

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076749.D
 Acq On : 21 Feb 2023 13:48
 Operator : JC\MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 04:11:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	274016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	495383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	436648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	173114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202867	53.615	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.240%			
35) Dibromofluoromethane	8.172	113	153256	47.240	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.480%			
50) Toluene-d8	10.571	98	574644	47.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.860%			
62) 4-Bromofluorobenzene	12.854	95	167539	41.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 83.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	1464	0.503	ug/l	80
3) Chloromethane	2.372	50	2438	0.642	ug/l	95
4) Vinyl Chloride	2.531	62	2307	0.617	ug/l	93
5) Bromomethane	2.972	94	2604	1.150	ug/l	87
6) Chloroethane	3.137	64	2190	0.928	ug/l #	70
7) Trichlorofluoromethane	3.507	101	2845	0.560	ug/l	85
8) Diethyl Ether	3.984	74	881	0.450	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	1831m	0.613	ug/l	
10) Methyl Iodide	4.631	142	1773	0.481	ug/l #	41
11) Tert butyl alcohol	5.519	59	1633m	3.270	ug/l	
12) 1,1-Dichloroethene	4.372	96	1579m	0.558	ug/l	
13) Acrolein	4.201	56	2534	3.379	ug/l #	37
14) Allyl chloride	5.048	41	2790	0.569	ug/l #	89
15) Acrylonitrile	5.754	53	4776	2.695	ug/l #	31
16) Acetone	4.460	43	6689	3.958	ug/l #	79
17) Carbon Disulfide	4.742	76	4289m	0.574	ug/l	
18) Methyl Acetate	5.048	43	2950	0.535	ug/l #	70
19) Methyl tert-butyl Ether	5.807	73	4299	0.451	ug/l #	81
20) Methylene Chloride	5.278	84	3144m	0.888	ug/l	
21) trans-1,2-Dichloroethene	5.813	96	1712m	0.538	ug/l	
22) Diisopropyl ether	6.683	45	5818	0.506	ug/l #	90
23) Vinyl Acetate	6.619	43	16523	2.430	ug/l #	81
24) 1,1-Dichloroethane	6.589	63	3795	0.602	ug/l #	55
25) 2-Butanone	7.507	43	8370	3.357	ug/l #	75
26) 2,2-Dichloropropane	7.489	77	3701	0.815	ug/l #	73
27) cis-1,2-Dichloroethene	7.495	96	2294m	0.607	ug/l	
28) Bromochloromethane	7.830	49	664m	0.221	ug/l	
29) Tetrahydrofuran	7.842	42	4541m	2.788	ug/l	
30) Chloroform	7.978	83	4241	0.674	ug/l	91
31) Cyclohexane	8.225	56	10832	1.825	ug/l #	59
32) 1,1,1-Trichloroethane	8.172	97	2938m	0.555	ug/l	
36) 1,1-Dichloropropene	8.377	75	2863	0.611	ug/l	96
37) Ethyl Acetate	7.578	43	2258	0.458	ug/l #	85
38) Carbon Tetrachloride	8.377	117	3342	0.707	ug/l #	95
39) Methylcyclohexane	9.601	83	2826	0.530	ug/l #	87
40) Benzene	8.607	78	7511	0.522	ug/l #	70

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
 Data File : VN076749.D
 Acq On : 21 Feb 2023 13:48
 Operator : JC\MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2023
 Supervised By : Mahesh Dadoda 02/22/2023

Quant Time: Feb 22 04:11:20 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)
41) Methacrylonitrile	7.801	41	1526	0.534	ug/l #	55
42) 1,2-Dichloroethane	8.677	62	3643	0.726	ug/l	86
43) Isopropyl Acetate	8.695	43	4356	0.543	ug/l #	91
44) Trichloroethene	9.348	130	2128	0.626	ug/l	86
45) 1,2-Dichloropropane	9.619	63	2781	0.730	ug/l #	68
46) Dibromomethane	9.713	93	1499	0.615	ug/l #	72
47) Bromodichloromethane	9.895	83	2867	0.587	ug/l #	51
48) Methyl methacrylate	9.683	41	2198	0.577	ug/l	91
49) 1,4-Dioxane	9.713	88	616	9.351	ug/l #	60
51) 4-Methyl-2-Pentanone	10.448	43	11522	2.257	ug/l	90
52) Toluene	10.636	92	5758	0.663	ug/l	89
53) t-1,3-Dichloropropene	10.842	75	2031	0.431	ug/l	96
54) cis-1,3-Dichloropropene	10.319	75	2429	0.447	ug/l	90
55) 1,1,2-Trichloroethane	11.024	97	1800	0.509	ug/l #	85
56) Ethyl methacrylate	10.877	69	2445	0.492	ug/l #	92
57) 1,3-Dichloropropane	11.160	76	3965	0.653	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.171	63	5656	2.483	ug/l	95
59) 2-Hexanone	11.201	43	8827	2.398	ug/l	99
60) Dibromochloromethane	11.360	129	2069	0.556	ug/l	99
61) 1,2-Dibromoethane	11.466	107	1521	0.430	ug/l	81
64) Tetrachloroethene	11.113	164	2015	0.732	ug/l #	48
65) Chlorobenzene	11.895	112	6513	0.704	ug/l #	62
66) 1,1,1,2-Tetrachloroethane	11.965	131	1836	0.546	ug/l #	58
67) Ethyl Benzene	11.960	91	8458	0.536	ug/l #	71
68) m/p-Xylenes	12.065	106	5588	0.920	ug/l	98
69) o-Xylene	12.401	106	2717	0.458	ug/l	98
70) Styrene	12.418	104	3817	0.398	ug/l #	74
71) Bromoform	12.583	173	1195	0.485	ug/l #	87
73) Isopropylbenzene	12.701	105	6762	0.533	ug/l	99
74) N-amyl acetate	12.507	43	2732	0.478	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.942	83	3295	0.717	ug/l	80
76) 1,2,3-Trichloropropane	12.995	75	2308m	0.659	ug/l	
77) Bromobenzene	12.989	156	2092	0.661	ug/l	79
78) n-propylbenzene	13.036	91	8756	0.588	ug/l #	73
79) 2-Chlorotoluene	13.124	91	6058	0.664	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	5387	0.514	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.736	75	564m	0.469	ug/l	
82) 4-Chlorotoluene	13.124	91	6058	0.664	ug/l	97
83) tert-Butylbenzene	13.436	119	5219	0.550	ug/l	82
84) 1,2,4-Trimethylbenzene	13.483	105	4458	0.427	ug/l #	65
85) sec-Butylbenzene	13.624	105	6120	0.462	ug/l	94
86) p-Isopropyltoluene	13.736	119	4339	0.410	ug/l	85
87) 1,3-Dichlorobenzene	13.730	146	3822	0.639	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	4235m	0.711	ug/l	
89) n-Butylbenzene	14.059	91	4936	0.537	ug/l	96
90) Hexachloroethane	14.342	117	1587	0.717	ug/l	63
91) 1,2-Dichlorobenzene	14.112	146	3028	0.494	ug/l	86
92) 1,2-Dibromo-3-Chloropr...	14.718	75	641	0.720	ug/l #	40
93) 1,2,4-Trichlorobenzene	15.401	180	1536	0.502	ug/l	92
94) Hexachlorobutadiene	15.506	225	1011	0.674	ug/l #	65
95) Naphthalene	15.648	128	2958	0.319	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.836	180	1365	0.460	ug/l #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
Data File : VN076749.D
Acq On : 21 Feb 2023 13:48
Operator : JC\MD
Sample : MDL04
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

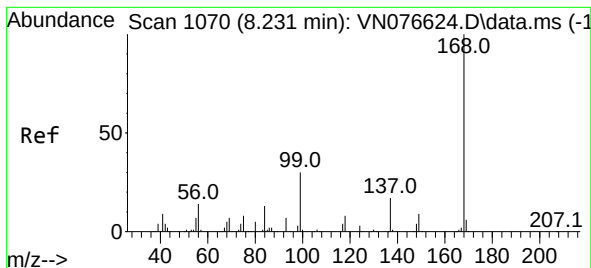
Quant Time: Feb 22 04:11:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

[illegible]



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 10

Delta R.T. -0.001 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

Tgt Ion:168 Resp: 274010

Ion Ratio Lower Upper

168 100

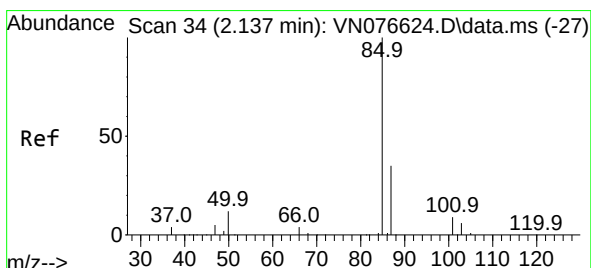
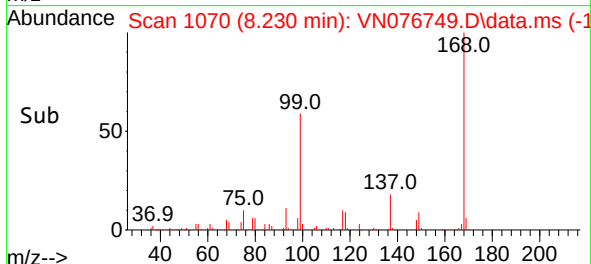
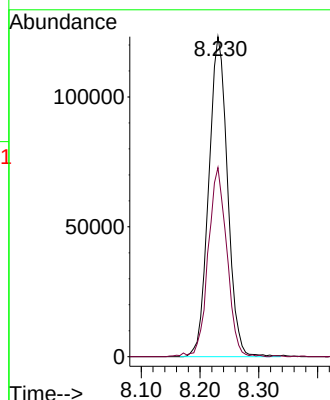
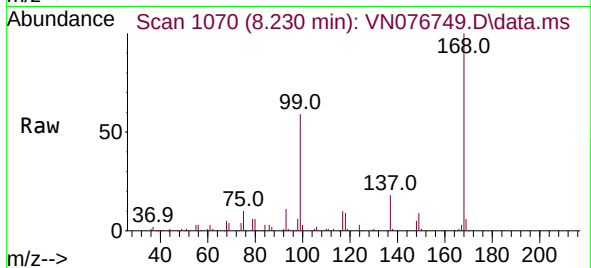
99 58.8 44.8 67.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#2

Dichlorodifluoromethane

Concen: 0.503 ug/l

RT: 2.131 min Scan# 33

Delta R.T. -0.006 min

Lab File: VN076749.D

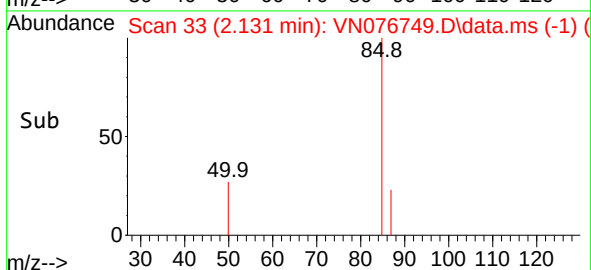
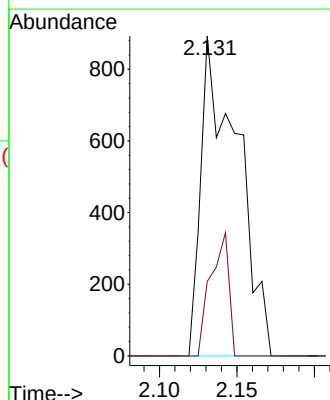
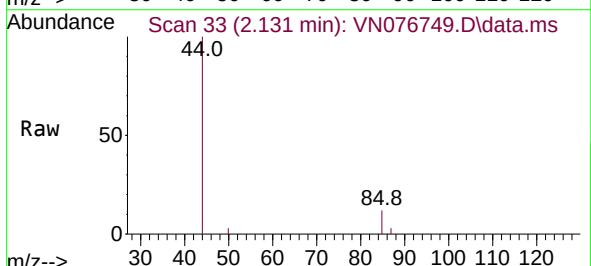
Acq: 21 Feb 2023 13:48

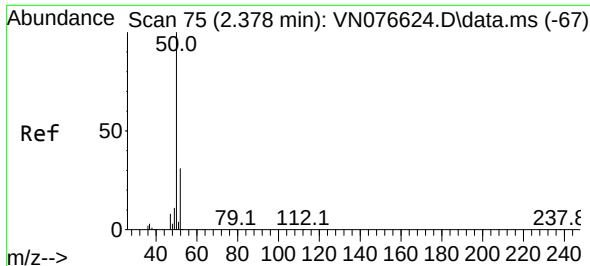
Tgt Ion: 85 Resp: 1464

Ion Ratio Lower Upper

85 100

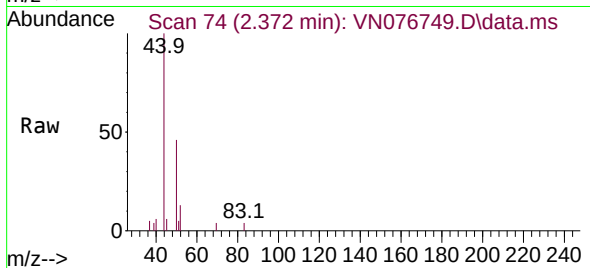
87 23.3 17.4 52.2





#3
Chloromethane
Concen: 0.642 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

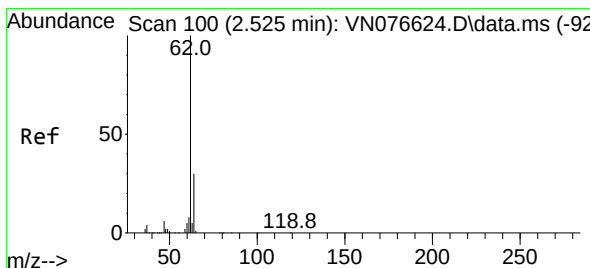
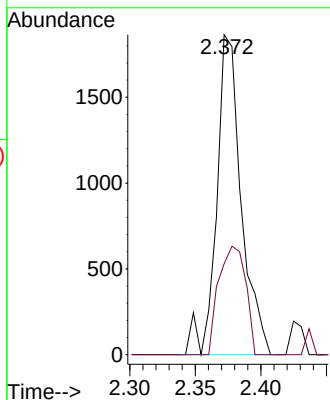
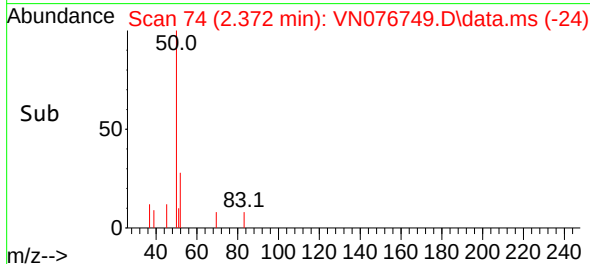
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 50 Resp: 2438
Ion Ratio Lower Upper
50 100
52 28.4 24.7 37.1

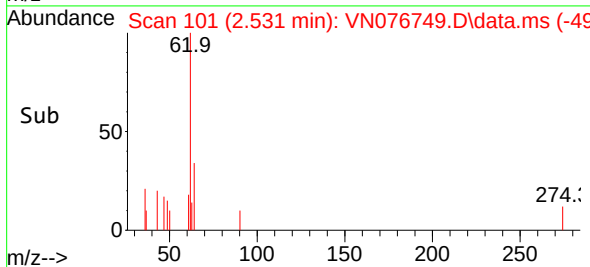
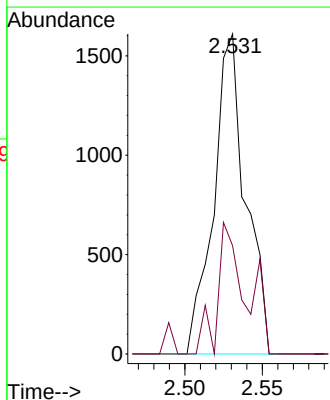
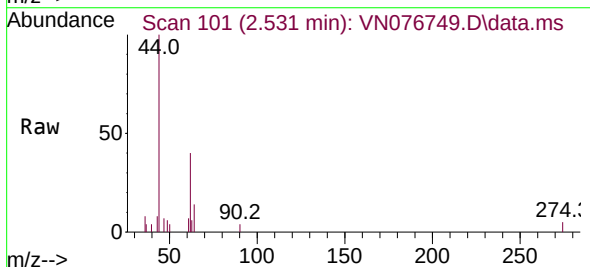
Manual Integrations
APPROVED

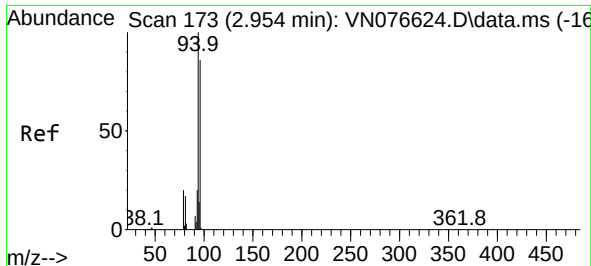
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#4
Vinyl Chloride
Concen: 0.617 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 62 Resp: 2307
Ion Ratio Lower Upper
62 100
64 33.8 23.9 35.9





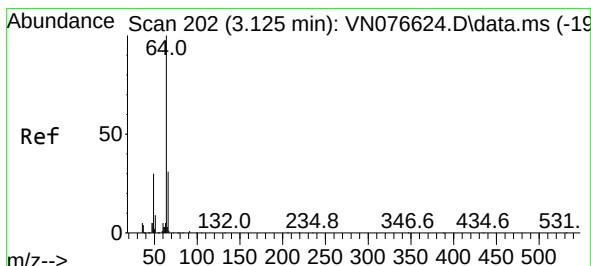
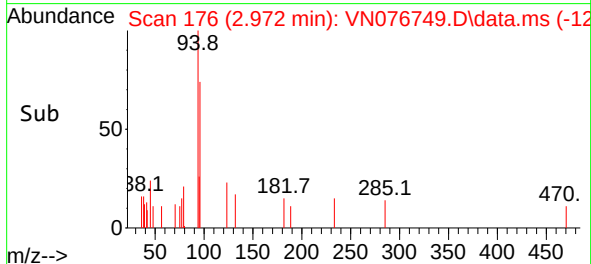
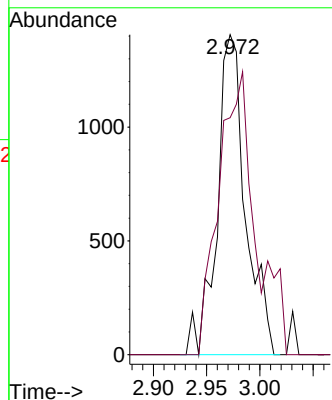
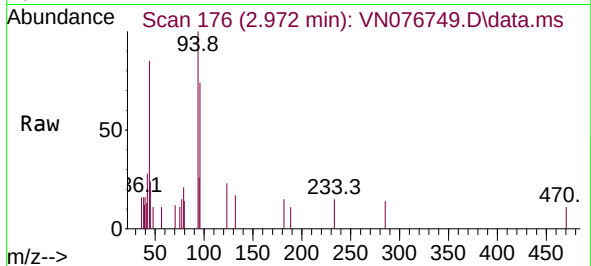
#5
Bromomethane
Concen: 1.150 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 94 Resp: 2604
Ion Ratio Lower Upper
94 100
96 74.0 69.0 103.4

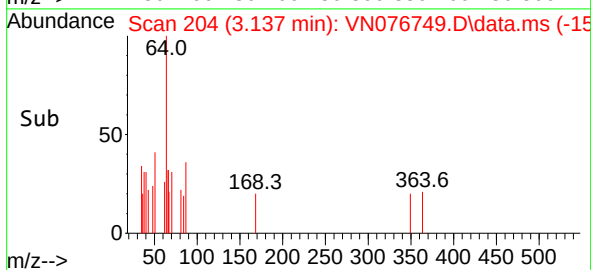
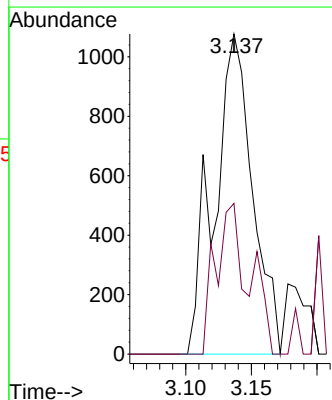
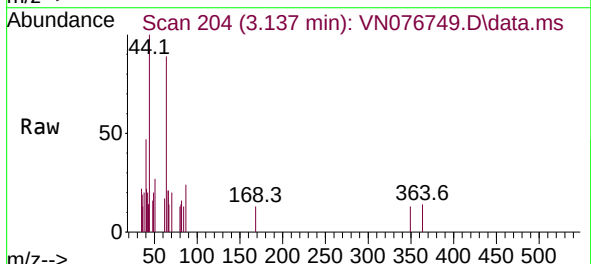
Manual Integrations
APPROVED

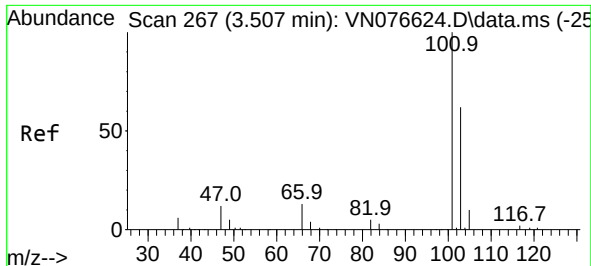
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#6
Chloroethane
Concen: 0.928 ug/l
RT: 3.137 min Scan# 204
Delta R.T. 0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

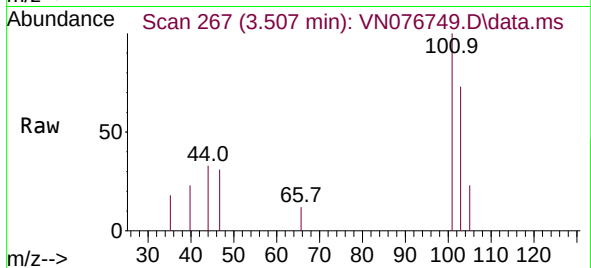
Tgt Ion: 64 Resp: 2190
Ion Ratio Lower Upper
64 100
66 47.1 24.6 37.0#





#7
 Trichlorofluoromethane
 Concen: 0.560 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

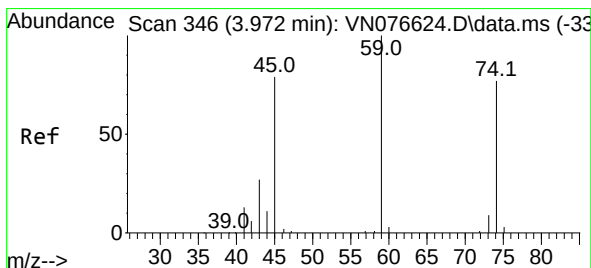
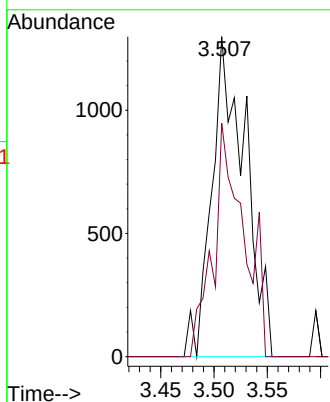
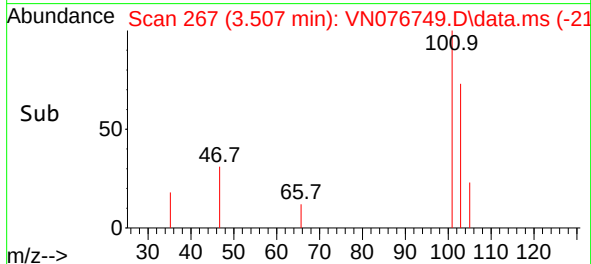
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04



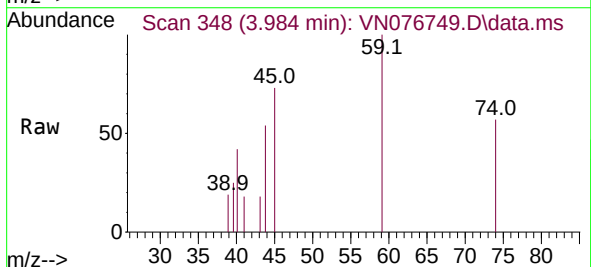
Tgt Ion:101 Resp: 284
 Ion Ratio Lower Upper
 101 100
 103 73.0 49.4 74.2

Manual Integrations
 APPROVED

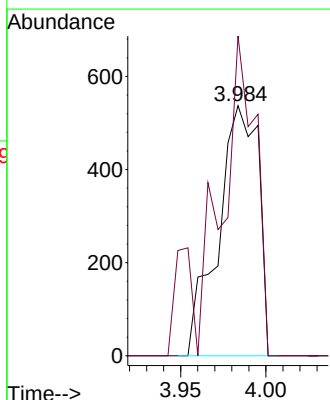
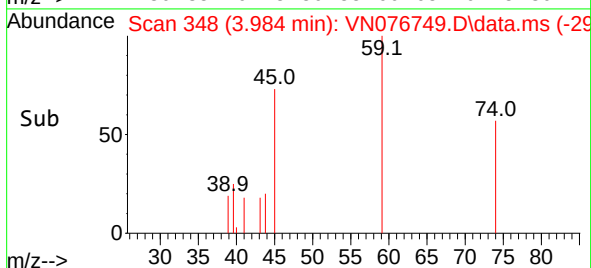
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

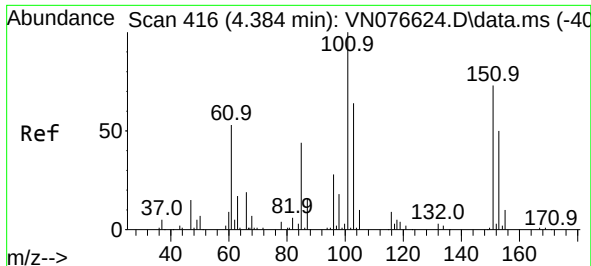


#8
 Diethyl Ether
 Concen: 0.450 ug/l
 RT: 3.984 min Scan# 348
 Delta R.T. 0.012 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48



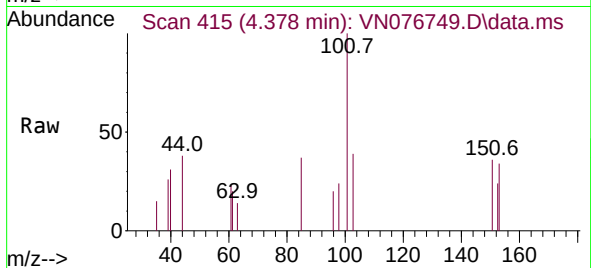
Tgt Ion: 74 Resp: 881
 Ion Ratio Lower Upper
 74 100
 45 105.7 51.3 153.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.613 ug/l m
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

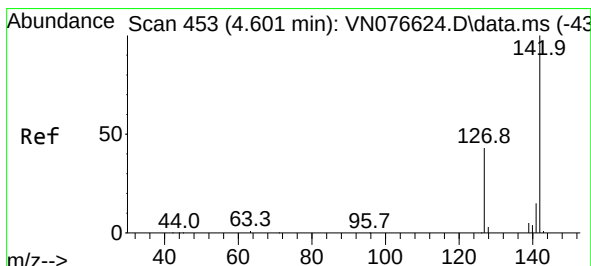
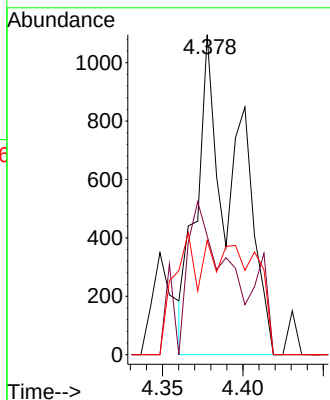
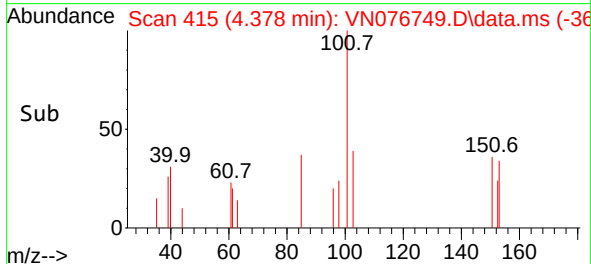
Instrument :
MSVOA_N
ClientSampleId :
MDL04



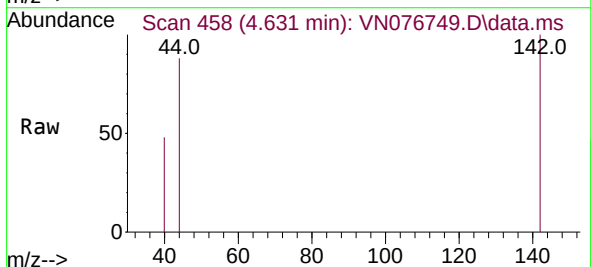
Tgt Ion:101 Resp: 183
Ion Ratio Lower Upper
101 100
85 63.5 37.4 56.0
151 22.7 58.7 88.1

Manual Integrations
APPROVED

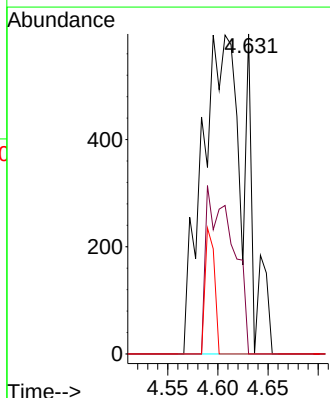
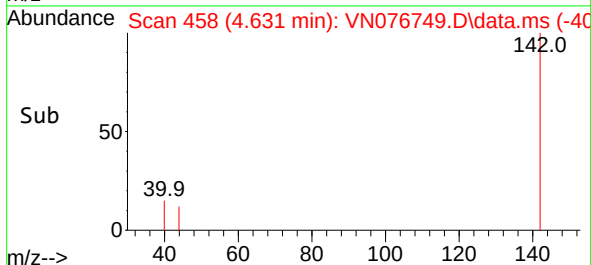
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

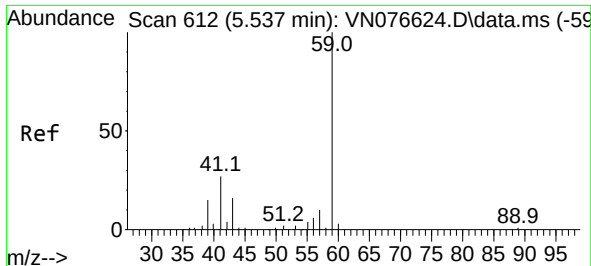


#10
Methyl Iodide
Concen: 0.481 ug/l
RT: 4.631 min Scan# 458
Delta R.T. 0.030 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



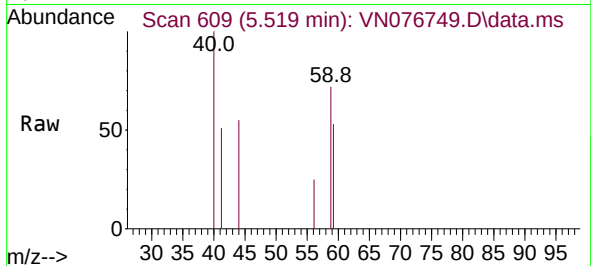
Tgt Ion:142 Resp: 1773
Ion Ratio Lower Upper
142 100
127 0.0 34.6 51.8#
141 0.0 11.7 17.5#





#11
Tert butyl alcohol
Concen: 3.270 ug/l m
RT: 5.519 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

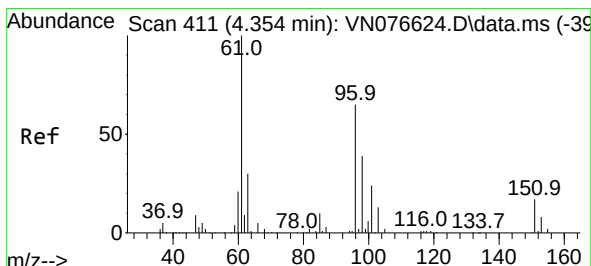
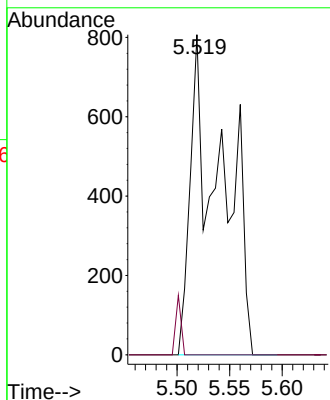
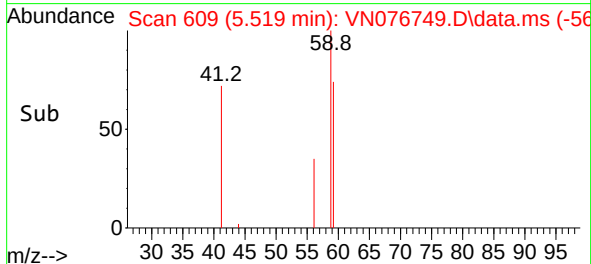
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

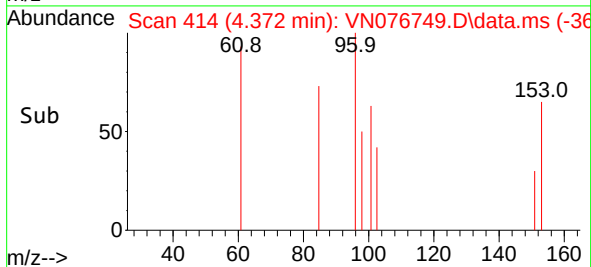
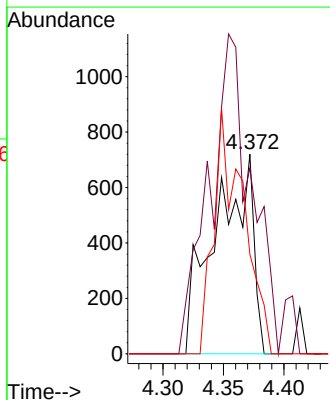
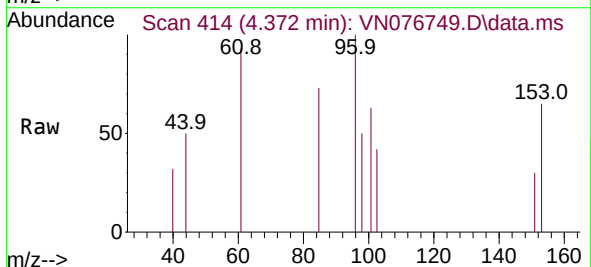
Manual Integrations
APPROVED

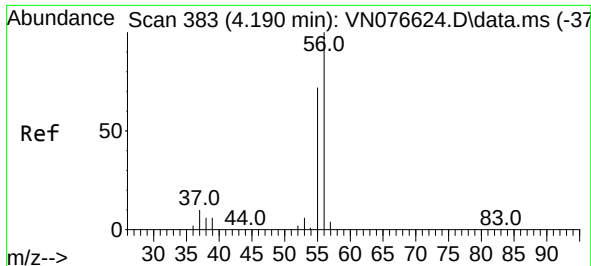
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#12
1,1-Dichloroethene
Concen: 0.558 ug/l m
RT: 4.372 min Scan# 414
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

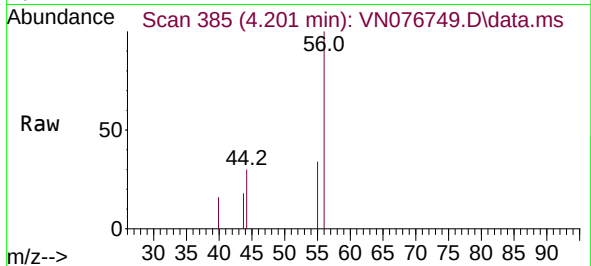
Tgt Ion: 96 Resp: 1579
Ion Ratio Lower Upper
96 100
61 93.1 123.8 185.6#
98 49.9 48.4 72.6





#13
Acrolein
Concen: 3.379 ug/l
RT: 4.201 min Scan# 385
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

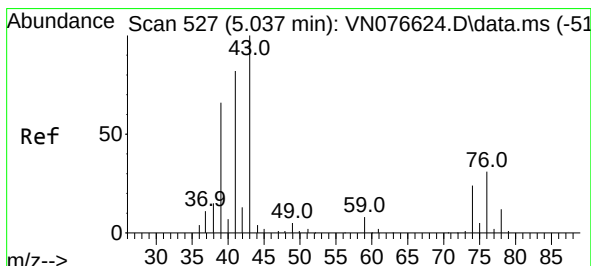
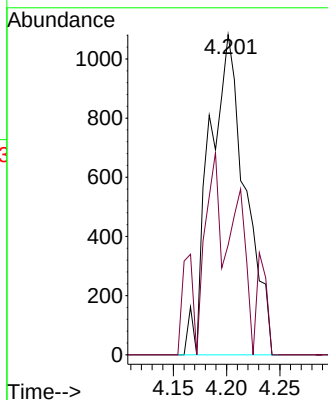
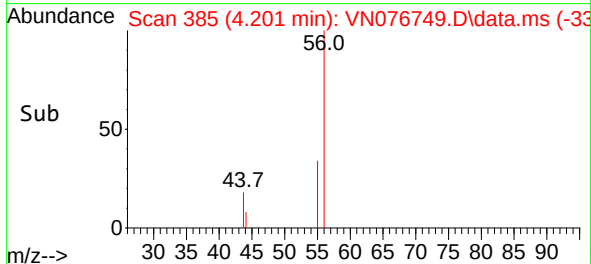
Instrument :
MSVOA_N
ClientSampleId :
MDL04



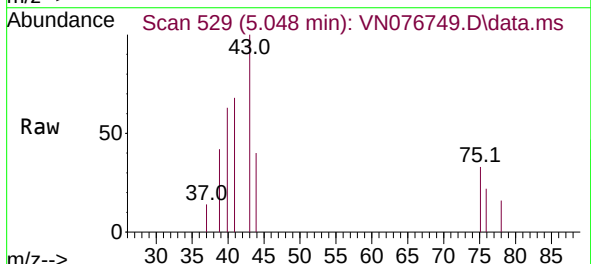
Tgt Ion: 56 Resp: 2534
Ion Ratio Lower Upper
56 100
55 18.7 56.3 84.5

Manual Integrations
APPROVED

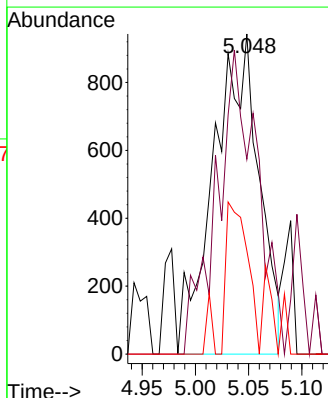
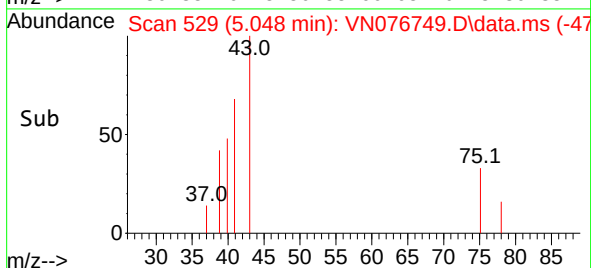
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

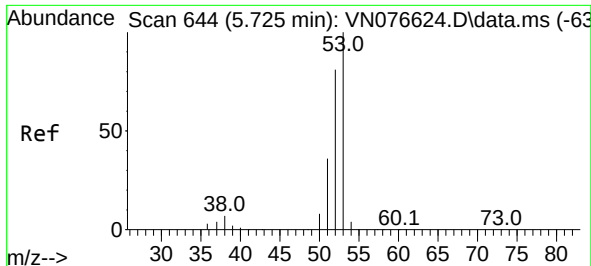


#14
Allyl chloride
Concen: 0.569 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



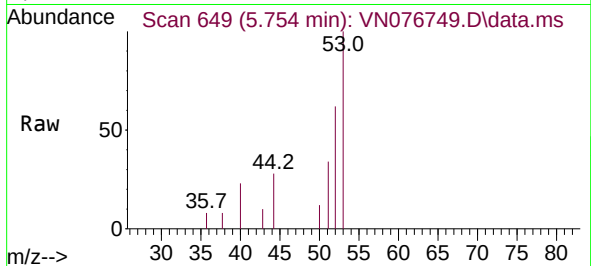
Tgt Ion: 41 Resp: 2790
Ion Ratio Lower Upper
41 100
39 85.4 62.3 93.5
76 24.7 27.0 40.6





#15
Acrylonitrile
Concen: 2.695 ug/l
RT: 5.754 min Scan# 644
Delta R.T. 0.029 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

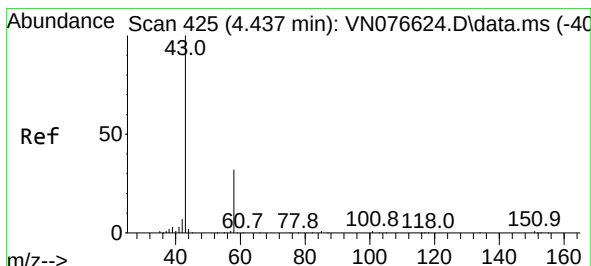
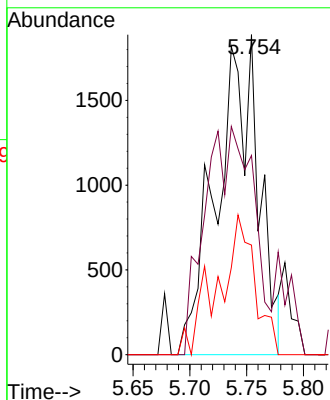
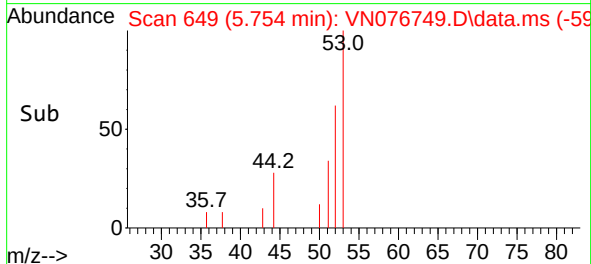
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 53 Resp: 4770
Ion Ratio Lower Upper
53 100
52 0.0 65.3 97.9
51 24.5 29.2 43.8

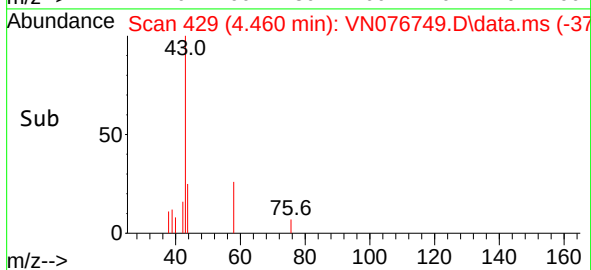
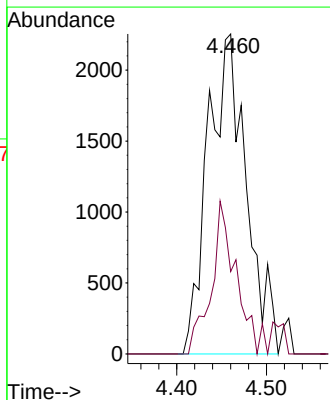
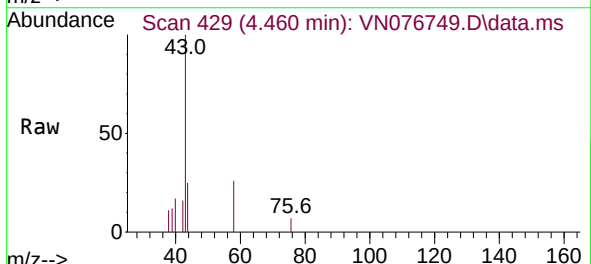
Manual Integrations
APPROVED

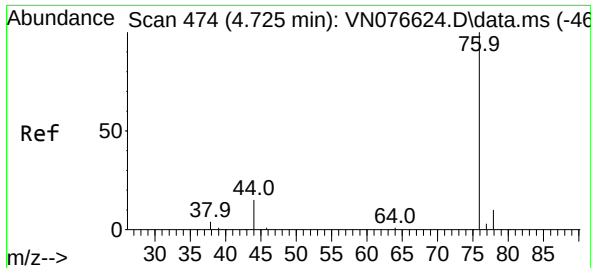
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#16
Acetone
Concen: 3.958 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.023 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

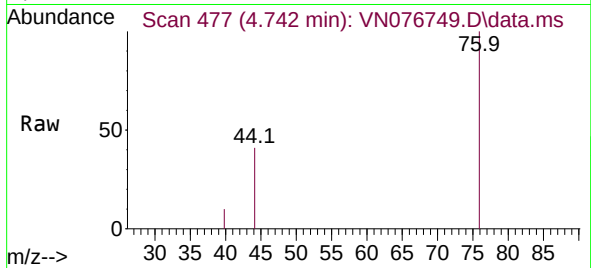
Tgt Ion: 43 Resp: 6689
Ion Ratio Lower Upper
43 100
58 20.6 25.9 38.9





#17
Carbon Disulfide
Concen: 0.574 ug/l m
RT: 4.742 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

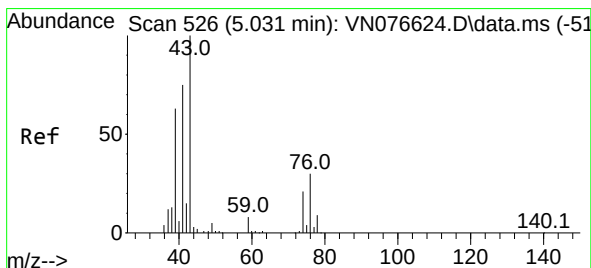
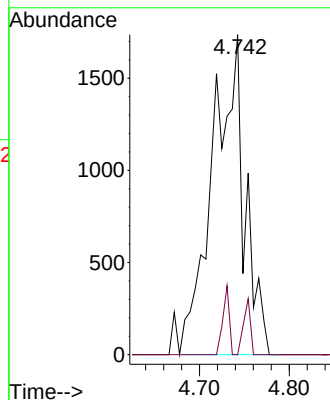
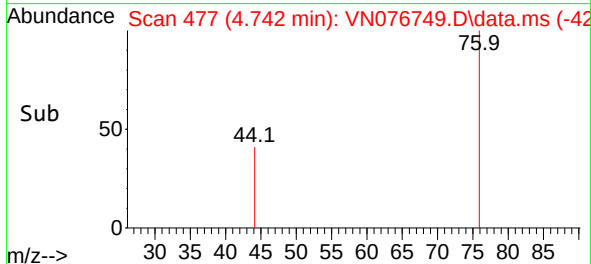
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 76 Resp: 4289
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.8

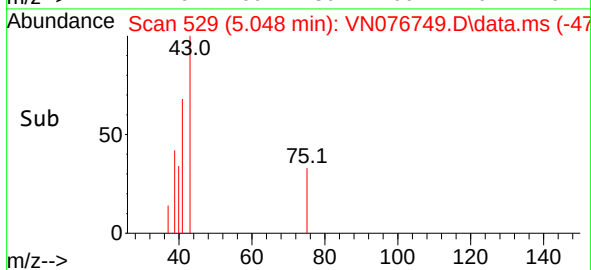
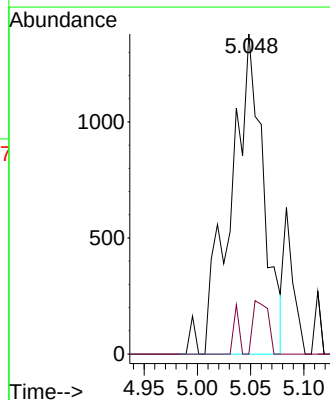
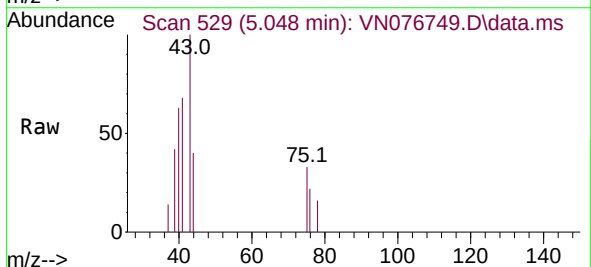
Manual Integrations
APPROVED

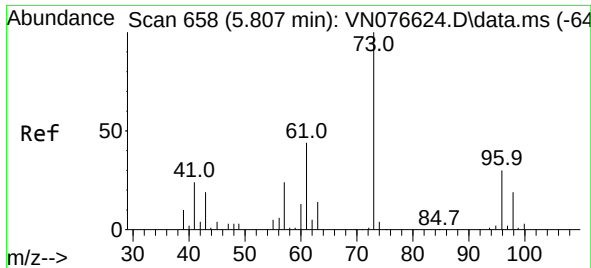
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#18
Methyl Acetate
Concen: 0.535 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.017 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 43 Resp: 2950
Ion Ratio Lower Upper
43 100
74 7.7 17.7 26.5





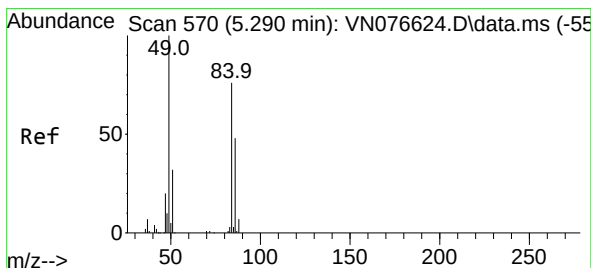
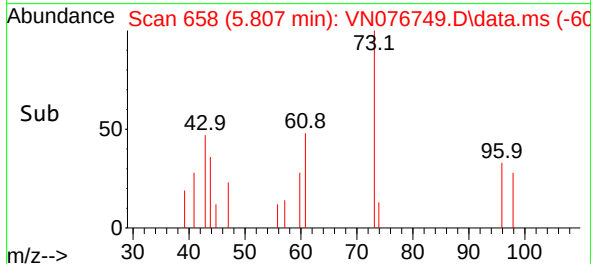
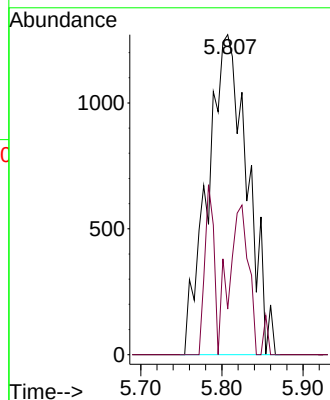
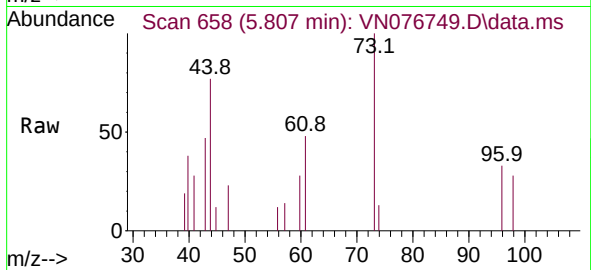
#19
Methyl tert-butyl Ether
Concen: 0.451 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 73 Resp: 429
Ion Ratio Lower Upper
73 100
57 14.2 19.0 28.4

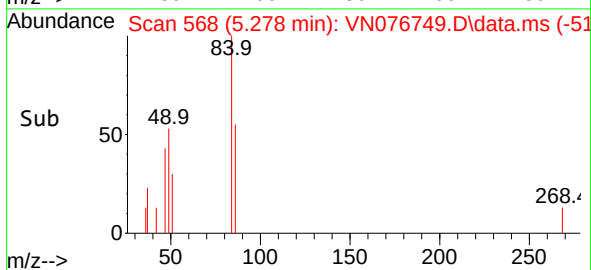
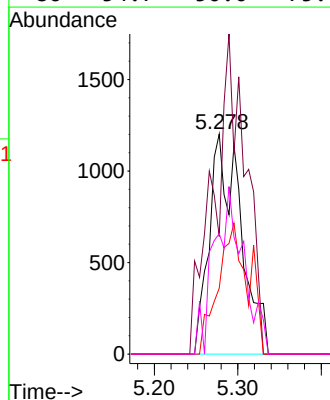
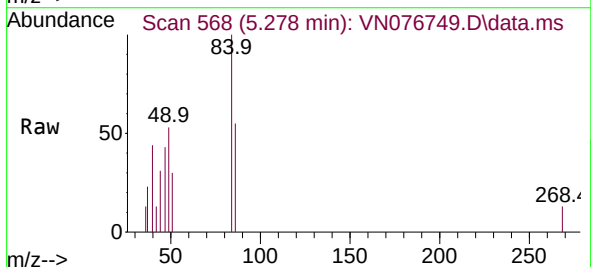
Manual Integrations
APPROVED

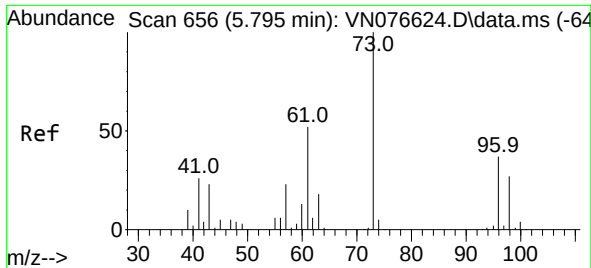
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#20
Methylene Chloride
Concen: 0.888 ug/l m
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

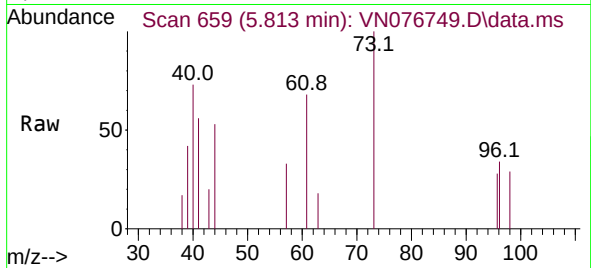
Tgt Ion: 84 Resp: 3144
Ion Ratio Lower Upper
84 100
49 53.4 104.9 157.3#
51 29.9 33.8 50.8#
86 54.7 50.0 75.0





#21
trans-1,2-Dichloroethene
Concen: 0.538 ug/l m
RT: 5.813 min Scan# 659
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

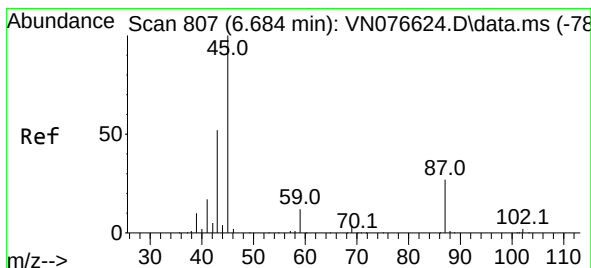
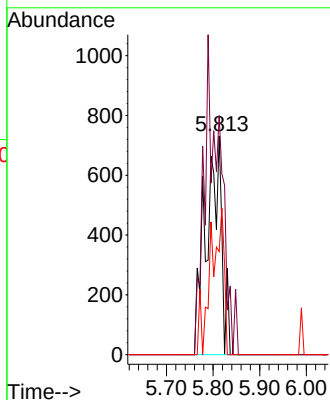
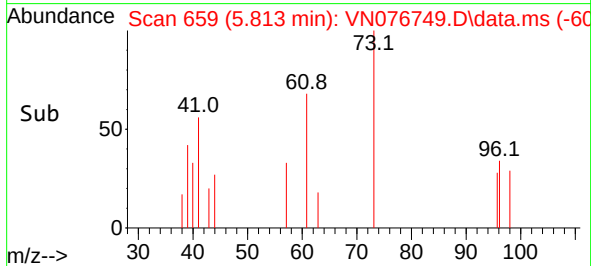
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 96 Resp: 1712
Ion Ratio Lower Upper
96 100
61 199.0 113.9 170.9#
98 85.8 59.4 89.0

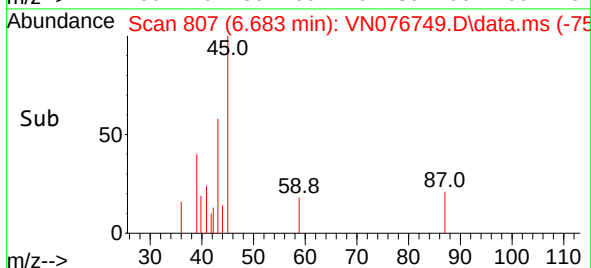
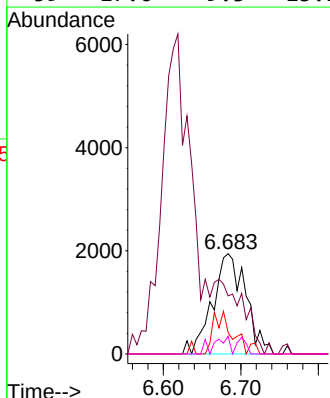
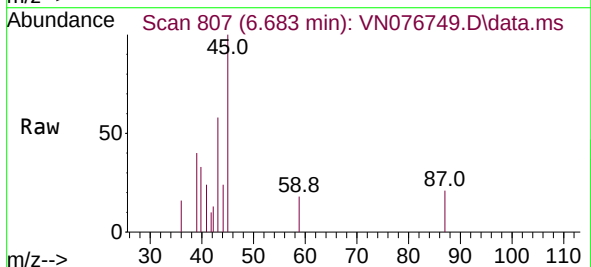
Manual Integrations
APPROVED

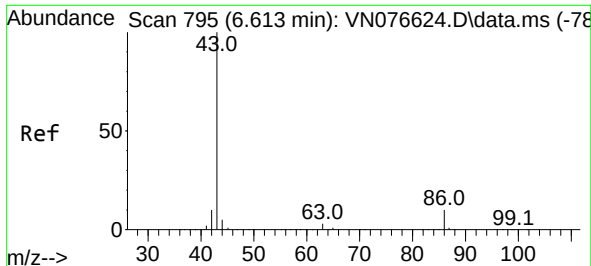
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#22
Diisopropyl ether
Concen: 0.506 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 45 Resp: 5818
Ion Ratio Lower Upper
45 100
43 57.8 41.8 62.6
87 21.3 21.8 32.8#
59 17.6 9.3 13.9#





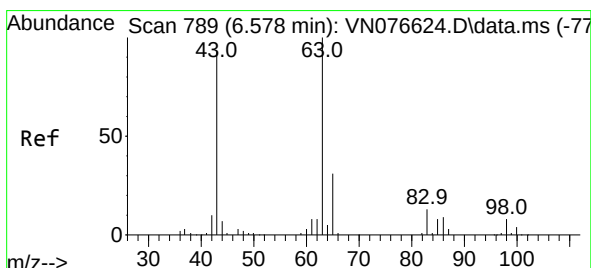
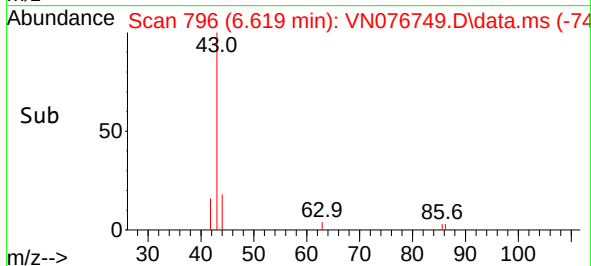
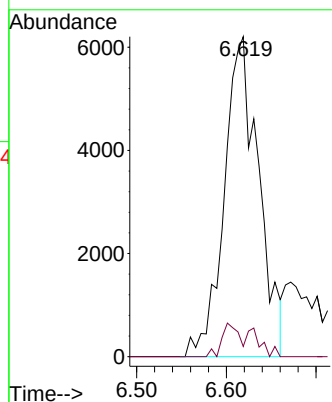
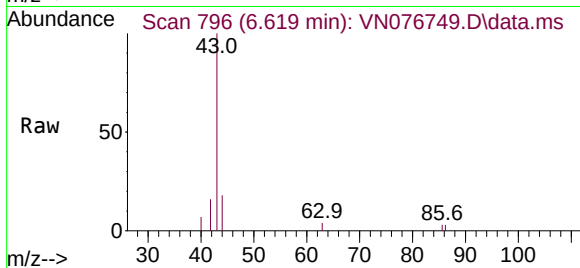
#23
 Vinyl Acetate
 Concen: 2.430 ug/l
 RT: 6.619 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04

Tgt Ion: 43 Resp: 1652
 Ion Ratio Lower Upper
 43 100
 86 3.2 8.2 12.2

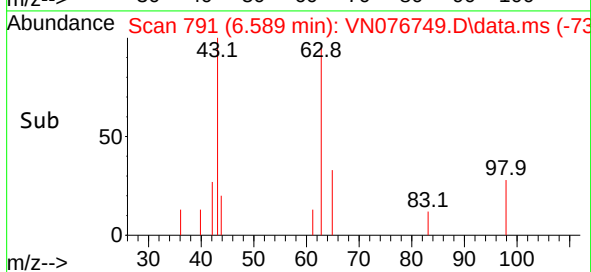
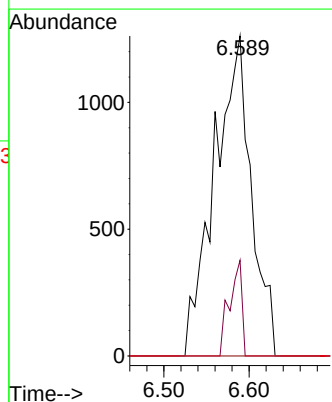
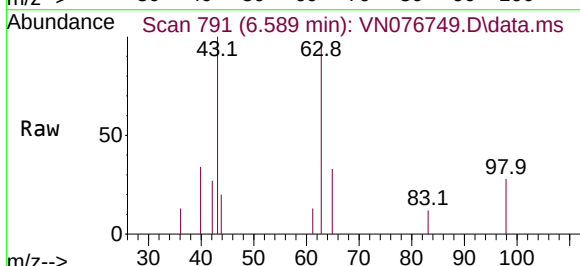
Manual Integrations
 APPROVED

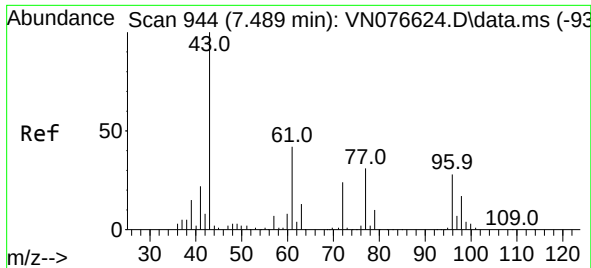
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#24
 1,1-Dichloroethane
 Concen: 0.602 ug/l
 RT: 6.589 min Scan# 791
 Delta R.T. 0.011 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

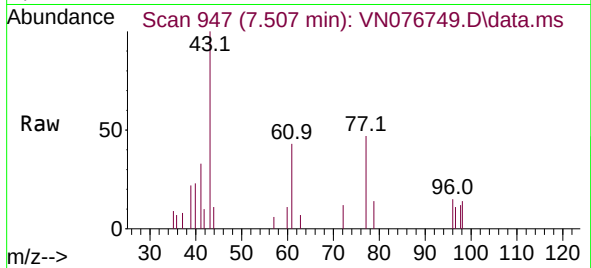
Tgt Ion: 63 Resp: 3795
 Ion Ratio Lower Upper
 63 100
 98 29.9 4.1 12.3#
 100 0.0 2.0 5.8#





#25
2-Butanone
Concen: 3.357 ug/l
RT: 7.507 min Scan# 947
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

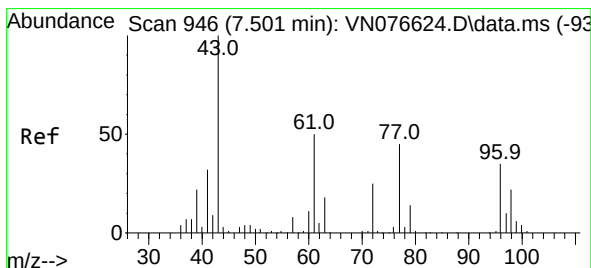
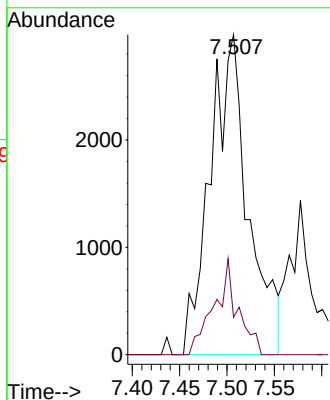
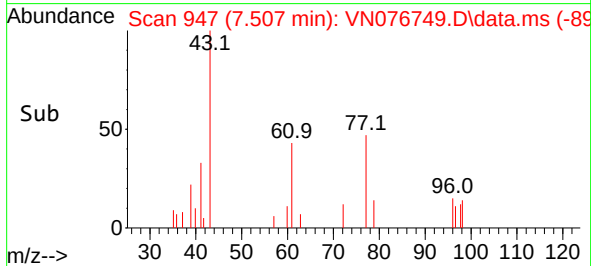
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 43 Resp: 8370
Ion Ratio Lower Upper
43 100
72 11.7 19.4 29.2

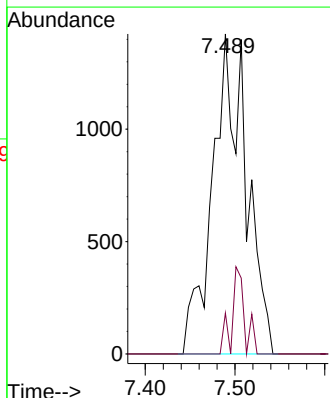
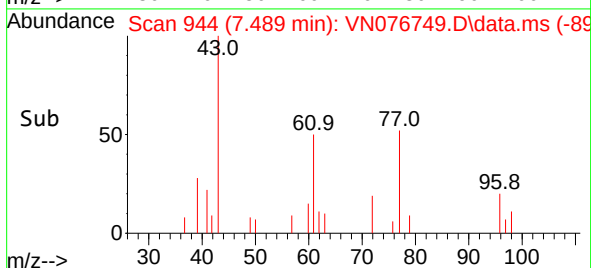
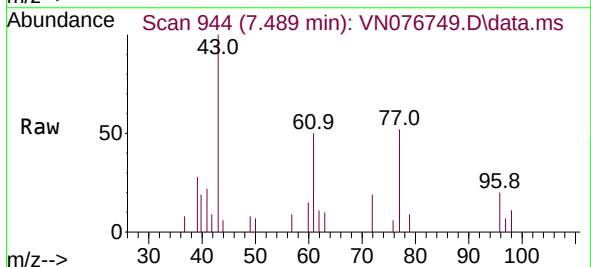
Manual Integrations
APPROVED

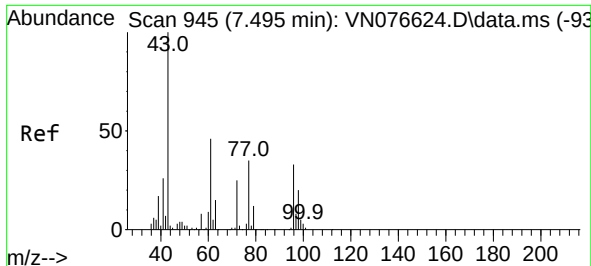
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#26
2,2-Dichloropropane
Concen: 0.815 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 77 Resp: 3701
Ion Ratio Lower Upper
77 100
97 10.3 11.9 35.7





#27

cis-1,2-Dichloroethene

Concen: 0.607 ug/l m

RT: 7.495 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

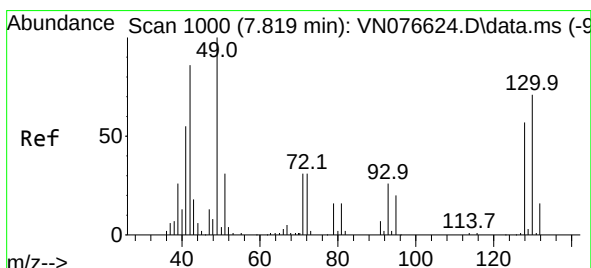
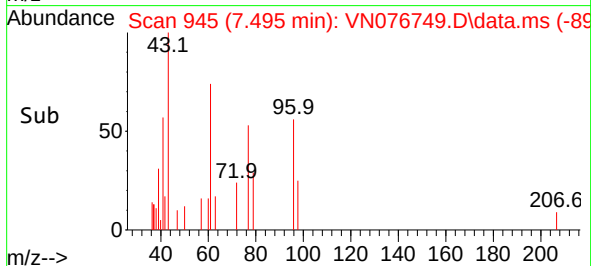
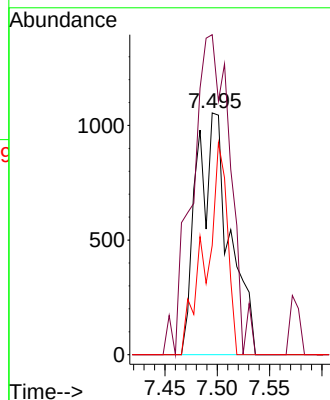
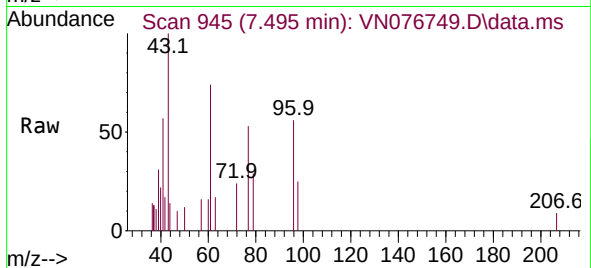
Tgt Ion:	96	Resp:	2294
Ion	Ratio	Lower	Upper
96	100		
61	152.8	0.0	286.8
98	57.6	0.0	124.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#28

Bromochloromethane

Concen: 0.221 ug/l m

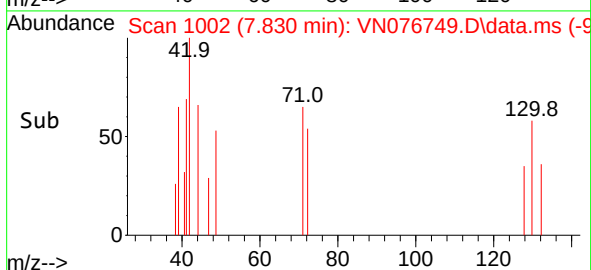
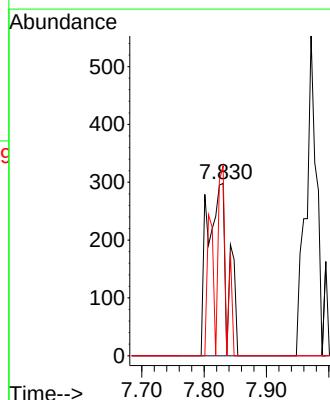
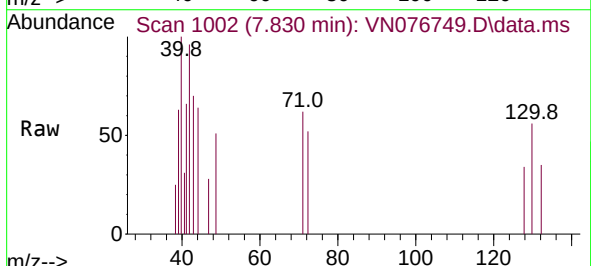
RT: 7.830 min Scan# 1002

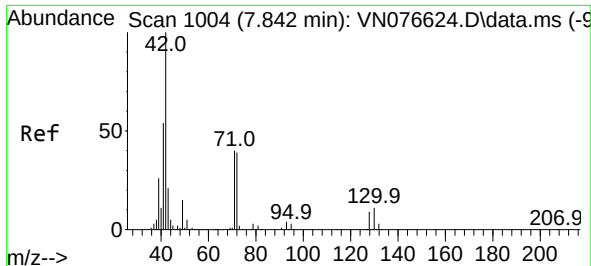
Delta R.T. 0.011 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Tgt Ion:	49	Resp:	664
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	42.9	57.8	86.8#





#29

Tetrahydrofuran

Concen: 2.788 ug/l m

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076749.D

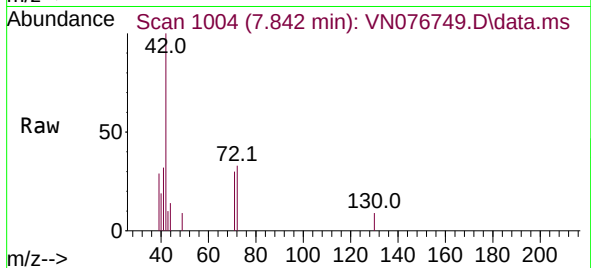
Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04



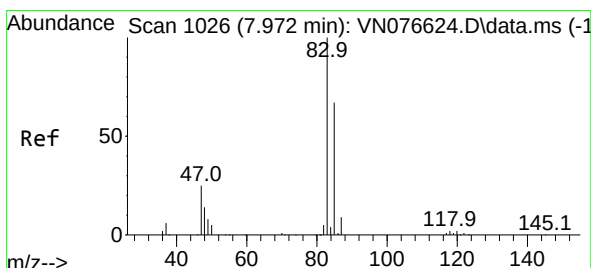
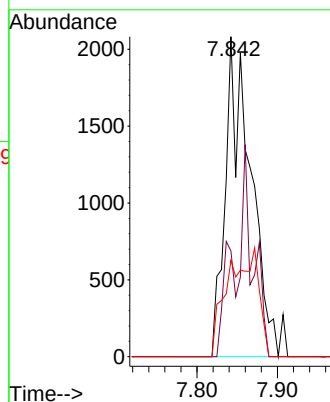
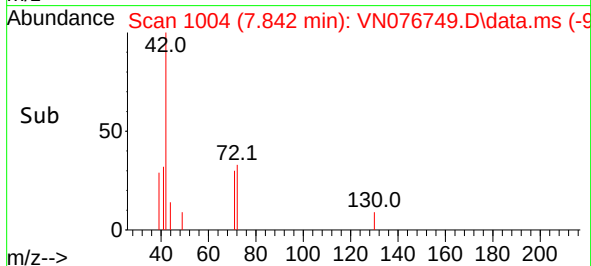
Tgt Ion:	42	Resp:	454
Ion Ratio	Lower	Upper	
42	100		
72	16.6	31.5	47.3
71	26.3	29.8	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#30

Chloroform

Concen: 0.674 ug/l

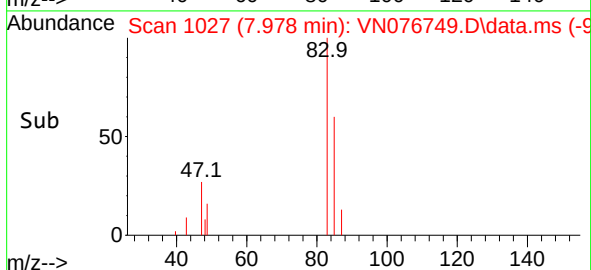
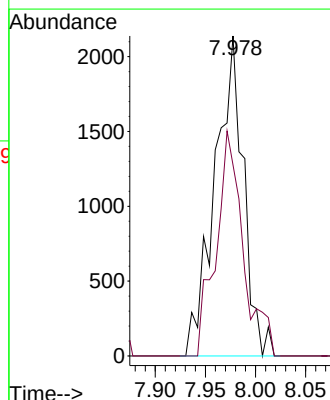
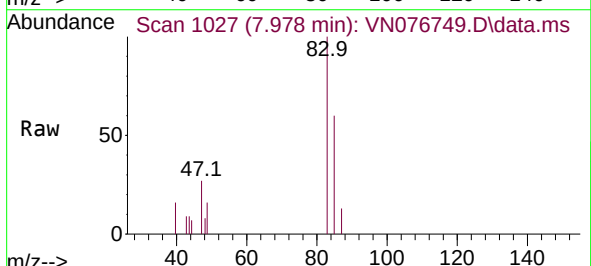
RT: 7.978 min Scan# 1027

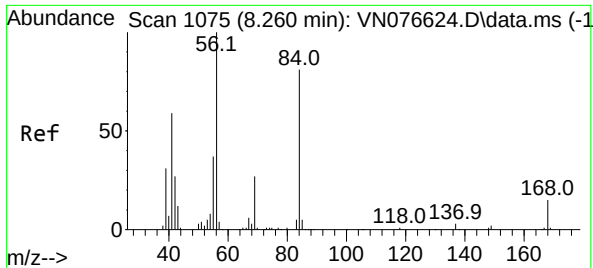
Delta R.T. 0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

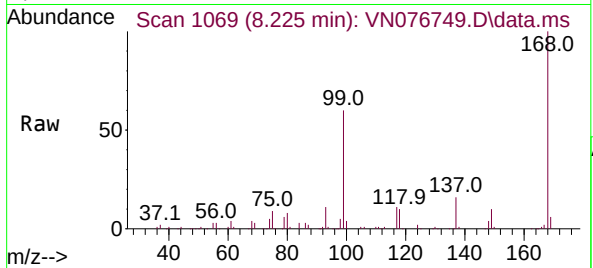
Tgt Ion:	83	Resp:	4241
Ion Ratio	Lower	Upper	
83	100		
85	59.7	53.5	80.3





#31
Cyclohexane
Concen: 1.825 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.035 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

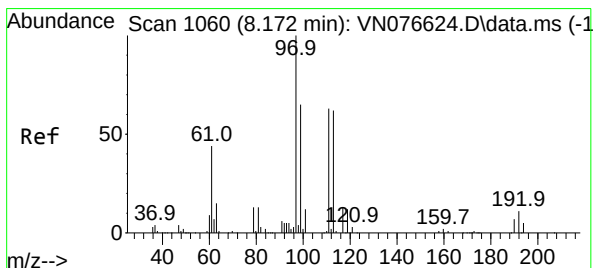
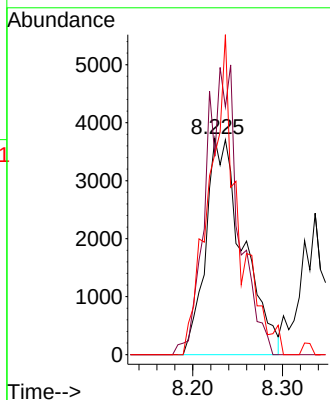
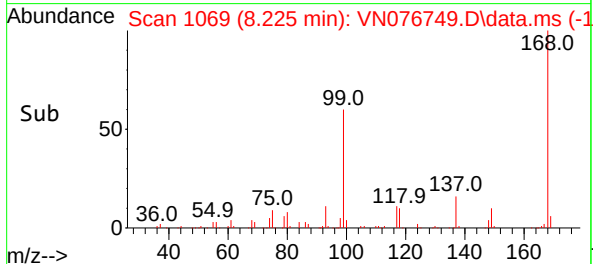
Instrument :
MSVOA_N
ClientSampleId :
MDL04



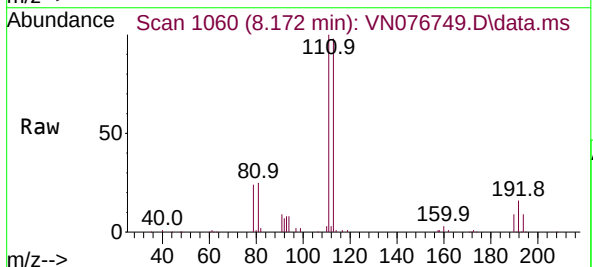
Tgt Ion: 56 Resp: 1083
Ion Ratio Lower Upper
56 100
69 91.7 21.6 32.4#
84 92.8 65.1 97.7

Manual Integrations
APPROVED

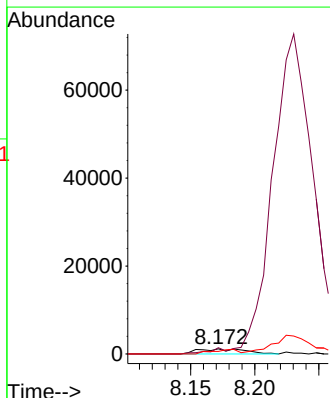
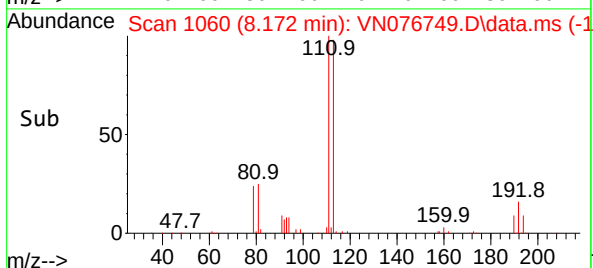
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

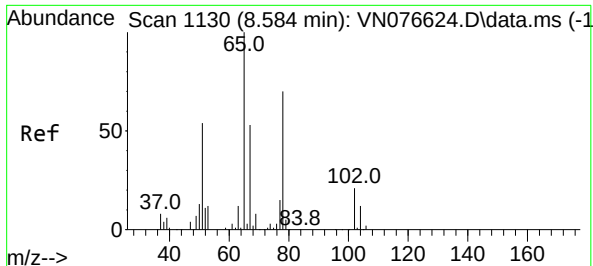


#32
1,1,1-Trichloroethane
Concen: 0.555 ug/l m
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



Tgt Ion: 97 Resp: 2938
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 0.0 38.2 57.2#





#33

1,2-Dichloroethane-d4

Concen: 53.615 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.001 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

Tgt Ion: 65 Resp: 20286

Ion Ratio Lower Upper

65 100

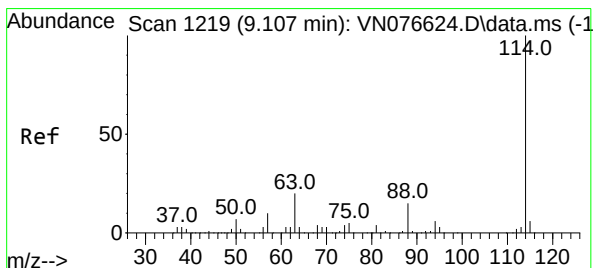
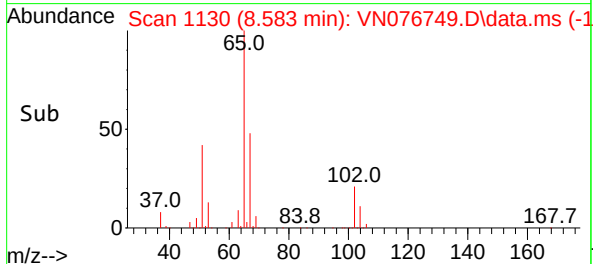
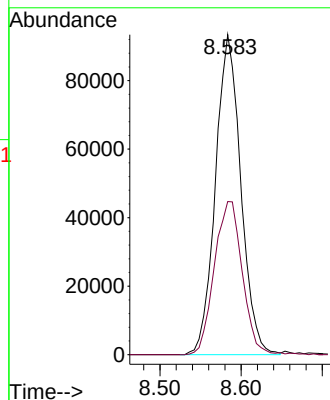
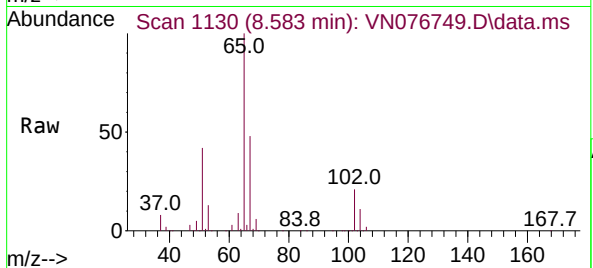
67 52.9 0.0 105.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

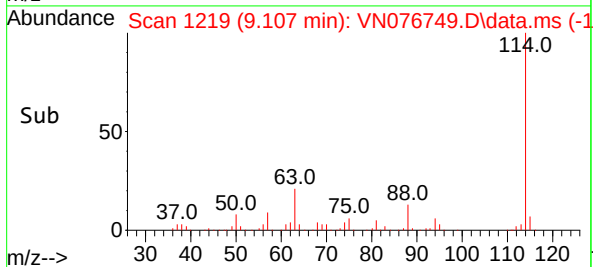
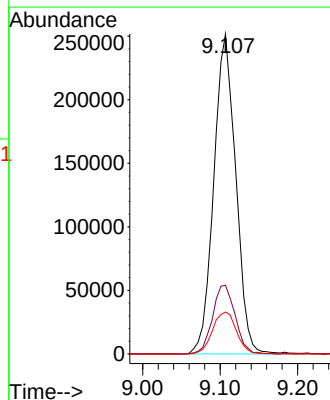
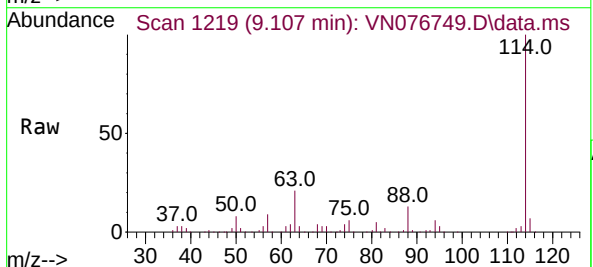
Tgt Ion:114 Resp: 495383

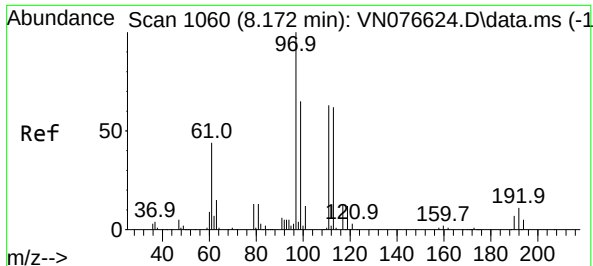
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.0

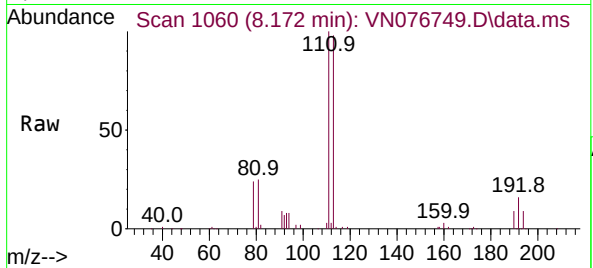
88 13.1 0.0 29.6





#35
Dibromofluoromethane
Concen: 47.240 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

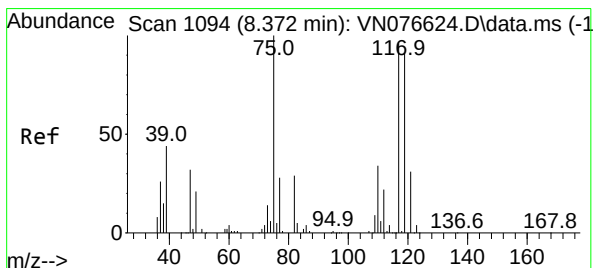
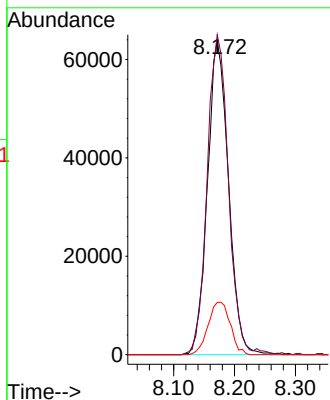
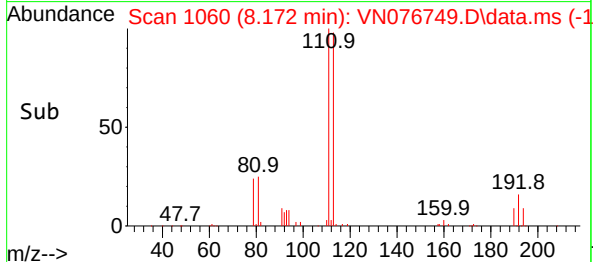
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 113 Resp: 153250
Ion Ratio Lower Upper
113 100
111 102.1 83.1 124.7
192 17.6 15.6 23.4

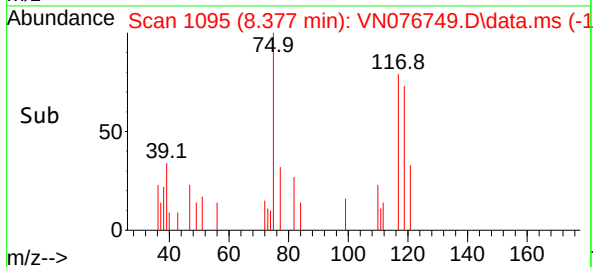
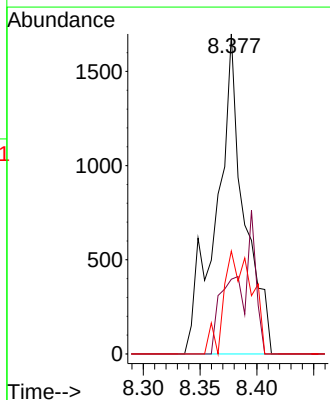
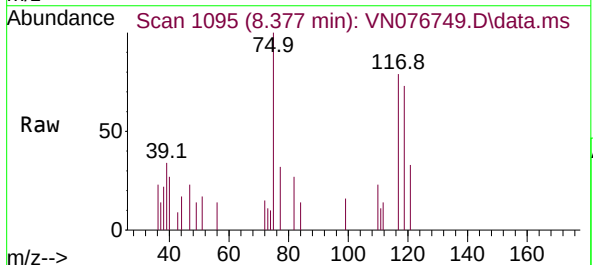
Manual Integrations
APPROVED

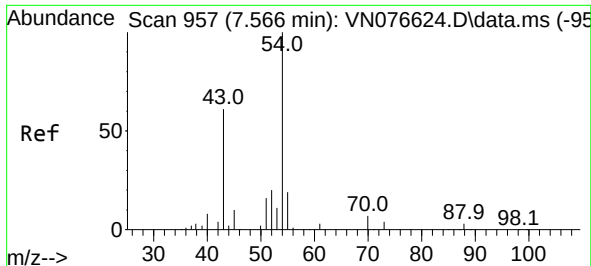
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#36
1,1-Dichloropropene
Concen: 0.611 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 75 Resp: 2863
Ion Ratio Lower Upper
75 100
110 33.2 17.5 52.5
77 32.8 24.5 36.7





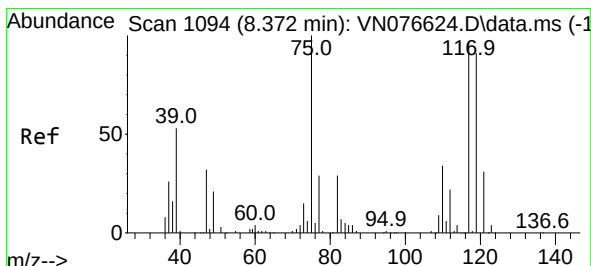
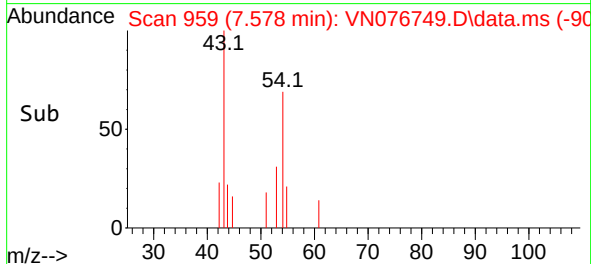
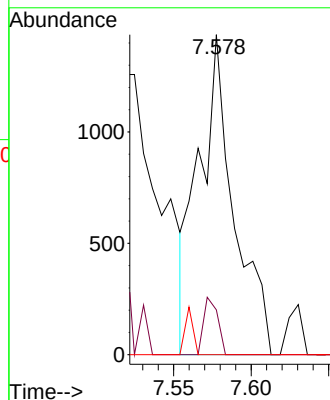
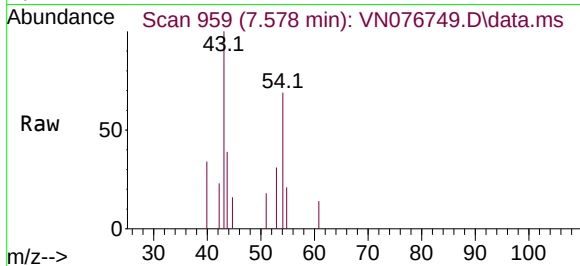
#37
Ethyl Acetate
Concen: 0.458 ug/l
RT: 7.578 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 2258
Ion Ratio Lower Upper
43 100
61 7.2 9.9 14.9
70 3.3 7.8 11.6

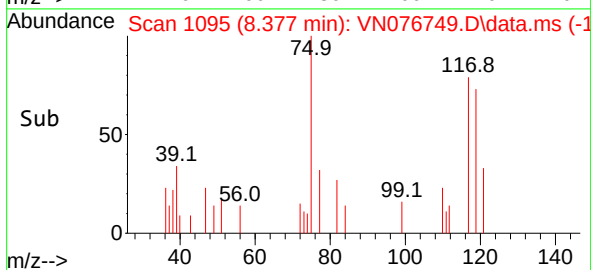
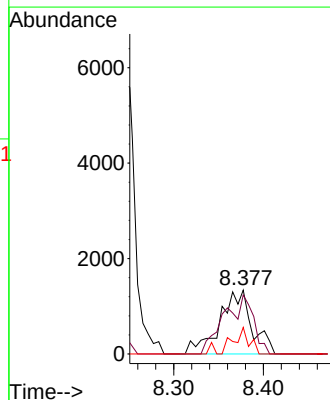
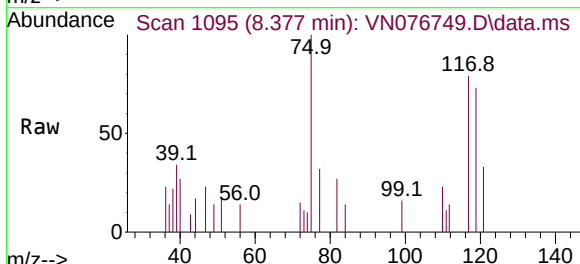
Manual Integrations
APPROVED

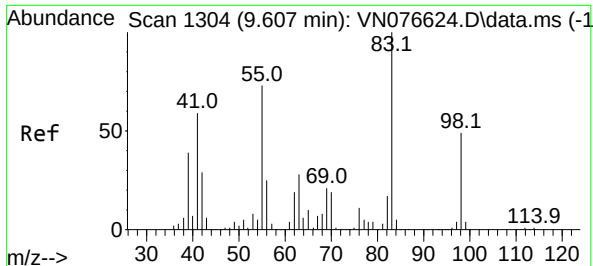
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#38
Carbon Tetrachloride
Concen: 0.707 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:117 Resp: 3342
Ion Ratio Lower Upper
117 100
119 92.5 75.4 113.0
121 41.5 26.0 39.0





#39

Methylcyclohexane

Concen: 0.530 ug/l

RT: 9.601 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

Tgt Ion: 83 Resp: 2820

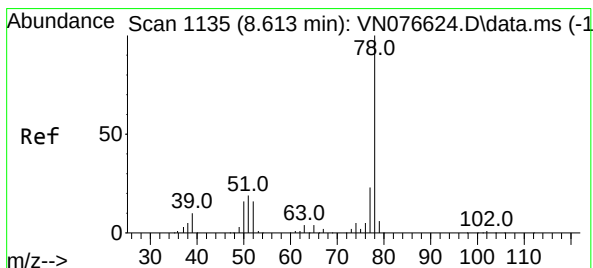
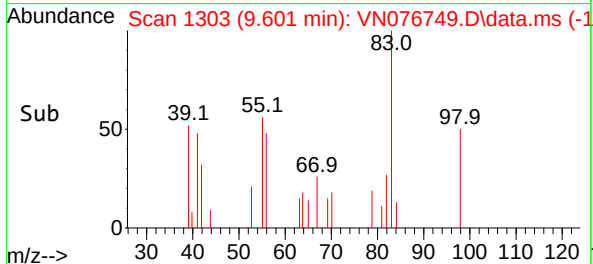
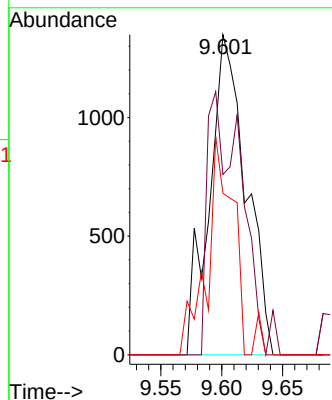
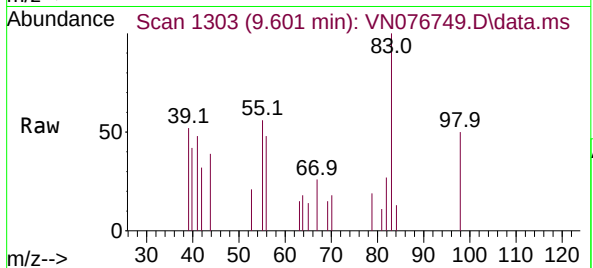
Ion	Ratio	Lower	Upper
83	100		
55	56.3	58.6	88.0
98	50.5	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#40

Benzene

Concen: 0.522 ug/l

RT: 8.607 min Scan# 1134

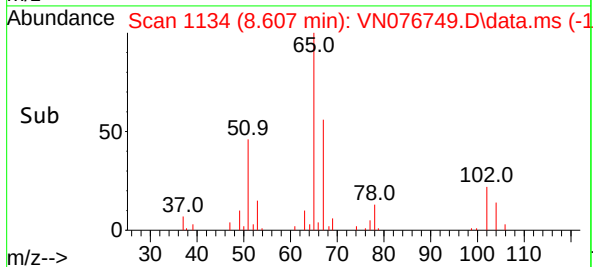
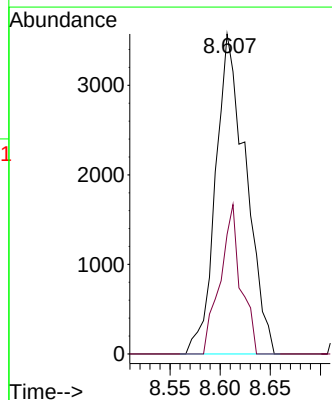
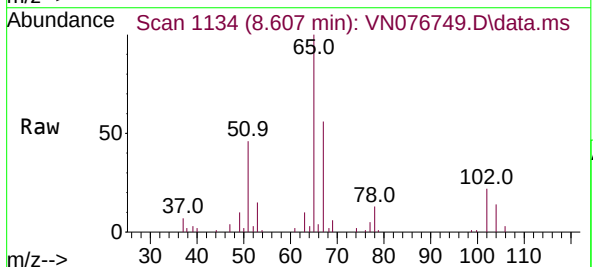
Delta R.T. -0.006 min

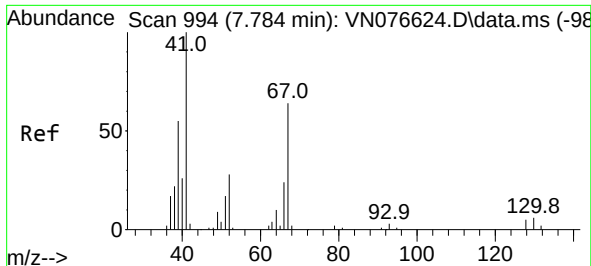
Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Tgt Ion: 78 Resp: 7511

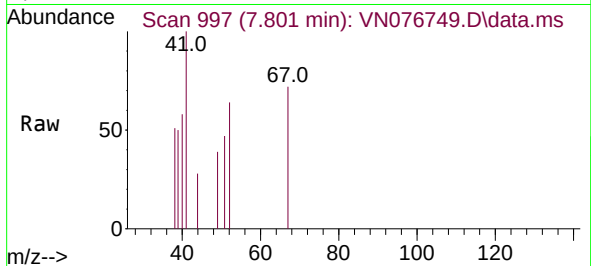
Ion	Ratio	Lower	Upper
78	100		
77	37.4	18.2	27.4





#41
Methacrylonitrile
Concen: 0.534 ug/l
RT: 7.801 min Scan# 994
Delta R.T. 0.017 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

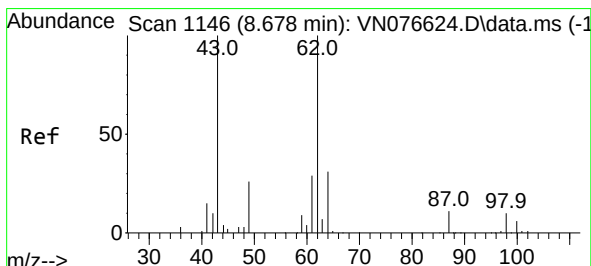
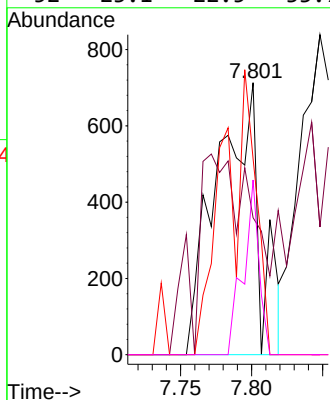
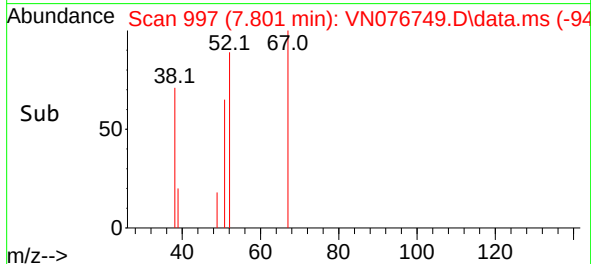
Instrument :
MSVOA_N
ClientSampleId :
MDL04



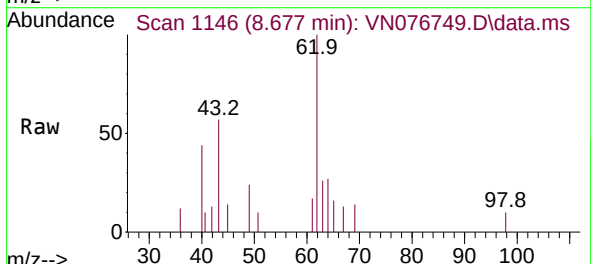
Tgt Ion: 41 Resp: 1520
Ion Ratio Lower Upper
41 100
39 0.0 42.6 63.8
67 36.1 51.4 77.0
52 23.1 22.5 33.7

Manual Integrations
APPROVED

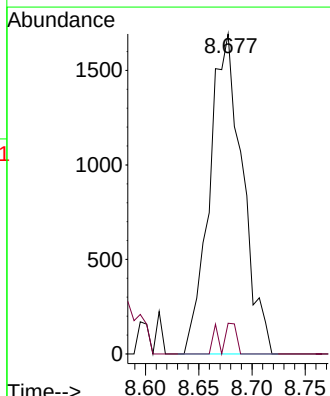
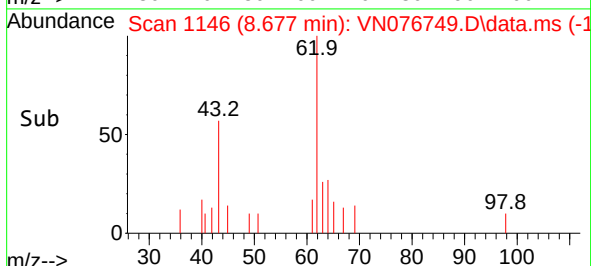
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

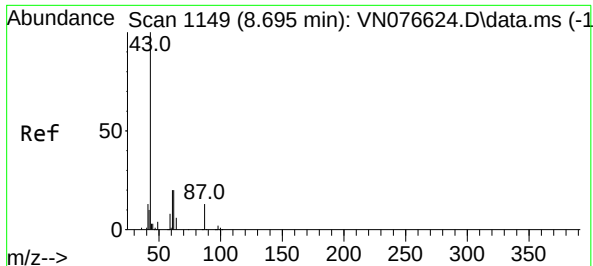


#42
1,2-Dichloroethane
Concen: 0.726 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



Tgt Ion: 62 Resp: 3643
Ion Ratio Lower Upper
62 100
98 4.6 0.0 19.2





#43

Isopropyl Acetate

Concen: 0.543 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

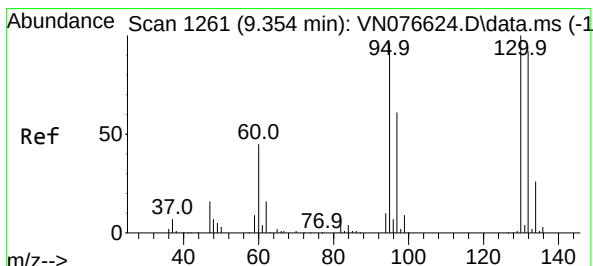
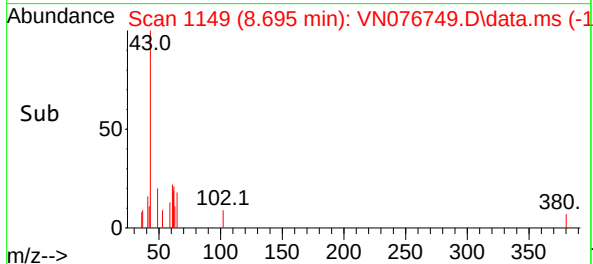
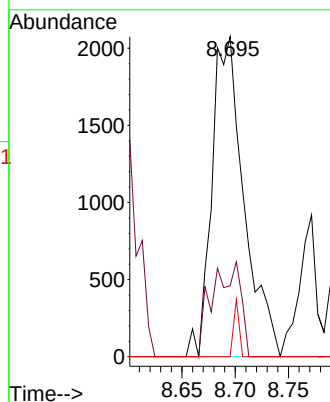
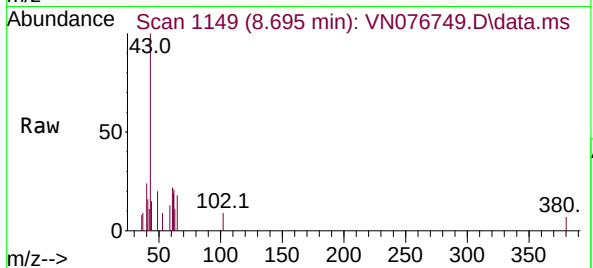
Tgt Ion: 43	Resp: 4350
Ion Ratio	Lower Upper
43 100	
61 25.9	20.0 30.0
87 3.0	9.9 14.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#44

Trichloroethene

Concen: 0.626 ug/l

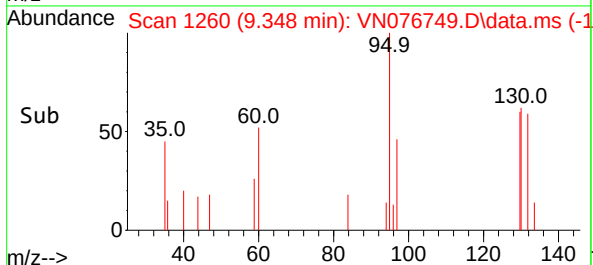
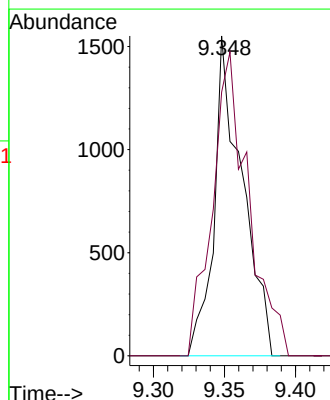
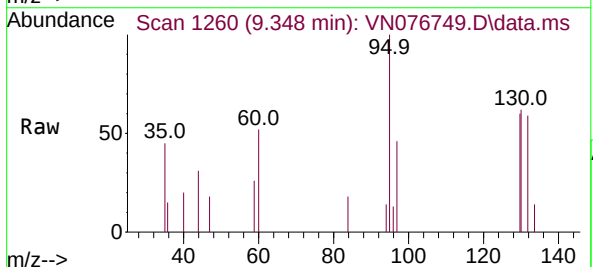
RT: 9.348 min Scan# 1260

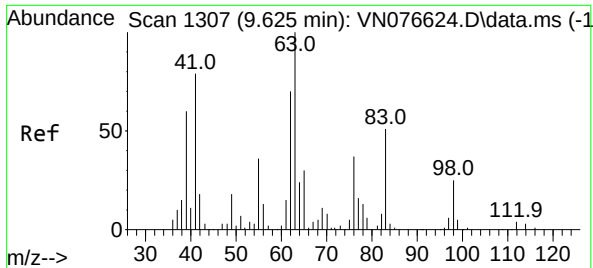
Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Tgt Ion:130	Resp: 2128
Ion Ratio	Lower Upper
130 100	
95 82.5	0.0 191.4





#45

1,2-Dichloropropane

Concen: 0.730 ug/l

RT: 9.619 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

Tgt Ion: 63 Resp: 278

Ion Ratio Lower Upper

63 100

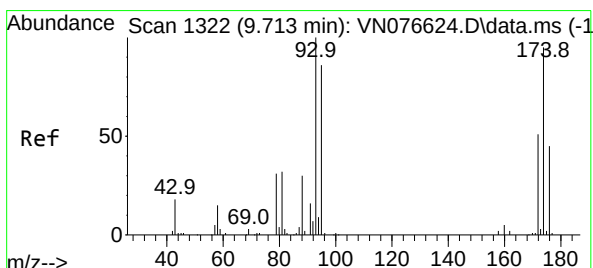
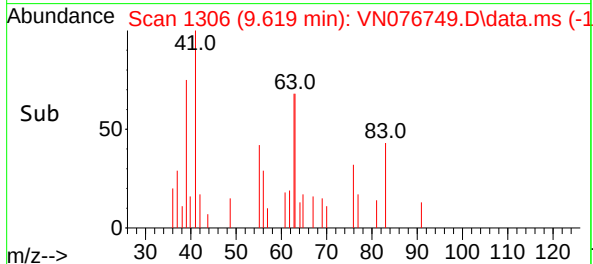
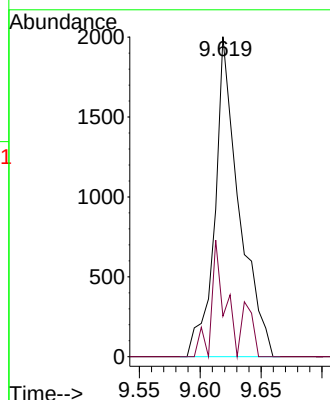
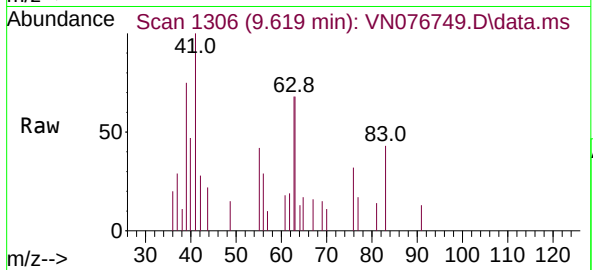
65 12.6 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#46

Dibromomethane

Concen: 0.615 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

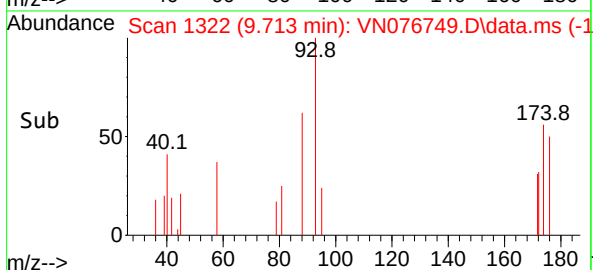
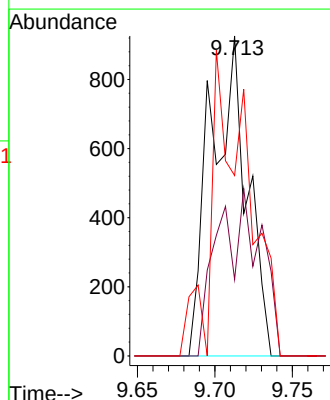
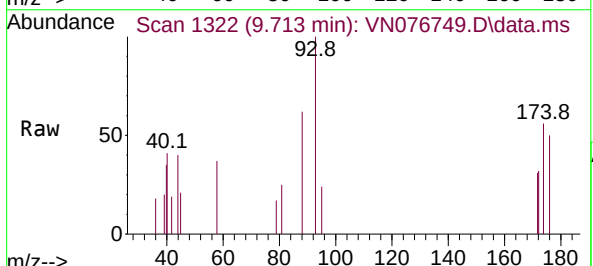
Tgt Ion: 93 Resp: 1499

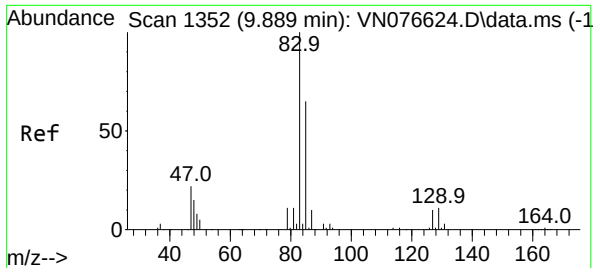
Ion Ratio Lower Upper

93 100

95 29.4 66.0 99.0

174 96.1 75.8 113.8





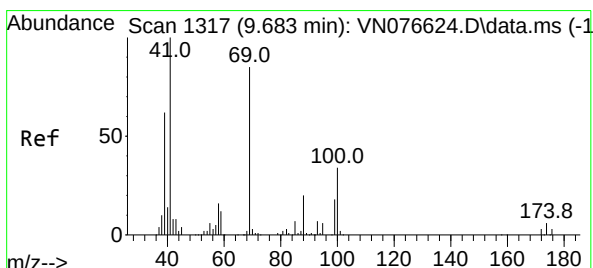
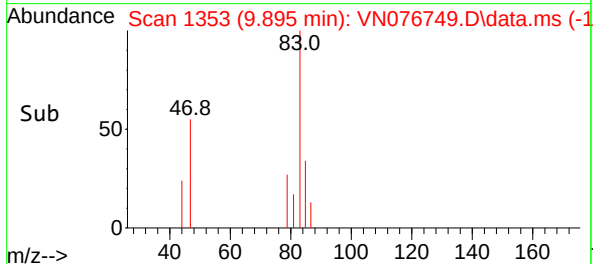
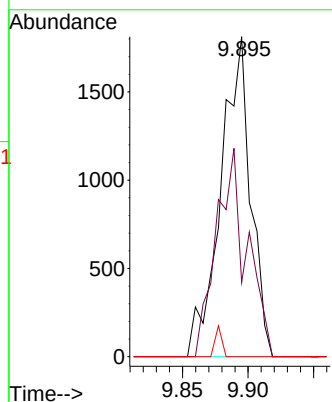
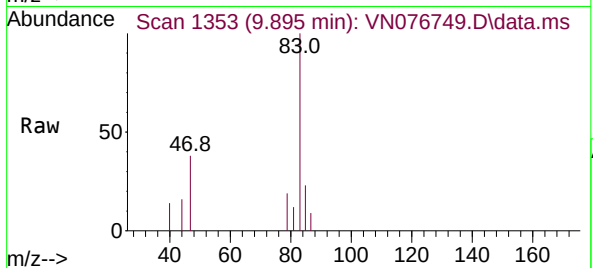
#47
Bromodichloromethane
Concen: 0.587 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 83 Resp: 286
Ion Ratio Lower Upper
83 100
85 23.2 51.8 77.6
127 0.0 7.9 11.9

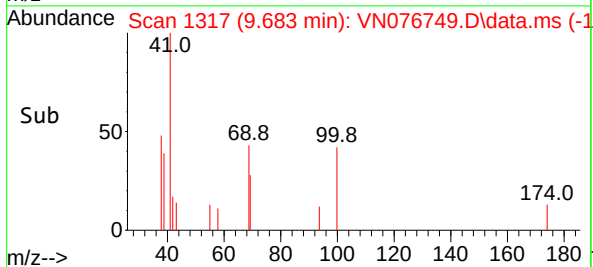
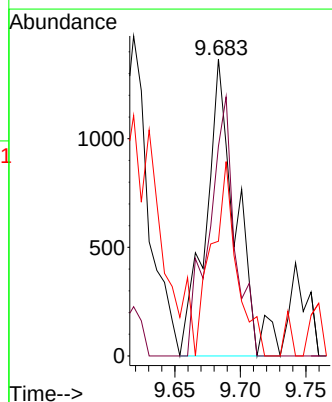
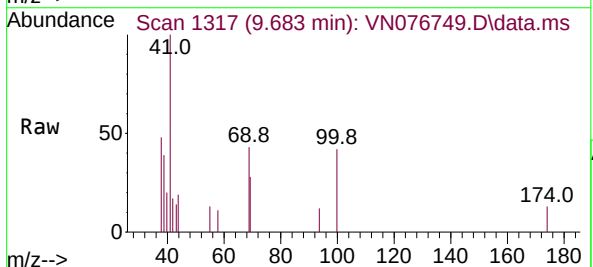
Manual Integrations
APPROVED

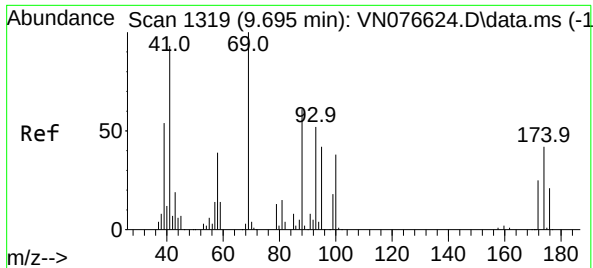
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#48
Methyl methacrylate
Concen: 0.577 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

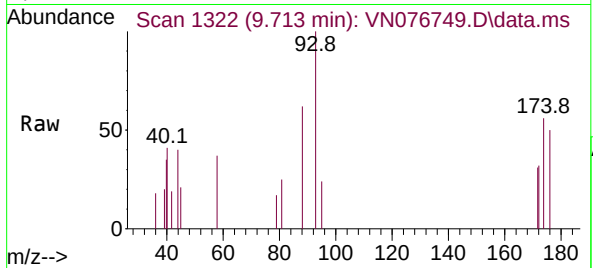
Tgt Ion: 41 Resp: 2198
Ion Ratio Lower Upper
41 100
69 74.9 65.4 98.0
39 53.9 49.3 73.9





#49
1,4-Dioxane
Concen: 9.351 ug/l
RT: 9.713 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

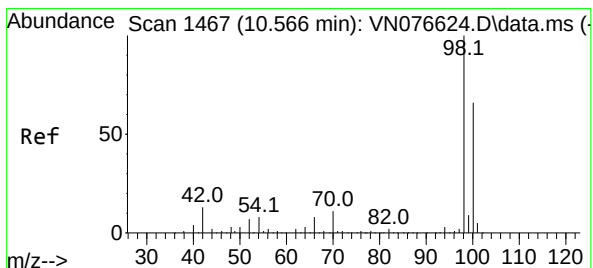
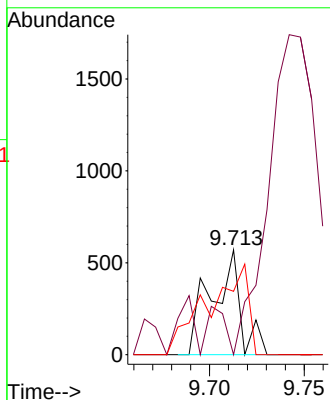
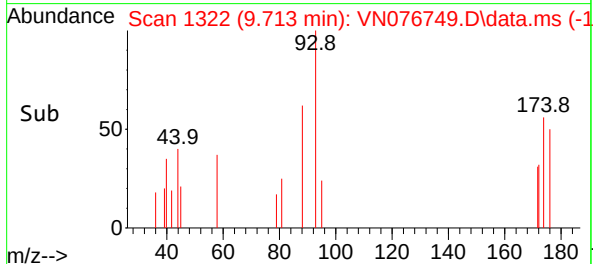
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 88 Resp: 610
Ion Ratio Lower Upper
88 100
43 27.9 22.6 33.8
58 117.9 57.6 86.4

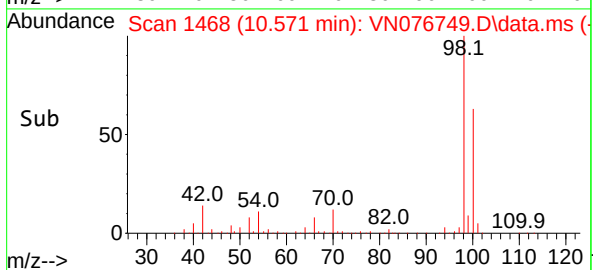
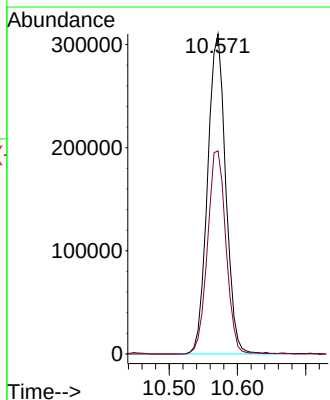
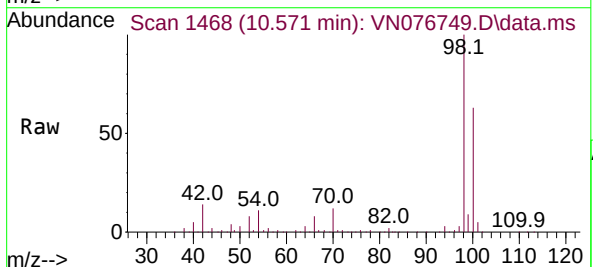
Manual Integrations
APPROVED

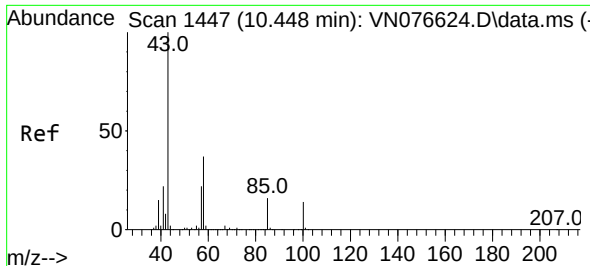
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#50
Toluene-d8
Concen: 47.430 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

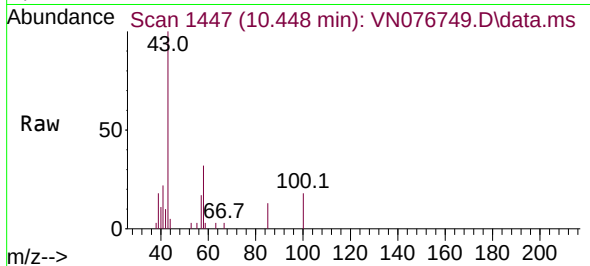
Tgt Ion: 98 Resp: 574644
Ion Ratio Lower Upper
98 100
100 64.6 52.9 79.3





#51
4-Methyl-2-Pentanone
Concen: 2.257 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

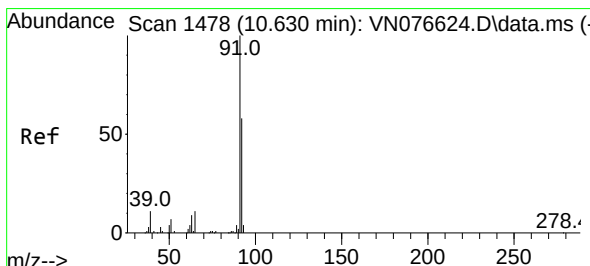
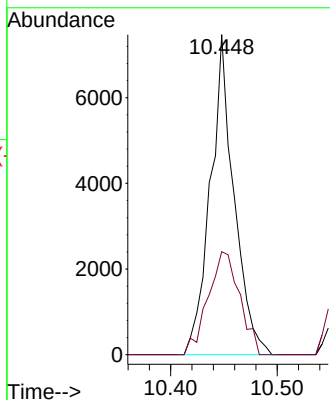
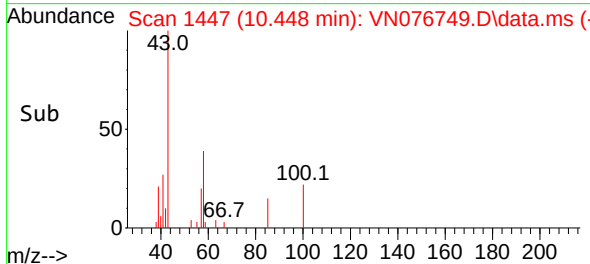
Instrument :
MSVOA_N
ClientSampleId :
MDL04



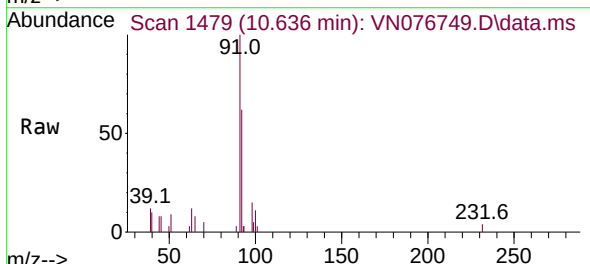
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 42.9 29.5 44.3

Manual Integrations
APPROVED

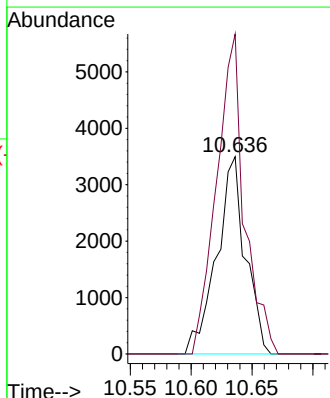
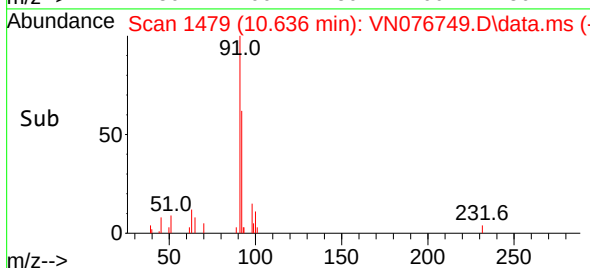
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

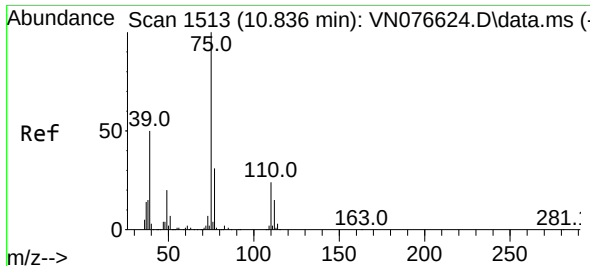


#52
Toluene
Concen: 0.663 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



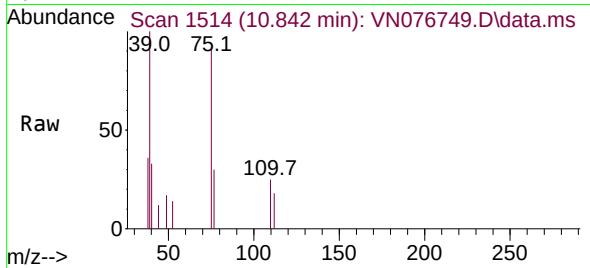
Tgt Ion: 92 Resp: 5758
Ion Ratio Lower Upper
92 100
91 156.9 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 0.431 ug/l
RT: 10.842 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

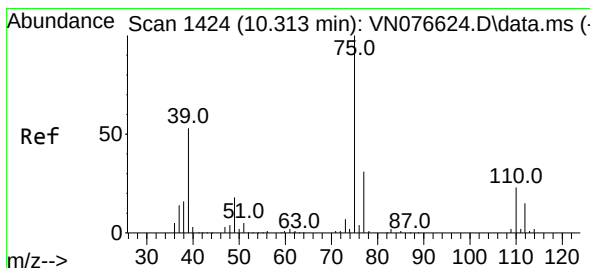
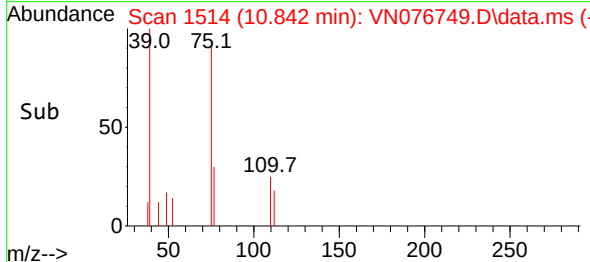
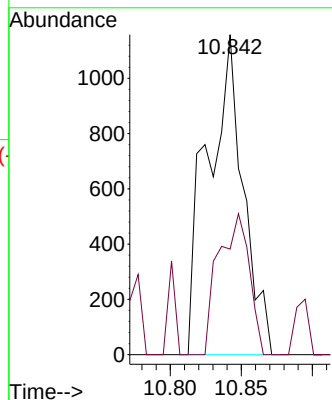
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 75 Resp: 203
Ion Ratio Lower Upper
75 100
77 33.0 24.6 37.0

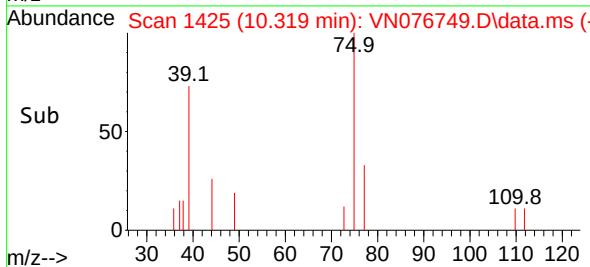
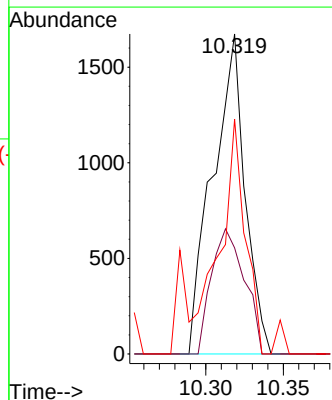
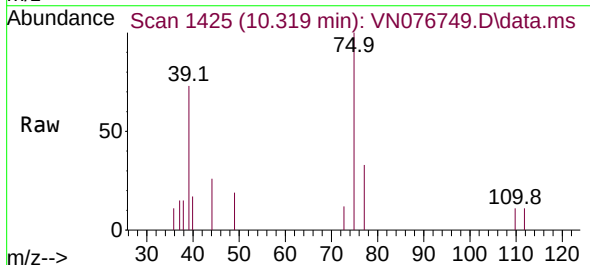
Manual Integrations
APPROVED

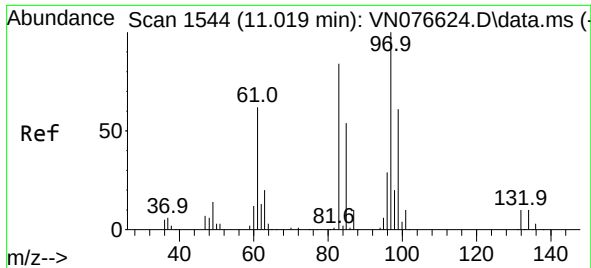
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#54
cis-1,3-Dichloropropene
Concen: 0.447 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

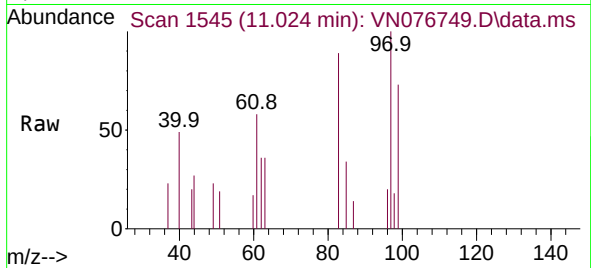
Tgt Ion: 75 Resp: 2429
Ion Ratio Lower Upper
75 100
77 33.2 25.1 37.7
39 62.8 42.3 63.5





#55
1,1,2-Trichloroethane
Concen: 0.509 ug/l
RT: 11.024 min Scan# 1544
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

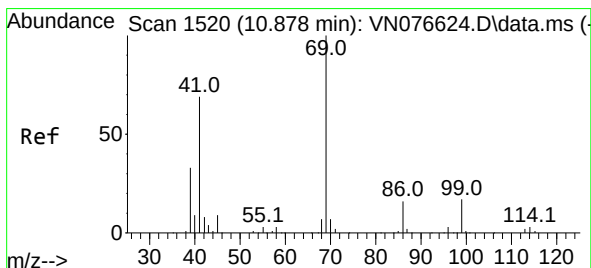
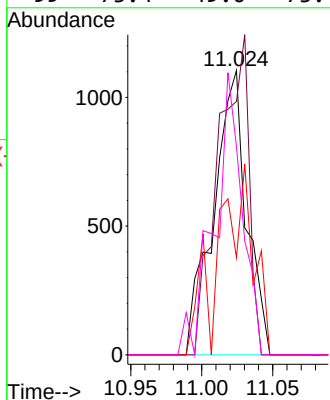
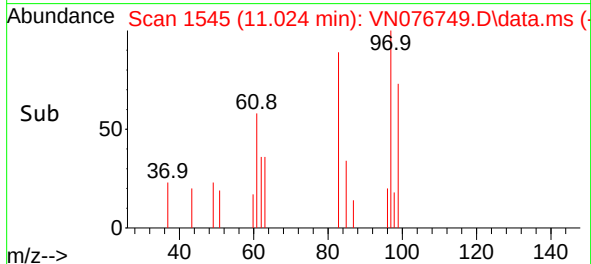


Tgt Ion: 97 Resp: 1800

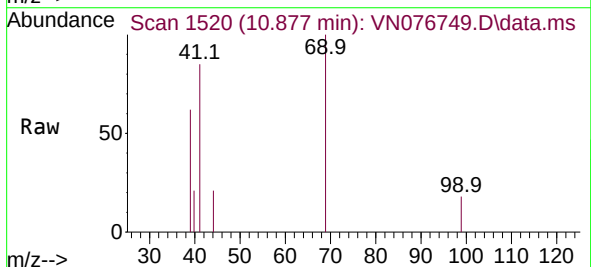
Ion	Ratio	Lower	Upper
97	100		
83	89.1	67.3	100.9
85	34.2	43.2	64.8
99	73.4	49.0	73.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

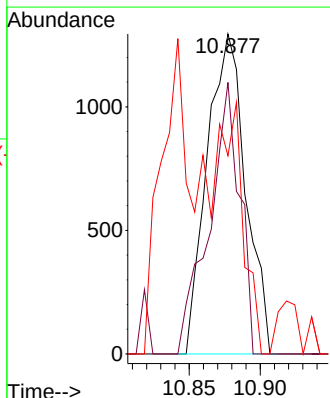
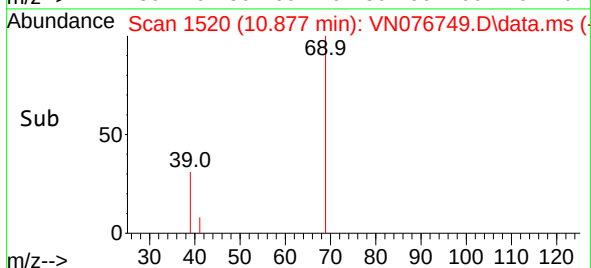


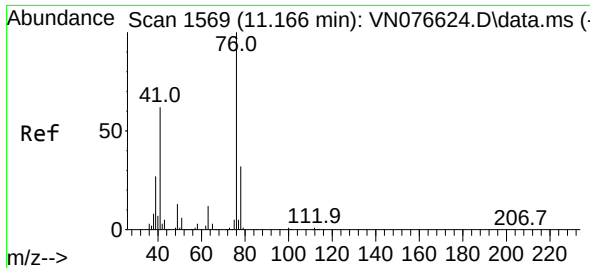
#56
Ethyl methacrylate
Concen: 0.492 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



Tgt Ion: 69 Resp: 2445

Ion	Ratio	Lower	Upper
69	100		
41	67.1	55.1	82.7
39	49.5	30.7	46.1





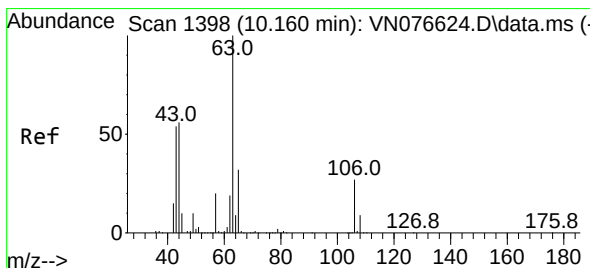
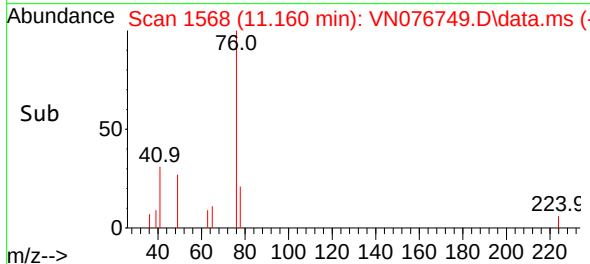
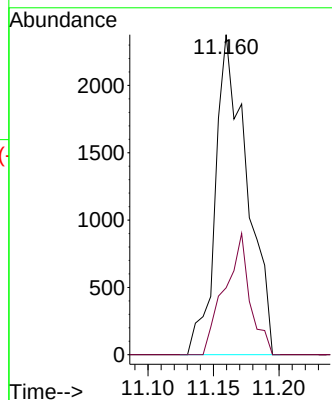
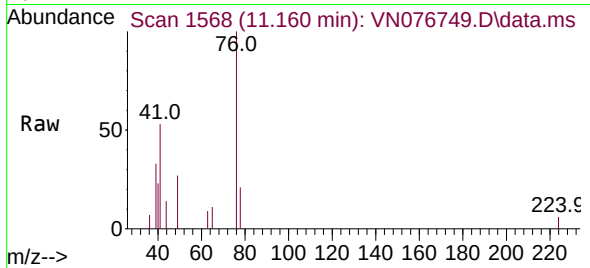
#57
1,3-Dichloropropane
Concen: 0.653 ug/l
RT: 11.160 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 76 Resp: 396
Ion Ratio Lower Upper
76 100
78 30.5 26.1 39.1

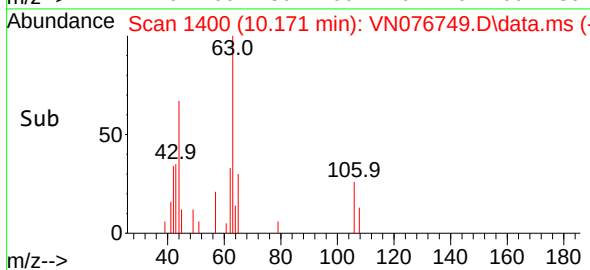
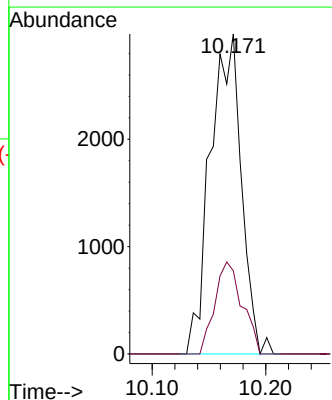
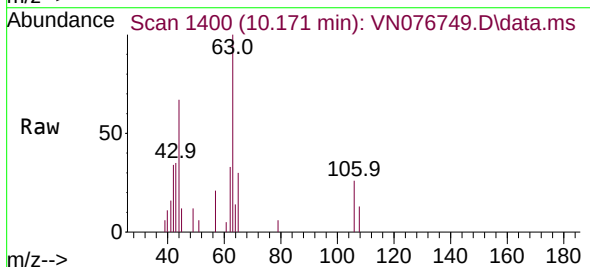
Manual Integrations
APPROVED

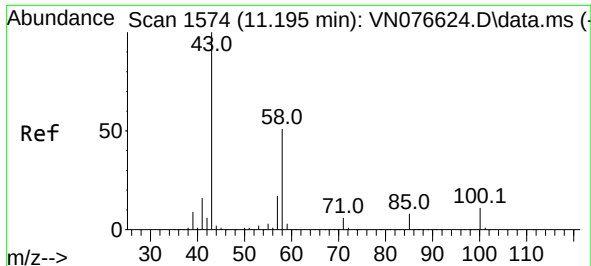
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 2.483 ug/l
RT: 10.171 min Scan# 1400
Delta R.T. 0.011 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 63 Resp: 5656
Ion Ratio Lower Upper
63 100
106 25.4 22.3 33.5





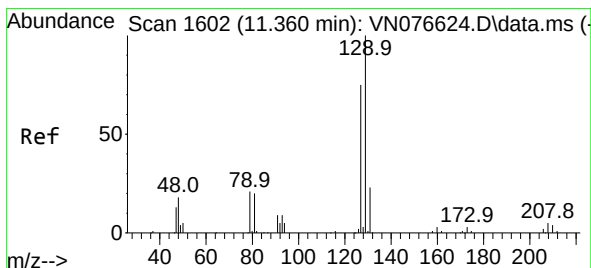
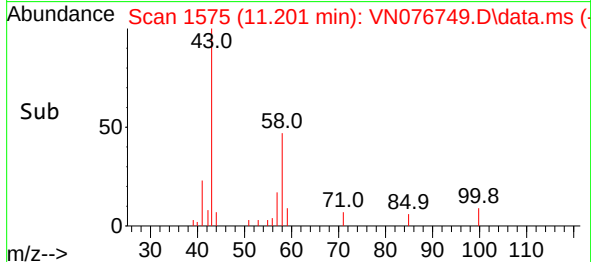
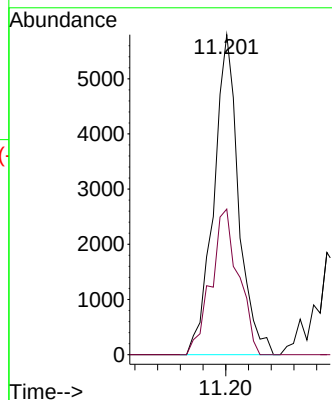
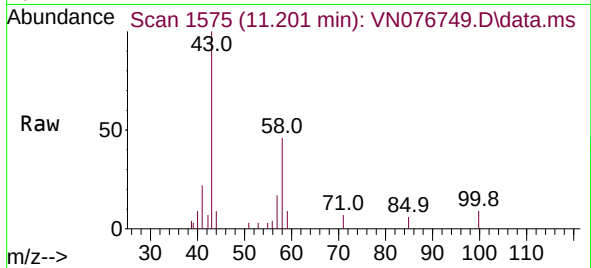
#59
2-Hexanone
Concen: 2.398 ug/l
RT: 11.201 min Scan# 111
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 43 Resp: 882
Ion Ratio Lower Upper
43 100
58 50.1 25.4 76.0

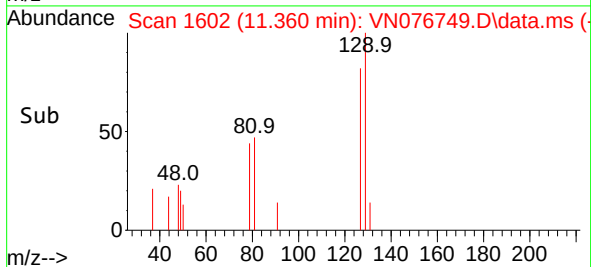
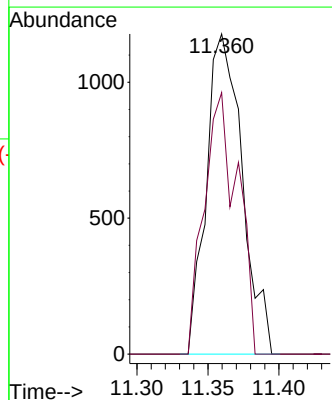
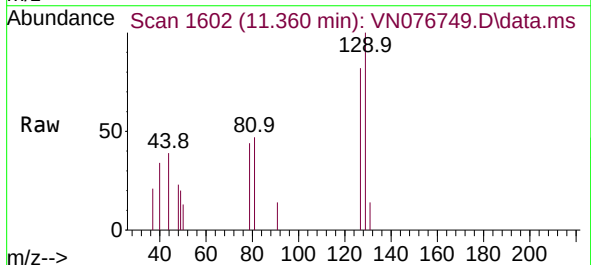
Manual Integrations
APPROVED

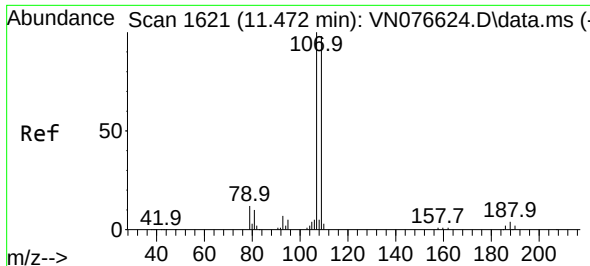
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#60
Dibromochloromethane
Concen: 0.556 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

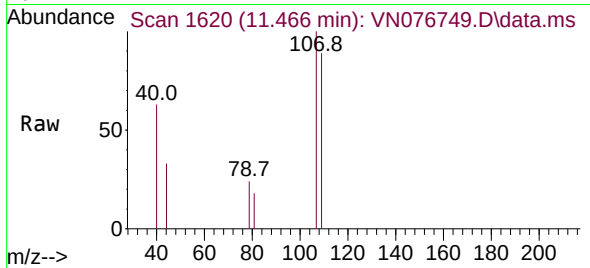
Tgt Ion:129 Resp: 2069
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 0.430 ug/l
RT: 11.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

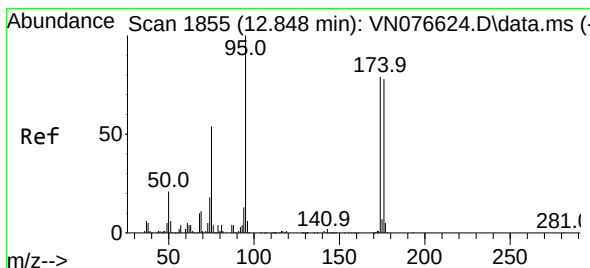
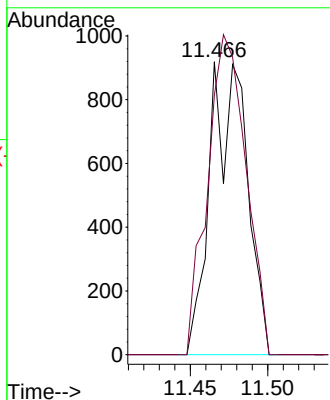
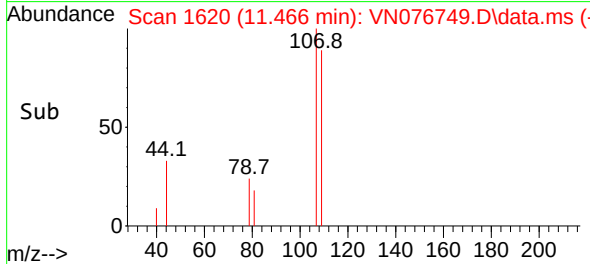
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion:107 Resp: 152
Ion Ratio Lower Upper
107 100
109 114.1 76.8 115.2

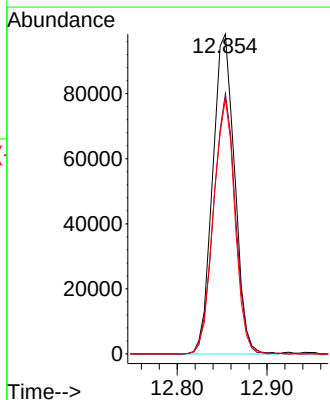
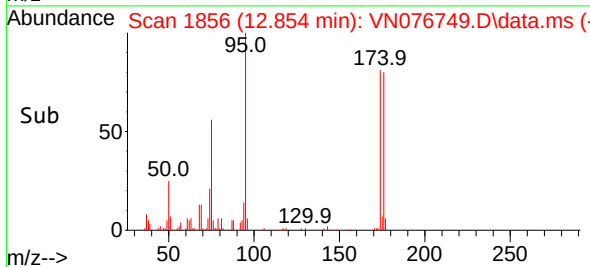
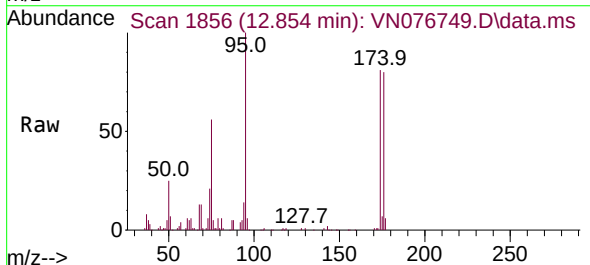
Manual Integrations
APPROVED

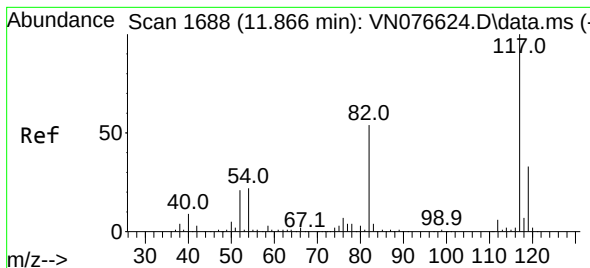
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#62
4-Bromofluorobenzene
Concen: 41.752 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 95 Resp: 167539
Ion Ratio Lower Upper
95 100
174 80.0 0.0 169.2
176 77.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

Tgt Ion:117 Resp: 43664

Ion Ratio Lower Upper

117 100

82 58.2 43.4 65.2

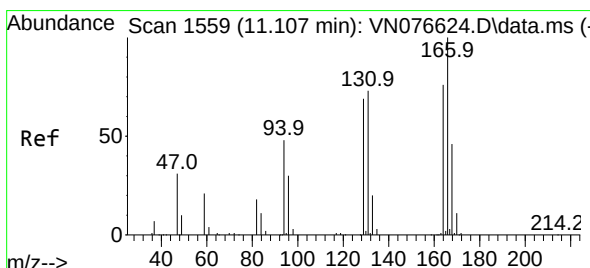
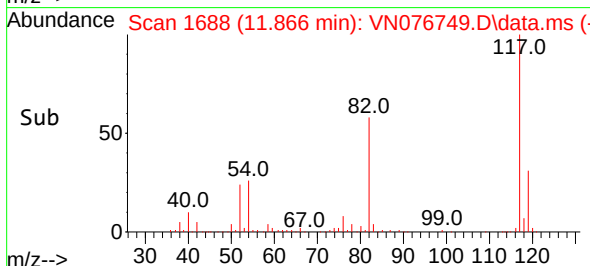
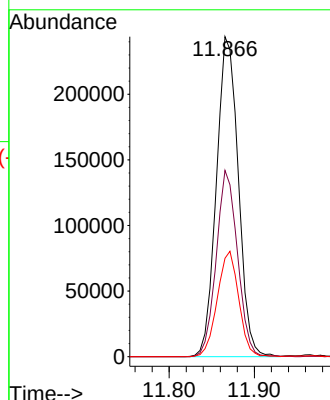
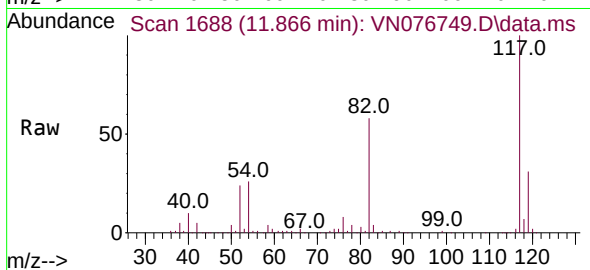
119 30.8 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#64

Tetrachloroethene

Concen: 0.732 ug/l

RT: 11.113 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Tgt Ion:164 Resp: 2015

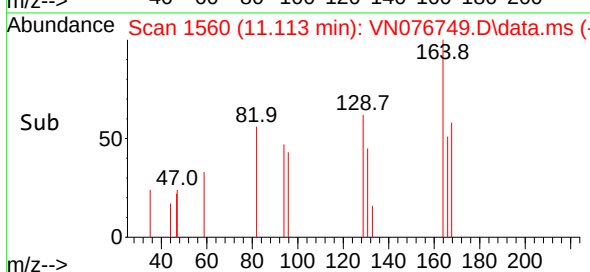
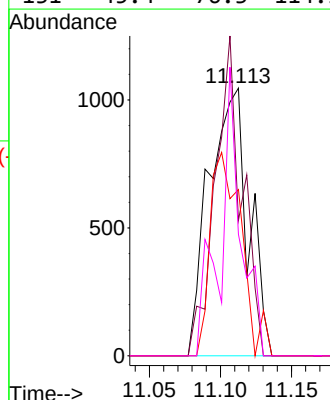
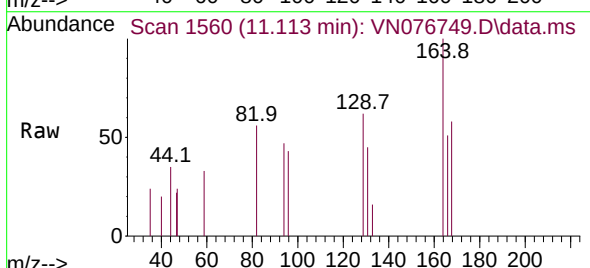
Ion Ratio Lower Upper

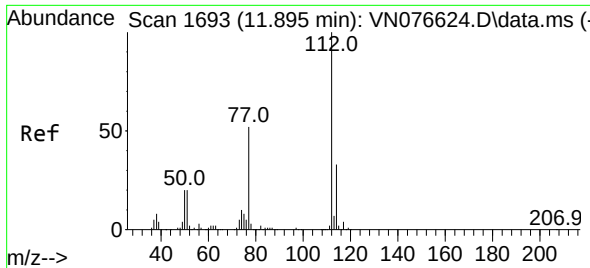
164 100

166 50.6 104.8 157.2#

129 62.1 72.2 108.2#

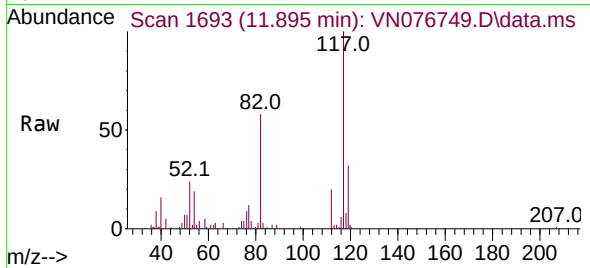
131 45.4 76.3 114.5#





#65
Chlorobenzene
Concen: 0.704 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

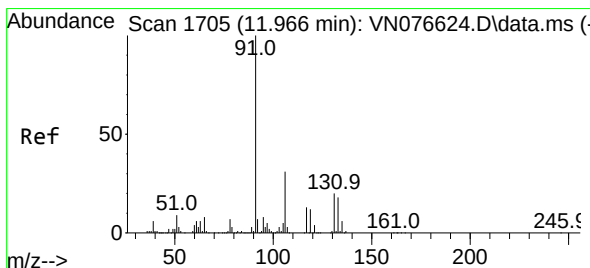
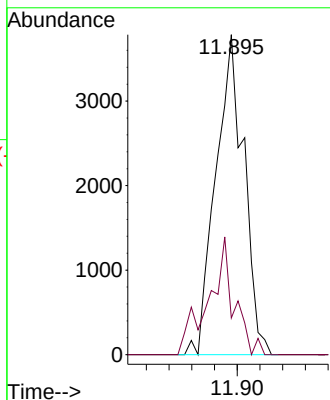
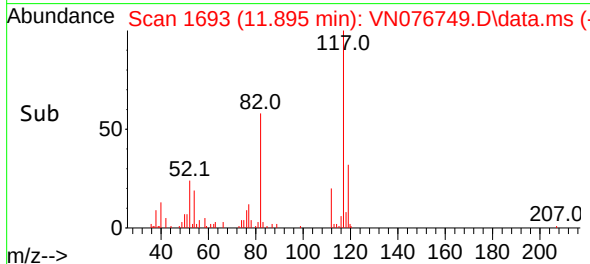
Instrument :
MSVOA_N
ClientSampleId :
MDL04



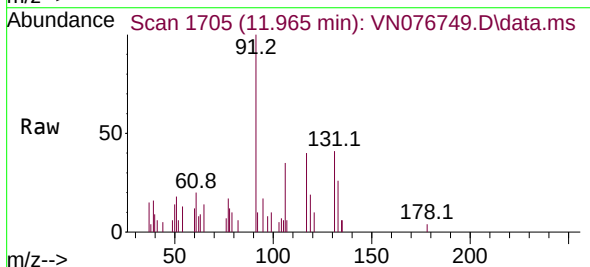
Tgt Ion:112 Resp: 651
Ion Ratio Lower Upper
112 100
114 11.4 26.4 39.6

Manual Integrations
APPROVED

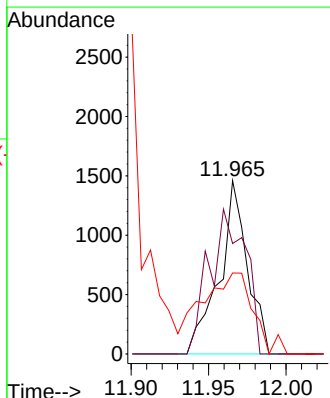
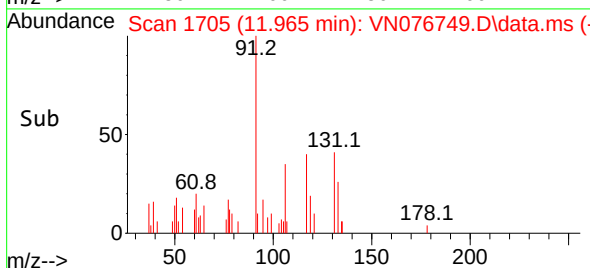
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

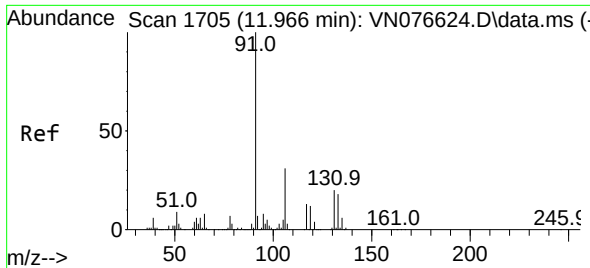


#66
1,1,1,2-Tetrachloroethane
Concen: 0.546 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



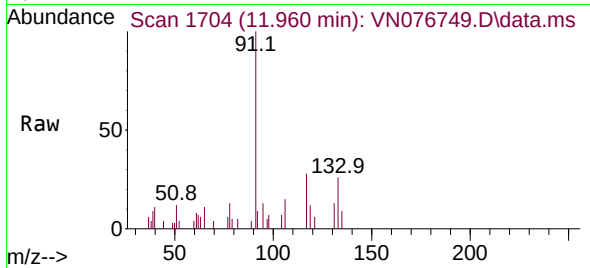
Tgt Ion:131 Resp: 1836
Ion Ratio Lower Upper
131 100
133 107.6 47.0 141.0
119 0.0 32.3 96.8





#67
Ethyl Benzene
Concen: 0.536 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

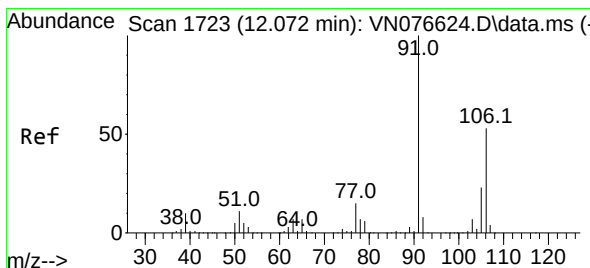
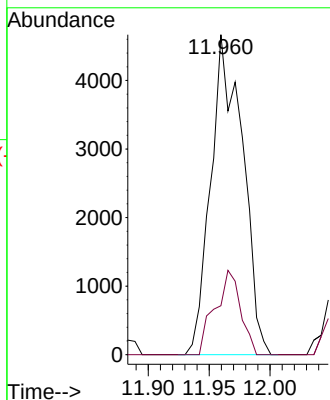
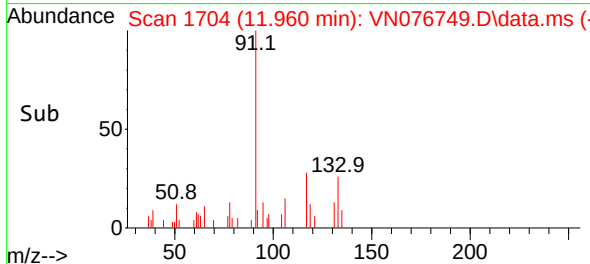
Instrument :
MSVOA_N
ClientSampleId :
MDL04



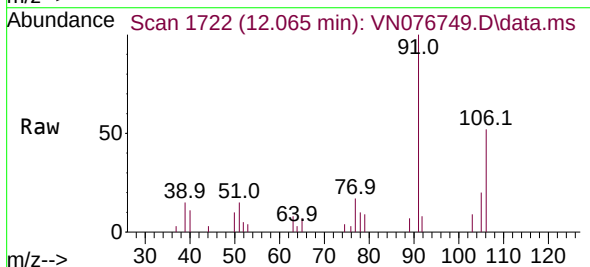
Tgt Ion: 91 Resp: 8458
Ion Ratio Lower Upper
91 100
106 15.3 25.1 37.7

Manual Integrations
APPROVED

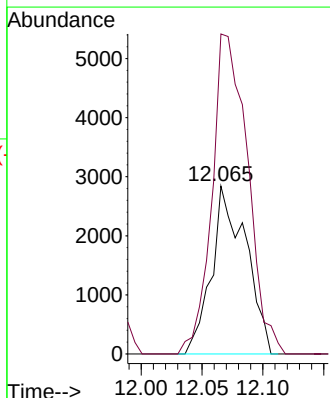
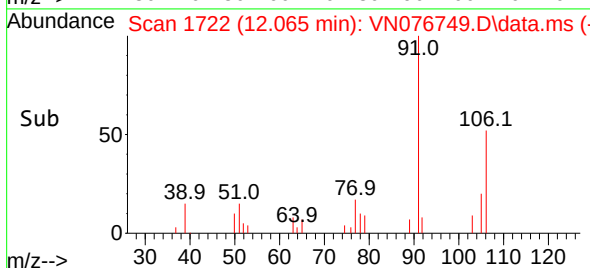
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

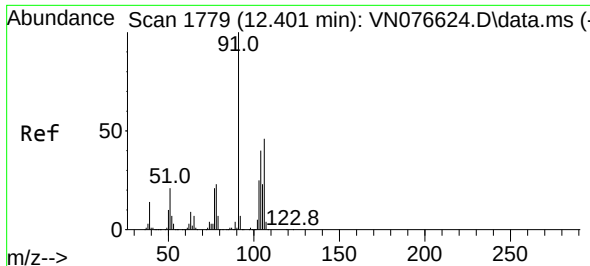


#68
m/p-Xylenes
Concen: 0.920 ug/l
RT: 12.065 min Scan# 1722
Delta R.T. -0.007 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



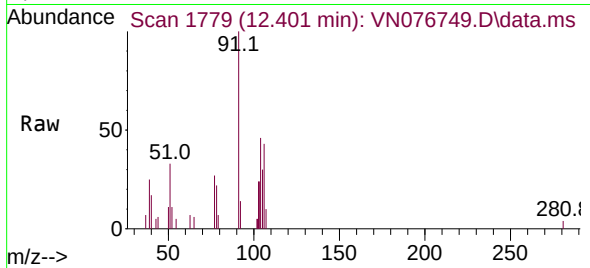
Tgt Ion:106 Resp: 5588
Ion Ratio Lower Upper
106 100
91 197.0 154.7 232.1





#69
o-Xylene
Concen: 0.458 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

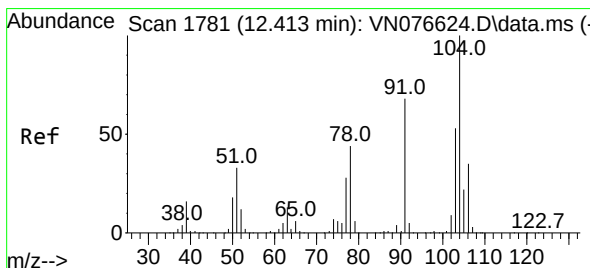
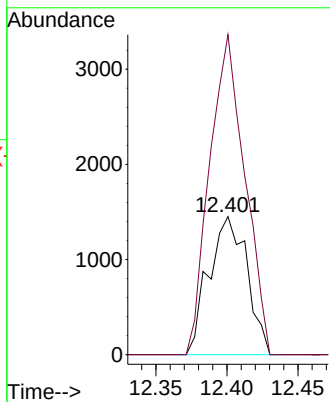
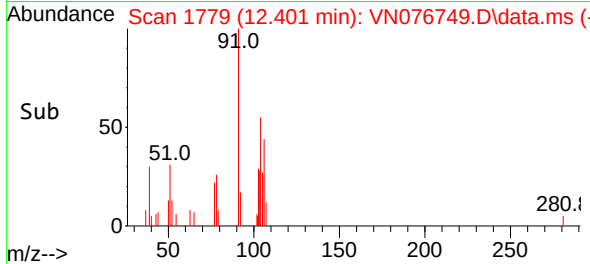
Instrument :
MSVOA_N
ClientSampleId :
MDL04



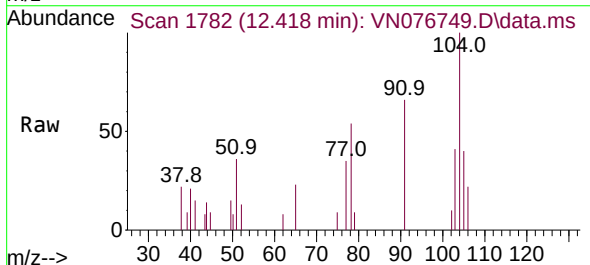
Tgt Ion:106 Resp: 271
Ion Ratio Lower Upper
106 100
91 214.2 105.8 317.4

Manual Integrations
APPROVED

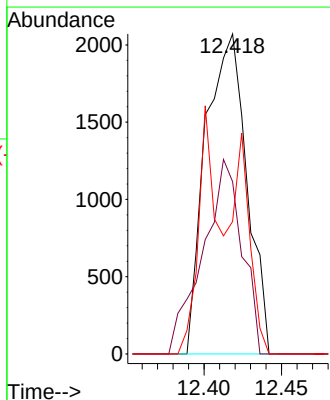
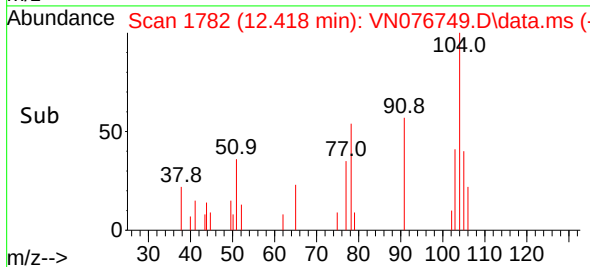
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

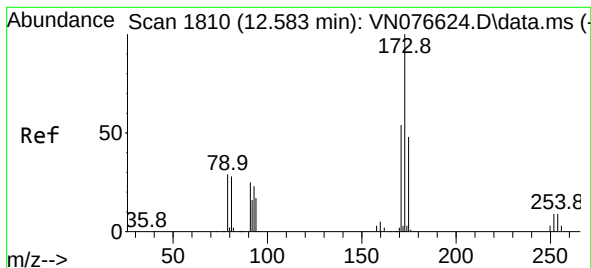


#70
Styrene
Concen: 0.398 ug/l
RT: 12.418 min Scan# 1782
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



Tgt Ion:104 Resp: 3817
Ion Ratio Lower Upper
104 100
78 57.6 38.2 57.4#
103 29.0 44.2 66.4#





#71

Bromoform

Concen: 0.485 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Instrument :

MSVOA_N

ClientSampleId :

MDL04

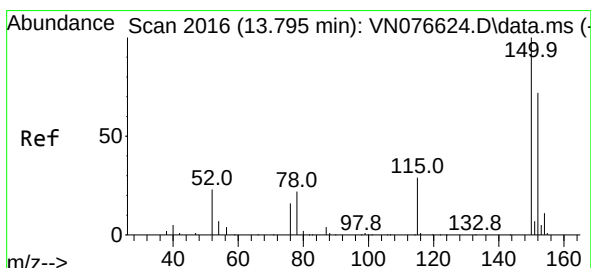
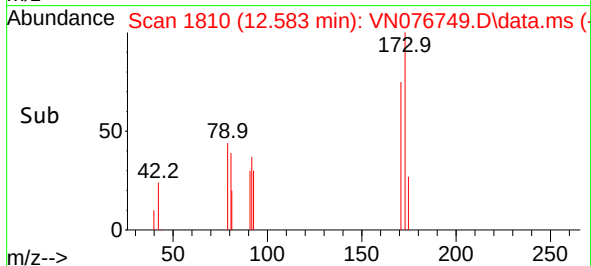
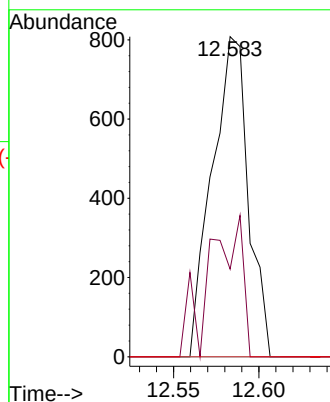
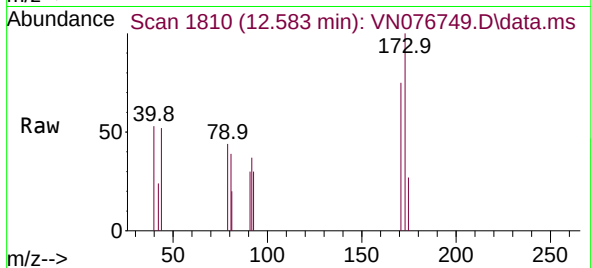
Tgt Ion:	173	Resp:	119
Ion Ratio	Lower	Upper	
173	100		
175	40.8	24.9	74.7
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2023

Supervised By :Mahesh Dadoda 02/22/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

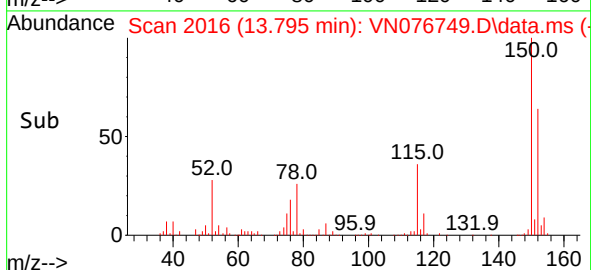
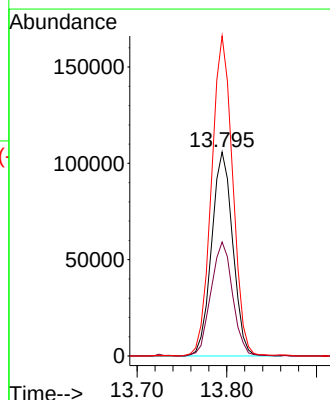
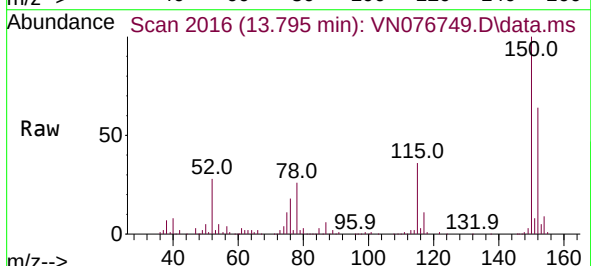
RT: 13.795 min Scan# 2016

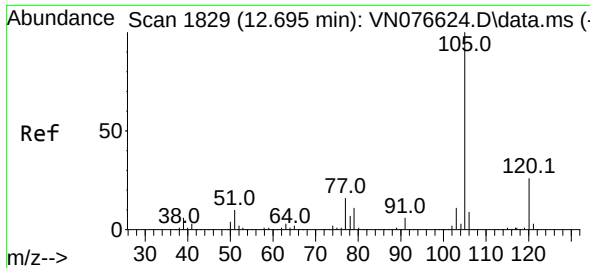
Delta R.T. -0.000 min

Lab File: VN076749.D

Acq: 21 Feb 2023 13:48

Tgt Ion:	152	Resp:	173114
Ion Ratio	Lower	Upper	
152	100		
115	57.4	29.3	87.9
150	157.3	0.0	349.8





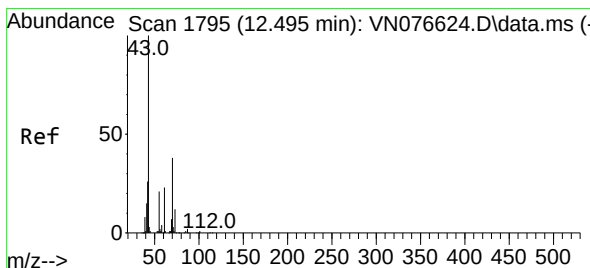
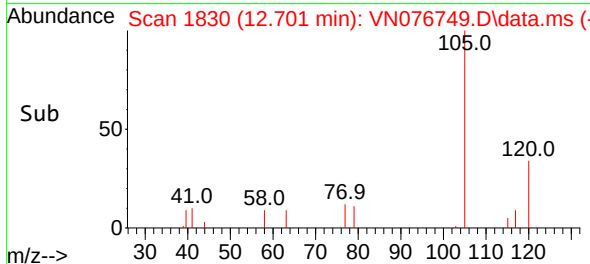
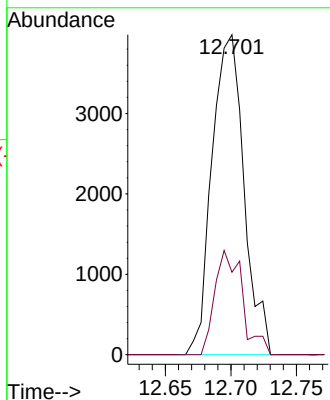
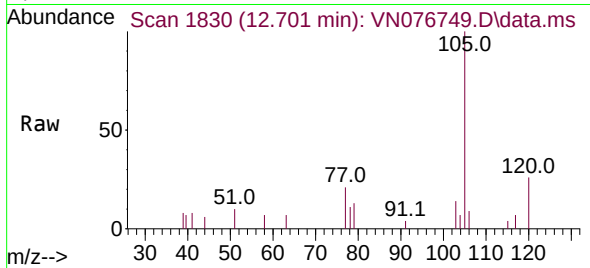
#73
Isopropylbenzene
Concen: 0.533 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion:105 Resp: 6762
Ion Ratio Lower Upper
105 100
120 28.1 13.7 41.0

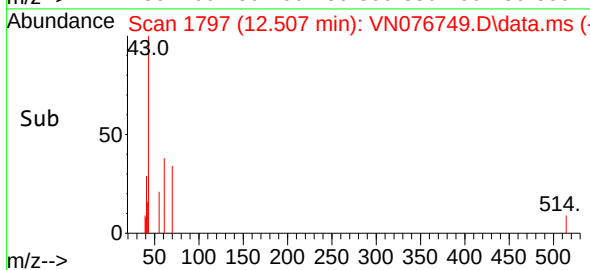
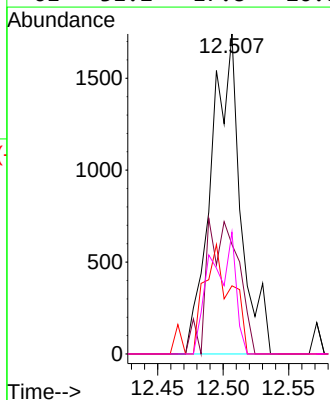
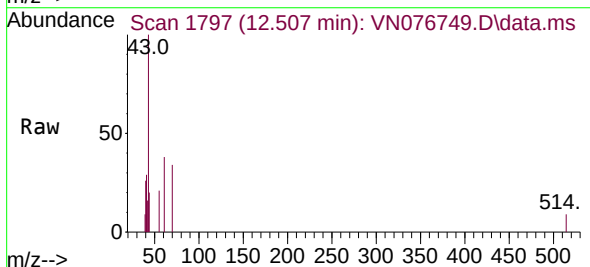
Manual Integrations
APPROVED

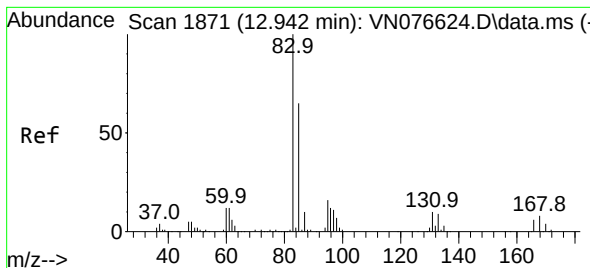
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#74
N-amy1 acetate
Concen: 0.478 ug/l
RT: 12.507 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

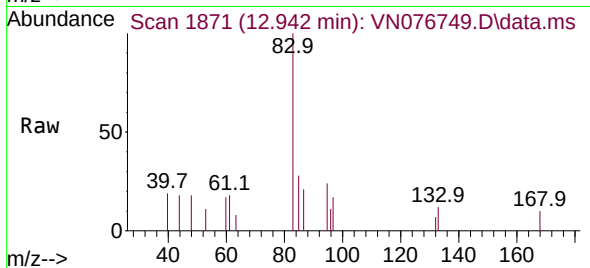
Tgt Ion: 43 Resp: 2732
Ion Ratio Lower Upper
43 100
70 44.7 30.5 45.7
55 31.1 17.8 26.8#
61 31.2 17.8 26.8#





#75
1,1,2,2-Tetrachloroethane
Concen: 0.717 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

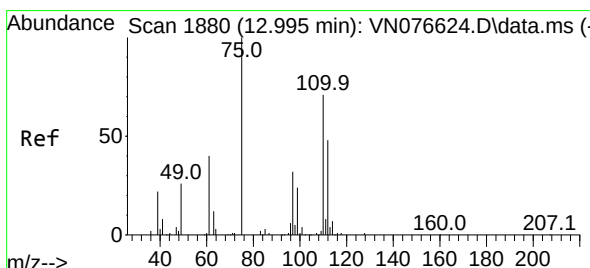
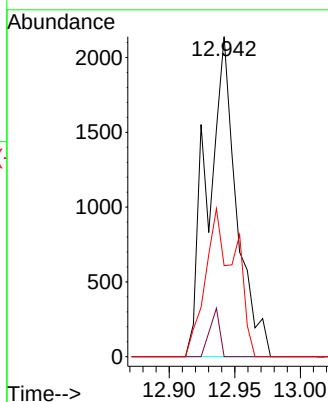
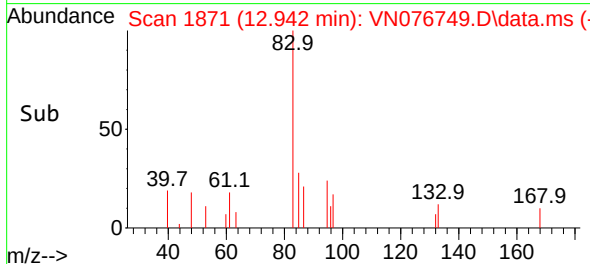
Instrument :
MSVOA_N
ClientSampleId :
MDL04



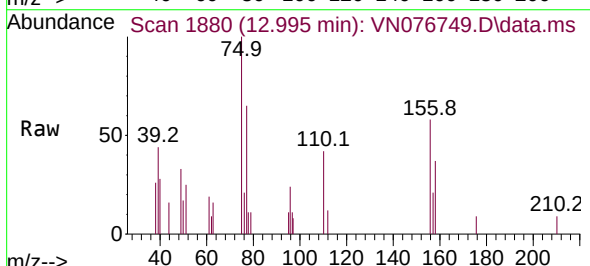
Tgt Ion: 83 Resp: 3298
Ion Ratio Lower Upper
83 100
131 5.2 5.0 15.0
85 47.5 31.8 95.3

Manual Integrations
APPROVED

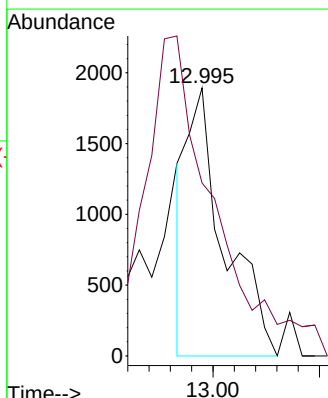
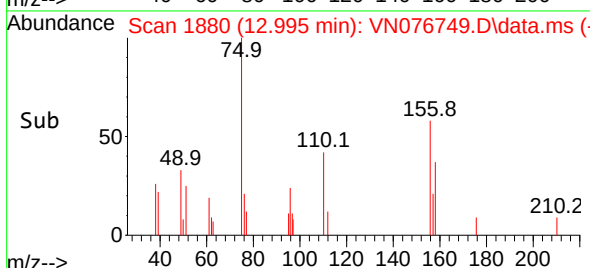
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

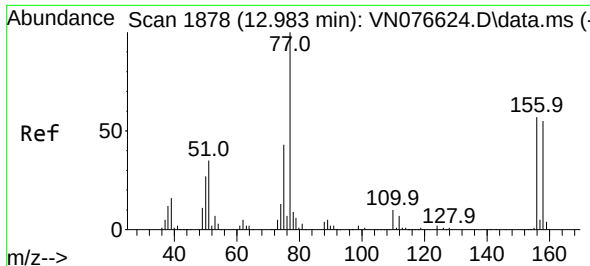


#76
1,2,3-Trichloropropane
Concen: 0.659 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



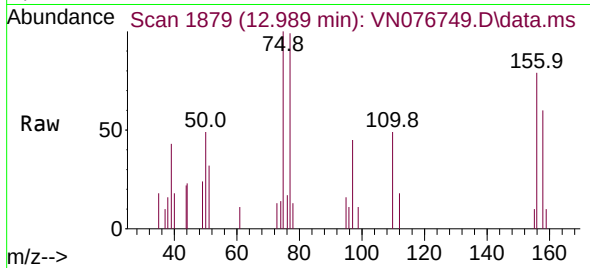
Tgt Ion: 75 Resp: 2308
Ion Ratio Lower Upper
75 100
77 217.2 93.1 279.3





#77
Bromobenzene
Concen: 0.661 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

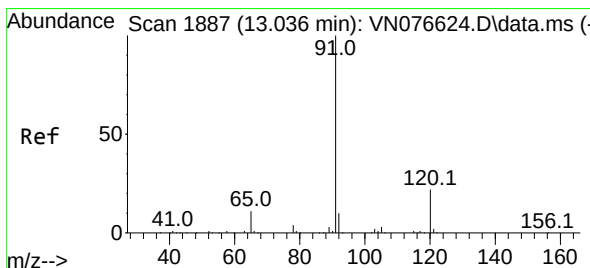
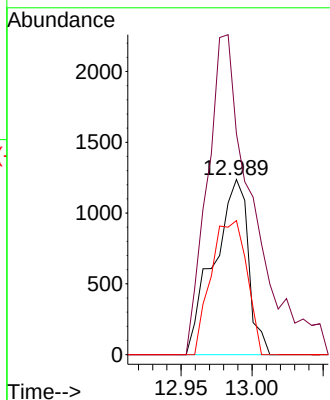
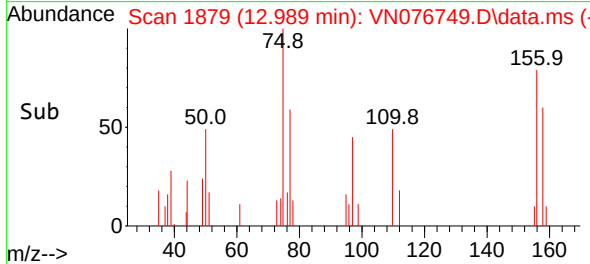
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion:156 Resp: 2092
Ion Ratio Lower Upper
156 100
77 239.6 102.8 308.4
158 79.2 48.9 146.6

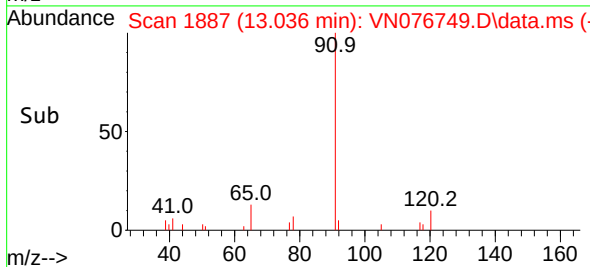
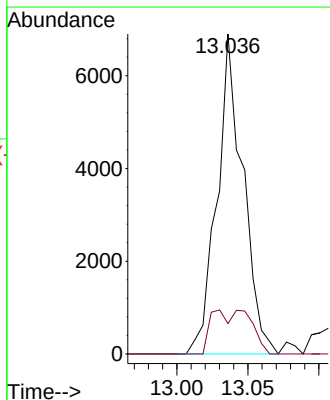
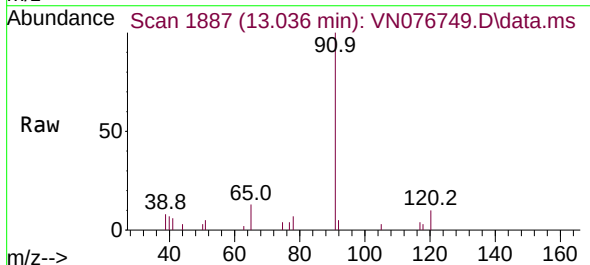
Manual Integrations
APPROVED

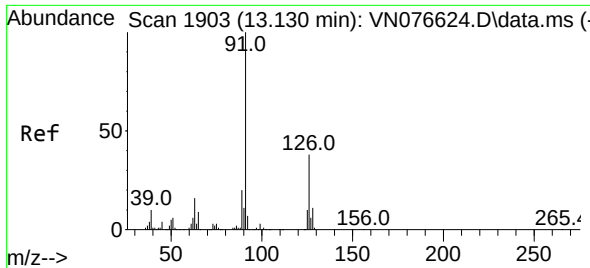
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#78
n-propylbenzene
Concen: 0.588 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 91 Resp: 8756
Ion Ratio Lower Upper
91 100
120 10.1 11.5 34.5#





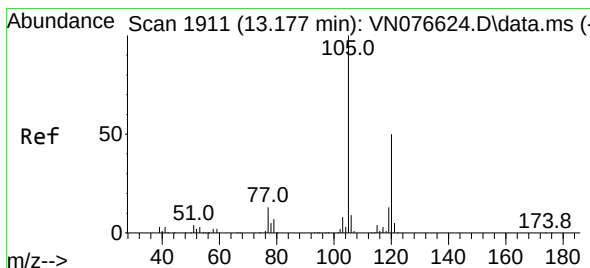
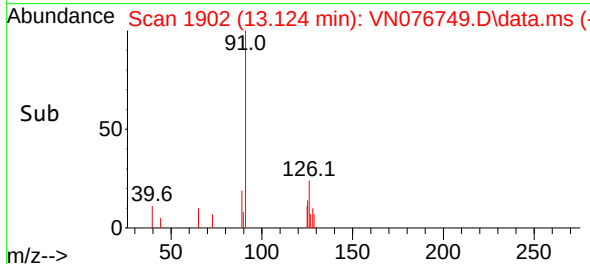
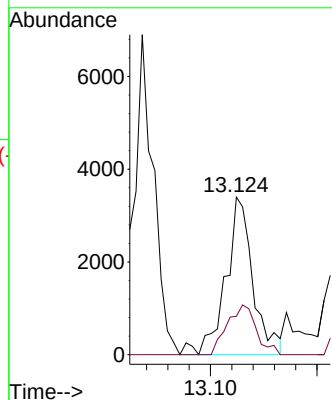
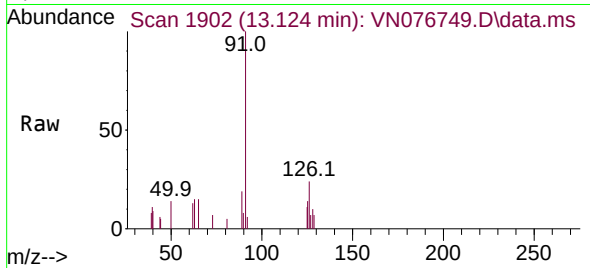
#79
2-Chlorotoluene
Concen: 0.664 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 6058
Ion Ratio Lower Upper
91 100
126 33.5 17.7 53.1

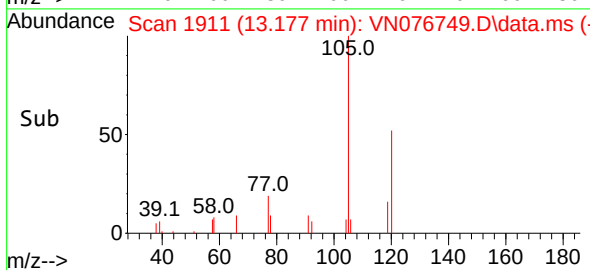
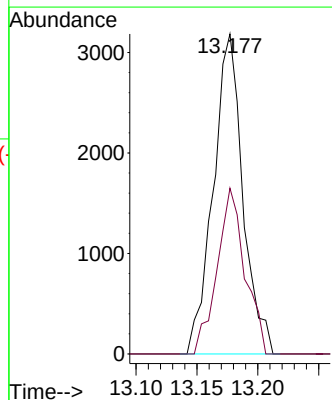
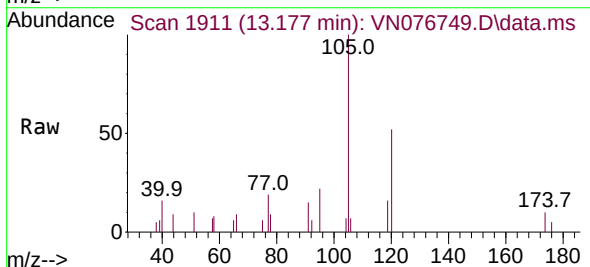
Manual Integrations
APPROVED

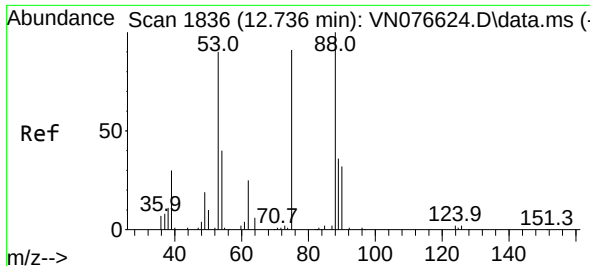
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 0.514 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

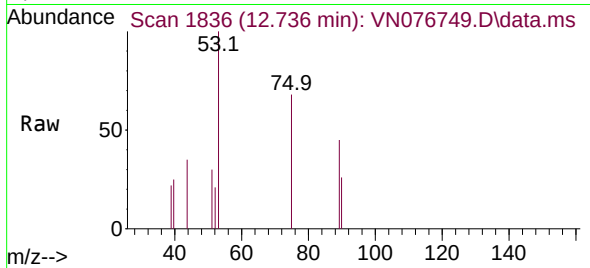
Tgt Ion:105 Resp: 5387
Ion Ratio Lower Upper
105 100
120 48.7 25.1 75.4





#81
trans-1,4-Dichloro-2-butene
Concen: 0.469 ug/l m
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

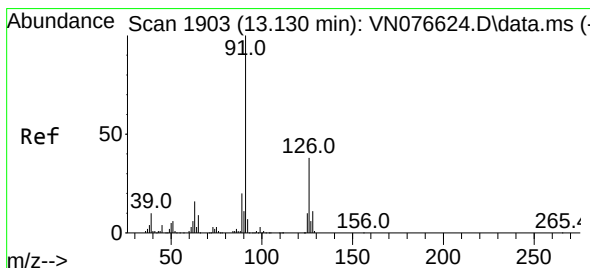
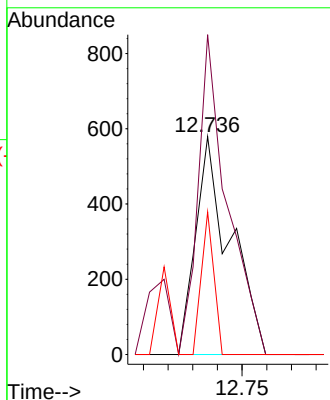
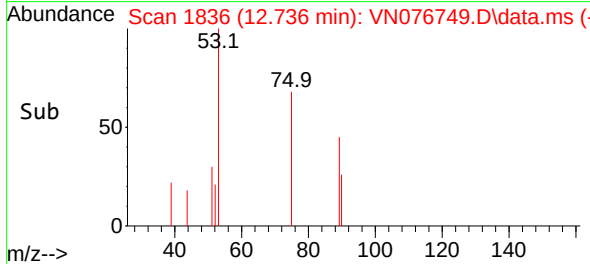
Instrument :
MSVOA_N
ClientSampleId :
MDL04



Tgt Ion: 75 Resp: 564
Ion Ratio Lower Upper
75 100
53 12.1 92.1 138.1
89 0.0 37.5 56.3

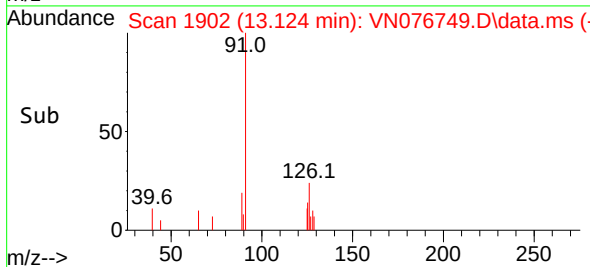
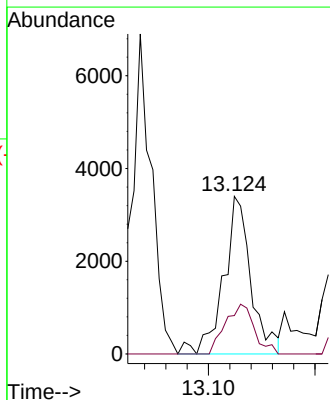
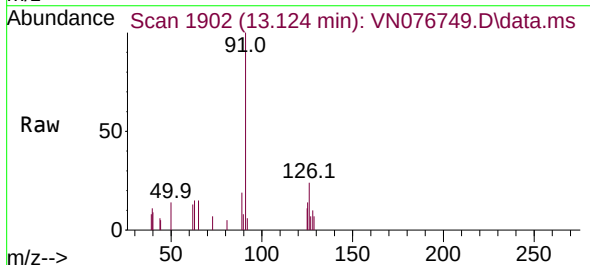
Manual Integrations
APPROVED

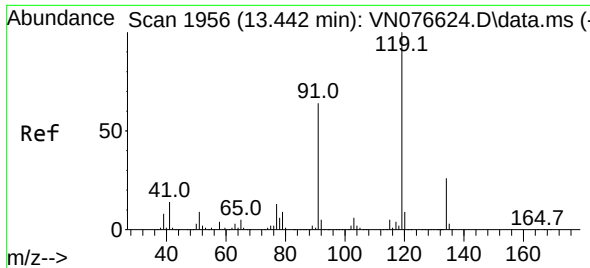
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#82
4-Chlorotoluene
Concen: 0.664 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion: 91 Resp: 6058
Ion Ratio Lower Upper
91 100
126 33.5 17.7 53.1





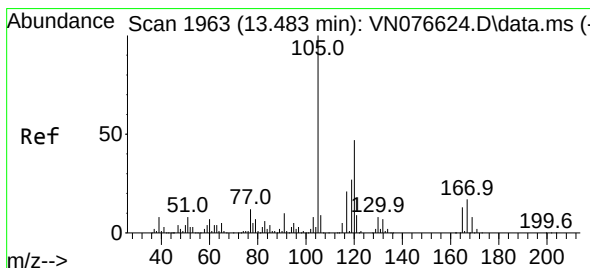
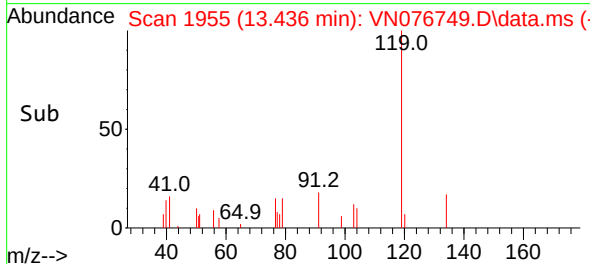
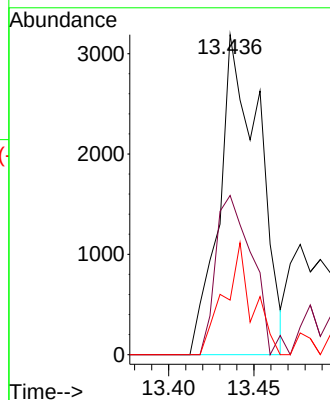
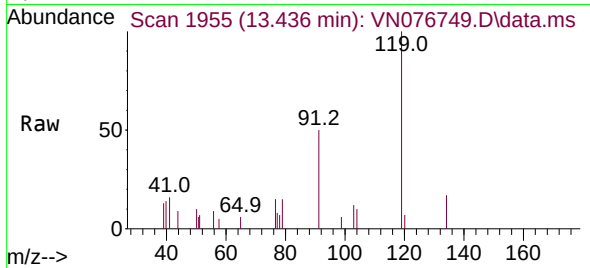
#83
tert-Butylbenzene
Concen: 0.550 ug/l
RT: 13.436 min Scan# 1955
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion:	119	Resp:	5219
Ion	Ratio	Lower	Upper
119	100		
91	45.5	32.0	96.2
134	24.7	13.8	41.4

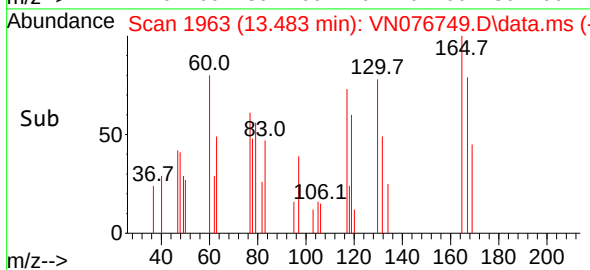
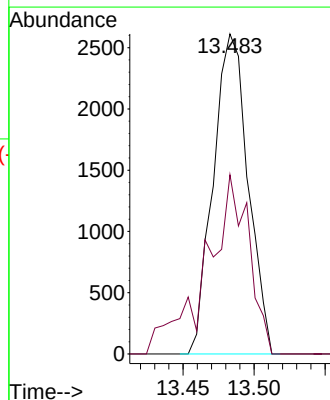
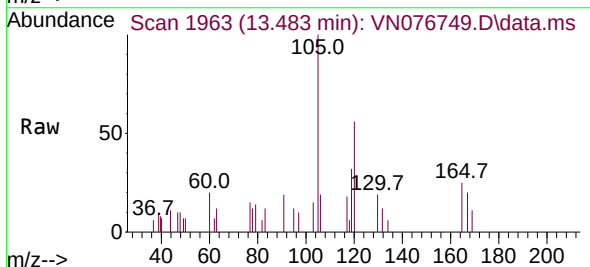
Manual Integrations
APPROVED

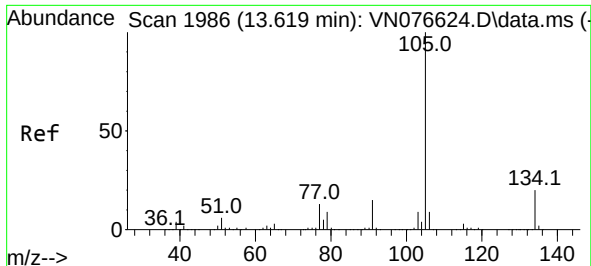
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 0.427 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:	105	Resp:	4458
Ion	Ratio	Lower	Upper
105	100		
120	69.2	23.0	69.0#





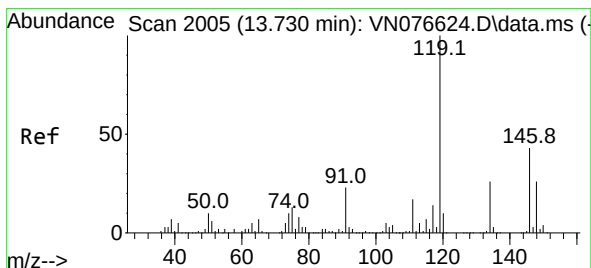
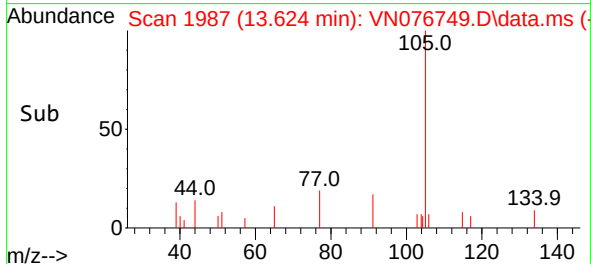
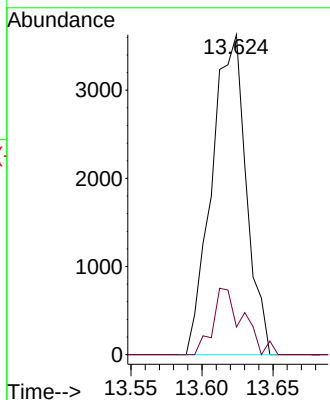
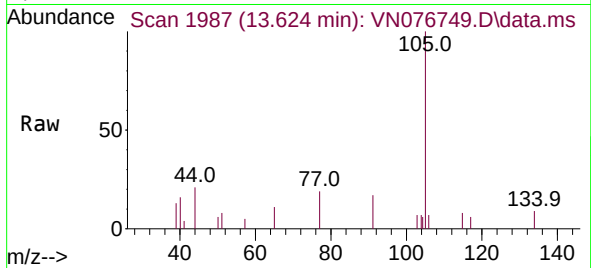
#85
 sec-Butylbenzene
 Concen: 0.462 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.005 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04

Tgt Ion:105 Resp: 6120
 Ion Ratio Lower Upper
 105 100
 134 18.2 10.5 31.5

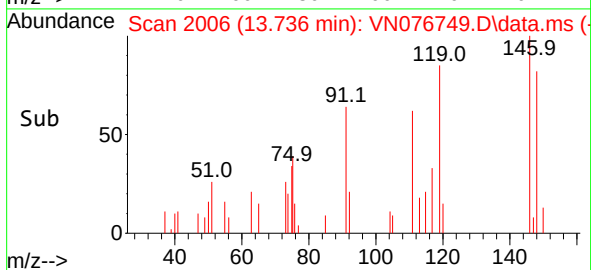
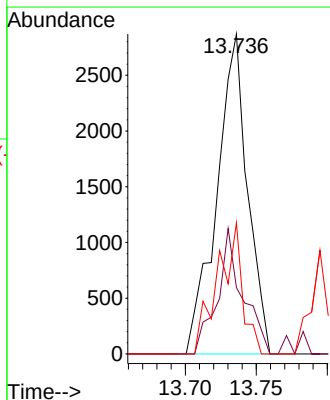
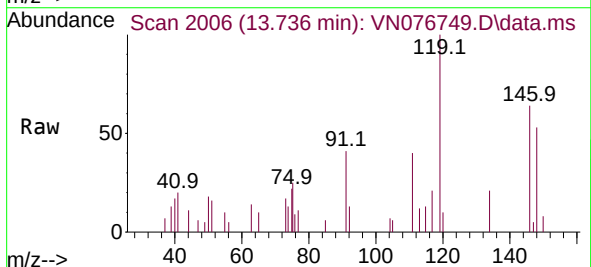
Manual Integrations
 APPROVED

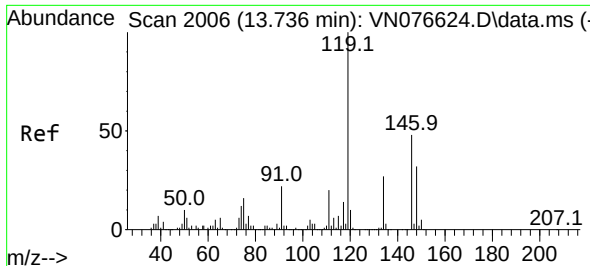
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023



#86
 p-Isopropyltoluene
 Concen: 0.410 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

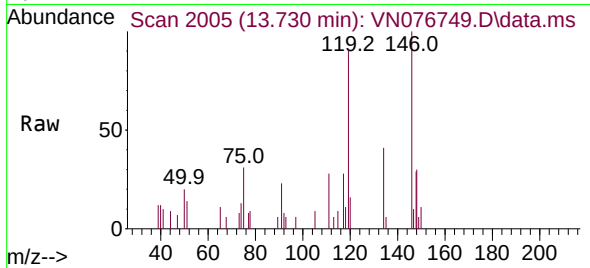
Tgt Ion:119 Resp: 4339
 Ion Ratio Lower Upper
 119 100
 134 32.1 13.4 40.1
 91 33.0 11.7 35.0





#87
 1,3-Dichlorobenzene
 Concen: 0.639 ug/l
 RT: 13.730 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48

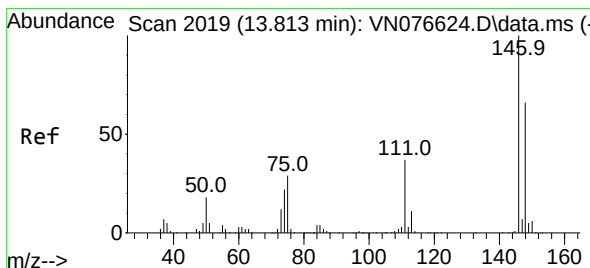
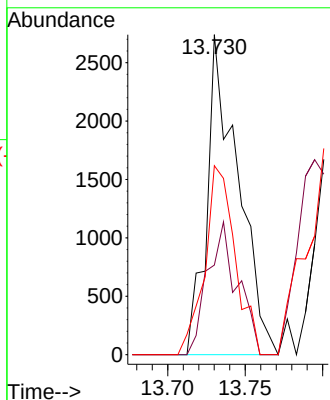
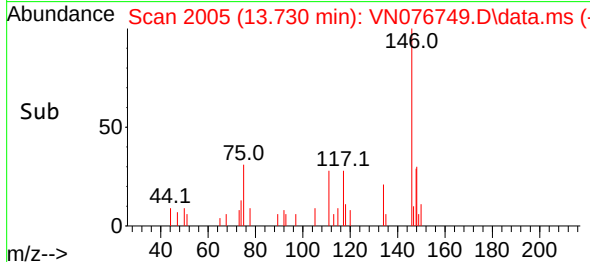
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL04



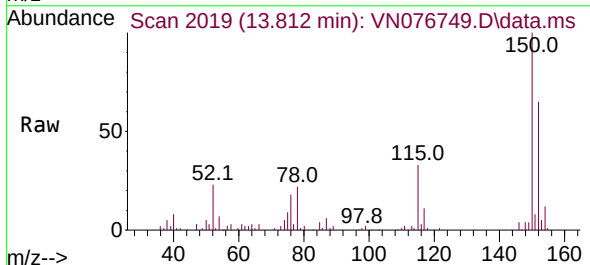
Tgt Ion:146 Resp: 382
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.4
 148 57.4 32.0 96.2

Manual Integrations
 APPROVED

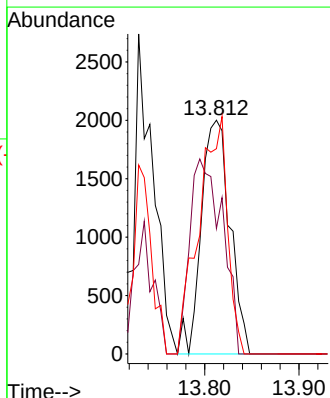
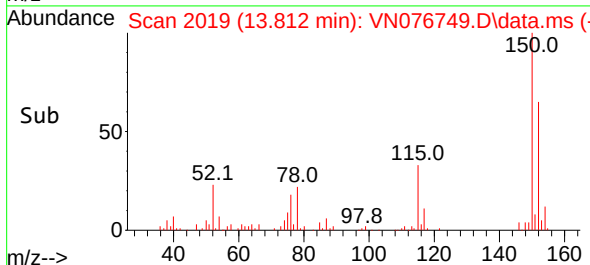
Reviewed By :John Carlone 02/22/2023
 Supervised By :Mahesh Dadoda 02/22/2023

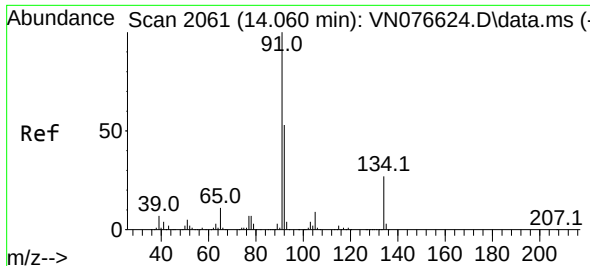


#88
 1,4-Dichlorobenzene
 Concen: 0.711 ug/l m
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN076749.D
 Acq: 21 Feb 2023 13:48



Tgt Ion:146 Resp: 4235
 Ion Ratio Lower Upper
 146 100
 111 35.9 19.4 58.1
 148 51.8 32.7 98.1





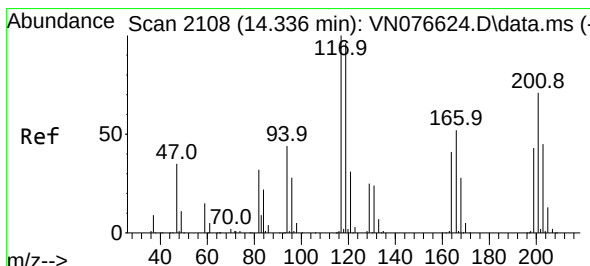
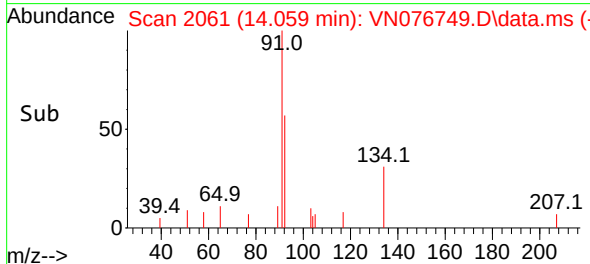
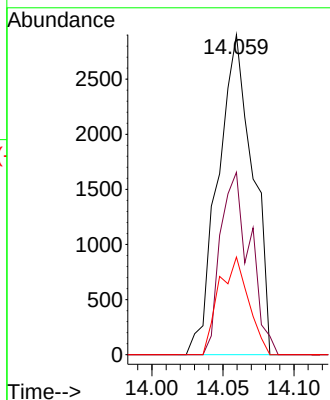
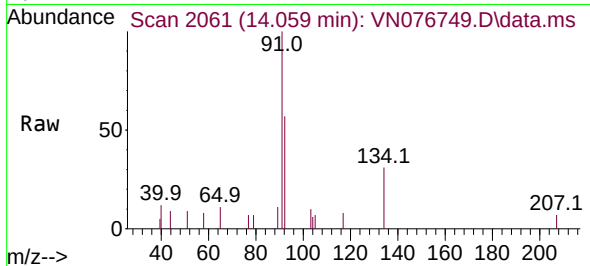
#89
n-Butylbenzene
Concen: 0.537 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion: 91 Resp: 4930
Ion Ratio Lower Upper
91 100
92 48.6 26.4 79.0
134 26.0 13.2 39.5

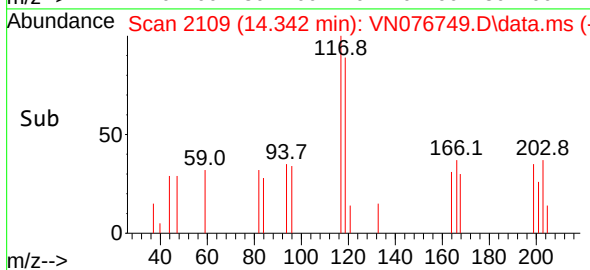
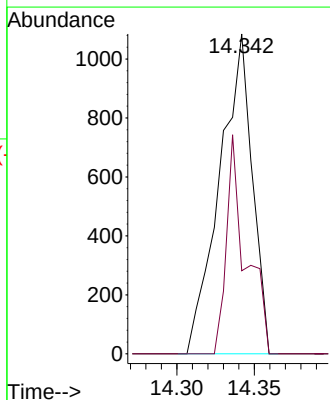
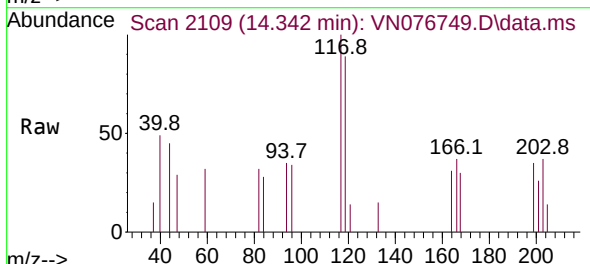
Manual Integrations
APPROVED

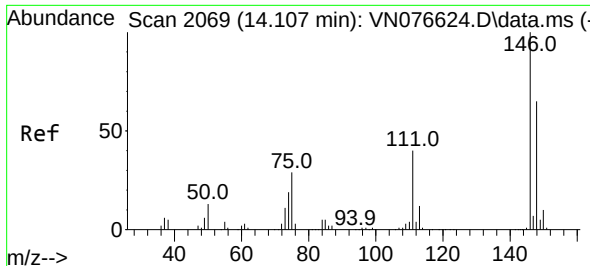
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#90
Hexachloroethane
Concen: 0.717 ug/l
RT: 14.342 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Tgt Ion:117 Resp: 1587
Ion Ratio Lower Upper
117 100
201 40.6 35.5 106.7





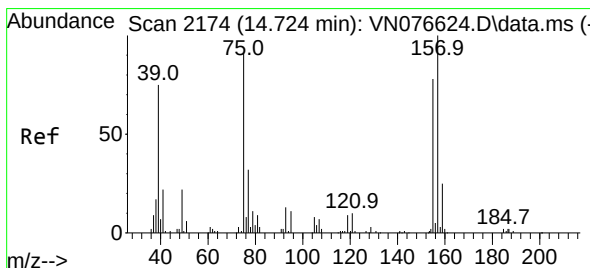
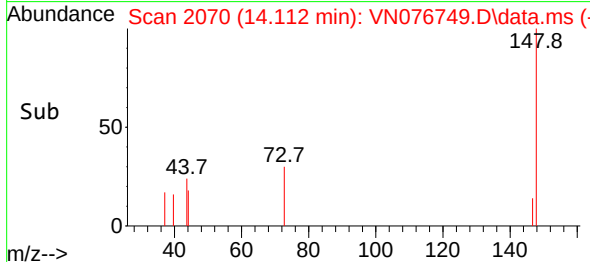
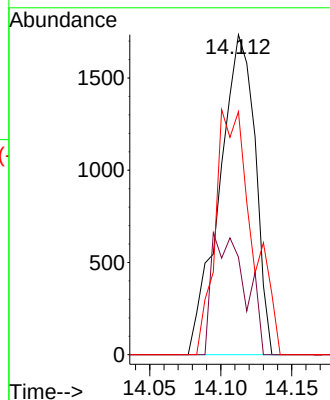
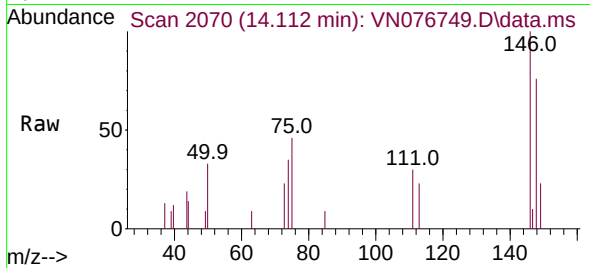
#91
1,2-Dichlorobenzene
Concen: 0.494 ug/l
RT: 14.112 min Scan# 2069
Delta R.T. 0.005 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

Instrument :
MSVOA_N
ClientSampleId :
MDL04

Tgt Ion:146 Resp: 3028
Ion Ratio Lower Upper
146 100
111 35.3 20.0 59.9
148 79.0 32.4 97.2

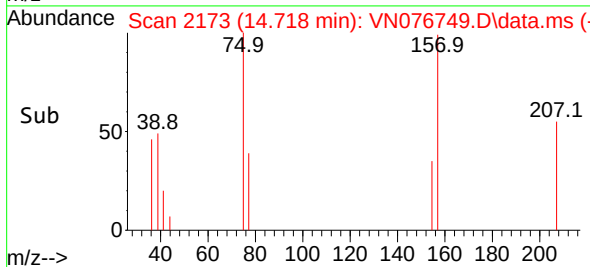
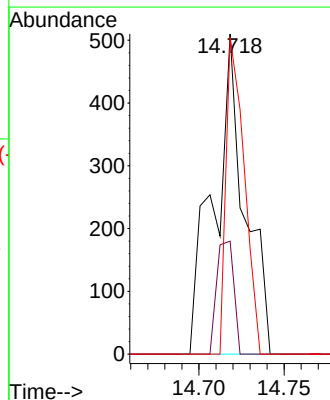
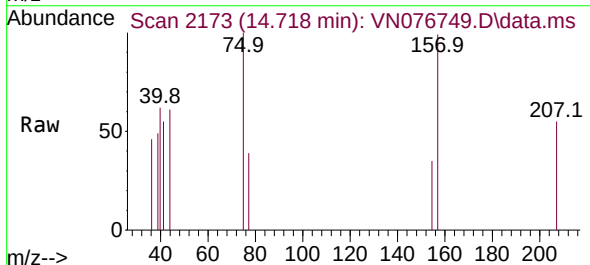
Manual Integrations
APPROVED

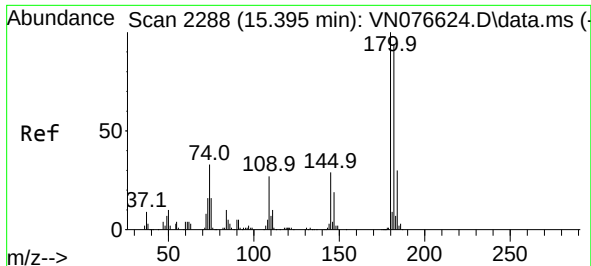
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.720 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

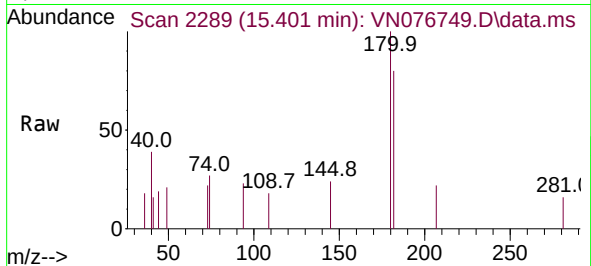
Tgt Ion: 75 Resp: 641
Ion Ratio Lower Upper
75 100
155 19.5 43.4 130.2#
157 58.5 55.2 165.6





#93
1,2,4-Trichlorobenzene
Concen: 0.502 ug/l
RT: 15.401 min Scan# 2288
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

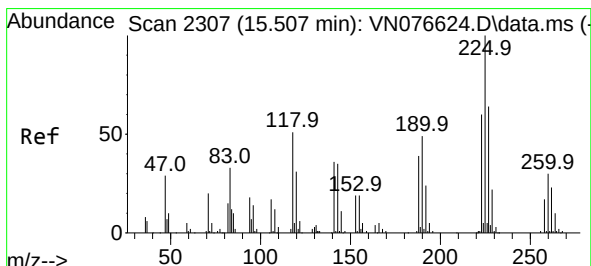
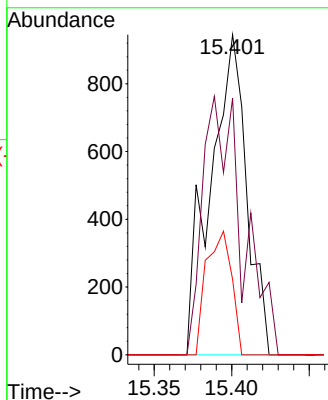
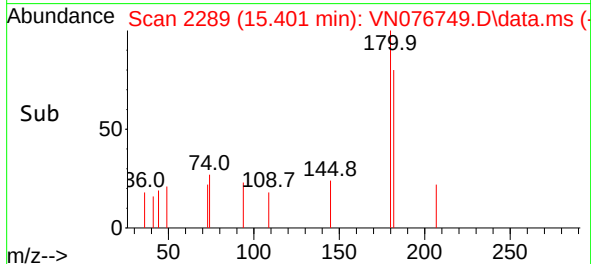
Instrument :
MSVOA_N
ClientSampleId :
MDL04



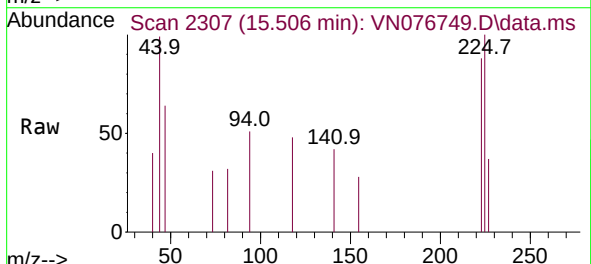
Tgt Ion:180 Resp: 1530
Ion Ratio Lower Upper
180 100
182 88.3 48.0 144.0
145 26.9 15.2 45.6

Manual Integrations
APPROVED

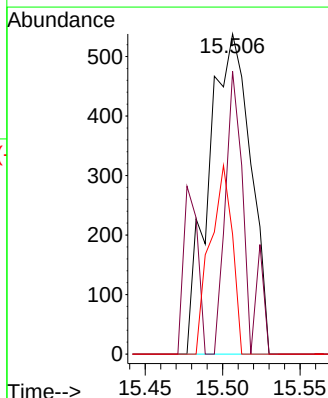
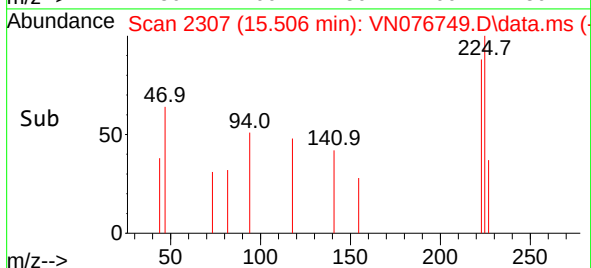
Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

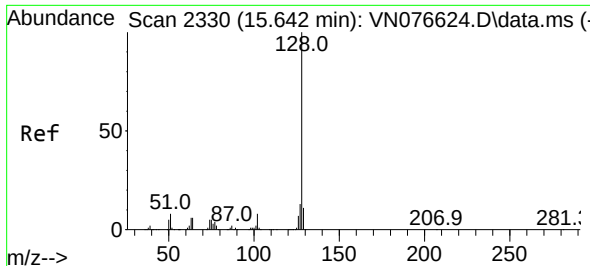


#94
Hexachlorobutadiene
Concen: 0.674 ug/l
RT: 15.506 min Scan# 2307
Delta R.T. -0.001 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



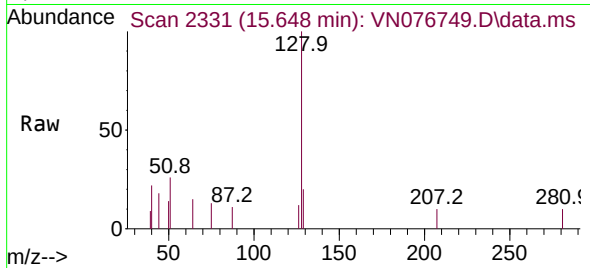
Tgt Ion:225 Resp: 1011
Ion Ratio Lower Upper
225 100
223 41.1 31.6 95.0
227 31.1 31.3 93.9#





#95
Naphthalene
Concen: 0.319 ug/l
RT: 15.648 min Scan# 2330
Delta R.T. 0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48

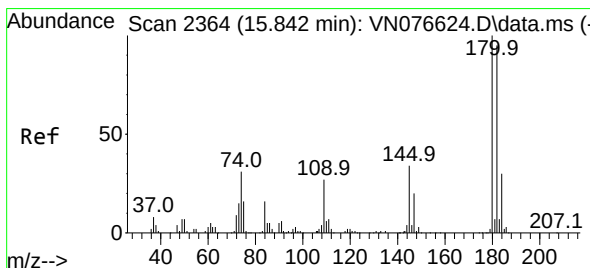
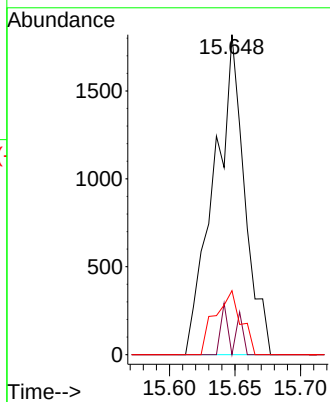
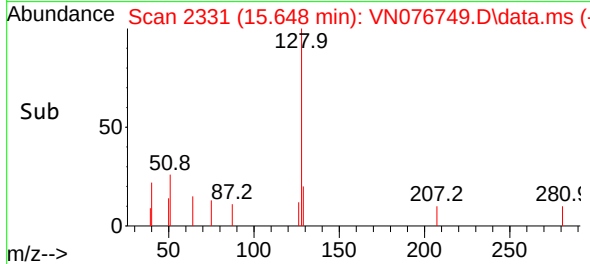
Instrument :
MSVOA_N
ClientSampleId :
MDL04



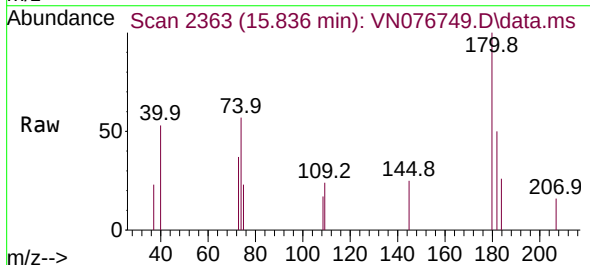
Tgt Ion:128 Resp: 2958
Ion Ratio Lower Upper
128 100
127 6.4 10.6 16.0
129 17.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023



#96
1,2,3-Trichlorobenzene
Concen: 0.460 ug/l
RT: 15.836 min Scan# 2363
Delta R.T. -0.006 min
Lab File: VN076749.D
Acq: 21 Feb 2023 13:48



Tgt Ion:180 Resp: 1365
Ion Ratio Lower Upper
180 100
182 124.0 46.7 140.1
145 14.2 16.0 47.9

