

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076768.D
 Acq On : 22 Feb 2023 13:55
 Operator : JC\MD
 Sample : MDL08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL08

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/23/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 23 00:44:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	219088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	409493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	361662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	139835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	188813	62.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.820%	
35) Dibromofluoromethane	8.178	113	139056	51.854	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.700%	
50) Toluene-d8	10.571	98	508940	50.818	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.640%	
62) 4-Bromofluorobenzene	12.854	95	148467	44.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	705	0.303	ug/l #	40
3) Chloromethane	2.378	50	1753	0.578	ug/l #	81
4) Vinyl Chloride	2.537	62	1959	0.656	ug/l #	73
5) Bromomethane	2.972	94	2110	1.166	ug/l #	73
6) Chloroethane	3.131	64	903	0.478	ug/l #	40
7) Trichlorofluoromethane	3.507	101	1576m	0.388	ug/l	
8) Diethyl Ether	3.972	74	683	0.436	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.366	101	860	0.360	ug/l #	50
10) Methyl Iodide	4.595	142	1222m	0.414	ug/l	
11) Tert butyl alcohol	5.513	59	1103m	2.762	ug/l	
12) 1,1-Dichloroethene	4.342	96	1057	0.467	ug/l #	29
13) Acrolein	4.190	56	1486m	2.479	ug/l	
14) Allyl chloride	5.054	41	2229m	0.569	ug/l	
15) Acrylonitrile	5.737	53	3775	2.664	ug/l #	75
16) Acetone	4.448	43	5143	3.806	ug/l #	71
17) Carbon Disulfide	4.737	76	3072	0.515	ug/l #	73
18) Methyl Acetate	5.025	43	2862m	0.649	ug/l	
19) Methyl tert-butyl Ether	5.831	73	4262m	0.559	ug/l	
20) Methylene Chloride	5.301	84	2514m	0.888	ug/l	
21) trans-1,2-Dichloroethene	5.801	96	1020	0.401	ug/l	83
22) Diisopropyl ether	6.684	45	4642m	0.505	ug/l	
23) Vinyl Acetate	6.613	43	12293	2.261	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	2787	0.553	ug/l #	81
25) 2-Butanone	7.501	43	5023	2.520	ug/l #	88
26) 2,2-Dichloropropane	7.489	77	1897	0.522	ug/l #	73
27) cis-1,2-Dichloroethene	7.483	96	1773m	0.587	ug/l	
28) Bromochloromethane	7.825	49	1179m	0.492	ug/l	
29) Tetrahydrofuran	7.860	42	3323	2.552	ug/l #	91
30) Chloroform	7.966	83	2467	0.490	ug/l #	72
31) Cyclohexane	8.230	56	8520	1.795	ug/l #	1
32) 1,1,1-Trichloroethane	8.178	97	2148	0.508	ug/l #	42
36) 1,1-Dichloropropene	8.377	75	1885	0.487	ug/l #	90
37) Ethyl Acetate	7.572	43	2337	0.573	ug/l #	71
38) Carbon Tetrachloride	8.366	117	1803	0.461	ug/l #	67
39) Methylcyclohexane	9.613	83	1614	0.366	ug/l #	46
40) Benzene	8.607	78	5774	0.485	ug/l #	71

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 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.807	41	1358m	0.575	ug/l	
42) 1,2-Dichloroethane	8.683	62	2755m	0.664	ug/l	
43) Isopropyl Acetate	8.695	43	2915	0.439	ug/l #	77
44) Trichloroethene	9.348	130	1705	0.606	ug/l	75
45) 1,2-Dichloropropane	9.630	63	1560	0.495	ug/l #	44
46) Dibromomethane	9.713	93	1014m	0.504	ug/l	
47) Bromodichloromethane	9.889	83	2362	0.585	ug/l #	60
48) Methyl methacrylate	9.683	41	1716	0.545	ug/l #	82
49) 1,4-Dioxane	9.707	88	393m	7.218	ug/l	
51) 4-Methyl-2-Pentanone	10.448	43	8851	2.097	ug/l	98
52) Toluene	10.630	92	3168	0.441	ug/l	75
53) t-1,3-Dichloropropene	10.836	75	1594	0.409	ug/l #	52
54) cis-1,3-Dichloropropene	10.313	75	2157	0.480	ug/l #	81
55) 1,1,2-Trichloroethane	11.024	97	1562	0.535	ug/l	90
56) Ethyl methacrylate	10.877	69	1925	0.468	ug/l #	82
57) 1,3-Dichloropropane	11.166	76	2668	0.532	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.166	63	3825	2.031	ug/l	90
59) 2-Hexanone	11.201	43	6846	2.250	ug/l	91
60) Dibromochloromethane	11.366	129	1253	0.407	ug/l	99
61) 1,2-Dibromoethane	11.477	107	1203	0.411	ug/l	82
64) Tetrachloroethene	11.113	164	1005	0.441	ug/l #	56
65) Chlorobenzene	11.895	112	3447	0.450	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.966	131	1185	0.426	ug/l #	56
67) Ethyl Benzene	11.977	91	6050	0.463	ug/l	91
68) m/p-Xylenes	12.077	106	3143	0.624	ug/l	81
69) o-Xylene	12.401	106	2227	0.454	ug/l	80
70) Styrene	12.407	104	3187	0.401	ug/l	94
71) Bromoform	12.589	173	701	0.343	ug/l #	28
73) Isopropylbenzene	12.695	105	4188	0.409	ug/l	90
74) N-amyl acetate	12.501	43	2282	0.494	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.942	83	2272	0.612	ug/l #	97
76) 1,2,3-Trichloropropane	12.989	75	1710m	0.605	ug/l	
77) Bromobenzene	12.989	156	1630	0.637	ug/l	83
78) n-propylbenzene	13.036	91	5905	0.491	ug/l	91
79) 2-Chlorotoluene	13.130	91	3684	0.500	ug/l	96
80) 1,3,5-Trimethylbenzene	13.171	105	3566	0.421	ug/l	80
81) trans-1,4-Dichloro-2-b...	12.736	75	314m	0.323	ug/l	
82) 4-Chlorotoluene	13.130	91	3684	0.500	ug/l	96
83) tert-Butylbenzene	13.442	119	3129	0.408	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	3071	0.364	ug/l	94
85) sec-Butylbenzene	13.618	105	4662	0.436	ug/l #	71
86) p-Isopropyltoluene	13.736	119	2620	0.307	ug/l	84
87) 1,3-Dichlorobenzene	13.730	146	2475	0.512	ug/l	91
88) 1,4-Dichlorobenzene	13.812	146	3012m	0.626	ug/l	
89) n-Butylbenzene	14.054	91	3065	0.413	ug/l	94
90) Hexachloroethane	14.336	117	711	0.397	ug/l	57
91) 1,2-Dichlorobenzene	14.107	146	2005	0.405	ug/l	74
92) 1,2-Dibromo-3-Chloropr...	14.712	75	248	0.345	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.389	180	1254	0.507	ug/l #	66
94) Hexachlorobutadiene	15.495	225	458	0.378	ug/l	79
95) Naphthalene	15.642	128	3498	0.466	ug/l #	77
96) 1,2,3-Trichlorobenzene	15.848	180	1053	0.440	ug/l	91

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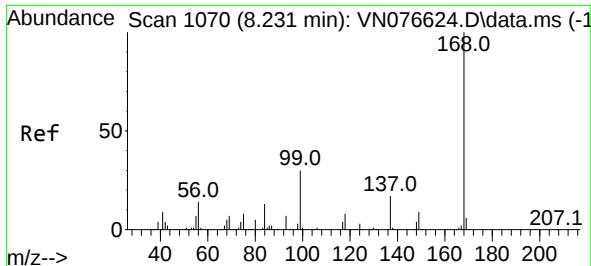
Manual Integrations
APPROVED

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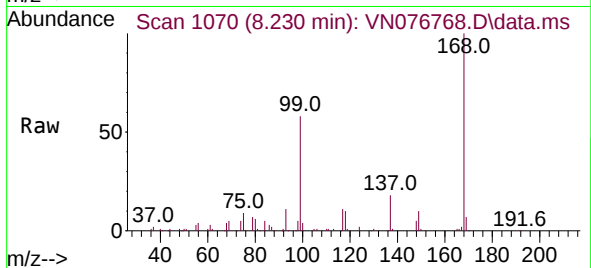
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN076768.D
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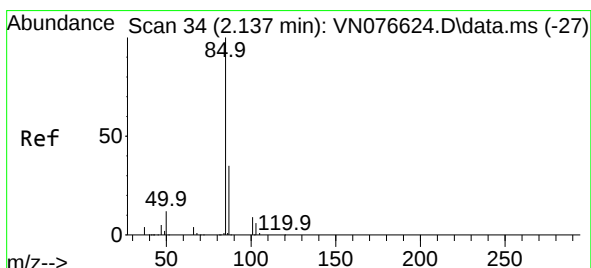
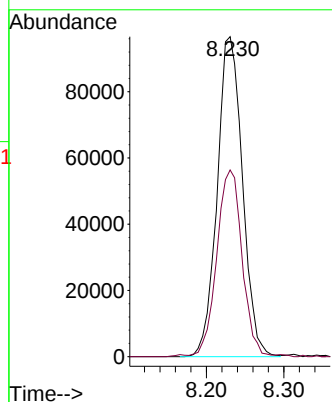
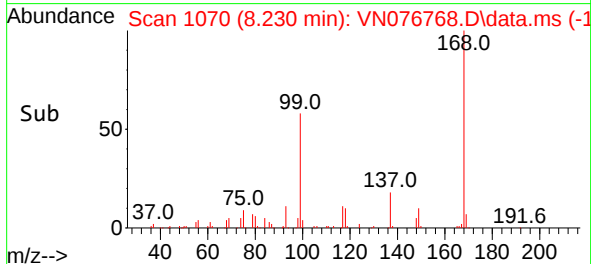
Instrument :
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MDL08



Tgt Ion:168 Resp: 21908
Ion Ratio Lower Upper
168 100
99 57.7 44.8 67.2

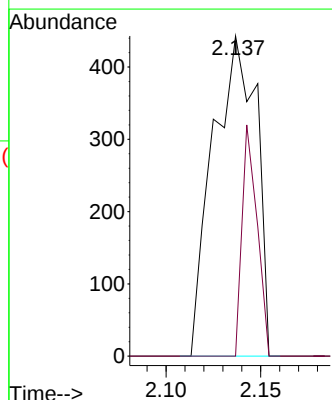
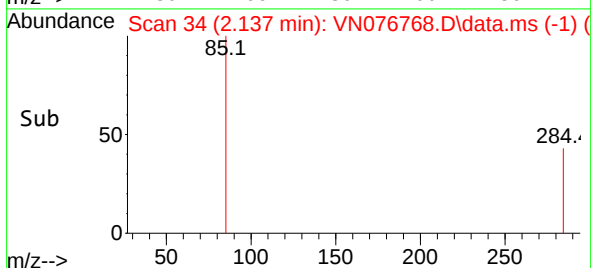
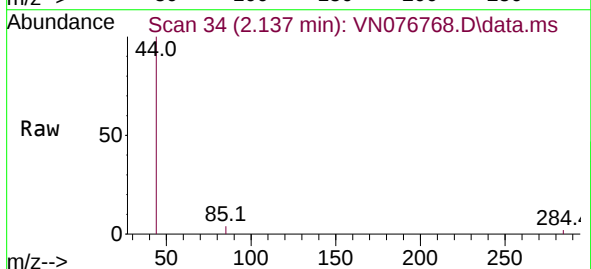
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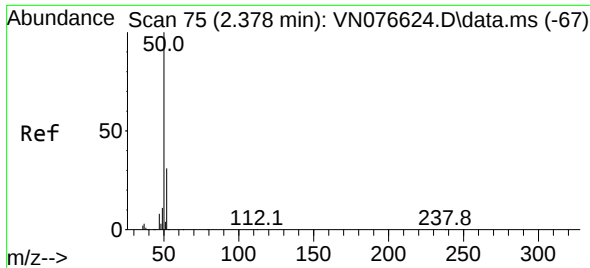
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 0.303 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

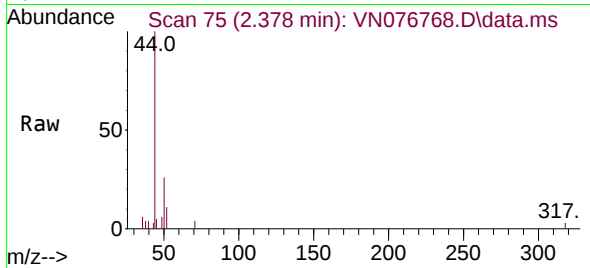
Tgt Ion: 85 Resp: 705
Ion Ratio Lower Upper
85 100
87 0.0 17.4 52.2#





#3
Chloromethane
Concen: 0.578 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

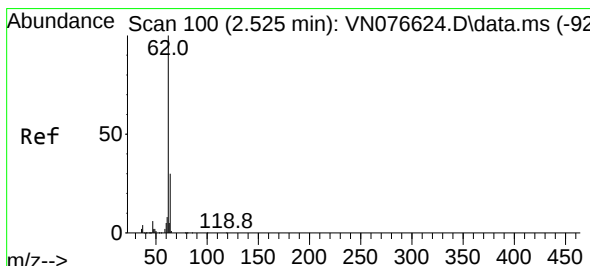
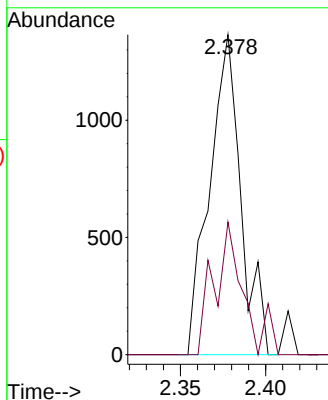
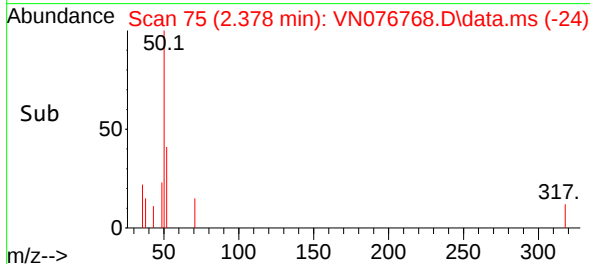
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Tgt Ion: 50 Resp: 175
Ion Ratio Lower Upper
50 100
52 41.5 24.7 37.1

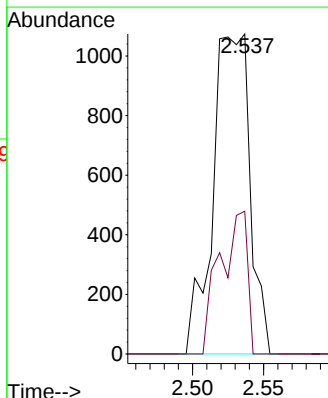
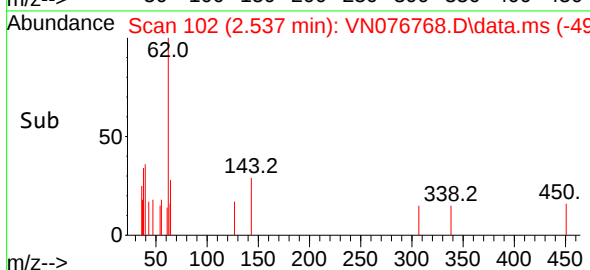
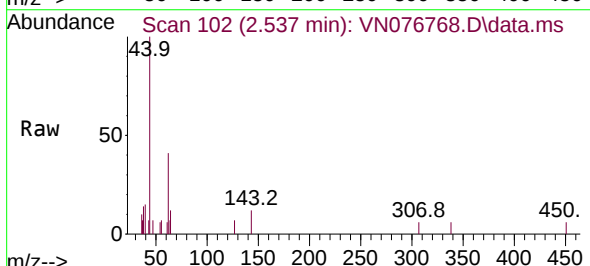
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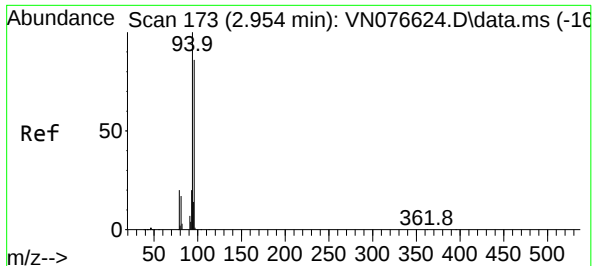
Reviewed By :John Carlone 02/23/2023
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#4
Vinyl Chloride
Concen: 0.656 ug/l
RT: 2.537 min Scan# 102
Delta R.T. 0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

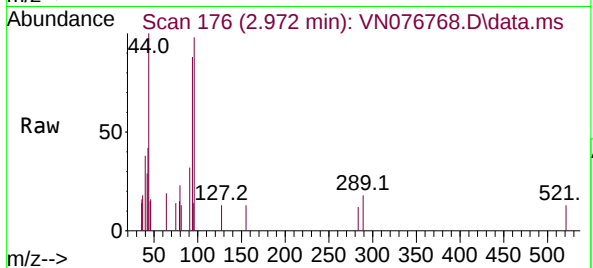
Tgt Ion: 62 Resp: 1959
Ion Ratio Lower Upper
62 100
64 44.6 23.9 35.9





#5
Bromomethane
Concen: 1.166 ug/l
RT: 2.972 min Scan# 176
Delta R.T. 0.018 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

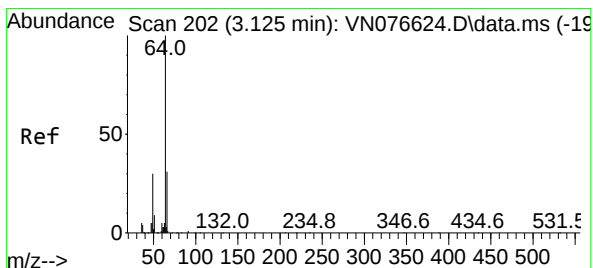
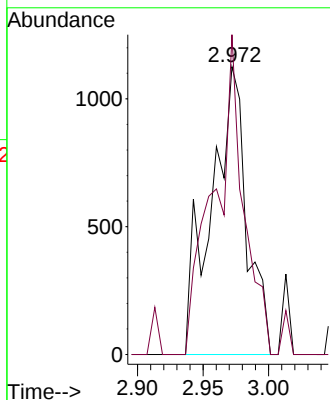
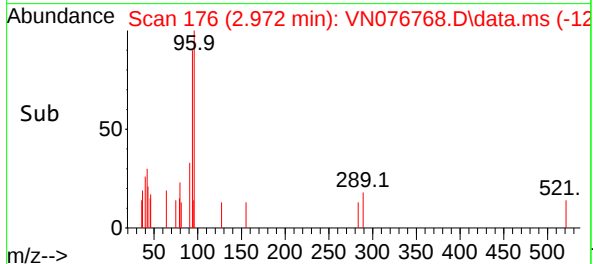
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Tgt Ion: 94 Resp: 2110
Ion Ratio Lower Upper
94 100
96 111.1 69.0 103.4

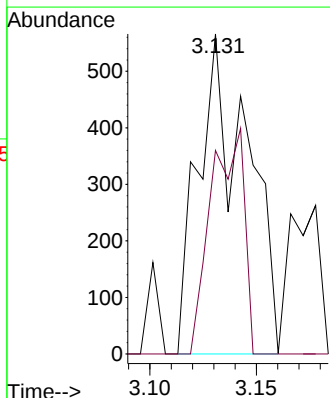
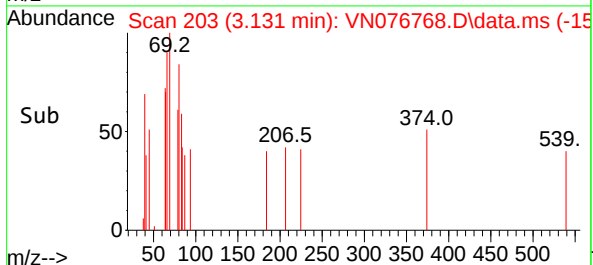
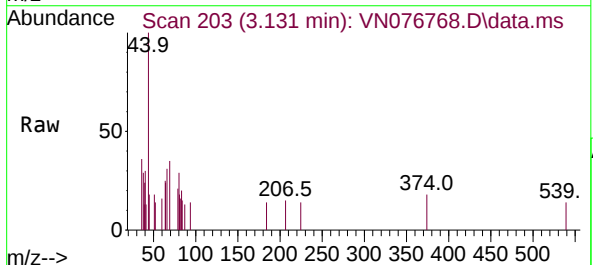
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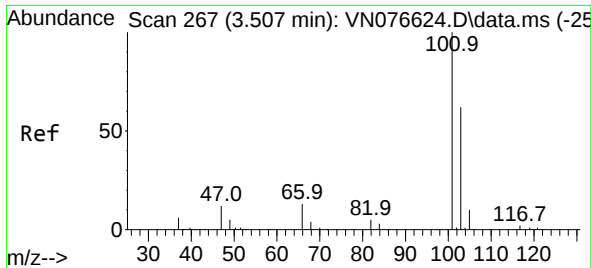
Reviewed By :John Carlone 02/23/2023
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#6
Chloroethane
Concen: 0.478 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076768.D
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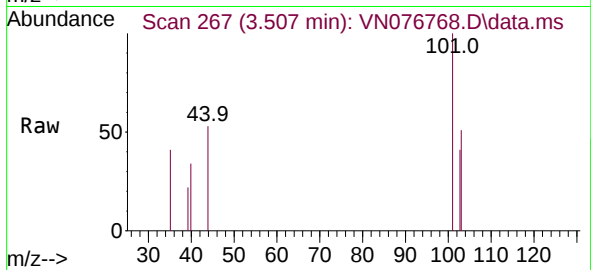
Tgt Ion: 64 Resp: 903
Ion Ratio Lower Upper
64 100
66 63.6 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 0.388 ug/l m
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55

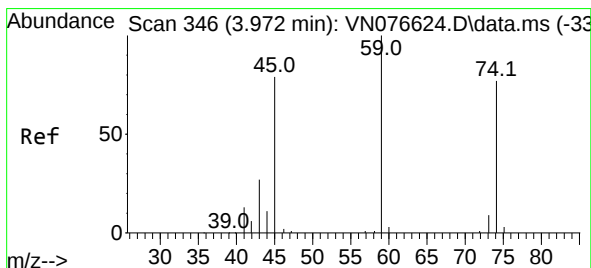
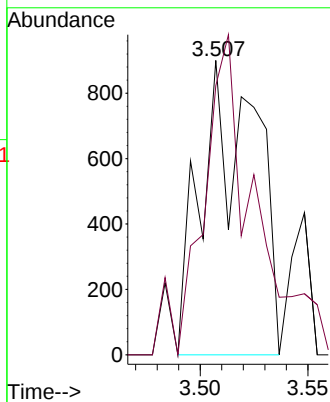
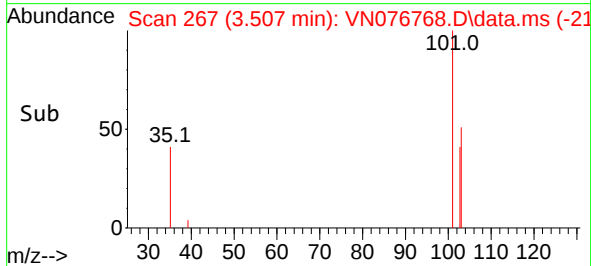
Instrument :
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Tgt Ion:101 Resp: 1570
 Ion Ratio Lower Upper
 101 100
 103 50.9 49.4 74.2

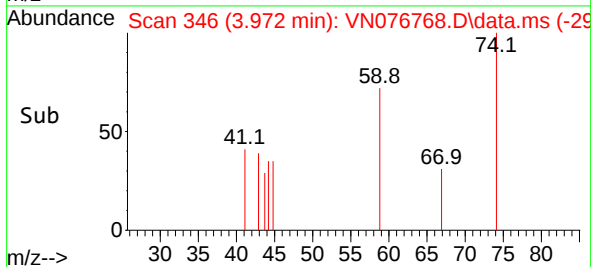
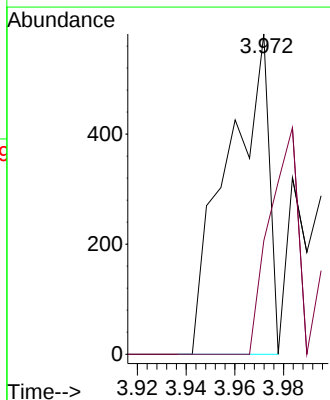
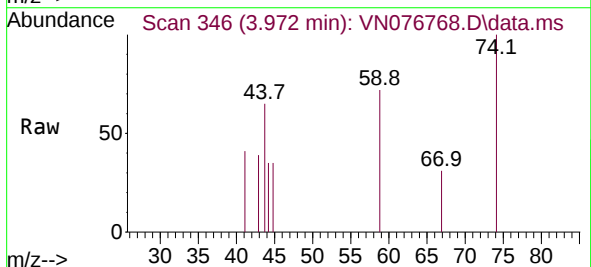
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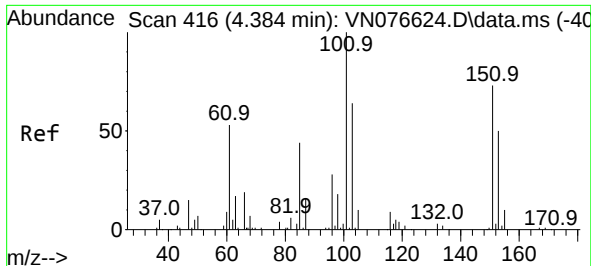
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#8
 Diethyl Ether
 Concen: 0.436 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN076768.D
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Tgt Ion: 74 Resp: 683
 Ion Ratio Lower Upper
 74 100
 45 64.7 51.3 153.9





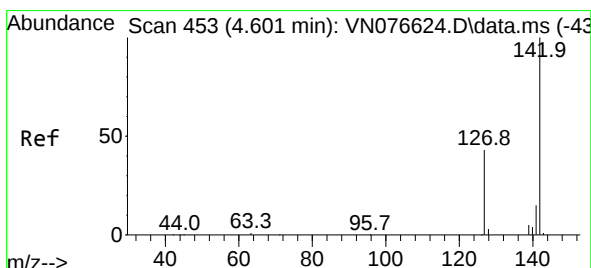
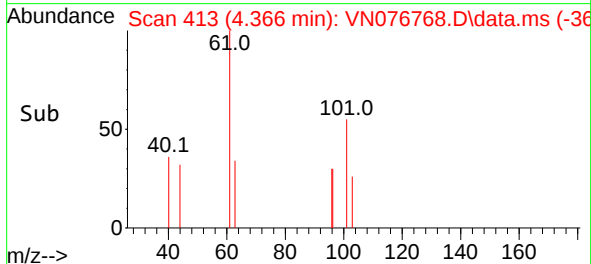
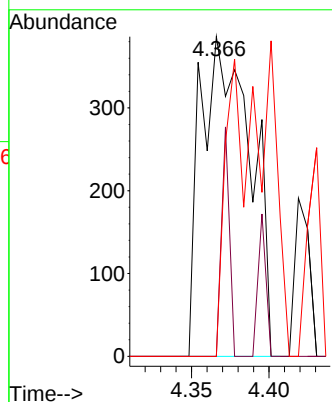
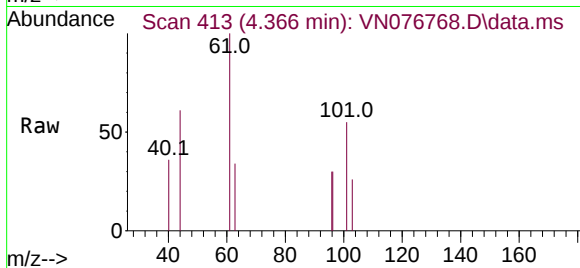
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.360 ug/l
RT: 4.366 min Scan# 416
Delta R.T. -0.018 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion:101 Resp: 860
Ion Ratio Lower Upper
101 100
85 11.4 37.4 56.0#
151 32.8 58.7 88.1#

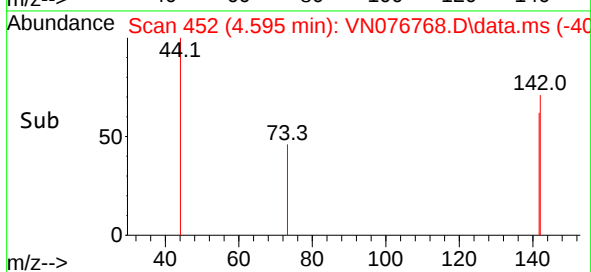
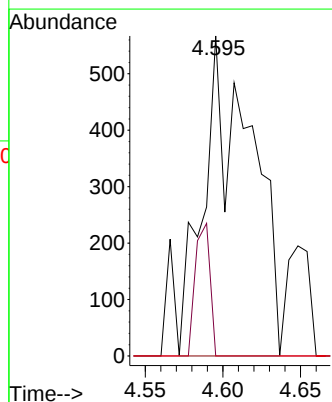
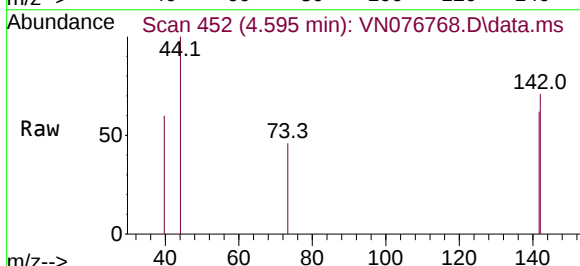
Manual Integrations
APPROVED

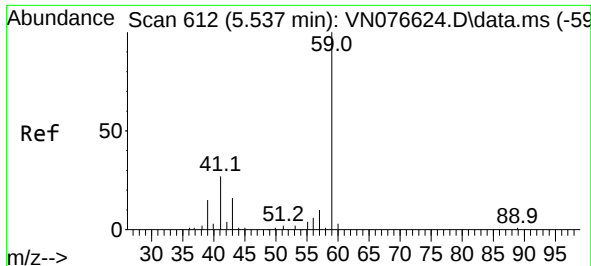
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 0.414 ug/l m
RT: 4.595 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

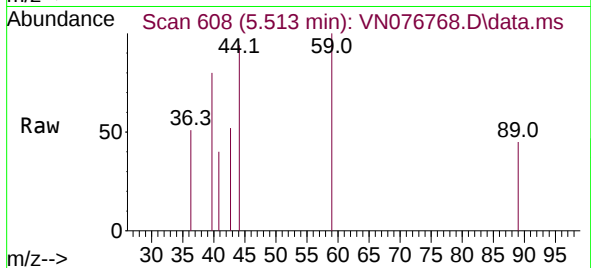
Tgt Ion:142 Resp: 1222
Ion Ratio Lower Upper
142 100
127 0.0 34.6 51.8#
141 0.0 11.7 17.5#





#11
Tert butyl alcohol
Concen: 2.762 ug/l m
RT: 5.513 min Scan# 608
Delta R.T. -0.024 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

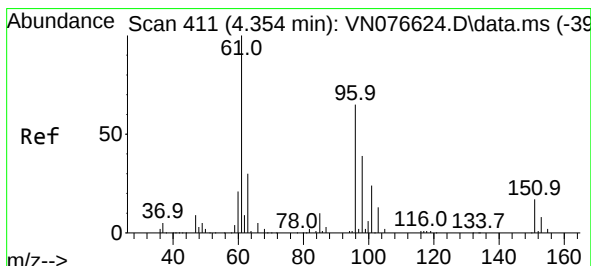
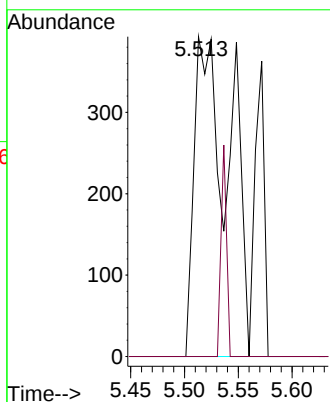
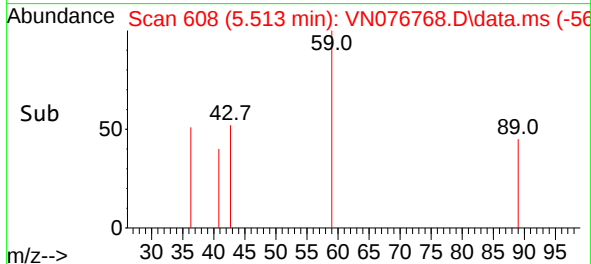
Instrument :
MSVOA_N
ClientSampleId :
MDL08



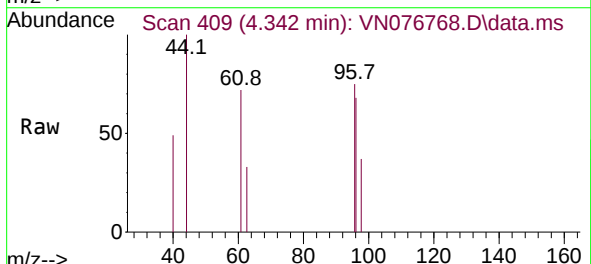
Tgt Ion: 59 Resp: 110
Ion Ratio Lower Upper
59 100
57 8.3 8.7 13.1

Manual Integrations
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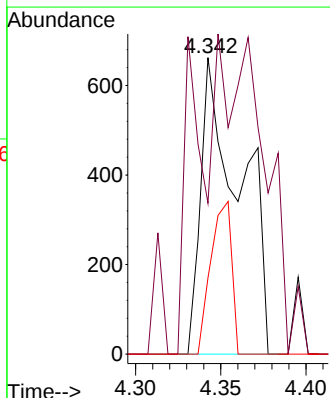
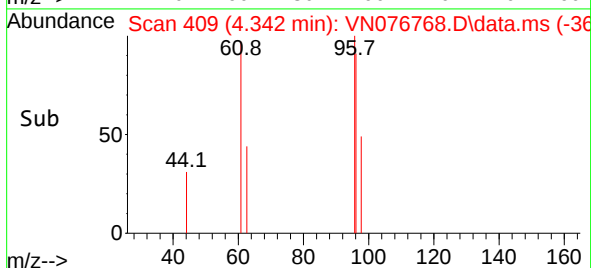
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

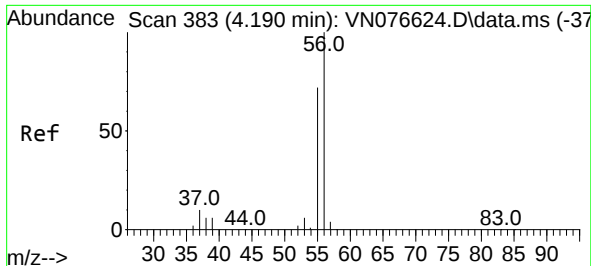


#12
1,1-Dichloroethene
Concen: 0.467 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



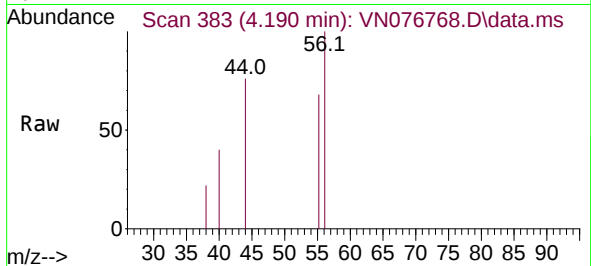
Tgt Ion: 96 Resp: 1057
Ion Ratio Lower Upper
96 100
61 50.9 123.8 185.6#
98 25.7 48.4 72.6#





#13
Acrolein
Concen: 2.479 ug/l m
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

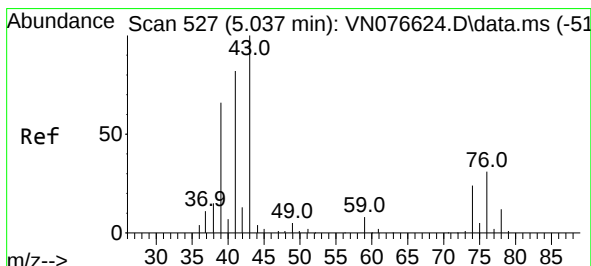
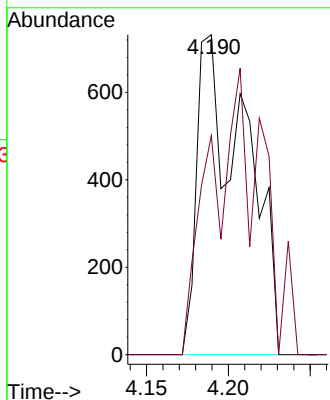
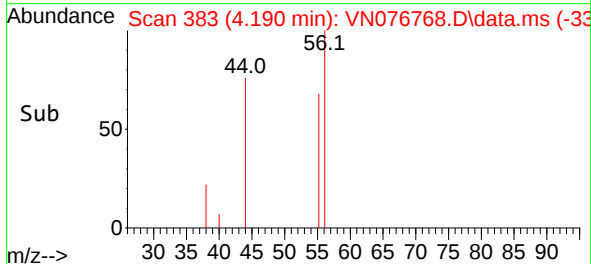
Instrument :
MSVOA_N
ClientSampleId :
MDL08



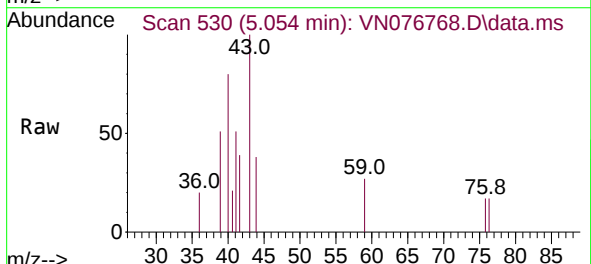
Tgt Ion: 56 Resp: 1480
Ion Ratio Lower Upper
56 100
55 32.4 56.3 84.5

Manual Integrations
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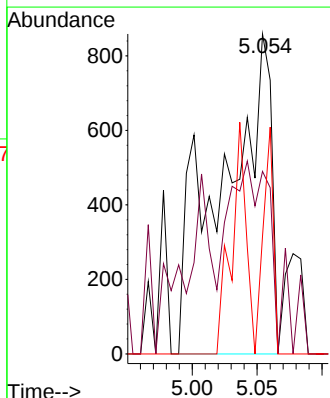
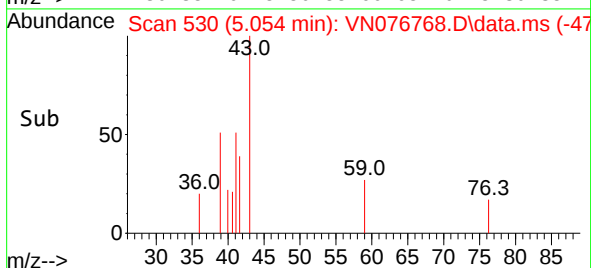
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

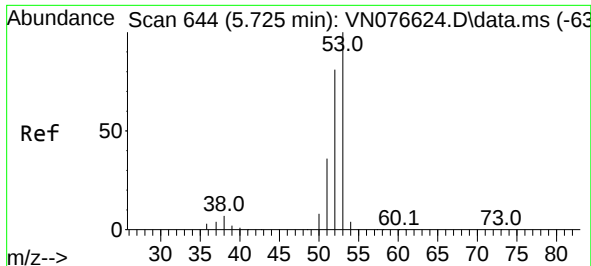


#14
Allyl chloride
Concen: 0.569 ug/l m
RT: 5.054 min Scan# 530
Delta R.T. 0.017 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



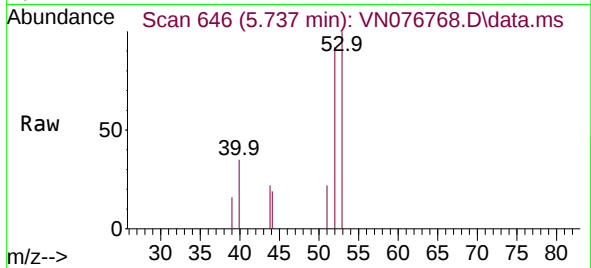
Tgt Ion: 41 Resp: 2229
Ion Ratio Lower Upper
41 100
39 0.0 62.3 93.5#
76 14.7 27.0 40.6#





#15
Acrylonitrile
Concen: 2.664 ug/l
RT: 5.737 min Scan# 646
Delta R.T. 0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

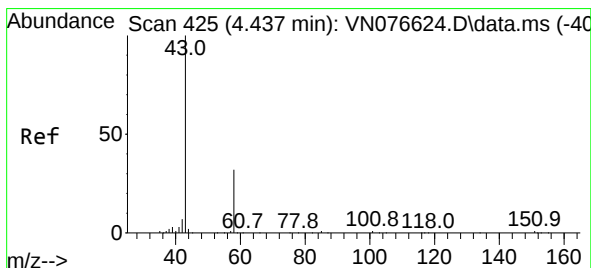
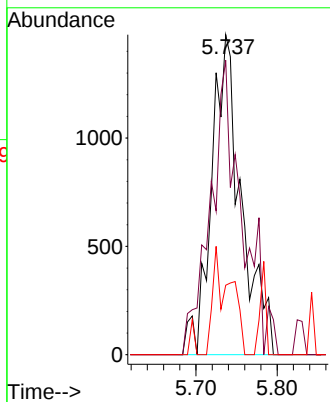
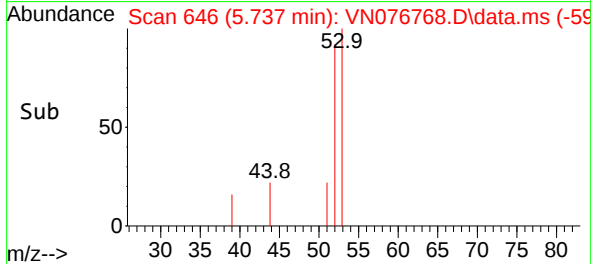
Instrument :
MSVOA_N
ClientSampleId :
MDL08



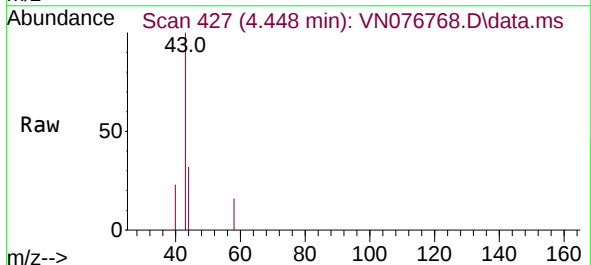
Tgt Ion: 53 Resp: 377
Ion Ratio Lower Upper
53 100
52 97.0 65.3 97.9
51 11.6 29.2 43.8

Manual Integrations
APPROVED

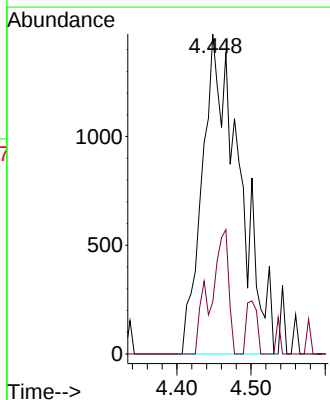
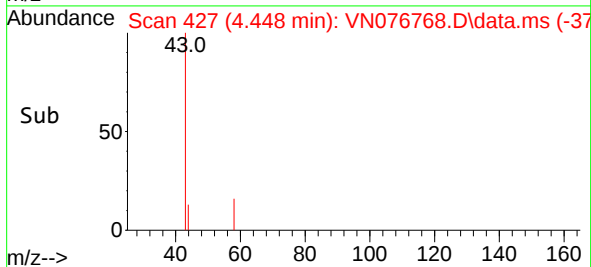
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

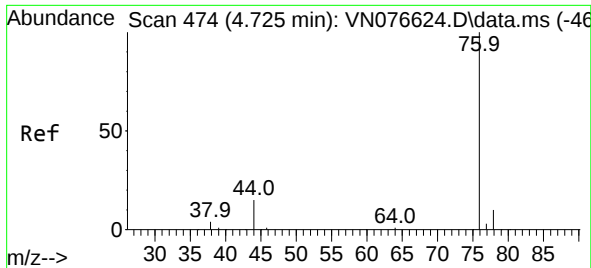


#16
Acetone
Concen: 3.806 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



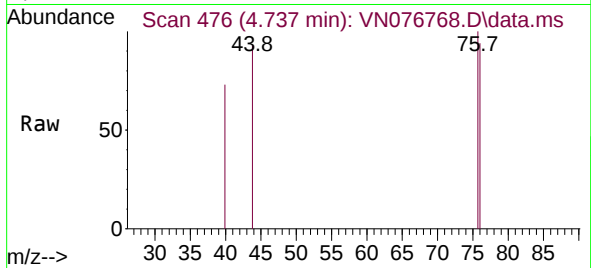
Tgt Ion: 43 Resp: 5143
Ion Ratio Lower Upper
43 100
58 16.2 25.9 38.9





#17
Carbon Disulfide
Concen: 0.515 ug/l
RT: 4.737 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

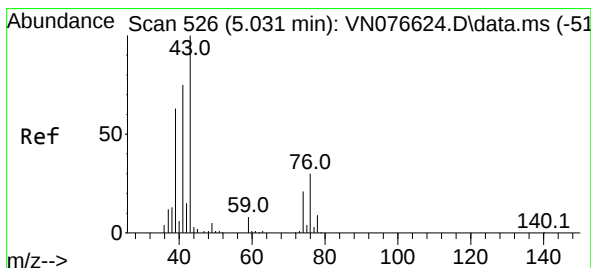
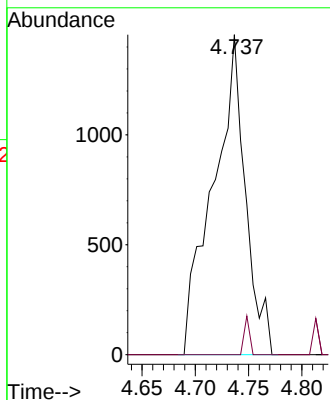
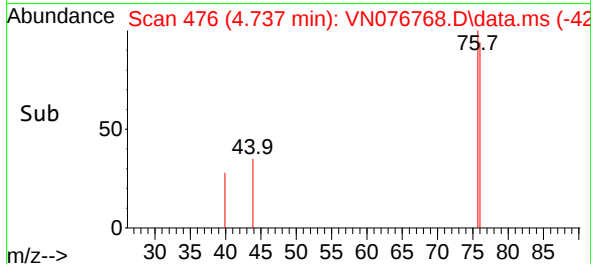
Instrument :
MSVOA_N
ClientSampleId :
MDL08



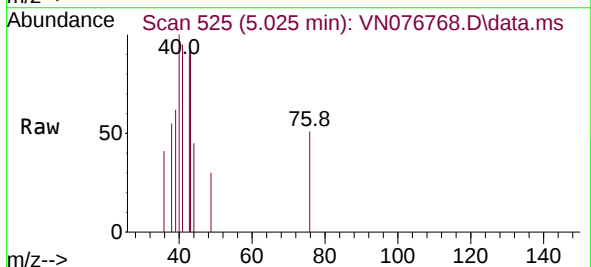
Tgt Ion: 76 Resp: 3072
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8

Manual Integrations
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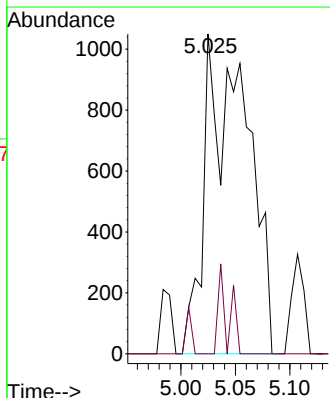
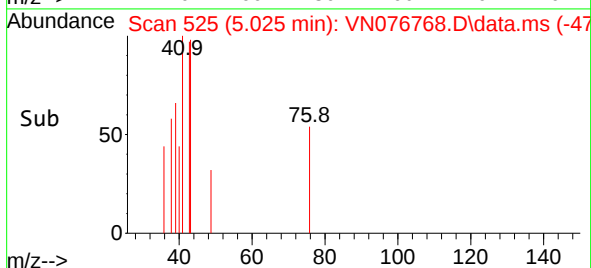
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

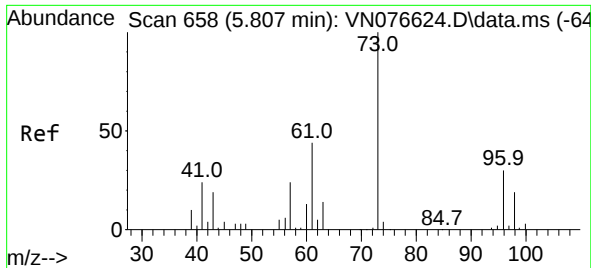


#18
Methyl Acetate
Concen: 0.649 ug/l m
RT: 5.025 min Scan# 525
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion: 43 Resp: 2862
Ion Ratio Lower Upper
43 100
74 6.4 17.7 26.5





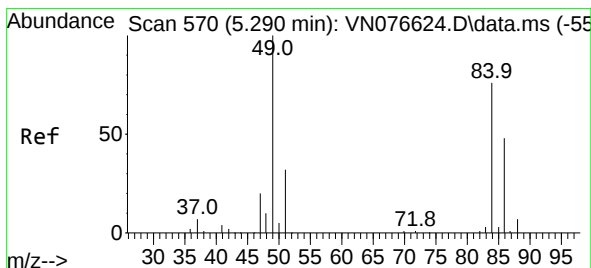
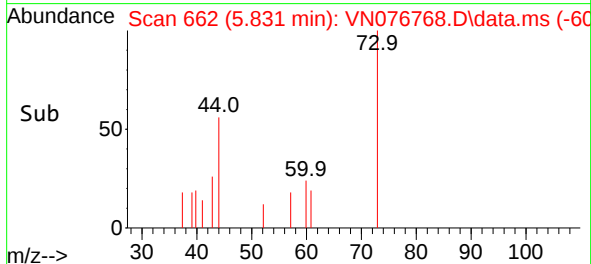
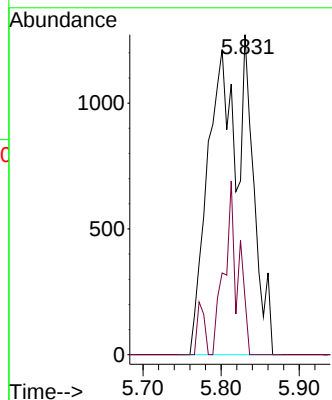
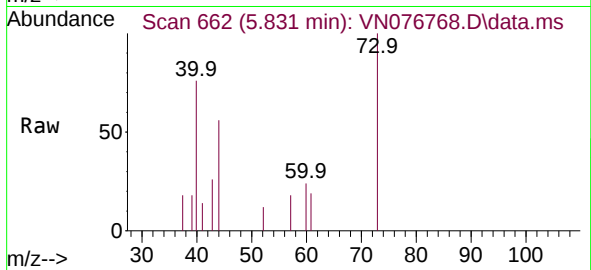
#19
Methyl tert-butyl Ether
Concen: 0.559 ug/l m
RT: 5.831 min Scan# 60
Delta R.T. 0.024 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 73 Resp: 426
Ion Ratio Lower Upper
73 100
57 17.7 19.0 28.4

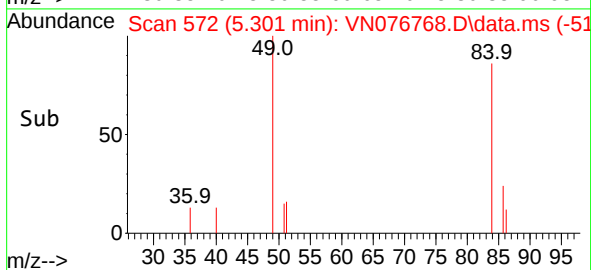
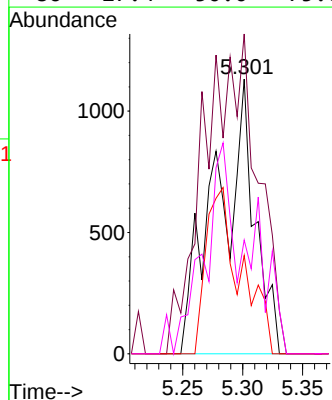
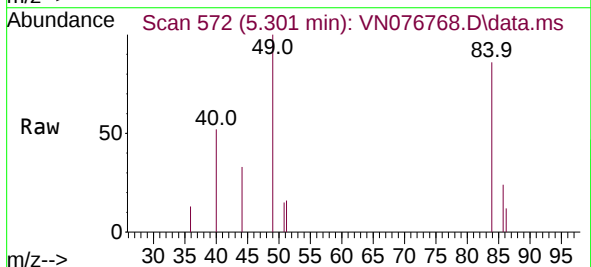
Manual Integrations
APPROVED

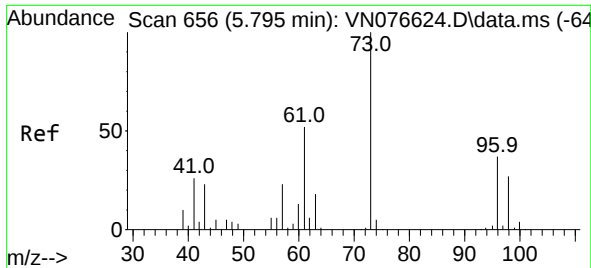
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 0.888 ug/l m
RT: 5.301 min Scan# 572
Delta R.T. 0.011 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

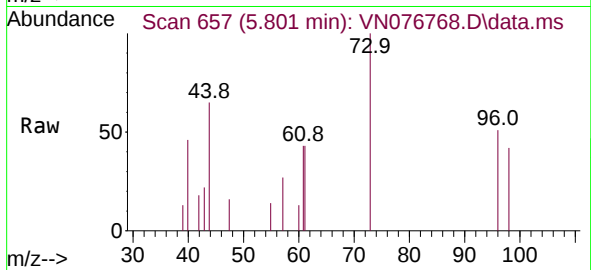
Tgt Ion: 84 Resp: 2514
Ion Ratio Lower Upper
84 100
49 116.4 104.9 157.3
51 18.4 33.8 50.8#
86 27.4 50.0 75.0#





#21
trans-1,2-Dichloroethene
Concen: 0.401 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

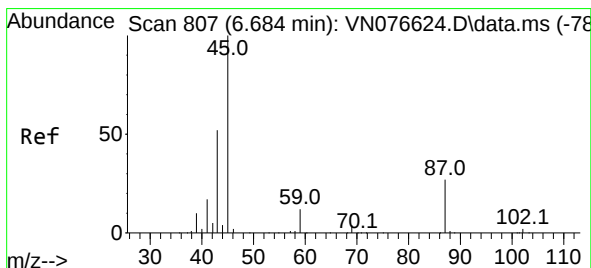
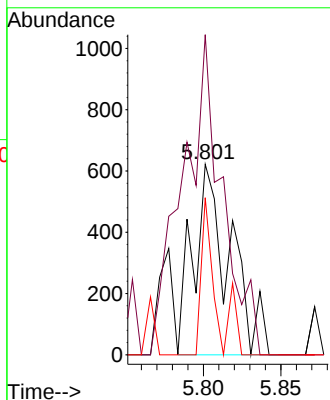
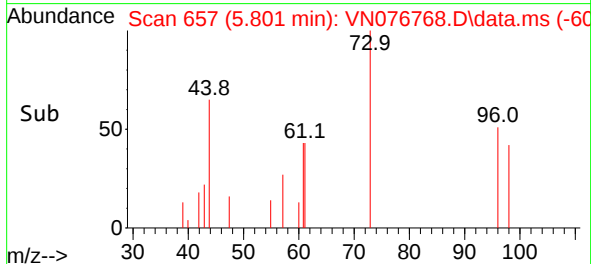
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 96 Resp: 1020
Ion Ratio Lower Upper
96 100
61 168.0 113.9 170.9
98 82.5 59.4 89.0

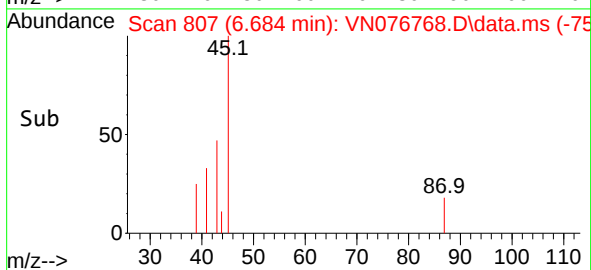
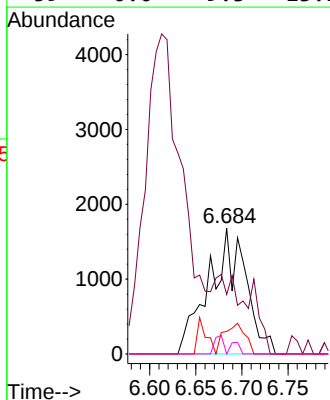
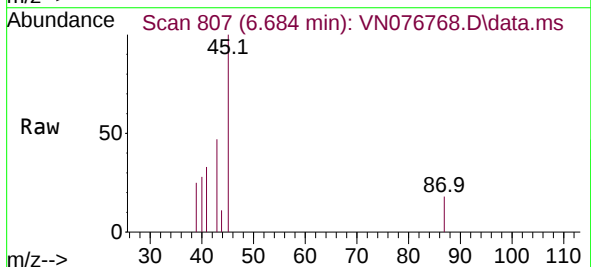
Manual Integrations
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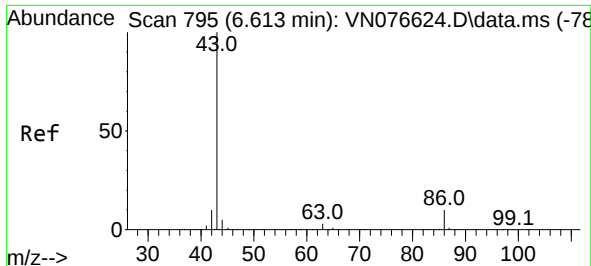
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#22
Diisopropyl ether
Concen: 0.505 ug/l m
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 45 Resp: 4642
Ion Ratio Lower Upper
45 100
43 47.3 41.8 62.6
87 17.9 21.8 32.8#
59 0.0 9.3 13.9#





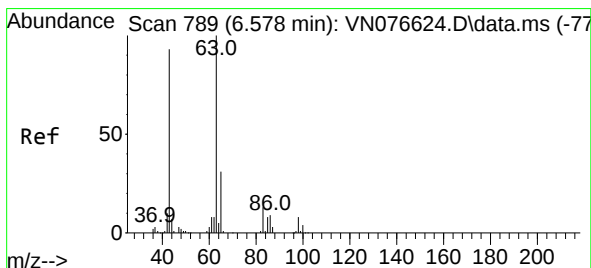
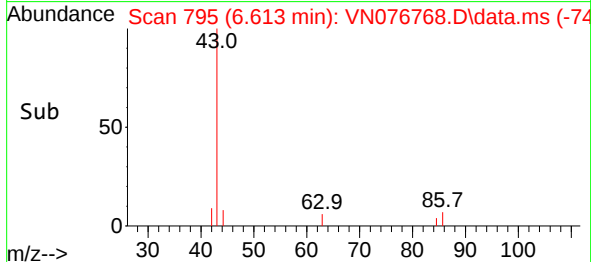
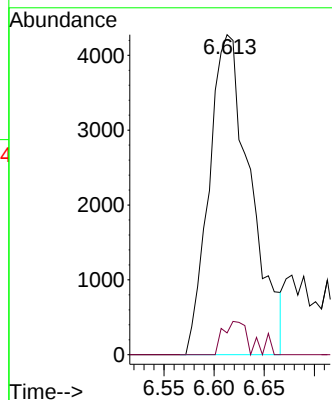
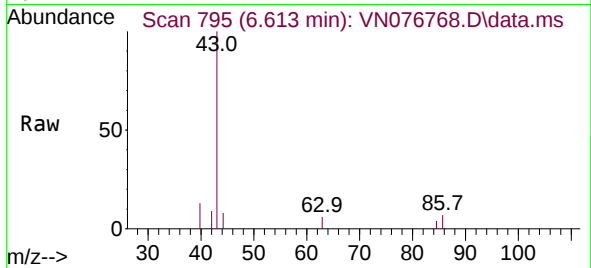
#23
 Vinyl Acetate
 Concen: 2.261 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL08

Tgt Ion: 43 Resp: 1229
 Ion Ratio Lower Upper
 43 100
 86 6.8 8.2 12.2

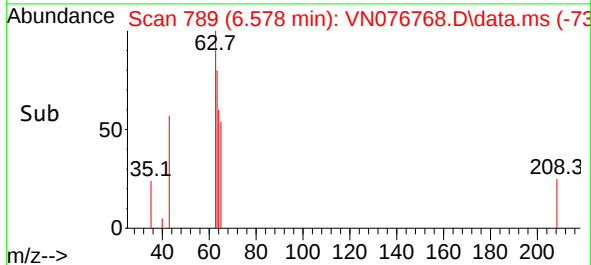
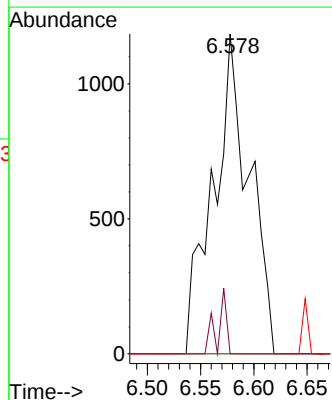
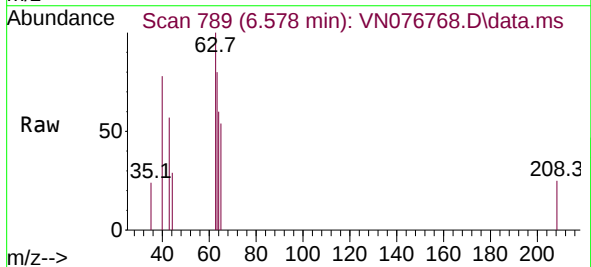
Manual Integrations
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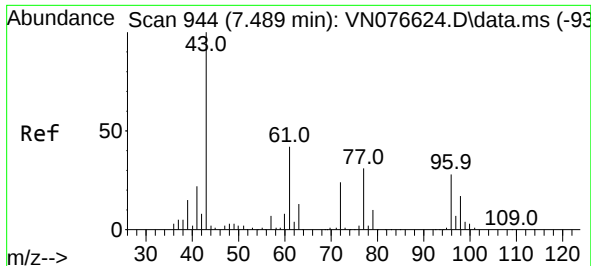
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 0.553 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55

Tgt Ion: 63 Resp: 2787
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#





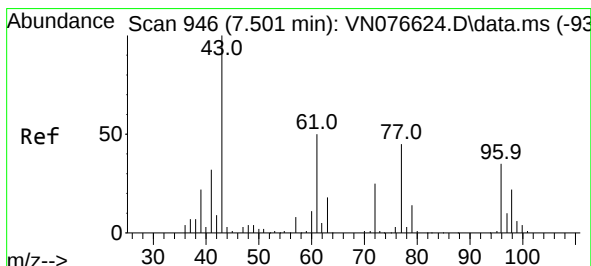
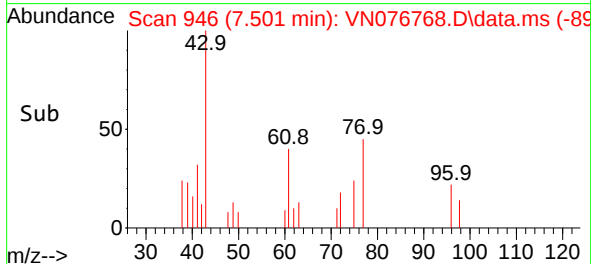
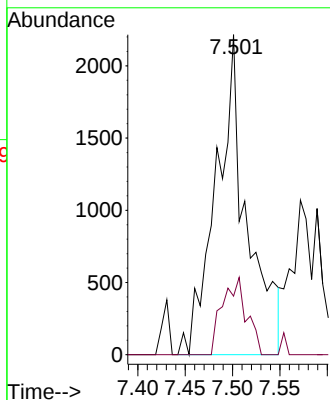
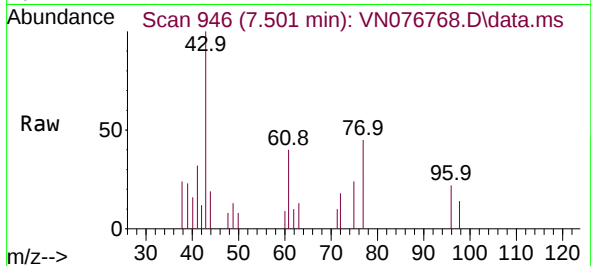
#25
2-Butanone
Concen: 2.520 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 43 Resp: 502
Ion Ratio Lower Upper
43 100
72 18.3 19.4 29.2

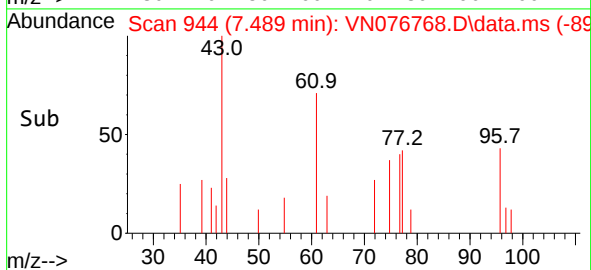
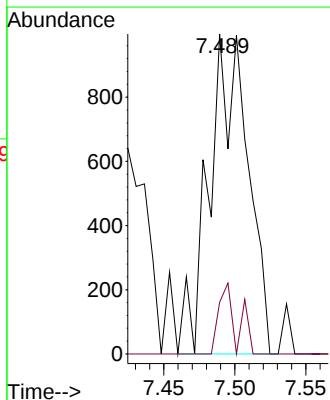
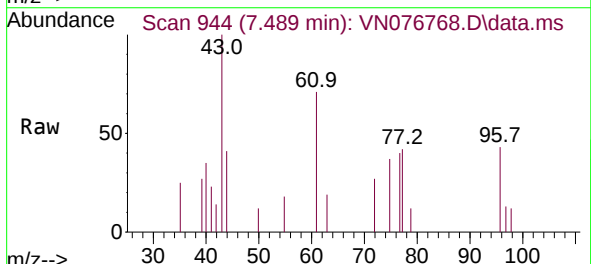
Manual Integrations
APPROVED

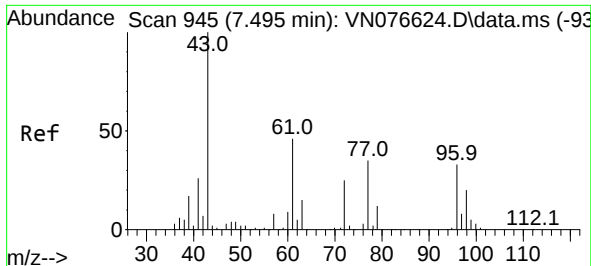
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
2,2-Dichloropropane
Concen: 0.522 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

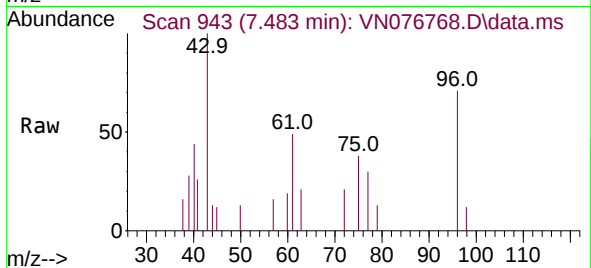
Tgt Ion: 77 Resp: 1897
Ion Ratio Lower Upper
77 100
97 10.3 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 0.587 ug/l m
RT: 7.483 min Scan# 945
Delta R.T. -0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

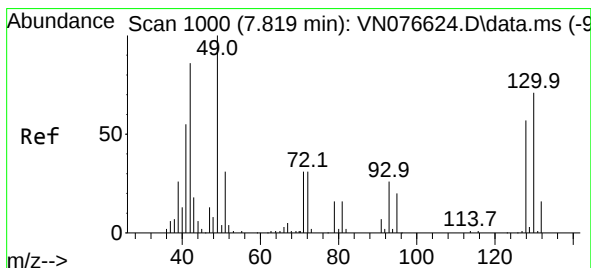
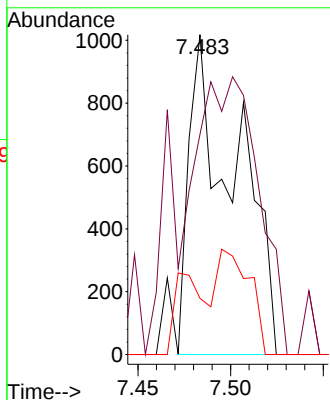
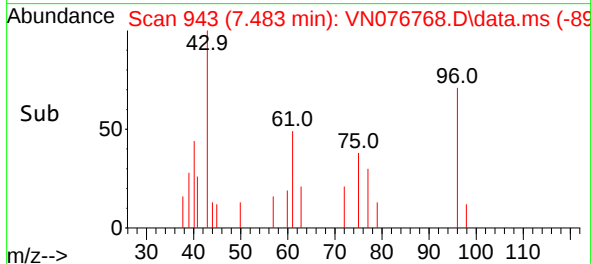
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 96 Resp: 177
Ion Ratio Lower Upper
96 100
61 117.9 0.0 286.8
98 22.6 0.0 124.0

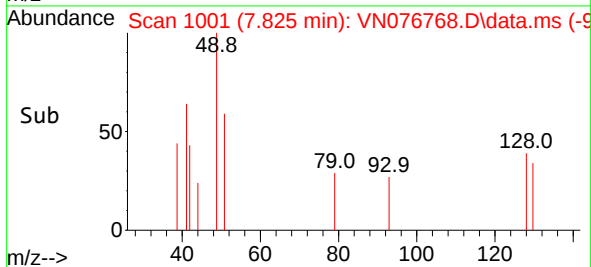
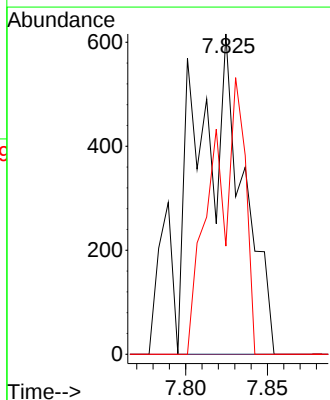
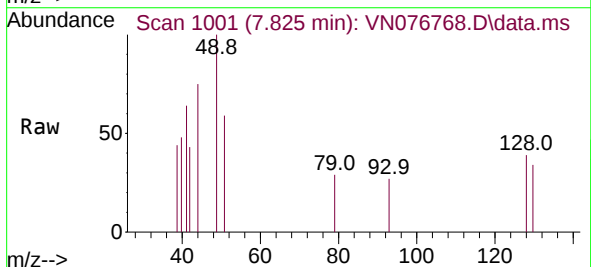
Manual Integrations
APPROVED

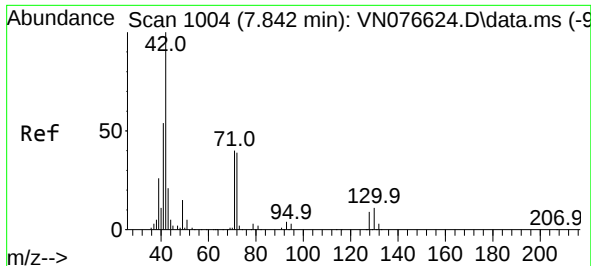
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#28
Bromochloromethane
Concen: 0.492 ug/l m
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 49 Resp: 1179
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 0.0 57.8 86.8#





#29

Tetrahydrofuran

Concen: 2.552 ug/l

RT: 7.860 min Scan# 1007

Delta R.T. 0.018 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

MDL08

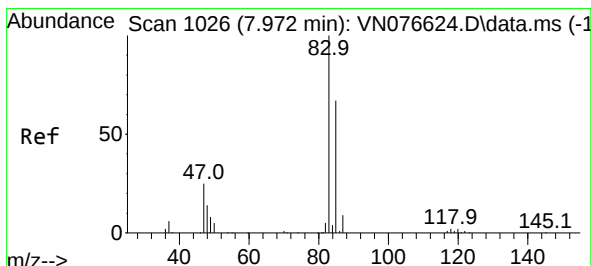
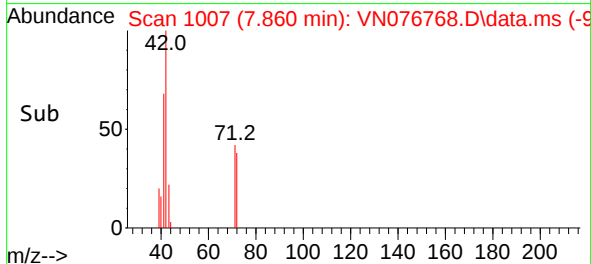
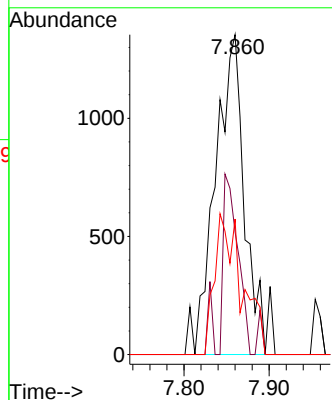
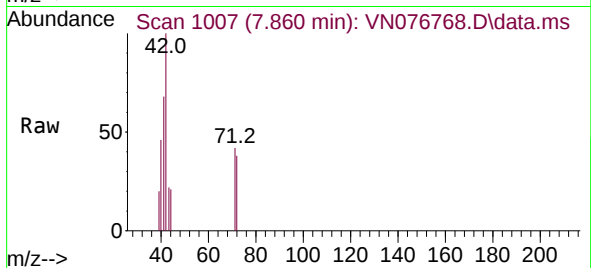
Tgt Ion:	42	Resp:	332
Ion Ratio	Lower	Upper	
42	100		
72	30.8	31.5	47.3
71	40.0	29.8	44.8

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 0.490 ug/l

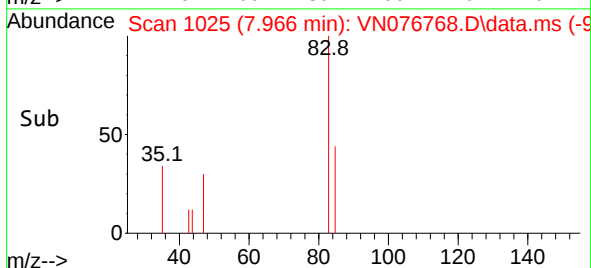
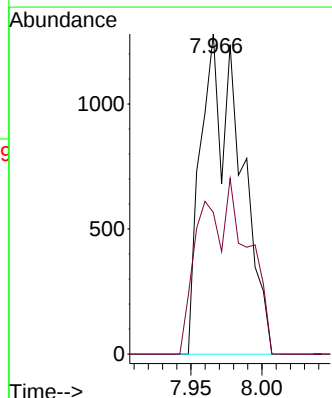
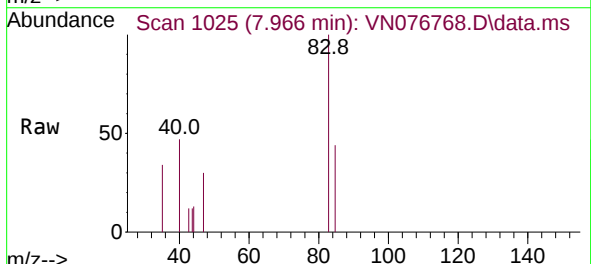
RT: 7.966 min Scan# 1025

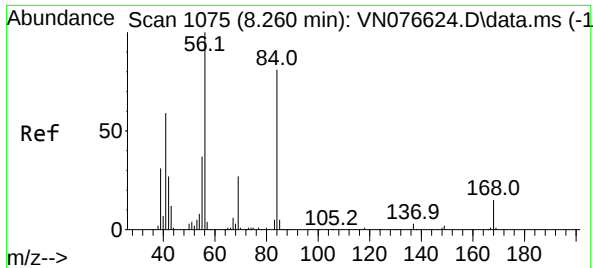
Delta R.T. -0.006 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

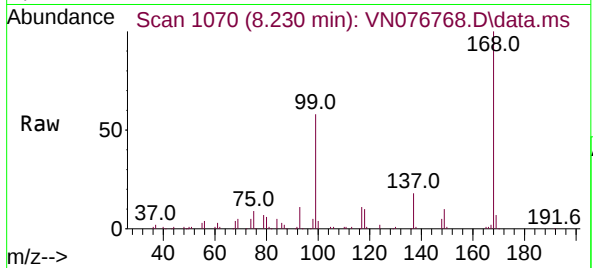
Tgt Ion:	83	Resp:	2467
Ion Ratio	Lower	Upper	
83	100		
85	44.2	53.5	80.3





#31
Cyclohexane
Concen: 1.795 ug/l
RT: 8.230 min Scan# 1075
Delta R.T. -0.030 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

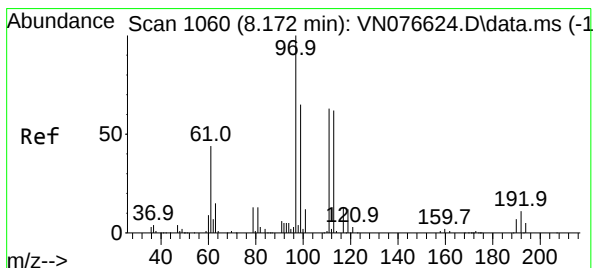
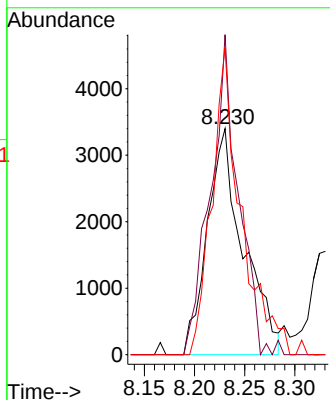
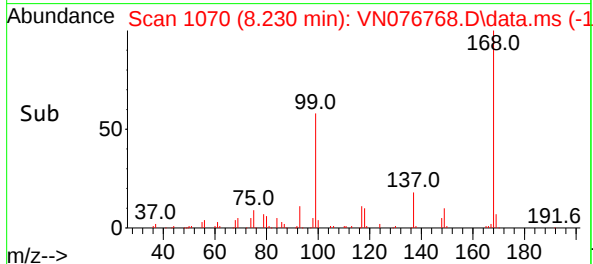
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 56 Resp: 8520
Ion Ratio Lower Upper
56 100
69 141.6 21.6 32.4#
84 135.8 65.1 97.7#

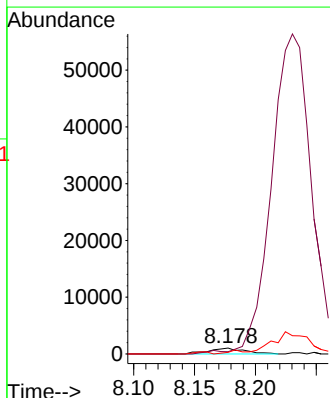
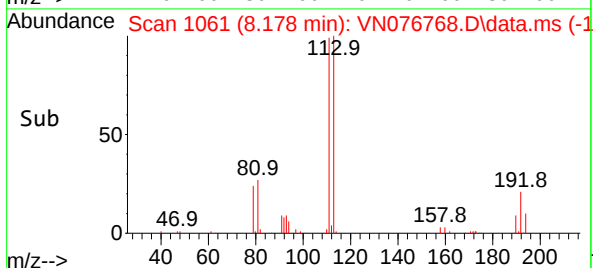
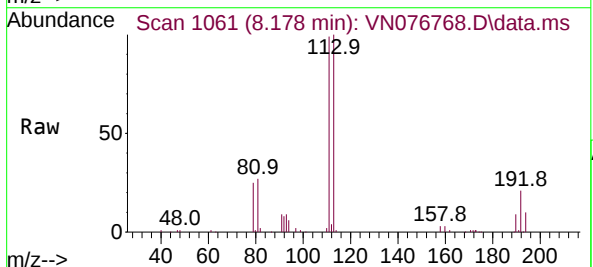
Manual Integrations
APPROVED

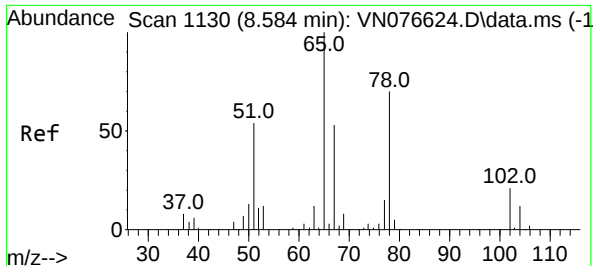
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#32
1,1,1-Trichloroethane
Concen: 0.508 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 97 Resp: 2148
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 30.4 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 62.412 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

MDL08

Tgt Ion: 65 Resp: 18881

Ion Ratio Lower Upper

65 100

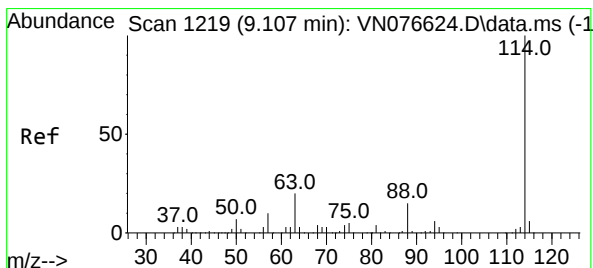
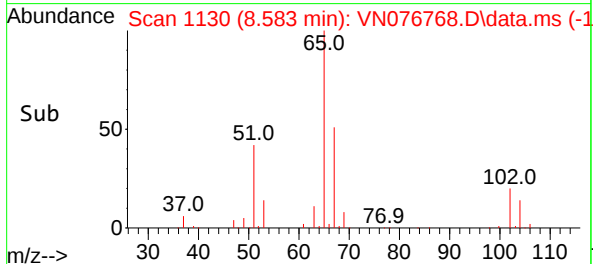
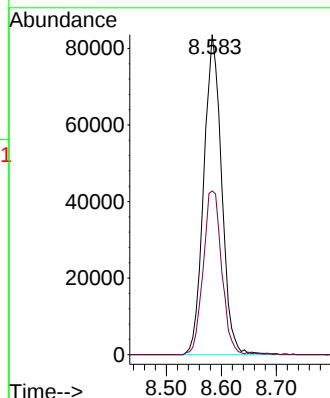
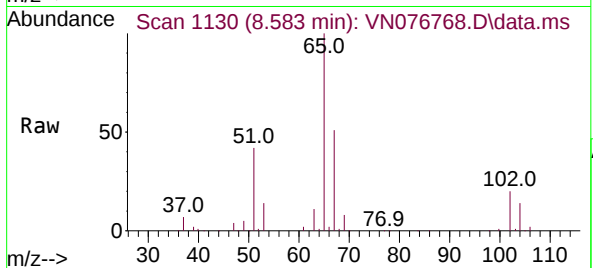
67 52.8 0.0 105.6

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

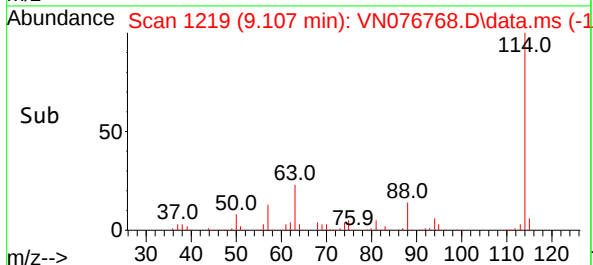
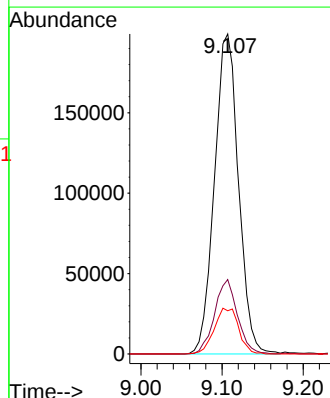
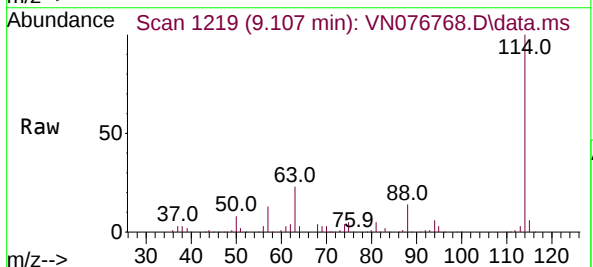
Tgt Ion:114 Resp: 409493

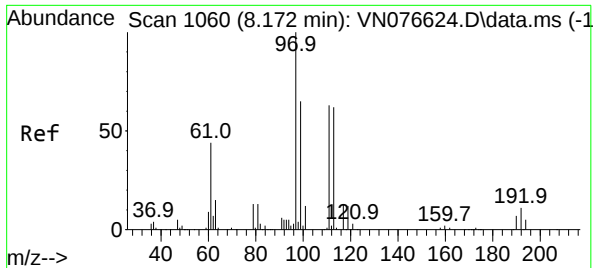
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

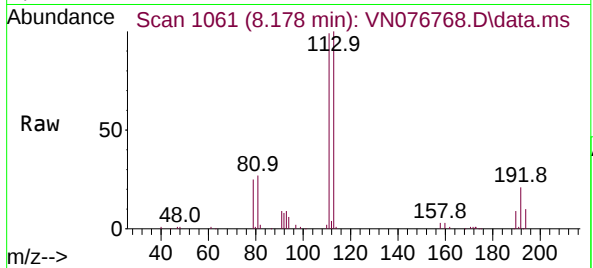
88 13.5 0.0 29.6





#35
Dibromofluoromethane
Concen: 51.854 ug/l
RT: 8.178 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

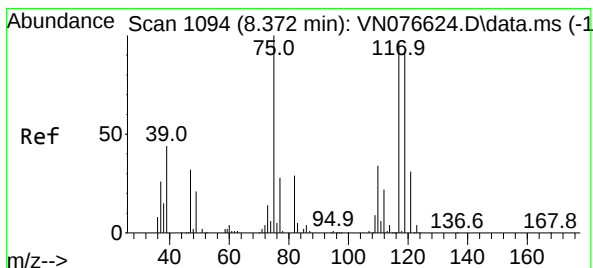
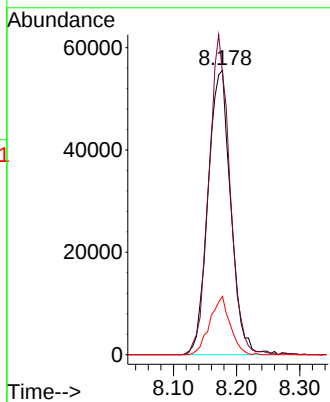
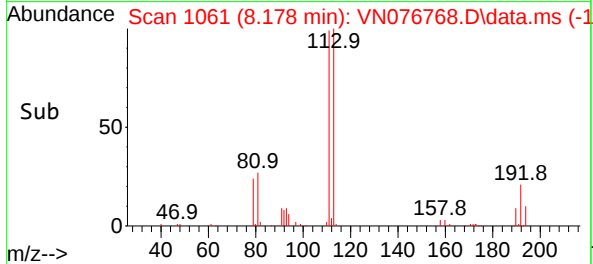
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 113 Resp: 13905
Ion Ratio Lower Upper
113 100
111 103.9 83.1 124.7
192 18.2 15.6 23.4

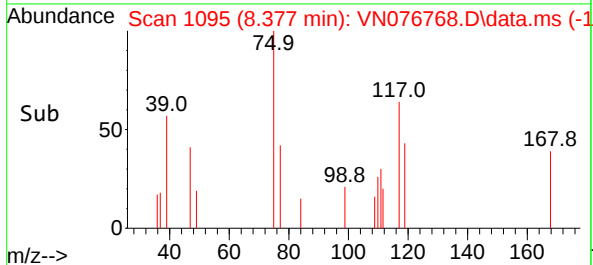
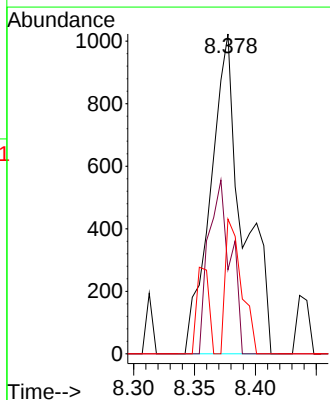
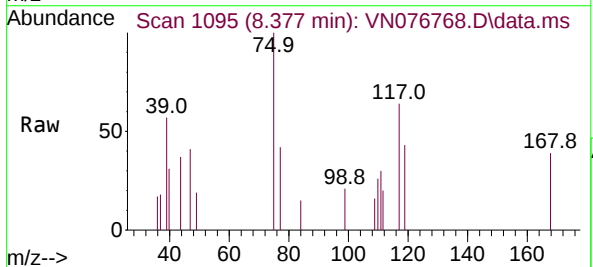
Manual Integrations
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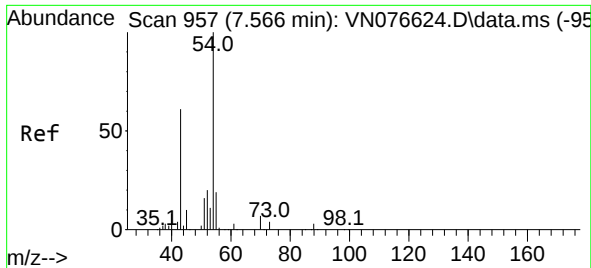
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
1,1-Dichloropropene
Concen: 0.487 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 75 Resp: 1885
Ion Ratio Lower Upper
75 100
110 37.1 17.5 52.5
77 21.3 24.5 36.7#





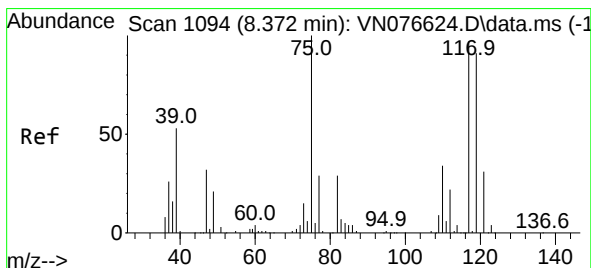
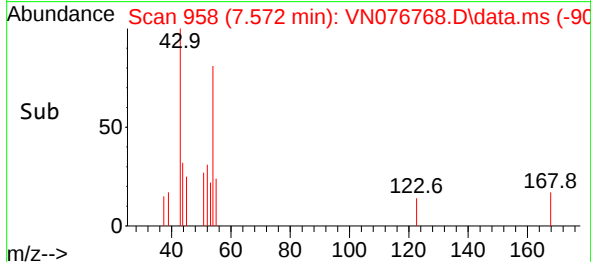
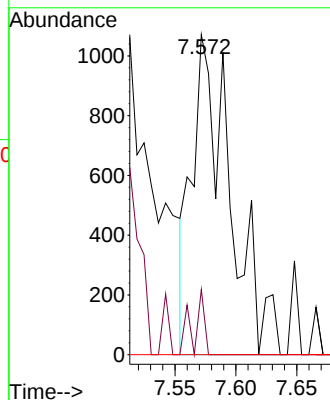
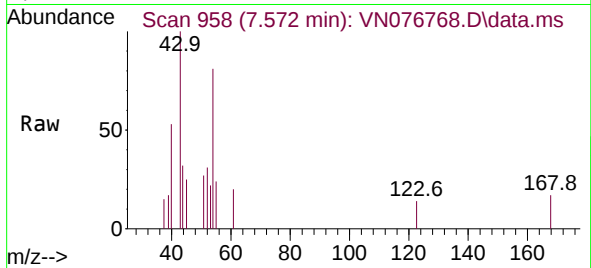
#37
Ethyl Acetate
Concen: 0.573 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
61 0.0 9.9 14.9
70 0.0 7.8 11.6

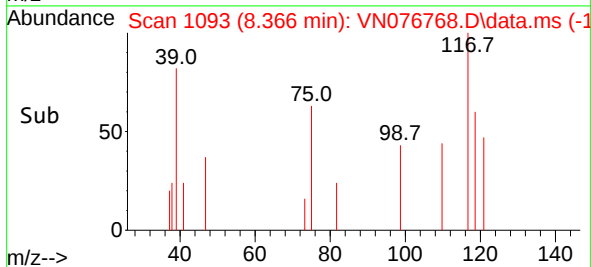
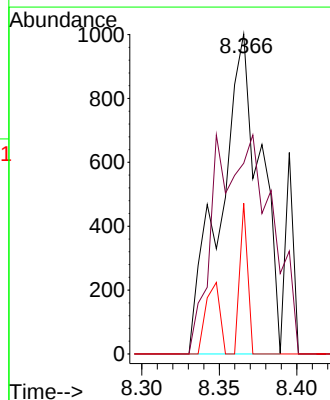
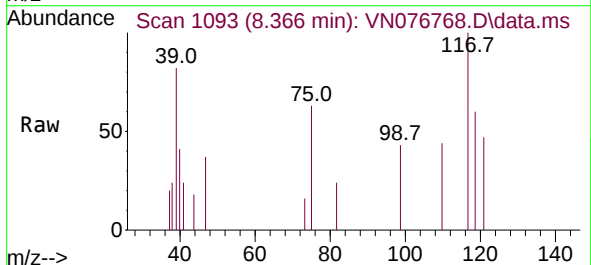
Manual Integrations
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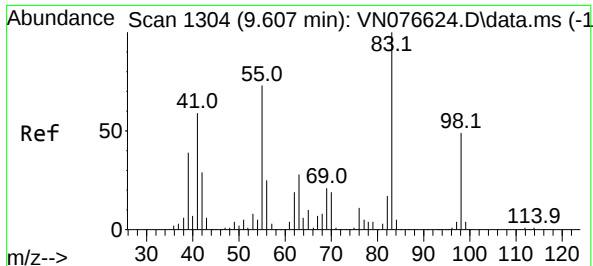
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Carbon Tetrachloride
Concen: 0.461 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion:117 Resp: 1803
Ion Ratio Lower Upper
117 100
119 59.6 75.4 113.0#
121 47.1 26.0 39.0#





#39

Methylcyclohexane

Concen: 0.366 ug/l

RT: 9.613 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

MDL08

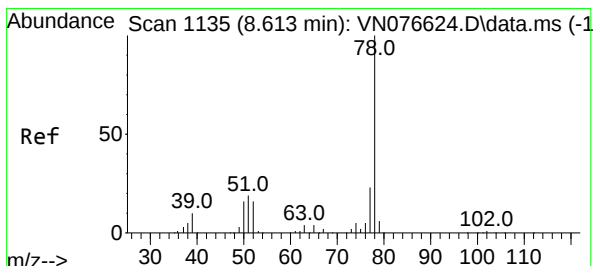
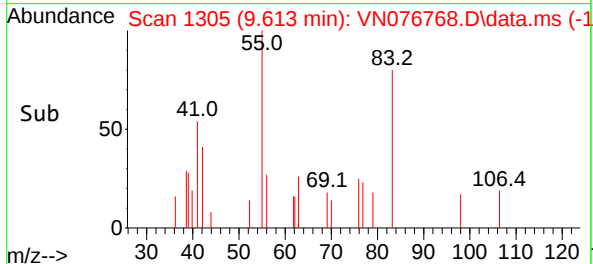
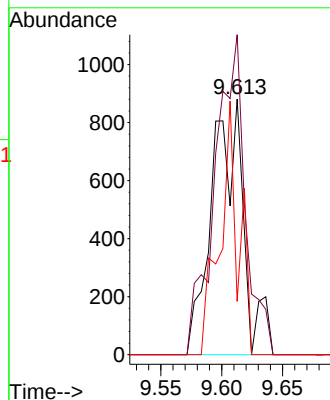
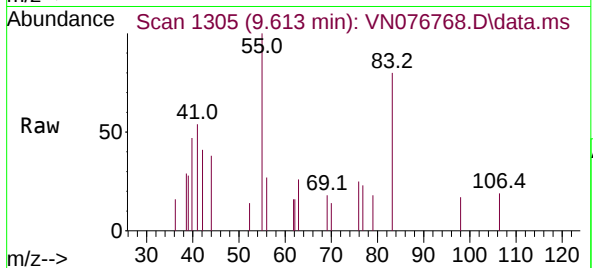
Tgt Ion: 83	Resp: 1614
Ion Ratio	Lower Upper
83 100	
55 125.2	58.6 88.0
98 20.9	39.4 59.2

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 0.485 ug/l

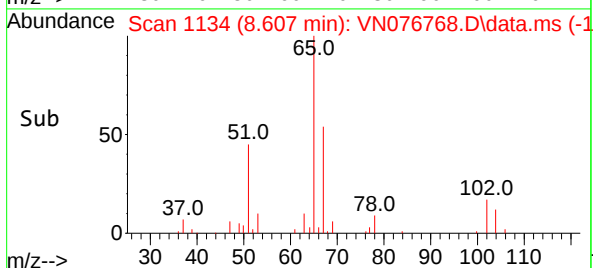
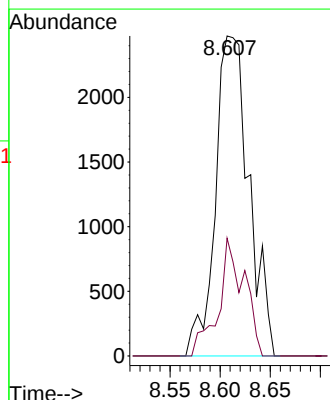
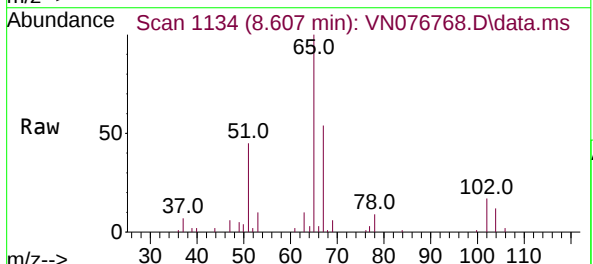
RT: 8.607 min Scan# 1134

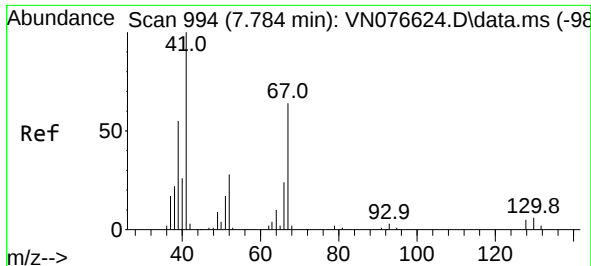
Delta R.T. -0.006 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

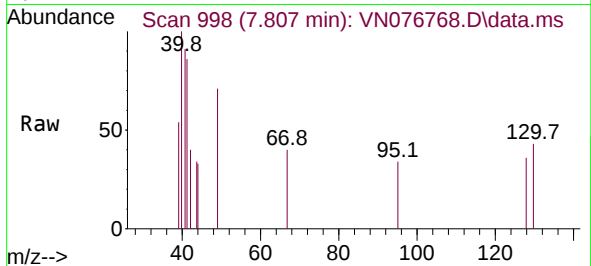
Tgt Ion: 78	Resp: 5774
Ion Ratio	Lower Upper
78 100	
77 36.8	18.2 27.4





#41
Methacrylonitrile
Concen: 0.575 ug/l m
RT: 7.807 min Scan# 994
Delta R.T. 0.023 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

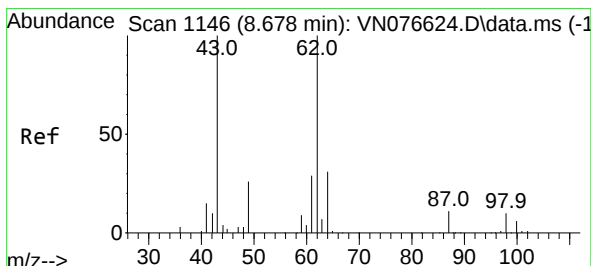
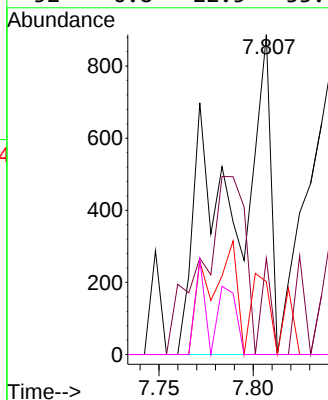
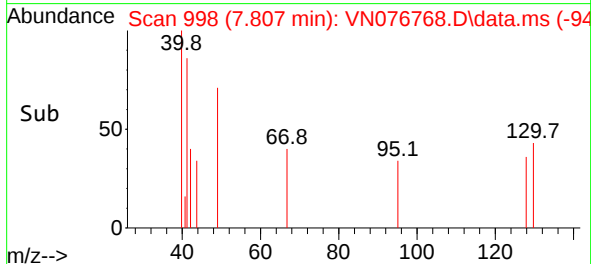
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 41 Resp: 1358
Ion Ratio Lower Upper
41 100
39 65.4 42.6 63.8
67 24.4 51.4 77.0
52 6.8 22.5 33.7

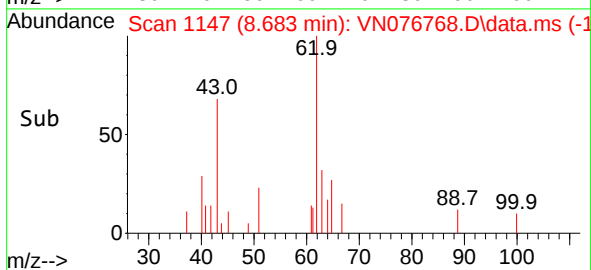
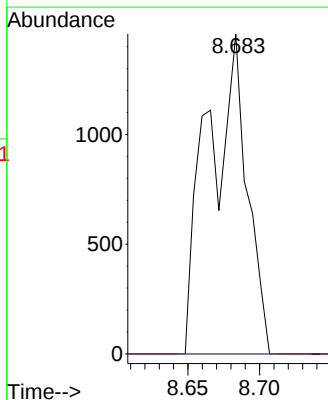
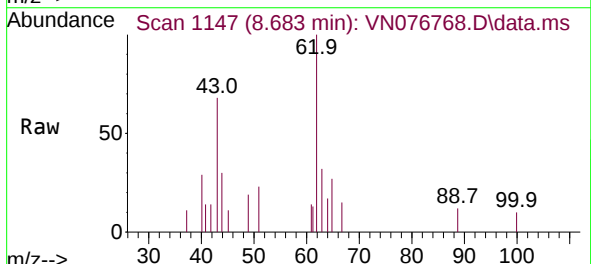
Manual Integrations
APPROVED

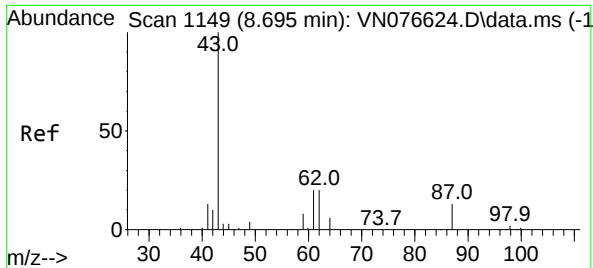
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 0.664 ug/l m
RT: 8.683 min Scan# 1147
Delta R.T. 0.005 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

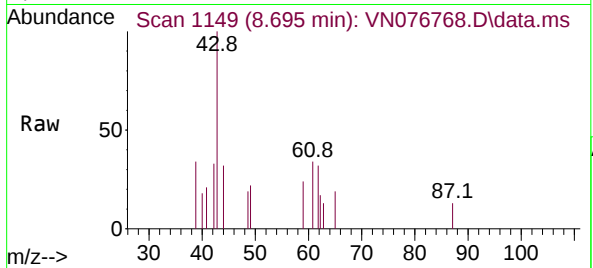
Tgt Ion: 62 Resp: 2755
Ion Ratio Lower Upper
62 100
98 0.0 0.0 19.2





#43
Isopropyl Acetate
Concen: 0.439 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

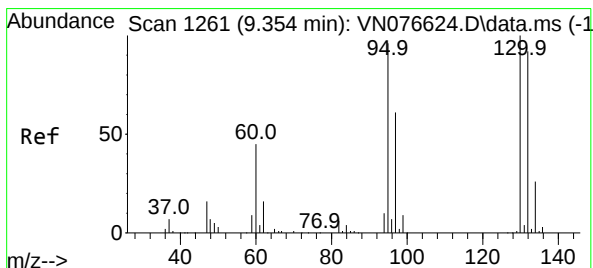
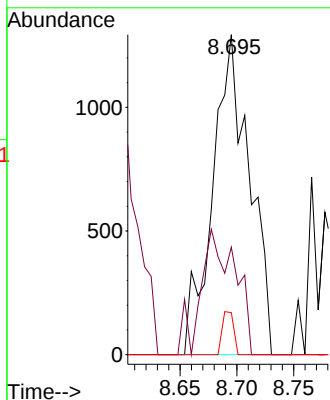
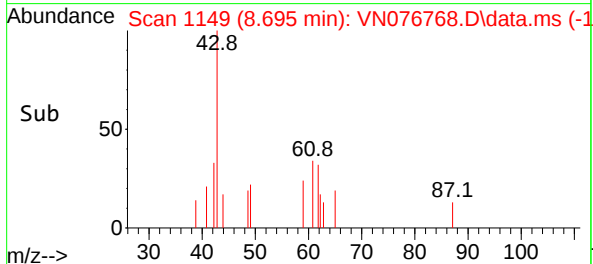
Instrument :
MSVOA_N
ClientSampleId :
MDL08



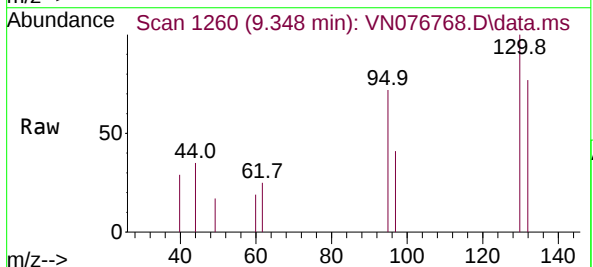
Tgt Ion: 43 Resp: 2915
Ion Ratio Lower Upper
43 100
61 36.9 20.0 30.0
87 4.2 9.9 14.9

Manual Integrations
APPROVED

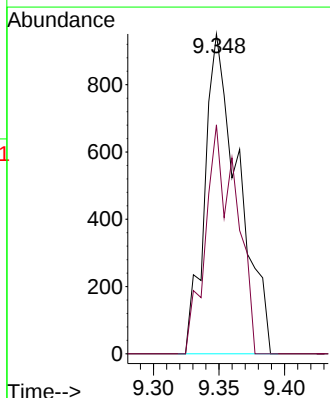
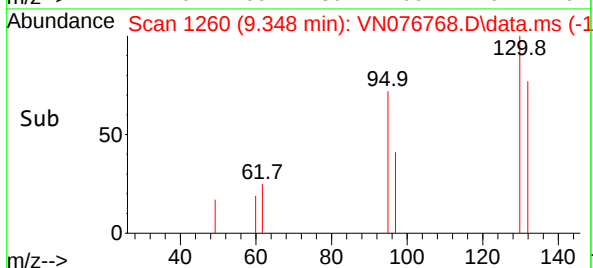
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

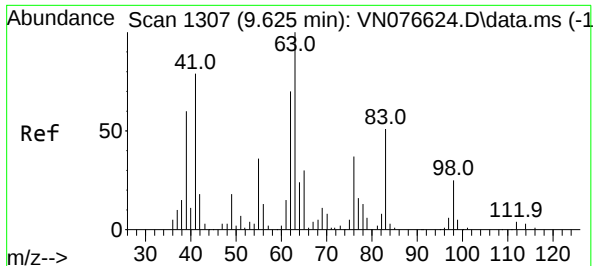


#44
Trichloroethene
Concen: 0.606 ug/l
RT: 9.348 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion:130 Resp: 1705
Ion Ratio Lower Upper
130 100
95 71.6 0.0 191.4





#45

1,2-Dichloropropane

Concen: 0.495 ug/l

RT: 9.630 min Scan# 1308

Delta R.T. 0.005 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

MDL08

Tgt Ion: 63 Resp: 1560

Ion Ratio Lower Upper

63 100

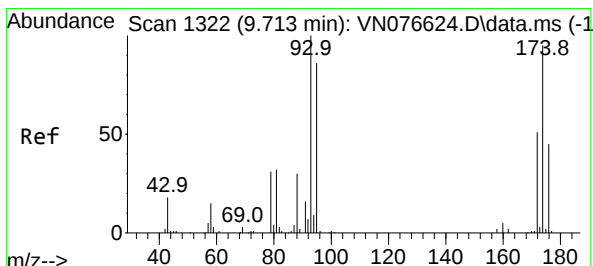
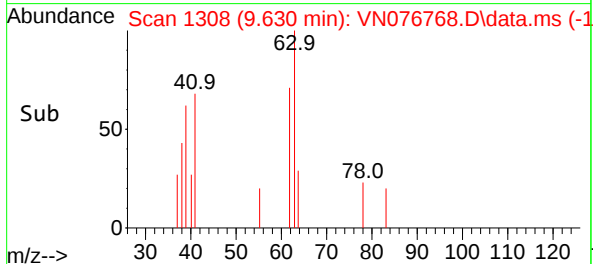
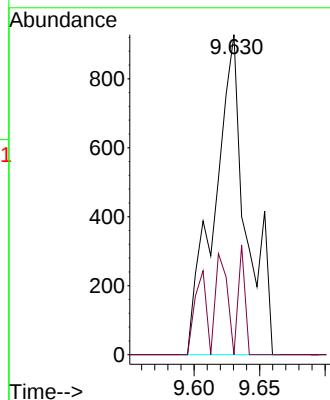
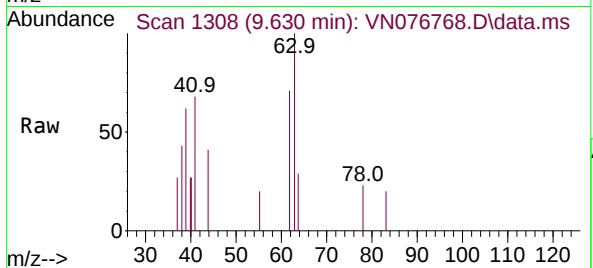
65 0.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 0.504 ug/l m

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

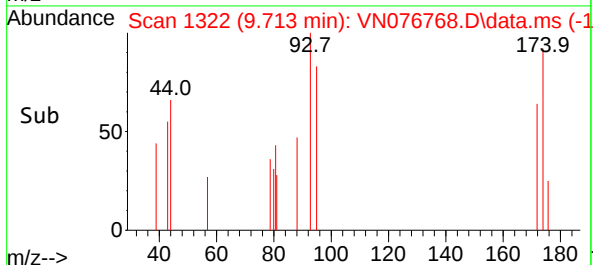
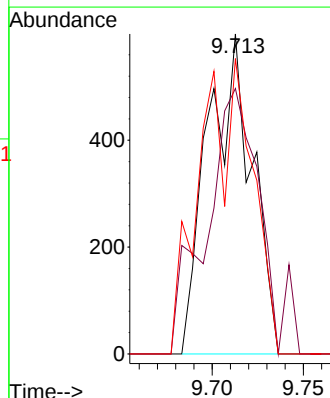
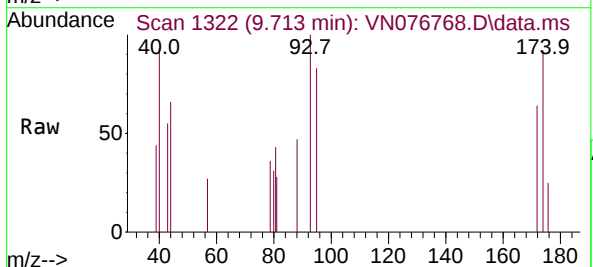
Tgt Ion: 93 Resp: 1014

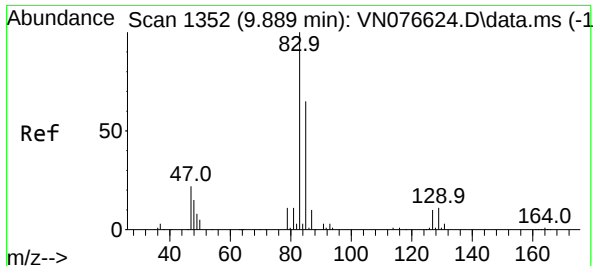
Ion Ratio Lower Upper

93 100

95 101.4 66.0 99.0#

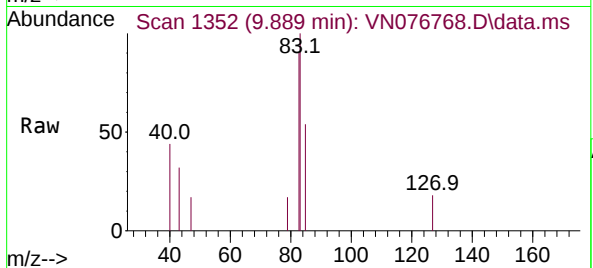
174 57.7 75.8 113.8#





#47
Bromodichloromethane
Concen: 0.585 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

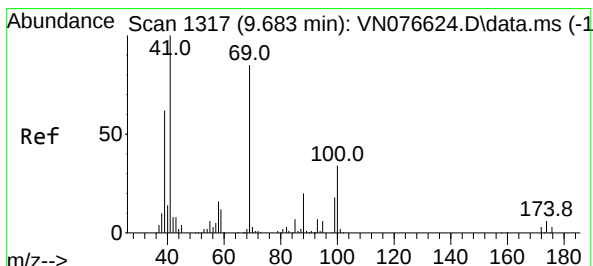
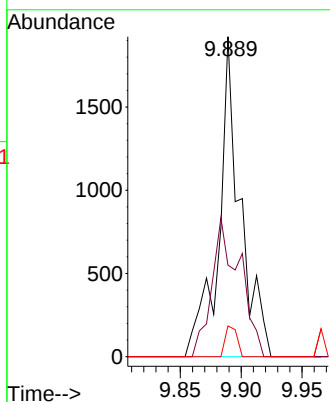
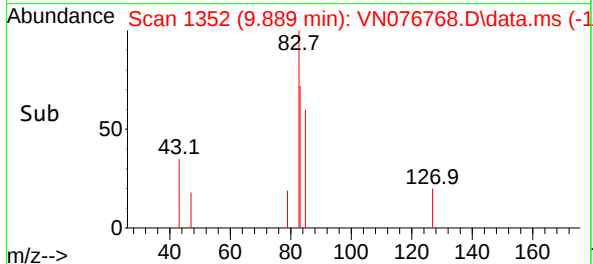
Instrument :
MSVOA_N
ClientSampleId :
MDL08



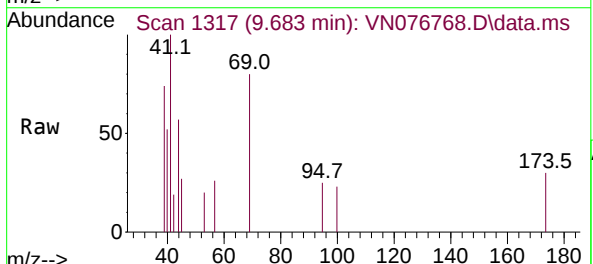
Tgt Ion: 83 Resp: 2362
Ion Ratio Lower Upper
83 100
85 28.6 51.8 77.6
127 9.6 7.9 11.9

Manual Integrations
APPROVED

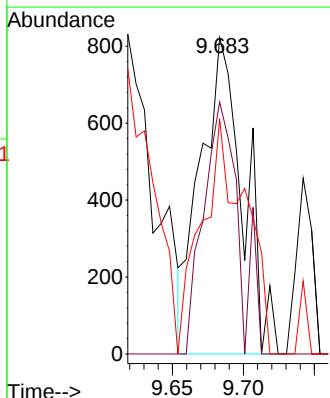
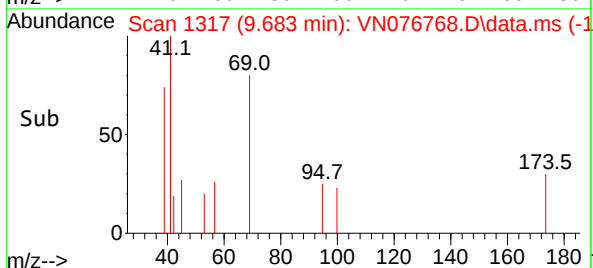
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

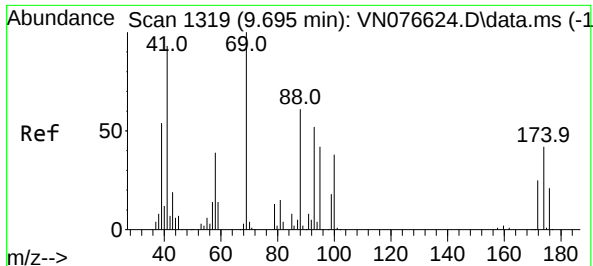


#48
Methyl methacrylate
Concen: 0.545 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion: 41 Resp: 1716
Ion Ratio Lower Upper
41 100
69 65.5 65.4 98.0
39 75.6 49.3 73.9





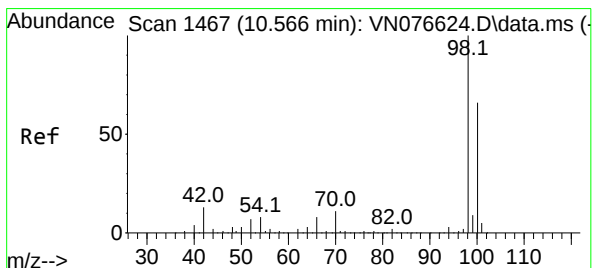
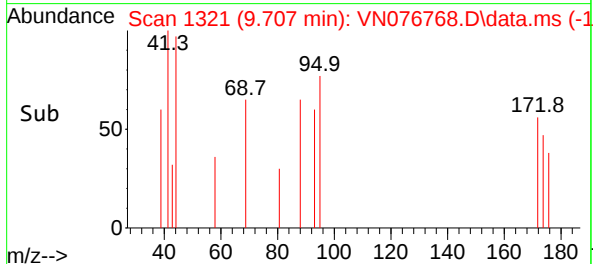
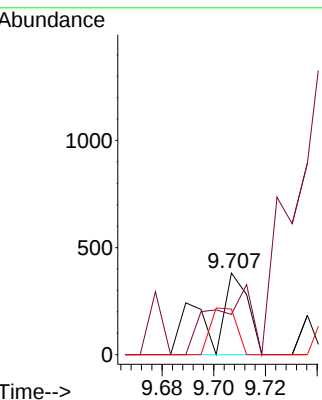
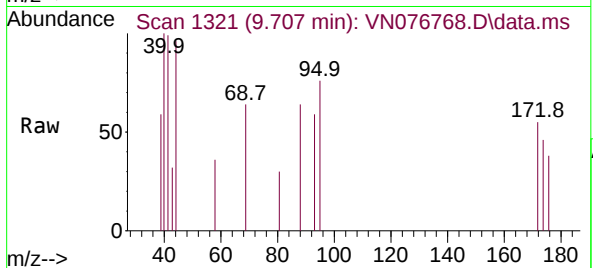
#49
1,4-Dioxane
Concen: 7.218 ug/l m
RT: 9.707 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 88 Resp: 39
Ion Ratio Lower Upper
88 100
43 53.7 22.6 33.8
58 38.7 57.6 86.4

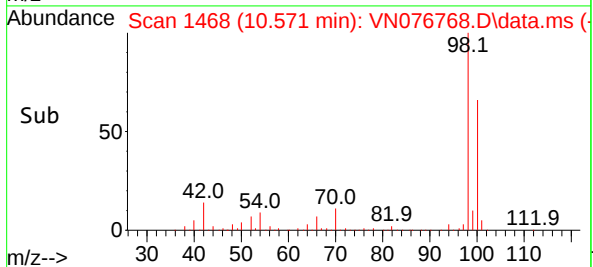
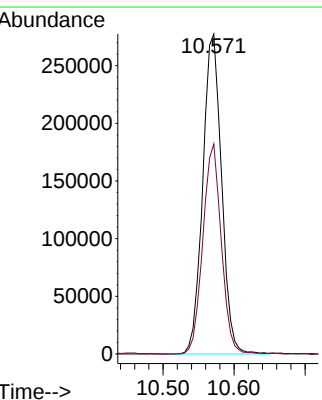
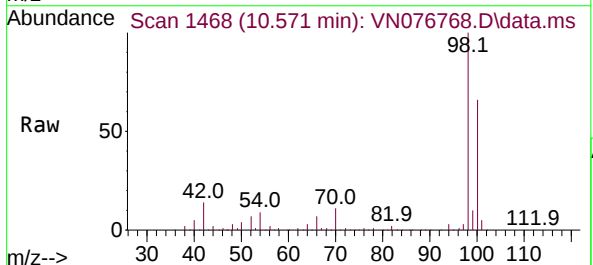
Manual Integrations
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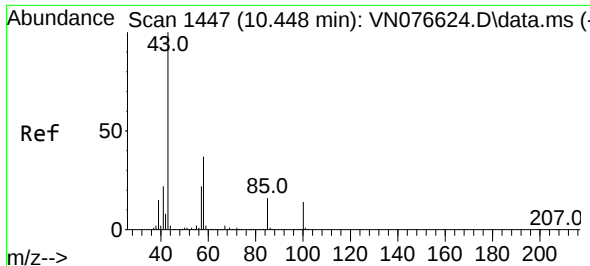
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#50
Toluene-d8
Concen: 50.818 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

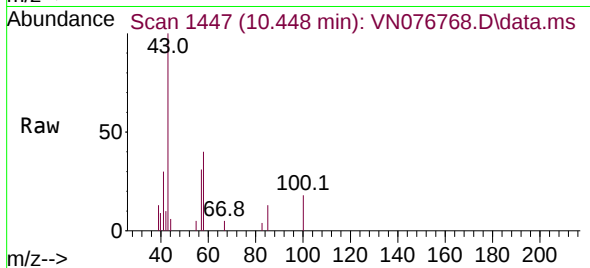
Tgt Ion: 98 Resp: 508940
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 2.097 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

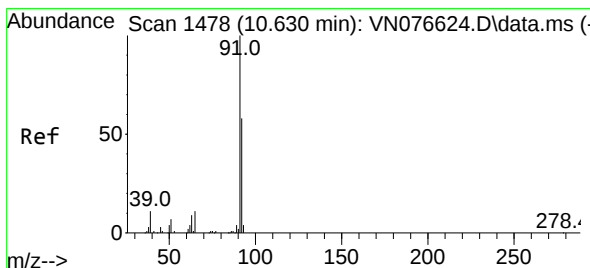
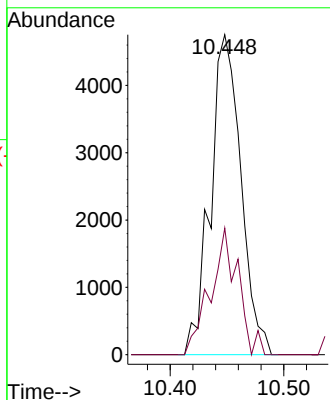
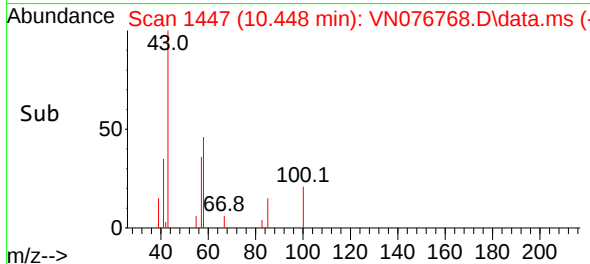
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 43 Resp: 885
Ion Ratio Lower Upper
43 100
58 35.9 29.5 44.3

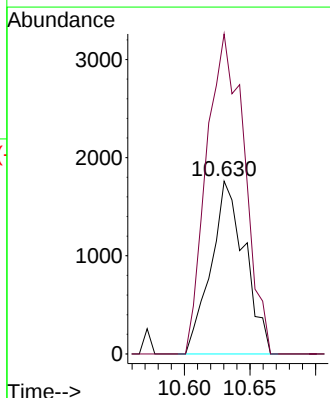
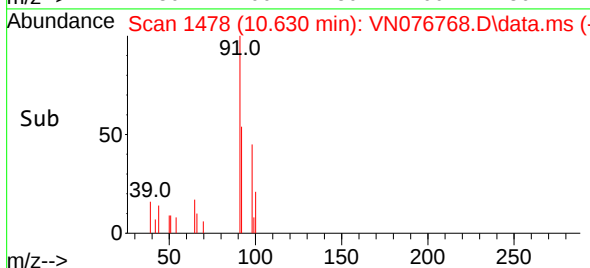
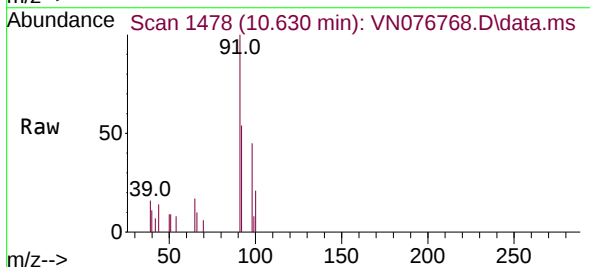
Manual Integrations
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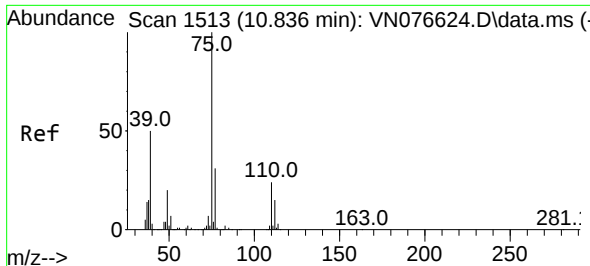
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Toluene
Concen: 0.441 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

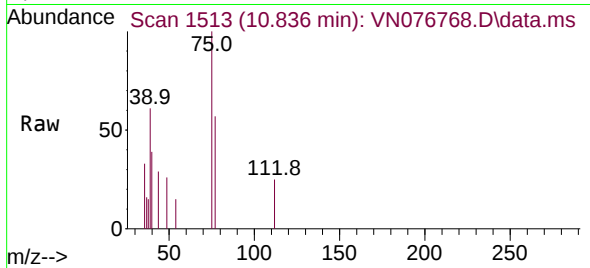
Tgt Ion: 92 Resp: 3168
Ion Ratio Lower Upper
92 100
91 206.4 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 0.409 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

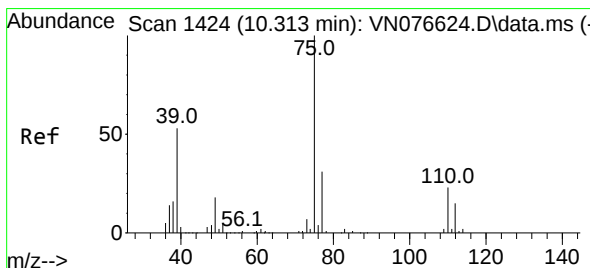
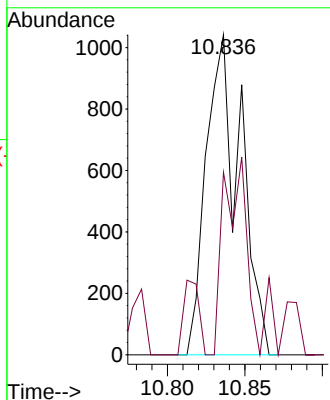
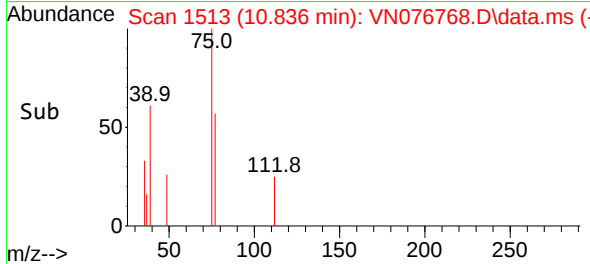
Instrument :
MSVOA_N
ClientSampleId :
MDL08



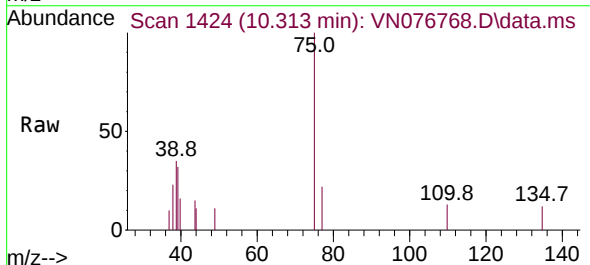
Tgt Ion: 75 Resp: 1594
Ion Ratio Lower Upper
75 100
77 57.0 24.6 37.0#

Manual Integrations
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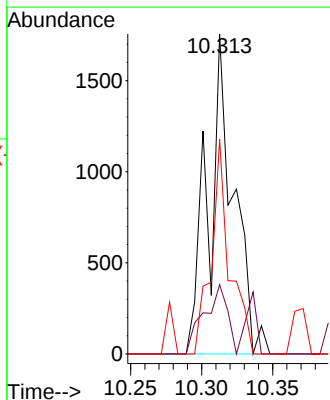
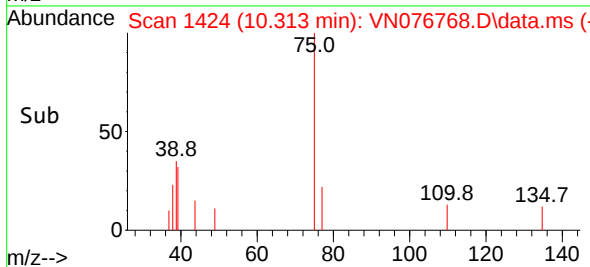
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

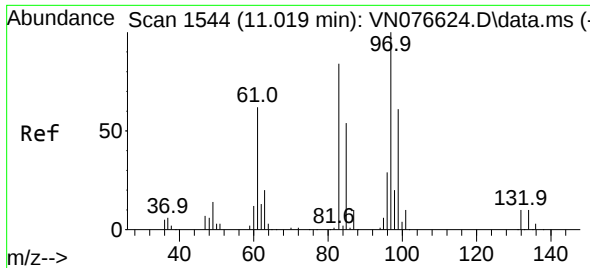


#54
cis-1,3-Dichloropropene
Concen: 0.480 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



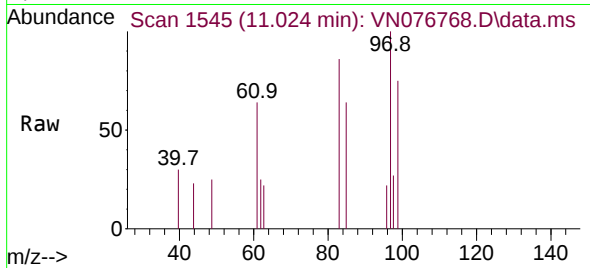
Tgt Ion: 75 Resp: 2157
Ion Ratio Lower Upper
75 100
77 21.6 25.1 37.7#
39 67.1 42.3 63.5#





#55
1,1,2-Trichloroethane
Concen: 0.535 ug/l
RT: 11.024 min Scan# 1544
Delta R.T. 0.005 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

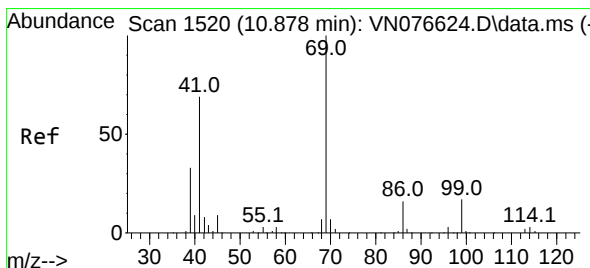
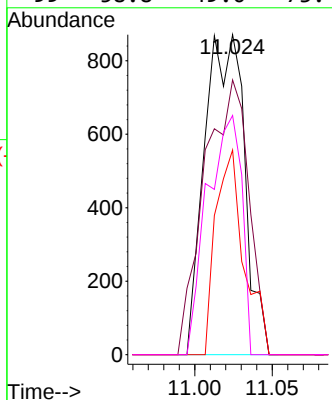
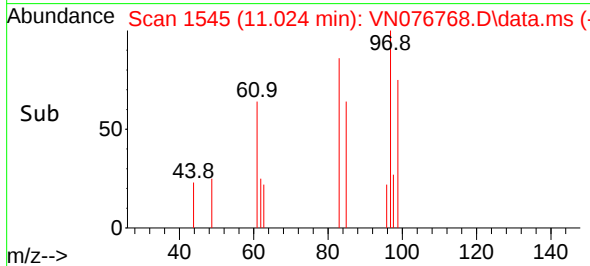
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion: 97 Resp: 1562
Ion Ratio Lower Upper
97 100
83 67.5 67.3 100.9
85 50.3 43.2 64.8
99 58.8 49.0 73.4

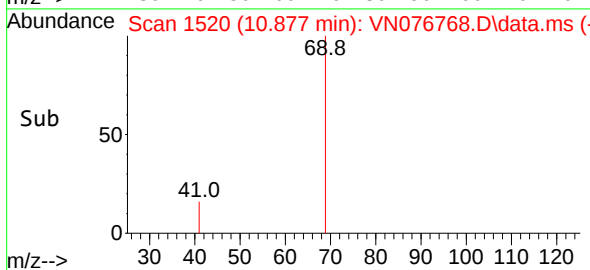
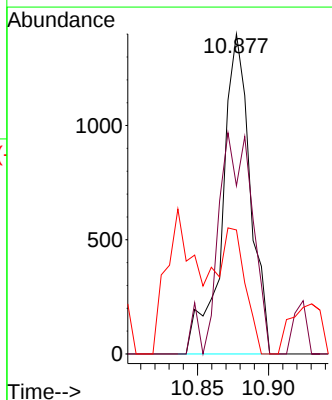
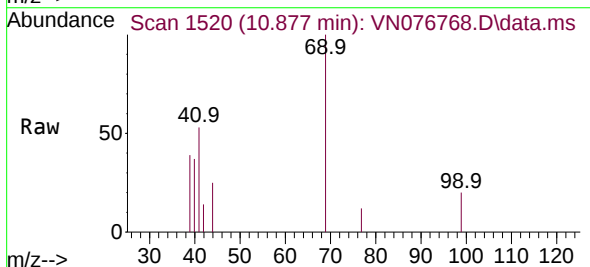
Manual Integrations
APPROVED

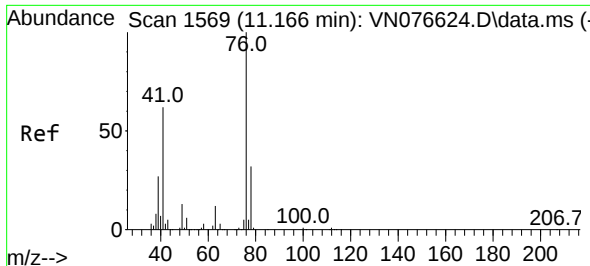
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
Ethyl methacrylate
Concen: 0.468 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 69 Resp: 1925
Ion Ratio Lower Upper
69 100
41 84.6 55.1 82.7#
39 28.7 30.7 46.1#





#57

1,3-Dichloropropane

Concen: 0.532 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

MDL08

Tgt Ion: 76 Resp: 2668

Ion Ratio Lower Upper

76 100

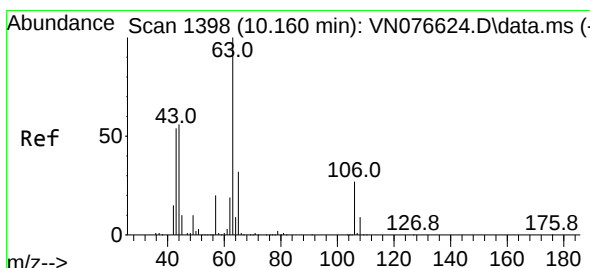
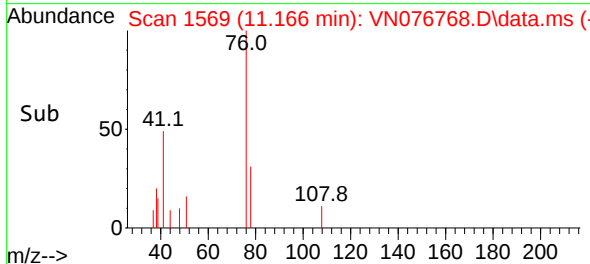
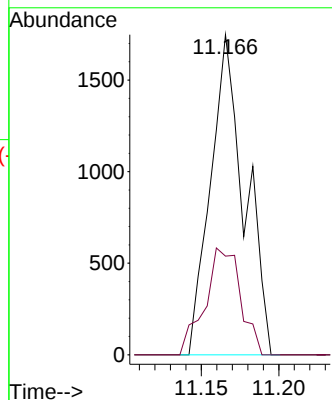
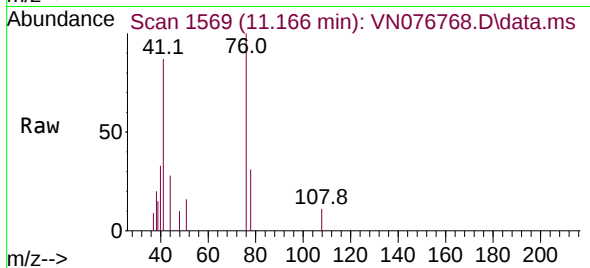
78 34.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#58

2-Chloroethyl Vinyl ether

Concen: 2.031 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN076768.D

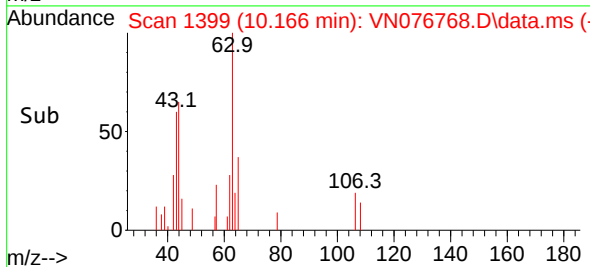
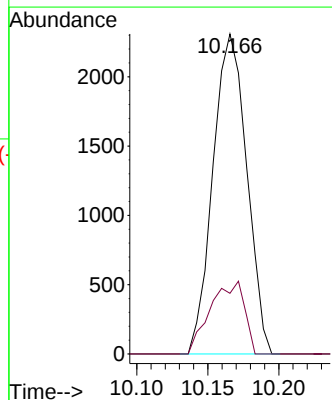
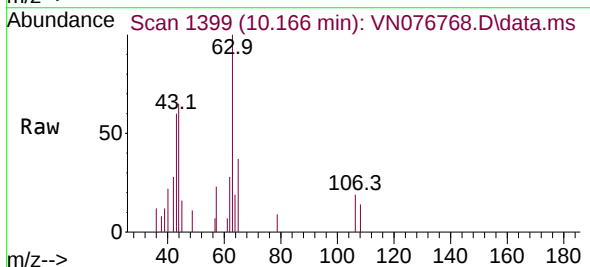
Acq: 22 Feb 2023 13:55

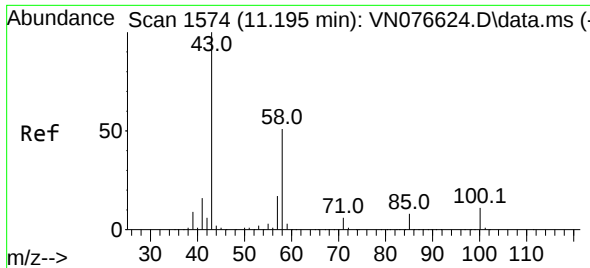
Tgt Ion: 63 Resp: 3825

Ion Ratio Lower Upper

63 100

106 22.9 22.3 33.5





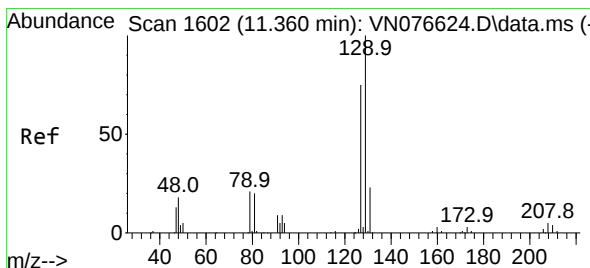
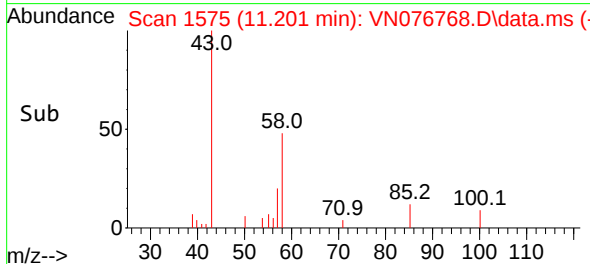
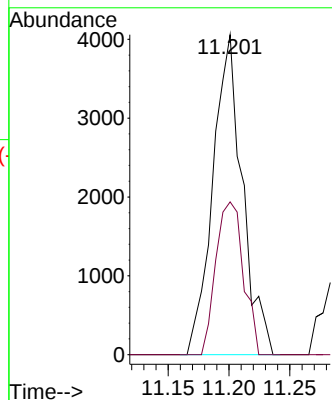
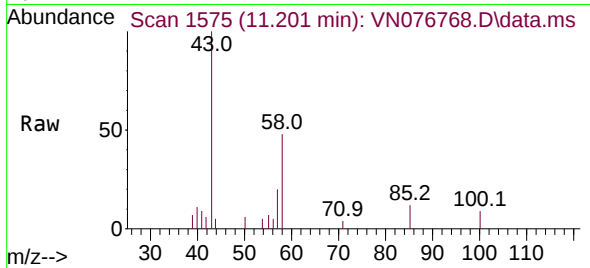
#59
2-Hexanone
Concen: 2.250 ug/l
RT: 11.201 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 43 Resp: 6840
Ion Ratio Lower Upper
43 100
58 44.4 25.4 76.0

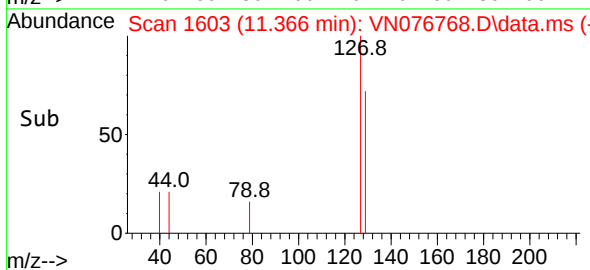
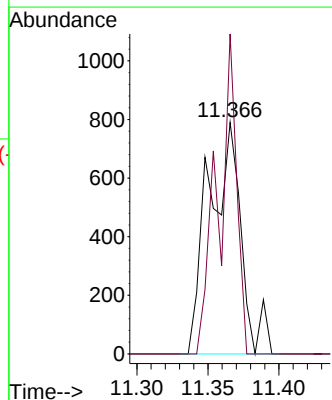
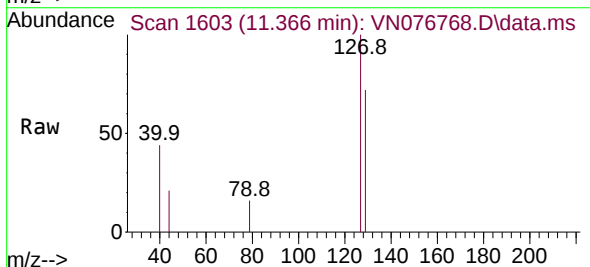
Manual Integrations
APPROVED

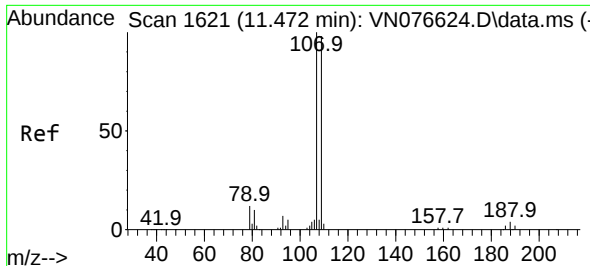
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 0.407 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion:129 Resp: 1253
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





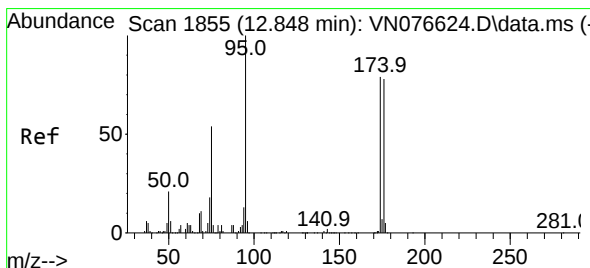
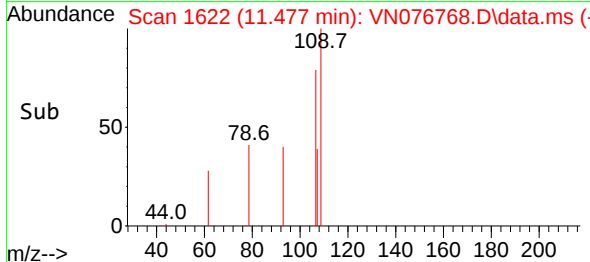
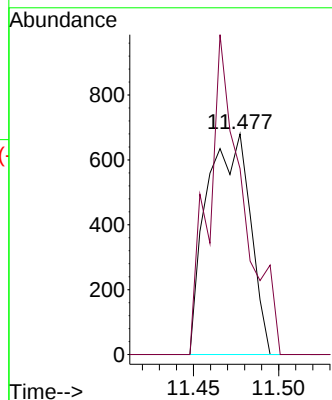
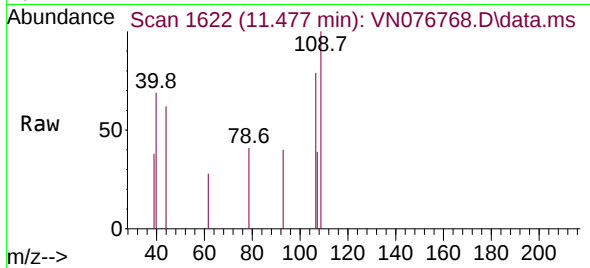
#61
1,2-Dibromoethane
Concen: 0.411 ug/l
RT: 11.477 min Scan# 1621
Delta R.T. 0.005 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion:107 Resp: 120
Ion Ratio Lower Upper
107 100
109 113.8 76.8 115.2

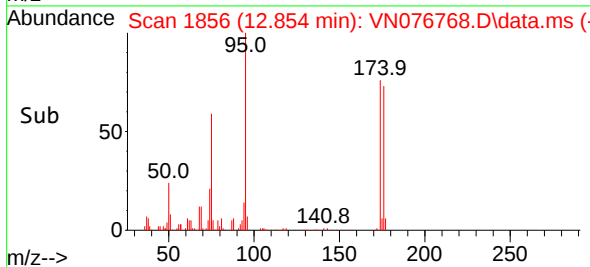
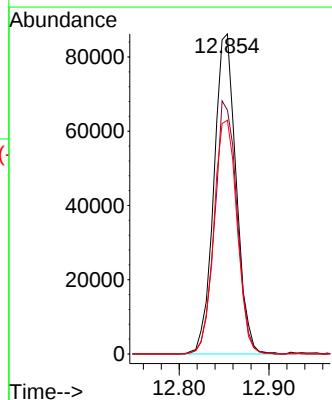
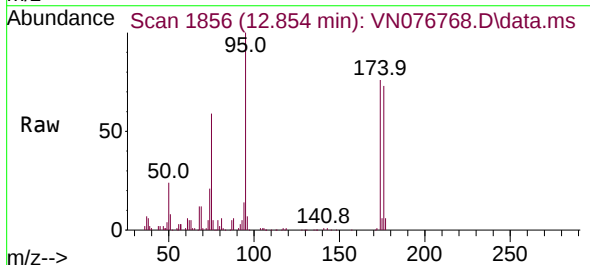
Manual Integrations
APPROVED

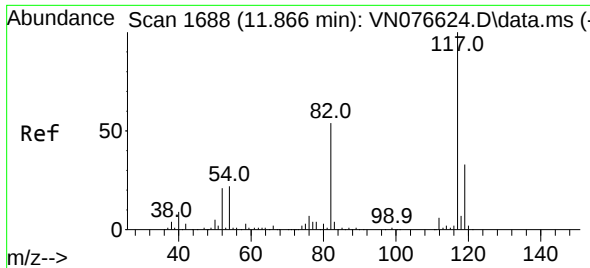
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62
4-Bromofluorobenzene
Concen: 44.760 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

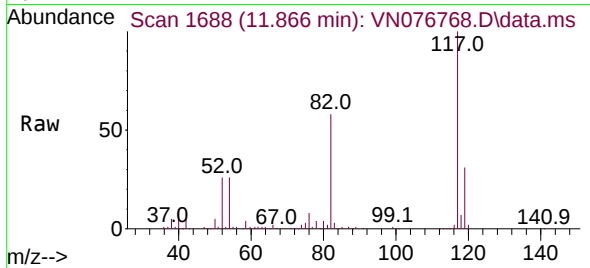
Tgt Ion: 95 Resp: 148467
Ion Ratio Lower Upper
95 100
174 79.4 0.0 169.2
176 75.9 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

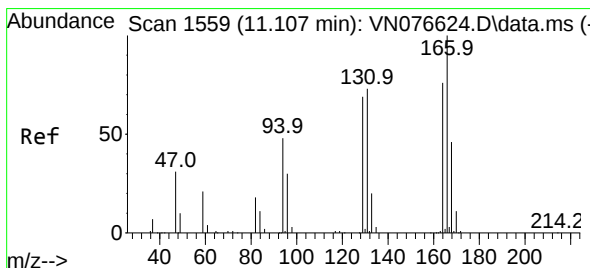
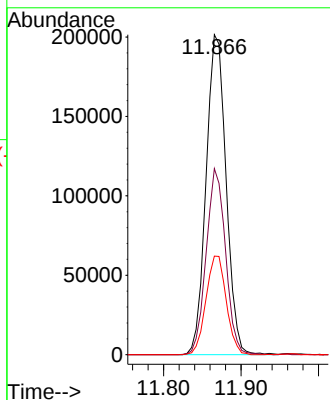
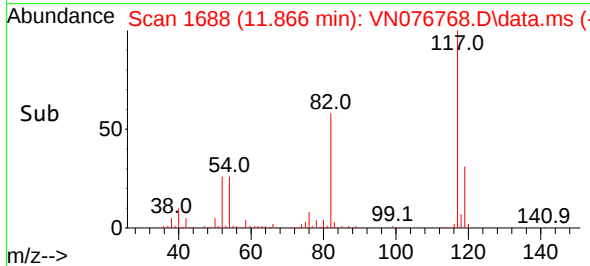
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion:117 Resp: 361662
Ion Ratio Lower Upper
117 100
82 58.1 43.4 65.2
119 30.8 26.1 39.1

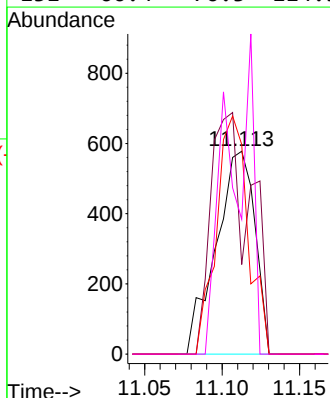
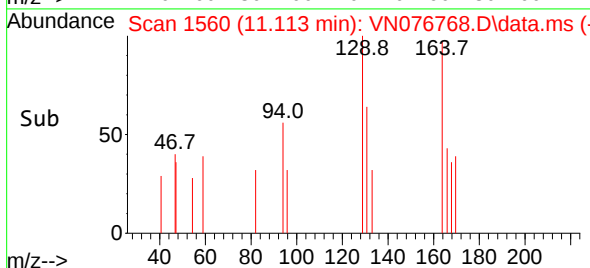
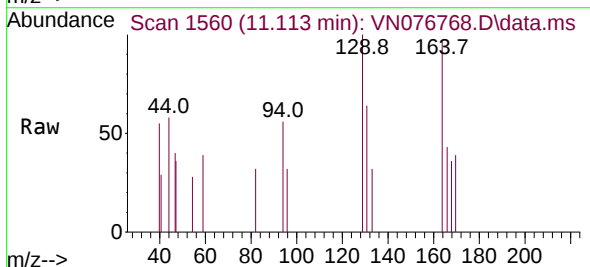
Manual Integrations
APPROVED

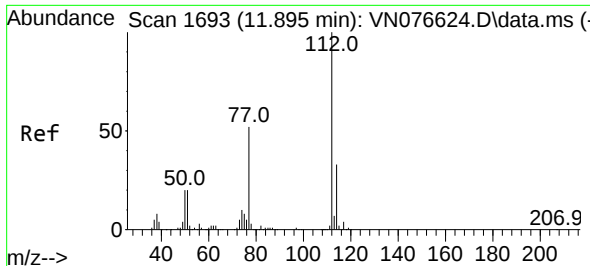
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 0.441 ug/l
RT: 11.113 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

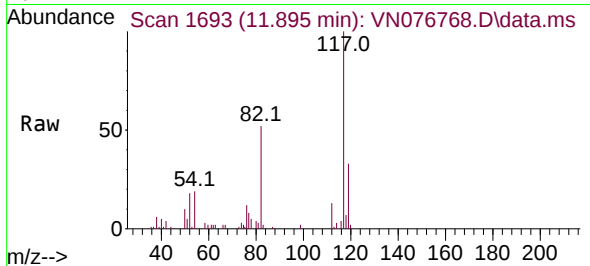
Tgt Ion:164 Resp: 1005
Ion Ratio Lower Upper
164 100
166 44.1 104.8 157.2#
129 103.3 72.2 108.2
131 66.4 76.3 114.5#





#65
Chlorobenzene
Concen: 0.450 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

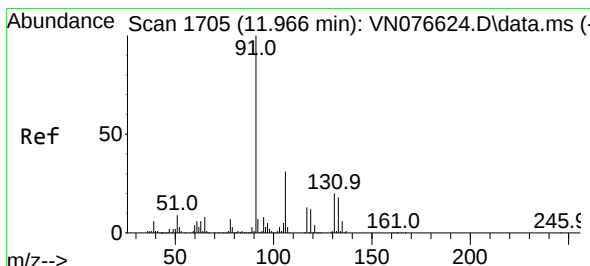
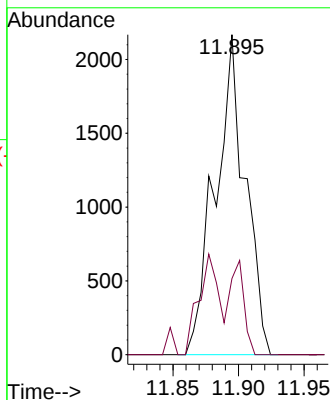
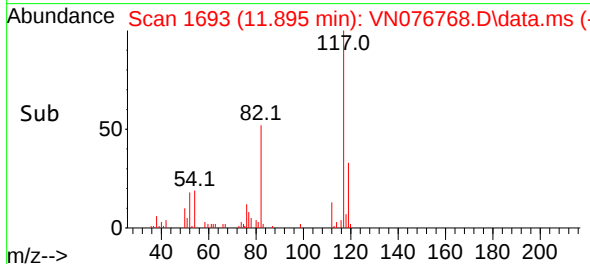
Instrument :
MSVOA_N
ClientSampleId :
MDL08



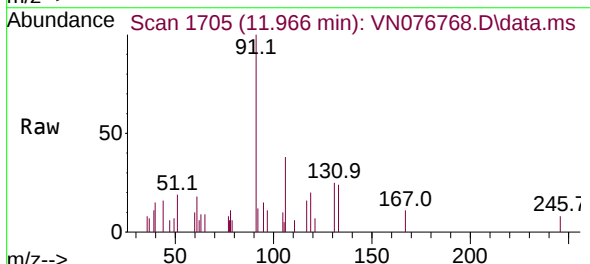
Tgt Ion:112 Resp: 344
Ion Ratio Lower Upper
112 100
114 23.8 26.4 39.6

Manual Integrations
APPROVED

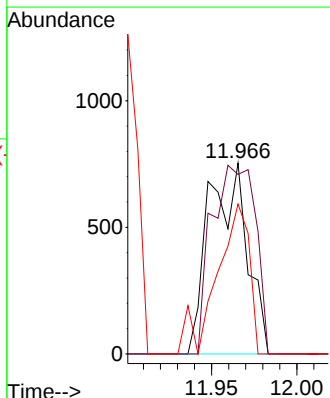
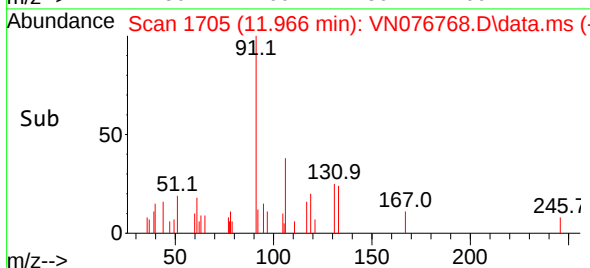
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

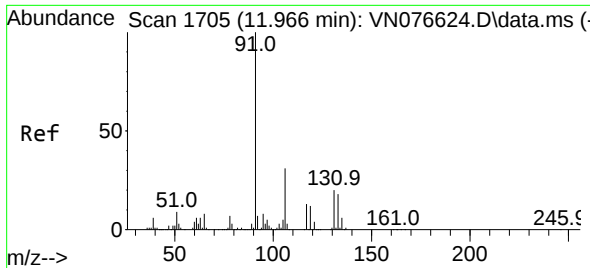


#66
1,1,1,2-Tetrachloroethane
Concen: 0.426 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion:131 Resp: 1185
Ion Ratio Lower Upper
131 100
133 111.9 47.0 141.0
119 0.0 32.3 96.8





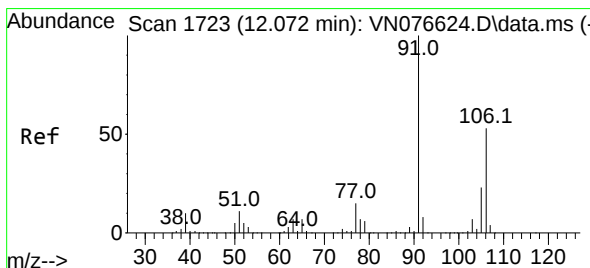
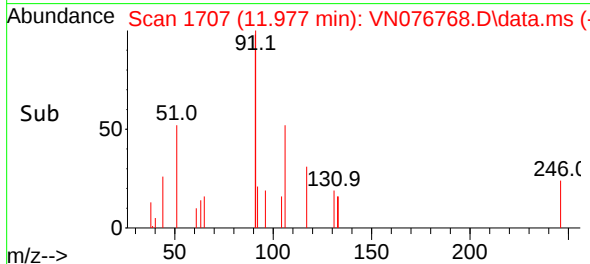
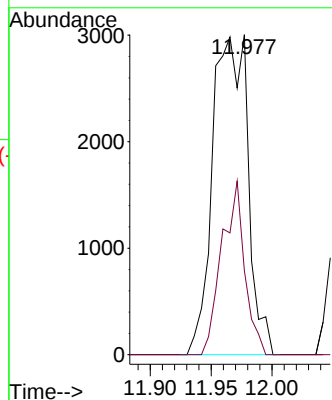
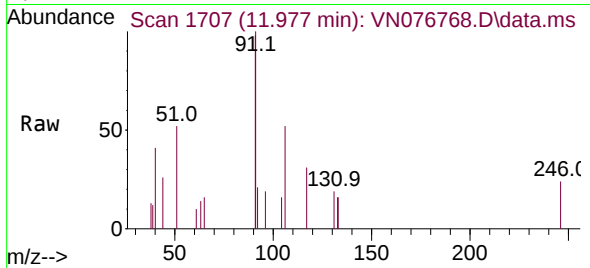
#67
Ethyl Benzene
Concen: 0.463 ug/l
RT: 11.977 min Scan# 1707
Delta R.T. 0.011 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 91 Resp: 6050
Ion Ratio Lower Upper
91 100
106 26.3 25.1 37.7

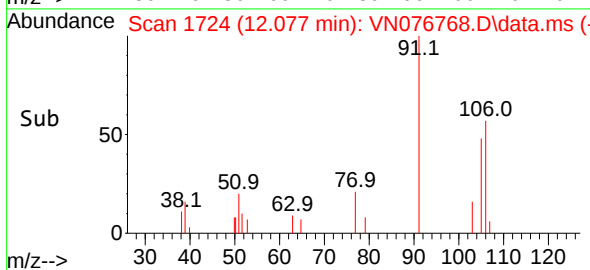
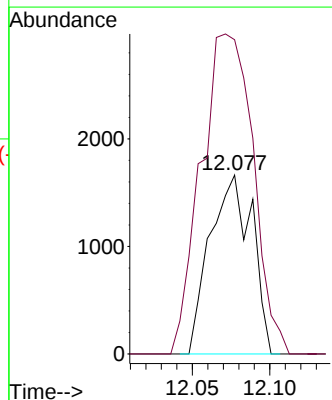
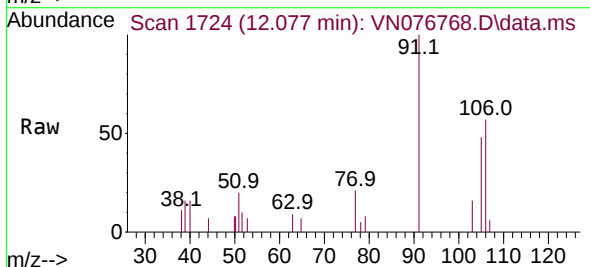
Manual Integrations
APPROVED

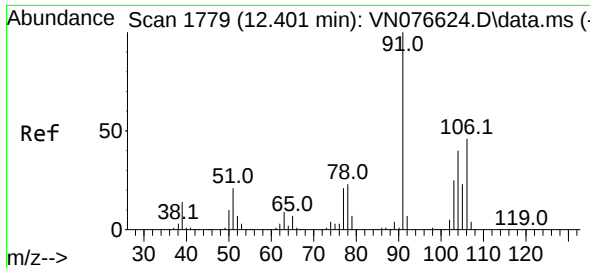
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
m/p-Xylenes
Concen: 0.624 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.005 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion:106 Resp: 3143
Ion Ratio Lower Upper
106 100
91 221.3 154.7 232.1





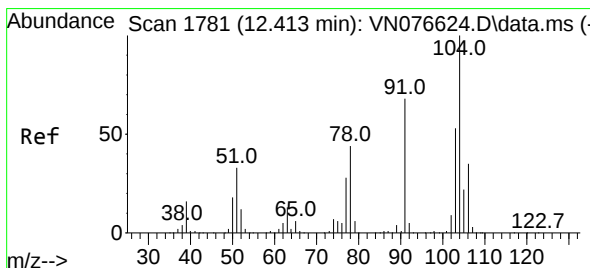
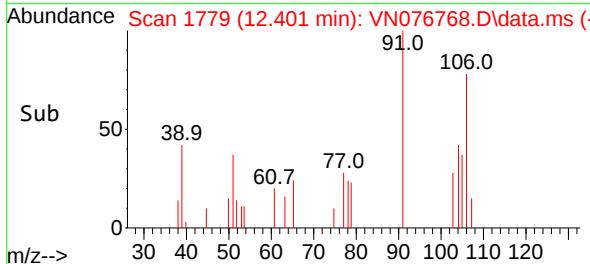
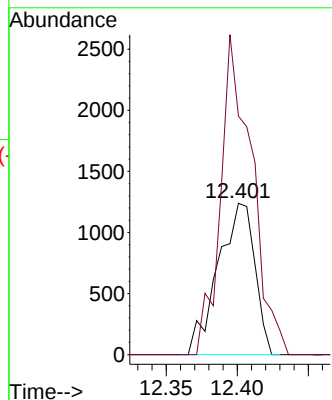
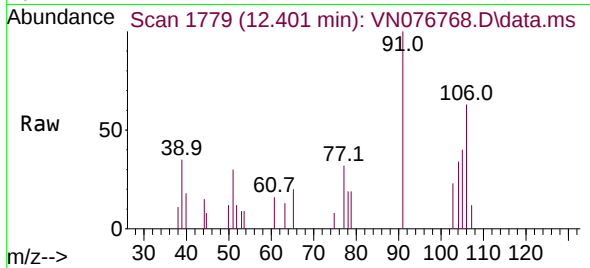
#69
o-Xylene
Concen: 0.454 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion:106 Resp: 222
Ion Ratio Lower Upper
106 100
91 179.6 105.8 317.4

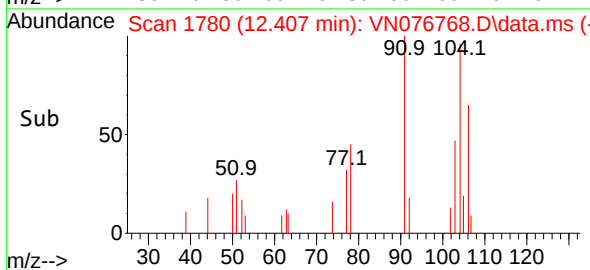
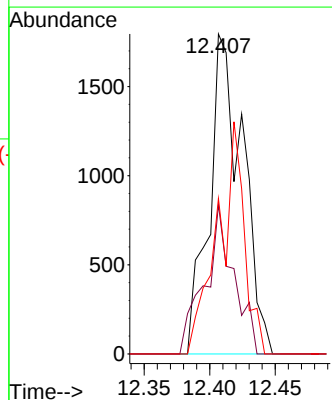
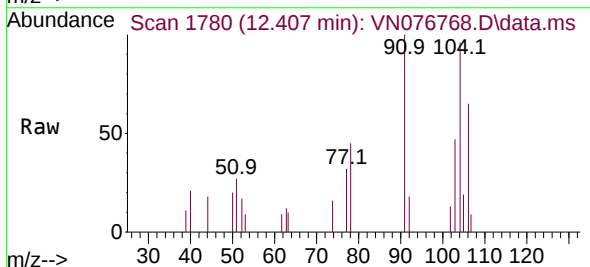
Manual Integrations
APPROVED

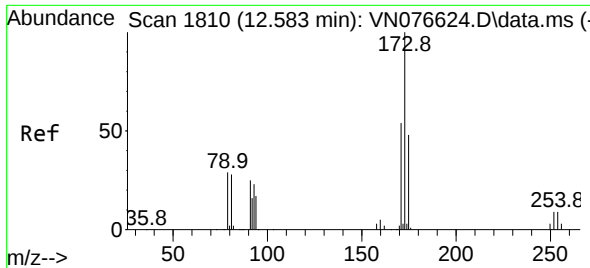
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 0.401 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

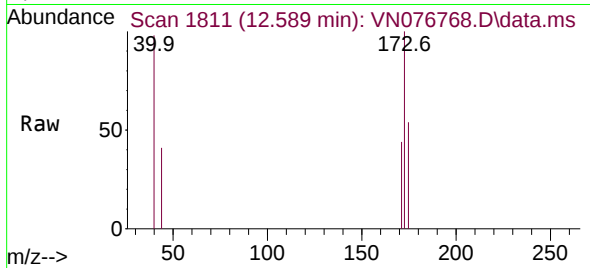
Tgt Ion:104 Resp: 3187
Ion Ratio Lower Upper
104 100
78 40.1 38.2 57.4
103 56.6 44.2 66.4





#71
Bromoform
Concen: 0.343 ug/l
RT: 12.589 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

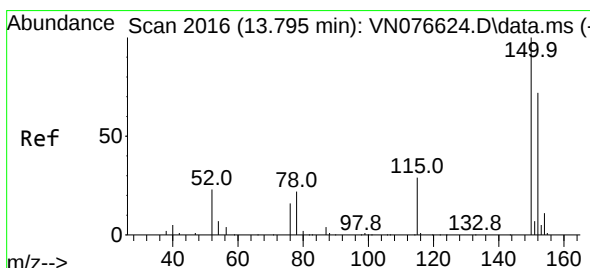
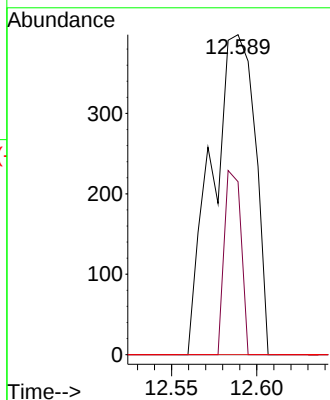
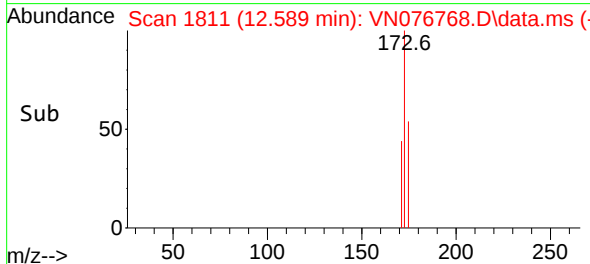
Instrument :
MSVOA_N
ClientSampleId :
MDL08



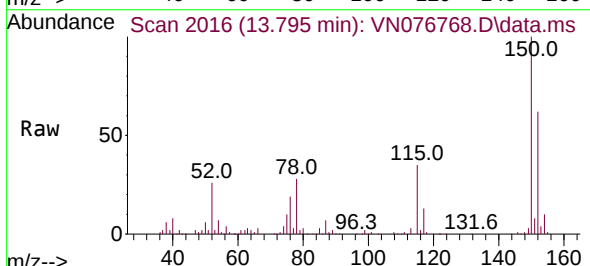
Tgt Ion:173 Resp: 70
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7
254 0.0 0.1 0.1

Manual Integrations
APPROVED

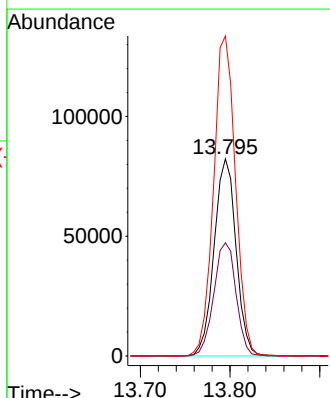
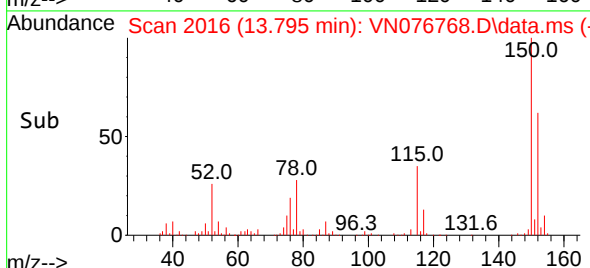
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

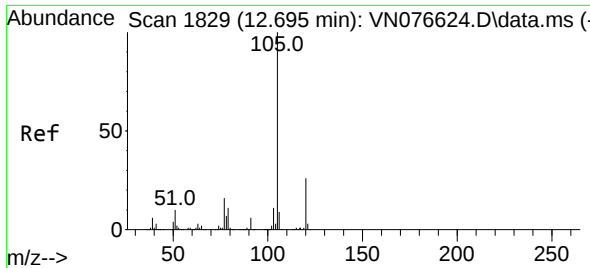


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion:152 Resp: 139835
Ion Ratio Lower Upper
152 100
115 58.3 29.3 87.9
150 162.0 0.0 349.8





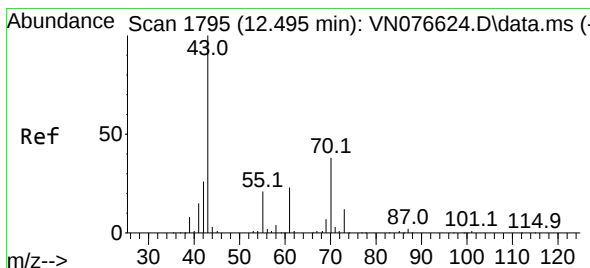
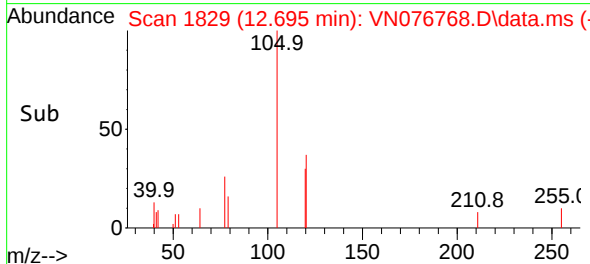
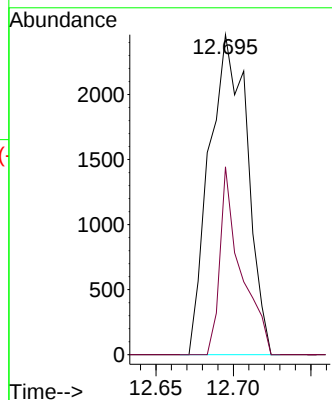
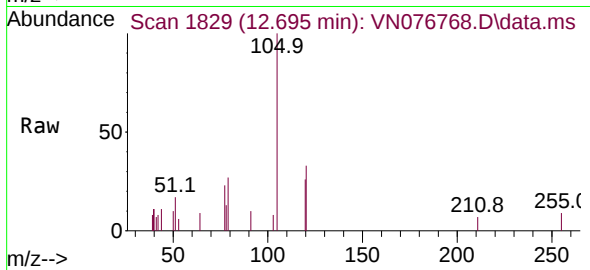
#73
Isopropylbenzene
Concen: 0.409 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion:105 Resp: 4188
Ion Ratio Lower Upper
105 100
120 32.4 13.7 41.0

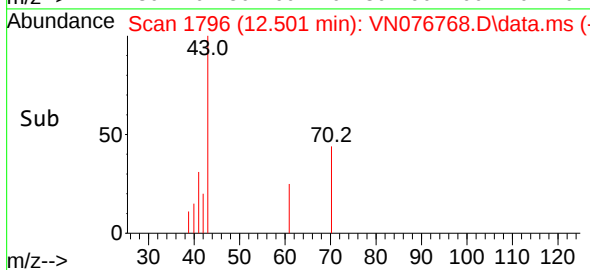
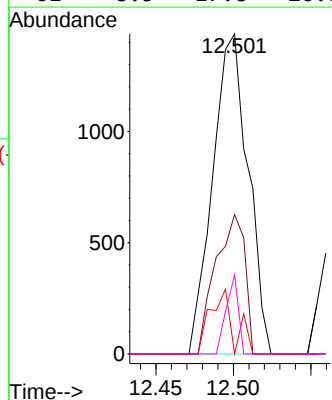
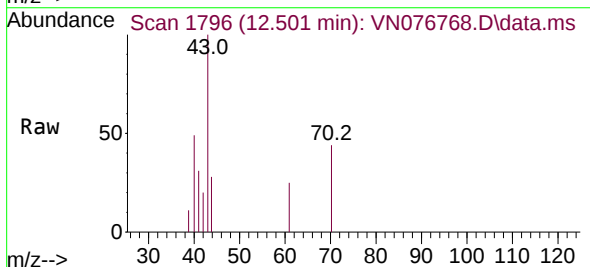
Manual Integrations
APPROVED

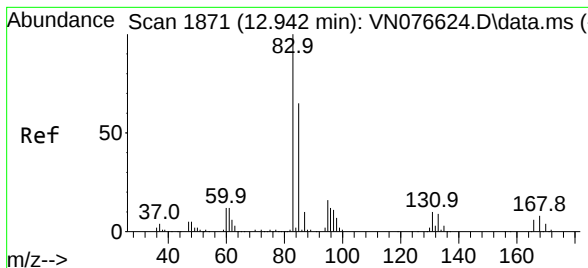
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 0.494 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

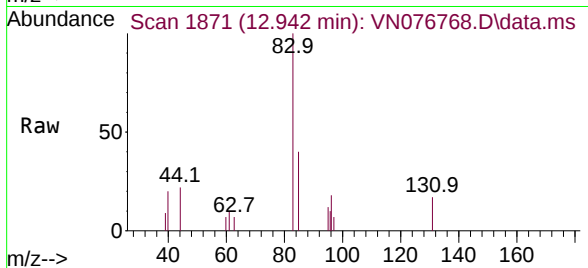
Tgt Ion: 43 Resp: 2282
Ion Ratio Lower Upper
43 100
70 36.0 30.5 45.7
55 13.4 17.8 26.8#
61 8.5 17.8 26.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.612 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

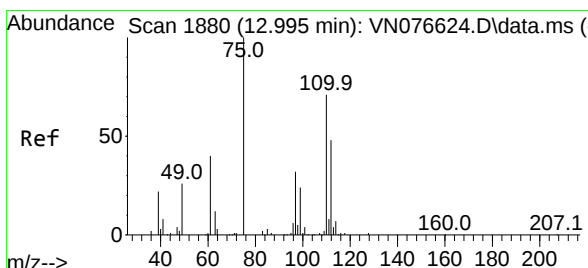
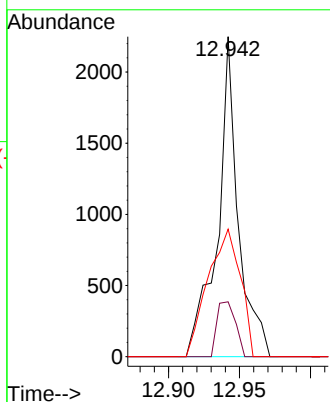
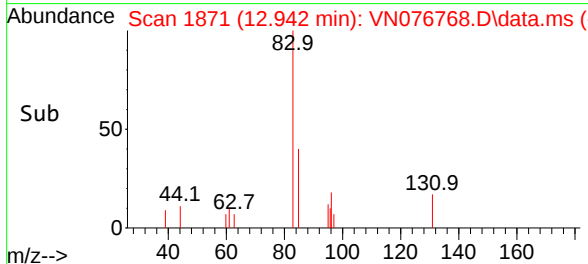
Instrument : MSVOA_N
ClientSampleId : MDL08



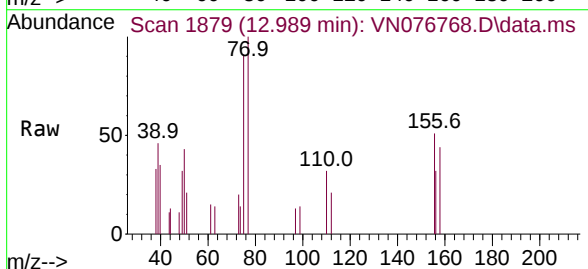
Tgt Ion: 83 Resp: 2272
Ion Ratio Lower Upper
83 100
131 15.4 5.0 15.0
85 62.5 31.8 95.3

Manual Integrations
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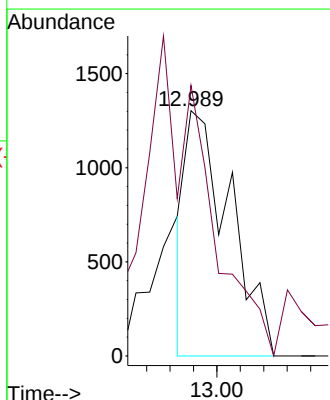
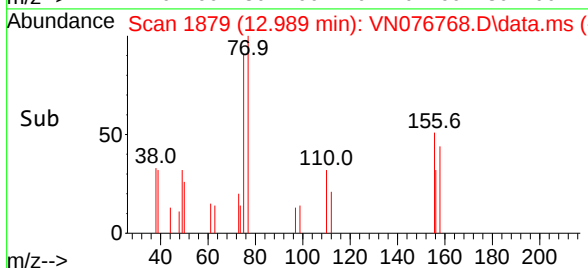
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

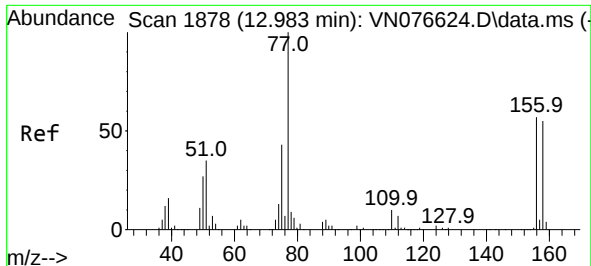


#76
1,2,3-Trichloropropane
Concen: 0.605 ug/l m
RT: 12.989 min Scan# 1879
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



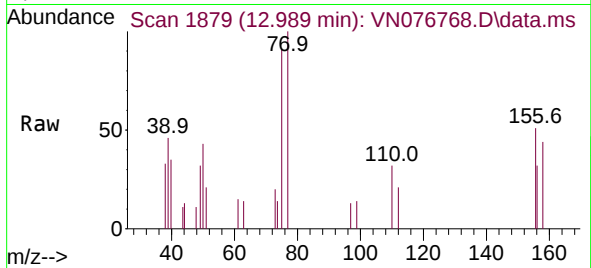
Tgt Ion: 75 Resp: 1710
Ion Ratio Lower Upper
75 100
77 53.6 93.1 279.3#





#77
Bromobenzene
Concen: 0.637 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

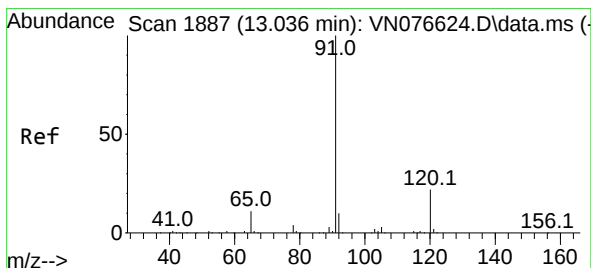
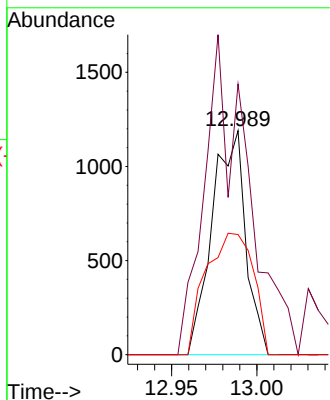
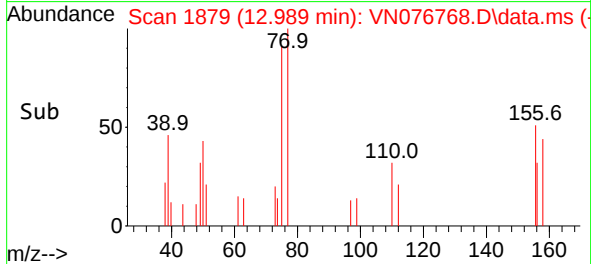
Instrument :
MSVOA_N
ClientSampleId :
MDL08



Tgt Ion:156 Resp: 1630
Ion Ratio Lower Upper
156 100
77 182.9 102.8 308.4
158 76.7 48.9 146.6

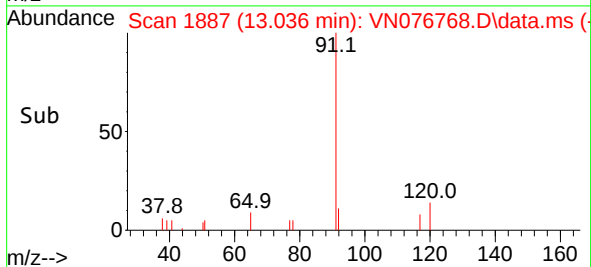
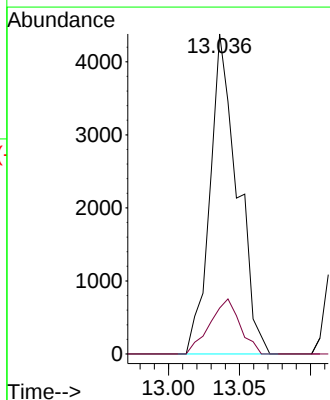
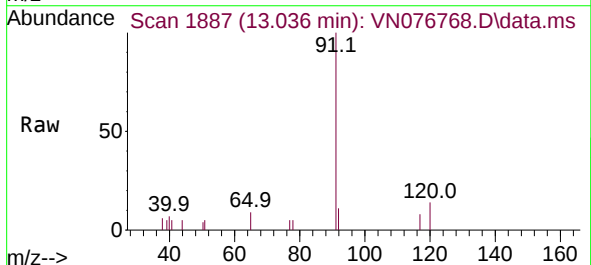
Manual Integrations
APPROVED

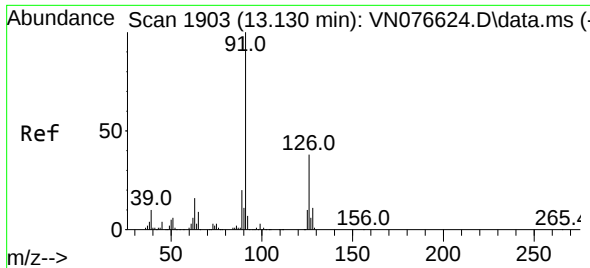
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
n-propylbenzene
Concen: 0.491 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 91 Resp: 5905
Ion Ratio Lower Upper
91 100
120 18.9 11.5 34.5





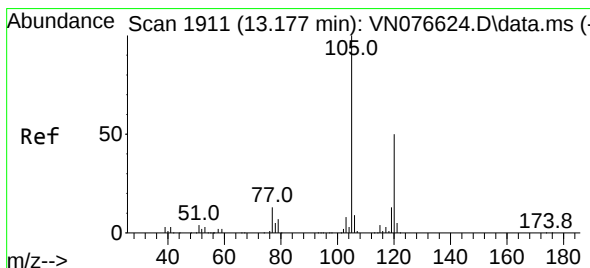
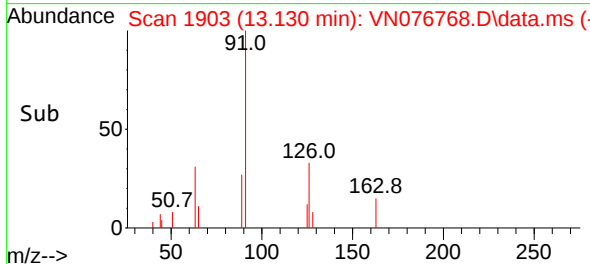
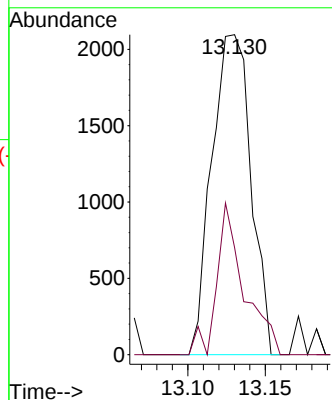
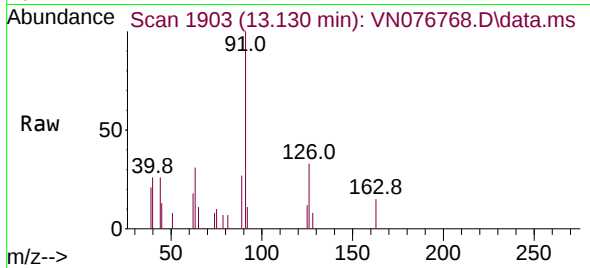
#79
2-Chlorotoluene
Concen: 0.500 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
126 33.1 17.7 53.1

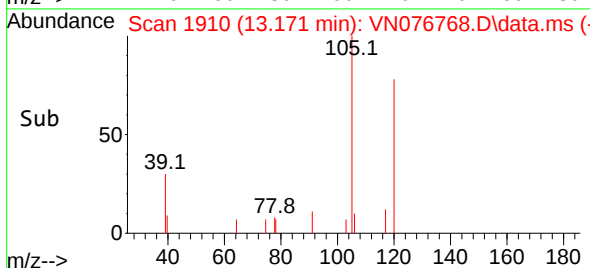
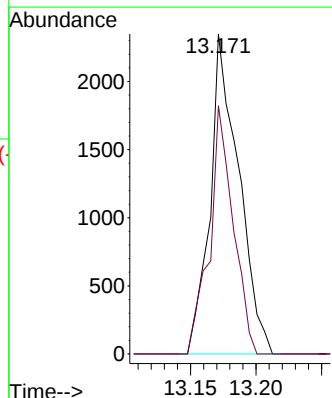
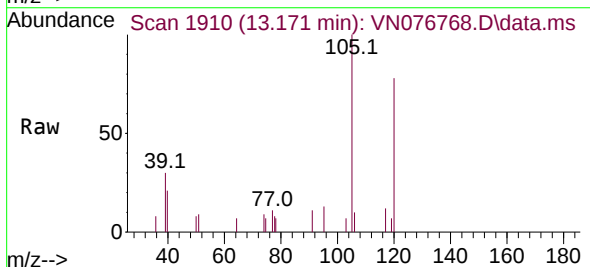
Manual Integrations
APPROVED

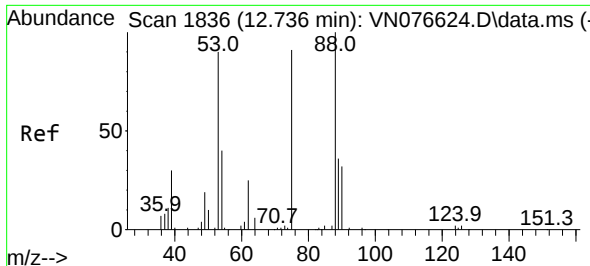
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.421 ug/l
RT: 13.171 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

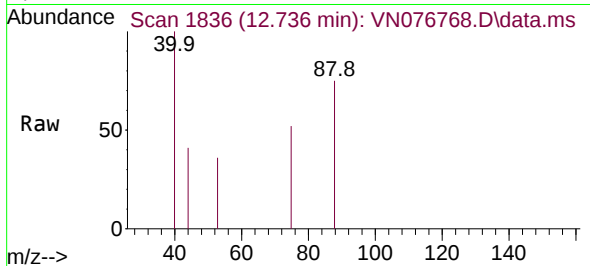
Tgt Ion:105 Resp: 3566
Ion Ratio Lower Upper
105 100
120 63.9 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.323 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

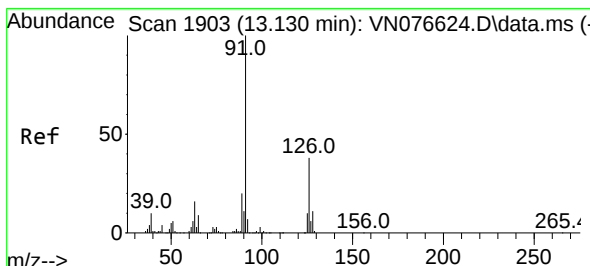
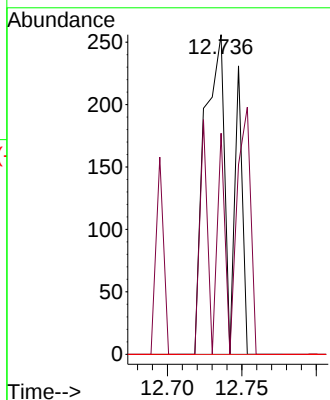
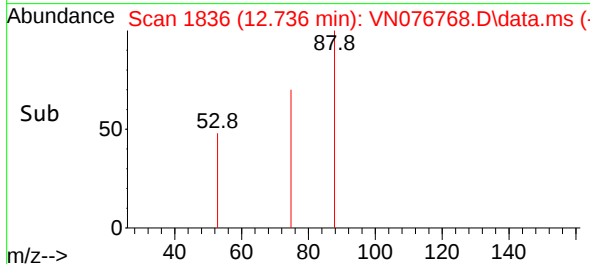
Instrument :
MSVOA_N
ClientSampleId :
MDL08



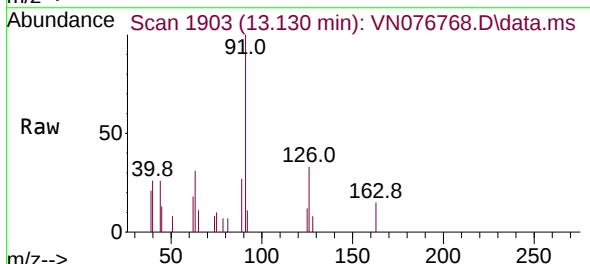
Tgt Ion: 75 Resp: 314
Ion Ratio Lower Upper
75 100
53 0.0 92.1 138.1
89 17.2 37.5 56.3

Manual Integrations
APPROVED

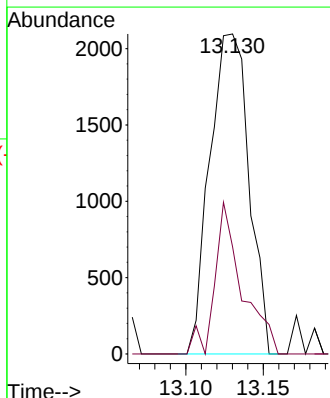
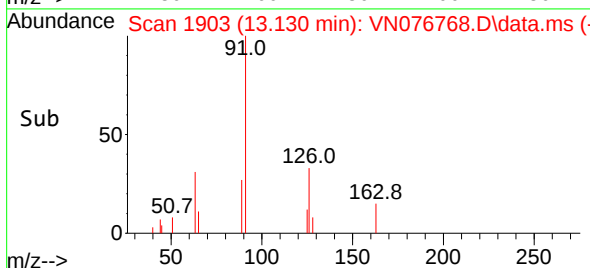
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

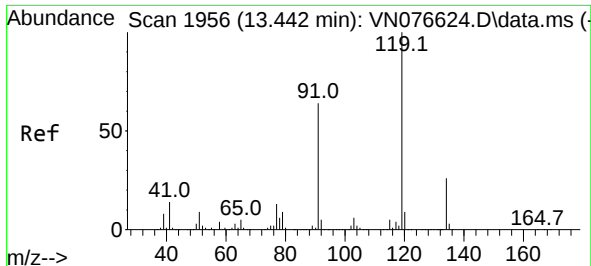


#82
4-Chlorotoluene
Concen: 0.500 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion: 91 Resp: 3684
Ion Ratio Lower Upper
91 100
126 33.1 17.7 53.1





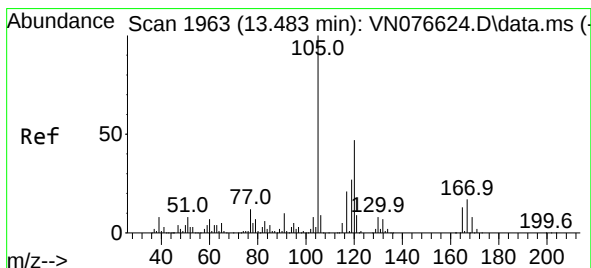
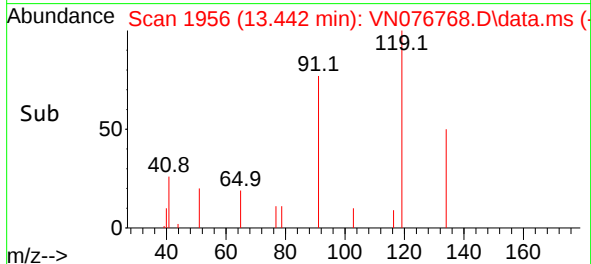
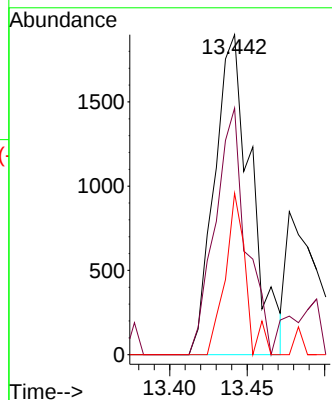
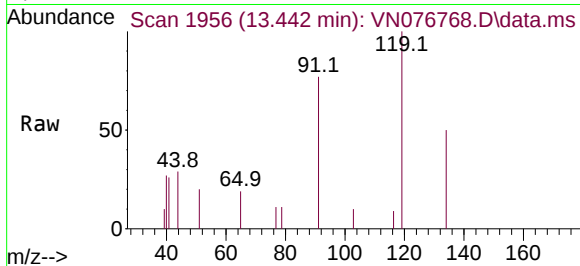
#83
tert-Butylbenzene
Concen: 0.408 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion:119 Resp: 3129
Ion Ratio Lower Upper
119 100
91 65.3 32.0 96.2
134 28.0 13.8 41.4

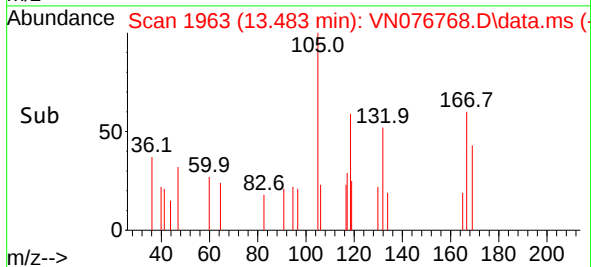
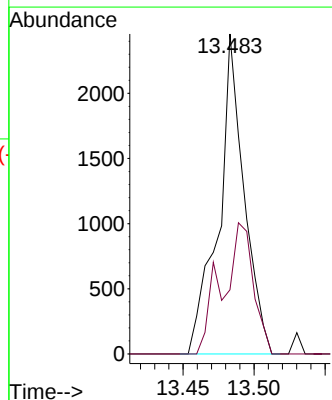
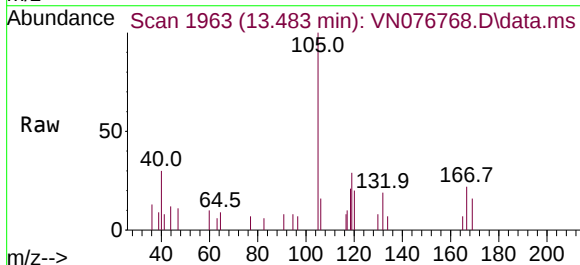
Manual Integrations
APPROVED

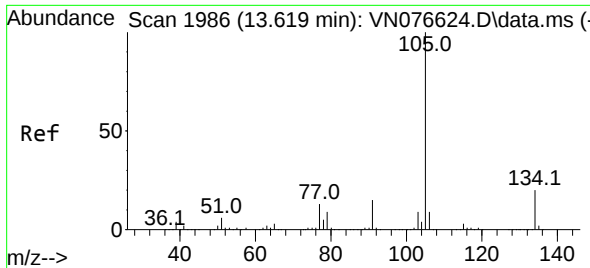
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.364 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

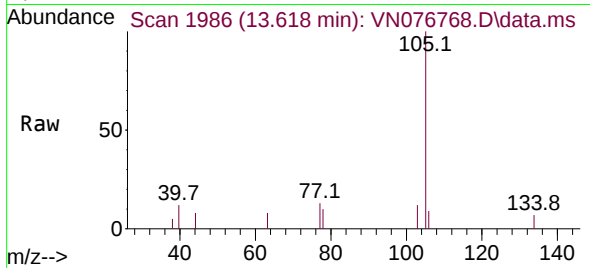
Tgt Ion:105 Resp: 3071
Ion Ratio Lower Upper
105 100
120 50.1 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 0.436 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55

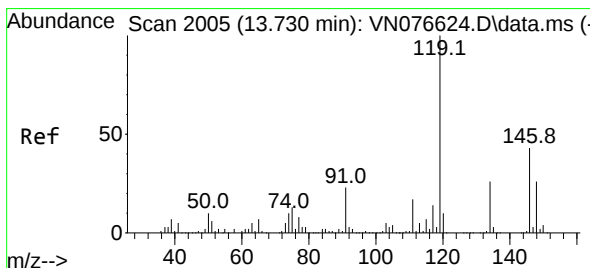
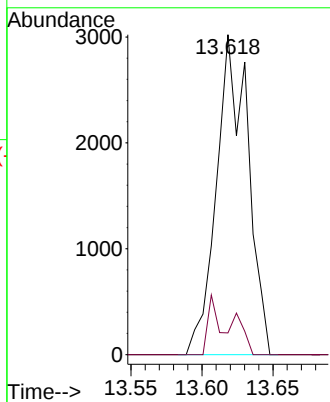
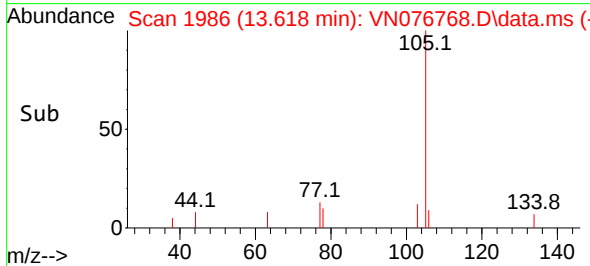
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL08



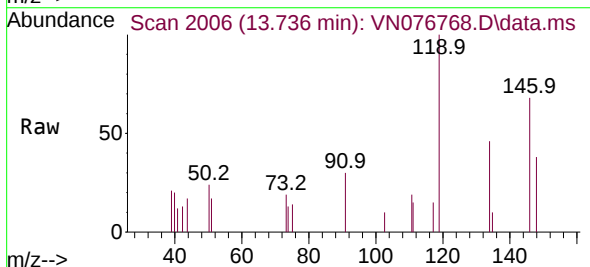
Tgt Ion:105 Resp: 4662
 Ion Ratio Lower Upper
 105 100
 134 7.4 10.5 31.5

Manual Integrations
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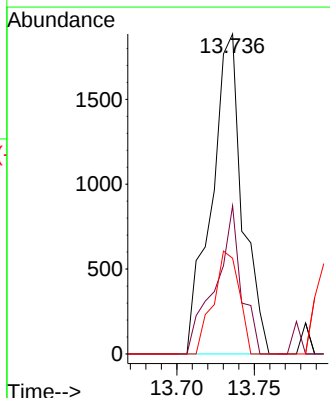
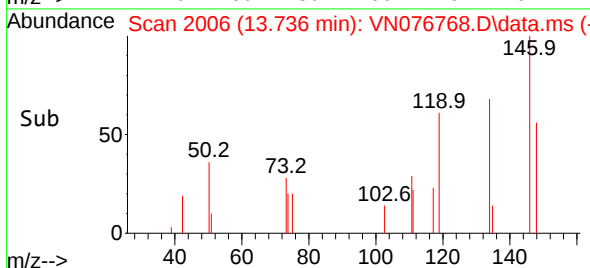
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

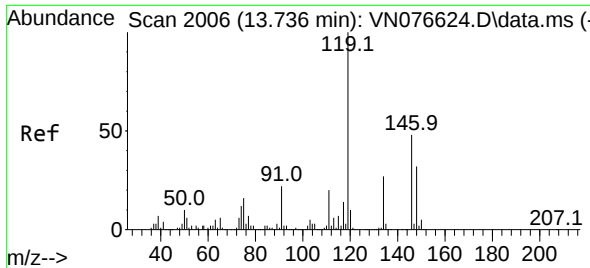


#86
 p-Isopropyltoluene
 Concen: 0.307 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55



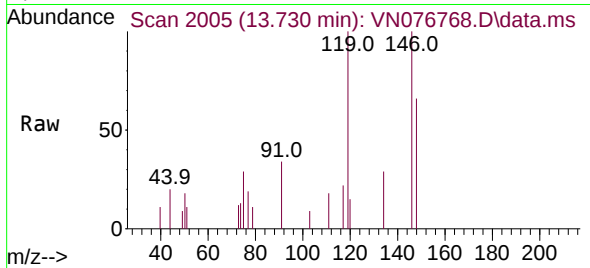
Tgt Ion:119 Resp: 2620
 Ion Ratio Lower Upper
 119 100
 134 38.8 13.4 40.1
 91 26.9 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 0.512 ug/l
 RT: 13.730 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55

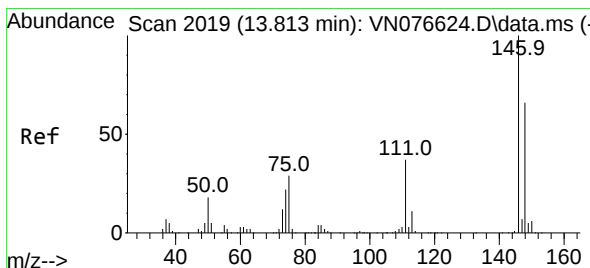
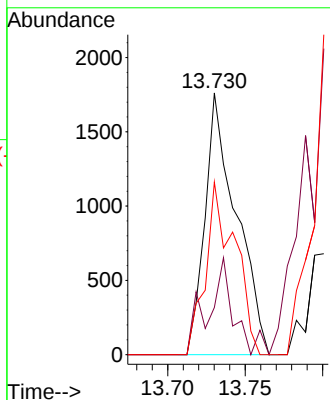
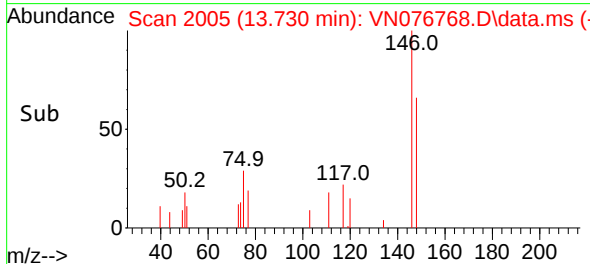
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL08



Tgt Ion:146 Resp: 247
 Ion Ratio Lower Upper
 146 100
 111 28.4 19.8 59.4
 148 61.5 32.0 96.2

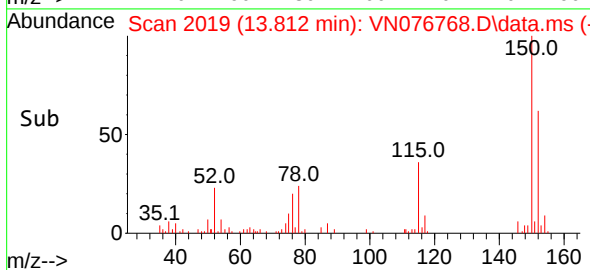
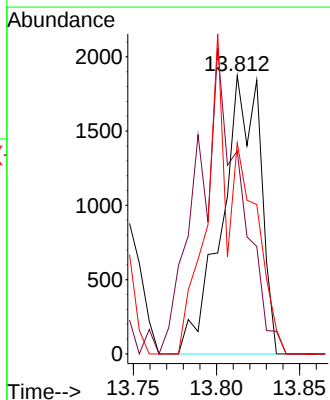
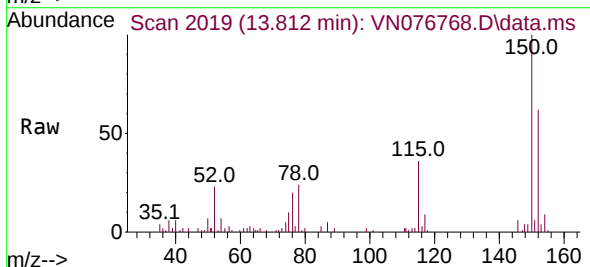
Manual Integrations
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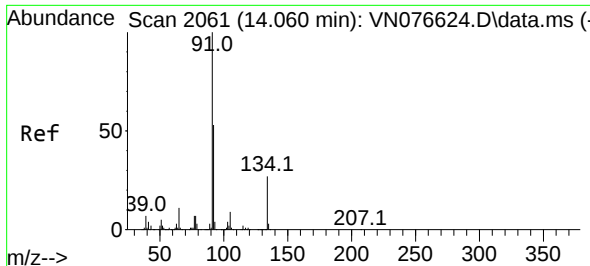
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#88
 1,4-Dichlorobenzene
 Concen: 0.626 ug/l m
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN076768.D
 Acq: 22 Feb 2023 13:55

Tgt Ion:146 Resp: 3012
 Ion Ratio Lower Upper
 146 100
 111 23.3 19.4 58.1
 148 50.5 32.7 98.1





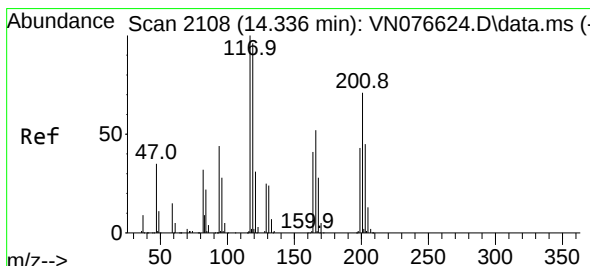
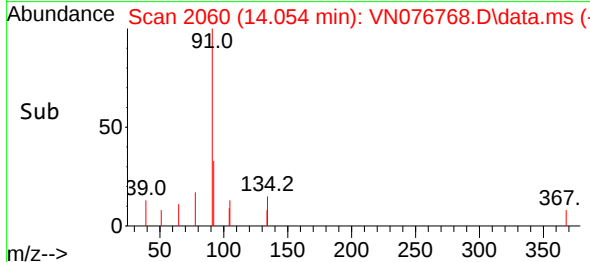
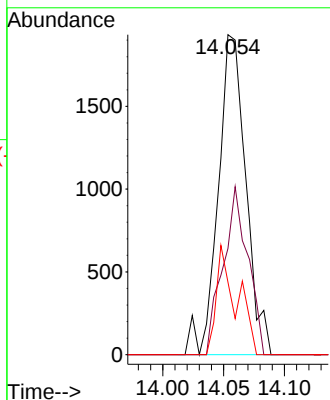
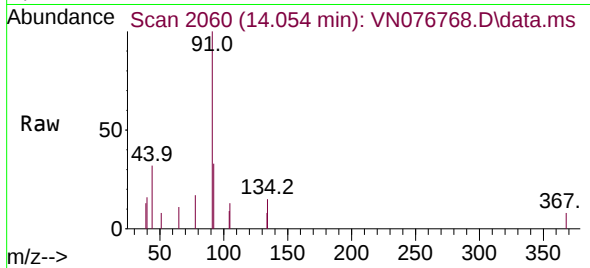
#89
n-Butylbenzene
Concen: 0.413 ug/l
RT: 14.054 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion: 91 Resp: 306
Ion Ratio Lower Upper
91 100
92 46.9 26.4 79.0
134 25.0 13.2 39.5

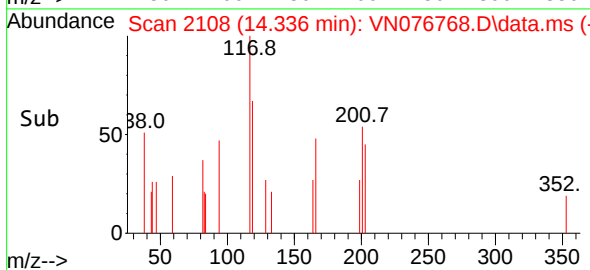
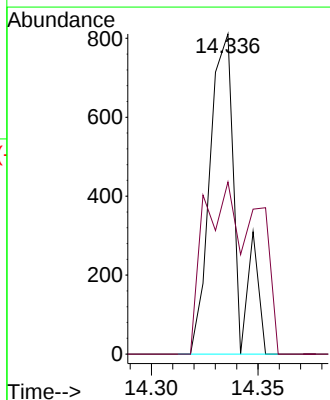
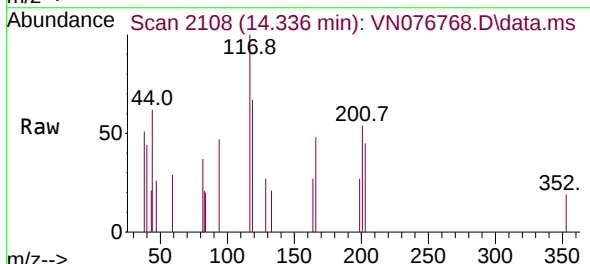
Manual Integrations
APPROVED

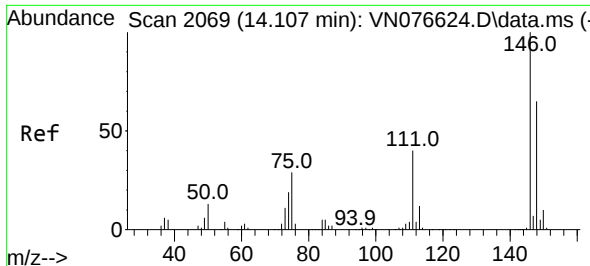
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 0.397 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion:117 Resp: 711
Ion Ratio Lower Upper
117 100
201 106.3 35.5 106.7





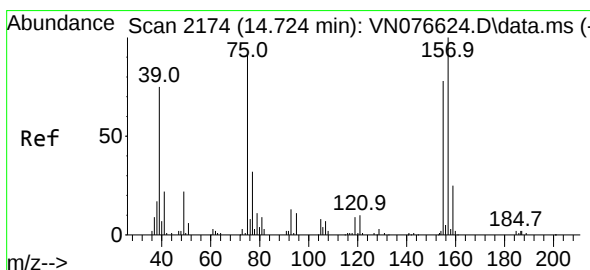
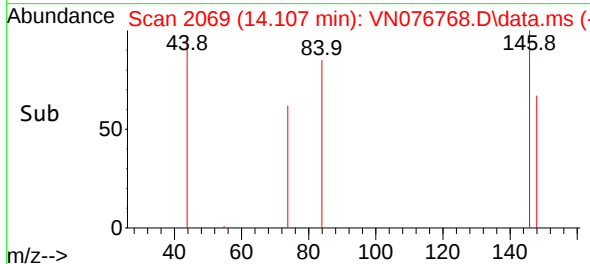
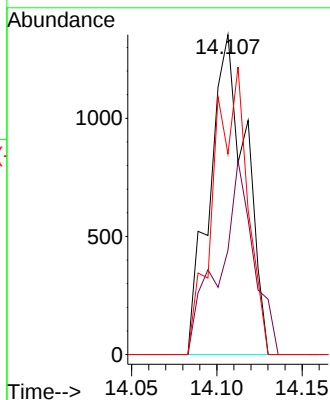
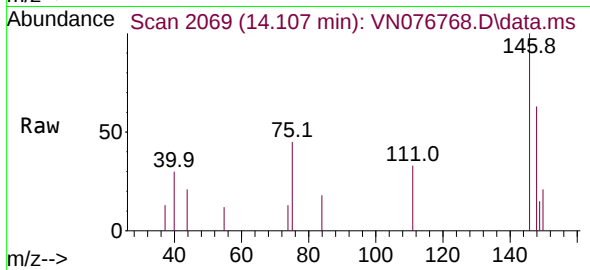
#91
1,2-Dichlorobenzene
Concen: 0.405 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Instrument :
MSVOA_N
ClientSampleId :
MDL08

Tgt Ion:146 Resp: 200
Ion Ratio Lower Upper
146 100
111 57.2 20.0 59.9
148 83.7 32.4 97.2

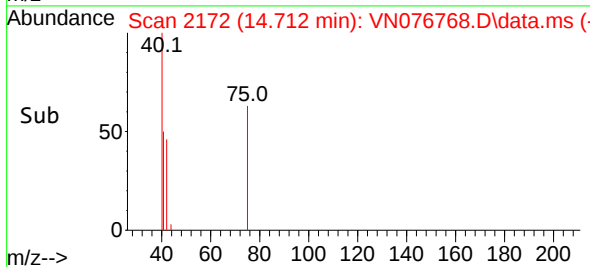
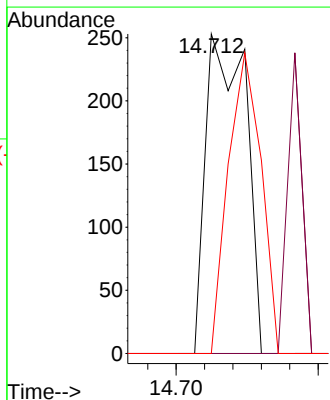
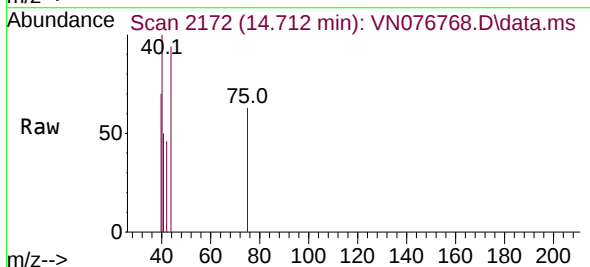
Manual Integrations
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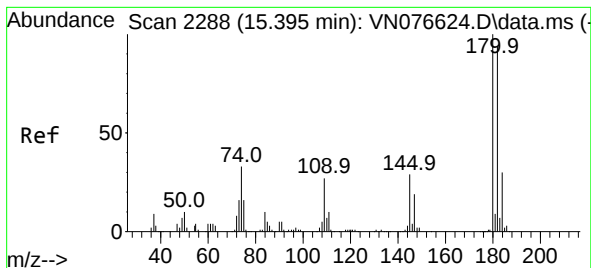
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.345 ug/l
RT: 14.712 min Scan# 2172
Delta R.T. -0.012 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

Tgt Ion: 75 Resp: 248
Ion Ratio Lower Upper
75 100
155 0.0 43.4 130.2#
157 77.0 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 0.507 ug/l

RT: 15.389 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

Instrument :

MSVOA_N

ClientSampleId :

MDL08

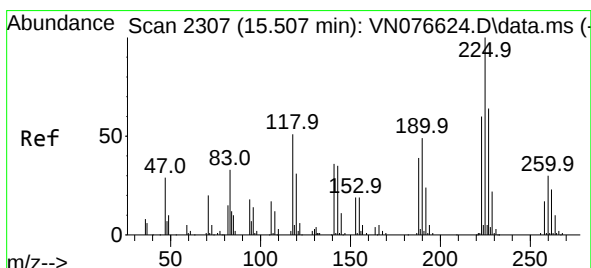
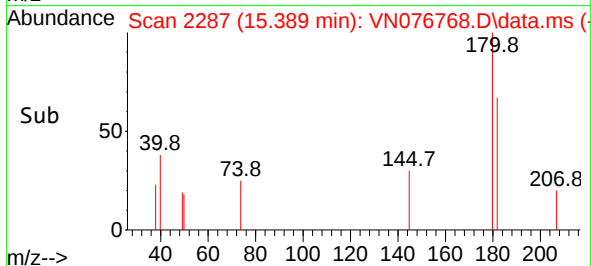
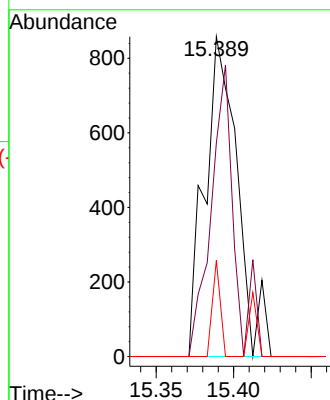
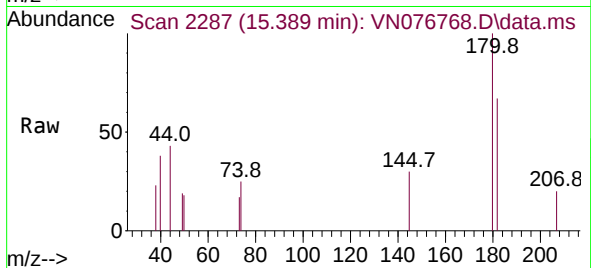
Tgt Ion:	180	Resp:	1254
Ion Ratio	Lower	Upper	
180	100		
182	65.4	48.0	144.0
145	7.3	15.2	45.6

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#94

Hexachlorobutadiene

Concen: 0.378 ug/l

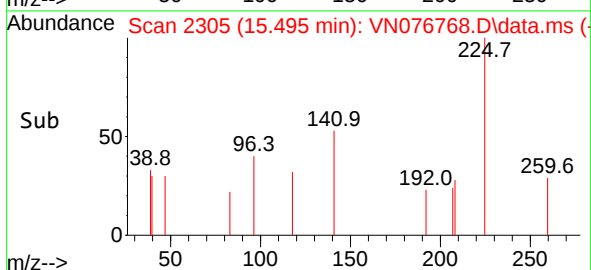
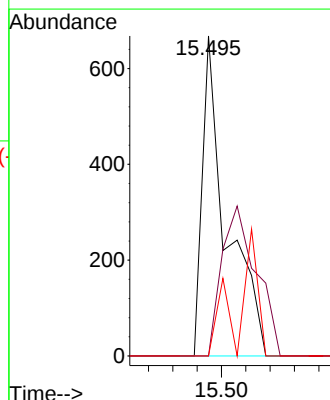
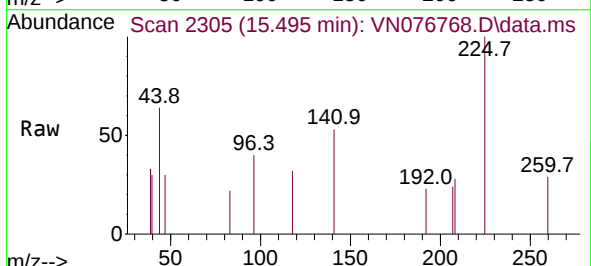
RT: 15.495 min Scan# 2305

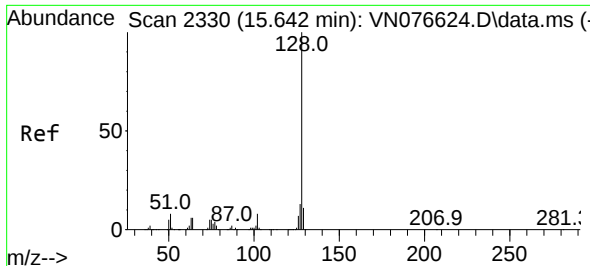
Delta R.T. -0.012 min

Lab File: VN076768.D

Acq: 22 Feb 2023 13:55

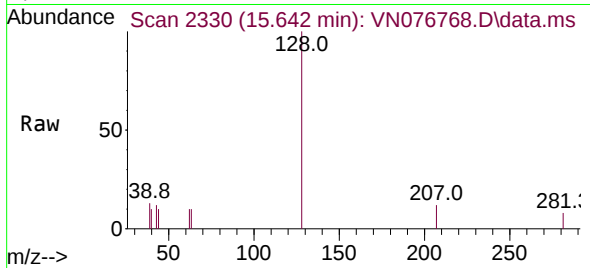
Tgt Ion:	225	Resp:	458
Ion Ratio	Lower	Upper	
225	100		
223	67.0	31.6	95.0
227	33.0	31.3	93.9





#95
Naphthalene
Concen: 0.466 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55

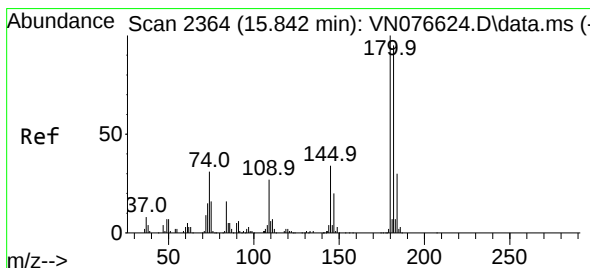
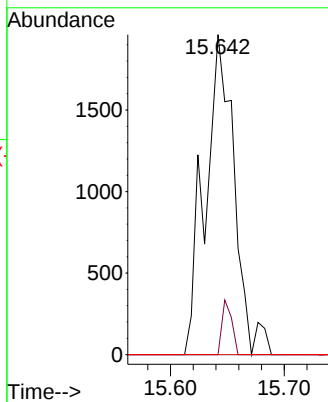
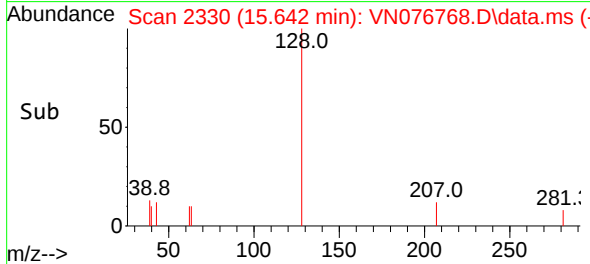
Instrument :
MSVOA_N
ClientSampleId :
MDL08



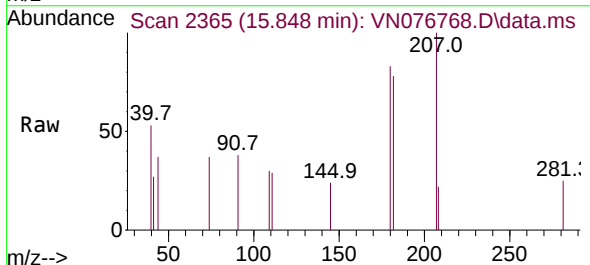
Tgt Ion:128 Resp: 3498
Ion Ratio Lower Upper
128 100
127 5.7 10.6 16.0
129 0.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.440 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076768.D
Acq: 22 Feb 2023 13:55



Tgt Ion:180 Resp: 1053
Ion Ratio Lower Upper
180 100
182 96.6 46.7 140.1
145 17.0 16.0 47.9

