

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011022\
 Data File : VW024322.D
 Acq On : 10 Jan 2022 14:01
 Operator : SY/MD
 Sample : MDL07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

Quant Time: Jan 11 02:01:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR010422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 11 01:51:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	98218	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	99906	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	54929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29862	3.743	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.568	69	28056	4.474	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.108	63	47607	3.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.912	46	49452m	47.690	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.380%
24) Chloroform-d	4.343	84	69426	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.031	65	34755	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.047	84	125710	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.066	67	35589	4.893	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.313	98	114960	4.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.622	79	14238	4.273	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.092	63	46962	45.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.200%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24939	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49107	5.147	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	2681	0.217	ug/L	92
3) Chloromethane	1.240	50	2039	0.247	ug/L	86
5) Vinyl chloride	1.311	62	2364	0.260	ug/L #	62
6) Bromomethane	1.523	94	1181	0.196	ug/L #	70
8) Chloroethane	1.587	64	1487	0.260	ug/L	98
9) Trichlorofluoromethane	1.754	101	3951	0.219	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	2716	0.299	ug/L	91
12) 1,1-Dichloroethene	2.114	96	2153	0.278	ug/L #	1
13) Acetone	2.198	43	2363m	2.370	ug/L	
14) Carbon disulfide	2.294	76	3982	0.218	ug/L	95
15) Methyl Acetate	2.449	43	379m	0.181	ug/L	
16) Methylene chloride	2.507	84	3663	0.308	ug/L	95
17) Methyl tert-butyl Ether	2.773	73	4003	0.215	ug/L #	71
18) trans-1,2-Dichloroethene	2.761	96	1802	0.218	ug/L	89
19) 1,1-Dichloroethane	3.195	63	3437	0.234	ug/L	90
21) 2-Butanone	4.037	43	2821m	2.086	ug/L	
22) cis-1,2-Dichloroethene	3.918	96	2143	0.236	ug/L	72
23) Bromochloromethane	4.253	128	843	0.209	ug/L	86
25) Chloroform	4.362	83	4879	0.278	ug/L	81

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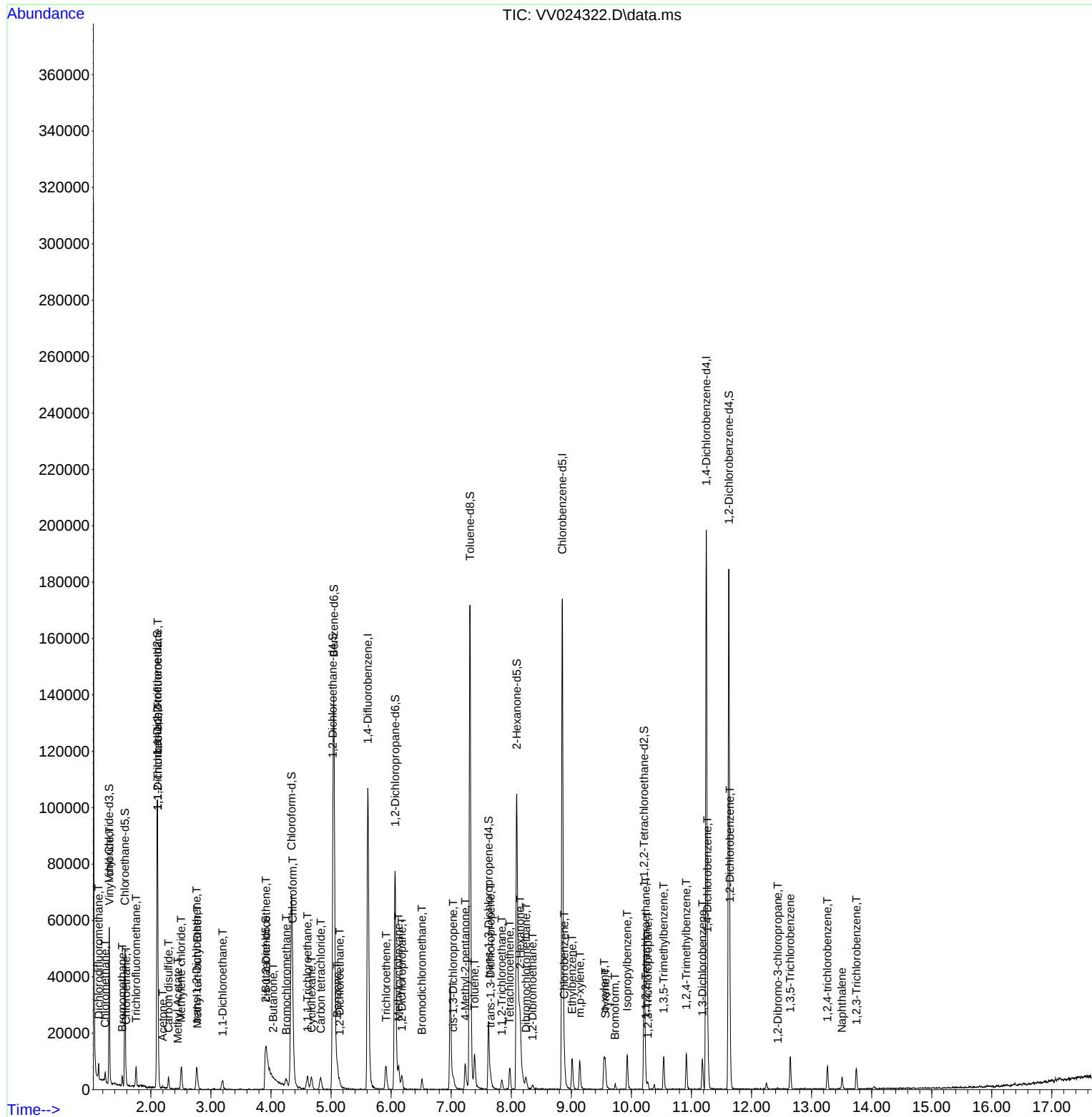
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	2089	0.215	ug/L #	84
29) 1,1,1-Trichloroethane	4.609	97	3851	0.225	ug/L	97
30) Cyclohexane	4.674	56	2076	0.193	ug/L	84
31) Carbon tetrachloride	4.828	117	3376	0.216	ug/L	98
33) Benzene	5.101	78	7097	0.216	ug/L	100
34) Trichloroethene	5.915	95	1929	0.209	ug/L	90
35) Methylcyclohexane	6.124	83	3023	0.235	ug/L	86
37) 1,2-Dichloropropane	6.178	63	2023	0.265	ug/L #	84
38) Bromodichloromethane	6.513	83	2632	0.218	ug/L	94
39) cis-1,3-Dichloropropene	7.034	75	2577	0.221	ug/L #	71
40) 4-Methyl-2-pentanone	7.236	43	6136	1.569	ug/L #	85
42) Toluene	7.391	91	9732	0.257	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	2407m	0.230	ug/L	
45) 1,1,2-Trichloroethane	7.841	97	1508	0.243	ug/L	93
47) Tetrachloroethene	7.973	164	1882	0.219	ug/L	95
48) 2-Hexanone	8.146	43	13930m	4.828	ug/L	
49) Dibromochloromethane	8.246	129	1889	0.221	ug/L	94
50) 1,2-Dibromoethane	8.352	107	1434	0.254	ug/L #	98
51) Chlorobenzene	8.883	112	5799	0.222	ug/L	94
52) Ethylbenzene	9.011	91	8319	0.200	ug/L	92
53) m,p-xylene	9.143	106	3394	0.204	ug/L	73
54) o-xylene	9.548	106	3142	0.193	ug/L	97
55) Styrene	9.567	104	5050	0.183	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.239	83	1484	0.235	ug/L #	81
59) Bromoform	9.728	173	894	0.195	ug/L #	88
60) Isopropylbenzene	9.931	105	8144	0.201	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	1279	0.288	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.535	105	6649	0.191	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	6750	0.191	ug/L	92
64) 1,3-Dichlorobenzene	11.185	146	4754	0.221	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	5112	0.238	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	4762	0.245	ug/L	91
68) 1,2-Dibromo-3-chloropr...	12.439	75	64	0.066	ug/L #	48
69) 1,3,5-Trichlorobenzene	12.644	180	3963	0.223	ug/L	97
70) 1,2,4-trichlorobenzene	13.265	180	3068	0.219	ug/L	95
71) Naphthalene	13.506	128	4071	0.208	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	2819	0.234	ug/L	85

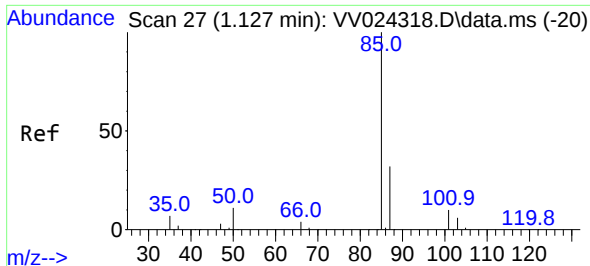
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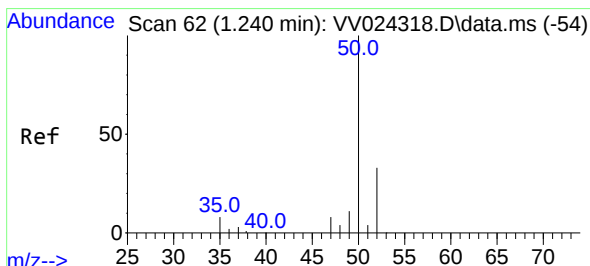
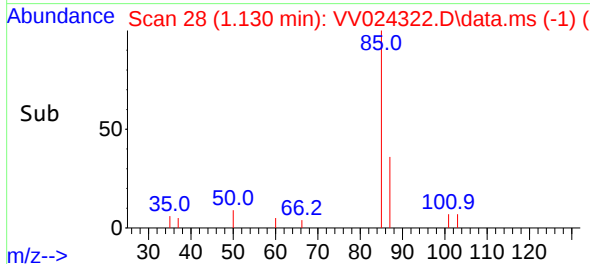
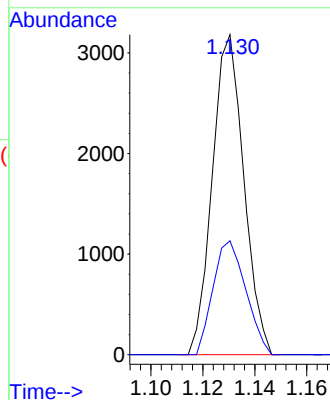
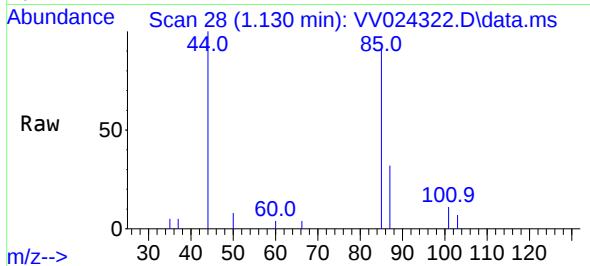




#2
 Dichlorodifluoromethane
 Concen: 0.217 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV024322.D
 Acq: 10 Jan 2022 14:01

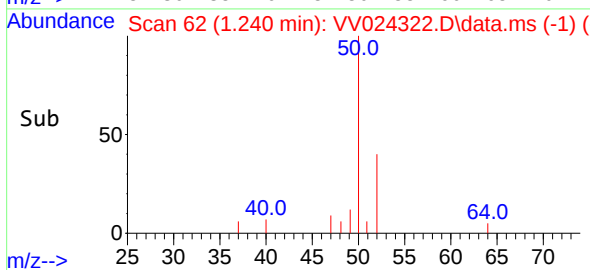
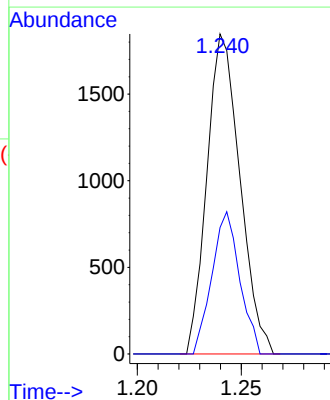
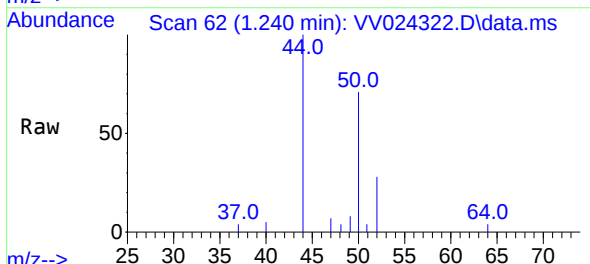
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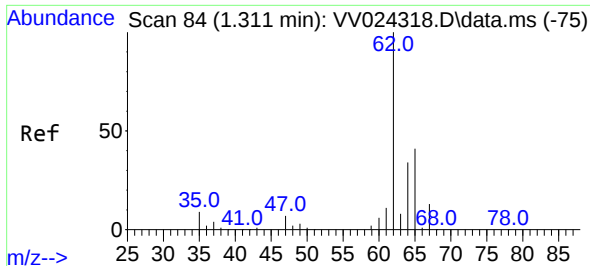
Tgt Ion: 85 Resp: 2681
 Ion Ratio Lower Upper
 85 100
 87 37.0 26.0 39.0



#3
 Chloromethane
 Concen: 0.247 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024322.D
 Acq: 10 Jan 2022 14:01

Tgt Ion: 50 Resp: 2039
 Ion Ratio Lower Upper
 50 100
 52 39.5 22.0 41.0

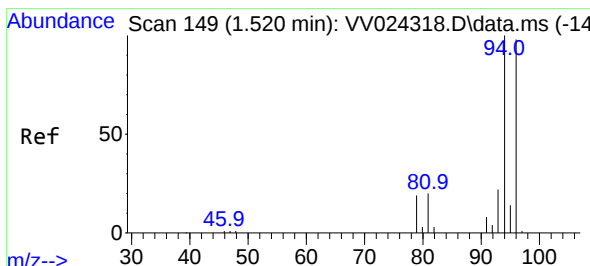
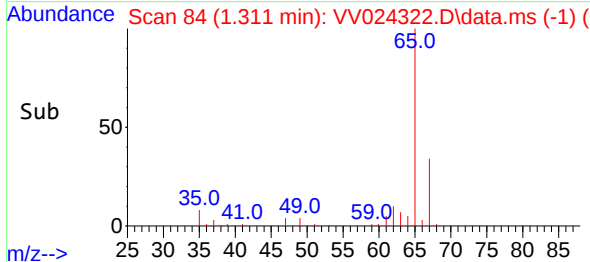
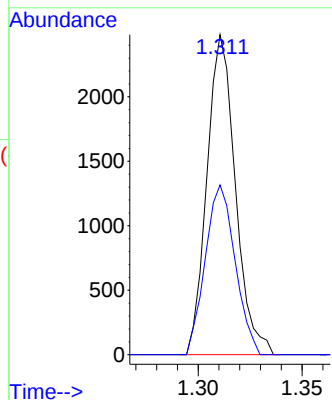
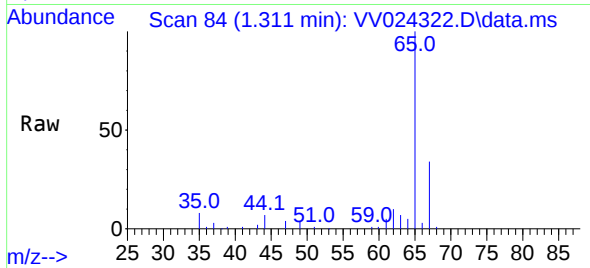




#5
 Vinyl chloride
 Concen: 0.260 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024322.D
 Acq: 10 Jan 2022 14:01

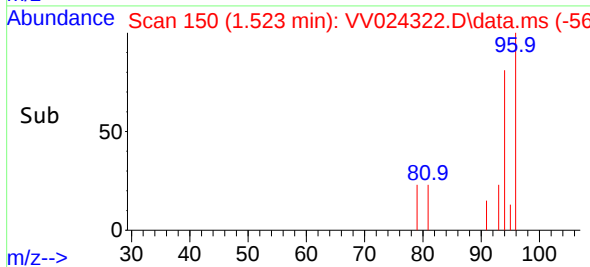
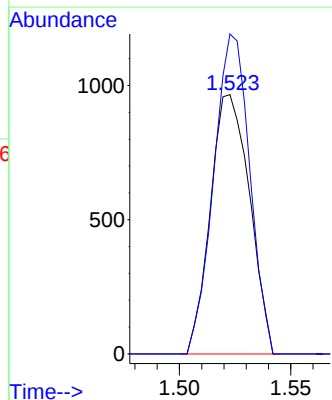
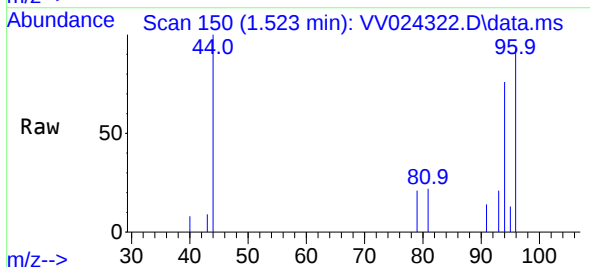
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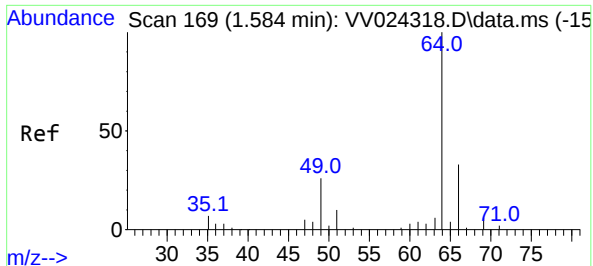
Tgt Ion: 62 Resp: 2364
 Ion Ratio Lower Upper
 62 100
 64 53.1 22.4 41.6#



#6
 Bromomethane
 Concen: 0.196 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024322.D
 Acq: 10 Jan 2022 14:01

Tgt Ion: 94 Resp: 1181
 Ion Ratio Lower Upper
 94 100
 96 123.4 66.2 123.0#

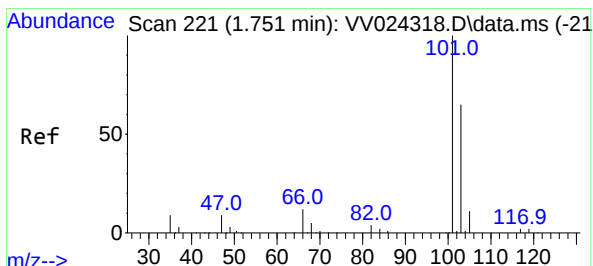
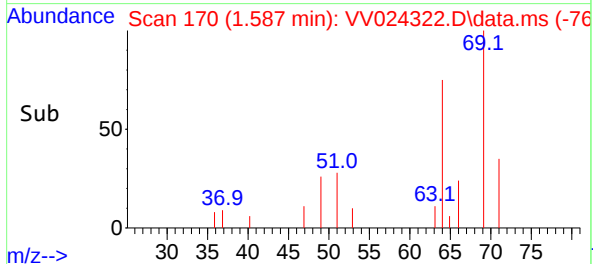
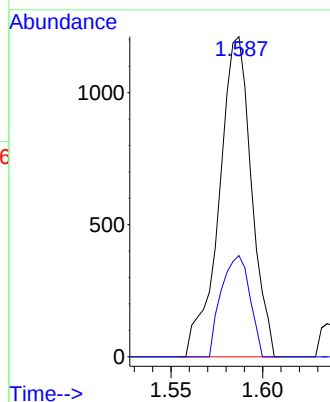
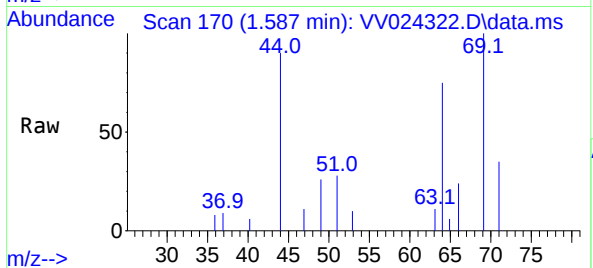




#8
Chloroethane
Concen: 0.260 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

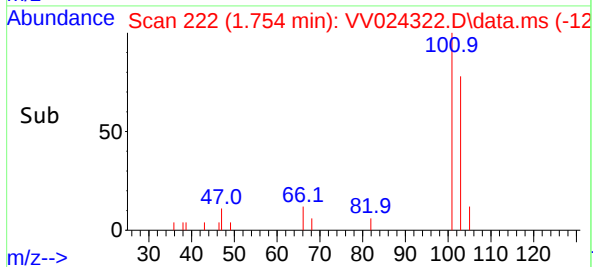
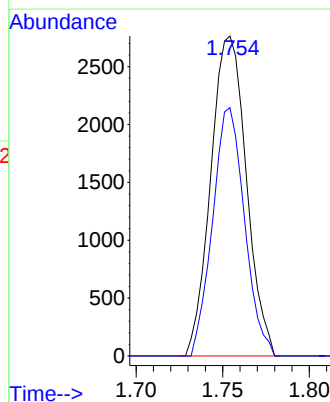
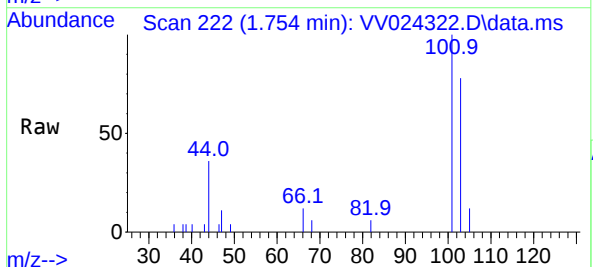
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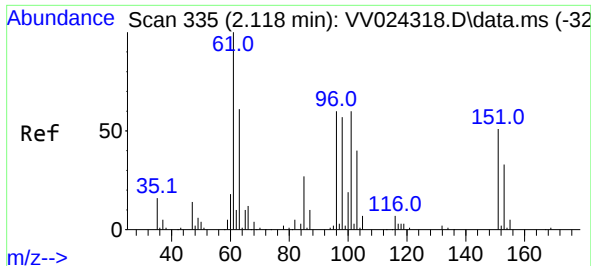
Tgt Ion: 64 Resp: 1487
Ion Ratio Lower Upper
64 100
66 31.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.219 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:101 Resp: 3951
Ion Ratio Lower Upper
101 100
103 69.6 51.6 77.4

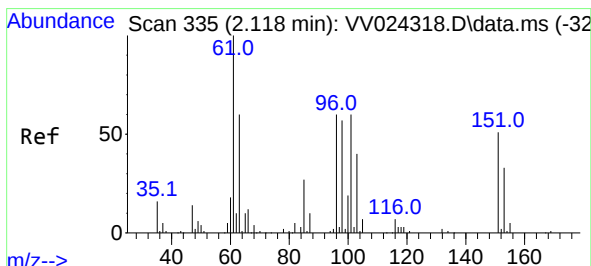
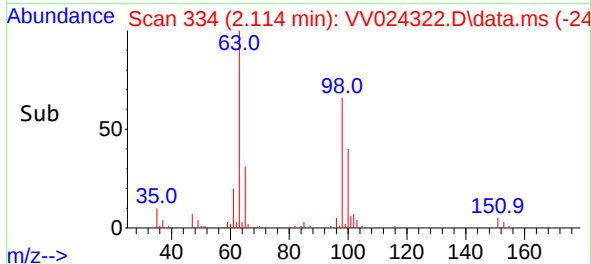
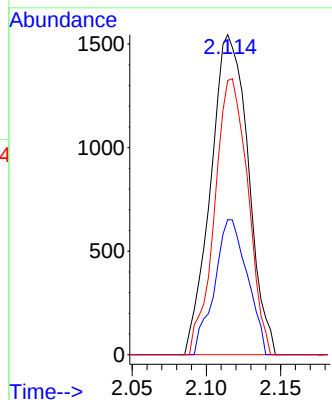
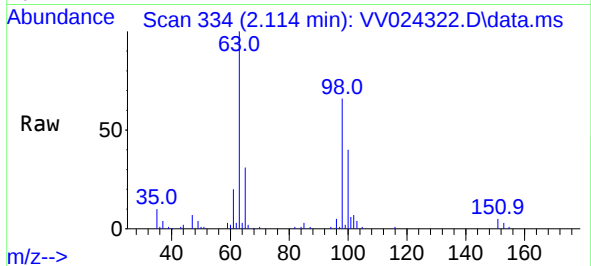




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.299 ug/L
RT: 2.114 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

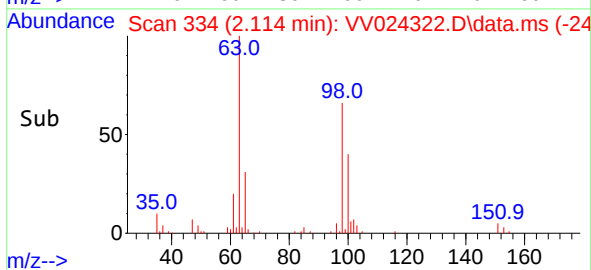
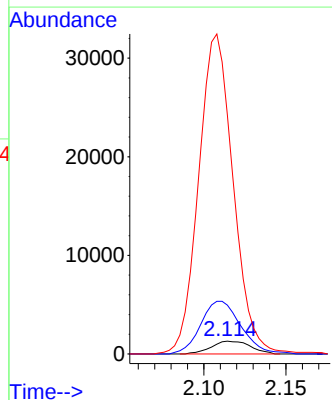
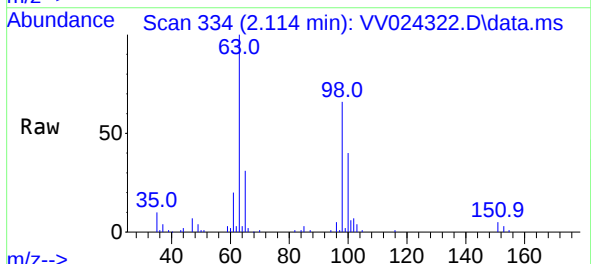
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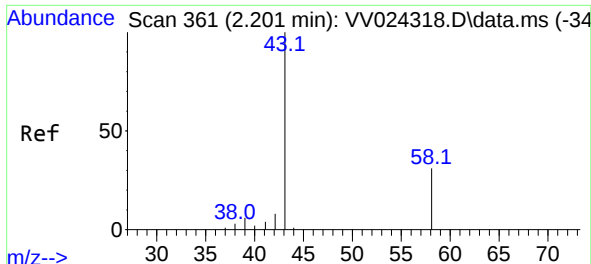
Tgt Ion:101 Resp: 2716
Ion Ratio Lower Upper
101 100
85 36.9 36.0 54.0
151 76.6 66.4 99.6



#12
1,1-Dichloroethene
Concen: 0.278 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 96 Resp: 2153
Ion Ratio Lower Upper
96 100
61 383.4 116.1 215.5#
63 1872.9 79.4 147.4#

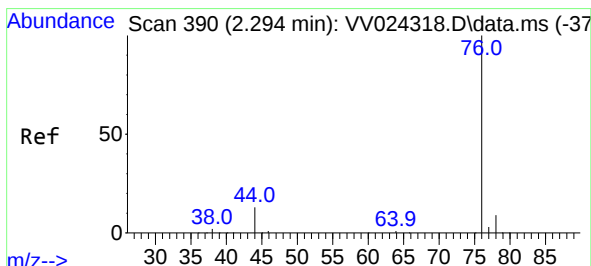
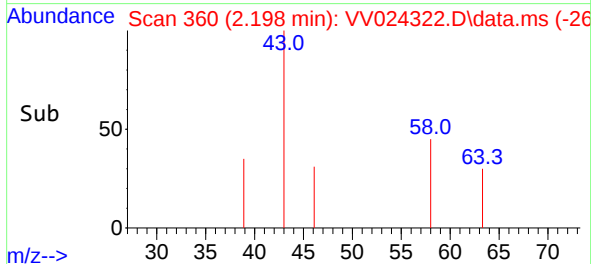
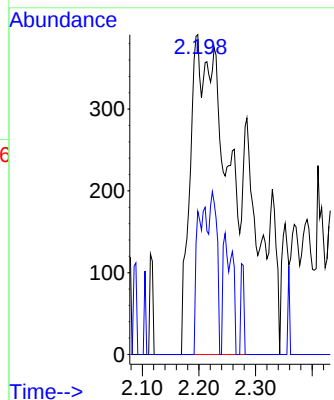
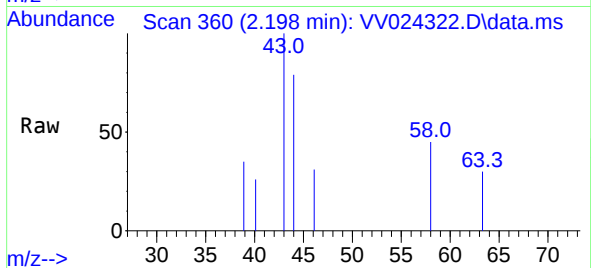




#13
Acetone
Concen: 2.370 ug/L m
RT: 2.198 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV024322.D
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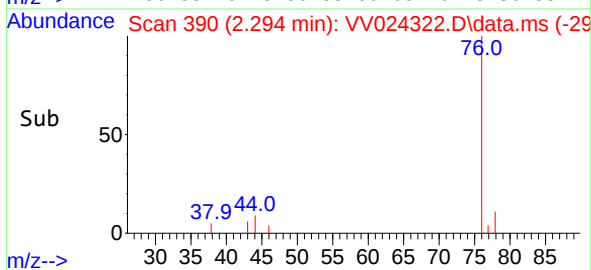
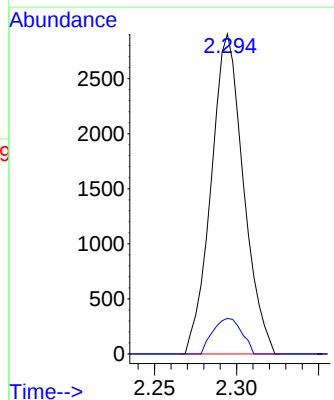
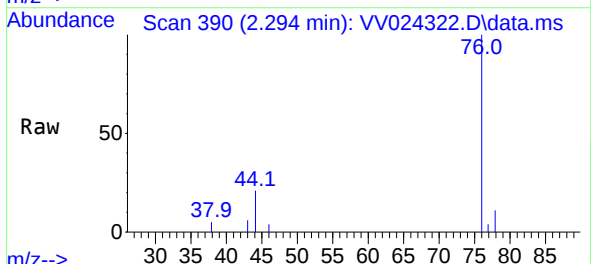
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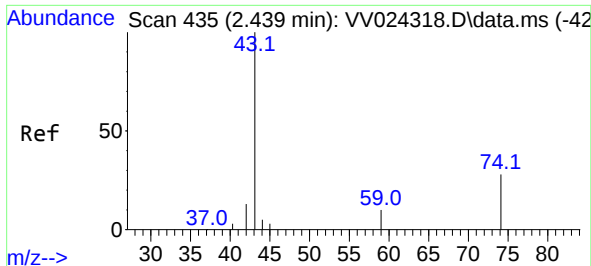
Tgt Ion: 43 Resp: 2363
Ion Ratio Lower Upper
43 100
58 5.1 0.0 41.4



#14
Carbon disulfide
Concen: 0.218 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 76 Resp: 3982
Ion Ratio Lower Upper
76 100
78 11.1 7.5 11.3

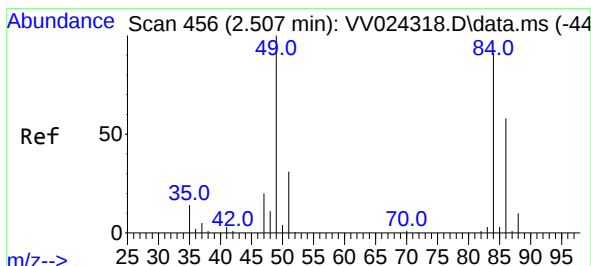
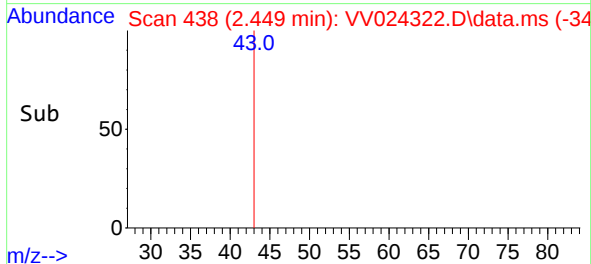
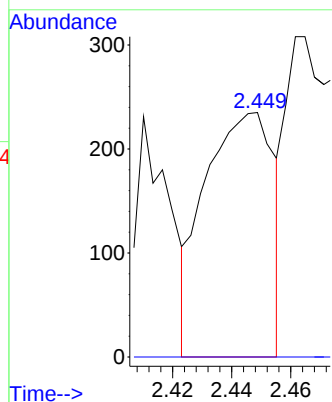
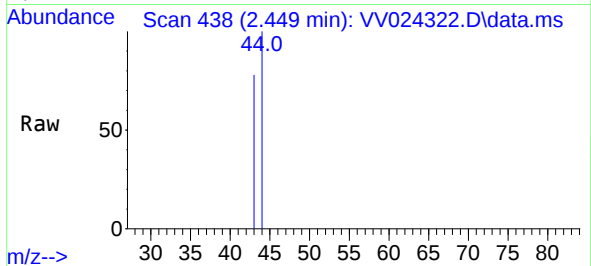




#15
Methyl Acetate
Concen: 0.181 ug/L m
RT: 2.449 min Scan# 435
Delta R.T. 0.010 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

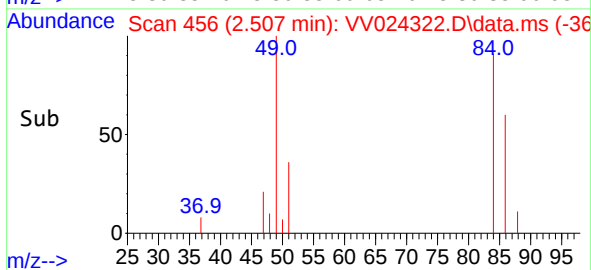
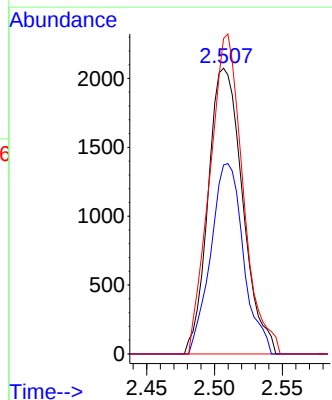
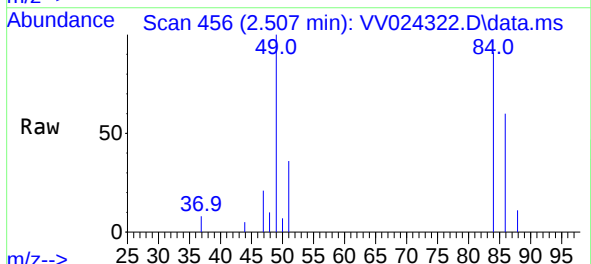
Instrument :
MSVOA_V
ClientSampleId :
MDL07

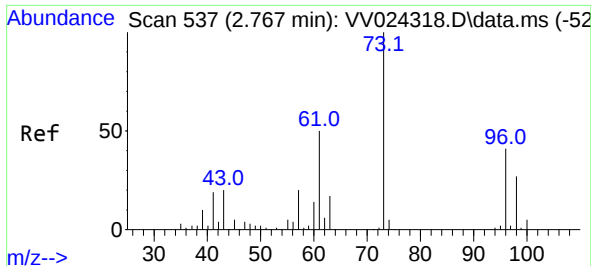
Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#16
Methylene chloride
Concen: 0.308 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 84 Resp: 3663
Ion Ratio Lower Upper
84 100
86 66.2 42.6 79.0
49 110.4 79.7 147.9

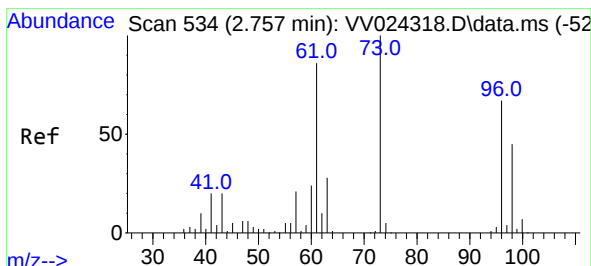
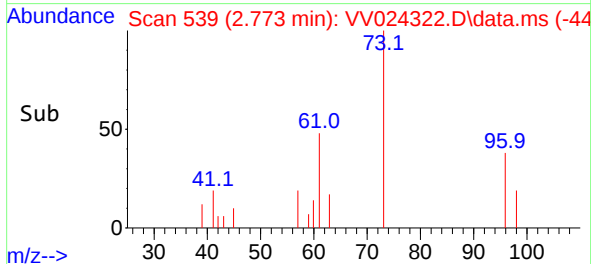
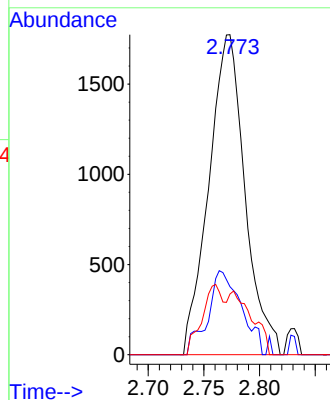
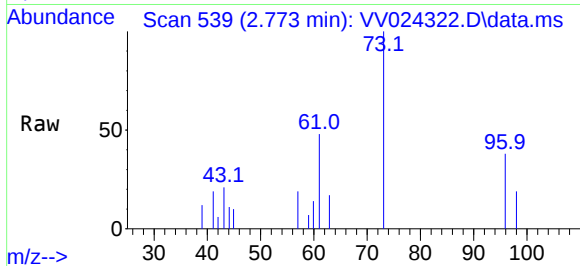




#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

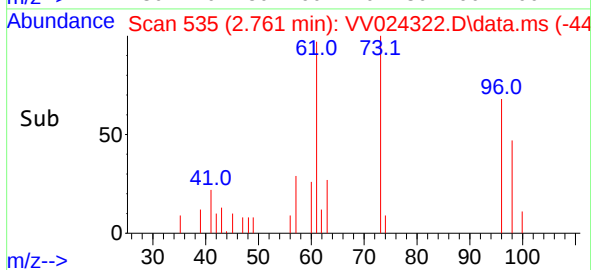
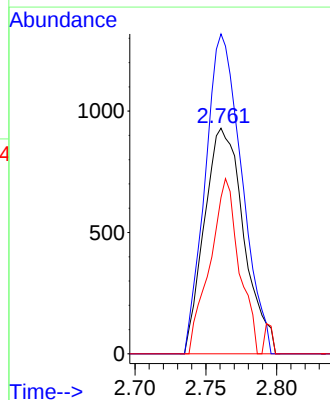
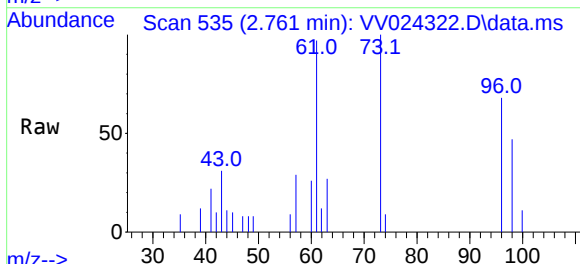
Instrument :
MSVOA_V
ClientSampleId :
MDL07

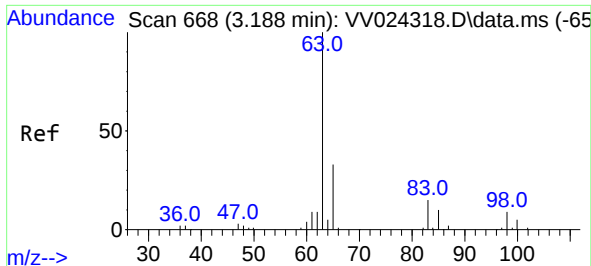
Tgt Ion: 73 Resp: 4003
Ion Ratio Lower Upper
73 100
43 1.0 15.5 23.3#
57 12.7 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 96 Resp: 1802
Ion Ratio Lower Upper
96 100
61 141.7 88.2 163.8
98 69.2 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.234 ug/L

RT: 3.195 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

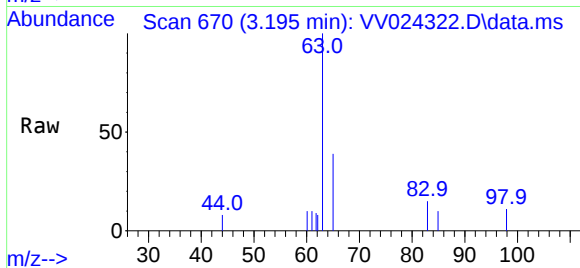
Tgt Ion: 63 Resp: 3437

Ion Ratio Lower Upper

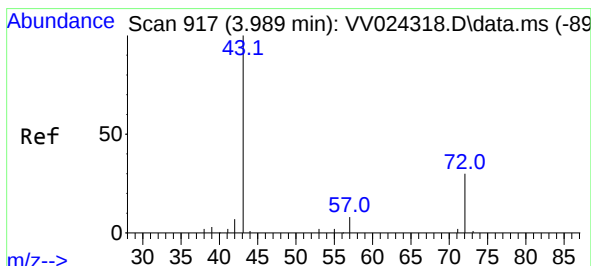
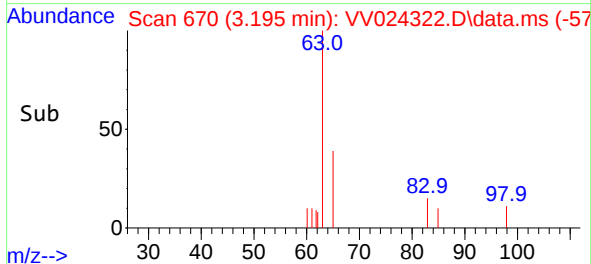
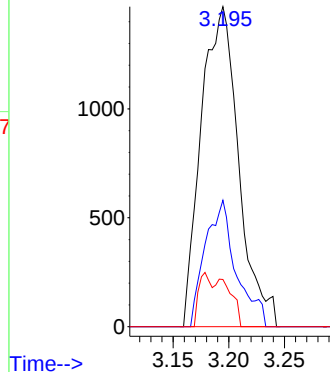
63 100

65 39.5 22.3 41.3

83 14.8 10.7 19.9



Abundance



#21

2-Butanone

Concen: 2.086 ug/L m

RT: 4.037 min Scan# 932

Delta R.T. 0.048 min

Lab File: VV024322.D

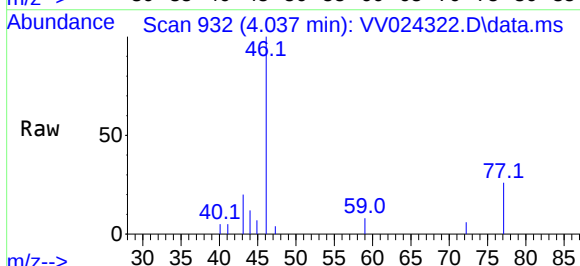
Acq: 10 Jan 2022 14:01

Tgt Ion: 43 Resp: 2821

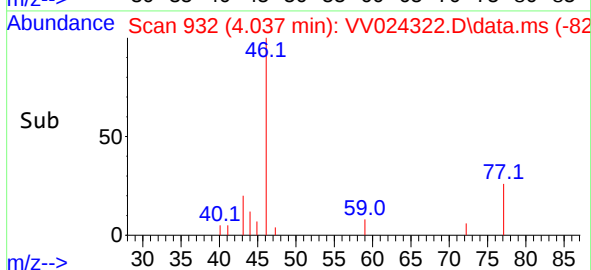
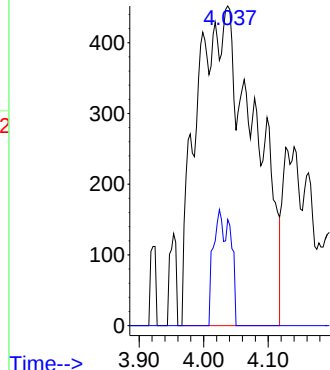
Ion Ratio Lower Upper

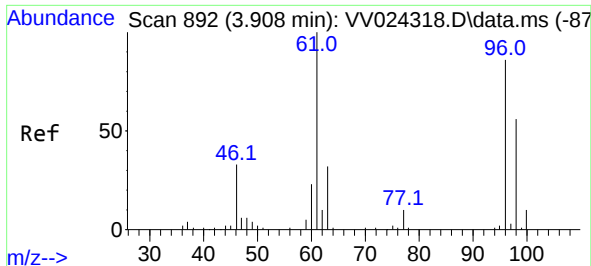
43 100

72 3.4 11.1 33.1#



Abundance

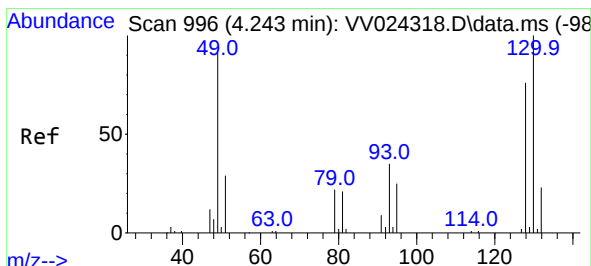
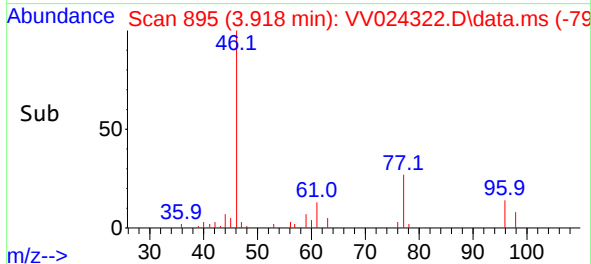
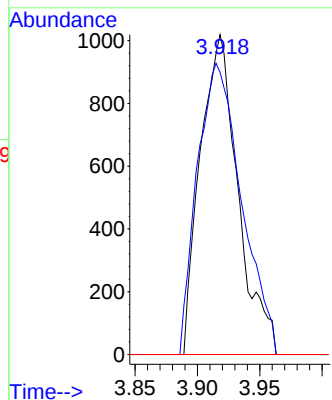
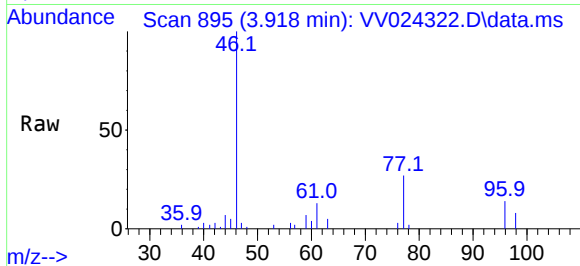




#22
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/L
 RT: 3.918 min Scan# 892
 Delta R.T. 0.010 min
 Lab File: VV024322.D
 Acq: 10 Jan 2022 14:01

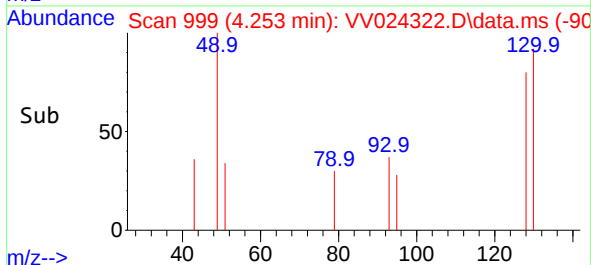
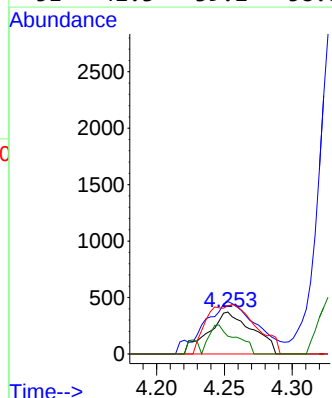
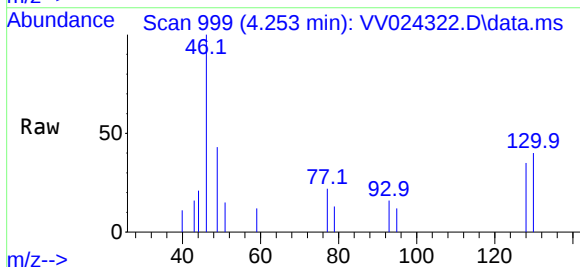
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL07

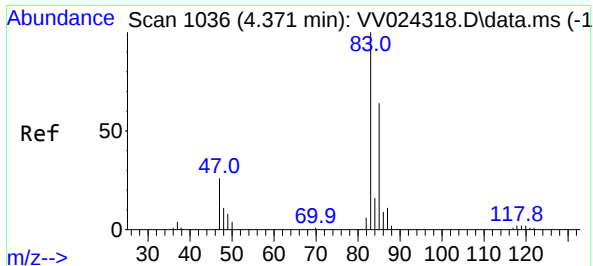
Tgt Ion: 96	Resp: 2143
Ion Ratio	Lower Upper
96 100	
61 88.2	83.4 154.8
68 0.0	0.0 0.0



#23
 Bromochloromethane
 Concen: 0.209 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV024322.D
 Acq: 10 Jan 2022 14:01

Tgt	Ion:128	Resp:	843
Ion	Ratio	Lower	Upper
128	100		
49	125.1	100.2	186.2
130	115.1	92.5	171.7
51	42.3	39.2	58.8





#25

Chloroform

Concen: 0.278 ug/L

RT: 4.362 min Scan# 1036

Delta R.T. -0.010 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

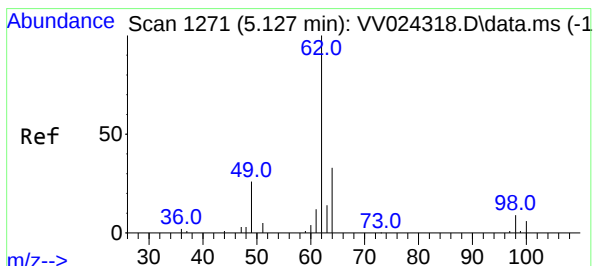
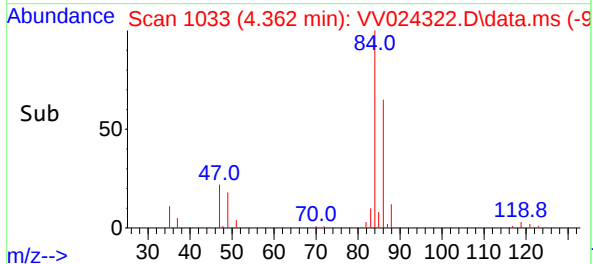
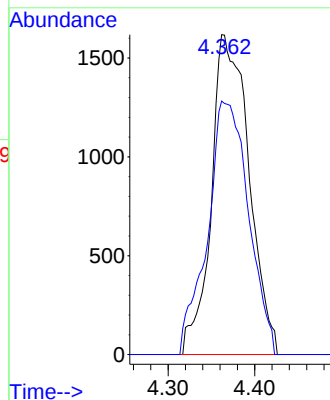
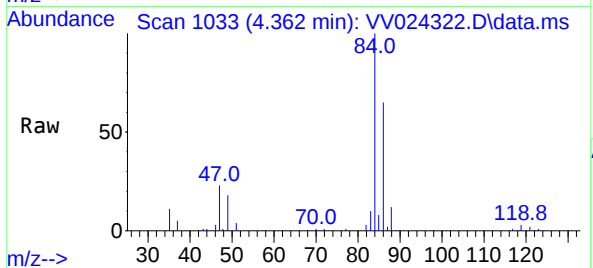
MDL07

Tgt Ion: 83 Resp: 4879

Ion Ratio Lower Upper

83 100

85 79.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.215 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.016 min

Lab File: VV024322.D

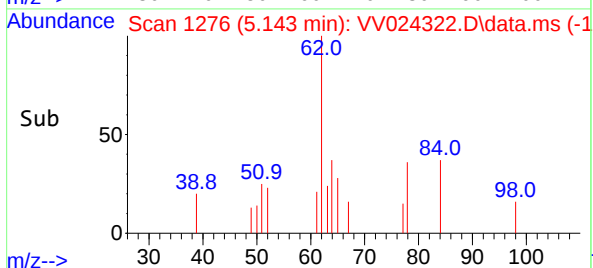
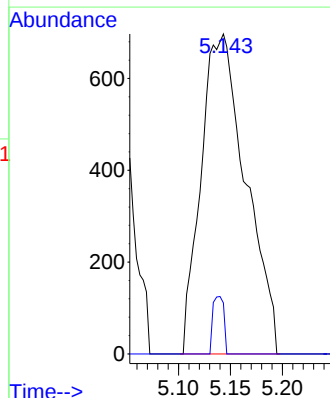
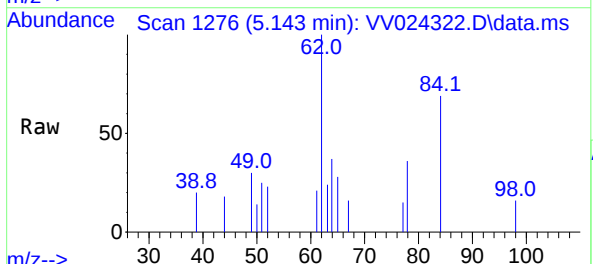
Acq: 10 Jan 2022 14:01

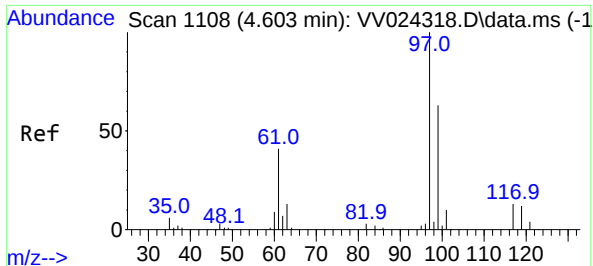
Tgt Ion: 62 Resp: 2089

Ion Ratio Lower Upper

62 100

98 15.9 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.225 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

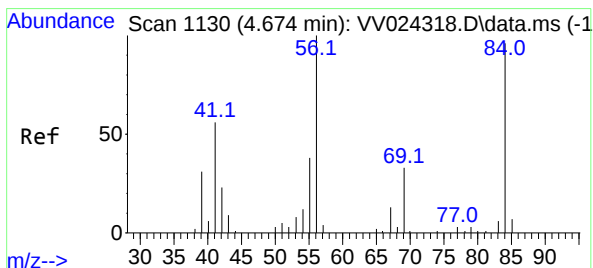
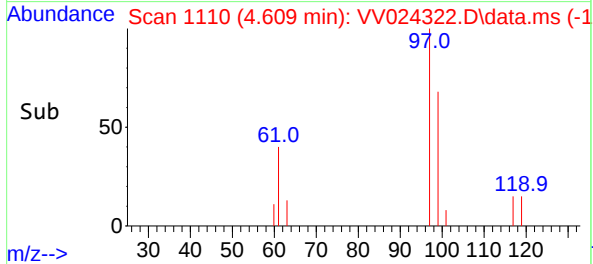
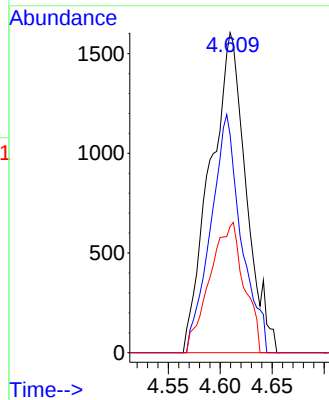
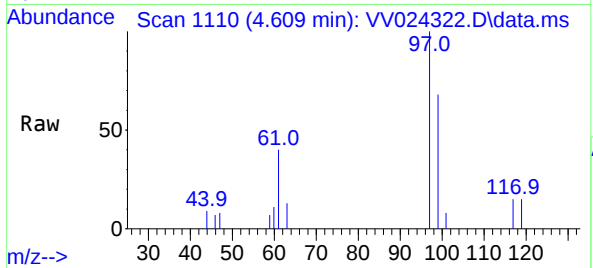
Tgt Ion: 97 Resp: 3851

Ion Ratio Lower Upper

97 100

99 63.5 51.9 77.9

61 38.8 33.2 49.8



#30

Cyclohexane

Concen: 0.193 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

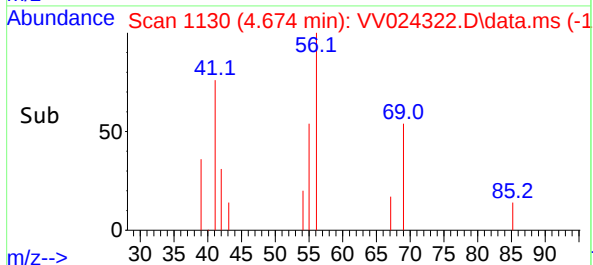
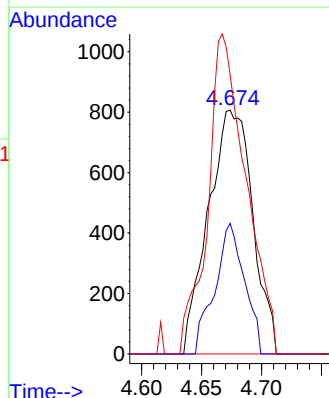
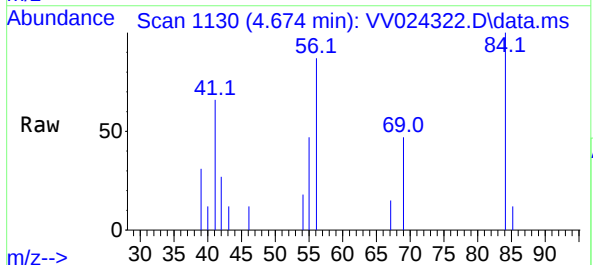
Tgt Ion: 56 Resp: 2076

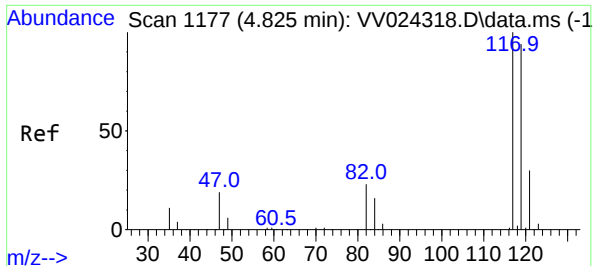
Ion Ratio Lower Upper

56 100

69 35.7 24.8 37.2

84 112.8 75.9 113.9

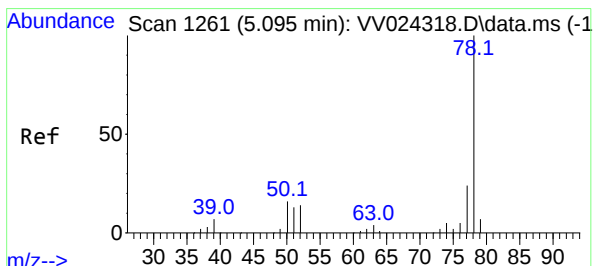
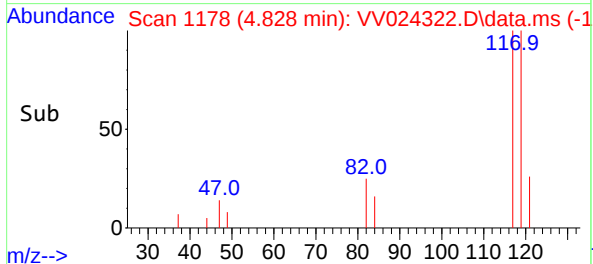
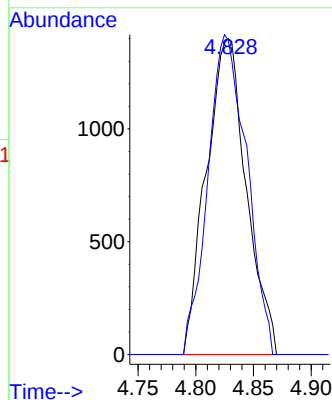
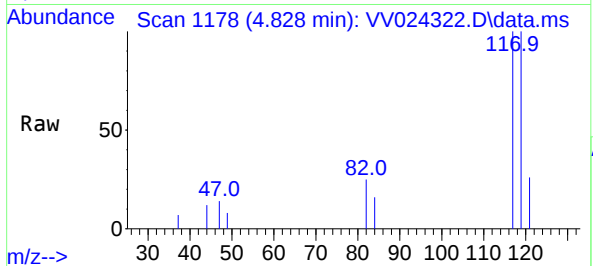




#31
Carbon tetrachloride
Concen: 0.216 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

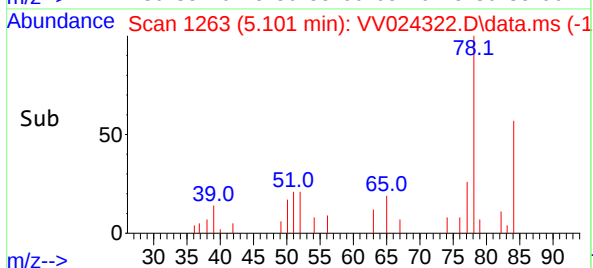
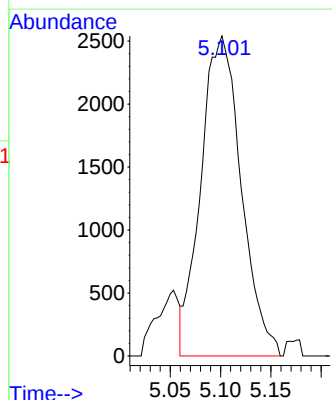
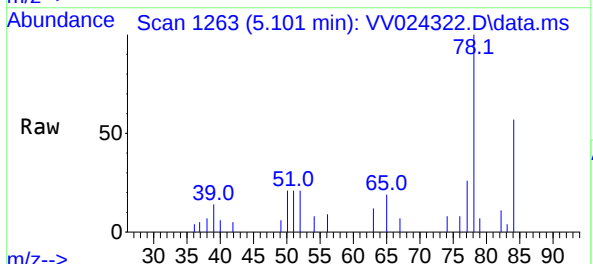
Instrument :
MSVOA_V
ClientSampleId :
MDL07

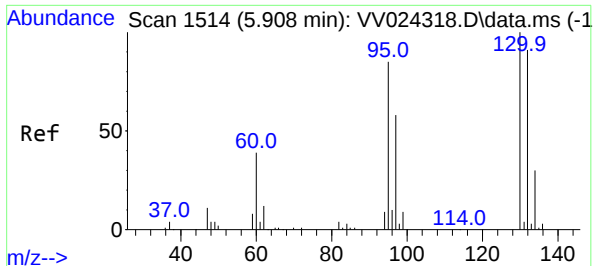
Tgt Ion:117 Resp: 3376
Ion Ratio Lower Upper
117 100
119 98.1 76.6 114.8



#33
Benzene
Concen: 0.216 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 78 Resp: 7097

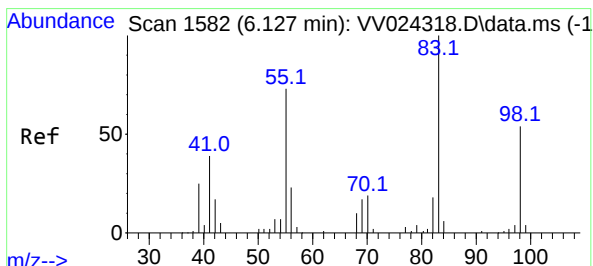
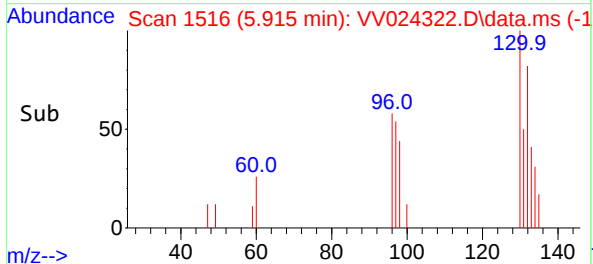
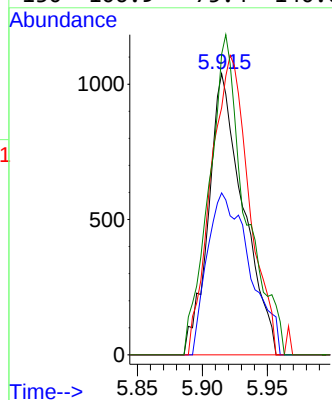
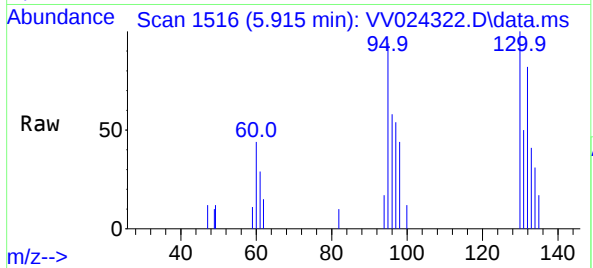




#34
Trichloroethene
Concen: 0.209 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

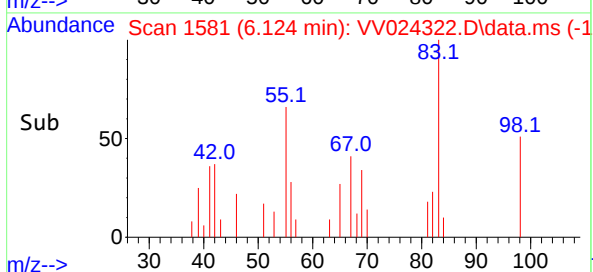
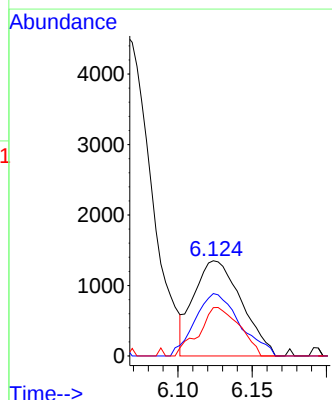
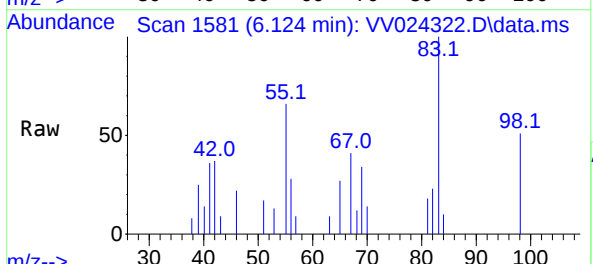
Instrument :
MSVOA_V
ClientSampleId :
MDL07

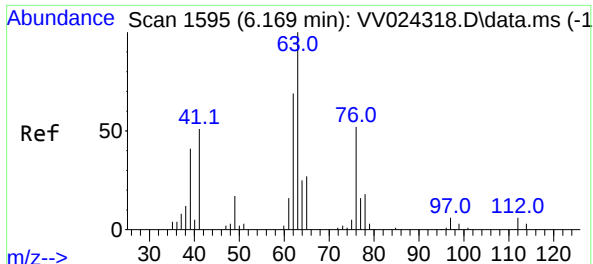
Tgt Ion: 95 Resp: 1929
Ion Ratio Lower Upper
95 100
97 57.6 45.2 84.0
132 87.9 76.1 141.3
130 106.9 75.4 140.0



#35
Methylcyclohexane
Concen: 0.235 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 83 Resp: 3023
Ion Ratio Lower Upper
83 100
55 61.7 60.2 90.2
98 42.8 41.0 61.4

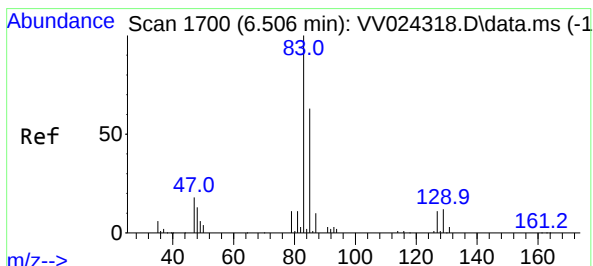
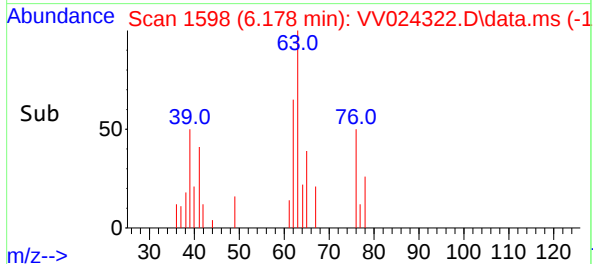
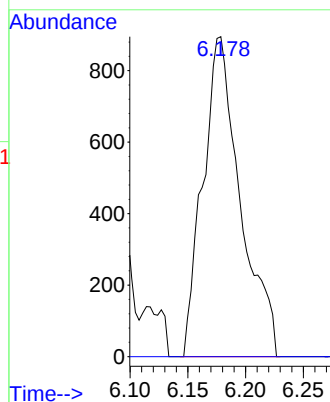
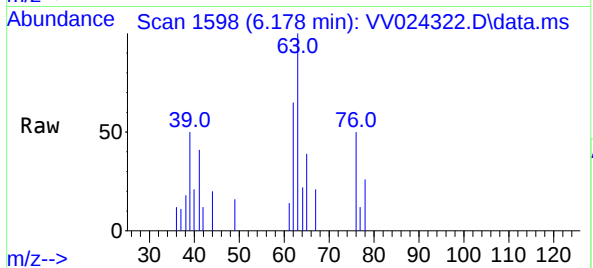




#37
1,2-Dichloropropane
Concen: 0.265 ug/L
RT: 6.178 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

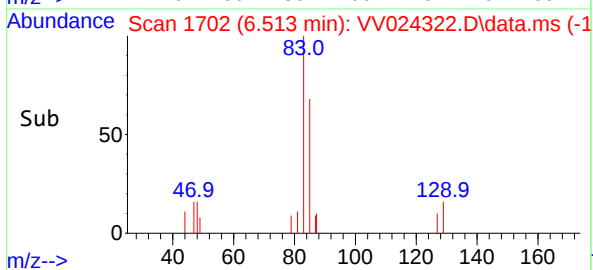
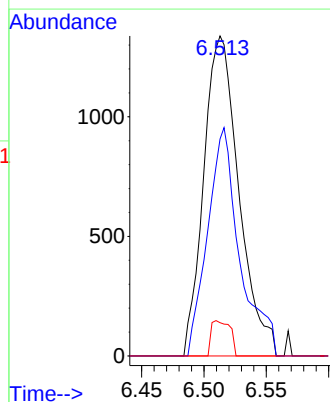
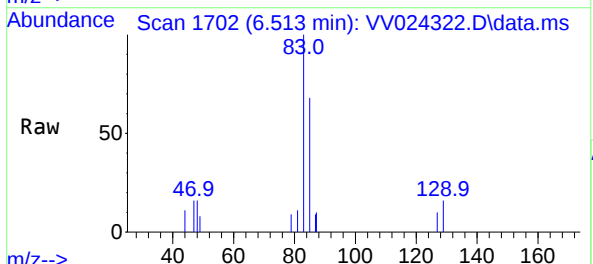
Instrument :
MSVOA_V
ClientSampleId :
MDL07

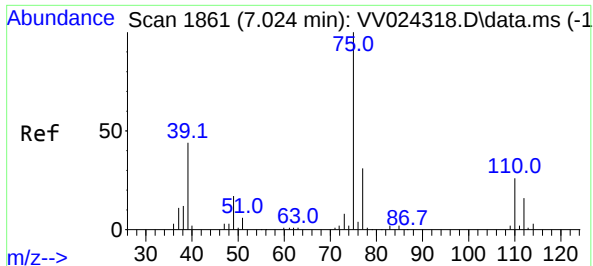
Tgt Ion: 63 Resp: 2023
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#38
Bromodichloromethane
Concen: 0.218 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 83 Resp: 2632
Ion Ratio Lower Upper
83 100
85 67.8 44.0 81.8
127 10.4 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.221 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

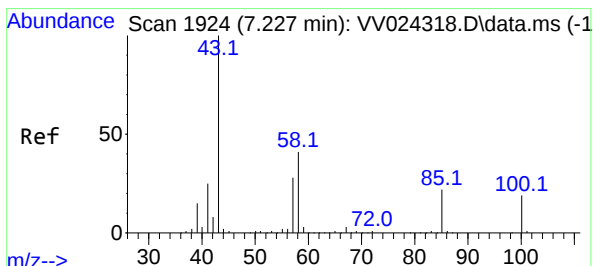
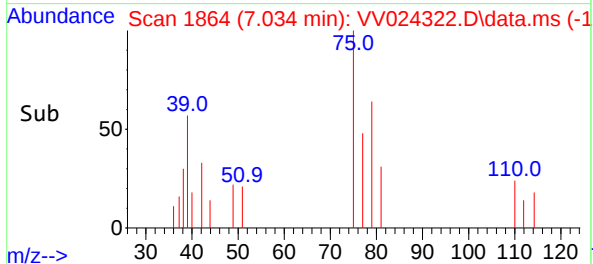
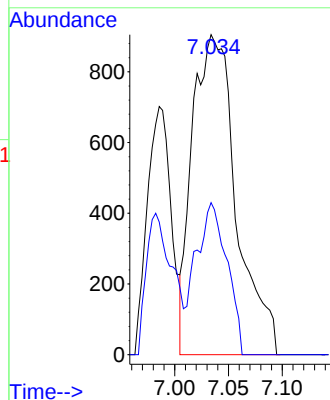
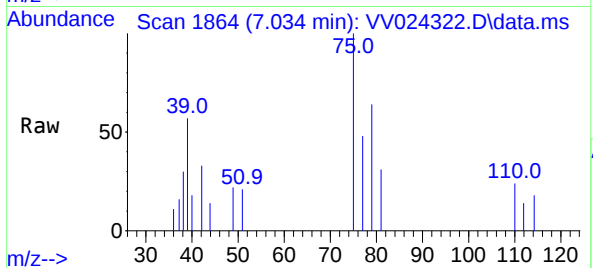
MDL07

Tgt Ion: 75 Resp: 2577

Ion Ratio Lower Upper

75 100

77 47.5 22.0 41.0#



#40

4-Methyl-2-pentanone

Concen: 1.569 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.010 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

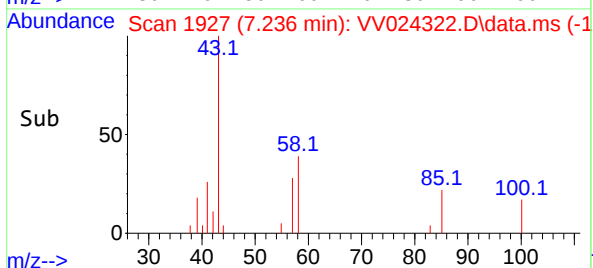
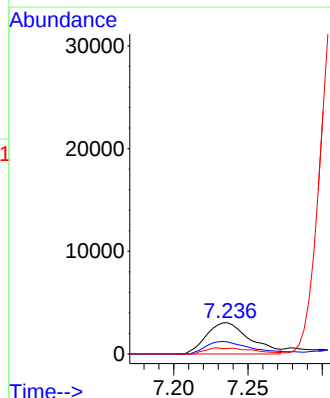
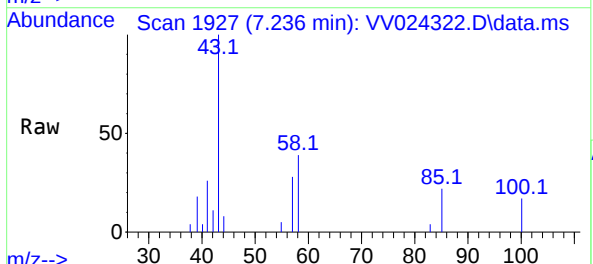
Tgt Ion: 43 Resp: 6136

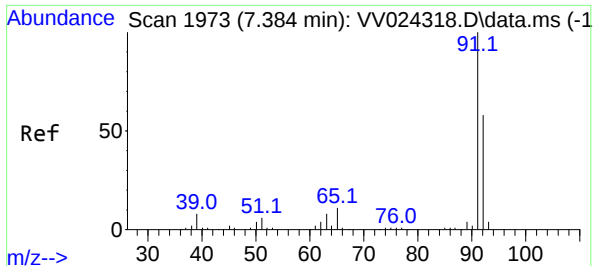
Ion Ratio Lower Upper

43 100

58 43.6 32.3 48.5

100 0.0 13.0 19.6#





#42

Toluene

Concen: 0.257 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

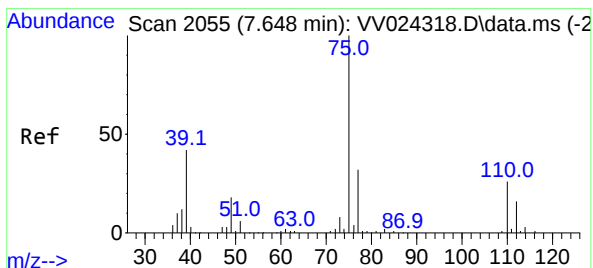
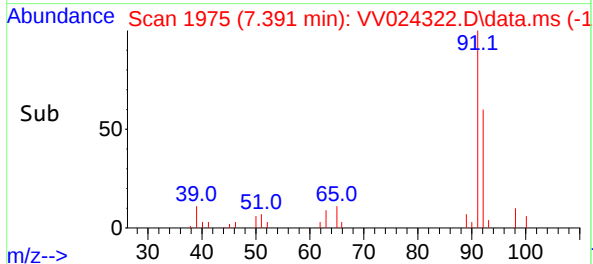
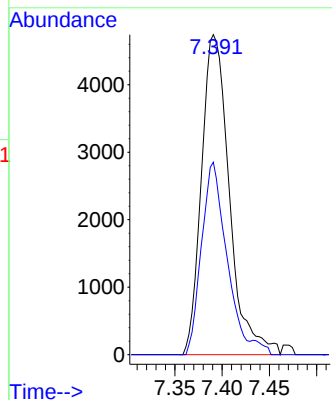
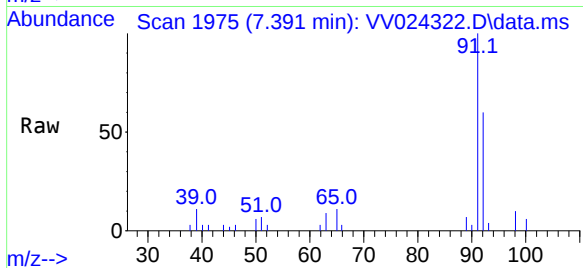
MDL07

Tgt Ion: 91 Resp: 9732

Ion Ratio Lower Upper

91 100

92 60.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 0.230 ug/L m

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024322.D

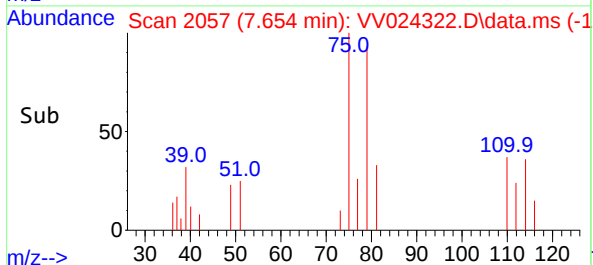
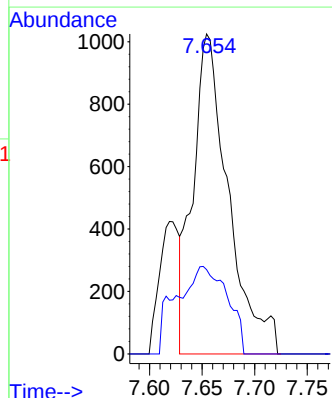
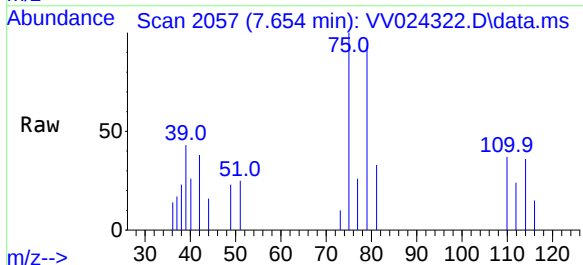
Acq: 10 Jan 2022 14:01

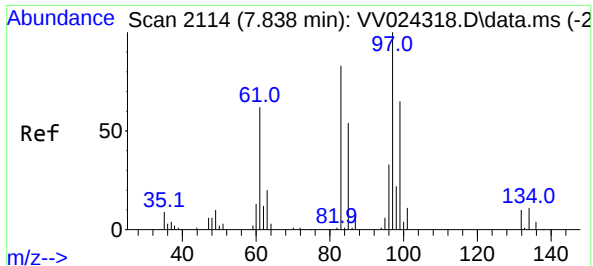
Tgt Ion: 75 Resp: 2407

Ion Ratio Lower Upper

75 100

77 26.3 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 0.243 ug/L

RT: 7.841 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion: 97 Resp: 1508

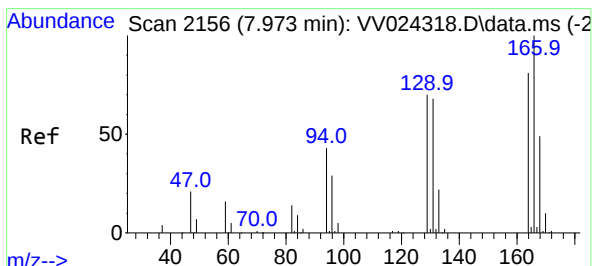
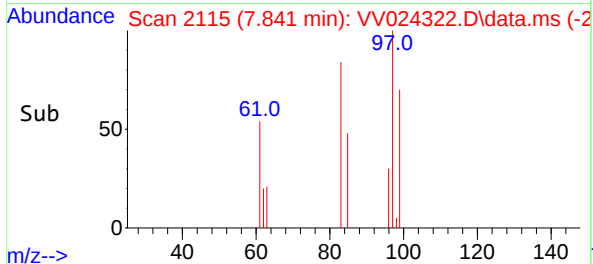
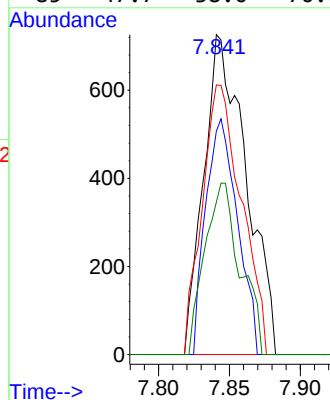
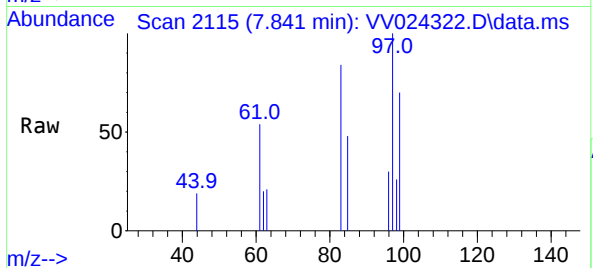
Ion Ratio Lower Upper

97 100

99 69.8 43.1 80.1

83 84.3 57.9 107.5

85 47.7 38.0 70.6



#47

Tetrachloroethene

Concen: 0.219 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Tgt Ion:164 Resp: 1882

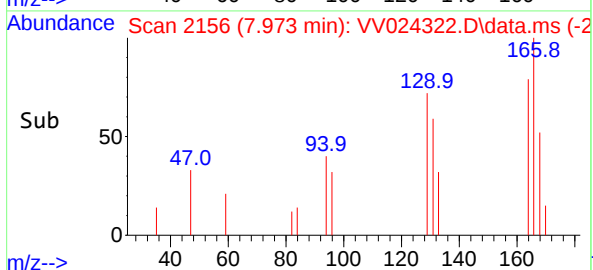
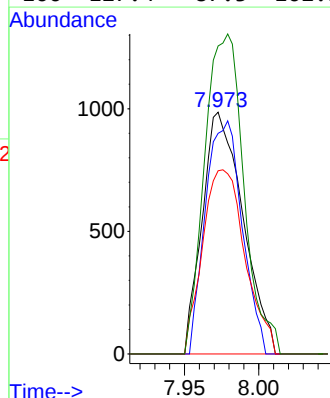
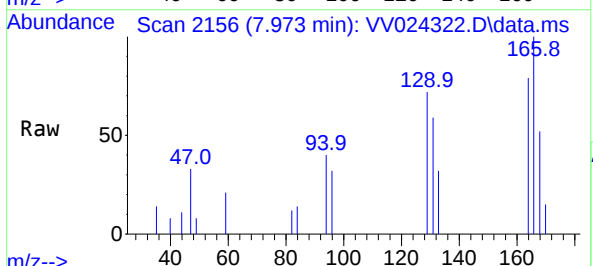
Ion Ratio Lower Upper

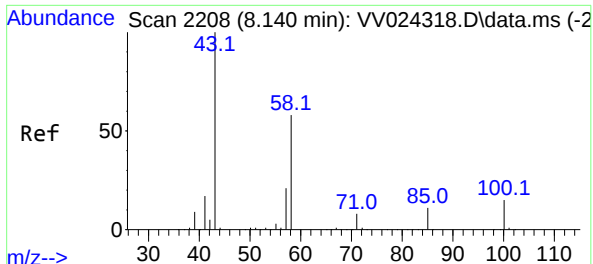
164 100

129 91.3 62.6 116.2

131 75.8 61.0 113.4

166 127.4 87.3 162.1

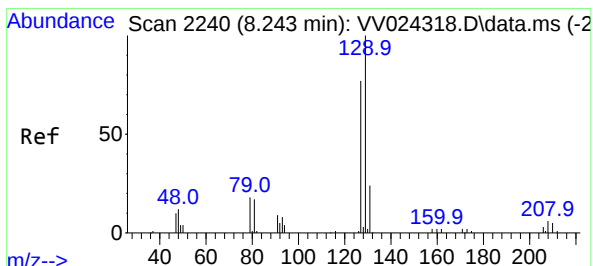
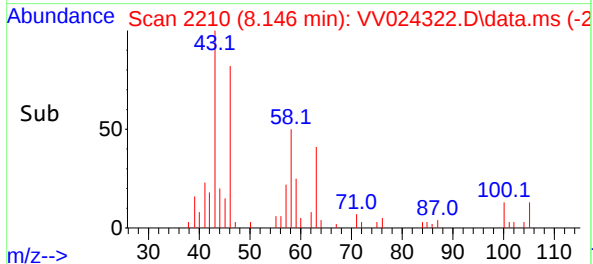
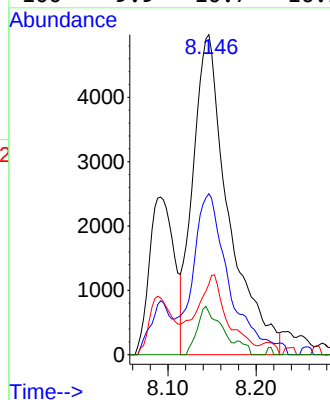
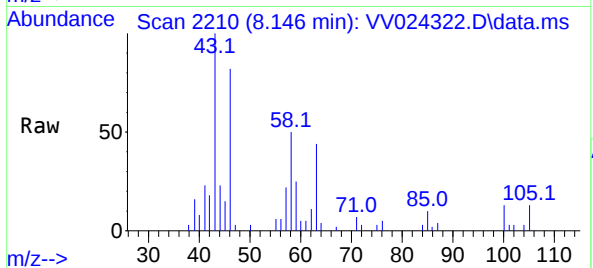




#48
2-Hexanone
Concen: 4.828 ug/L m
RT: 8.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

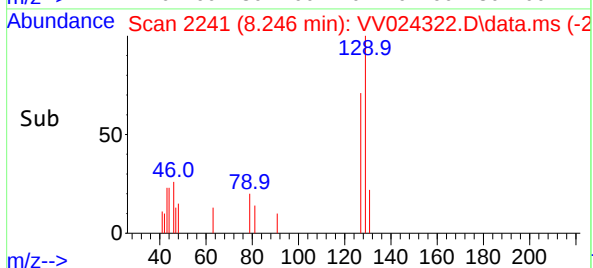
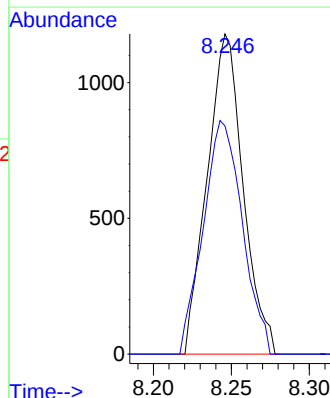
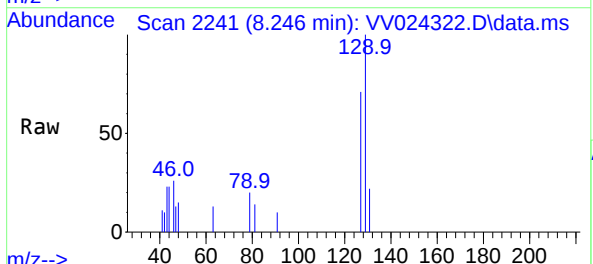
Instrument :
MSVOA_V
ClientSampleId :
MDL07

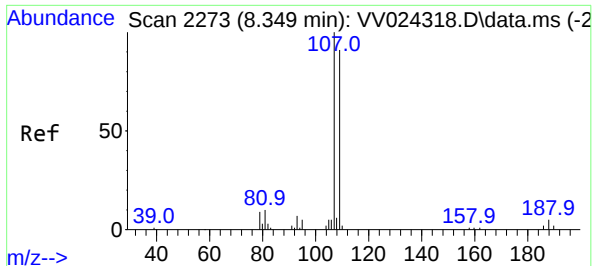
Tgt Ion: 43 Resp: 13930
Ion Ratio Lower Upper
43 100
58 51.8 44.5 66.7
57 22.5 15.1 22.7
100 9.9 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.221 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 129 Resp: 1889
Ion Ratio Lower Upper
129 100
127 71.2 53.5 99.3

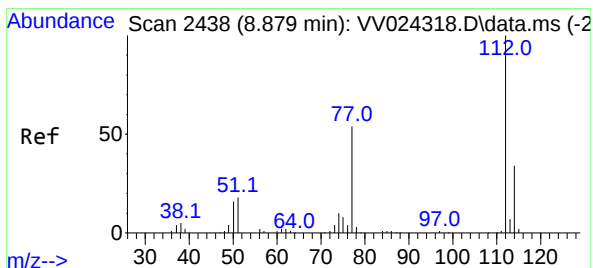
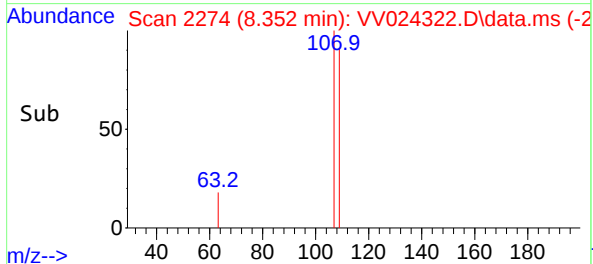
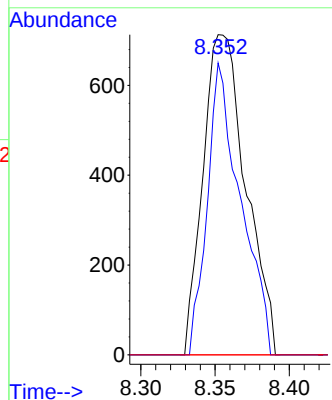
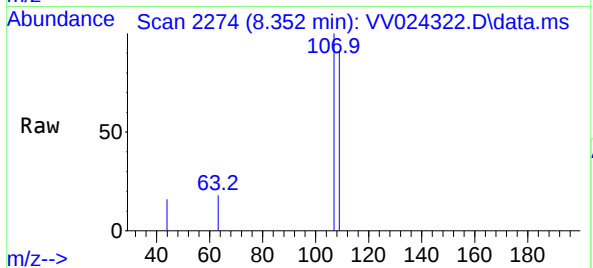




#50
1,2-Dibromoethane
Concen: 0.254 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

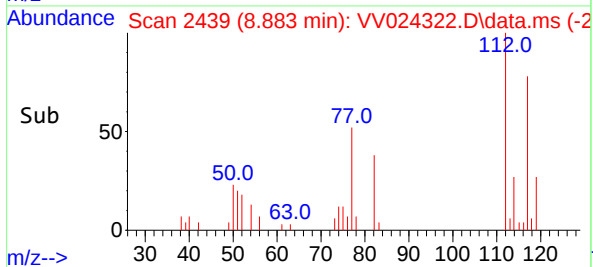
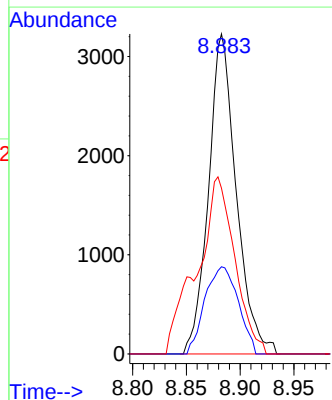
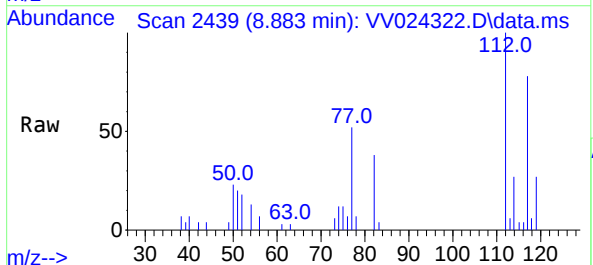
Instrument :
MSVOA_V
ClientSampleId :
MDL07

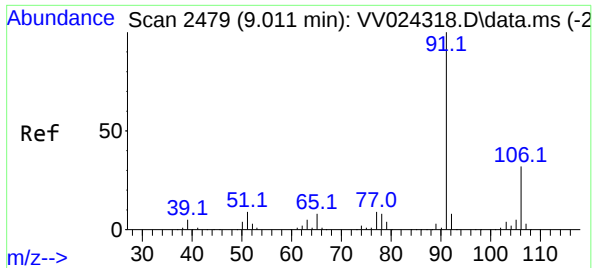
Tgt Ion:107 Resp: 1434
Ion Ratio Lower Upper
107 100
109 91.2 62.5 116.1
188 0.0 3.4 5.2#



#51
Chlorobenzene
Concen: 0.222 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:112 Resp: 5799
Ion Ratio Lower Upper
112 100
114 27.3 23.3 43.3
77 51.8 43.3 64.9

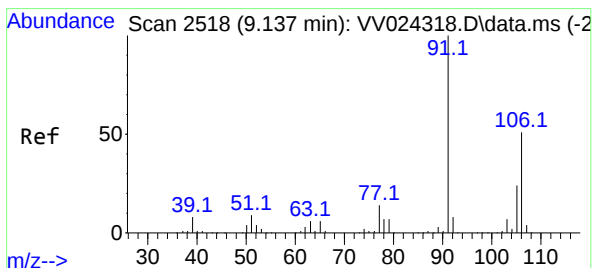
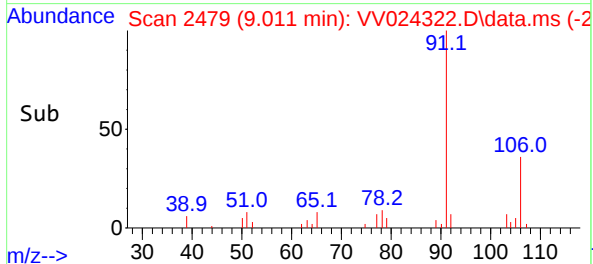
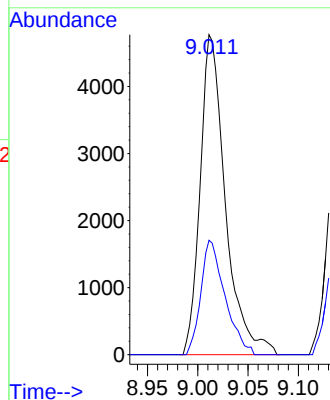
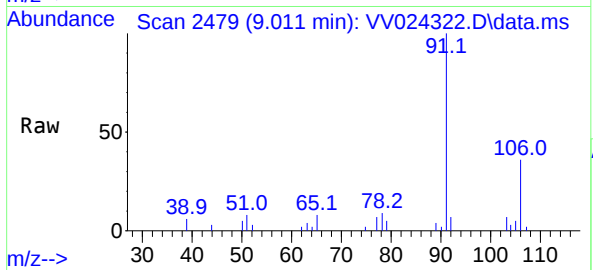




#52
Ethylbenzene
Concen: 0.200 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

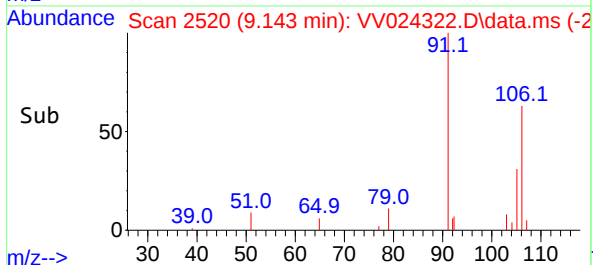
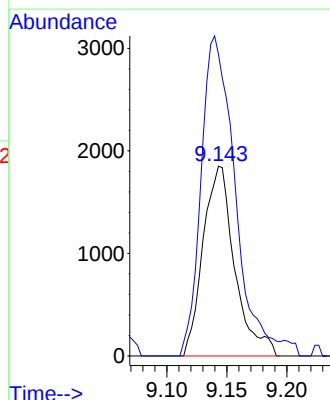
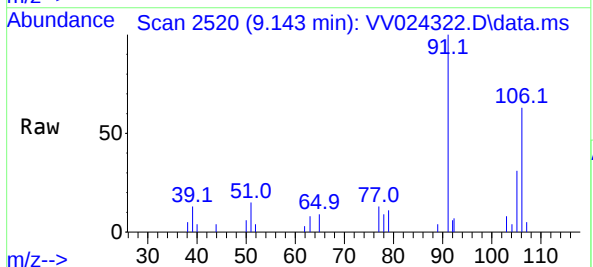
Instrument :
MSVOA_V
ClientSampleId :
MDL07

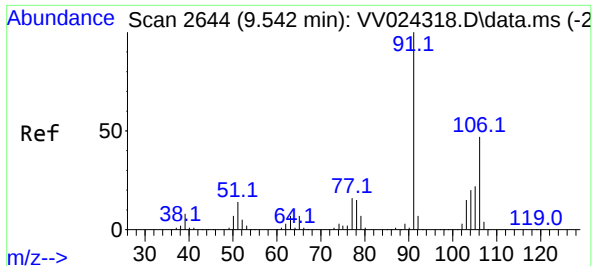
Tgt Ion: 91 Resp: 8319
Ion Ratio Lower Upper
91 100
106 35.7 22.0 41.0



#53
m,p-xylene
Concen: 0.204 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion: 106 Resp: 3394
Ion Ratio Lower Upper
106 100
91 159.0 139.5 259.1

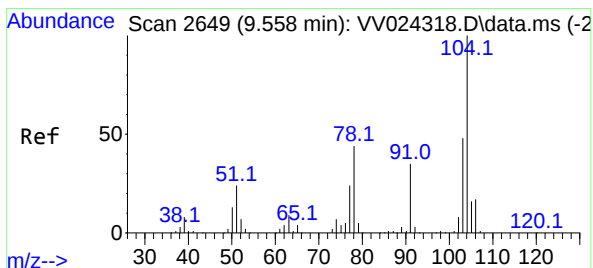
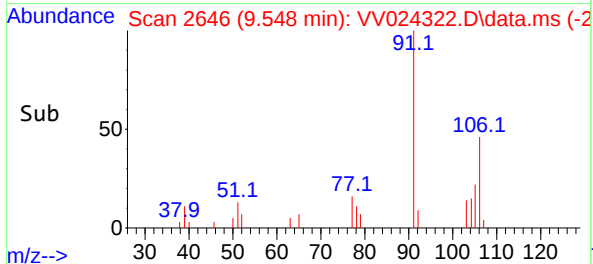
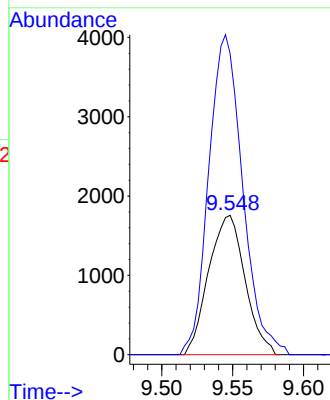
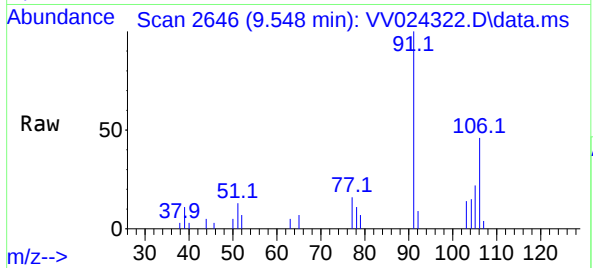




#54
o-xylene
Concen: 0.193 ug/L
RT: 9.548 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

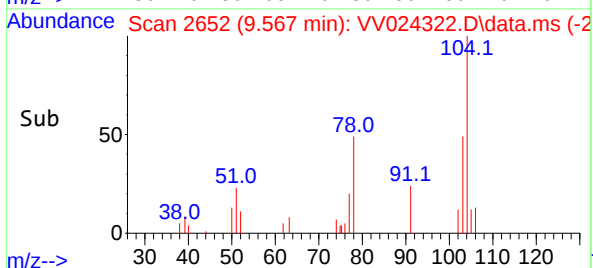
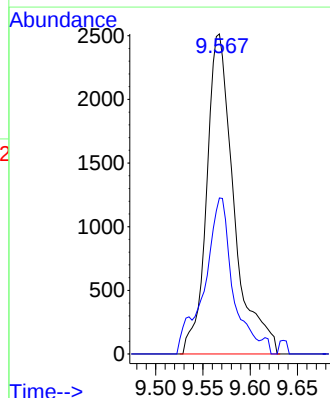
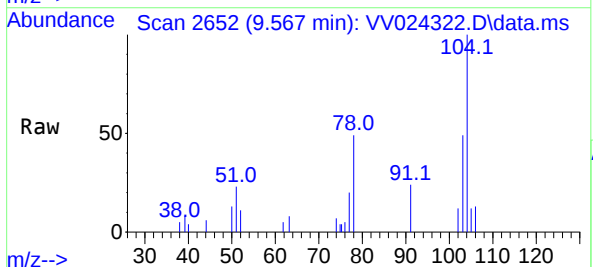
Instrument :
MSVOA_V
ClientSampleId :
MDL07

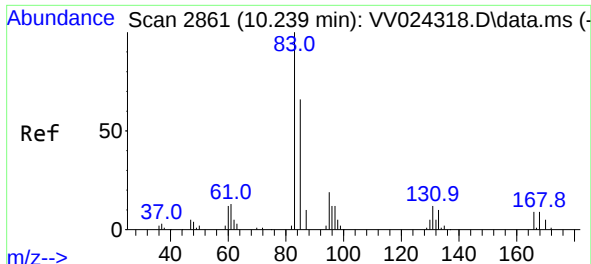
Tgt Ion:106 Resp: 3142
Ion Ratio Lower Upper
106 100
91 215.8 147.9 274.7



#55
Styrene
Concen: 0.183 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:104 Resp: 5050
Ion Ratio Lower Upper
104 100
78 48.8 31.0 57.6

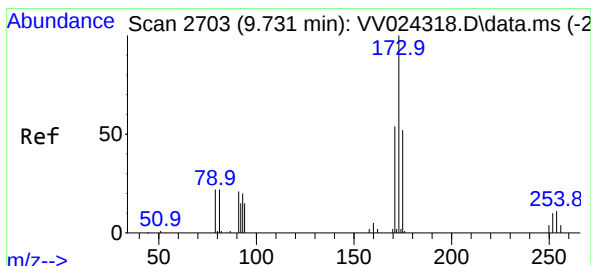
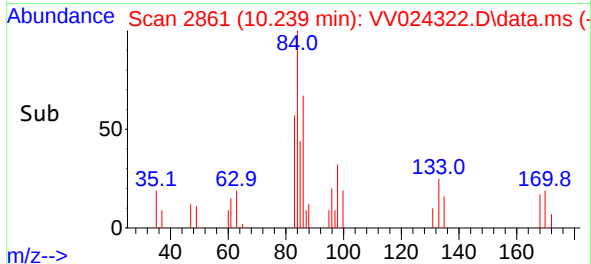
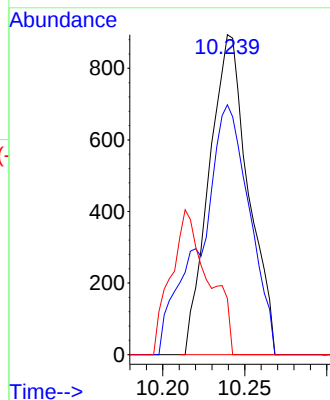
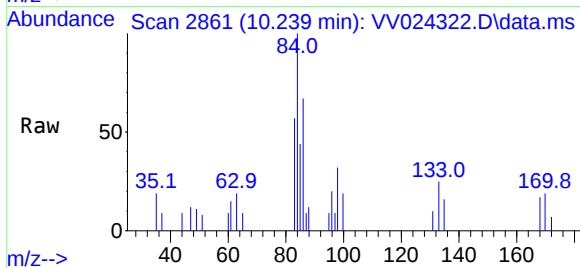




#57
1,1,2,2-Tetrachloroethane
Concen: 0.235 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

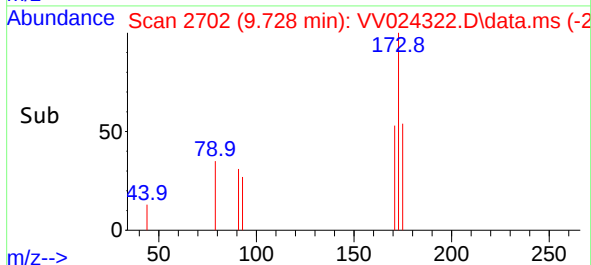
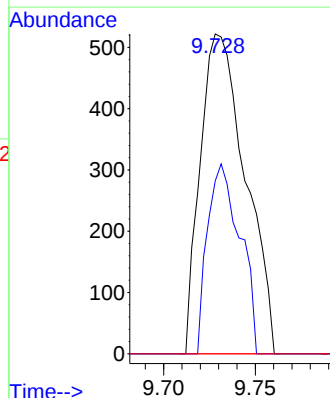
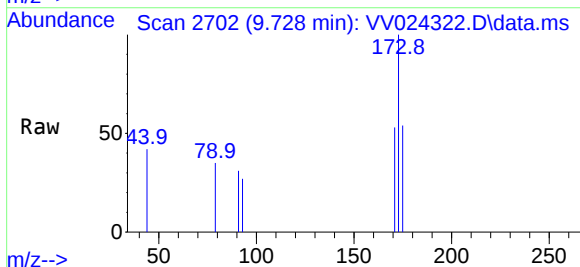
Instrument :
MSVOA_V
ClientSampleId :
MDL07

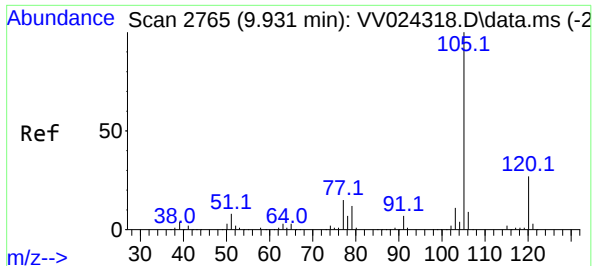
Tgt Ion: 83 Resp: 1484
Ion Ratio Lower Upper
83 100
85 78.1 44.6 82.8
131 17.6 8.3 12.5#



#59
Bromoform
Concen: 0.195 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:173 Resp: 894
Ion Ratio Lower Upper
173 100
175 42.7 39.4 59.2
254 0.0 7.4 11.0#

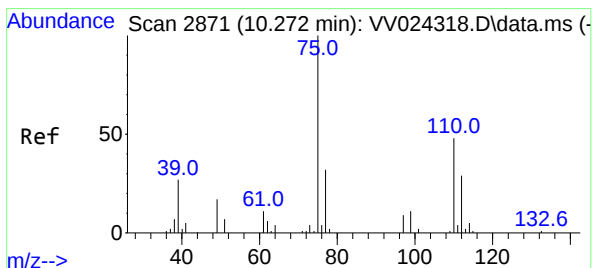
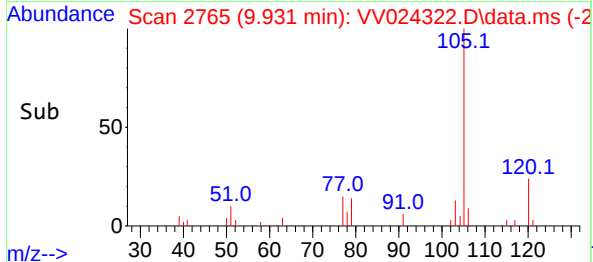
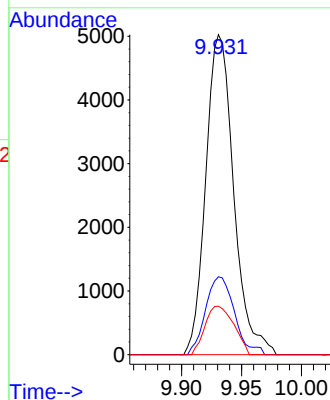
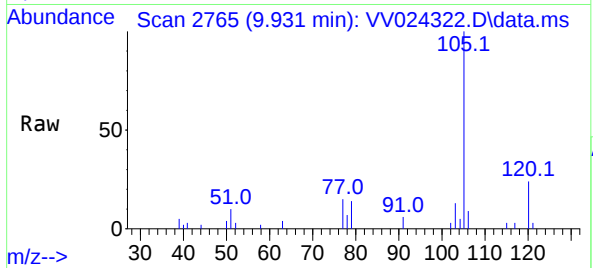




#60
Isopropylbenzene
Concen: 0.201 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

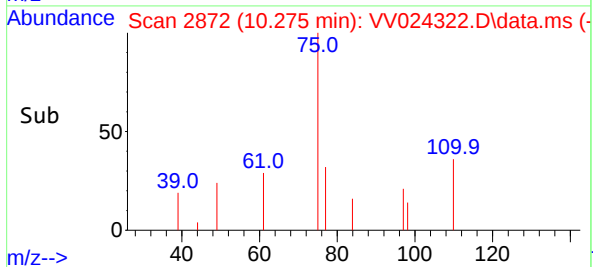
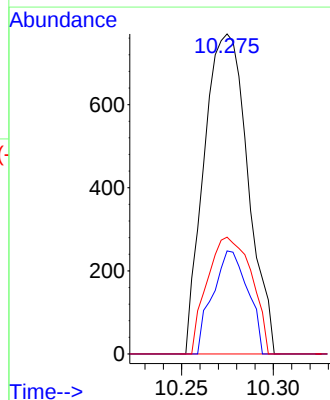
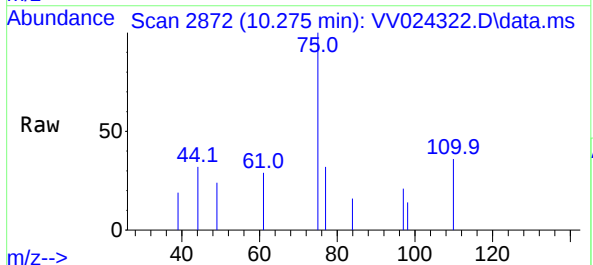
Instrument :
MSVOA_V
ClientSampleId :
MDL07

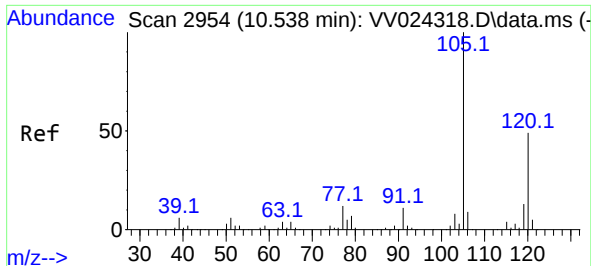
Tgt Ion:	105	Resp:	8144
Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.4	32.0
77	15.6	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 0.288 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:	75	Resp:	1279
Ion	Ratio	Lower	Upper
75	100		
77	25.8	26.4	39.6#
110	36.9	34.2	51.2

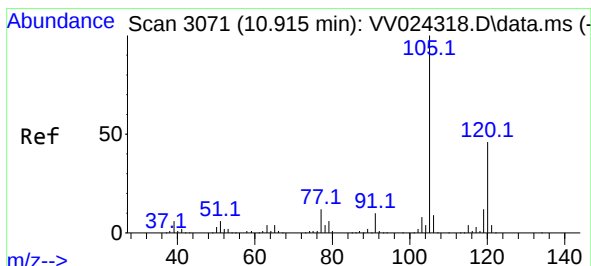
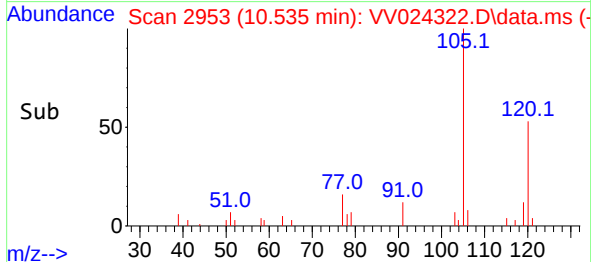
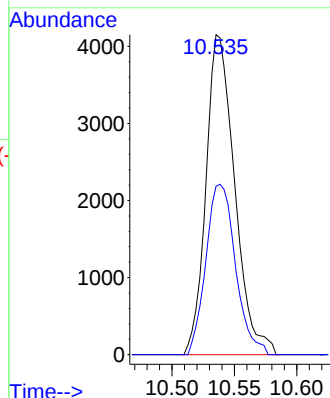
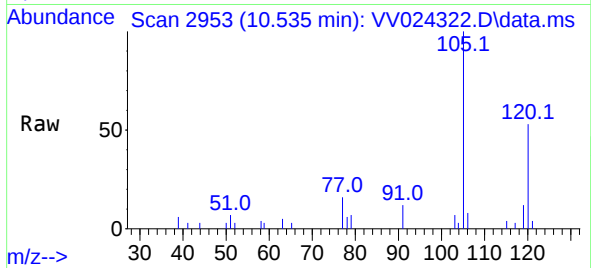




#62
1,3,5-Trimethylbenzene
Concen: 0.191 ug/L
RT: 10.535 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

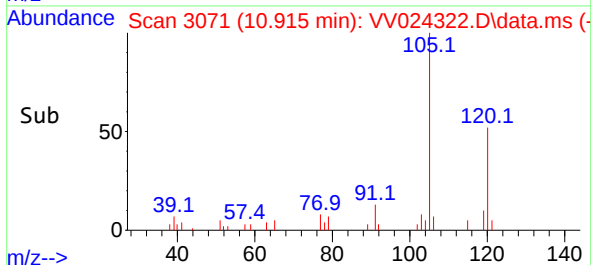
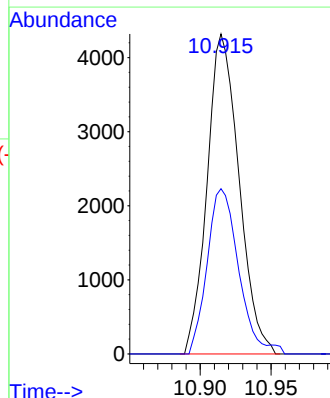
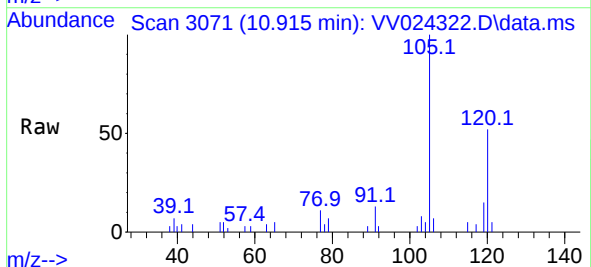
Instrument :
MSVOA_V
ClientSampleId :
MDL07

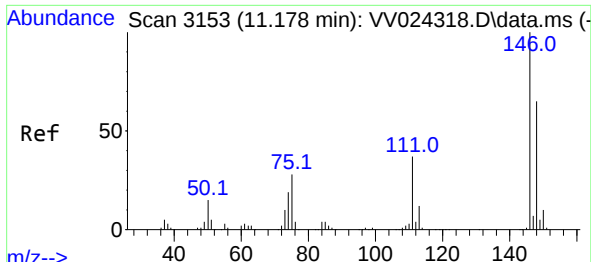
Tgt Ion:105 Resp: 6649
Ion Ratio Lower Upper
105 100
120 54.9 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 0.191 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:105 Resp: 6750
Ion Ratio Lower Upper
105 100
120 50.9 36.7 55.1

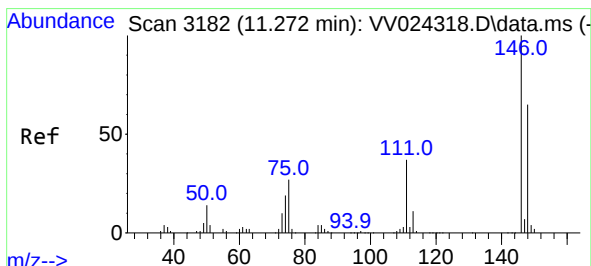
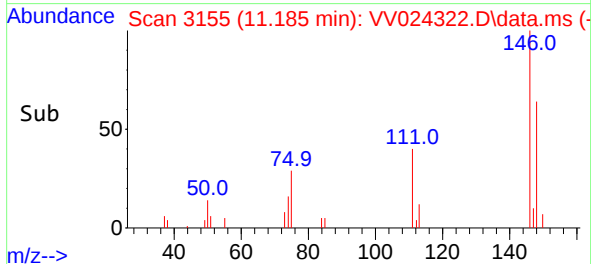
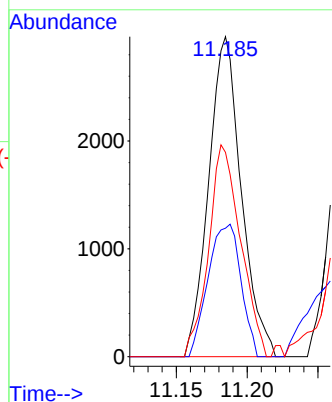
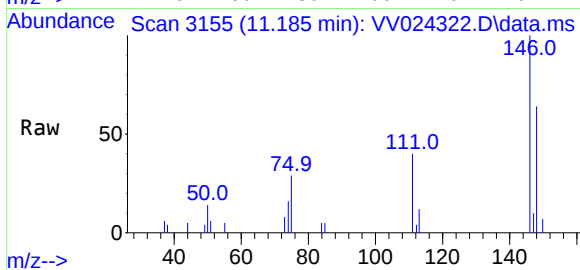




#64
1,3-Dichlorobenzene
Concen: 0.221 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

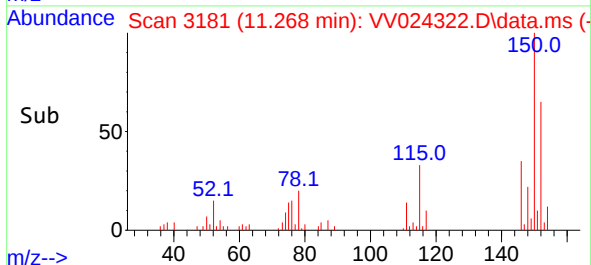
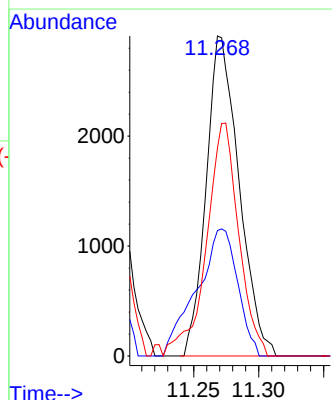
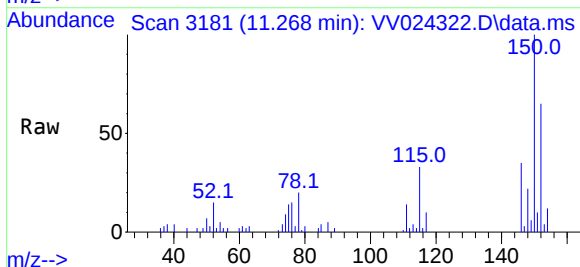
Instrument :
MSVOA_V
ClientSampleId :
MDL07

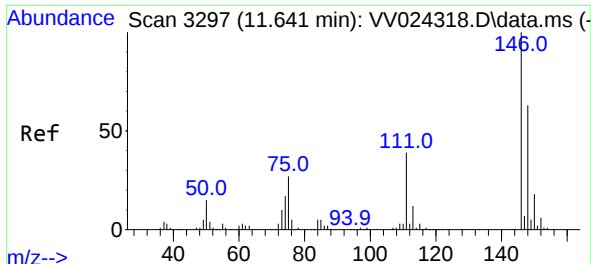
Tgt Ion:146 Resp: 4754
Ion Ratio Lower Upper
146 100
111 40.2 26.3 48.9
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.238 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:146 Resp: 5112
Ion Ratio Lower Upper
146 100
111 39.2 25.6 47.6
148 65.0 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 0.245 ug/L

RT: 11.641 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

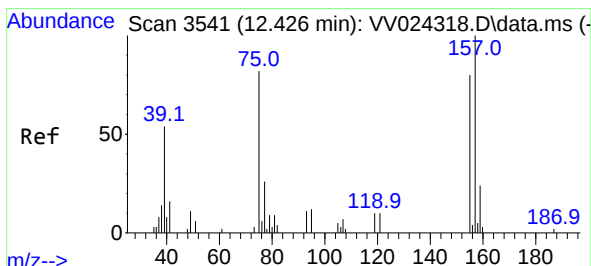
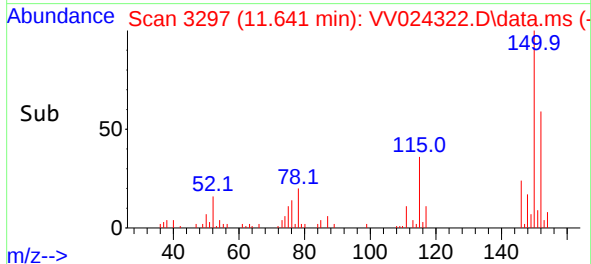
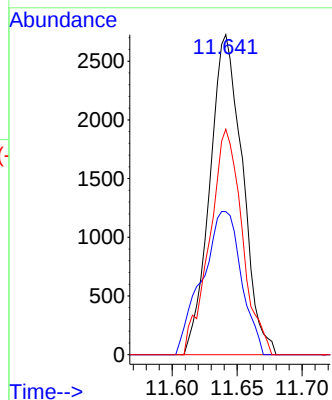
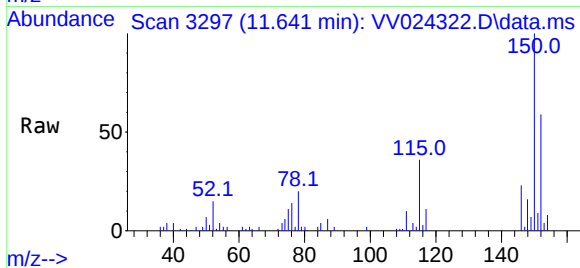
Tgt Ion:146 Resp: 4762

Ion Ratio Lower Upper

146 100

111 44.7 31.9 47.9

148 70.4 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.066 ug/L

RT: 12.439 min Scan# 3545

Delta R.T. 0.013 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

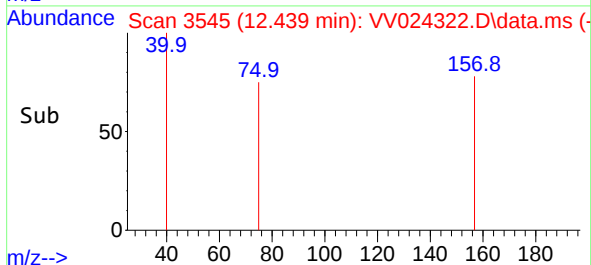
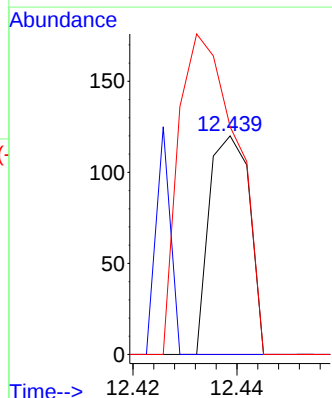
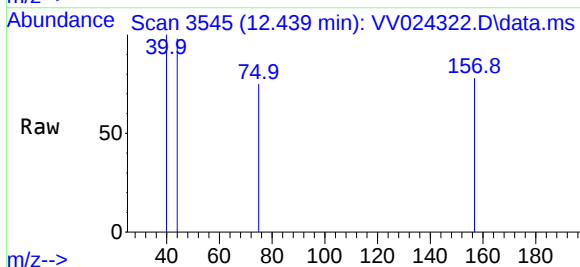
Tgt Ion: 75 Resp: 64

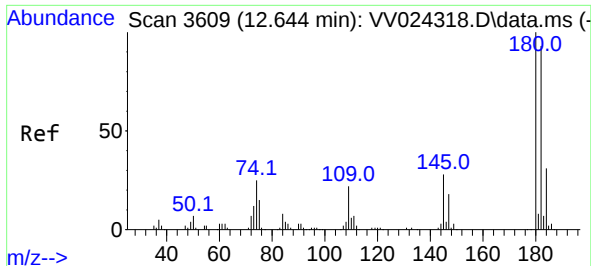
Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 104.2 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 0.223 ug/L

RT: 12.644 min Scan# 3000

Delta R.T. -0.000 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

Instrument :

MSVOA_V

ClientSampleId :

MDL07

Tgt Ion:180 Resp: 3963

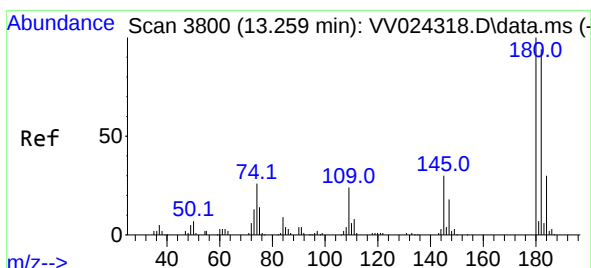
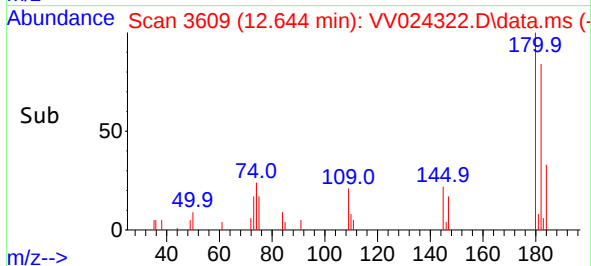
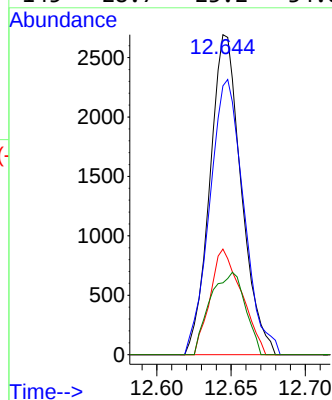
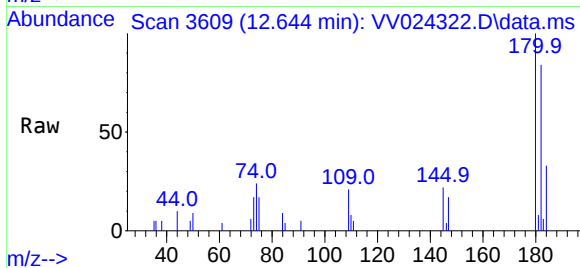
Ion Ratio Lower Upper

180 100

182 93.1 76.4 114.6

184 33.1 24.2 36.4

145 28.7 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 0.219 ug/L

RT: 13.265 min Scan# 3802

Delta R.T. 0.006 min

Lab File: VV024322.D

Acq: 10 Jan 2022 14:01

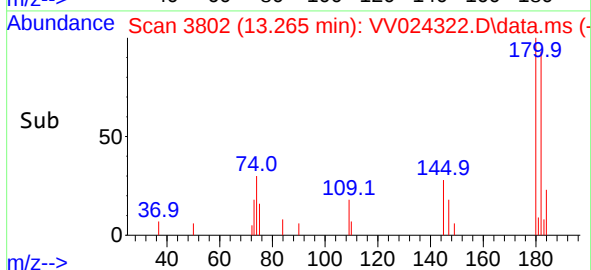
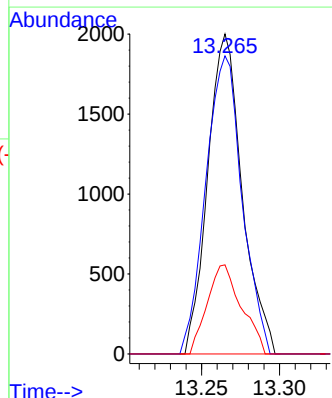
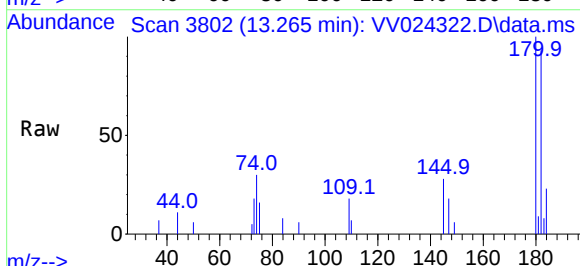
Tgt Ion:180 Resp: 3068

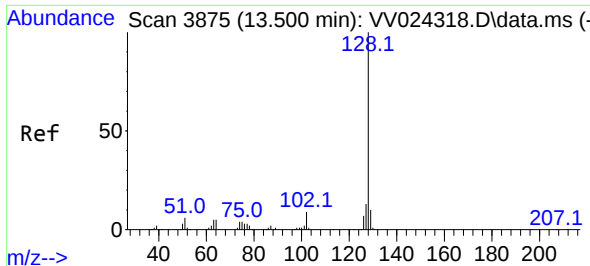
Ion Ratio Lower Upper

180 100

182 98.1 74.4 111.6

145 27.7 23.3 34.9

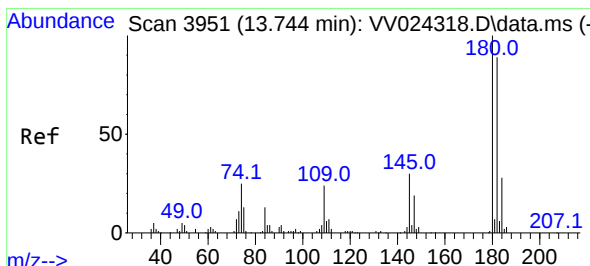
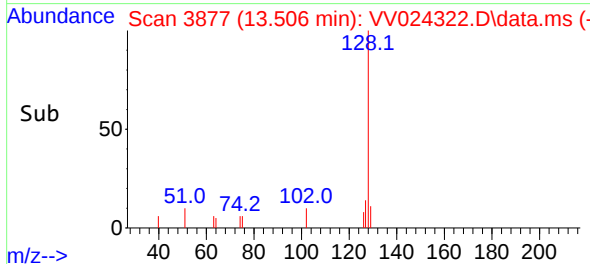
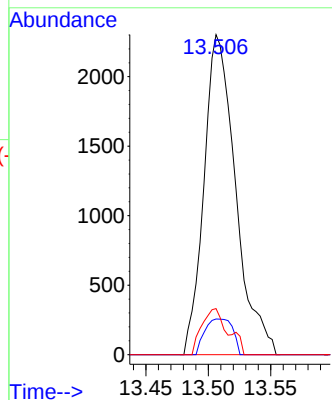
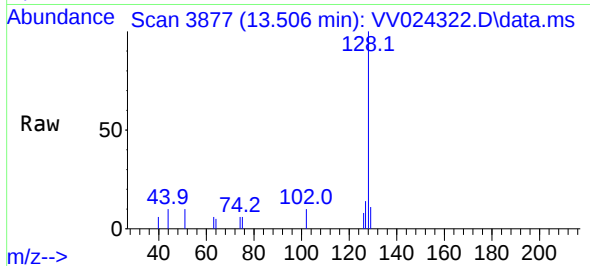




#71
Naphthalene
Concen: 0.208 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Instrument :
MSVOA_V
ClientSampleId :
MDL07

Tgt Ion:128	Resp:	4071
Ion Ratio	Lower	Upper
128	100	
129	9.8	9.0 13.4
127	11.9	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.234 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV024322.D
Acq: 10 Jan 2022 14:01

Tgt Ion:180	Resp:	2819
Ion Ratio	Lower	Upper
180	100	
182	80.1	76.8 115.2
145	26.5	25.8 38.6

