

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076767.D
 Acq On : 22 Feb 2023 13:21
 Operator : JC\MD
 Sample : MDL07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL07

Manual Integrations
 APPROVED

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

Quant Time: Feb 23 00:43:13 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	8.225	168	235713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	436492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	377610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	145436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	193321	59.395	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.780%			
35) Dibromofluoromethane	8.172	113	148964	52.112	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.220%			
50) Toluene-d8	10.572	98	541708	50.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.848	95	153592	43.441	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 86.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.131	85	956	0.382	ug/l #	40
3) Chloromethane	2.384	50	1840	0.563	ug/l #	80
4) Vinyl Chloride	2.525	62	1670	0.520	ug/l #	45
5) Bromomethane	2.978	94	2237	1.149	ug/l #	58
6) Chloroethane	3.131	64	1712	0.843	ug/l	96
7) Trichlorofluoromethane	3.513	101	2214	0.506	ug/l	99
8) Diethyl Ether	3.978	74	534	0.317	ug/l #	21
9) 1,1,2-Trichlorotrifluo...	4.401	101	1158	0.451	ug/l #	72
10) Methyl Iodide	4.601	142	1039m	0.327	ug/l	
11) Tert butyl alcohol	5.525	59	1249m	2.907	ug/l	
12) 1,1-Dichloroethene	4.348	96	1209m	0.497	ug/l	
13) Acrolein	4.213	56	1860m	2.884	ug/l	
14) Allyl chloride	5.031	41	2001	0.475	ug/l #	71
15) Acrylonitrile	5.725	53	3943m	2.586	ug/l	
16) Acetone	4.443	43	4598m	3.163	ug/l	
17) Carbon Disulfide	4.731	76	3739m	0.582	ug/l	
18) Methyl Acetate	5.037	43	2317m	0.488	ug/l	
19) Methyl tert-butyl Ether	5.813	73	3351m	0.409	ug/l	
20) Methylene Chloride	5.301	84	2620m	0.860	ug/l	
21) trans-1,2-Dichloroethene	5.813	96	1011	0.369	ug/l #	28
22) Diisopropyl ether	6.678	45	4503	0.455	ug/l #	91
23) Vinyl Acetate	6.619	43	13065	2.233	ug/l #	89
24) 1,1-Dichloroethane	6.589	63	2760m	0.509	ug/l	
25) 2-Butanone	7.501	43	4849	2.261	ug/l	91
26) 2,2-Dichloropropane	7.501	77	1958	0.501	ug/l #	68
27) cis-1,2-Dichloroethene	7.501	96	1426m	0.439	ug/l	
28) Bromochloromethane	7.819	49	814	0.316	ug/l #	90
29) Tetrahydrofuran	7.860	42	3062	2.185	ug/l #	81
30) Chloroform	7.978	83	2876	0.531	ug/l #	57
31) Cyclohexane	8.225	56	9740	1.908	ug/l #	48
32) 1,1,1-Trichloroethane	8.178	97	2243	0.493	ug/l #	38
36) 1,1-Dichloropropene	8.378	75	1820	0.441	ug/l	83
37) Ethyl Acetate	7.560	43	2602	0.599	ug/l #	71
38) Carbon Tetrachloride	8.360	117	1764	0.423	ug/l #	64
39) Methylcyclohexane	9.613	83	2027	0.432	ug/l #	64
40) Benzene	8.607	78	5913	0.466	ug/l #	81

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.795	41	1179	0.468	ug/l #	81
42) 1,2-Dichloroethane	8.678	62	2638	0.596	ug/l	88
43) Isopropyl Acetate	8.695	43	3704	0.524	ug/l #	84
44) Trichloroethene	9.354	130	1934	0.645	ug/l	41
45) 1,2-Dichloropropane	9.625	63	2044	0.609	ug/l #	85
46) Dibromomethane	9.695	93	895	0.417	ug/l	87
47) Bromodichloromethane	9.901	83	2101	0.488	ug/l #	80
48) Methyl methacrylate	9.683	41	1864	0.556	ug/l	90
49) 1,4-Dioxane	9.707	88	614	10.579	ug/l #	58
51) 4-Methyl-2-Pentanone	10.448	43	9206	2.046	ug/l	96
52) Toluene	10.642	92	3499	0.457	ug/l	92
53) t-1,3-Dichloropropene	10.836	75	1693	0.408	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	1905	0.398	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	1506	0.484	ug/l #	81
56) Ethyl methacrylate	10.883	69	1732	0.395	ug/l #	73
57) 1,3-Dichloropropane	11.172	76	2198	0.411	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.160	63	3717	1.852	ug/l #	87
59) 2-Hexanone	11.201	43	6373	1.965	ug/l	86
60) Dibromochloromethane	11.366	129	1316	0.401	ug/l	80
61) 1,2-Dibromoethane	11.472	107	1368	0.439	ug/l	100
64) Tetrachloroethene	11.107	164	1227	0.516	ug/l #	76
65) Chlorobenzene	11.889	112	3866	0.483	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.966	131	1173	0.404	ug/l #	64
67) Ethyl Benzene	11.966	91	6016	0.441	ug/l #	85
68) m/p-Xylenes	12.071	106	4490	0.854	ug/l	78
69) o-Xylene	12.401	106	1980	0.386	ug/l	77
70) Styrene	12.407	104	3044	0.367	ug/l #	87
71) Bromoform	12.589	173	841	0.394	ug/l #	28
73) Isopropylbenzene	12.701	105	4207	0.395	ug/l	98
74) N-amyl acetate	12.495	43	1986	0.413	ug/l #	75
75) 1,1,2,2-Tetrachloroethane	12.942	83	2138	0.554	ug/l #	88
76) 1,2,3-Trichloropropane	13.001	75	1647m	0.560	ug/l	
77) Bromobenzene	12.983	156	1610	0.605	ug/l	93
78) n-propylbenzene	13.042	91	5781	0.462	ug/l	100
79) 2-Chlorotoluene	13.130	91	4586	0.598	ug/l	97
80) 1,3,5-Trimethylbenzene	13.183	105	3479	0.395	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.742	75	431m	0.427	ug/l	
82) 4-Chlorotoluene	13.130	91	4586	0.598	ug/l	97
83) tert-Butylbenzene	13.436	119	3485	0.437	ug/l	87
84) 1,2,4-Trimethylbenzene	13.483	105	3675	0.419	ug/l	99
85) sec-Butylbenzene	13.618	105	4216	0.379	ug/l	95
86) p-Isopropyltoluene	13.736	119	3766	0.424	ug/l	91
87) 1,3-Dichlorobenzene	13.736	146	2066	0.411	ug/l	82
88) 1,4-Dichlorobenzene	13.813	146	3301	0.659	ug/l	75
89) n-Butylbenzene	14.054	91	2619	0.339	ug/l	95
90) Hexachloroethane	14.330	117	933	0.502	ug/l	84
91) 1,2-Dichlorobenzene	14.107	146	3183	0.618	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.712	75	621	0.831	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.395	180	1031	0.401	ug/l	95
94) Hexachlorobutadiene	15.512	225	658	0.522	ug/l	80
95) Naphthalene	15.648	128	3729	0.478	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.848	180	969	0.389	ug/l #	16

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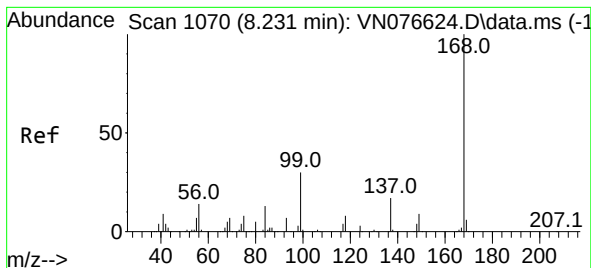
Manual Integrations
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Supervised By :Mahesh Dadoda 02/23/2023

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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: 8.225 min Scan# 10

Delta R.T. -0.006 min

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Instrument :

MSVOA_N

ClientSampleId :

MDL07

Tgt Ion:168 Resp: 23571

Ion Ratio Lower Upper

168 100

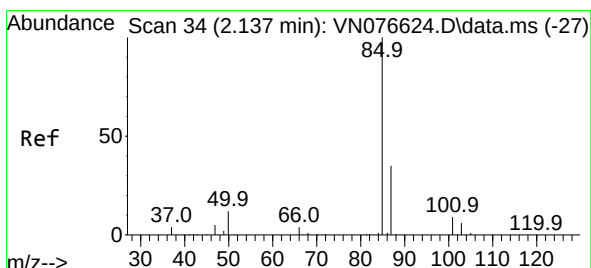
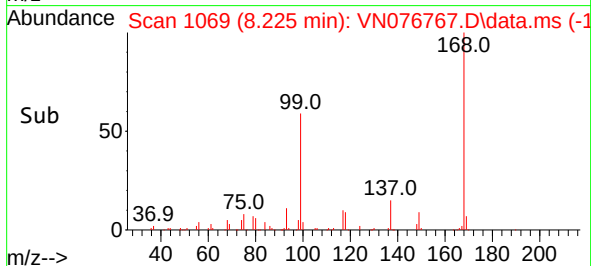
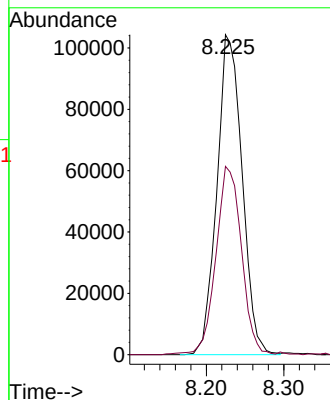
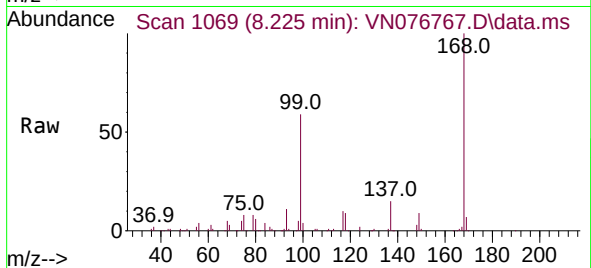
99 58.3 44.8 67.2

Manual Integrations

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Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#2

Dichlorodifluoromethane

Concen: 0.382 ug/l

RT: 2.131 min Scan# 33

Delta R.T. -0.006 min

Lab File: VN076767.D

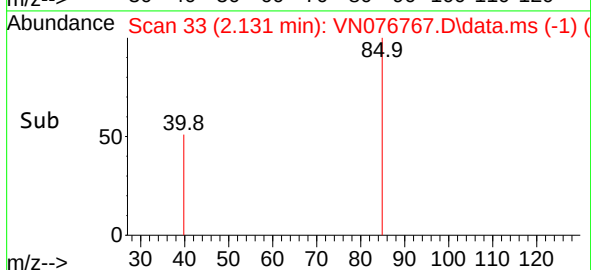
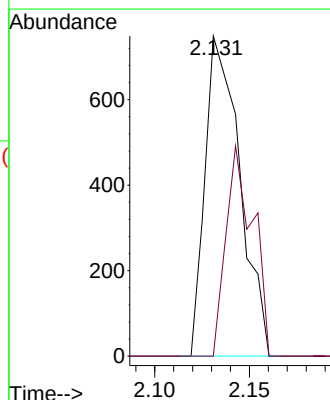
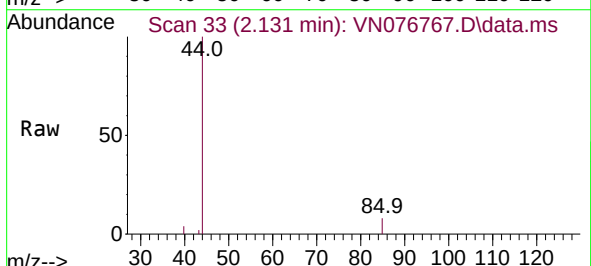
Acq: 22 Feb 2023 13:21

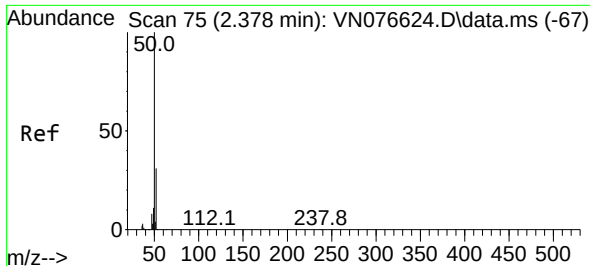
Tgt Ion: 85 Resp: 956

Ion Ratio Lower Upper

85 100

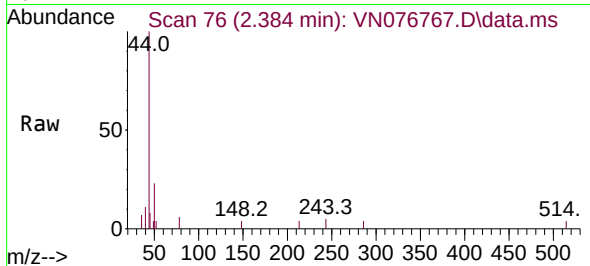
87 0.0 17.4 52.2#





#3
Chloromethane
Concen: 0.563 ug/l
RT: 2.384 min Scan# 75
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

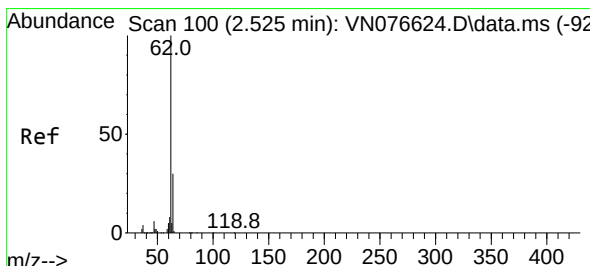
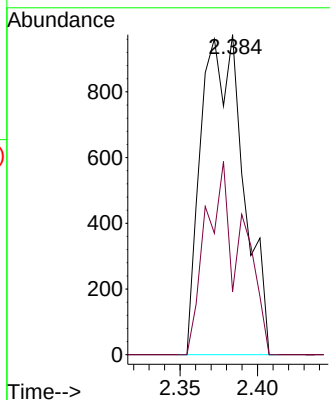
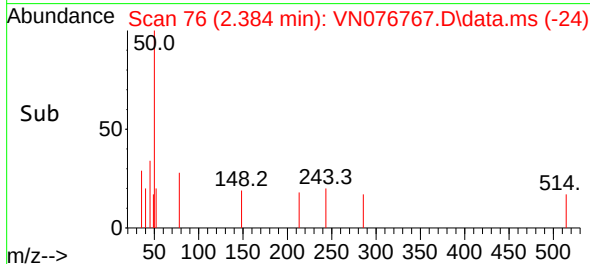
Instrument :
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Tgt Ion: 50 Resp: 1840
Ion Ratio Lower Upper
50 100
52 19.7 24.7 37.1

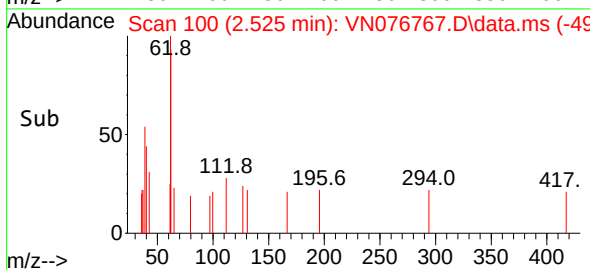
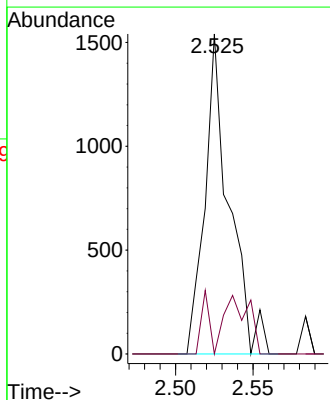
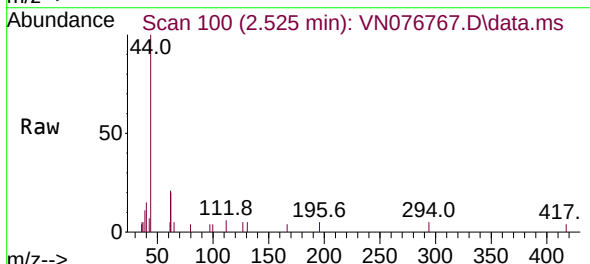
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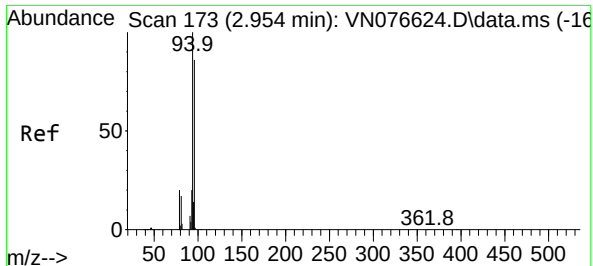
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#4
Vinyl Chloride
Concen: 0.520 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN076767.D
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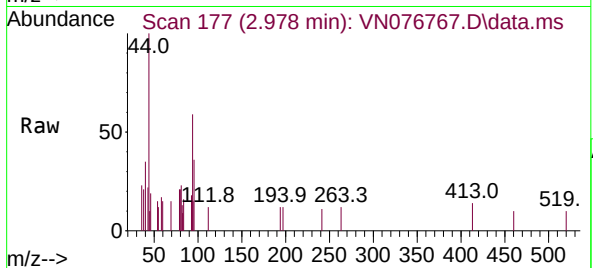
Tgt Ion: 62 Resp: 1670
Ion Ratio Lower Upper
62 100
64 0.0 23.9 35.9





#5
Bromomethane
Concen: 1.149 ug/l
RT: 2.978 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

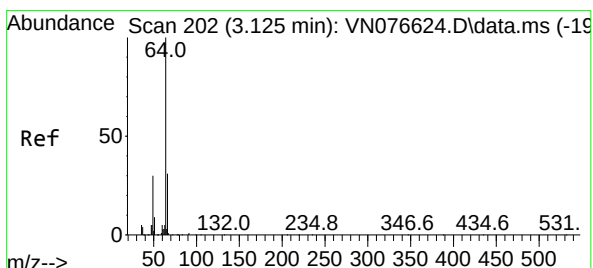
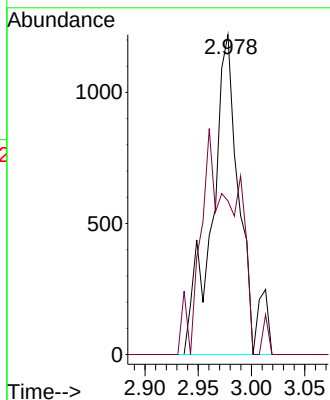
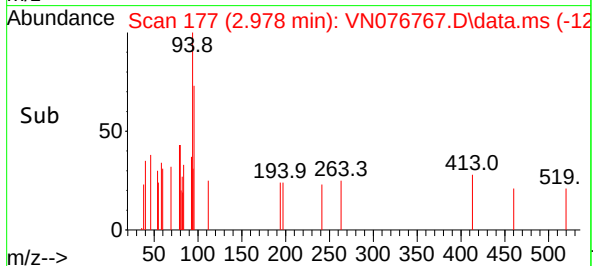
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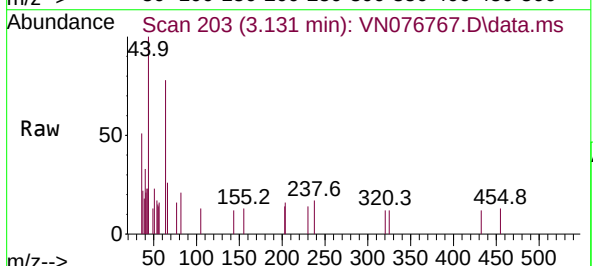
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 48.0 69.0 103.4

Manual Integrations
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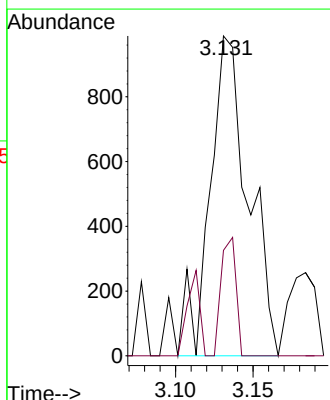
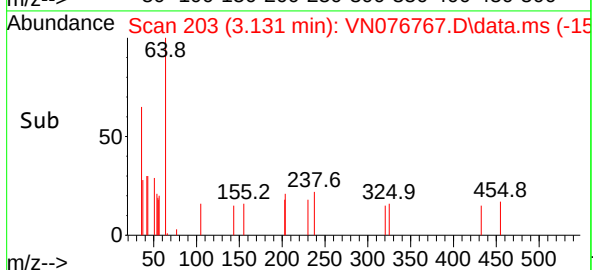
Reviewed By :John Carlone 02/23/2023
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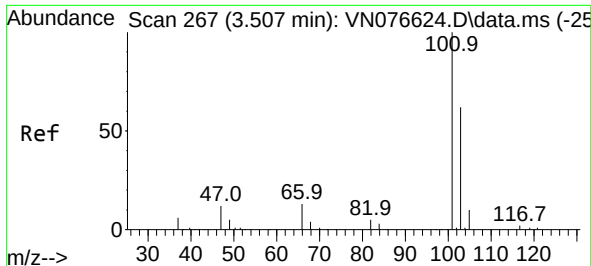


#6
Chloroethane
Concen: 0.843 ug/l
RT: 3.131 min Scan# 203
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



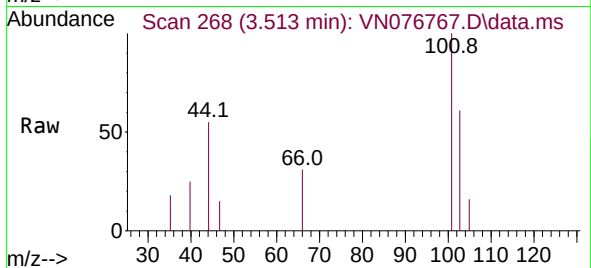
Tgt Ion: 64 Resp: 1712
Ion Ratio Lower Upper
64 100
66 33.0 24.6 37.0





#7
 Trichlorofluoromethane
 Concen: 0.506 ug/l
 RT: 3.513 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VN076767.D
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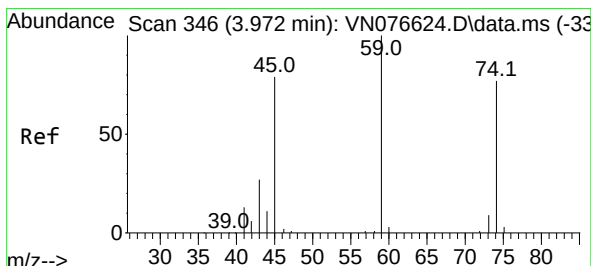
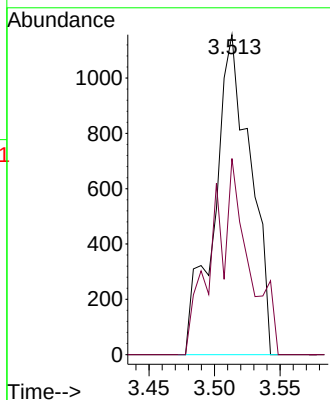
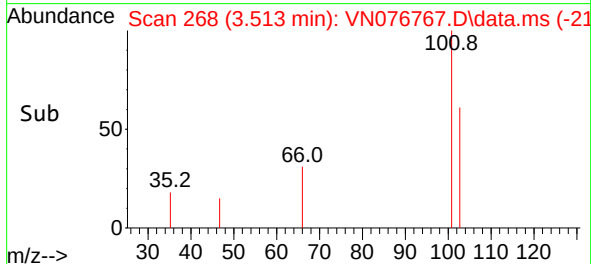
Instrument :
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Tgt Ion:101 Resp: 2214
 Ion Ratio Lower Upper
 101 100
 103 61.3 49.4 74.2

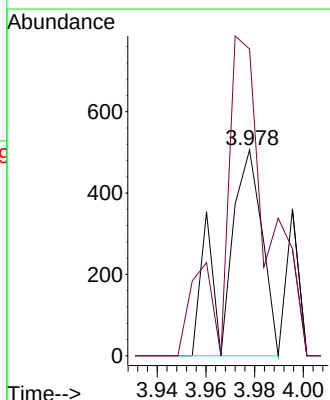
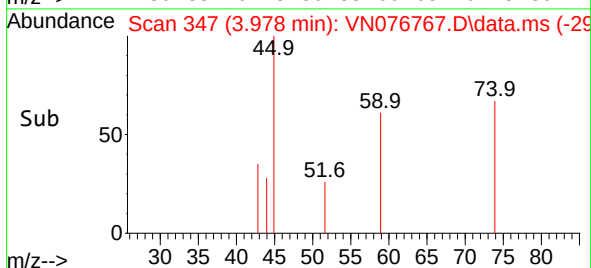
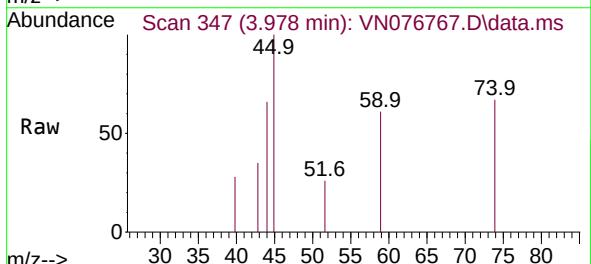
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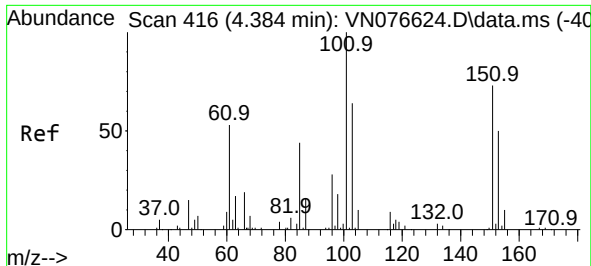
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#8
 Diethyl Ether
 Concen: 0.317 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076767.D
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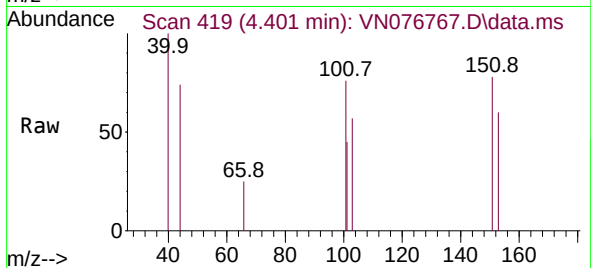
Tgt Ion: 74 Resp: 534
 Ion Ratio Lower Upper
 74 100
 45 183.1 51.3 153.9#





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.451 ug/l
RT: 4.401 min Scan# 416
Delta R.T. 0.017 min
Lab File: VN076767.D
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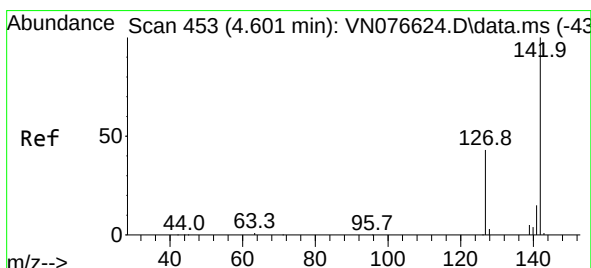
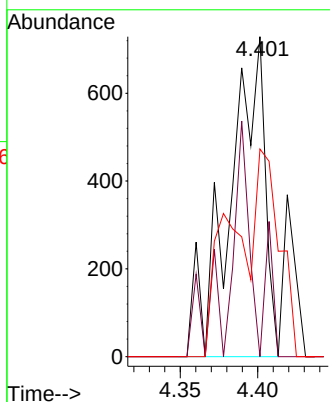
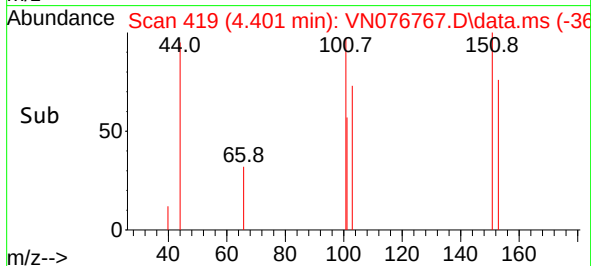
Instrument :
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Tgt Ion:101 Resp: 1158
Ion Ratio Lower Upper
101 100
85 36.6 37.4 56.0#
151 42.7 58.7 88.1#

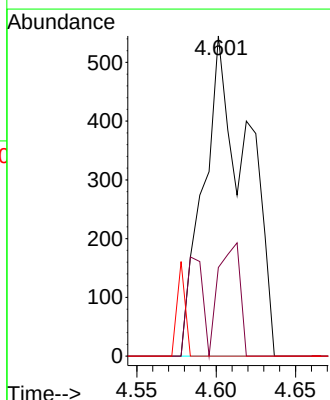
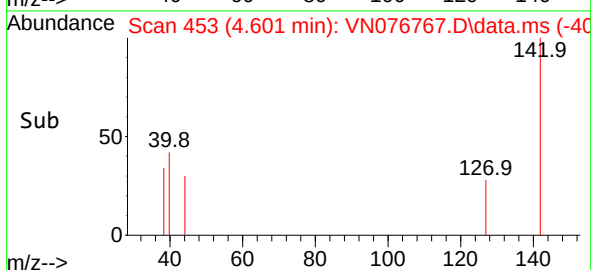
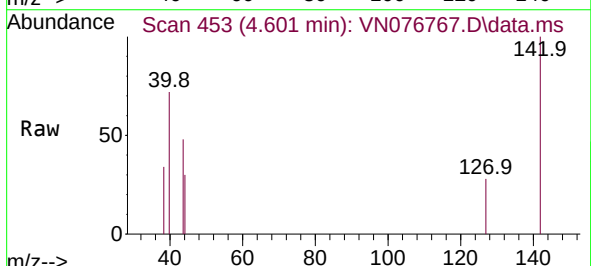
Manual Integrations
APPROVED

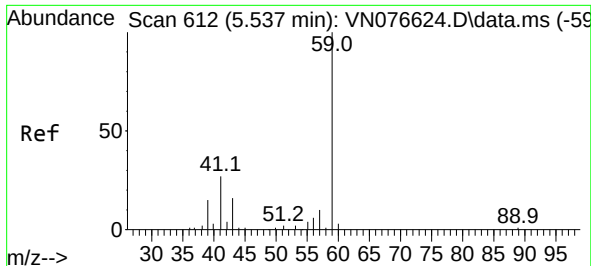
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#10
Methyl Iodide
Concen: 0.327 ug/l m
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

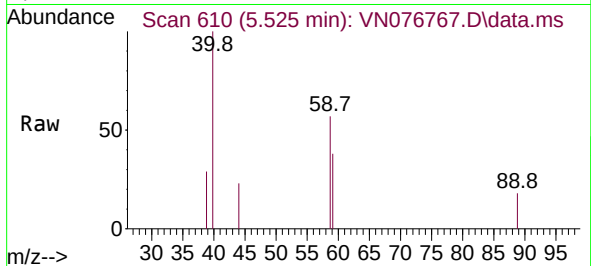
Tgt Ion:142 Resp: 1039
Ion Ratio Lower Upper
142 100
127 27.7 34.6 51.8#
141 0.0 11.7 17.5#





#11
Tert butyl alcohol
Concen: 2.907 ug/l m
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

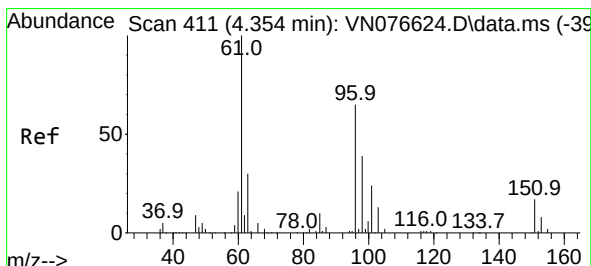
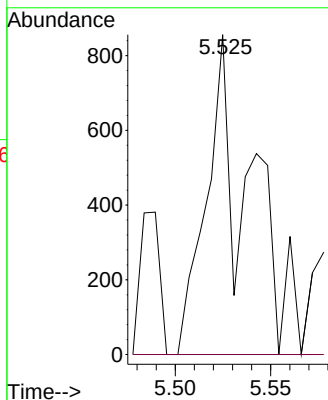
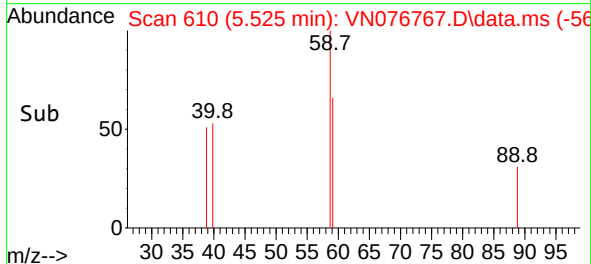
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 59 Resp: 1249
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

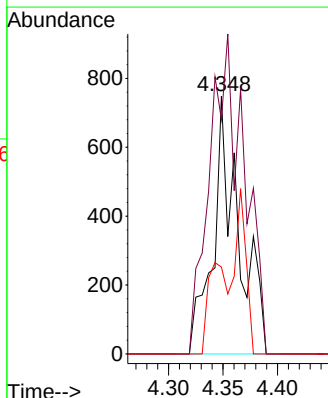
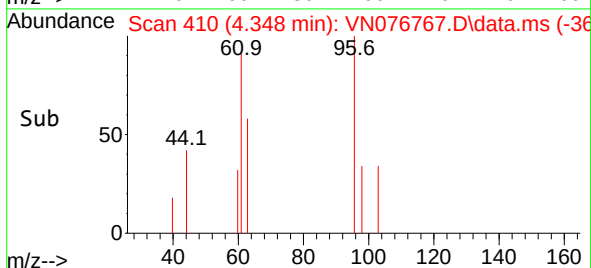
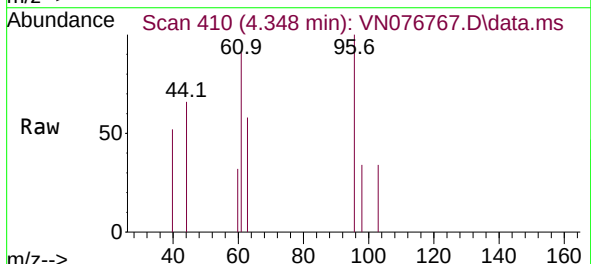
Manual Integrations
APPROVED

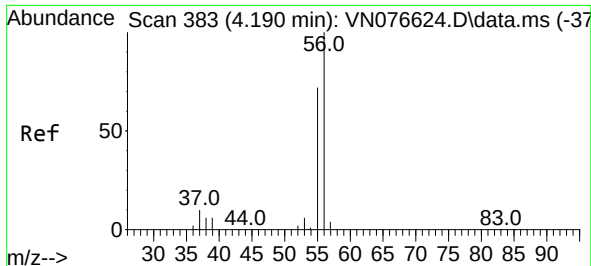
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1-Dichloroethene
Concen: 0.497 ug/l m
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

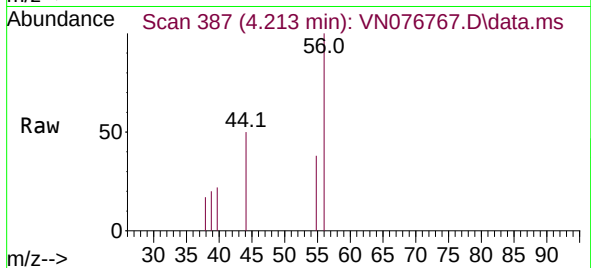
Tgt Ion: 96 Resp: 1209
Ion Ratio Lower Upper
96 100
61 90.9 123.8 185.6#
98 33.7 48.4 72.6#





#13
Acrolein
Concen: 2.884 ug/l m
RT: 4.213 min Scan# 387
Delta R.T. 0.023 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

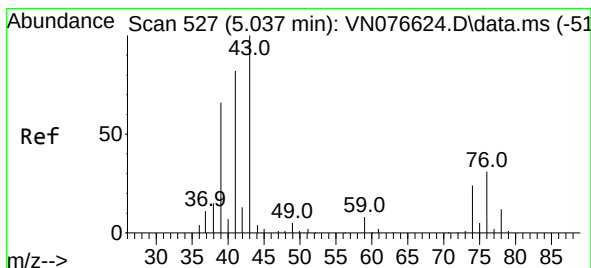
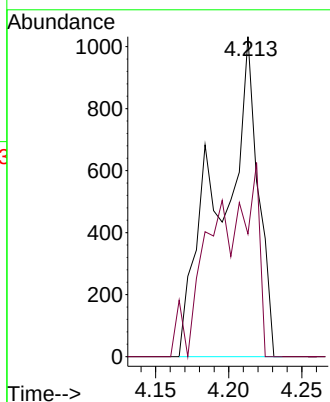
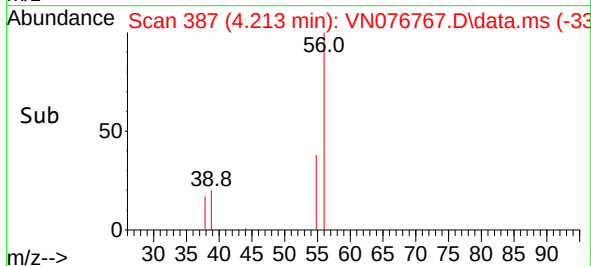
Instrument :
MSVOA_N
ClientSampleId :
MDL07



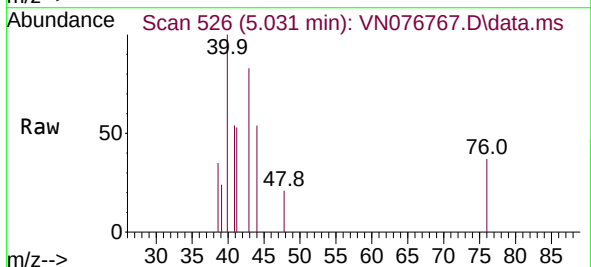
Tgt Ion: 56 Resp: 1860
Ion Ratio Lower Upper
56 100
55 39.0 56.3 84.5

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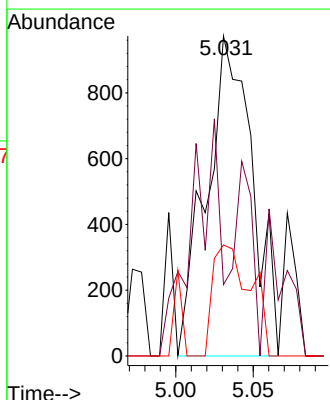
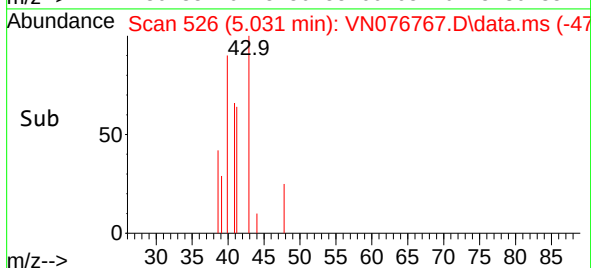
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

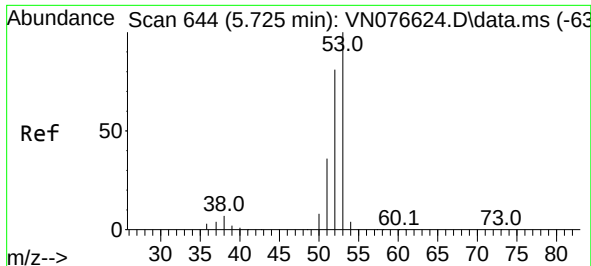


#14
Allyl chloride
Concen: 0.475 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



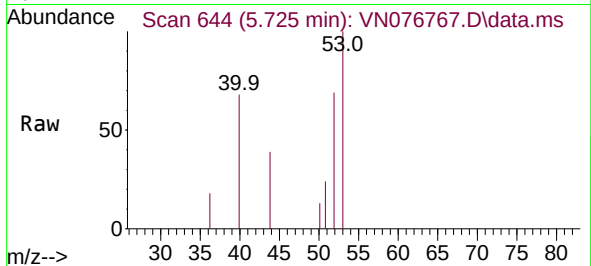
Tgt Ion: 41 Resp: 2001
Ion Ratio Lower Upper
41 100
39 44.9 62.3 93.5#
76 28.5 27.0 40.6





#15
Acrylonitrile
Concen: 2.586 ug/l m
RT: 5.725 min Scan# 644
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

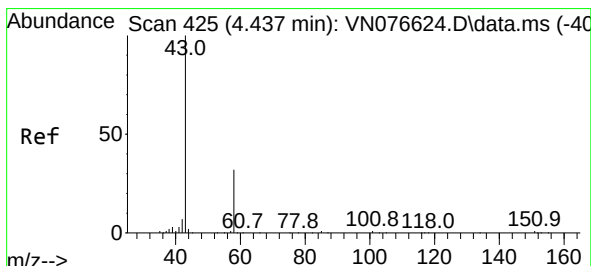
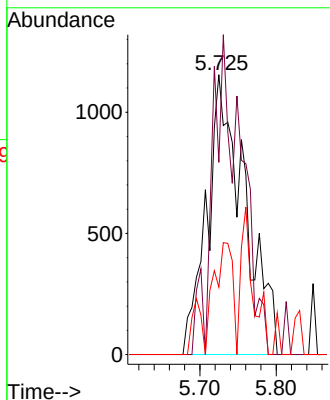
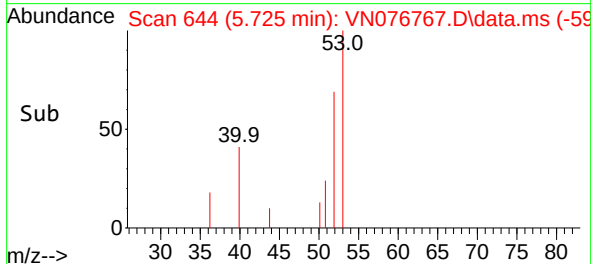
Instrument :
MSVOA_N
ClientSampleId :
MDL07



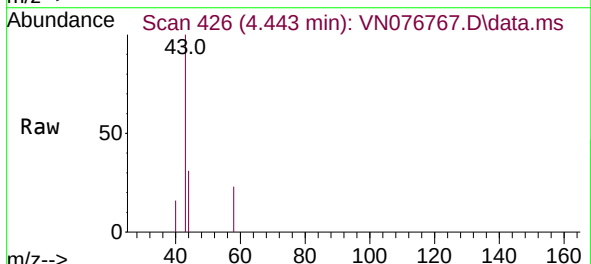
Tgt Ion: 53 Resp: 394
Ion Ratio Lower Upper
53 100
52 54.8 65.3 97.9
51 19.7 29.2 43.8

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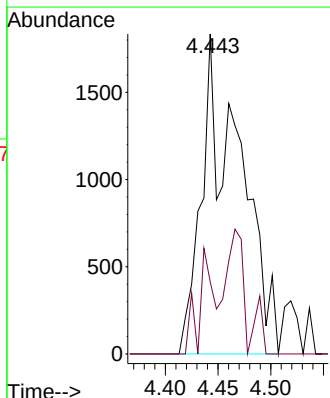
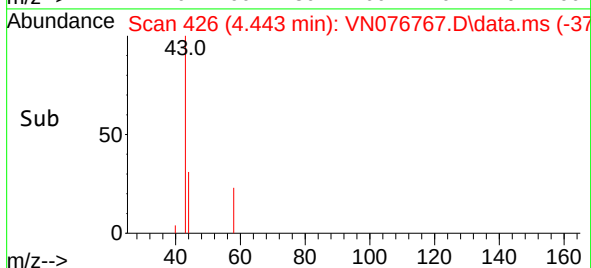
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

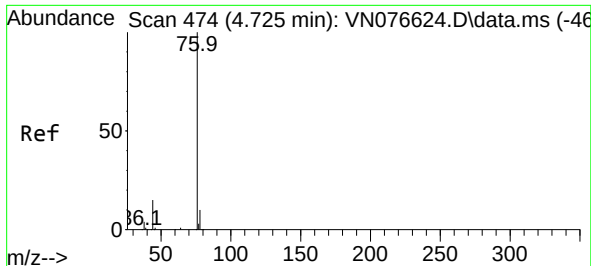


#16
Acetone
Concen: 3.163 ug/l m
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



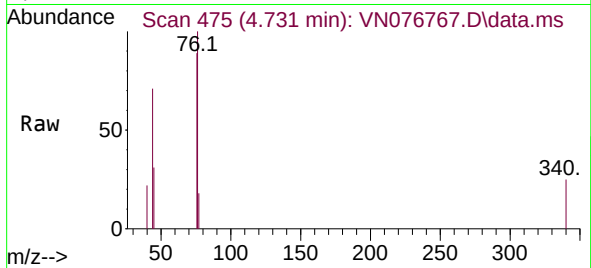
Tgt Ion: 43 Resp: 4598
Ion Ratio Lower Upper
43 100
58 22.6 25.9 38.9





#17
Carbon Disulfide
Concen: 0.582 ug/l m
RT: 4.731 min Scan# 474
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

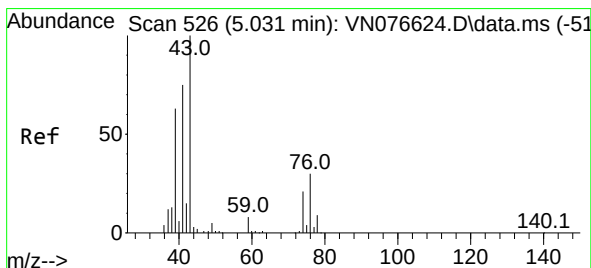
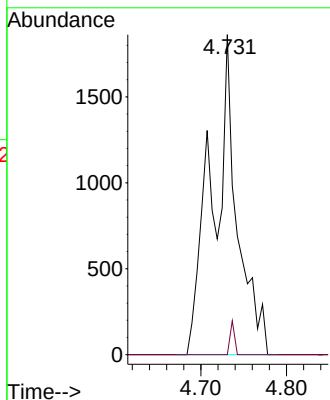
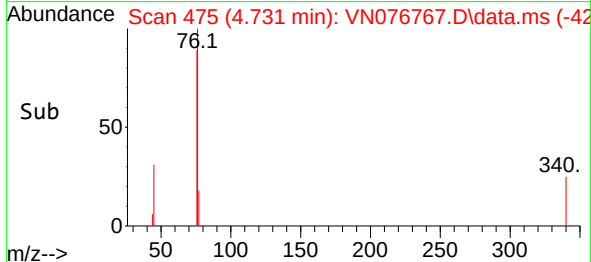
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 76 Resp: 3739
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8

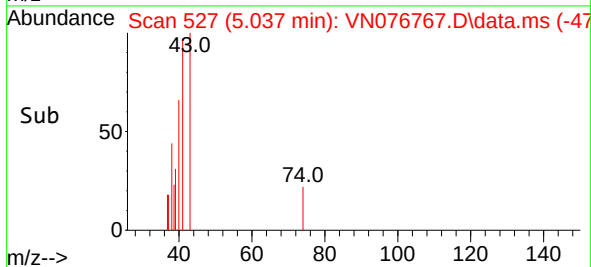
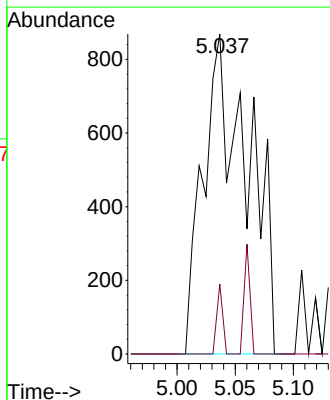
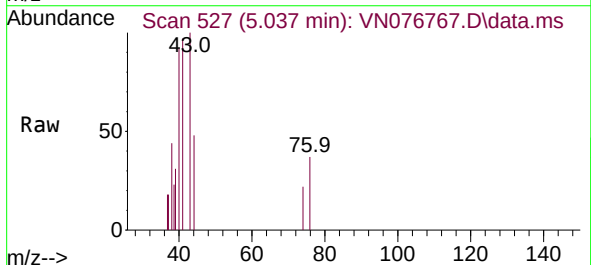
Manual Integrations
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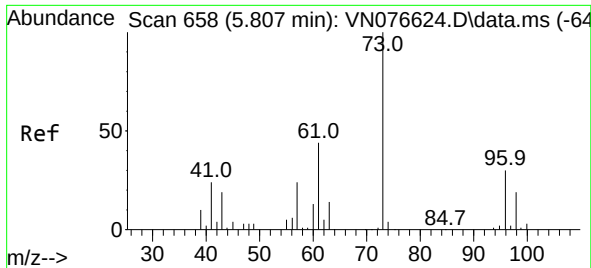
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#18
Methyl Acetate
Concen: 0.488 ug/l m
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
74 2.9 17.7 26.5





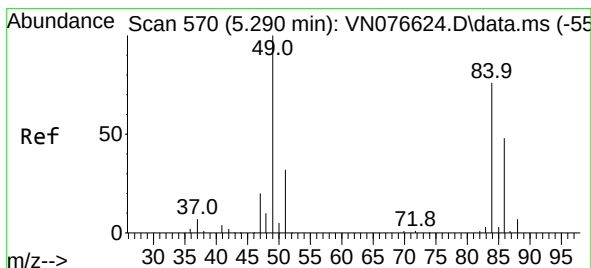
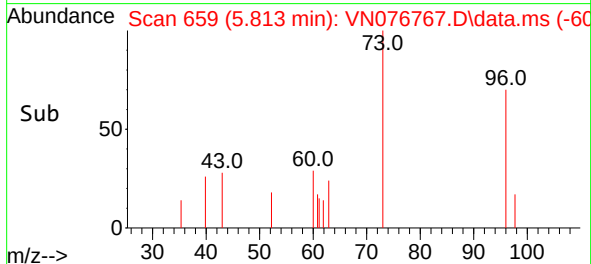
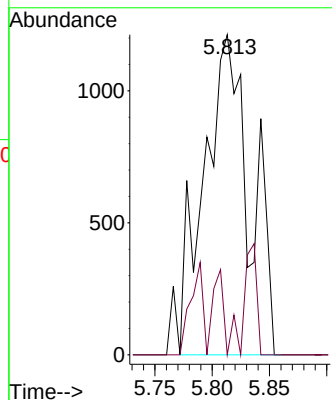
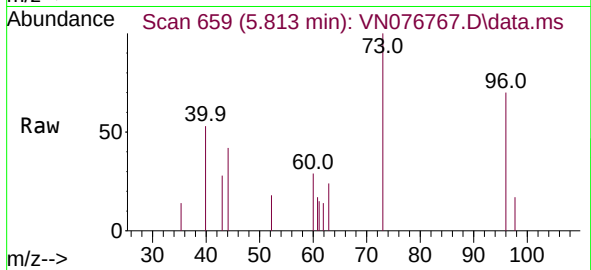
#19
Methyl tert-butyl Ether
Concen: 0.409 ug/l m
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion: 73 Resp: 335
Ion Ratio Lower Upper
73 100
57 0.0 19.0 28.4

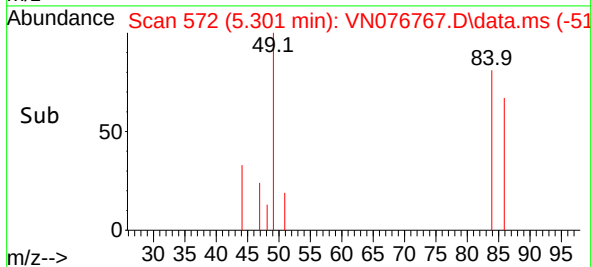
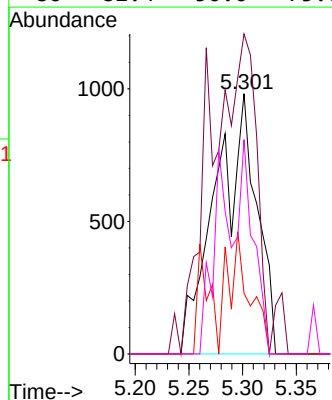
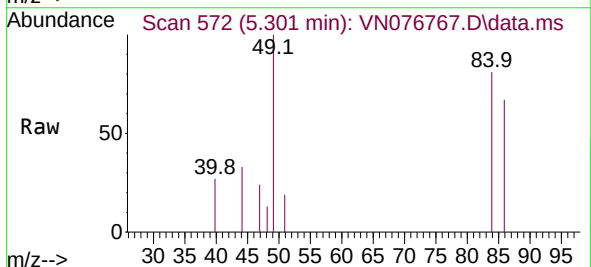
Manual Integrations
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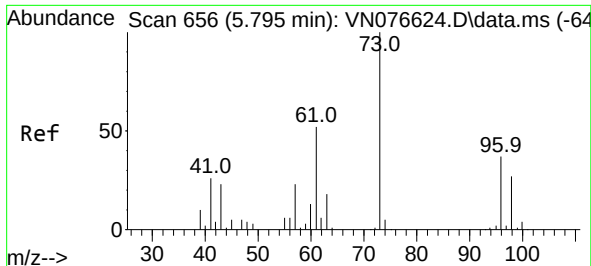
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#20
Methylene Chloride
Concen: 0.860 ug/l m
RT: 5.301 min Scan# 572
Delta R.T. 0.011 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 84 Resp: 2620
Ion Ratio Lower Upper
84 100
49 122.9 104.9 157.3
51 23.3 33.8 50.8#
86 82.4 50.0 75.0#





#21

trans-1,2-Dichloroethene

Concen: 0.369 ug/l

RT: 5.813 min Scan# 610

Delta R.T. 0.018 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

Tgt Ion: 96 Resp: 101

Ion Ratio Lower Upper

96 100

61 45.2 113.9 170.9

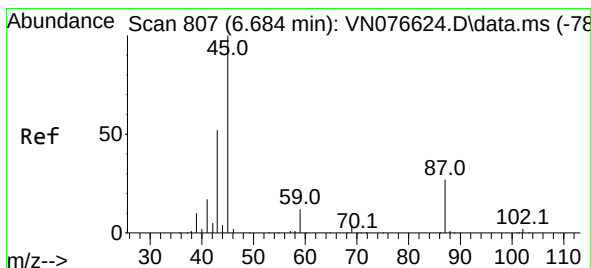
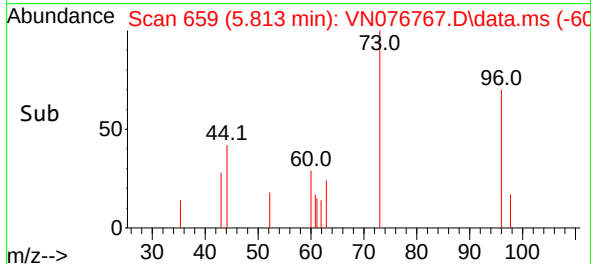
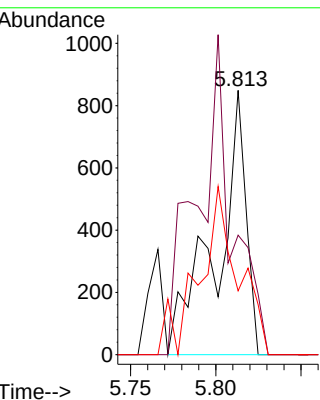
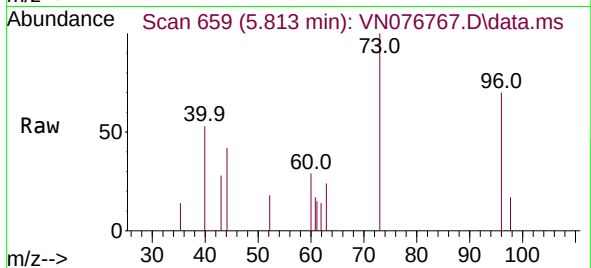
98 24.1 59.4 89.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#22

Diisopropyl ether

Concen: 0.455 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Tgt Ion: 45 Resp: 4503

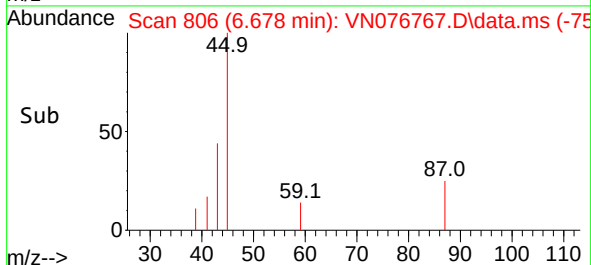
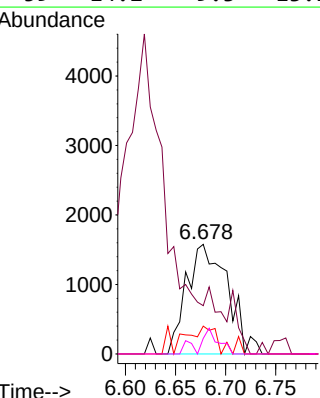
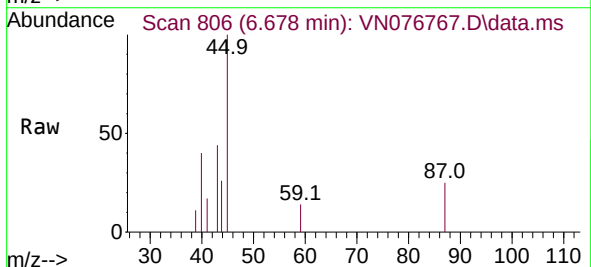
Ion Ratio Lower Upper

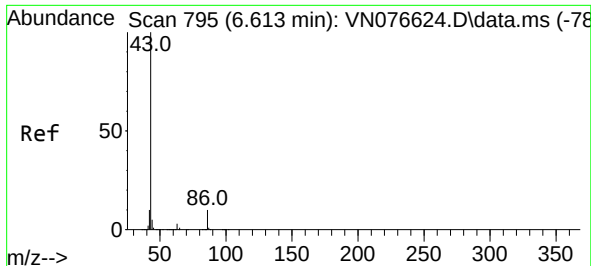
45 100

43 44.1 41.8 62.6

87 25.4 21.8 32.8

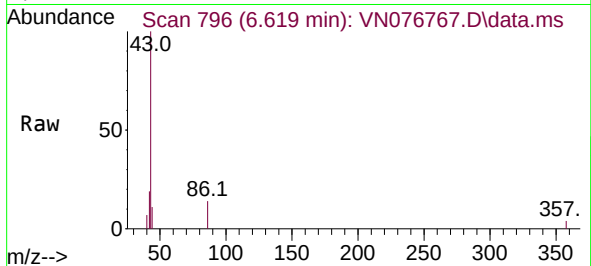
59 14.2 9.3 13.9





#23
 Vinyl Acetate
 Concen: 2.233 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN076767.D
 Acq: 22 Feb 2023 13:21

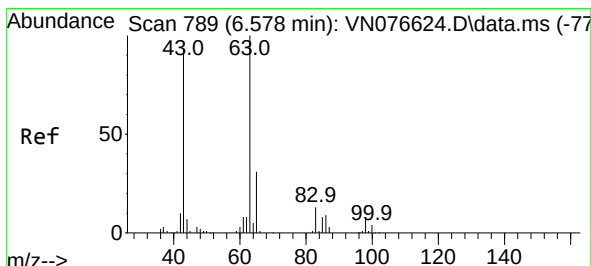
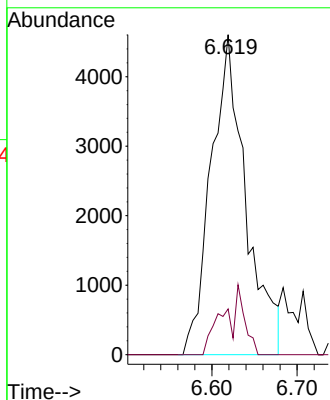
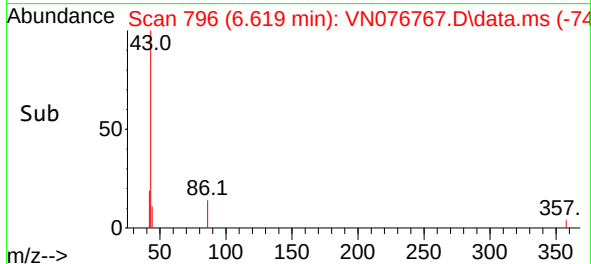
Instrument :
 MSVOA_N
 Client Sample Id :
 MDL07



Tgt Ion: 43 Resp: 1306
 Ion Ratio Lower Upper
 43 100
 86 14.3 8.2 12.2

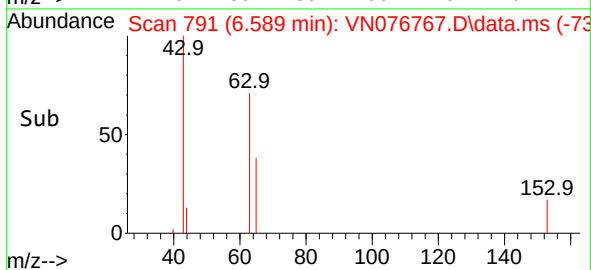
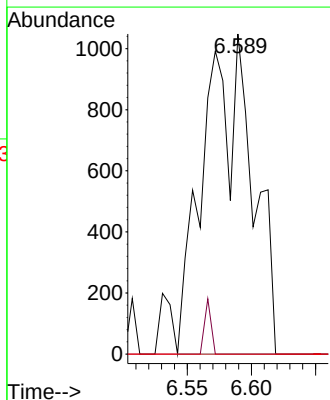
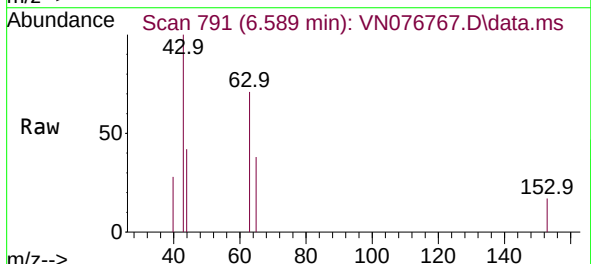
Manual Integrations
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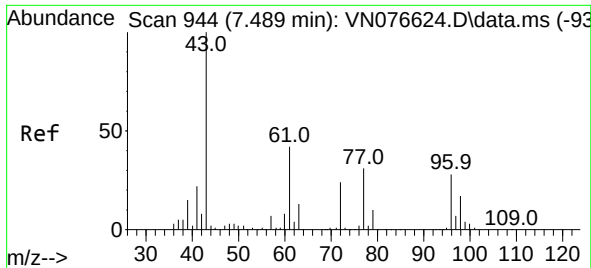
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#24
 1,1-Dichloroethane
 Concen: 0.509 ug/l m
 RT: 6.589 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: VN076767.D
 Acq: 22 Feb 2023 13:21

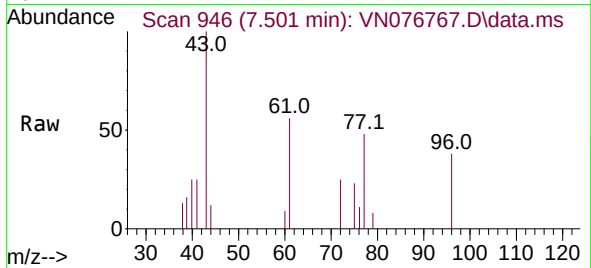
Tgt Ion: 63 Resp: 2760
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.1 12.3#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 2.261 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.012 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

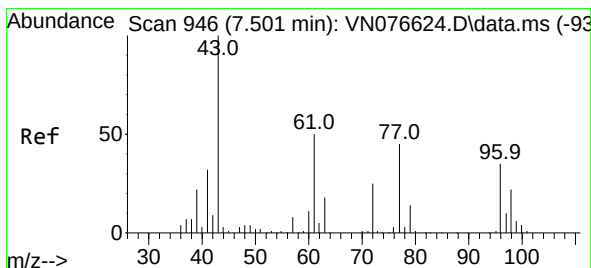
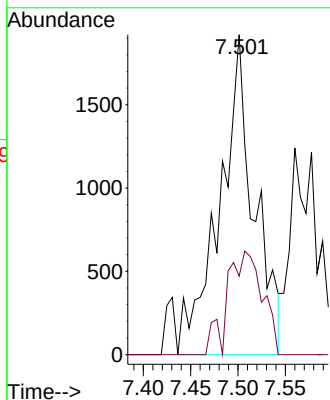
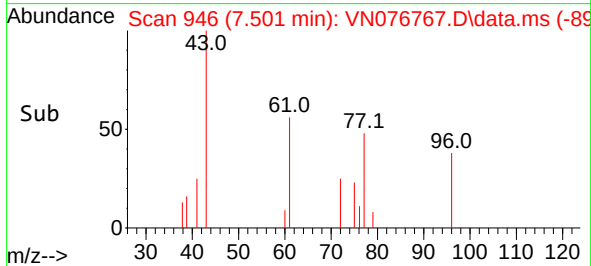
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
72 28.9 19.4 29.2

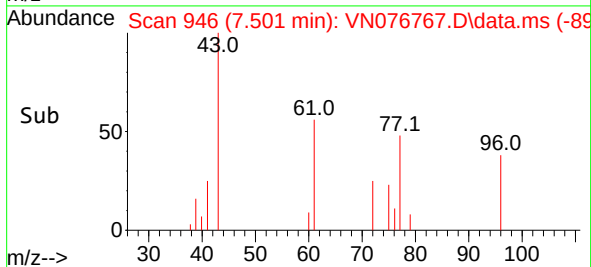
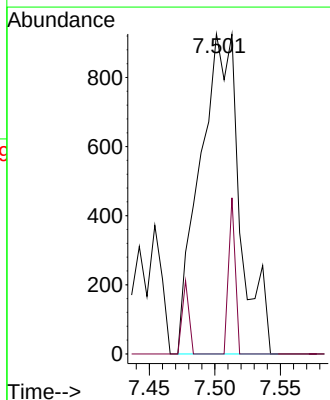
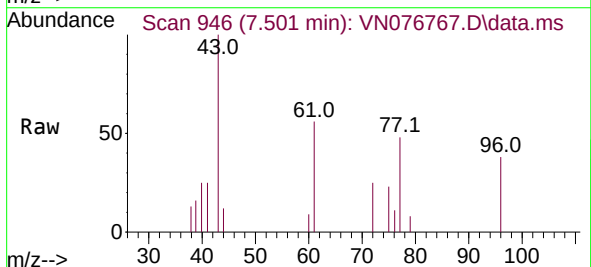
Manual Integrations
APPROVED

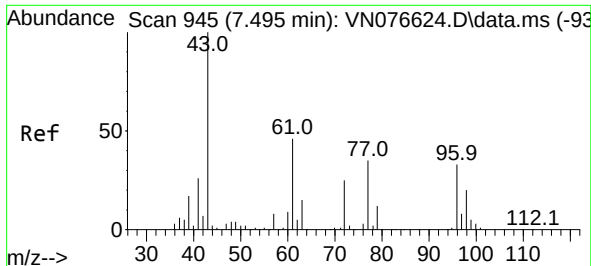
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
2,2-Dichloropropane
Concen: 0.501 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

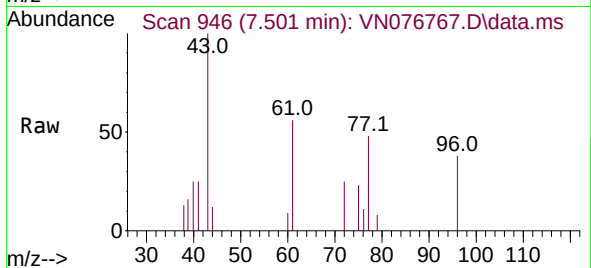
Tgt Ion: 77 Resp: 1958
Ion Ratio Lower Upper
77 100
97 8.2 11.9 35.7#





#27
cis-1,2-Dichloroethene
Concen: 0.439 ug/l m
RT: 7.501 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

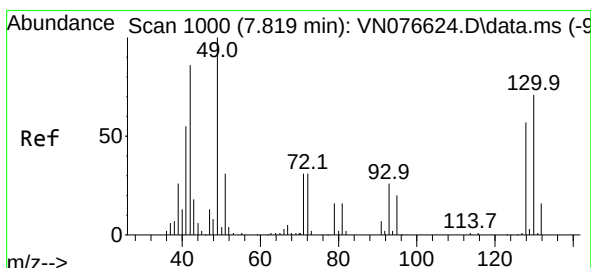
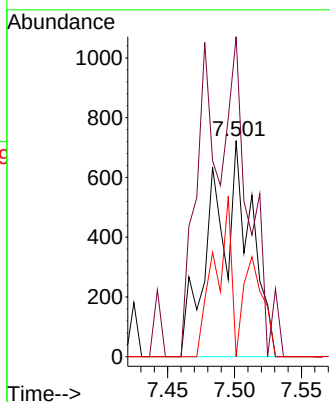
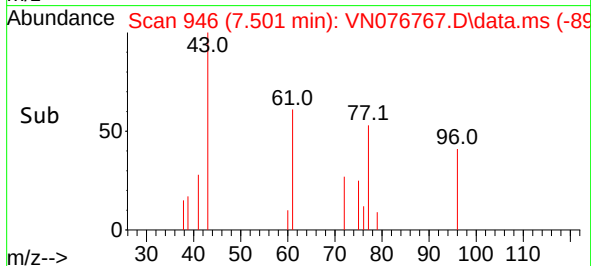
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 96 Resp: 1420
Ion Ratio Lower Upper
96 100
61 88.4 0.0 286.8
98 32.0 0.0 124.0

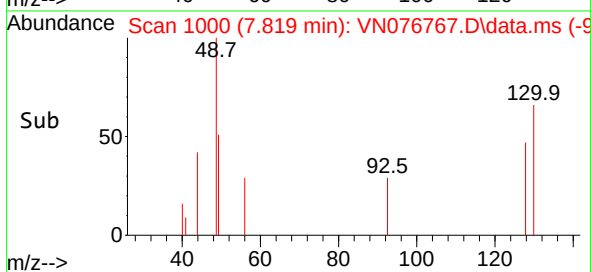
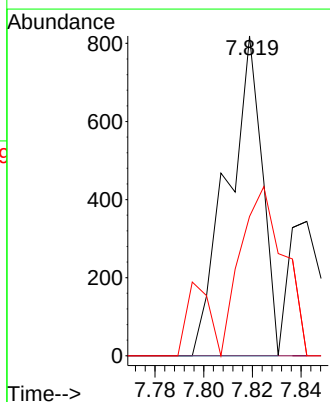
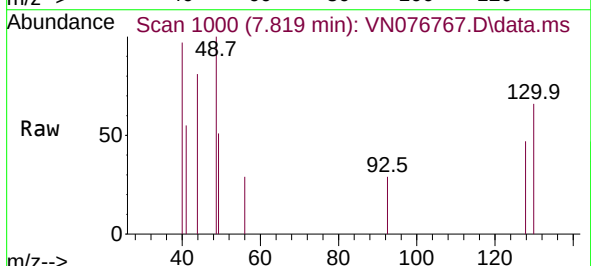
Manual Integrations
APPROVED

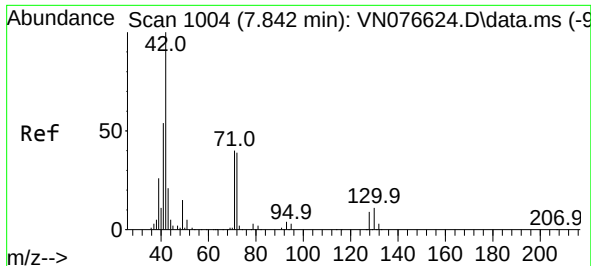
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#28
Bromochloromethane
Concen: 0.316 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 49 Resp: 814
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 80.8 57.8 86.8





#29

Tetrahydrofuran

Concen: 2.185 ug/l

RT: 7.860 min Scan# 1007

Delta R.T. 0.018 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

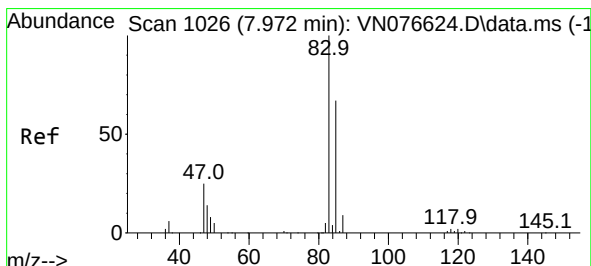
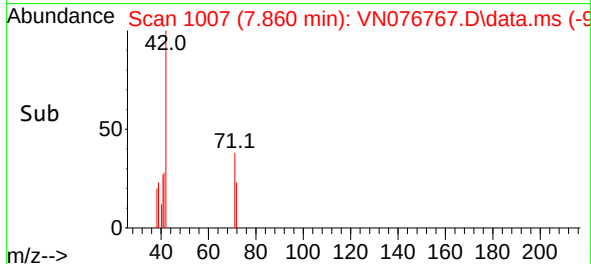
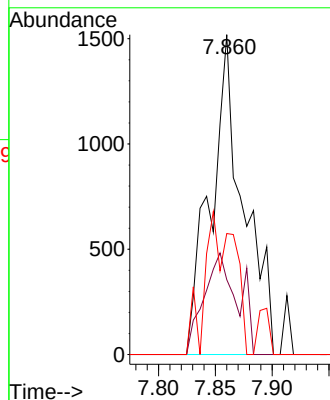
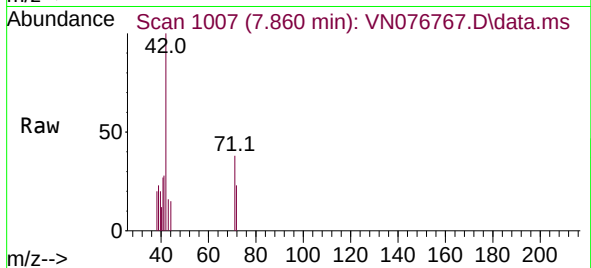
Tgt Ion: 42	Resp: 3062
Ion Ratio	Lower Upper
42 100	
72 32.3	31.5 47.3
71 21.7	29.8 44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#30

Chloroform

Concen: 0.531 ug/l

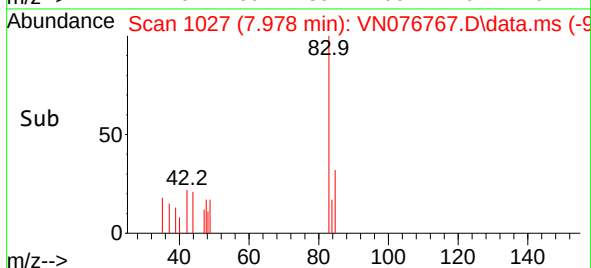
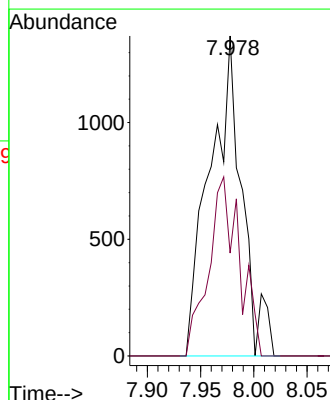
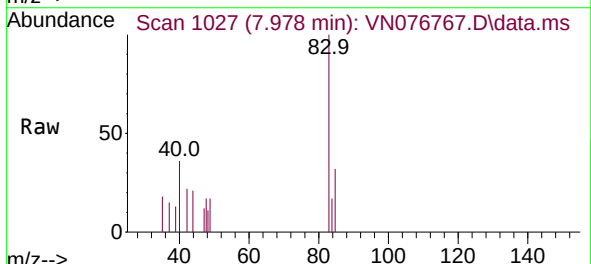
RT: 7.978 min Scan# 1027

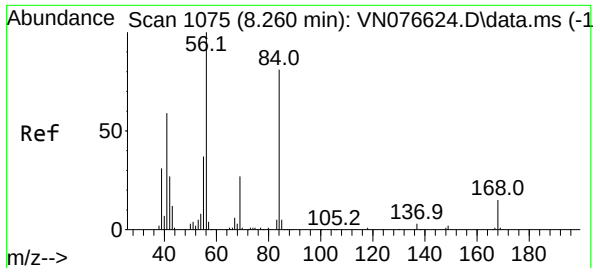
Delta R.T. 0.006 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

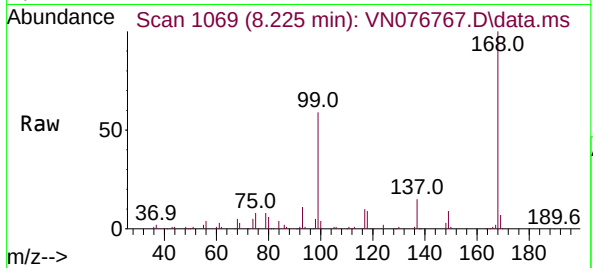
Tgt Ion: 83	Resp: 2876
Ion Ratio	Lower Upper
83 100	
85 32.2	53.5 80.3





#31
Cyclohexane
Concen: 1.908 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

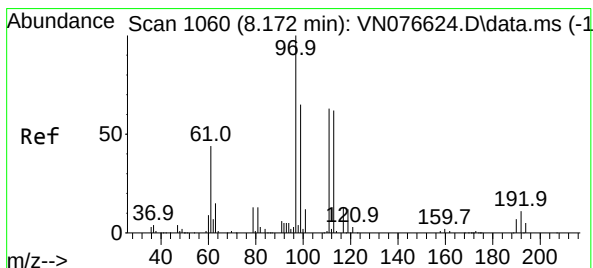
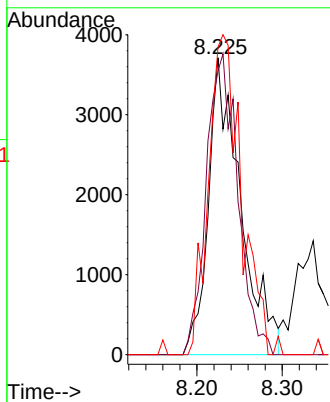
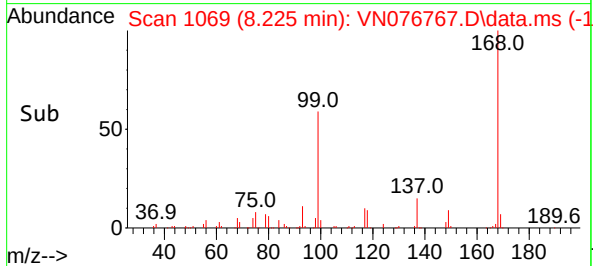
Instrument :
MSVOA_N
ClientSampleId :
MDL07



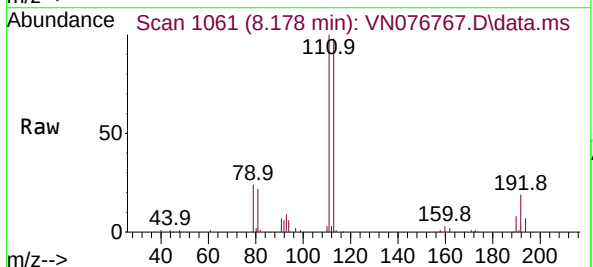
Tgt Ion: 56 Resp: 9740
Ion Ratio Lower Upper
56 100
69 95.6 21.6 32.4#
84 103.7 65.1 97.7#

Manual Integrations
APPROVED

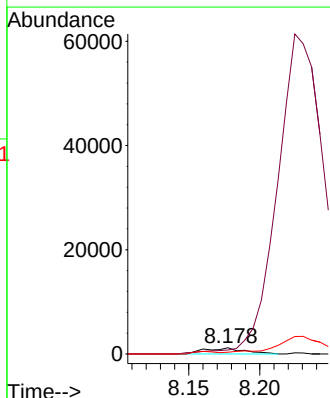
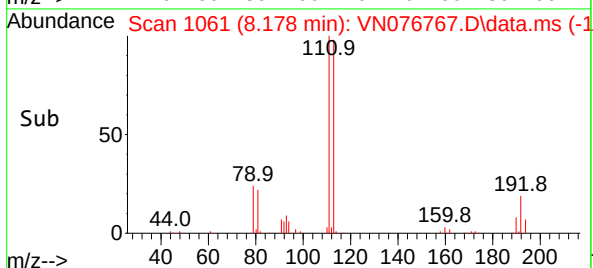
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

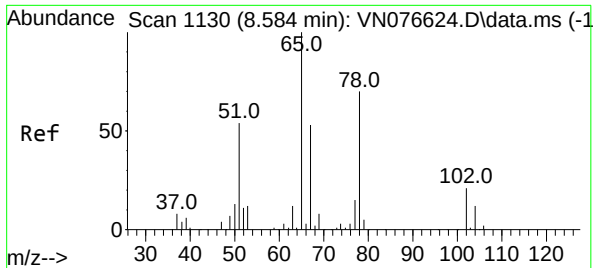


#32
1,1,1-Trichloroethane
Concen: 0.493 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



Tgt Ion: 97 Resp: 2243
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 23.7 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 59.395 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

Tgt Ion: 65 Resp: 19332

Ion Ratio Lower Upper

65 100

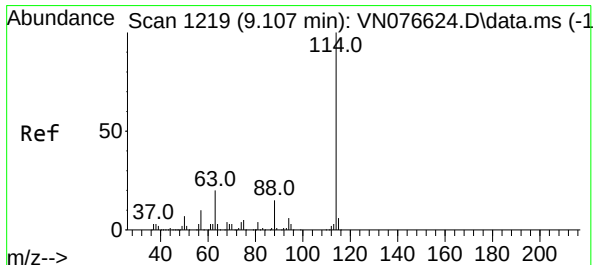
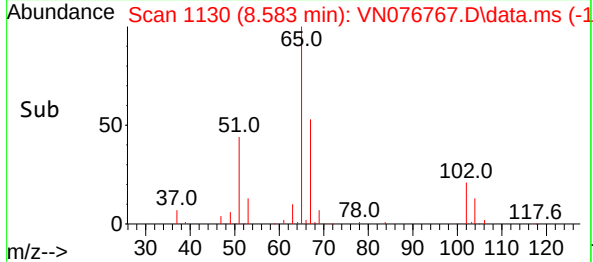
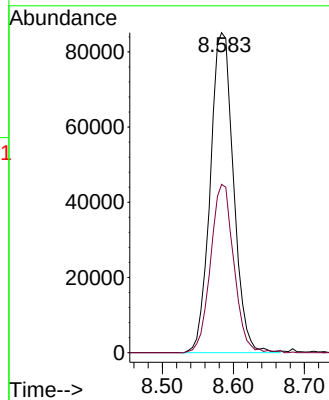
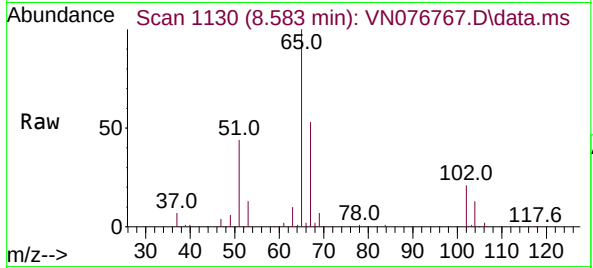
67 52.8 0.0 105.6

Manual Integrations

APPROVED

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: VN076767.D

Acq: 22 Feb 2023 13:21

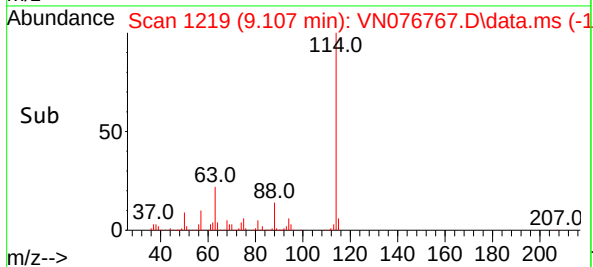
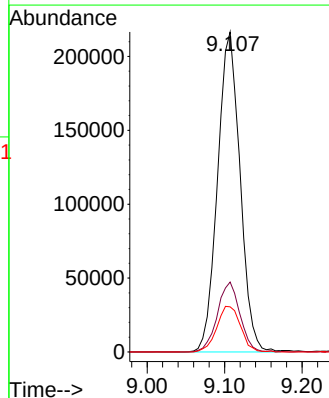
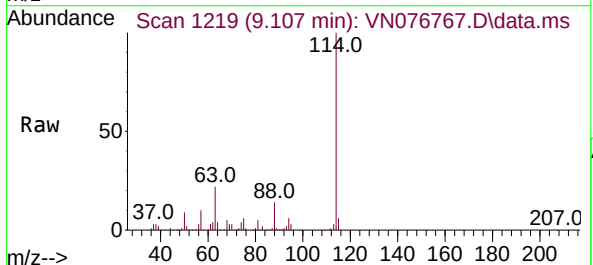
Tgt Ion:114 Resp: 436492

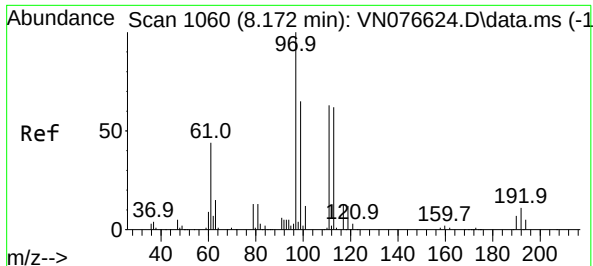
Ion Ratio Lower Upper

114 100

63 21.9 0.0 40.0

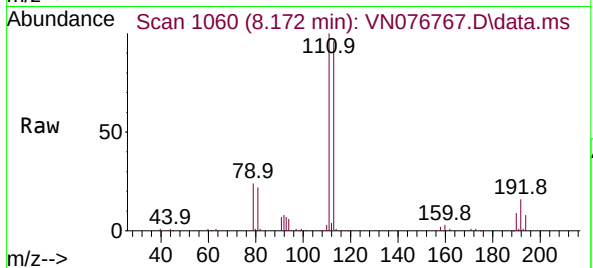
88 14.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 52.112 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

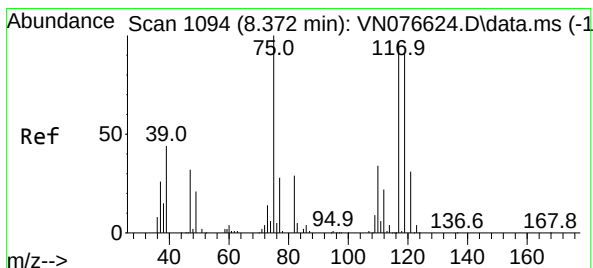
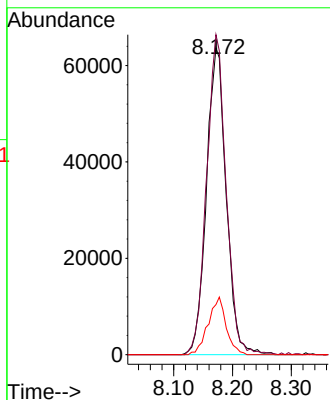
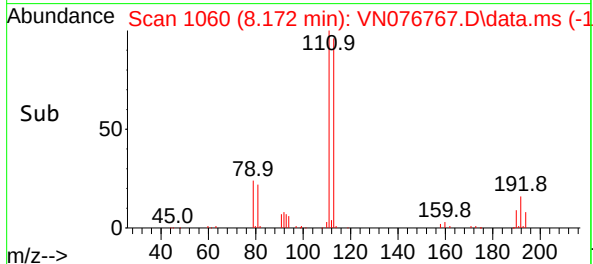
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 113 Resp: 148964
Ion Ratio Lower Upper
113 100
111 103.1 83.1 124.7
192 17.0 15.6 23.4

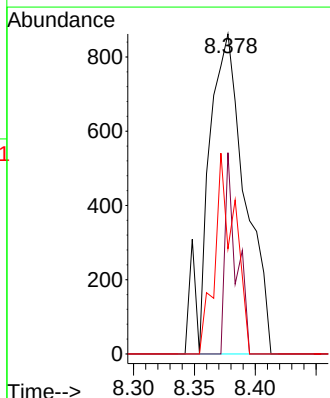
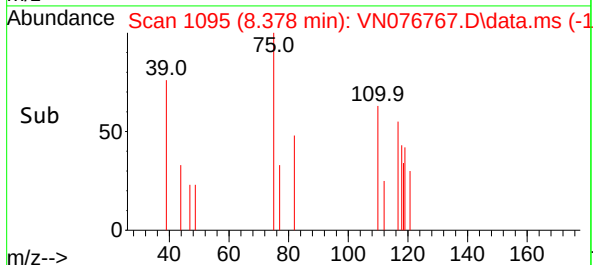
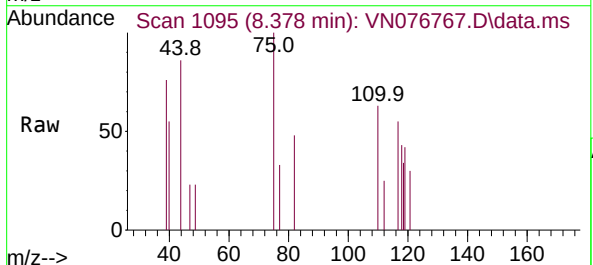
Manual Integrations
APPROVED

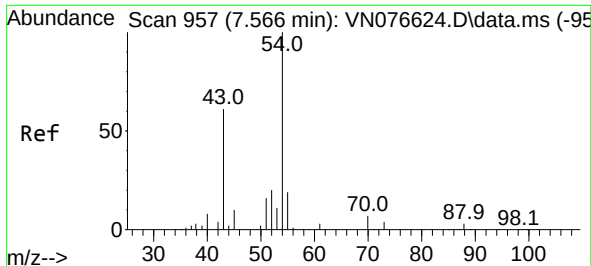
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#36
1,1-Dichloropropene
Concen: 0.441 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 75 Resp: 1820
Ion Ratio Lower Upper
75 100
110 19.6 17.5 52.5
77 34.2 24.5 36.7





#37

Ethyl Acetate

Concen: 0.599 ug/l

RT: 7.560 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

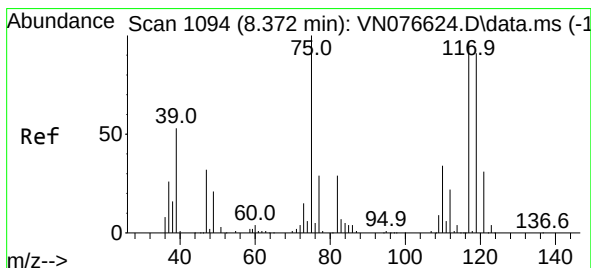
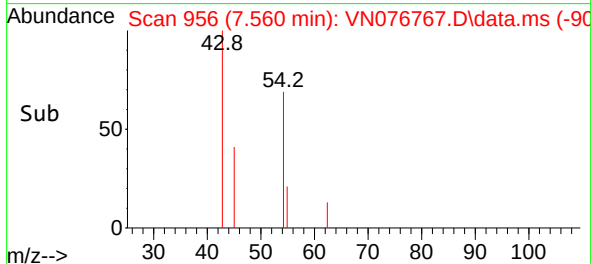
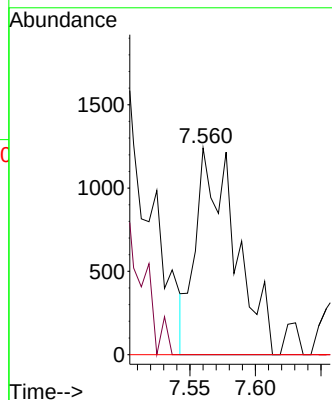
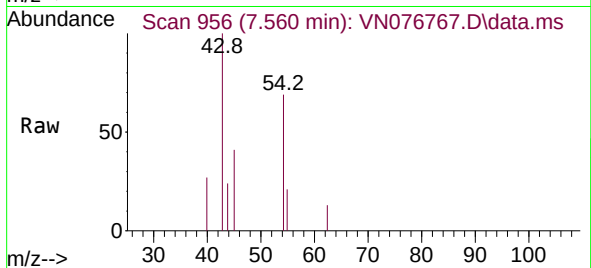
Tgt Ion: 43	Resp: 260
Ion Ratio	Lower Upper
43 100	
61 0.0	9.9 14.9
70 0.0	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#38

Carbon Tetrachloride

Concen: 0.423 ug/l

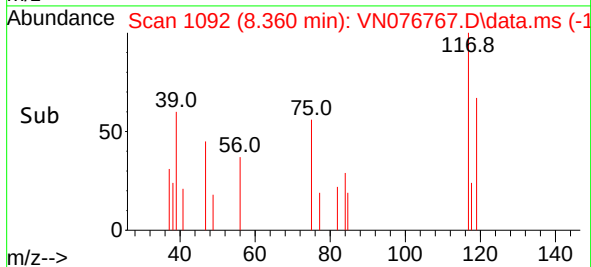
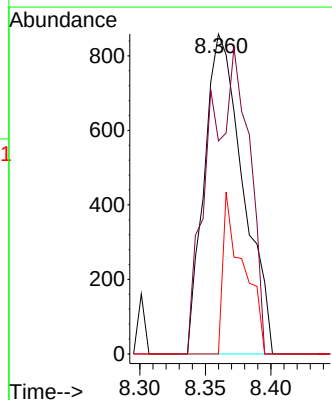
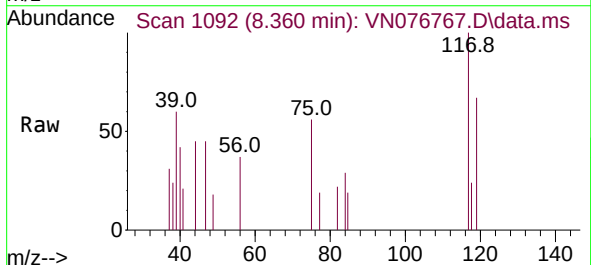
RT: 8.360 min Scan# 1092

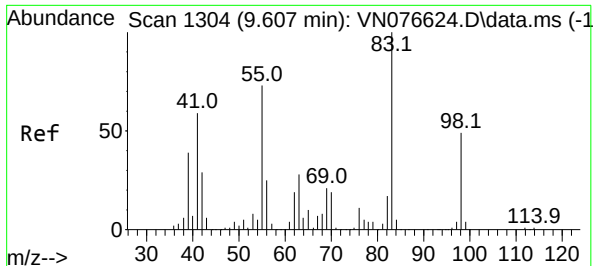
Delta R.T. -0.012 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Tgt Ion: 117	Resp: 1764
Ion Ratio	Lower Upper
117 100	
119 66.6	75.4 113.0#
121 0.0	26.0 39.0#





#39

Methylcyclohexane

Concen: 0.432 ug/l

RT: 9.613 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

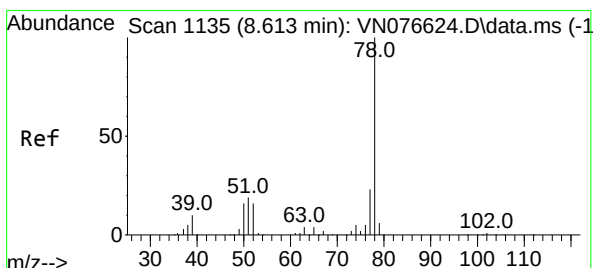
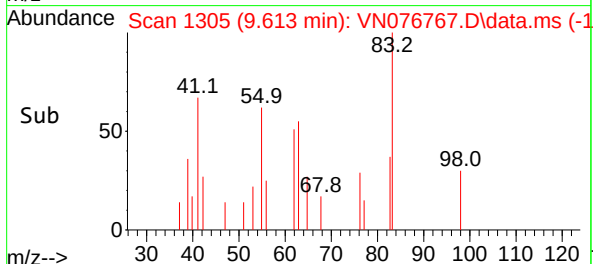
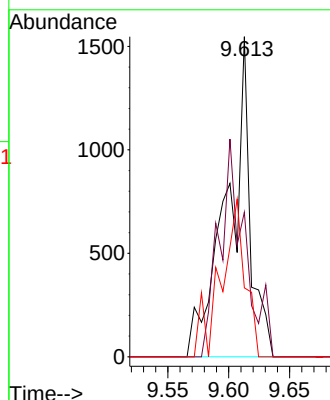
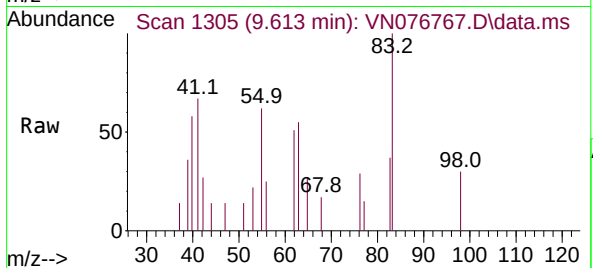
Tgt Ion: 83	Resp: 202
Ion Ratio	Lower Upper
83 100	
55 45.2	58.6 88.0
98 21.5	39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#40

Benzene

Concen: 0.466 ug/l

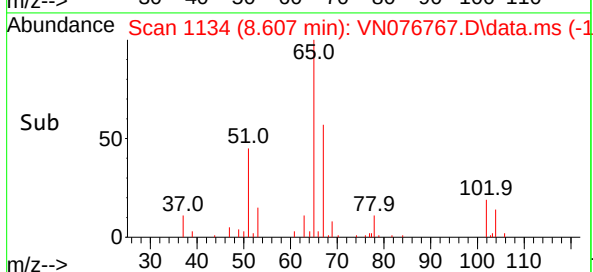
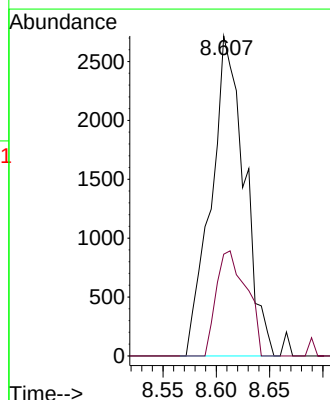
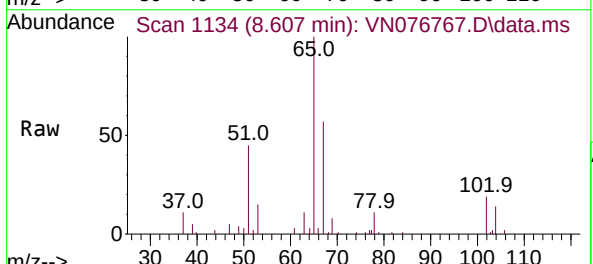
RT: 8.607 min Scan# 1134

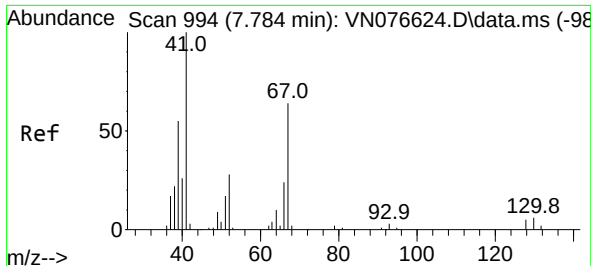
Delta R.T. -0.006 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

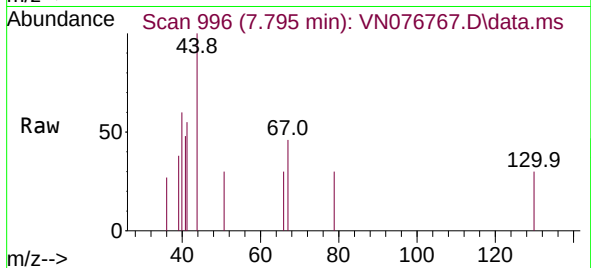
Tgt Ion: 78	Resp: 5913
Ion Ratio	Lower Upper
78 100	
77 31.8	18.2 27.4





#41
Methacrylonitrile
Concen: 0.468 ug/l
RT: 7.795 min Scan# 994
Delta R.T. 0.011 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

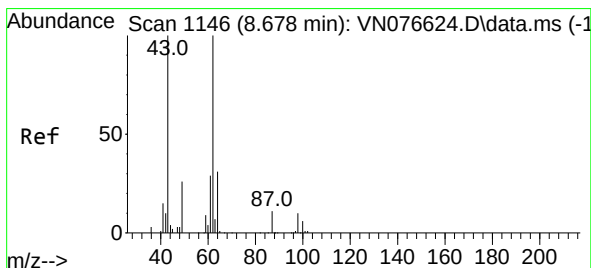
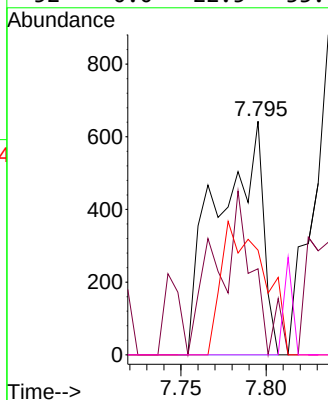
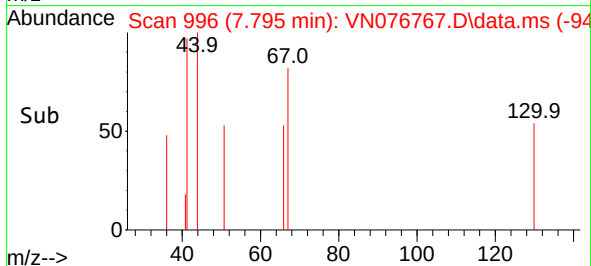
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 41 Resp: 1179
Ion Ratio Lower Upper
41 100
39 58.4 42.6 63.8
67 54.1 51.4 77.0
52 0.0 22.5 33.7#

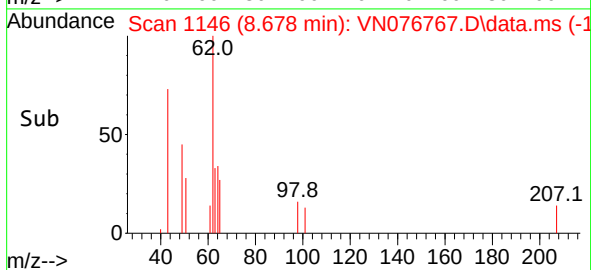
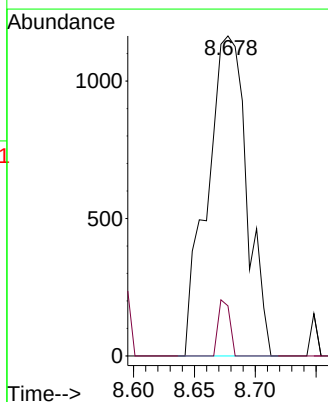
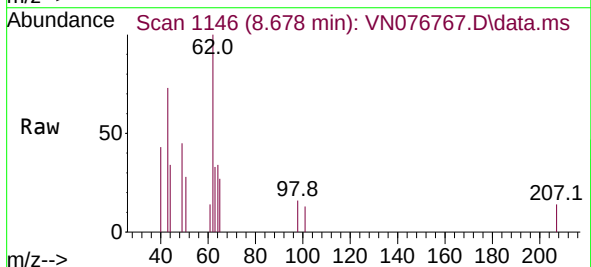
Manual Integrations
APPROVED

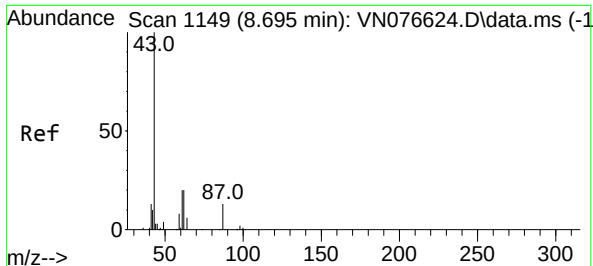
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
1,2-Dichloroethane
Concen: 0.596 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 62 Resp: 2638
Ion Ratio Lower Upper
62 100
98 5.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 0.524 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

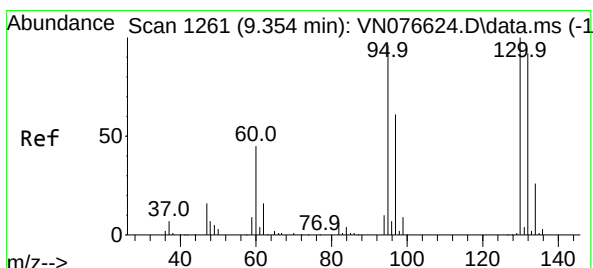
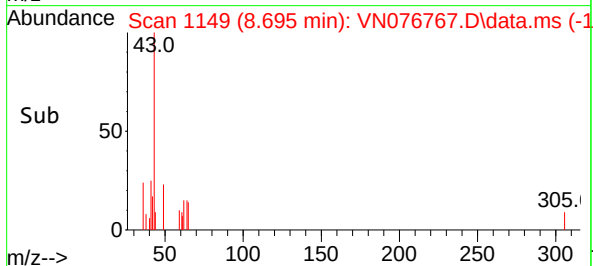
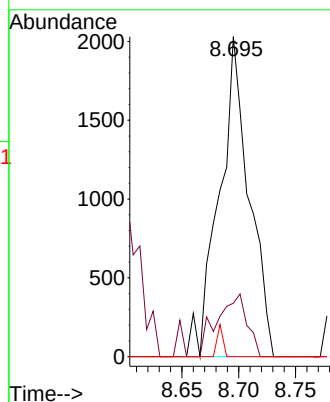
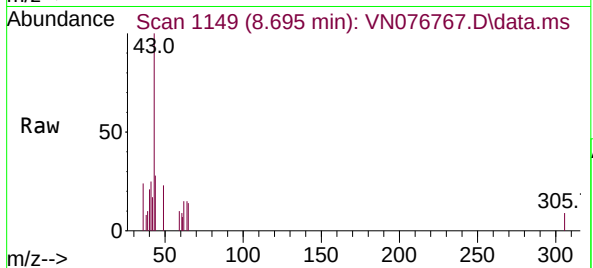
Tgt Ion:	43	Resp:	3704
Ion	Ratio	Lower	Upper
43	100		
61	19.8	20.0	30.0
87	1.9	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#44

Trichloroethene

Concen: 0.645 ug/l

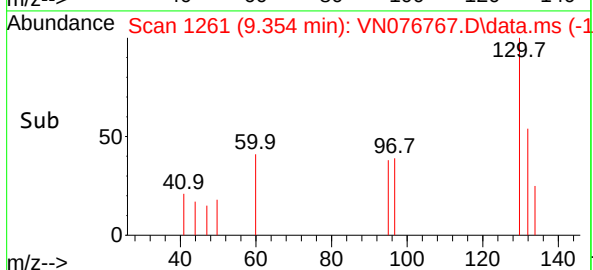
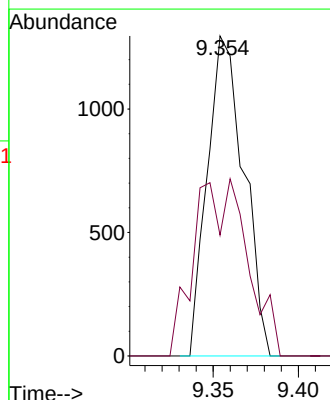
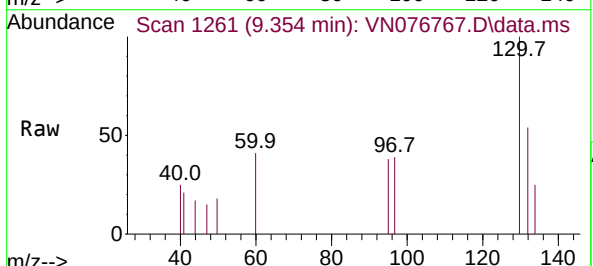
RT: 9.354 min Scan# 1261

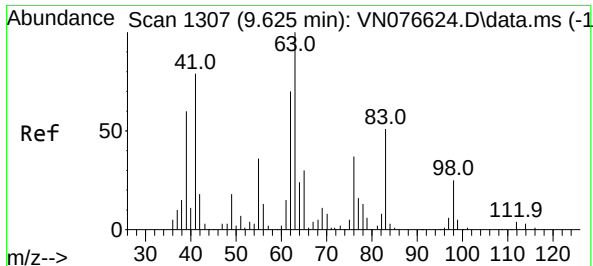
Delta R.T. 0.000 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Tgt Ion:	130	Resp:	1934
Ion	Ratio	Lower	Upper
130	100		
95	37.7	0.0	191.4





#45

1,2-Dichloropropane

Concen: 0.609 ug/l

RT: 9.625 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

Tgt Ion: 63 Resp: 2044

Ion Ratio Lower Upper

63 100

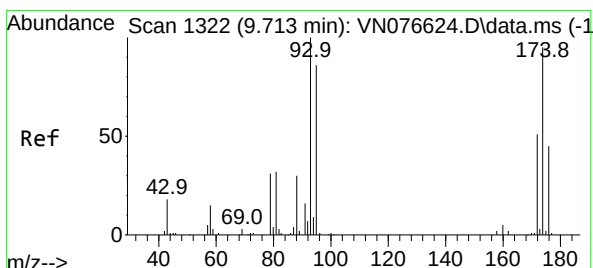
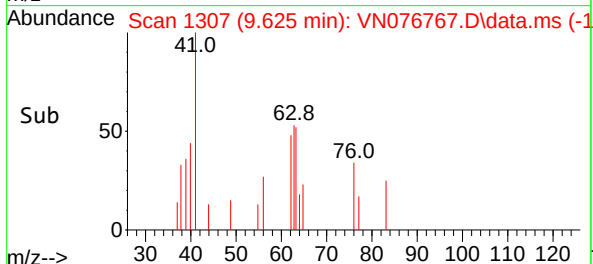
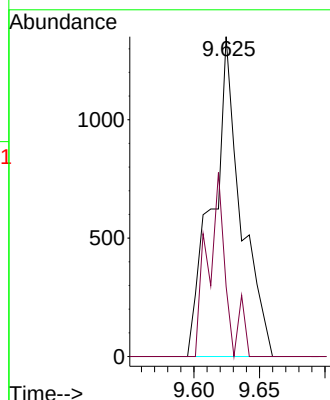
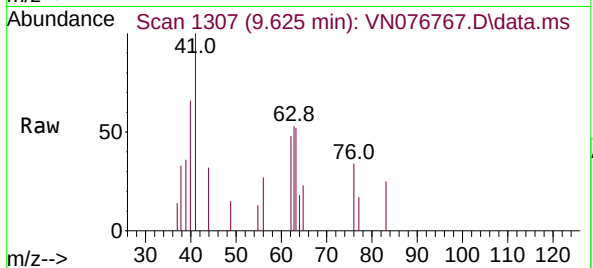
65 21.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#46

Dibromomethane

Concen: 0.417 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.018 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

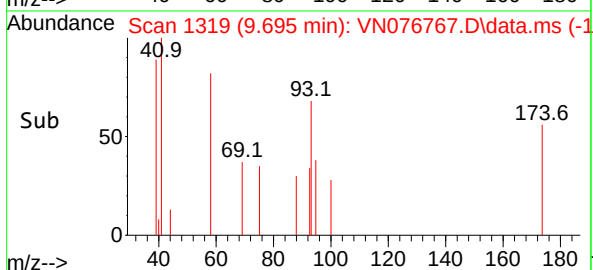
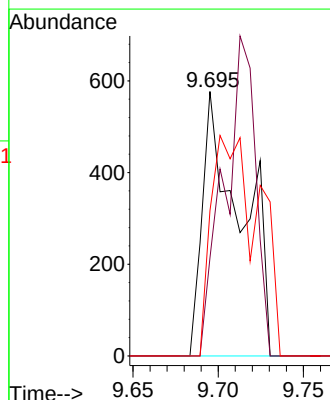
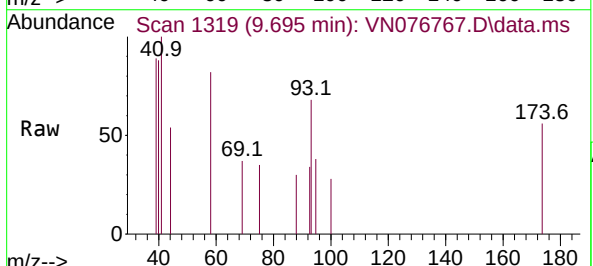
Tgt Ion: 93 Resp: 895

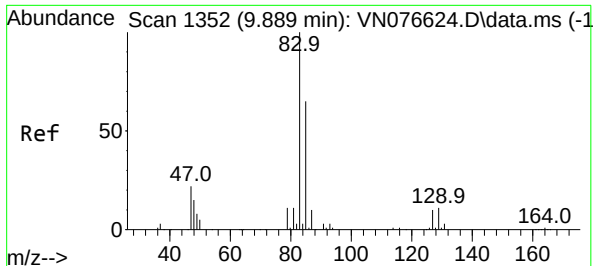
Ion Ratio Lower Upper

93 100

95 99.0 66.0 99.0

174 103.2 75.8 113.8





#47

Bromodichloromethane

Concen: 0.488 ug/l

RT: 9.901 min Scan# 1354

Delta R.T. 0.012 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

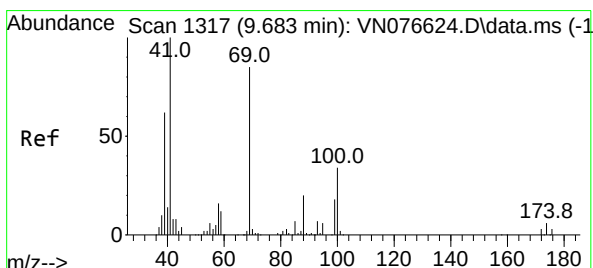
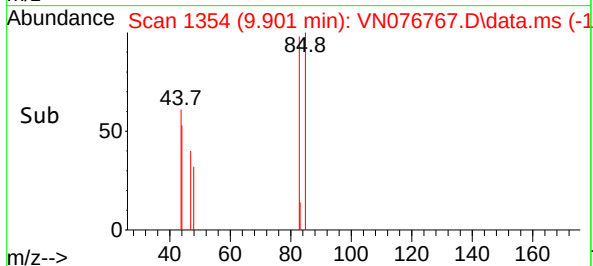
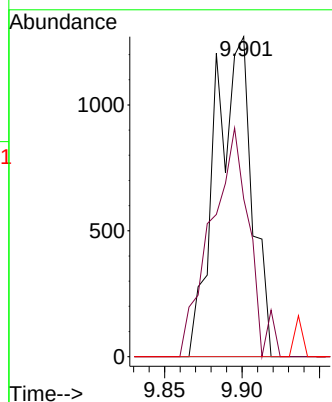
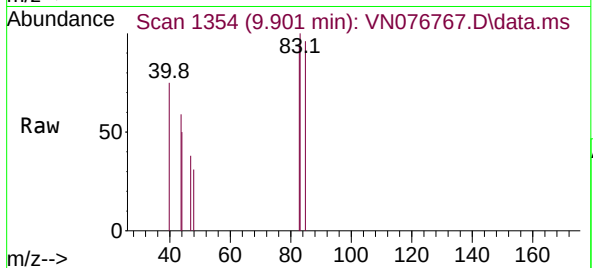
Tgt Ion:	83	Resp:	210
Ion	Ratio	Lower	Upper
83	100		
85	49.3	51.8	77.6
127	0.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#48

Methyl methacrylate

Concen: 0.556 ug/l

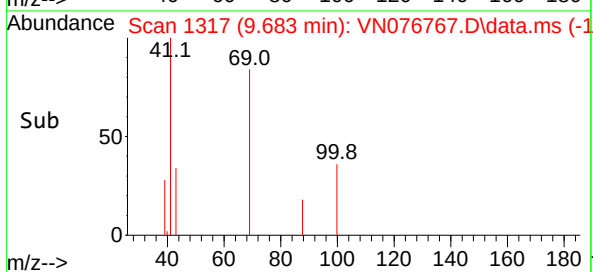
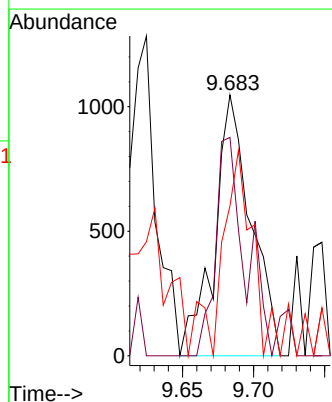
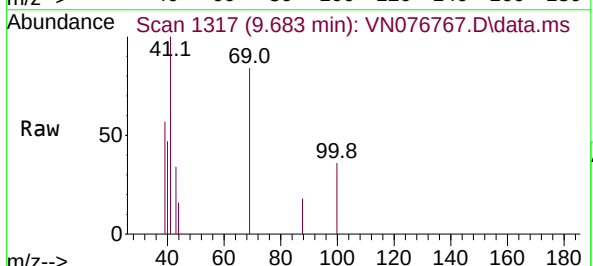
RT: 9.683 min Scan# 1317

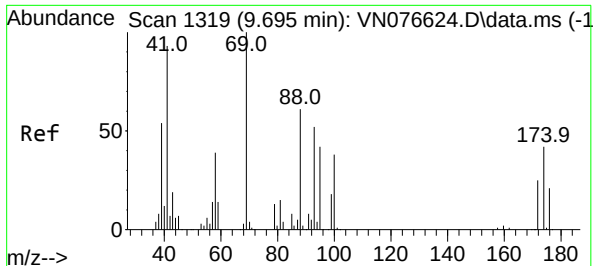
Delta R.T. 0.000 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Tgt Ion:	41	Resp:	1864
Ion	Ratio	Lower	Upper
41	100		
69	68.3	65.4	98.0
39	58.9	49.3	73.9





#49

1,4-Dioxane

Concen: 10.579 ug/l

RT: 9.707 min Scan# 1319

Delta R.T. 0.012 min

Lab File: VN076767.D

Acq: 22 Feb 2023 13:21

Instrument :

MSVOA_N

ClientSampleId :

MDL07

Tgt Ion: 88 Resp: 614

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8

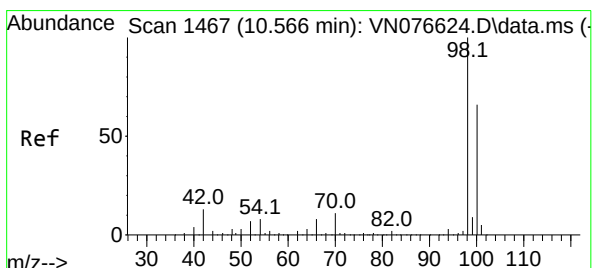
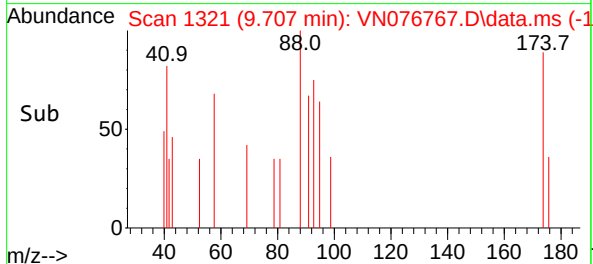
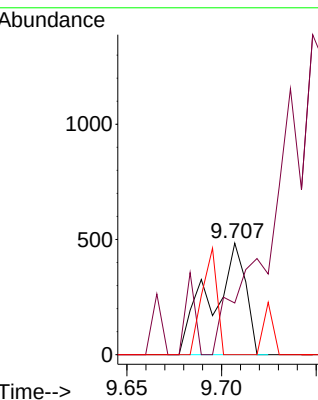
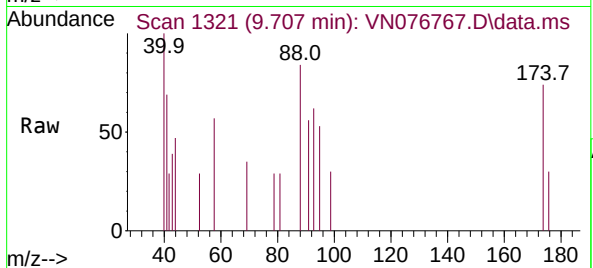
58 41.2 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/23/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

Toluene-d8

Concen: 50.744 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076767.D

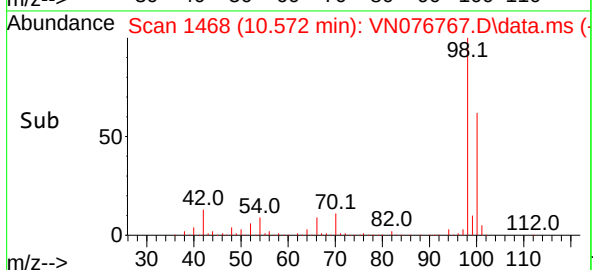
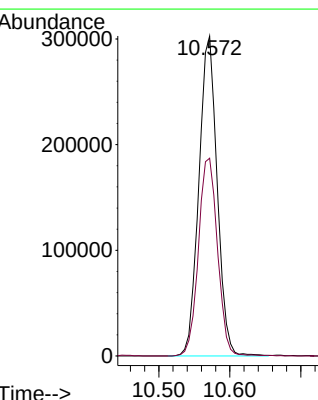
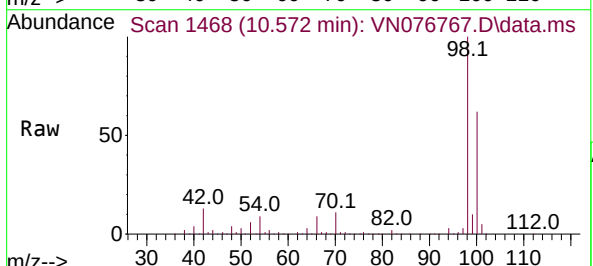
Acq: 22 Feb 2023 13:21

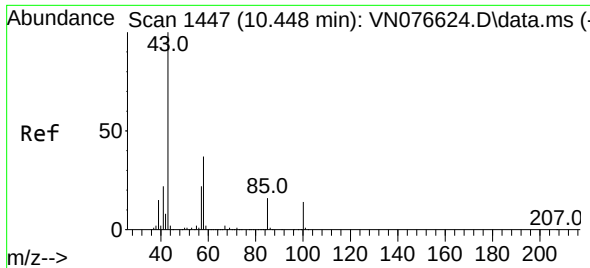
Tgt Ion: 98 Resp: 541708

Ion Ratio Lower Upper

98 100

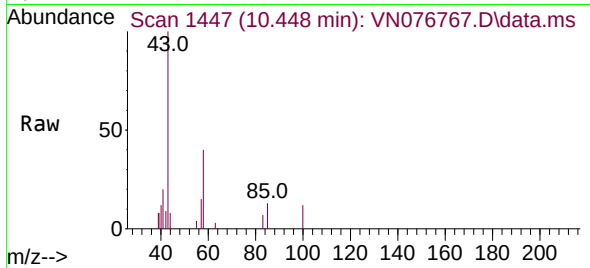
100 64.5 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 2.046 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

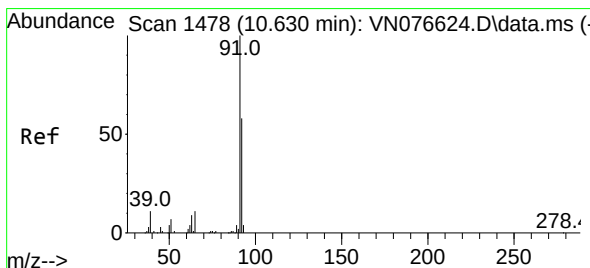
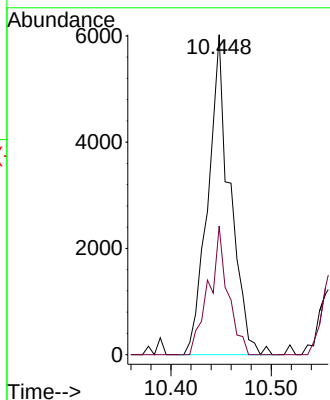
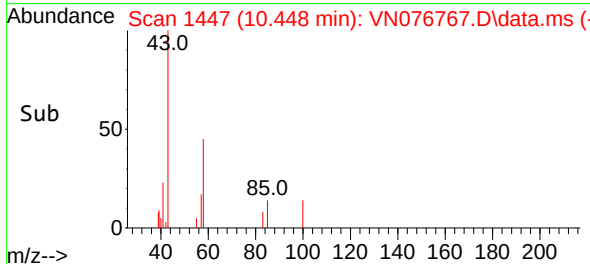
Instrument :
MSVOA_N
ClientSampleId :
MDL07



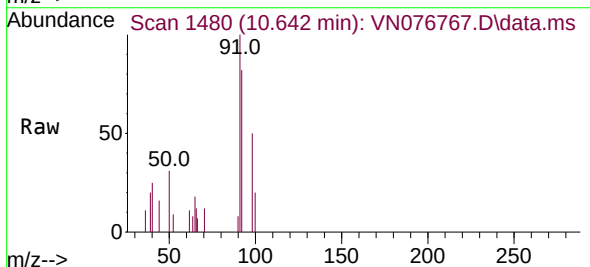
Tgt Ion: 43 Resp: 9200
Ion Ratio Lower Upper
43 100
58 34.8 29.5 44.3

Manual Integrations
APPROVED

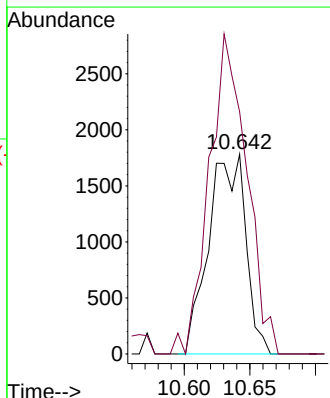
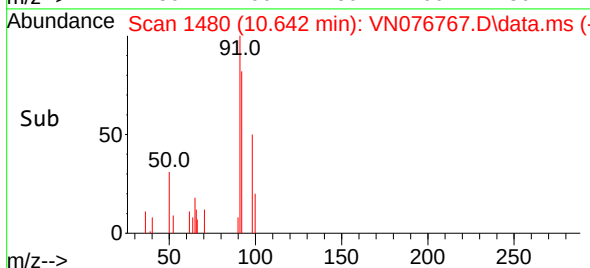
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

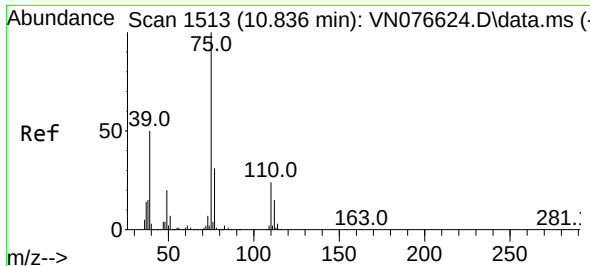


#52
Toluene
Concen: 0.457 ug/l
RT: 10.642 min Scan# 1480
Delta R.T. 0.012 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



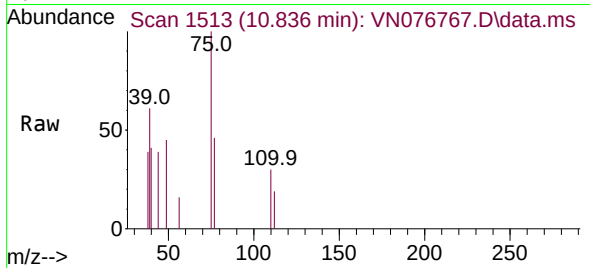
Tgt Ion: 92 Resp: 3499
Ion Ratio Lower Upper
92 100
91 162.1 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 0.408 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

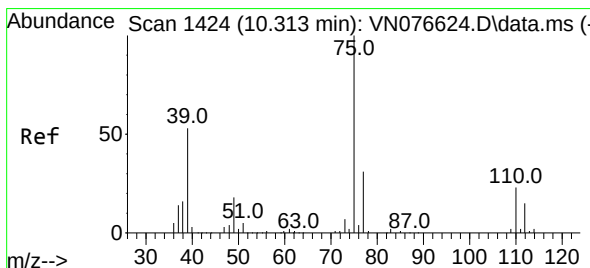
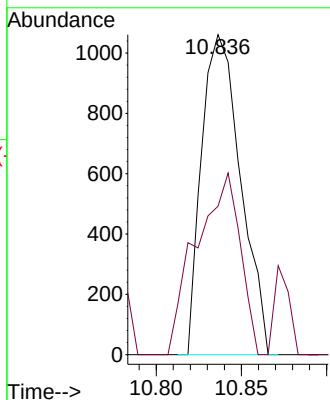
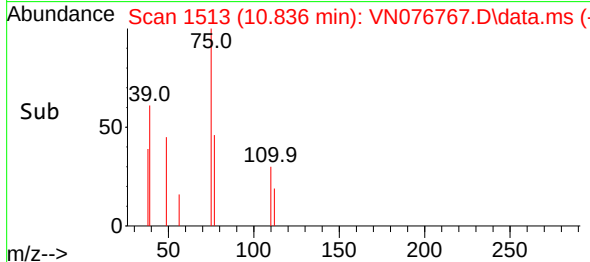
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 75 Resp: 169
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0

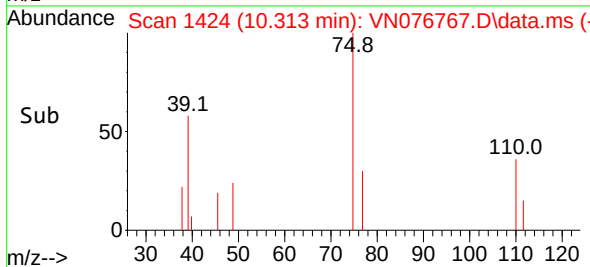
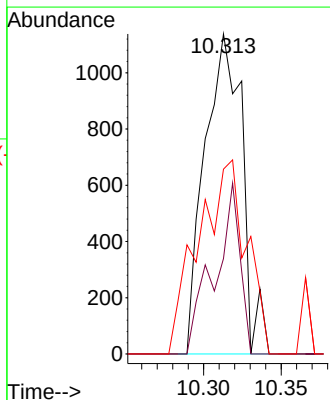
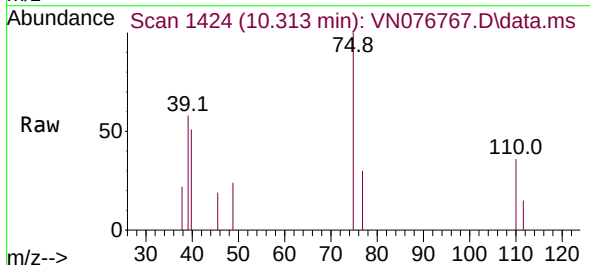
Manual Integrations
APPROVED

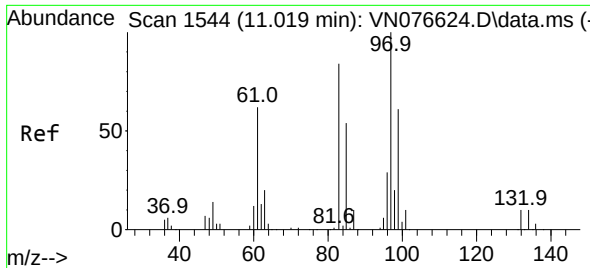
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#54
cis-1,3-Dichloropropene
Concen: 0.398 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

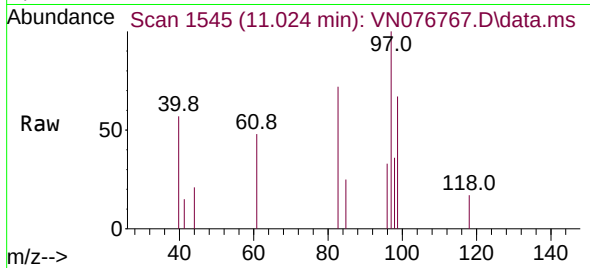
Tgt Ion: 75 Resp: 1905
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7
39 57.7 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 0.484 ug/l
RT: 11.024 min Scan# 1544
Delta R.T. 0.005 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

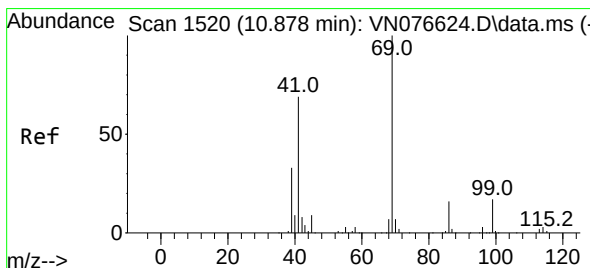
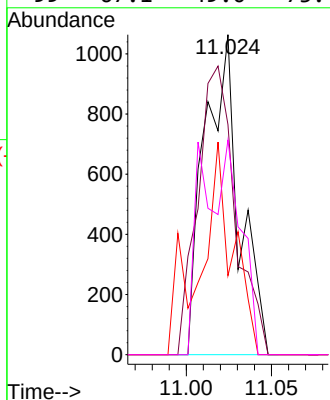
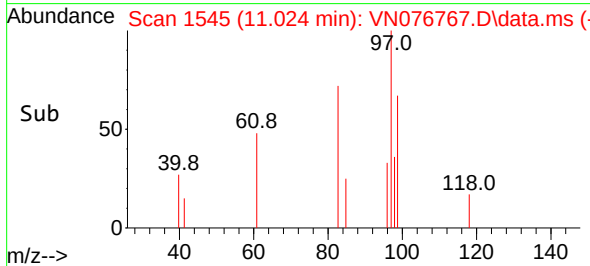
Instrument :
MSVOA_N
ClientSampleId :
MDL07



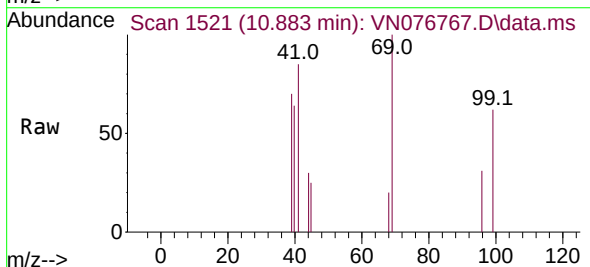
Tgt Ion	Ratio	Lower	Upper
97	100		
83	71.9	67.3	100.9
85	24.7	43.2	64.8
99	67.1	49.0	73.4

Manual Integrations
APPROVED

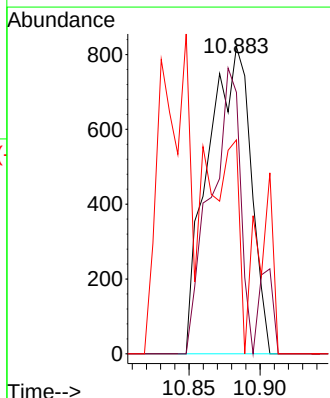
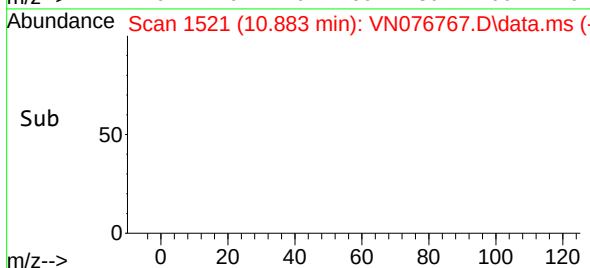
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

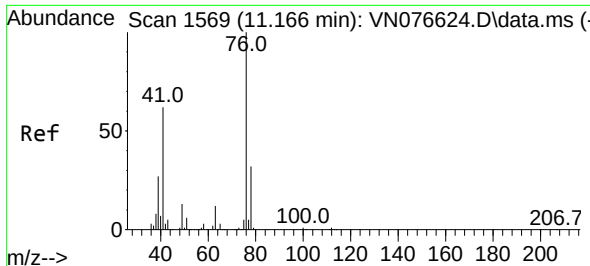


#56
Ethyl methacrylate
Concen: 0.395 ug/l
RT: 10.883 min Scan# 1521
Delta R.T. 0.005 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



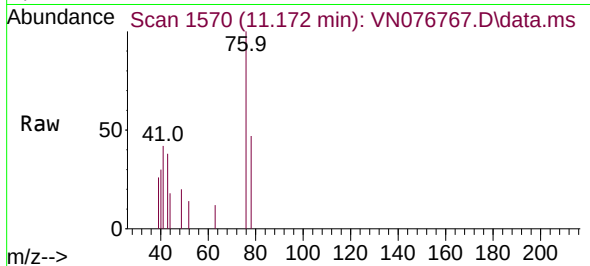
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.9	55.1	82.7
39	0.0	30.7	46.1





#57
1,3-Dichloropropane
Concen: 0.411 ug/l
RT: 11.172 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

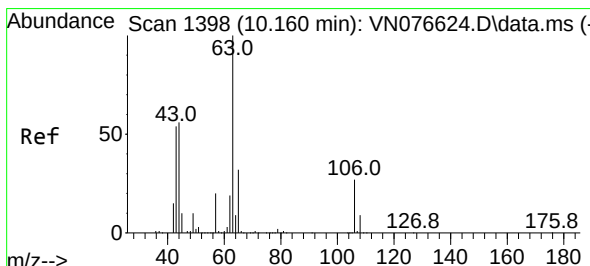
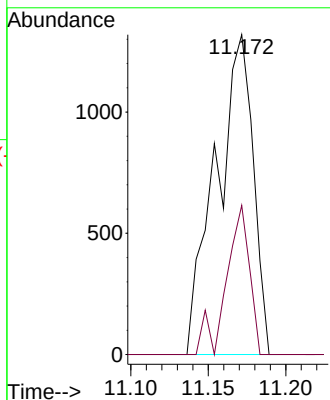
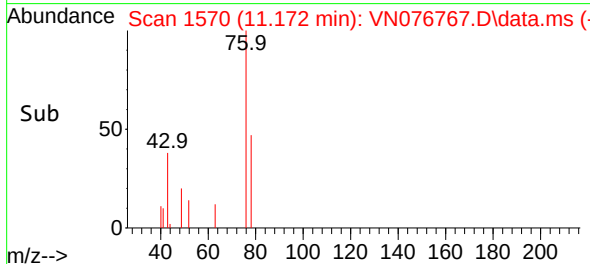
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion: 76 Resp: 2198
Ion Ratio Lower Upper
76 100
78 29.1 26.1 39.1

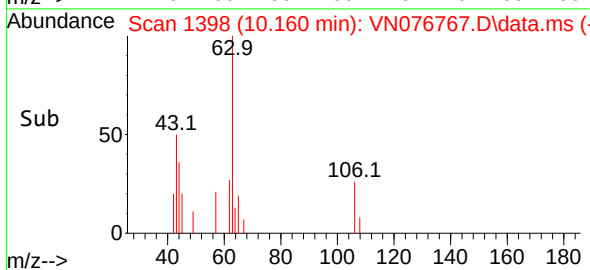
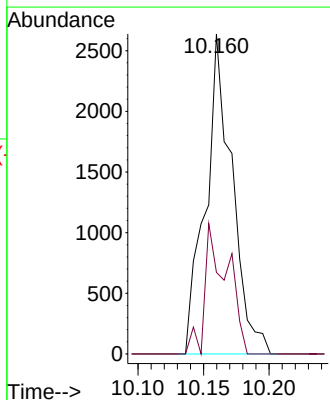
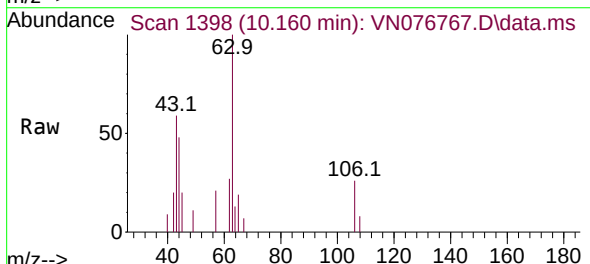
Manual Integrations
APPROVED

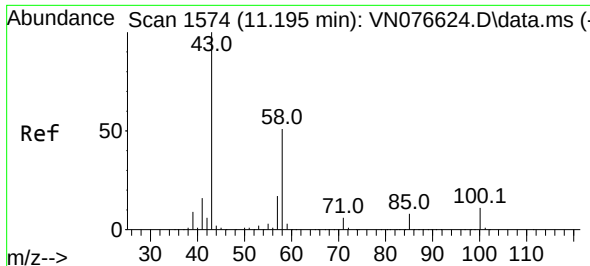
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
2-Chloroethyl Vinyl ether
Concen: 1.852 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 63 Resp: 3717
Ion Ratio Lower Upper
63 100
106 34.9 22.3 33.5#





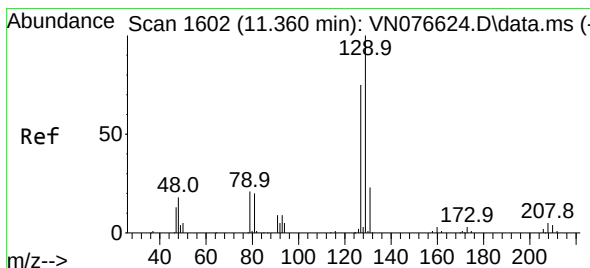
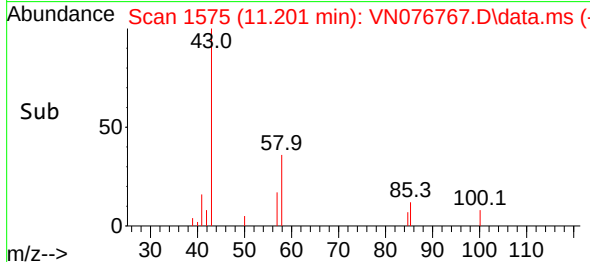
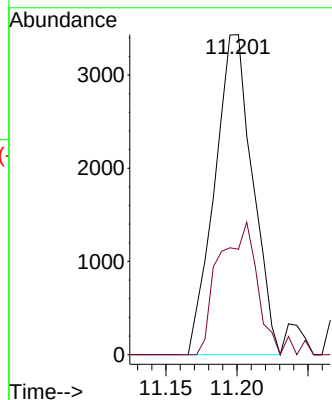
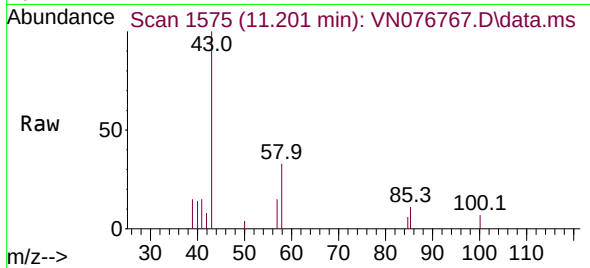
#59
2-Hexanone
Concen: 1.965 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
58 41.3 25.4 76.0

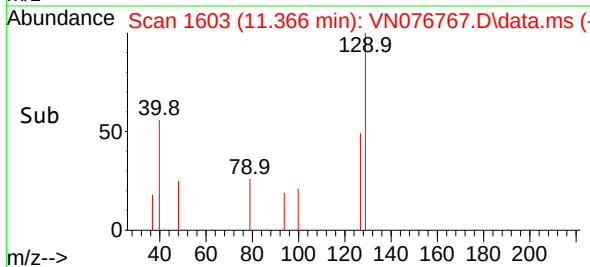
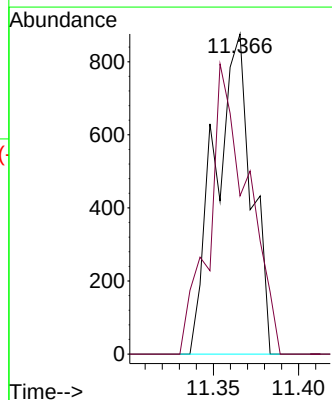
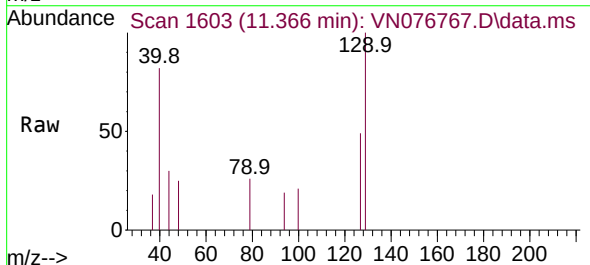
Manual Integrations
APPROVED

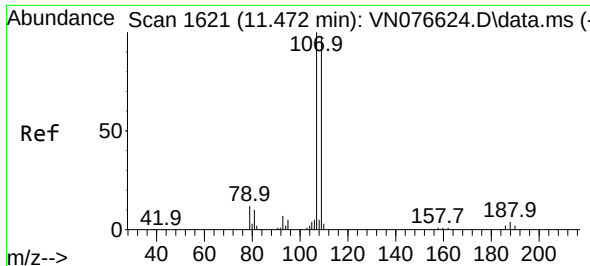
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
Dibromochloromethane
Concen: 0.401 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion:129 Resp: 1316
Ion Ratio Lower Upper
129 100
127 94.8 38.8 116.4





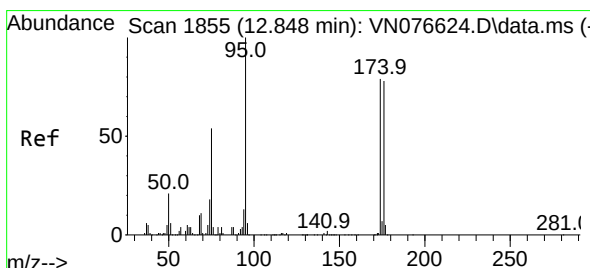
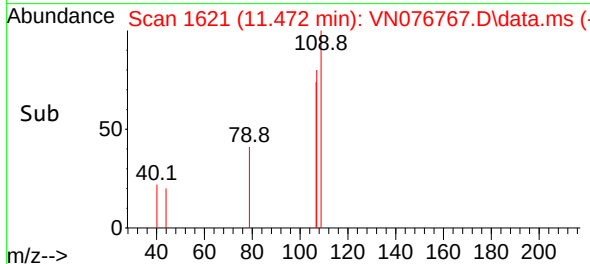
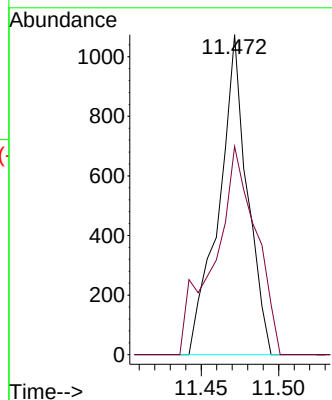
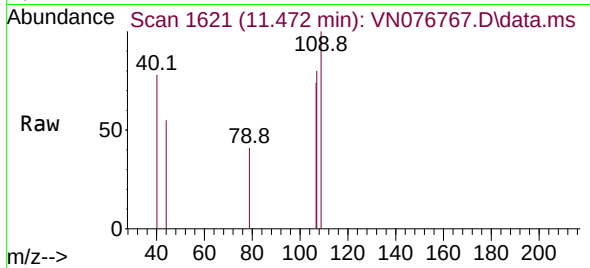
#61
1,2-Dibromoethane
Concen: 0.439 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion:107 Resp: 1368
Ion Ratio Lower Upper
107 100
109 95.8 76.8 115.2

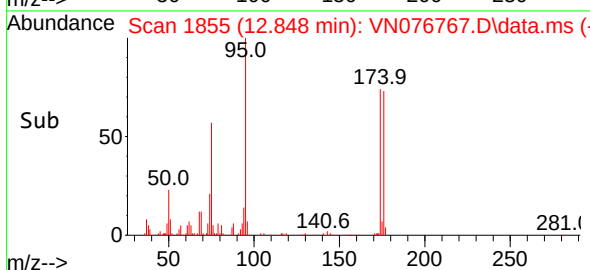
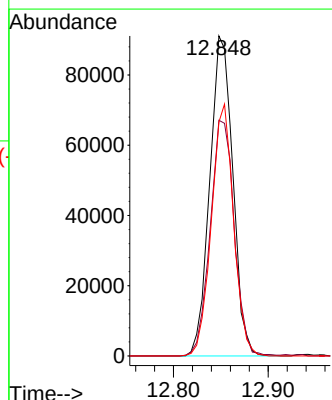
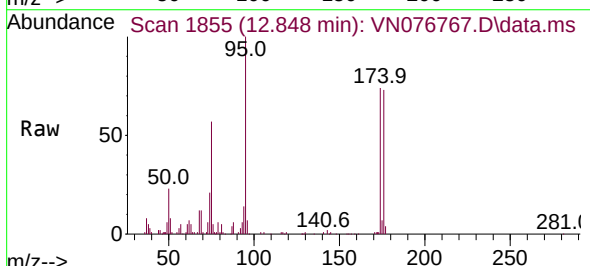
Manual Integrations
APPROVED

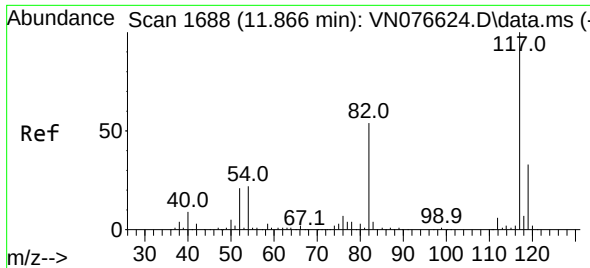
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#62
4-Bromofluorobenzene
Concen: 43.441 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

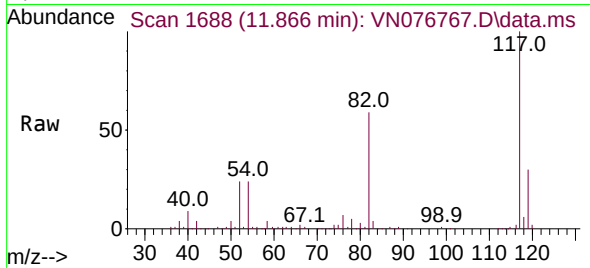
Tgt Ion: 95 Resp: 153592
Ion Ratio Lower Upper
95 100
174 77.2 0.0 169.2
176 75.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

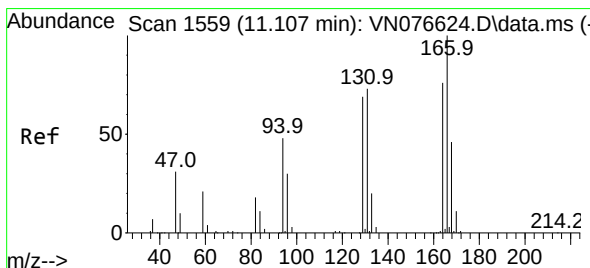
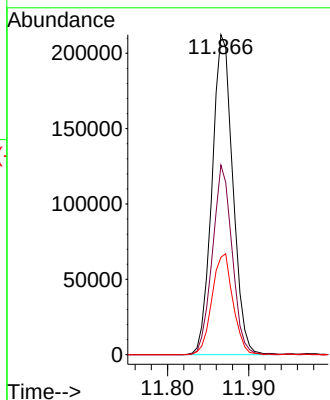
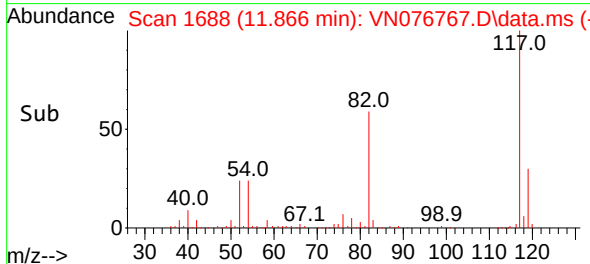
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion:117 Resp: 377610
Ion Ratio Lower Upper
117 100
82 59.2 43.4 65.2
119 30.4 26.1 39.1

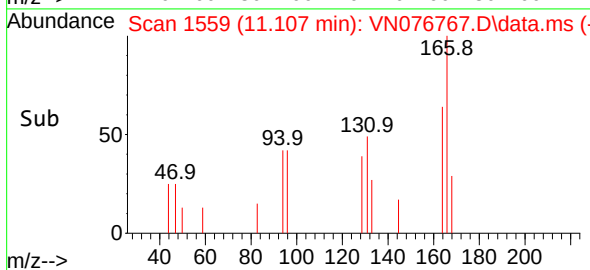
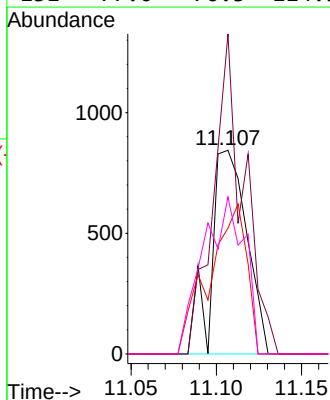
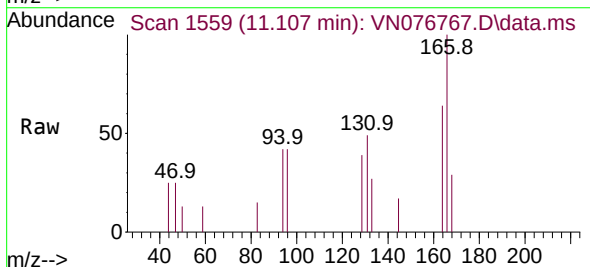
Manual Integrations
APPROVED

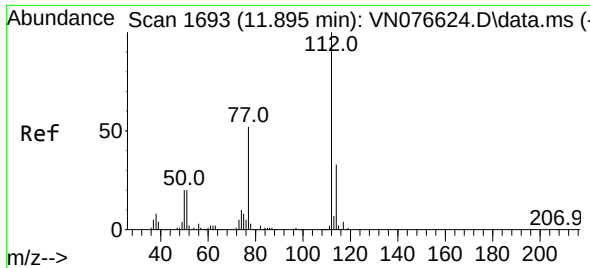
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
Tetrachloroethene
Concen: 0.516 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

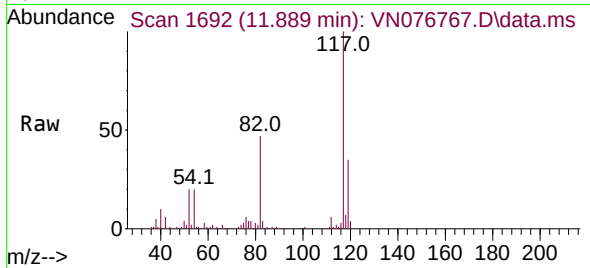
Tgt Ion:164 Resp: 1227
Ion Ratio Lower Upper
164 100
166 157.1 104.8 157.2
129 61.7 72.2 108.2#
131 77.0 76.3 114.5





#65
Chlorobenzene
Concen: 0.483 ug/l
RT: 11.889 min Scan# 1692
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

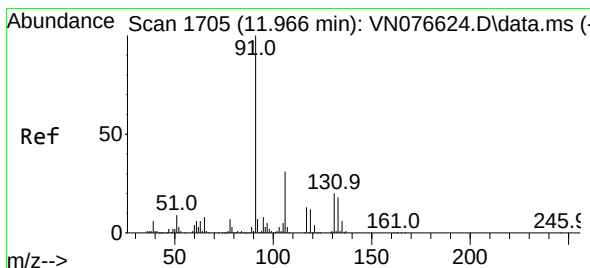
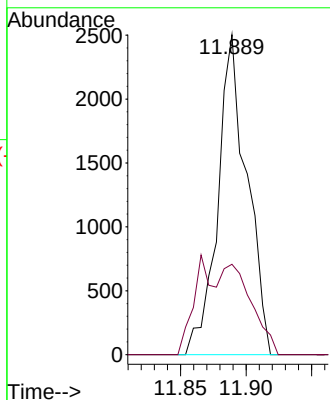
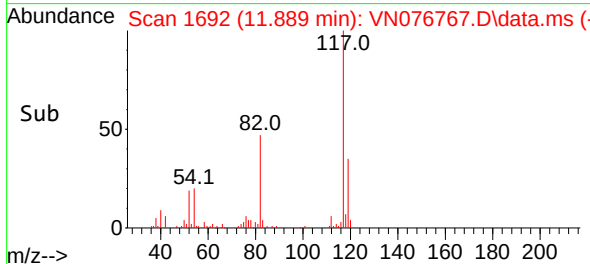
Instrument :
MSVOA_N
ClientSampleId :
MDL07



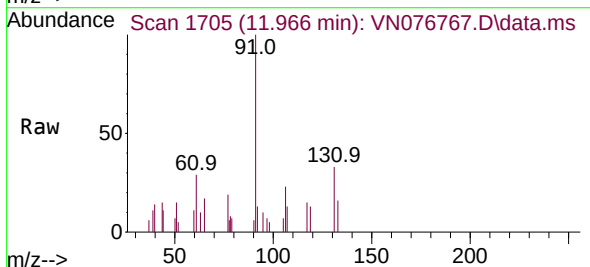
Tgt Ion:112 Resp: 386
Ion Ratio Lower Upper
112 100
114 28.2 26.4 39.6

Manual Integrations
APPROVED

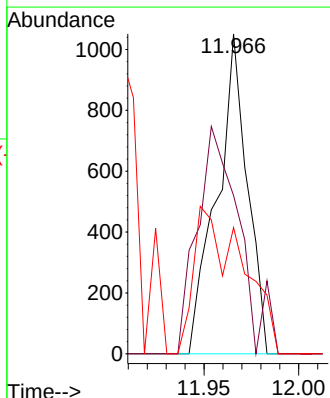
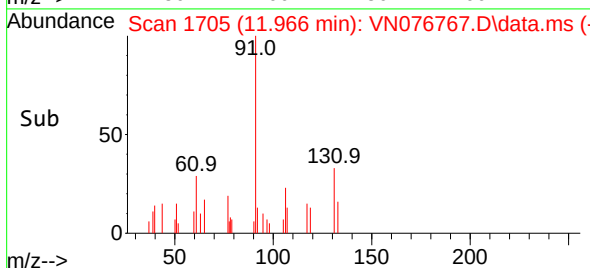
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

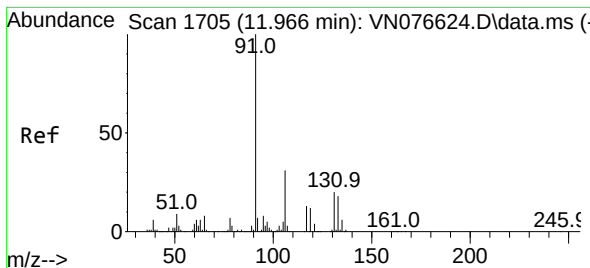


#66
1,1,1,2-Tetrachloroethane
Concen: 0.404 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



Tgt Ion:131 Resp: 1173
Ion Ratio Lower Upper
131 100
133 98.5 47.0 141.0
119 0.0 32.3 96.8#





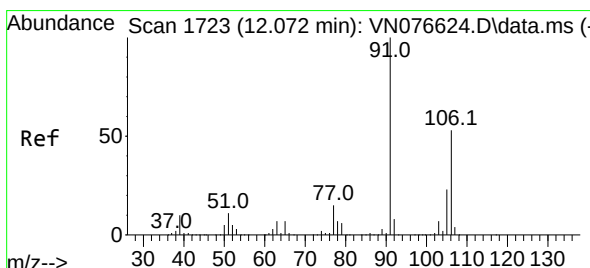
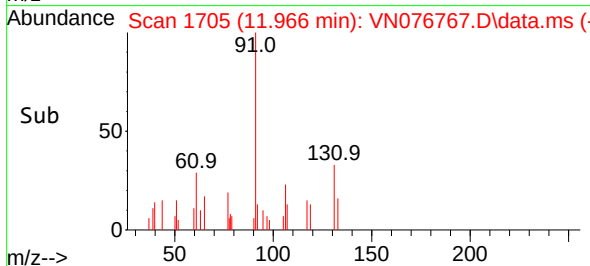
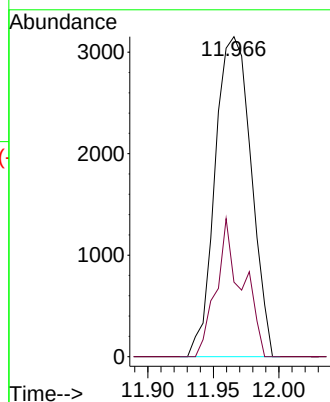
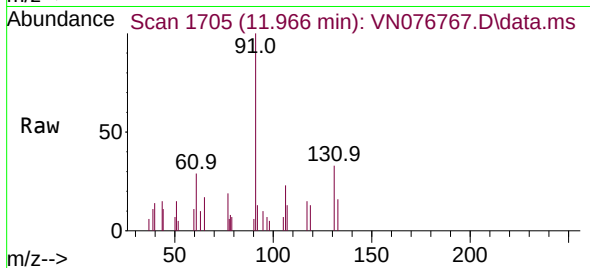
#67
Ethyl Benzene
Concen: 0.441 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 6010
Ion Ratio Lower Upper
91 100
106 23.3 25.1 37.7

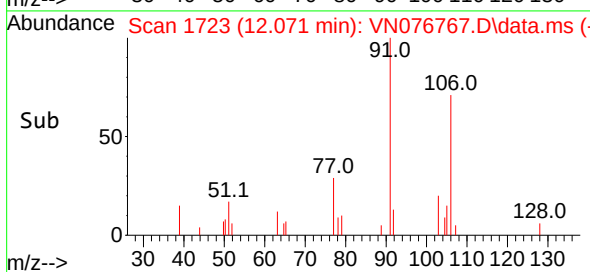
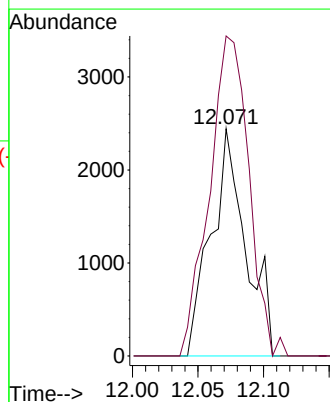
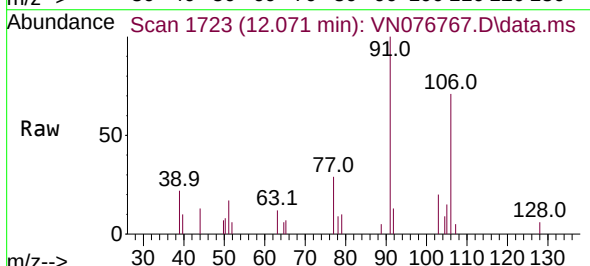
Manual Integrations
APPROVED

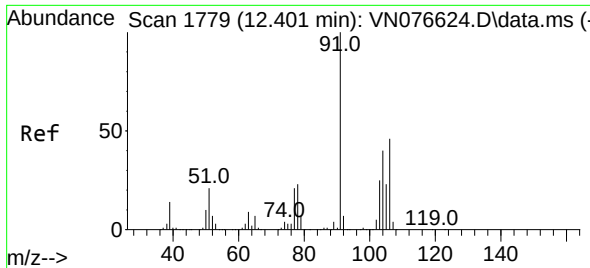
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#68
m/p-Xylenes
Concen: 0.854 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion:106 Resp: 4490
Ion Ratio Lower Upper
106 100
91 160.4 154.7 232.1





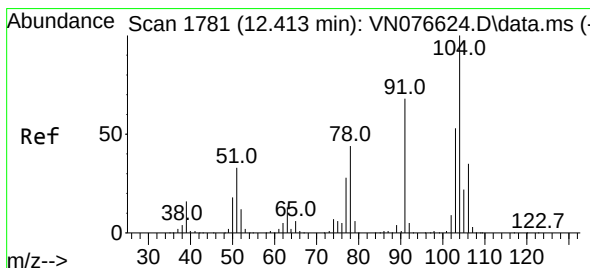
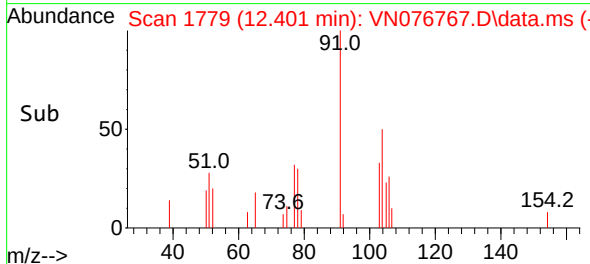
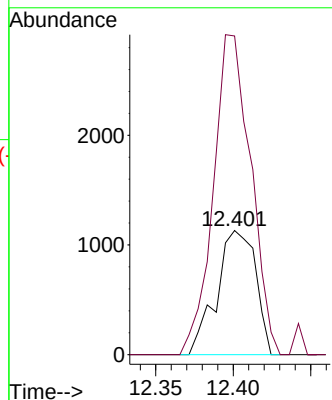
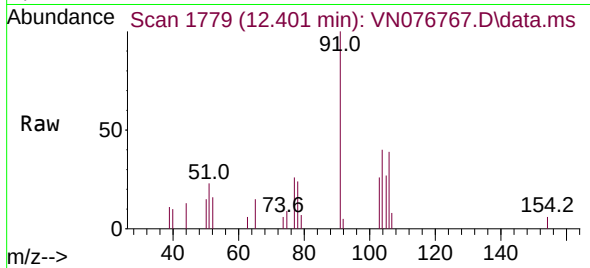
#69
o-Xylene
Concen: 0.386 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion:106 Resp: 1980
Ion Ratio Lower Upper
106 100
91 247.8 105.8 317.4

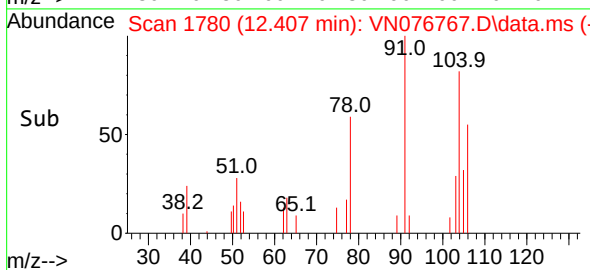
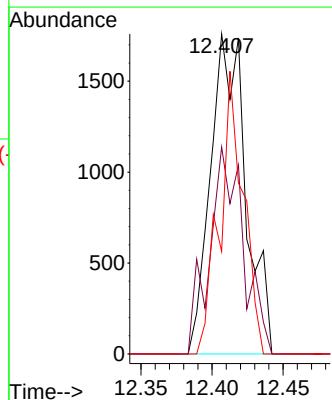
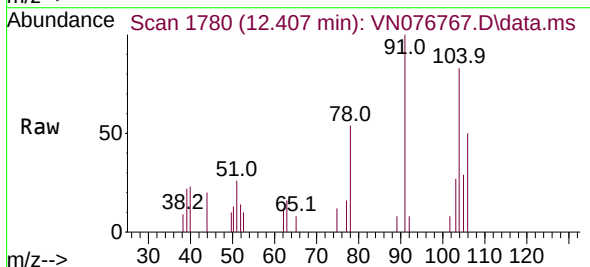
Manual Integrations
APPROVED

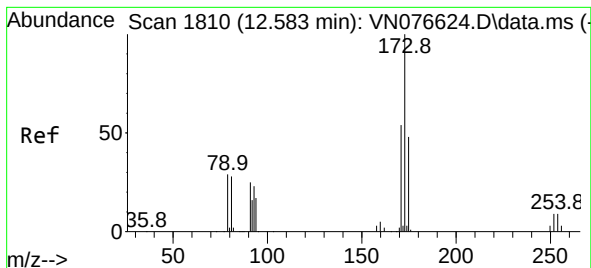
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
Styrene
Concen: 0.367 ug/l
RT: 12.407 min Scan# 1780
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

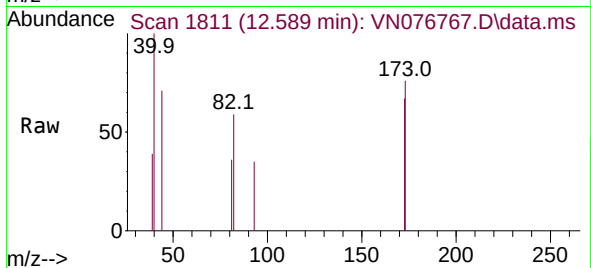
Tgt Ion:104 Resp: 3044
Ion Ratio Lower Upper
104 100
78 62.2 38.2 57.4#
103 59.3 44.2 66.4





#71
Bromoform
Concen: 0.394 ug/l
RT: 12.589 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

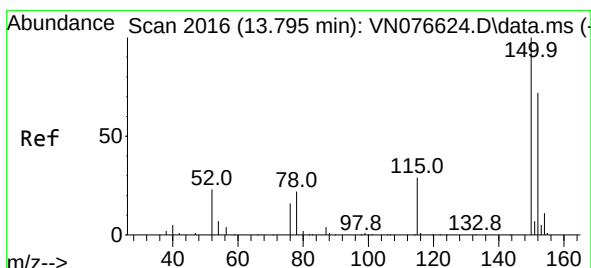
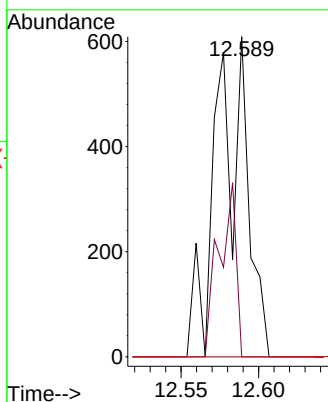
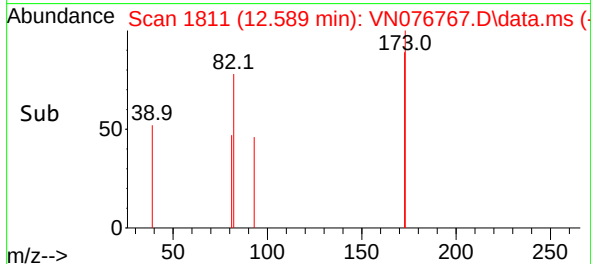
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion:173 Resp: 84
Ion Ratio Lower Upper
173 100
175 0.0 24.9 74.7
254 0.0 0.1 0.1

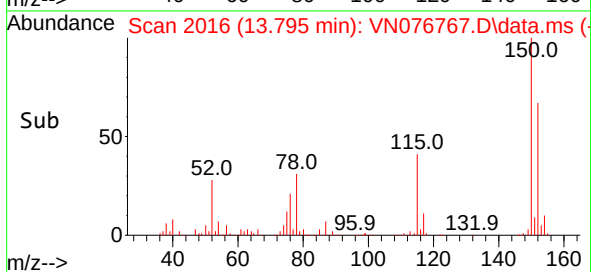
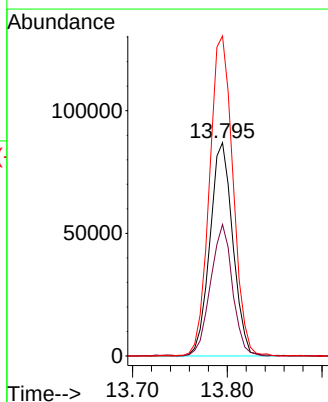
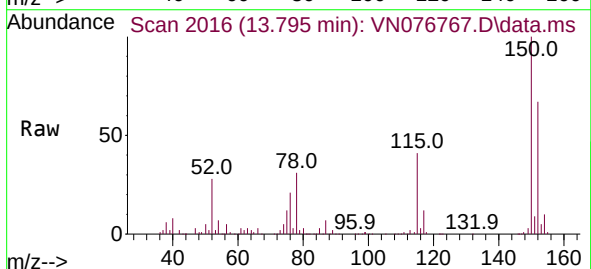
Manual Integrations
APPROVED

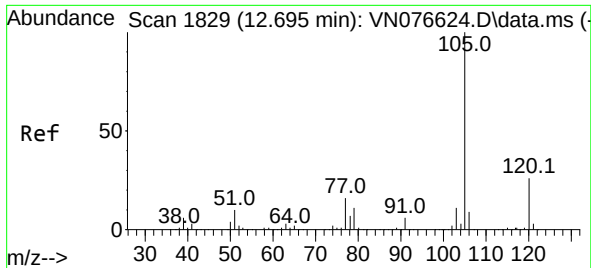
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion:152 Resp: 145436
Ion Ratio Lower Upper
152 100
115 59.2 29.3 87.9
150 154.4 0.0 349.8





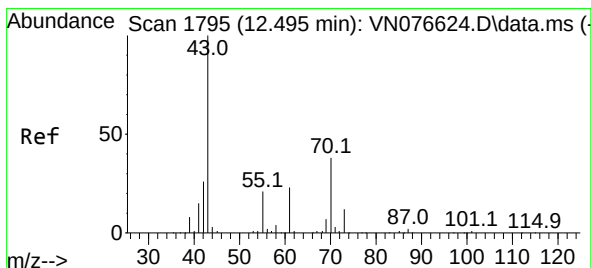
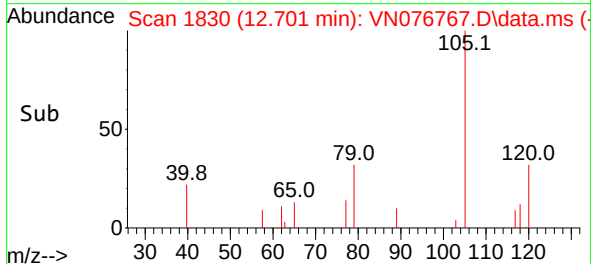
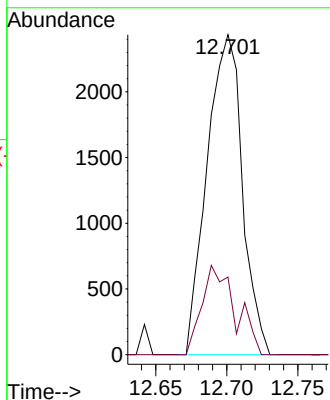
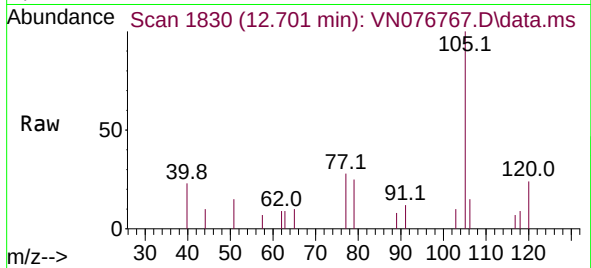
#73
Isopropylbenzene
Concen: 0.395 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion:105 Resp: 420
Ion Ratio Lower Upper
105 100
120 26.5 13.7 41.0

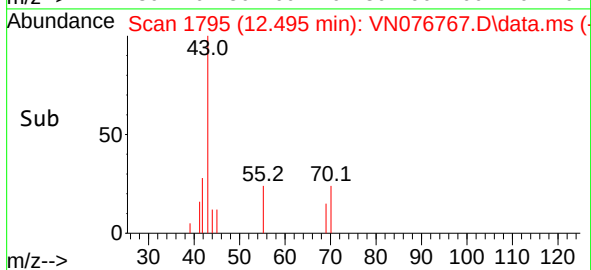
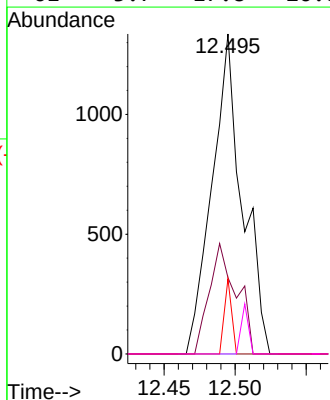
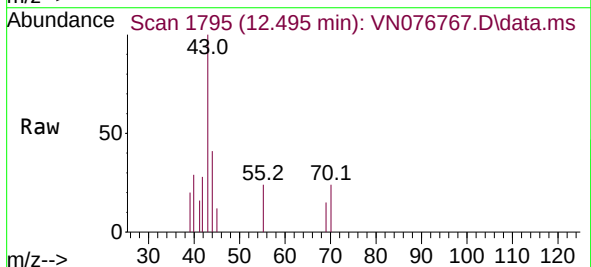
Manual Integrations
APPROVED

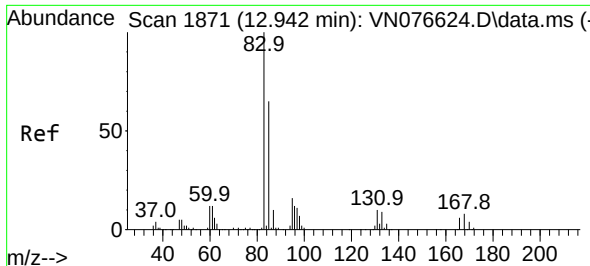
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
N-ethyl acetate
Concen: 0.413 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

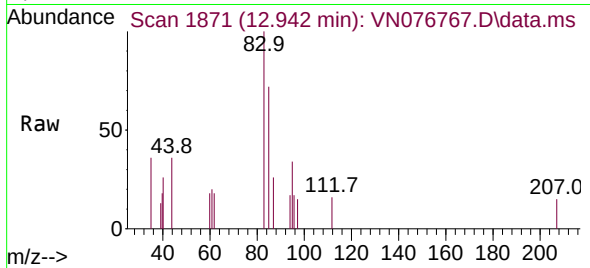
Tgt Ion: 43 Resp: 1986
Ion Ratio Lower Upper
43 100
70 31.0 30.5 45.7
55 5.6 17.8 26.8#
61 3.7 17.8 26.8#





#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.554 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN076767.D
 Acq: 22 Feb 2023 13:21

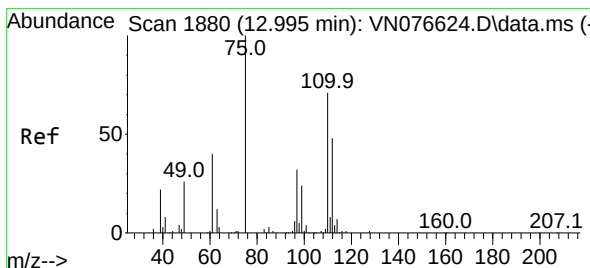
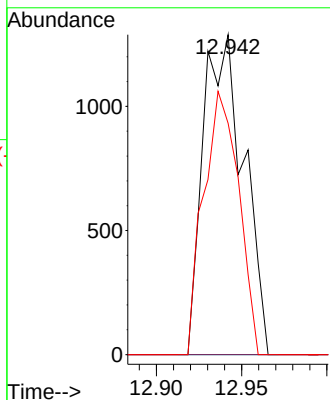
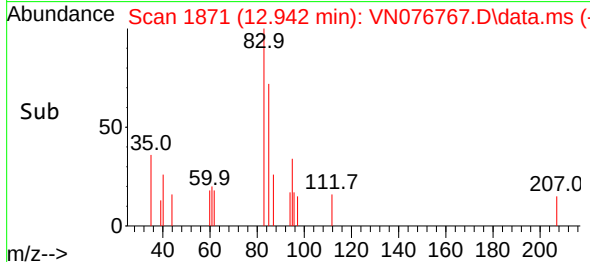
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL07



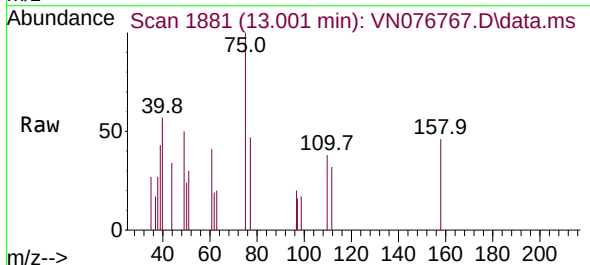
Tgt Ion: 83 Resp: 2138
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.0 15.0
 85 71.0 31.8 95.3

Manual Integrations
 APPROVED

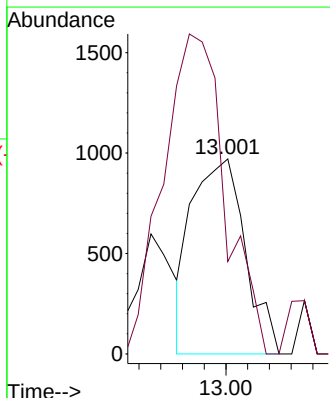
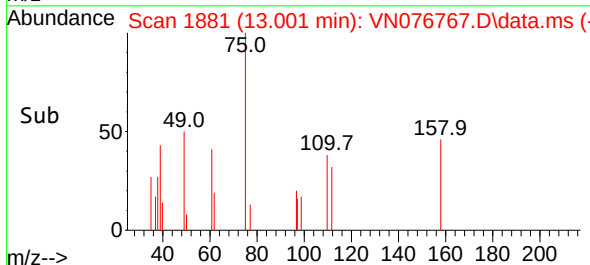
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

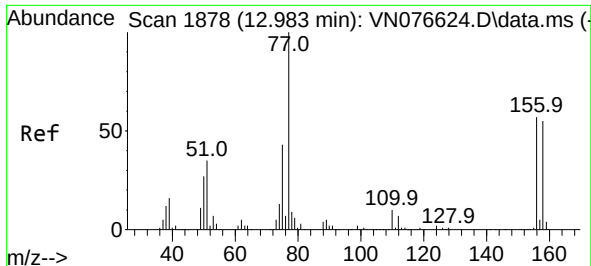


#76
 1,2,3-Trichloropropane
 Concen: 0.560 ug/l m
 RT: 13.001 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: VN076767.D
 Acq: 22 Feb 2023 13:21



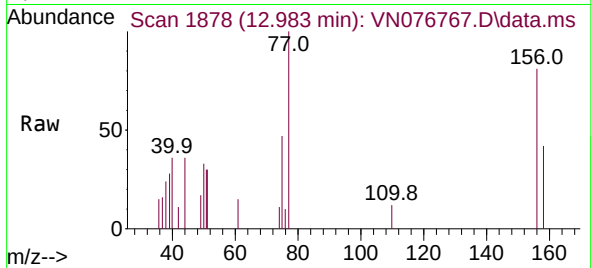
Tgt Ion: 75 Resp: 1647
 Ion Ratio Lower Upper
 75 100
 77 91.1 93.1 279.3#





#77
Bromobenzene
Concen: 0.605 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

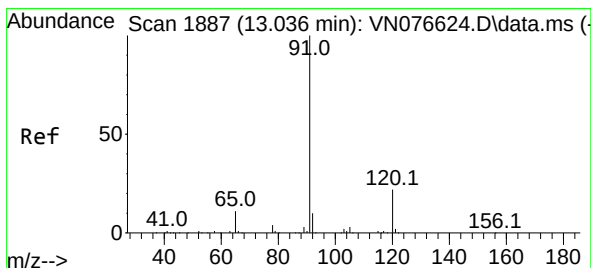
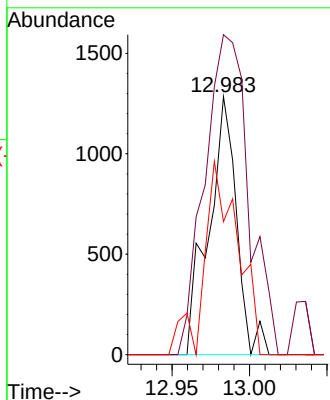
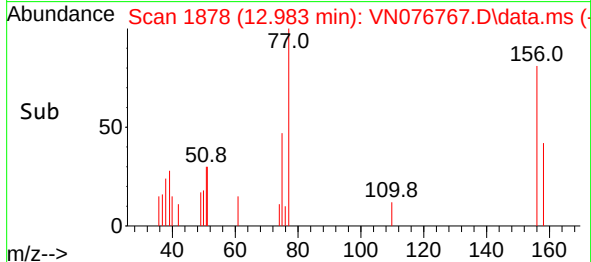
Instrument :
MSVOA_N
ClientSampleId :
MDL07



Tgt Ion:156 Resp: 1610
Ion Ratio Lower Upper
156 100
77 196.0 102.8 308.4
158 90.6 48.9 146.6

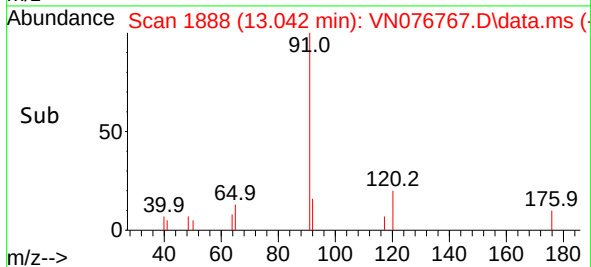
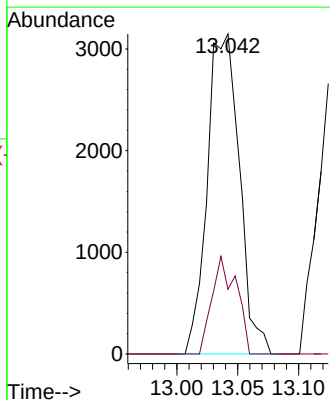
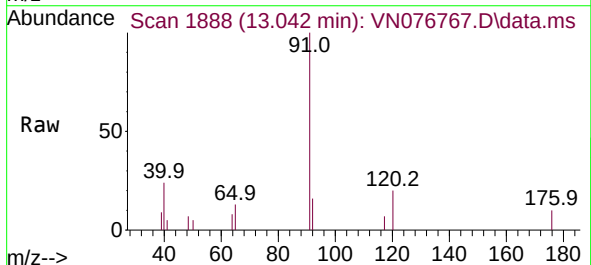
Manual Integrations
APPROVED

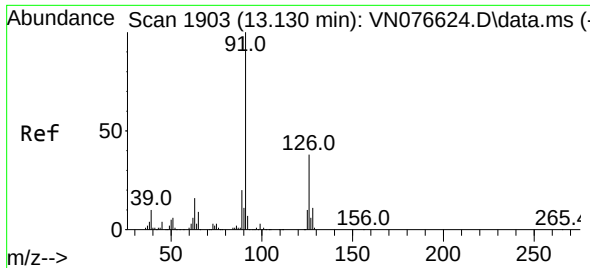
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#78
n-propylbenzene
Concen: 0.462 ug/l
RT: 13.042 min Scan# 1888
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Tgt Ion: 91 Resp: 5781
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





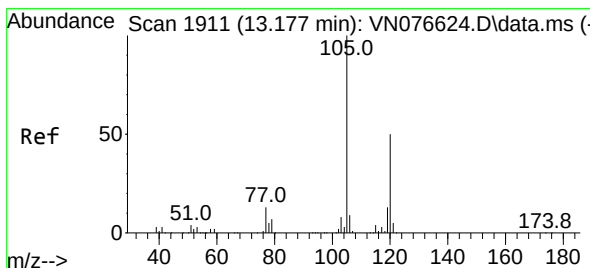
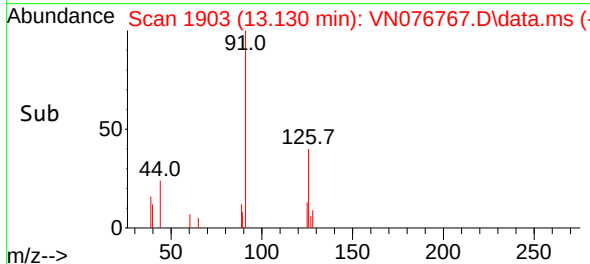
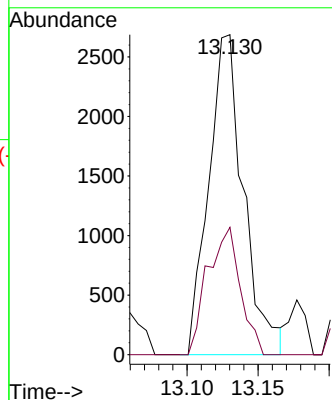
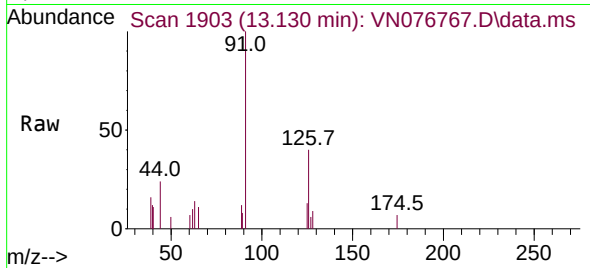
#79
2-Chlorotoluene
Concen: 0.598 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 4580
Ion Ratio Lower Upper
91 100
126 37.3 17.7 53.1

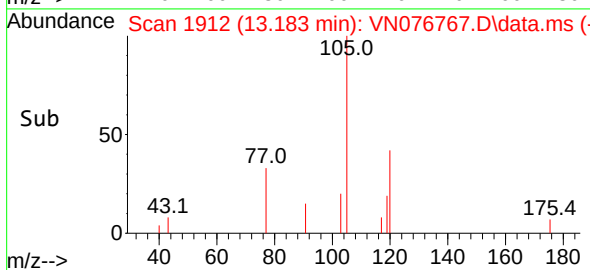
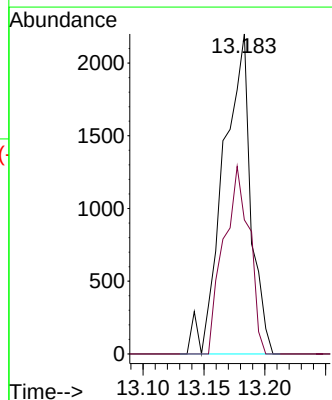
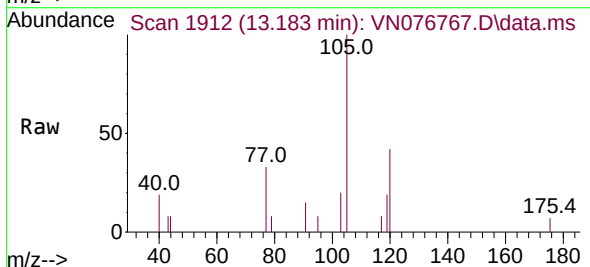
Manual Integrations
APPROVED

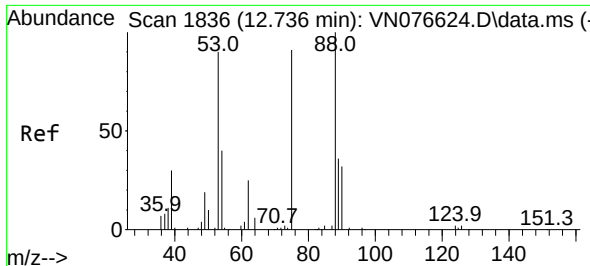
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.395 ug/l
RT: 13.183 min Scan# 1912
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

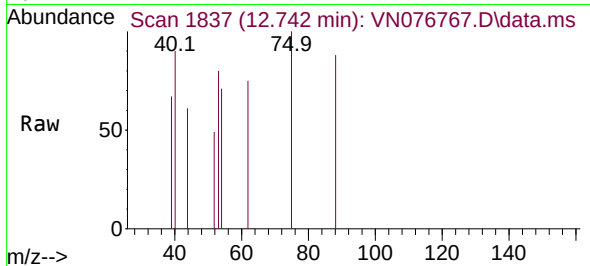
Tgt Ion:105 Resp: 3479
Ion Ratio Lower Upper
105 100
120 54.4 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.427 ug/l m
RT: 12.742 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

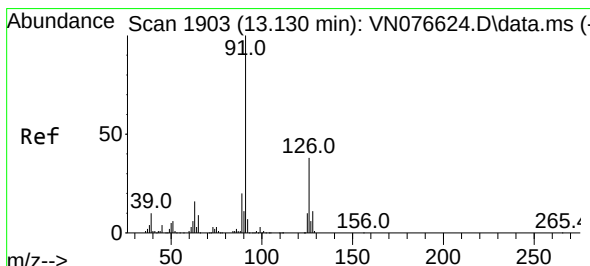
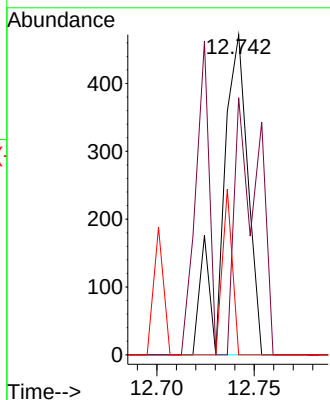
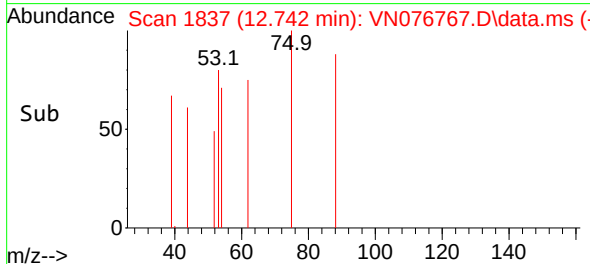
Instrument :
MSVOA_N
ClientSampleId :
MDL07



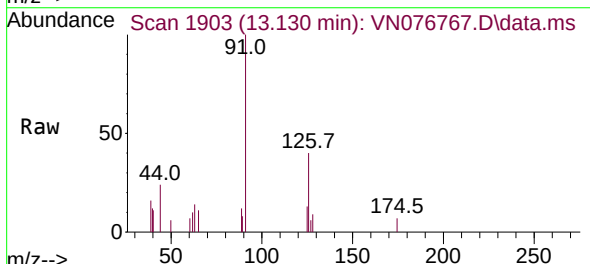
Tgt Ion: 75 Resp: 438
Ion Ratio Lower Upper
75 100
53 19.0 92.1 138.1
89 13.7 37.5 56.3

Manual Integrations
APPROVED

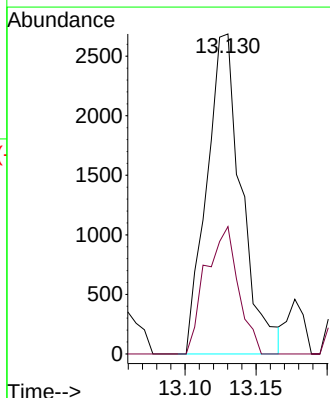
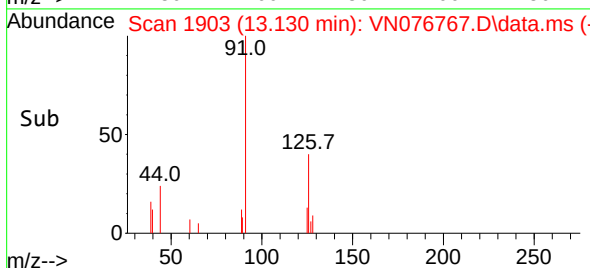
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

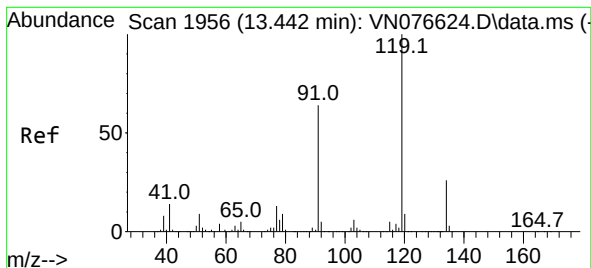


#82
4-Chlorotoluene
Concen: 0.598 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



Tgt Ion: 91 Resp: 4586
Ion Ratio Lower Upper
91 100
126 37.3 17.7 53.1





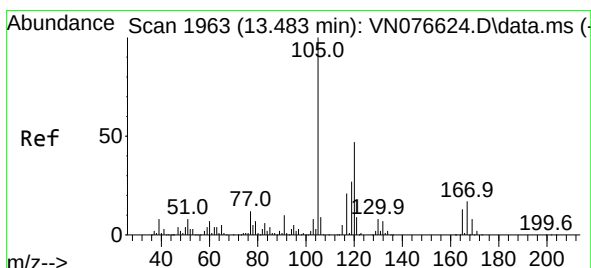
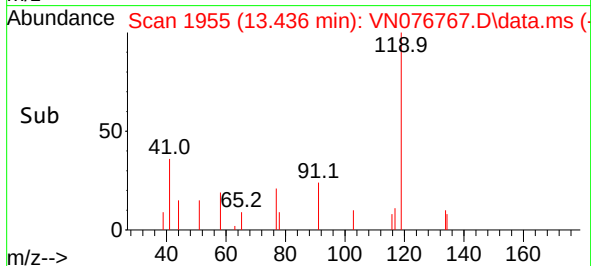
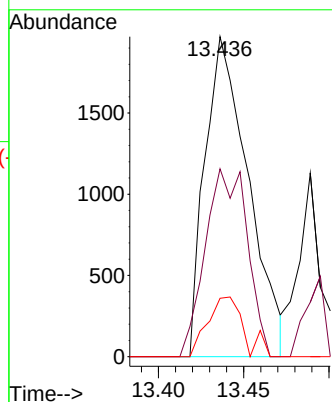
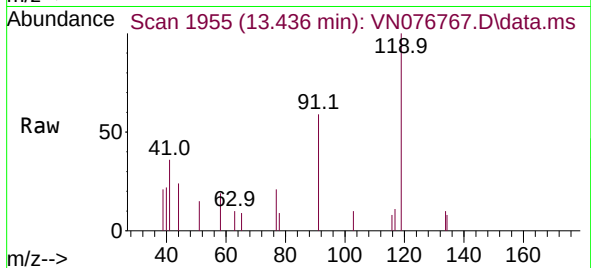
#83
tert-Butylbenzene
Concen: 0.437 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion:119 Resp: 348
Ion Ratio Lower Upper
119 100
91 56.8 32.0 96.2
134 15.5 13.8 41.4

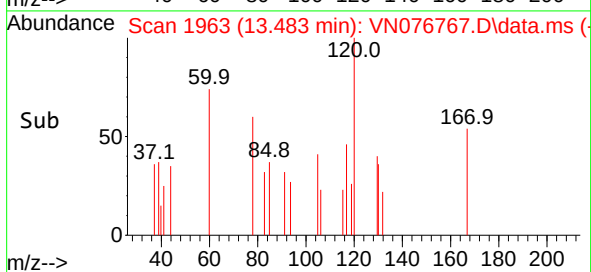
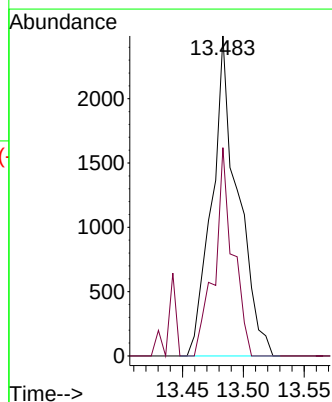
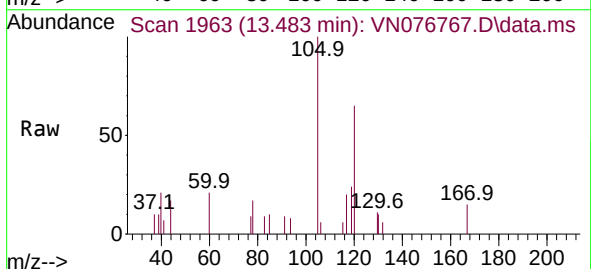
Manual Integrations
APPROVED

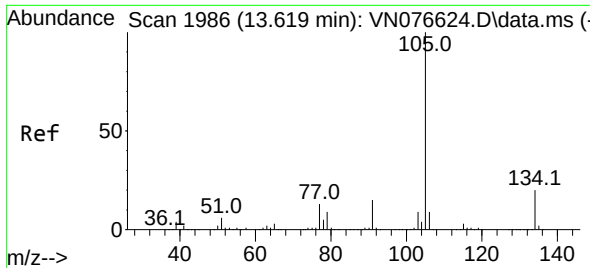
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.419 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

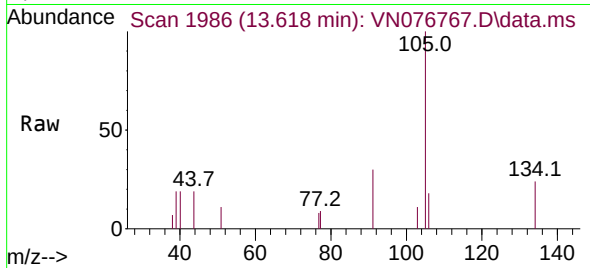
Tgt Ion:105 Resp: 3675
Ion Ratio Lower Upper
105 100
120 46.4 23.0 69.0





#85
 sec-Butylbenzene
 Concen: 0.379 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076767.D
 Acq: 22 Feb 2023 13:21

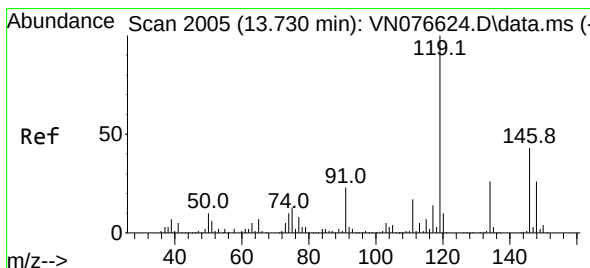
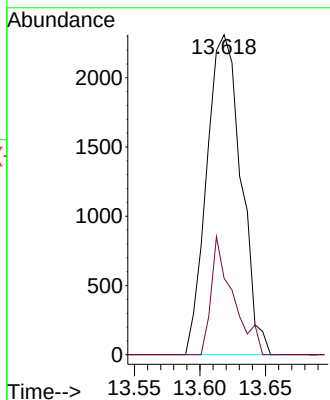
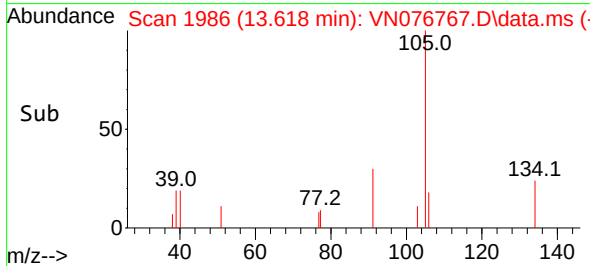
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL07



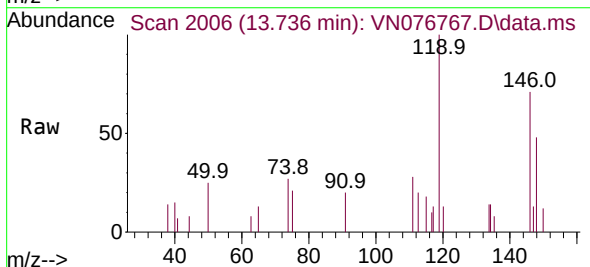
Tgt Ion:105 Resp: 4210
 Ion Ratio Lower Upper
 105 100
 134 23.3 10.5 31.5

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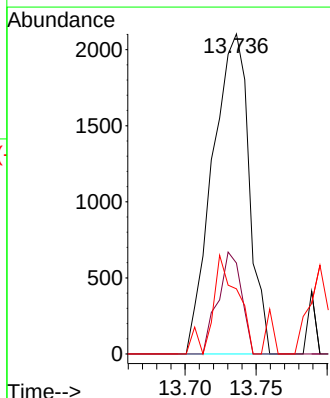
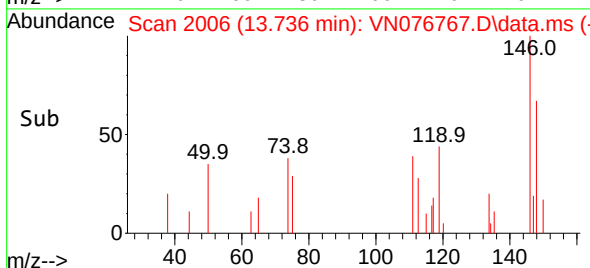
Reviewed By :John Carlone 02/23/2023
 Supervised By :Mahesh Dadoda 02/23/2023

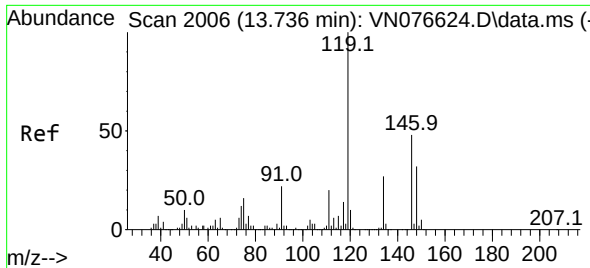


#86
 p-Isopropyltoluene
 Concen: 0.424 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076767.D
 Acq: 22 Feb 2023 13:21



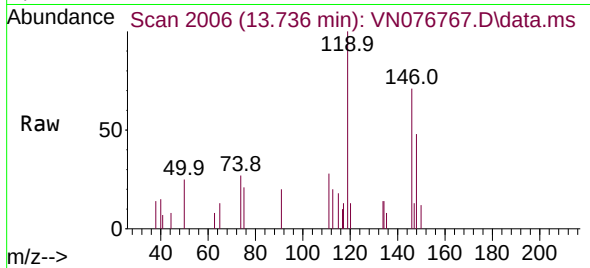
Tgt Ion:119 Resp: 3766
 Ion Ratio Lower Upper
 119 100
 134 20.4 13.4 40.1
 91 20.9 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 0.411 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

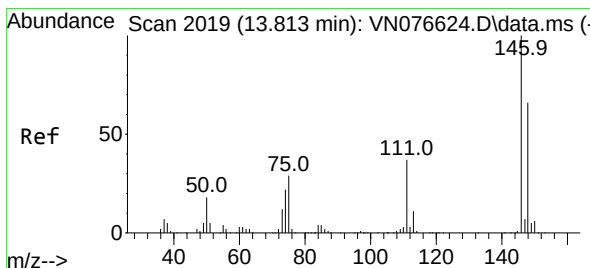
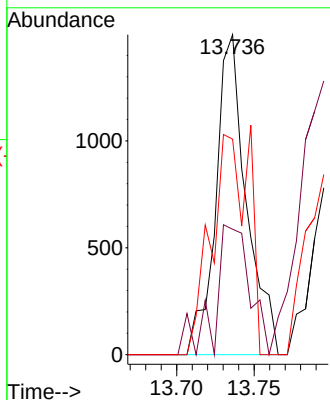
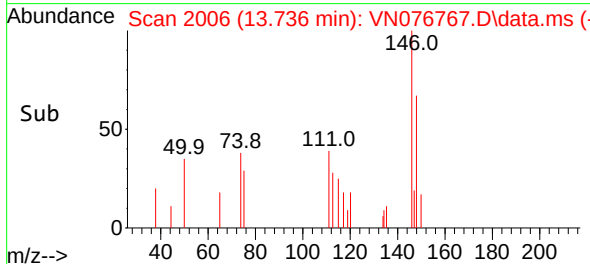
Instrument :
MSVOA_N
ClientSampleId :
MDL07



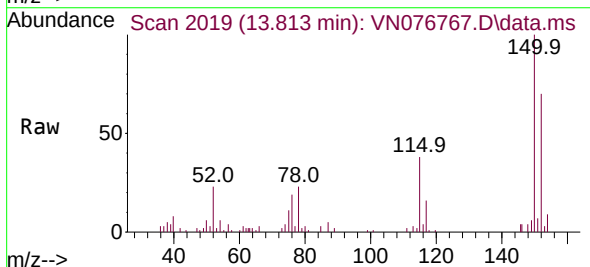
Tgt Ion:146 Resp: 2060
Ion Ratio Lower Upper
146 100
111 42.5 19.8 59.4
148 84.2 32.0 96.2

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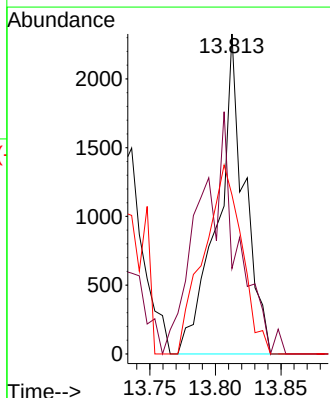
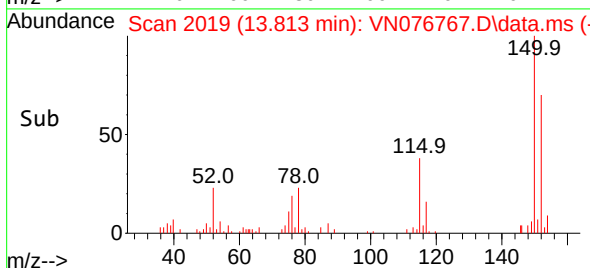
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

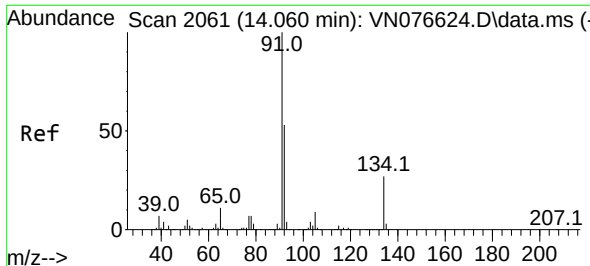


#88
1,4-Dichlorobenzene
Concen: 0.659 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



Tgt Ion:146 Resp: 3301
Ion Ratio Lower Upper
146 100
111 56.2 19.4 58.1
148 83.5 32.7 98.1





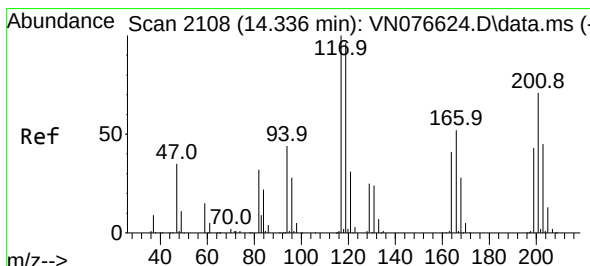
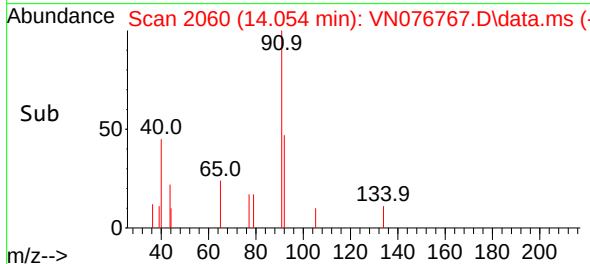
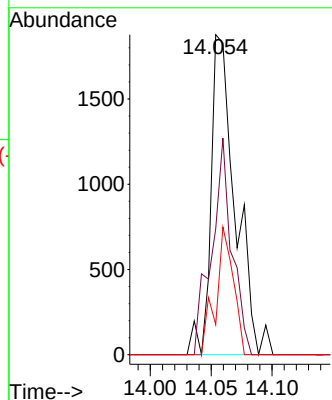
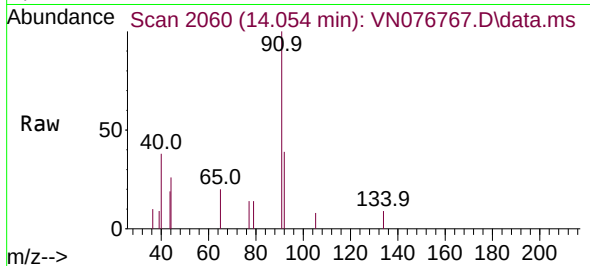
#89
n-Butylbenzene
Concen: 0.339 ug/l
RT: 14.054 min Scan# 2061
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

Instrument :
MSVOA_N
ClientSampleId :
MDL07

Tgt Ion: 91 Resp: 2619
Ion Ratio Lower Upper
91 100
92 56.7 26.4 79.0
134 28.8 13.2 39.5

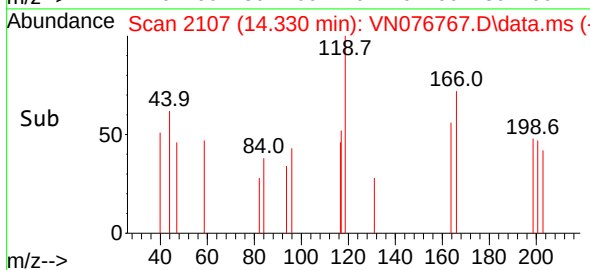
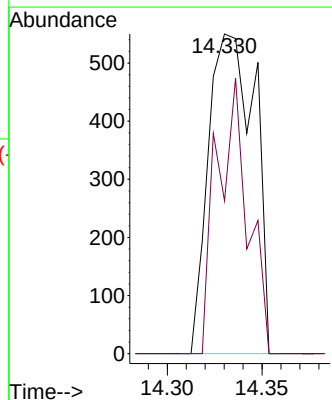
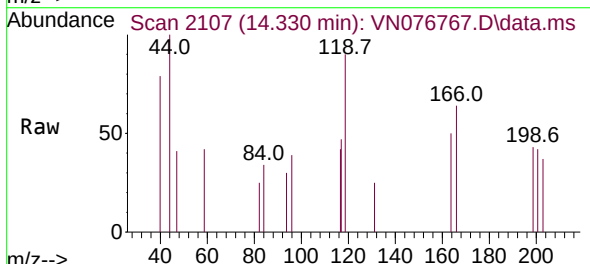
Manual Integrations
APPROVED

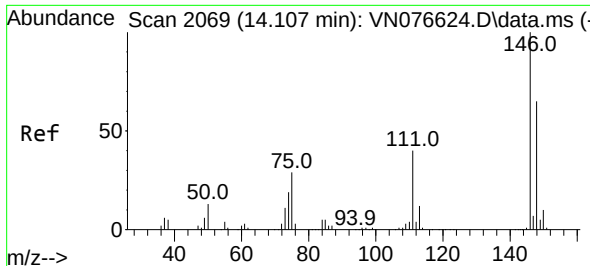
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023



#90
Hexachloroethane
Concen: 0.502 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

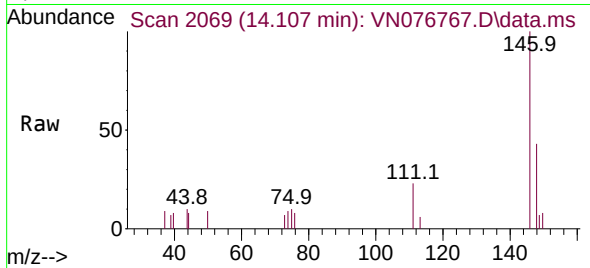
Tgt Ion:117 Resp: 933
Ion Ratio Lower Upper
117 100
201 57.7 35.5 106.7





#91
1,2-Dichlorobenzene
Concen: 0.618 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

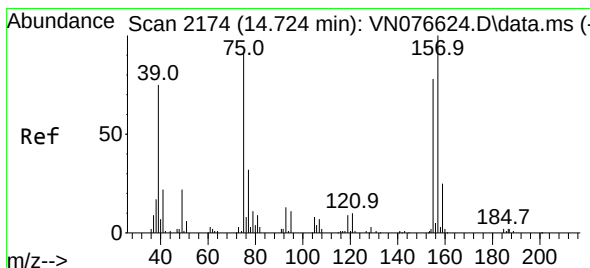
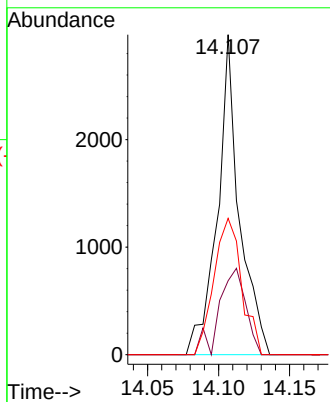
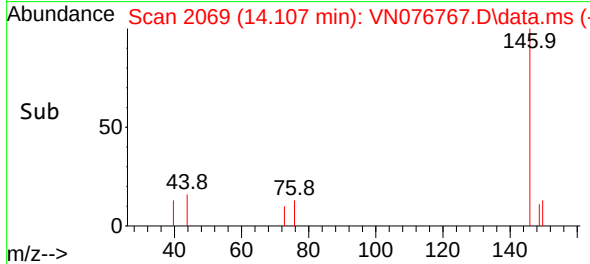
Instrument :
MSVOA_N
ClientSampleId :
MDL07



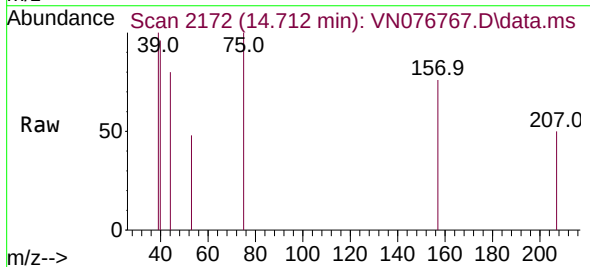
Tgt Ion:146 Resp: 318
Ion Ratio Lower Upper
146 100
111 32.6 20.0 59.9
148 54.0 32.4 97.2

Manual Integrations
APPROVED

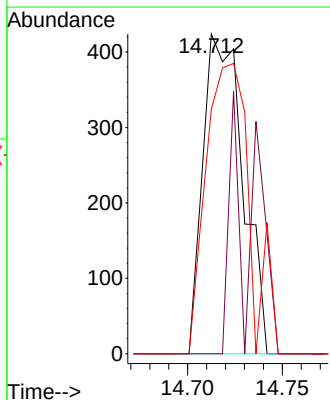
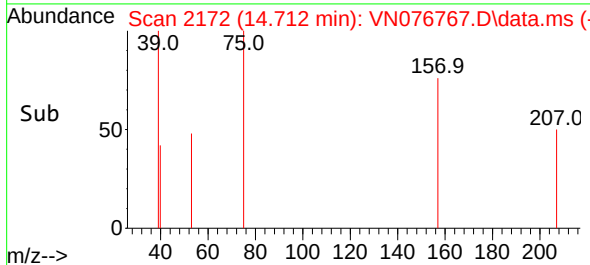
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

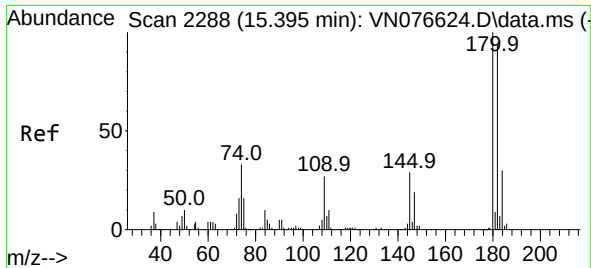


#92
1,2-Dibromo-3-Chloropropane
Concen: 0.831 ug/l
RT: 14.712 min Scan# 2172
Delta R.T. -0.012 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



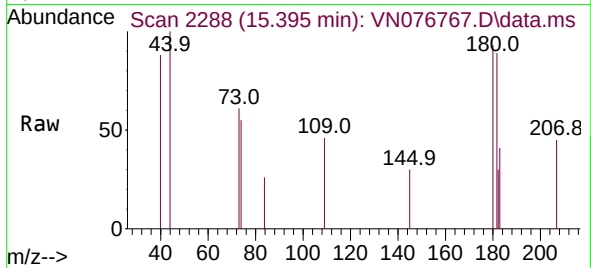
Tgt Ion: 75 Resp: 621
Ion Ratio Lower Upper
75 100
155 19.8 43.4 130.2#
157 99.4 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 0.401 ug/l
RT: 15.395 min Scan# 2103
Delta R.T. -0.000 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

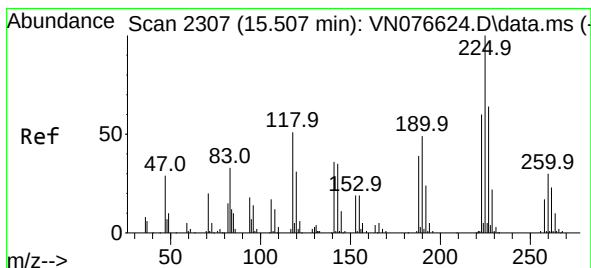
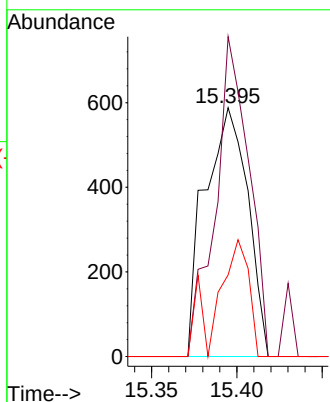
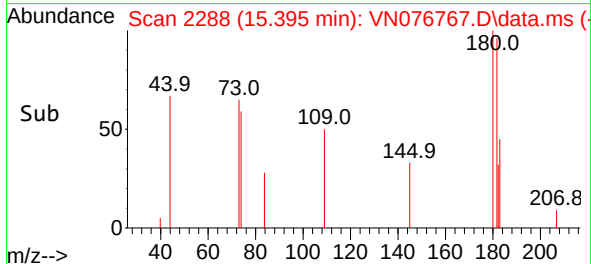
Instrument :
MSVOA_N
ClientSampleId :
MDL07



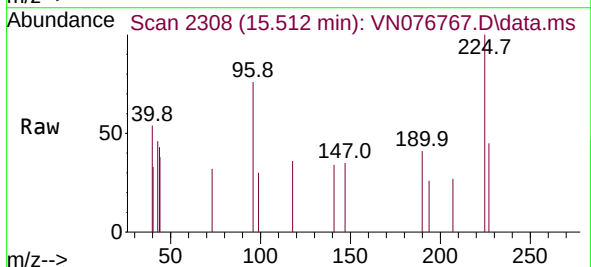
Tgt Ion:180 Resp: 103
Ion Ratio Lower Upper
180 100
182 100.7 48.0 144.0
145 28.3 15.2 45.6

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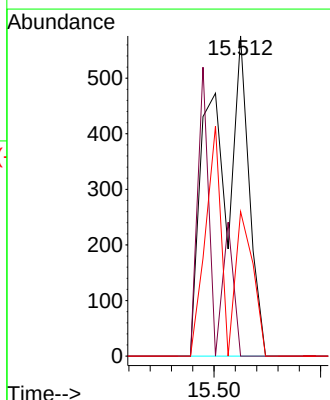
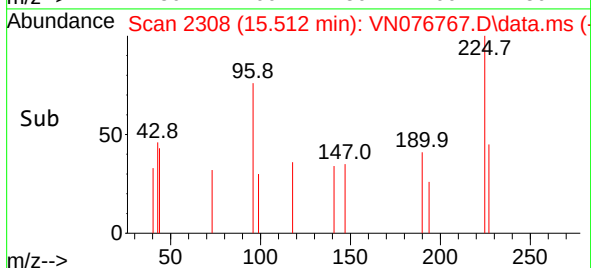
Reviewed By :John Carlone 02/23/2023
Supervised By :Mahesh Dadoda 02/23/2023

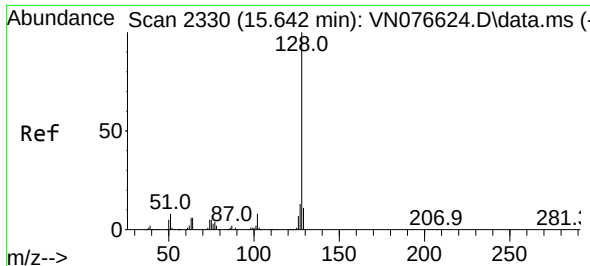


#94
Hexachlorobutadiene
Concen: 0.522 ug/l
RT: 15.512 min Scan# 2308
Delta R.T. 0.005 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



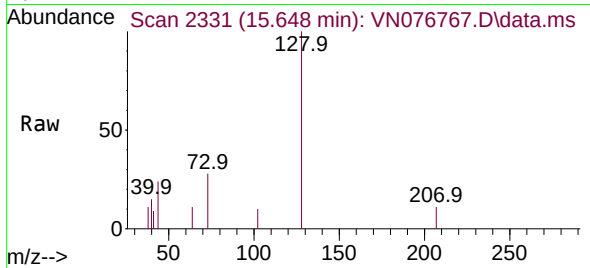
Tgt Ion:225 Resp: 658
Ion Ratio Lower Upper
225 100
223 40.9 31.6 95.0
227 54.6 31.3 93.9





#95
Naphthalene
Concen: 0.478 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21

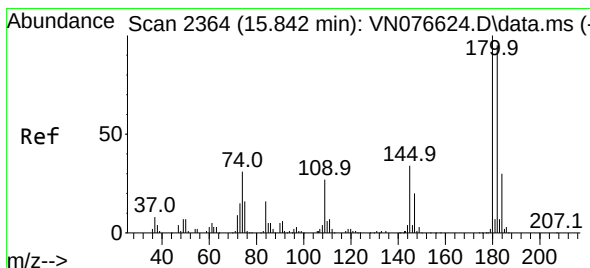
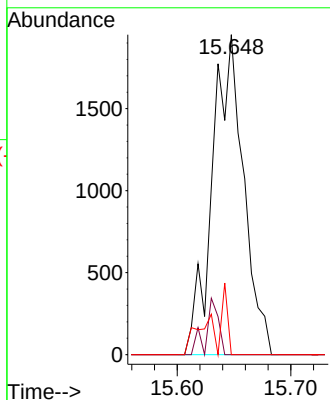
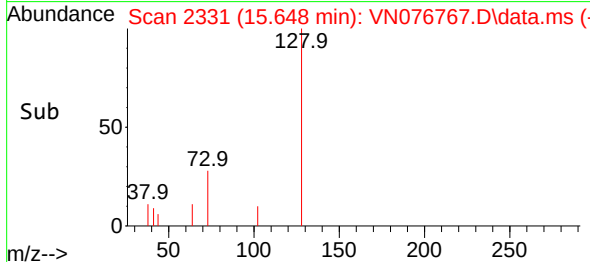
Instrument :
MSVOA_N
ClientSampleId :
MDL07



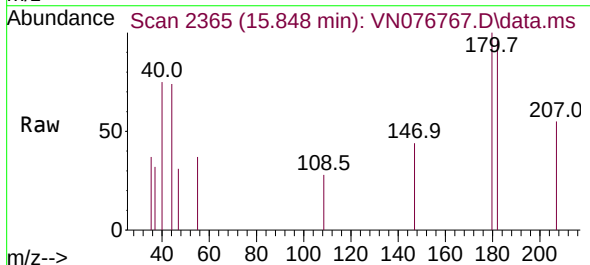
Tgt Ion:128 Resp: 3729
Ion Ratio Lower Upper
128 100
127 7.0 10.6 16.0#
129 2.3 8.6 13.0#

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 0.389 ug/l
RT: 15.848 min Scan# 2365
Delta R.T. 0.006 min
Lab File: VN076767.D
Acq: 22 Feb 2023 13:21



Tgt Ion:180 Resp: 969
Ion Ratio Lower Upper
180 100
182 0.0 46.7 140.1#
145 6.0 16.0 47.9#

