

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011022\
 Data File : VW024321.D
 Acq On : 10 Jan 2022 13:11
 Operator : SY/MD
 Sample : MDL06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Jan 11 01:58:56 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	102243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29011	3.494	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.800%	
7) Chloroethane-d5	1.568	69	25908	3.969	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.400%	
11) 1,1-Dichloroethene-d2	2.108	63	45779	2.811	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	56.200%#	
20) 2-Butanone-d5	3.912	46	50964m	47.213	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	94.420%	
24) Chloroform-d	4.346	84	67048	4.310	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.200%	
26) 1,2-Dichloroethane-d4	5.031	65	32468	4.412	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.200%	
32) Benzene-d6	5.050	84	122203	4.267	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.400%	
36) 1,2-Dichloropropane-d6	6.066	67	35098	4.715	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.313	98	110806	3.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.622	79	13386	3.926	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.600%	
46) 2-Hexanone-d5	8.088	63	45111	42.335	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.680%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	24622	4.545	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46698	4.837	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	3274	0.255	ug/L	99
3) Chloromethane	1.240	50	2260	0.263	ug/L	97
5) Vinyl chloride	1.310	62	2574	0.272	ug/L #	77
6) Bromomethane	1.523	94	1598	0.255	ug/L	84
8) Chloroethane	1.584	64	1990	0.334	ug/L	93
9) Trichlorofluoromethane	1.754	101	4588	0.245	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	3082	0.326	ug/L	91
12) 1,1-Dichloroethene	2.114	96	2383	0.295	ug/L #	1
13) Acetone	2.233	43	2820m	2.717	ug/L	
14) Carbon disulfide	2.294	76	4689	0.247	ug/L #	94
15) Methyl Acetate	2.445	43	485	0.223	ug/L #	67
16) Methylene chloride	2.507	84	4581	0.370	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	4803	0.248	ug/L #	94
18) trans-1,2-Dichloroethene	2.764	96	2278	0.265	ug/L	82
19) 1,1-Dichloroethane	3.188	63	4111	0.269	ug/L	91
21) 2-Butanone	4.056	43	3432m	2.438	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	2575	0.273	ug/L	75
23) Bromochloromethane	4.240	128	1016m	0.242	ug/L	
25) Chloroform	4.368	83	5925	0.325	ug/L	87

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 Response via : Initial Calibration

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

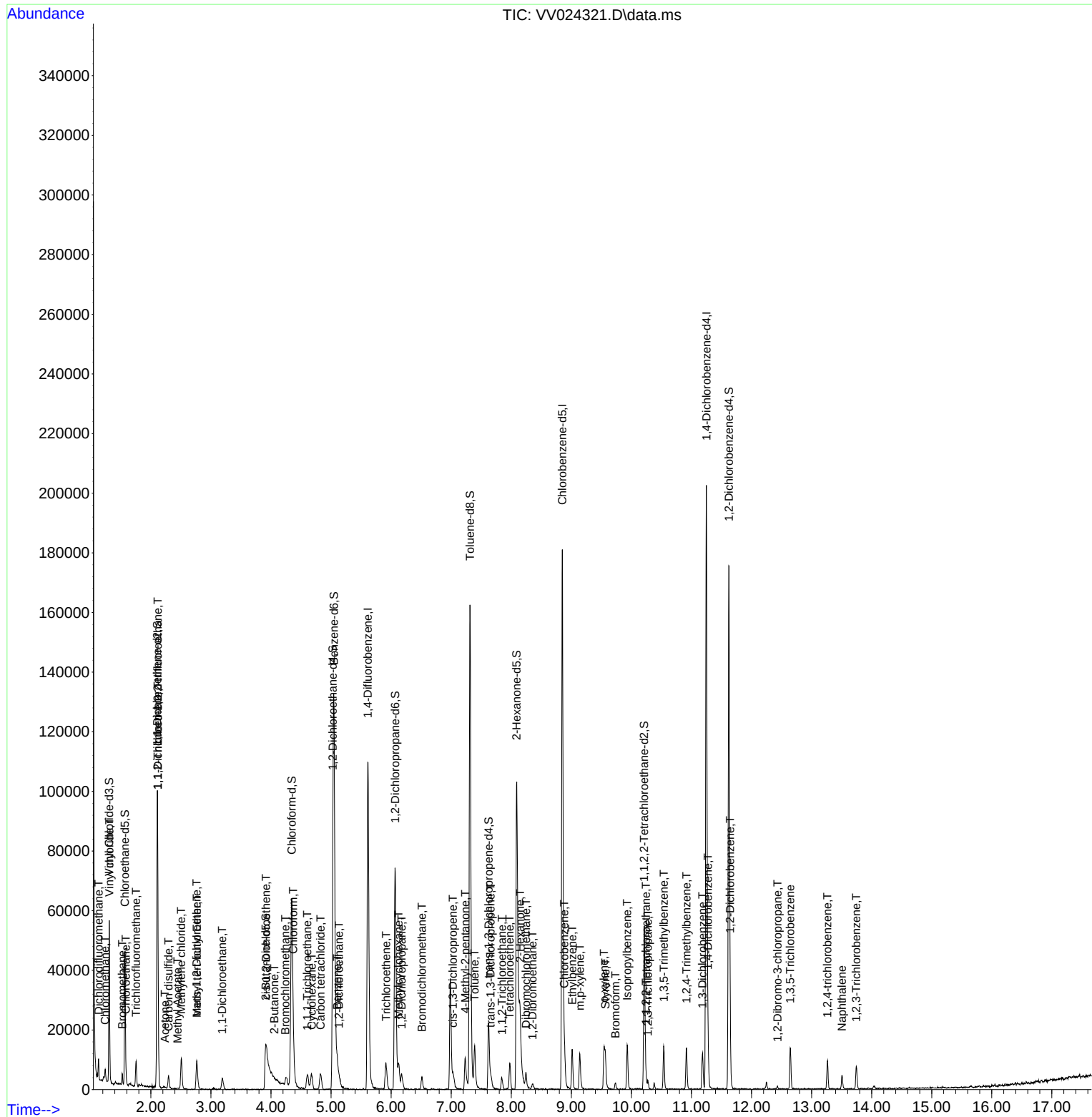
27) 1,2-Dichloroethane	5.130	62	2559m	0.253	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	4557	0.260	ug/L	95
30) Cyclohexane	4.677	56	2520	0.228	ug/L #	84
31) Carbon tetrachloride	4.825	117	3826	0.240	ug/L	97
33) Benzene	5.101	78	8795m	0.261	ug/L	
34) Trichloroethene	5.918	95	2417	0.256	ug/L	95
35) Methylcyclohexane	6.124	83	3006	0.228	ug/L	97
37) 1,2-Dichloropropane	6.175	63	2195	0.281	ug/L #	84
38) Bromodichloromethane	6.513	83	3349	0.272	ug/L #	92
39) cis-1,3-Dichloropropene	7.030	75	3297	0.277	ug/L	99
40) 4-Methyl-2-pentanone	7.233	43	7893	1.972	ug/L #	86
42) Toluene	7.391	91	10573	0.272	ug/L	95
44) trans-1,3-Dichloropropene	7.654	75	2560	0.239	ug/L	98
45) 1,1,2-Trichloroethane	7.847	97	1544	0.243	ug/L #	85
47) Tetrachloroethene	7.976	164	2074	0.236	ug/L	95
48) 2-Hexanone	8.146	43	13639	4.619	ug/L	98
49) Dibromochloromethane	8.246	129	2299	0.263	ug/L	96
50) 1,2-Dibromoethane	8.352	107	1481	0.257	ug/L #	98
51) Chlorobenzene	8.882	112	6878	0.257	ug/L	98
52) Ethylbenzene	9.014	91	9655	0.227	ug/L	99
53) m,p-xylene	9.143	106	3777	0.221	ug/L	88
54) o-xylene	9.545	106	3687	0.221	ug/L	85
55) Styrene	9.567	104	6192	0.220	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	1672	0.259	ug/L #	82
59) Bromoform	9.735	173	1237	0.267	ug/L #	82
60) Isopropylbenzene	9.931	105	9846	0.240	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	1383	0.308	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.538	105	7777	0.221	ug/L	95
63) 1,2,4-Trimethylbenzene	10.918	105	8188	0.229	ug/L	95
64) 1,3-Dichlorobenzene	11.185	146	5603	0.257	ug/L	96
65) 1,4-Dichlorobenzene	11.275	146	5726	0.264	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	5274	0.268	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.432	75	319	0.324	ug/L #	64
69) 1,3,5-Trichlorobenzene	12.644	180	4551	0.253	ug/L	95
70) 1,2,4-trichlorobenzene	13.262	180	3440	0.243	ug/L	98
71) Naphthalene	13.506	128	4326	0.219	ug/L #	91
72) 1,2,3-Trichlorobenzene	13.744	180	2817	0.231	ug/L	99

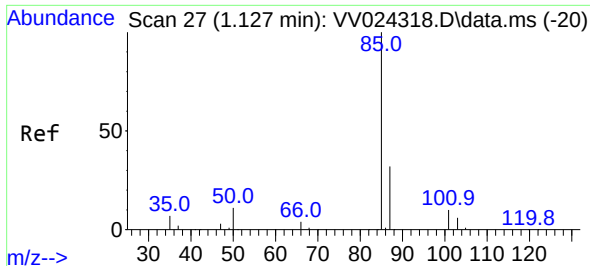
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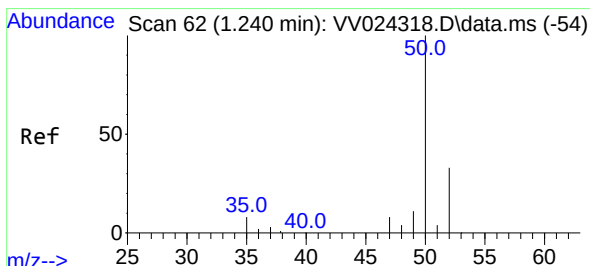
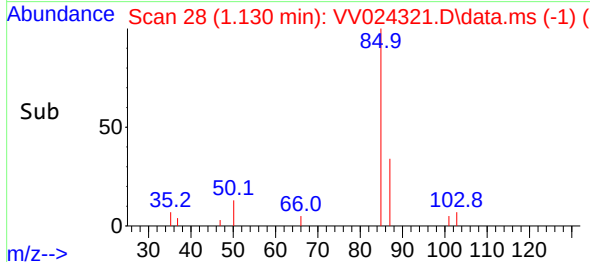
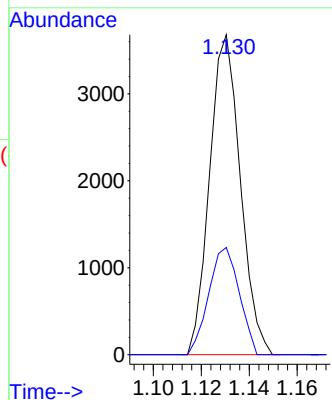
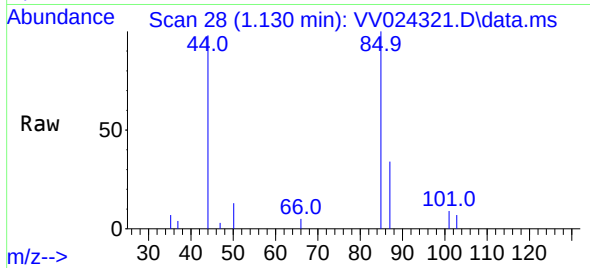




#2
 Dichlorodifluoromethane
 Concen: 0.255 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV024321.D
 Acq: 10 Jan 2022 13:11

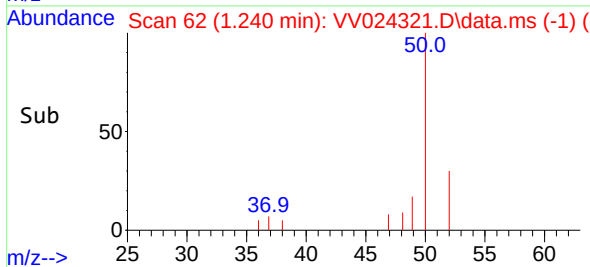
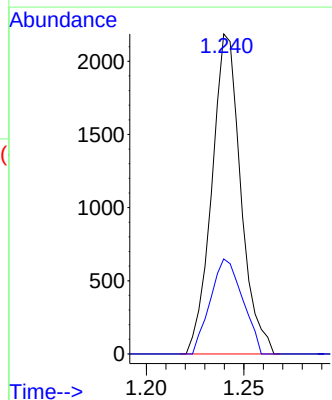
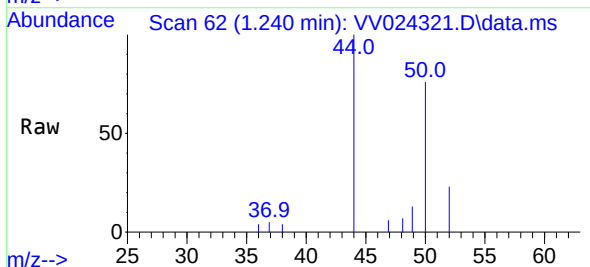
Instrument :
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 ClientSampleId :
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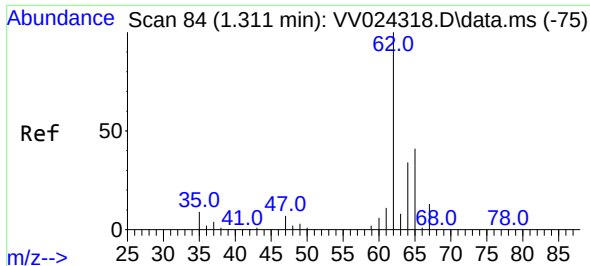
Tgt Ion: 85 Resp: 3274
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.0 39.0



#3
 Chloromethane
 Concen: 0.263 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024321.D
 Acq: 10 Jan 2022 13:11

Tgt Ion: 50 Resp: 2260
 Ion Ratio Lower Upper
 50 100
 52 29.7 22.0 41.0

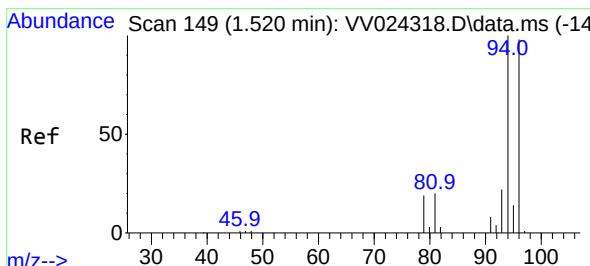
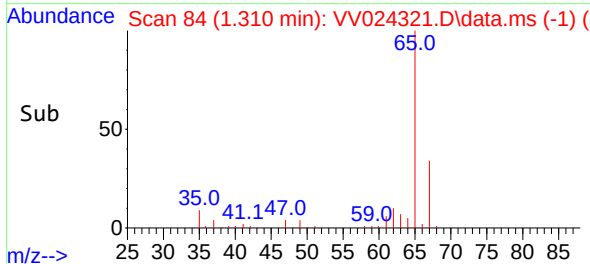
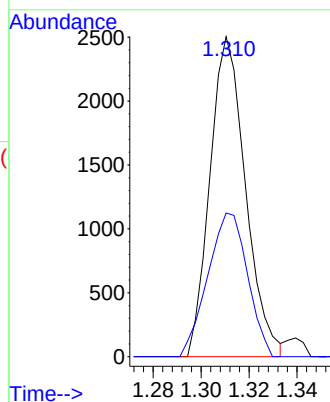
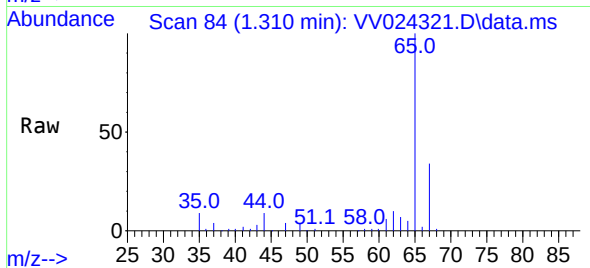




#5
 Vinyl chloride
 Concen: 0.272 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024321.D
 Acq: 10 Jan 2022 13:11

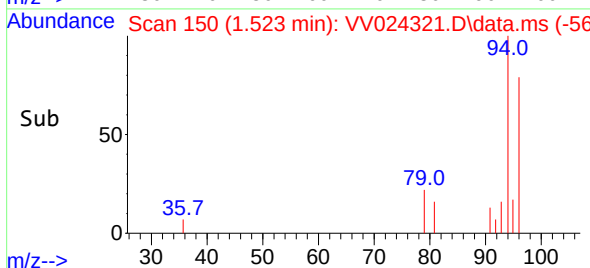
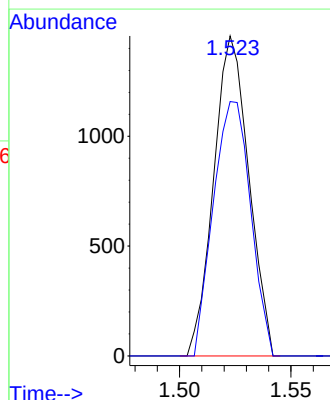
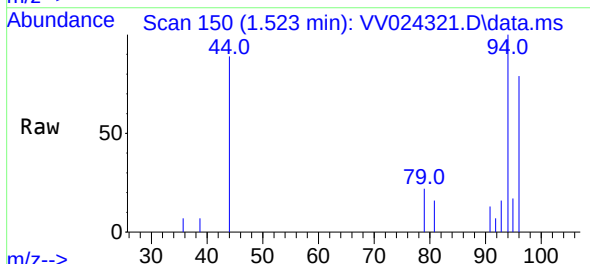
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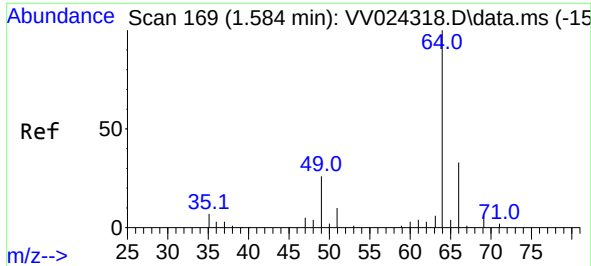
Tgt Ion: 62 Resp: 2574
 Ion Ratio Lower Upper
 62 100
 64 44.9 22.4 41.6#



#6
 Bromomethane
 Concen: 0.255 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024321.D
 Acq: 10 Jan 2022 13:11

Tgt Ion: 94 Resp: 1598
 Ion Ratio Lower Upper
 94 100
 96 79.5 66.2 123.0

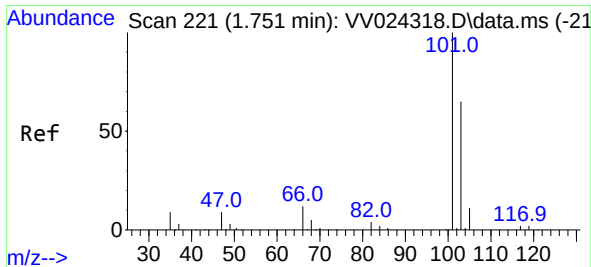
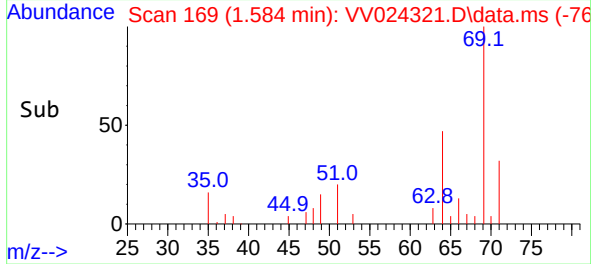
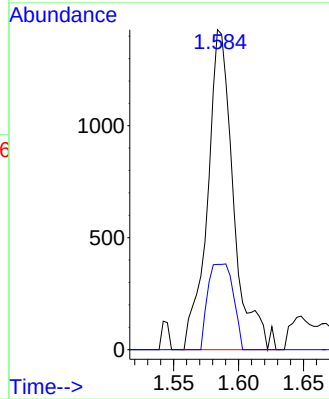
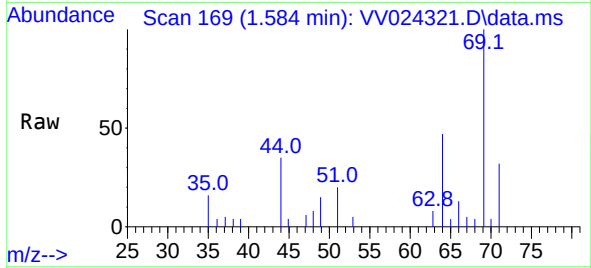




#8
Chloroethane
Concen: 0.334 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

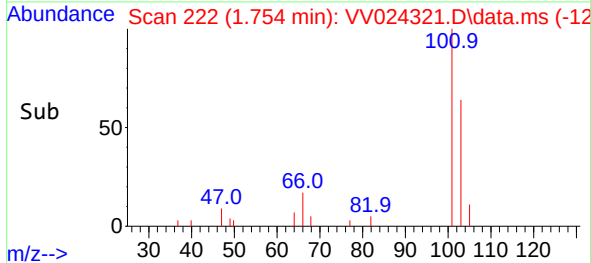
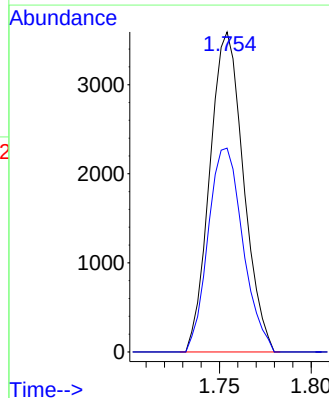
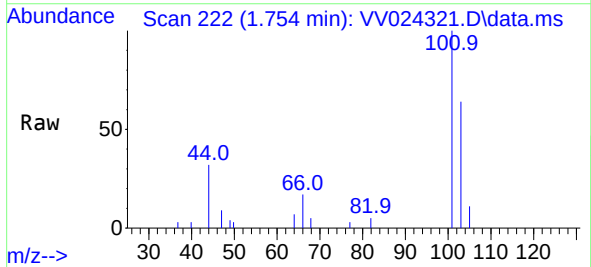
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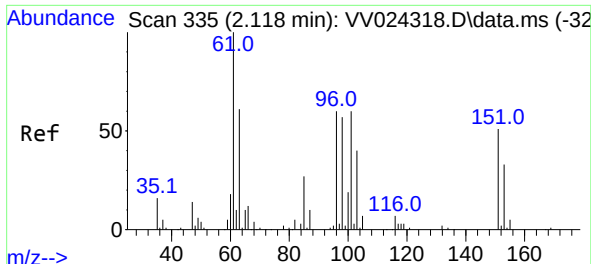
Tgt Ion: 64 Resp: 1990
Ion Ratio Lower Upper
64 100
66 26.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.245 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:101 Resp: 4588
Ion Ratio Lower Upper
101 100
103 65.7 51.6 77.4

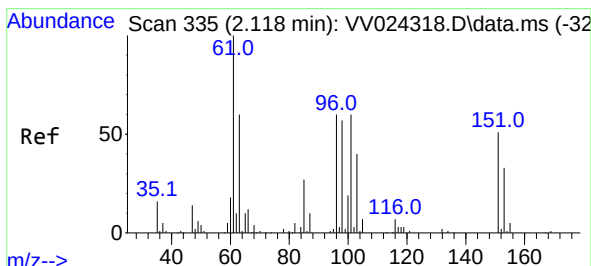
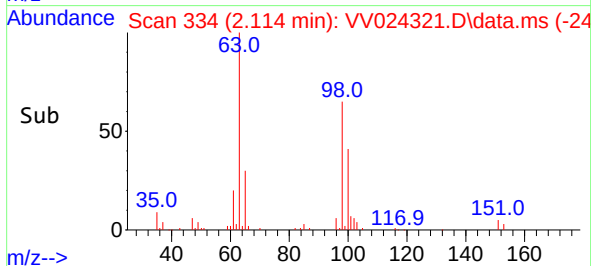
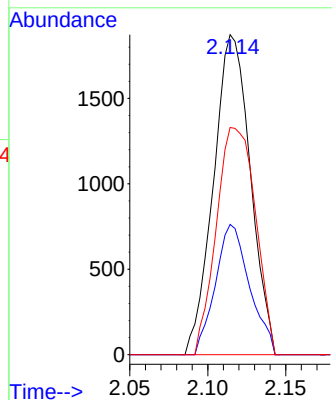
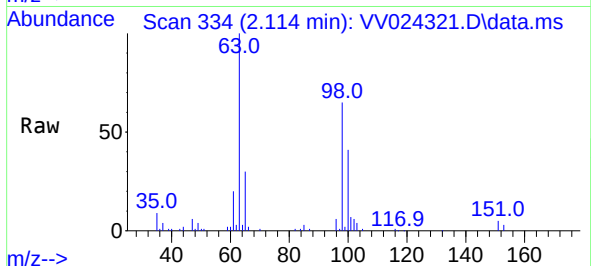




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.326 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

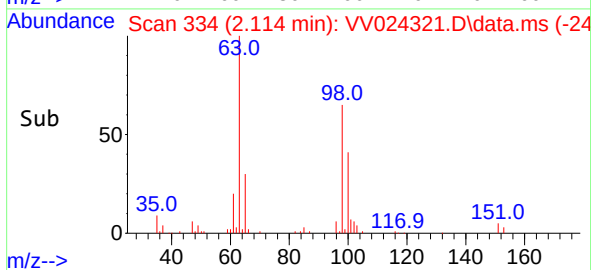
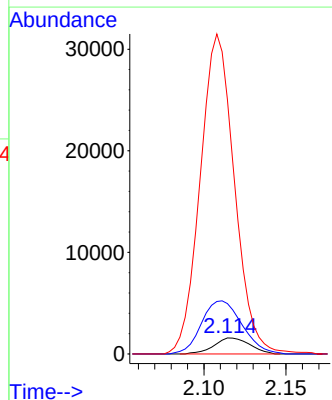
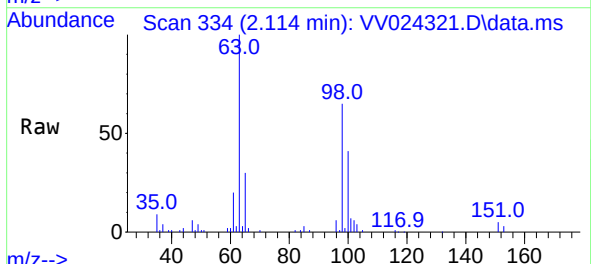
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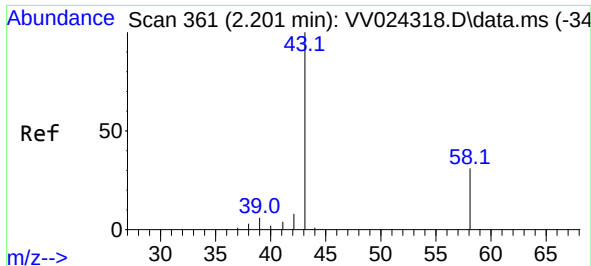
Tgt Ion:101 Resp: 3082
Ion Ratio Lower Upper
101 100
85 37.8 36.0 54.0
151 75.3 66.4 99.6



#12
1,1-Dichloroethene
Concen: 0.295 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 96 Resp: 2383
Ion Ratio Lower Upper
96 100
61 315.9 116.1 215.5#
63 1597.5 79.4 147.4#

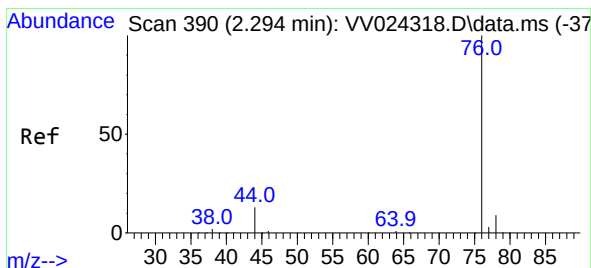
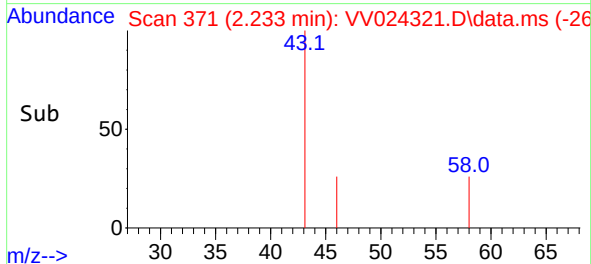
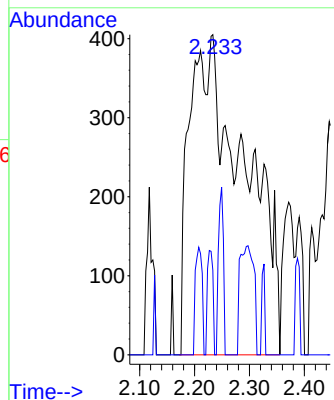
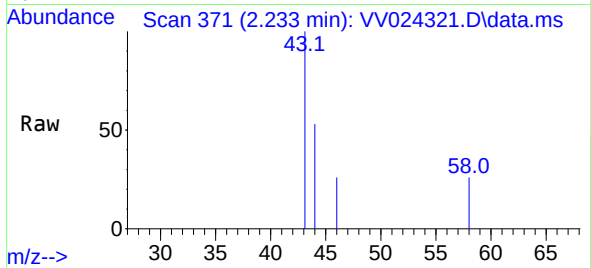




#13
Acetone
Concen: 2.717 ug/L m
RT: 2.233 min Scan# 31
Delta R.T. 0.032 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

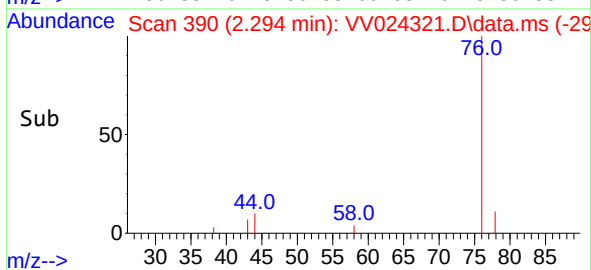
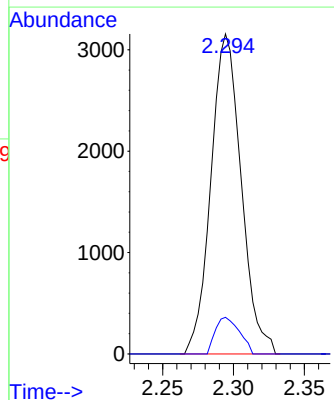
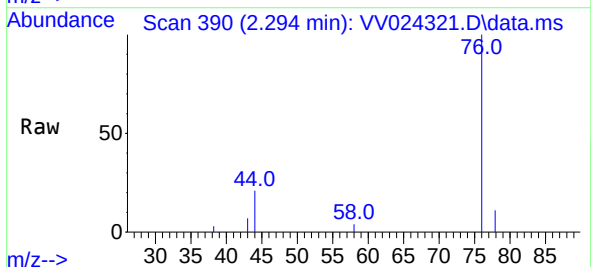
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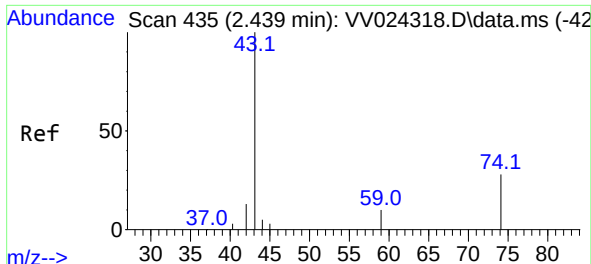
Tgt Ion: 43 Resp: 2820
Ion Ratio Lower Upper
43 100
58 4.1 0.0 41.4



#14
Carbon disulfide
Concen: 0.247 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 76 Resp: 4689
Ion Ratio Lower Upper
76 100
78 11.4 7.5 11.3#

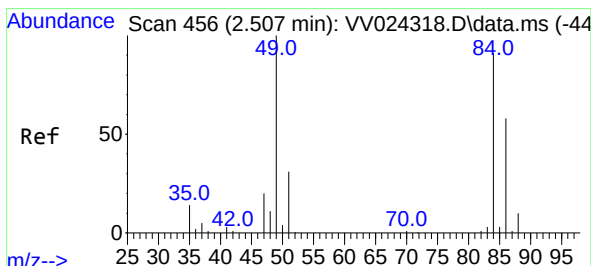
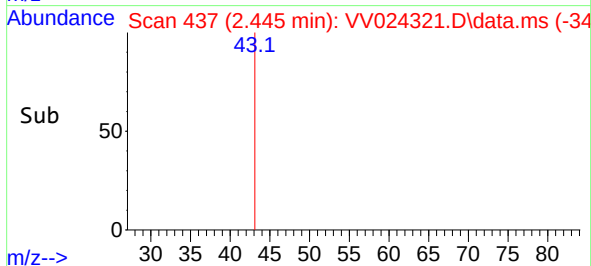
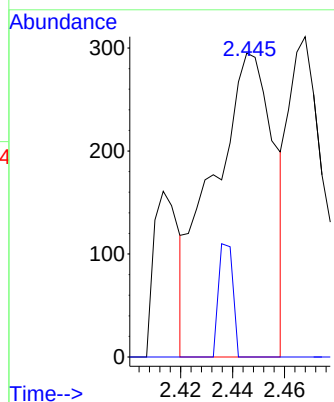
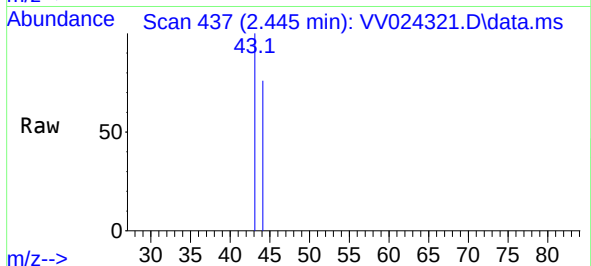




#15
Methyl Acetate
Concen: 0.223 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

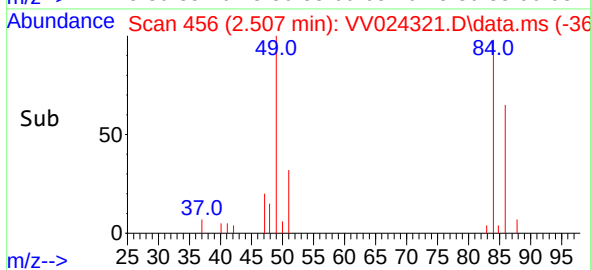
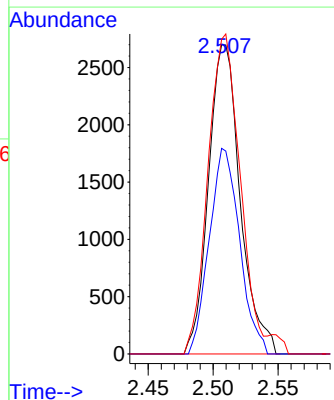
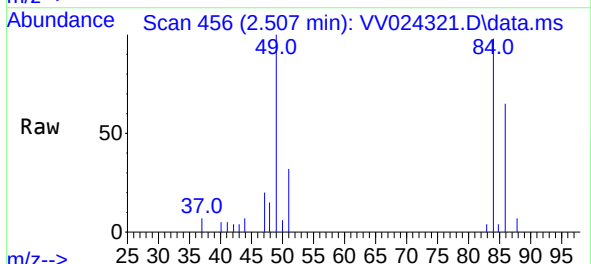
Instrument :
MSVOA_V
ClientSampleId :
MDL06

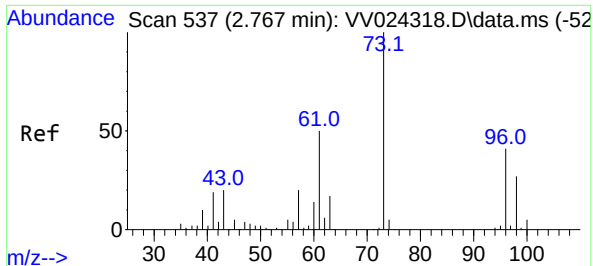
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
74 8.7 20.2 30.2#



#16
Methylene chloride
Concen: 0.370 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

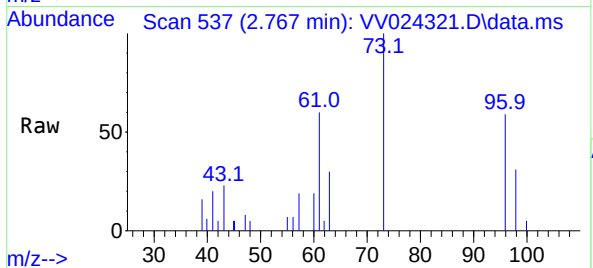
Tgt Ion: 84 Resp: 4581
Ion Ratio Lower Upper
84 100
86 66.5 42.6 79.0
49 101.8 79.7 147.9



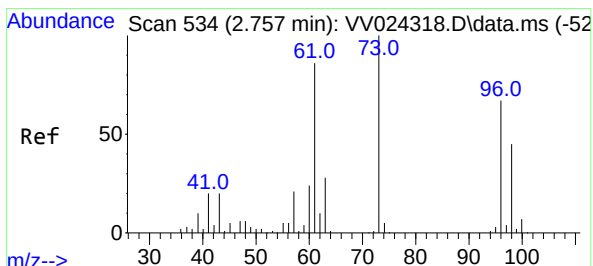
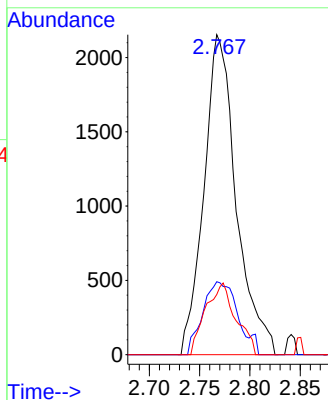
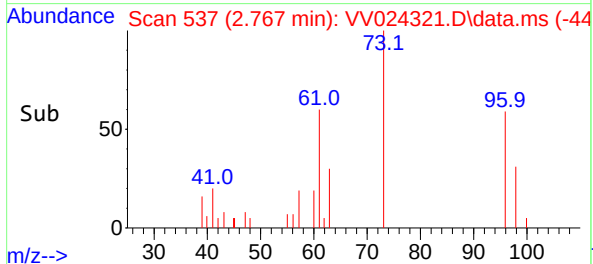


#17
Methyl tert-butyl Ether
Concen: 0.248 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

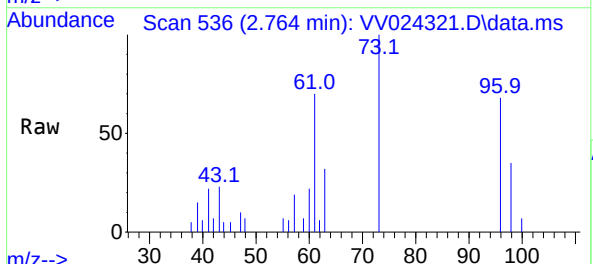
Instrument :
MSVOA_V
ClientSampleId :
MDL06



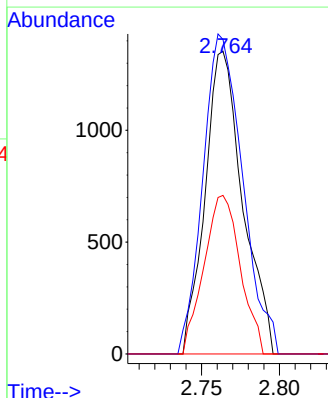
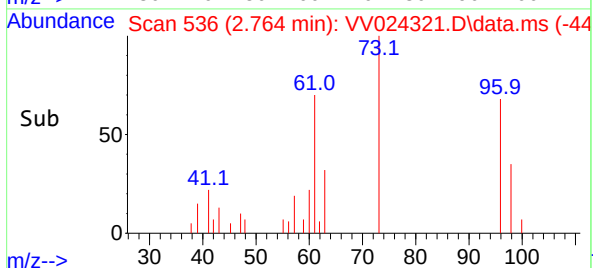
Tgt Ion: 73 Resp: 4803
Ion Ratio Lower Upper
73 100
43 24.8 15.5 23.3#
57 21.0 17.1 25.7

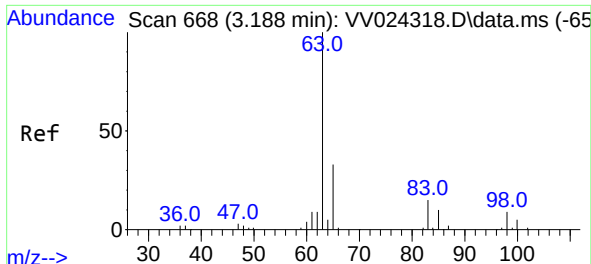


#18
trans-1,2-Dichloroethene
Concen: 0.265 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11



Tgt Ion: 96 Resp: 2278
Ion Ratio Lower Upper
96 100
61 103.8 88.2 163.8
98 52.4 44.9 83.5

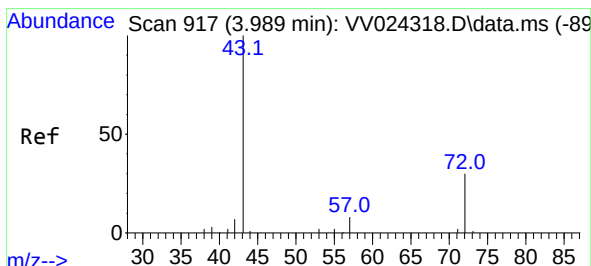
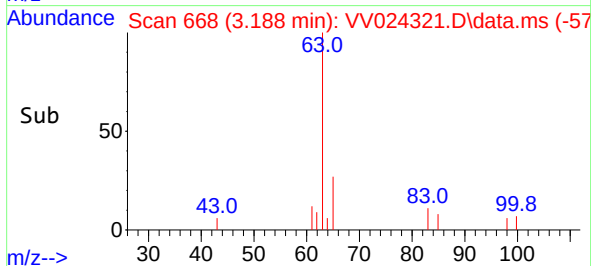
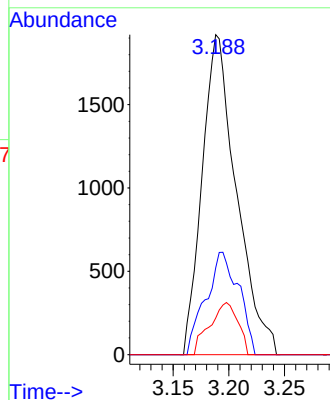
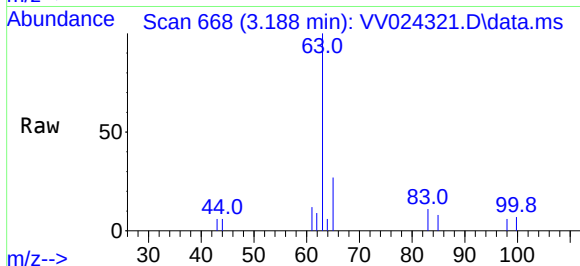




#19
1,1-Dichloroethane
Concen: 0.269 ug/L
RT: 3.188 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

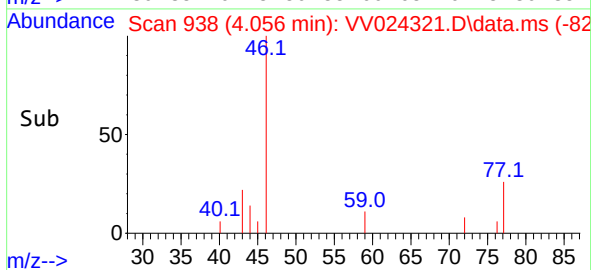
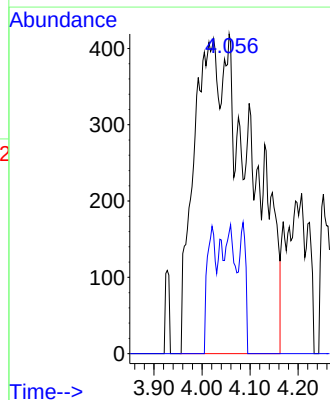
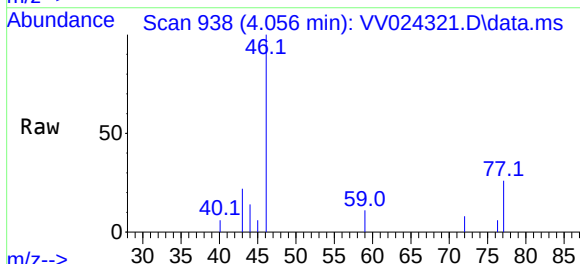
Instrument :
MSVOA_V
ClientSampleId :
MDL06

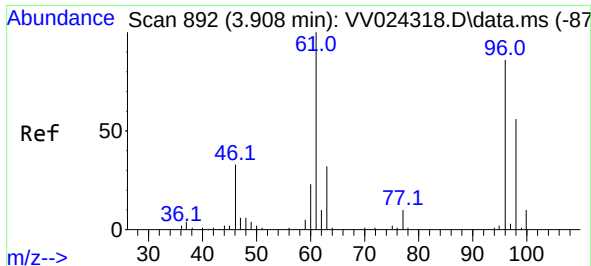
Tgt Ion: 63 Resp: 4111
Ion Ratio Lower Upper
63 100
65 27.1 22.3 41.3
83 11.5 10.7 19.9



#21
2-Butanone
Concen: 2.438 ug/L m
RT: 4.056 min Scan# 938
Delta R.T. 0.067 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 43 Resp: 3432
Ion Ratio Lower Upper
43 100
72 6.0 11.1 33.1#



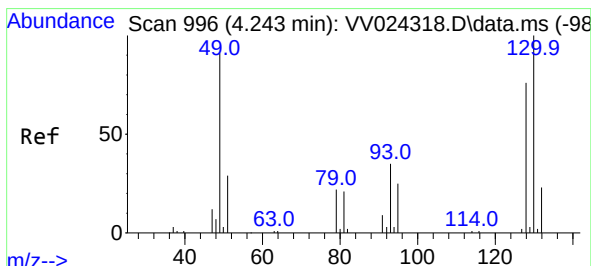
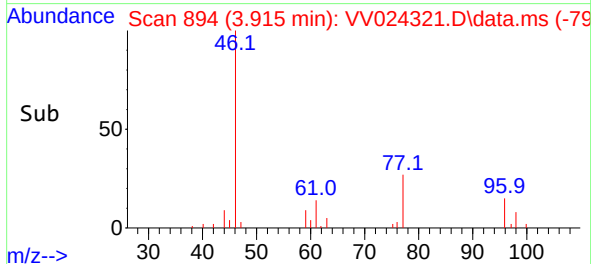
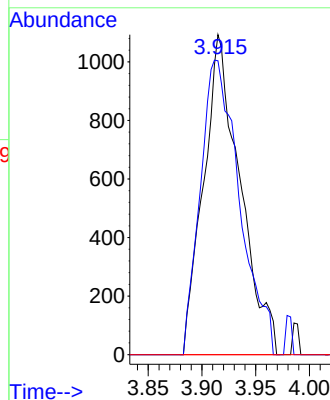
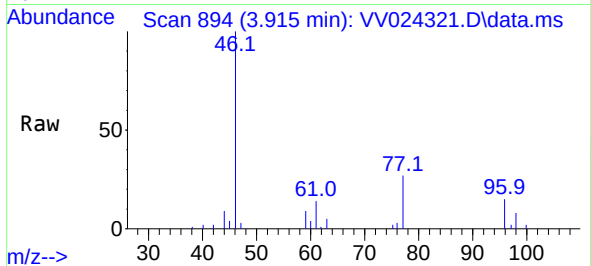


#22
 cis-1,2-Dichloroethene
 Concen: 0.273 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV024321.D
 Acq: 10 Jan 2022 13:11

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion: 96 Resp: 2575

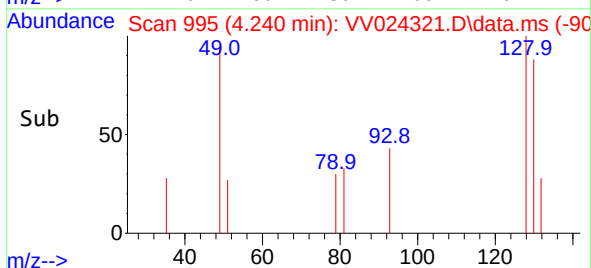
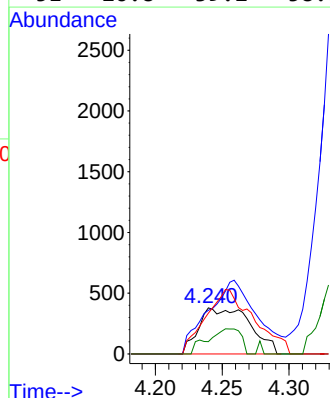
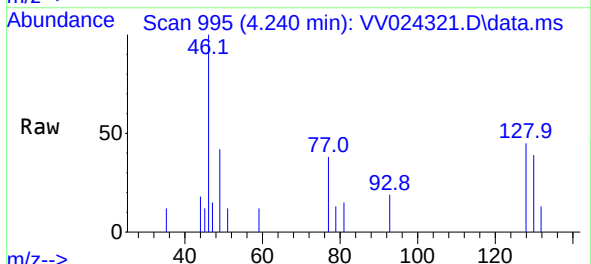
Ion	Ratio	Lower	Upper
96	100		
61	91.9	83.4	154.8
68	0.0	0.0	0.0

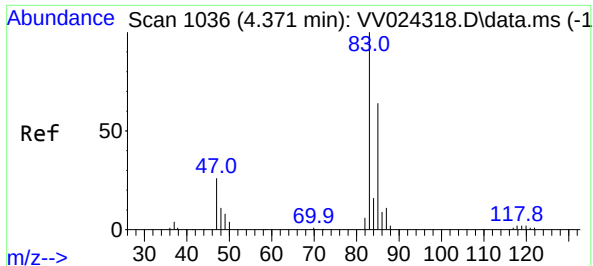


#23
 Bromochloromethane
 Concen: 0.242 ug/L m
 RT: 4.240 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV024321.D
 Acq: 10 Jan 2022 13:11

Tgt Ion: 128 Resp: 1016

Ion	Ratio	Lower	Upper
128	100		
49	94.5	100.2	186.2#
130	88.4	92.5	171.7#
51	26.8	39.2	58.8#





#25

Chloroform

Concen: 0.325 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

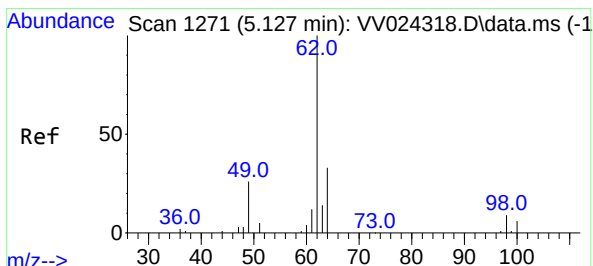
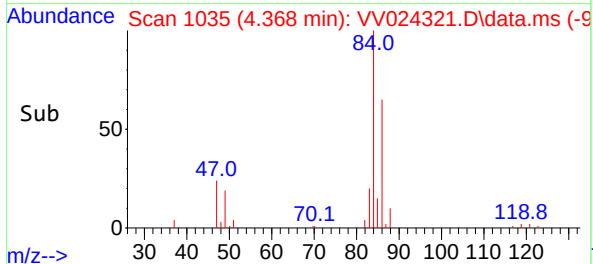
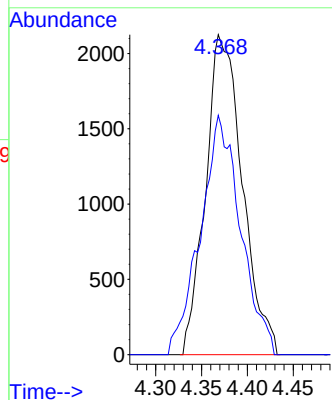
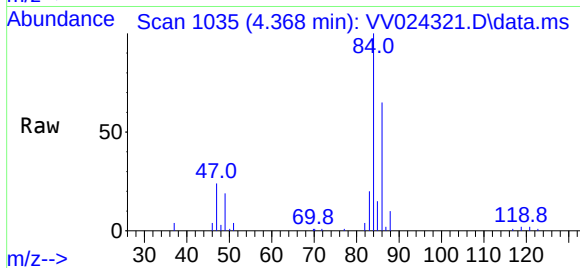
MDL06

Tgt Ion: 83 Resp: 5925

Ion Ratio Lower Upper

83 100

85 74.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.253 ug/L m

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV024321.D

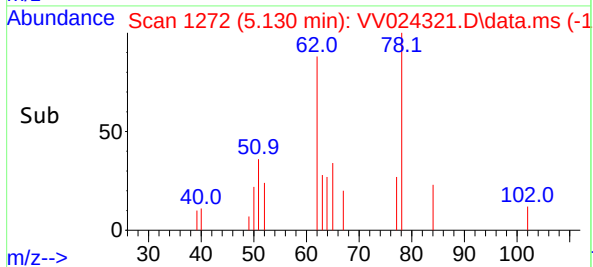
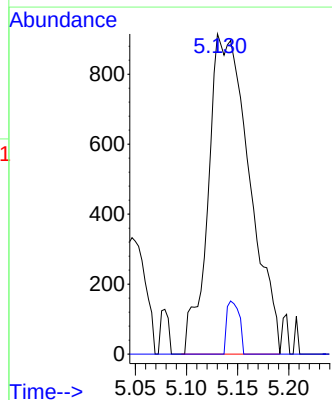
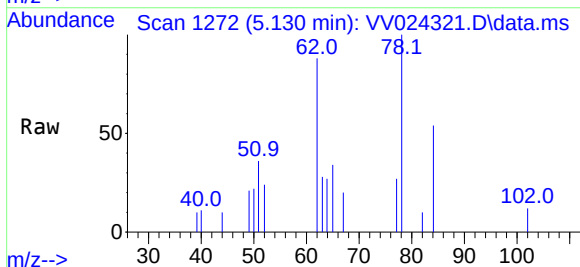
Acq: 10 Jan 2022 13:11

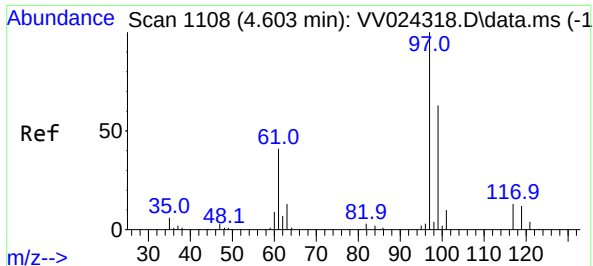
Tgt Ion: 62 Resp: 2559

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 0.260 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL06

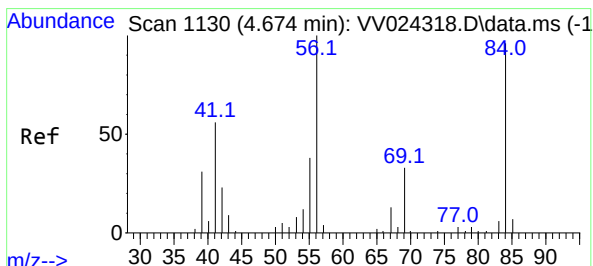
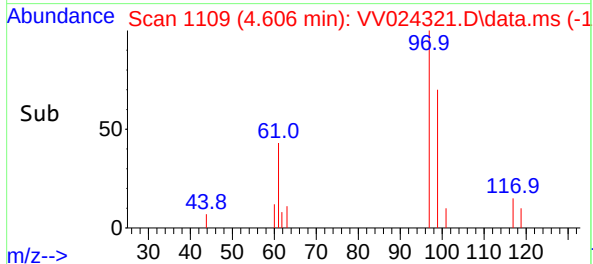
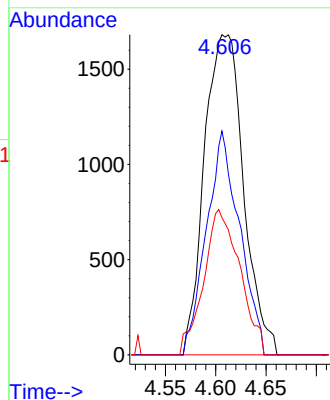
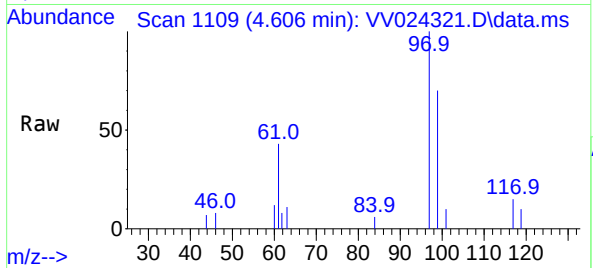
Tgt Ion: 97 Resp: 4557

Ion Ratio Lower Upper

97 100

99 59.2 51.9 77.9

61 42.0 33.2 49.8



#30

Cyclohexane

Concen: 0.228 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

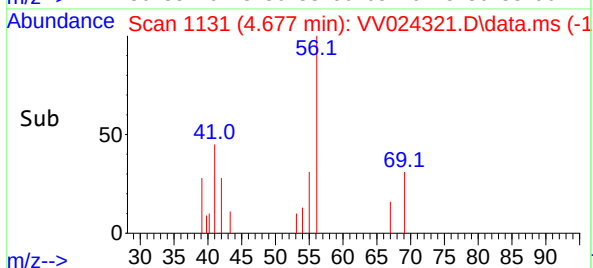
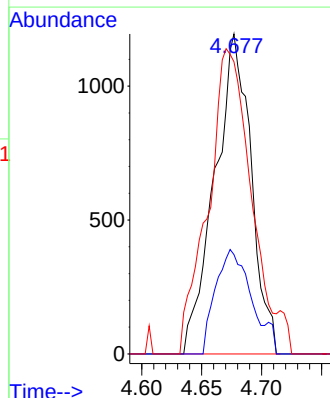
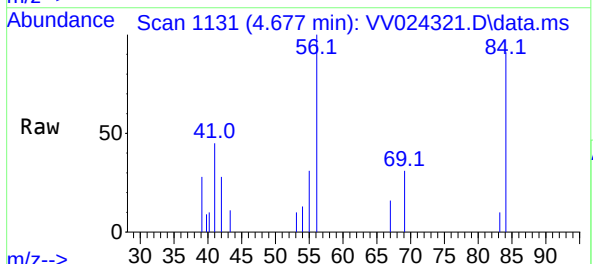
Tgt Ion: 56 Resp: 2520

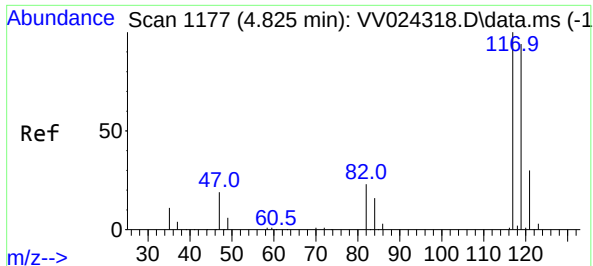
Ion Ratio Lower Upper

56 100

69 32.3 24.8 37.2

84 114.1 75.9 113.9#

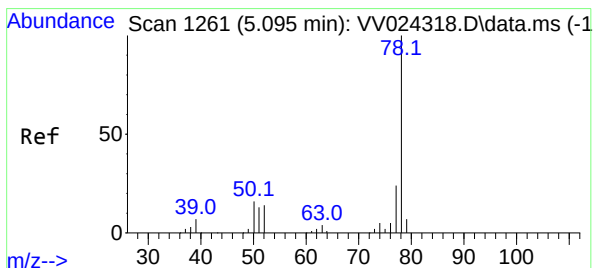
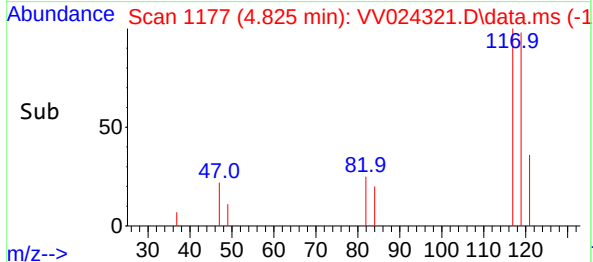
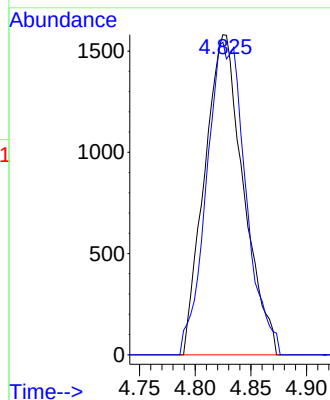
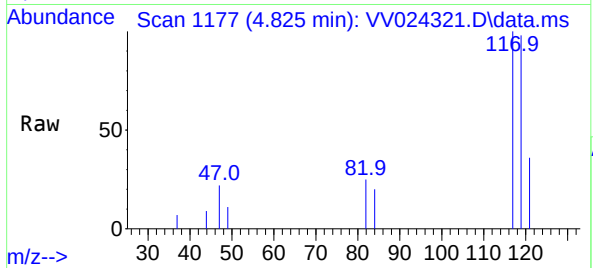




#31
Carbon tetrachloride
Concen: 0.240 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

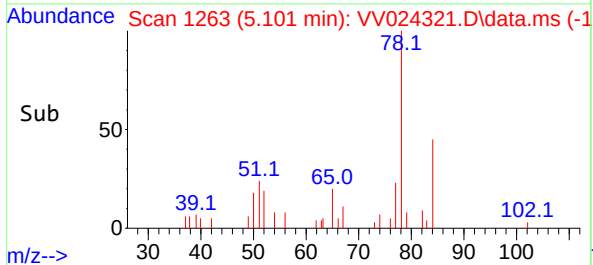
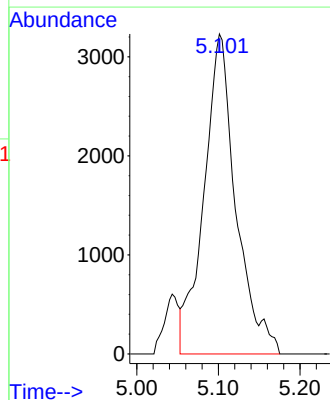
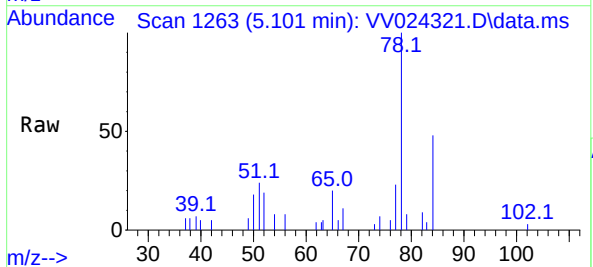
Instrument :
MSVOA_V
ClientSampleId :
MDL06

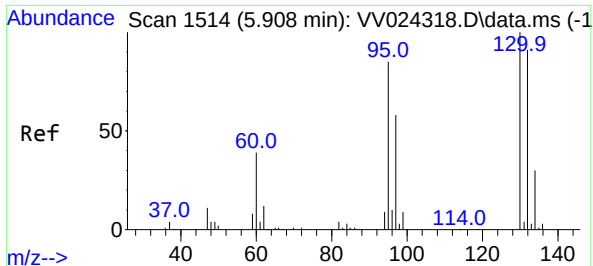
Tgt Ion:117 Resp: 3826
Ion Ratio Lower Upper
117 100
119 98.6 76.6 114.8



#33
Benzene
Concen: 0.261 ug/L m
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 78 Resp: 8795



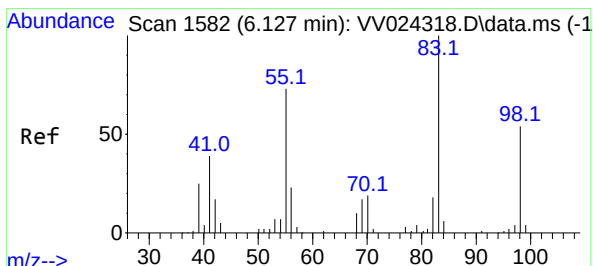
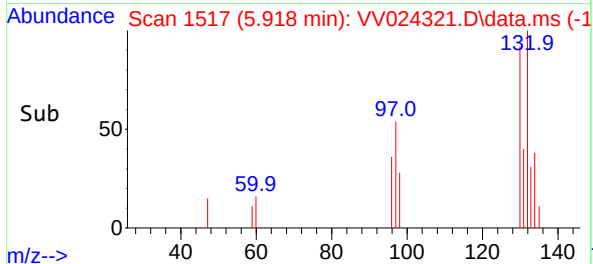
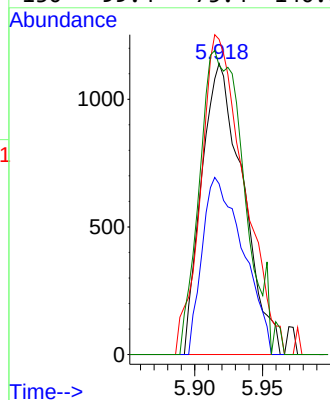
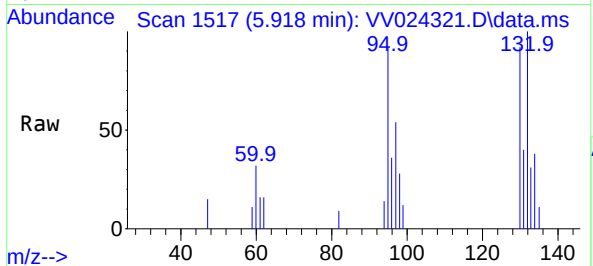


#34
Trichloroethene
Concen: 0.256 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 95 Resp: 2417

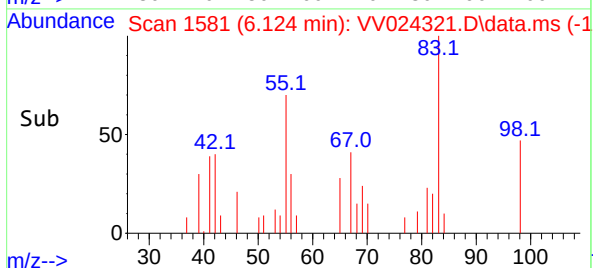
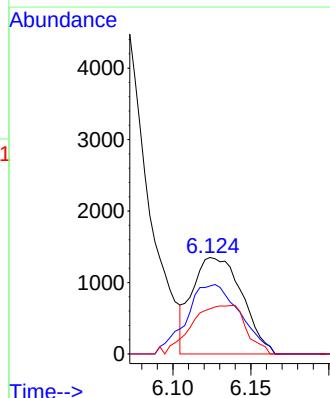
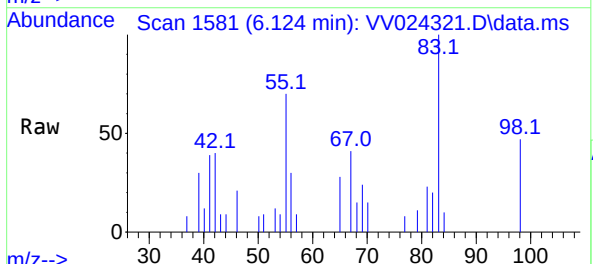
Ion	Ratio	Lower	Upper
95	100		
97	58.7	45.2	84.0
132	108.3	76.1	141.3
130	99.4	75.4	140.0

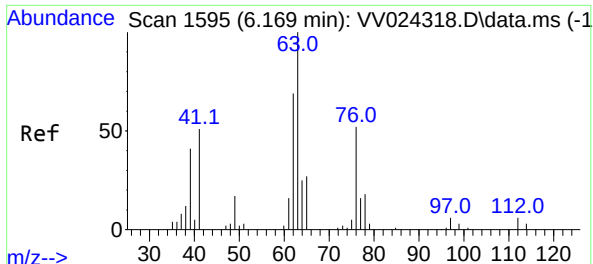


#35
Methylcyclohexane
Concen: 0.228 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 83 Resp: 3006

Ion	Ratio	Lower	Upper
83	100		
55	77.4	60.2	90.2
98	54.4	41.0	61.4

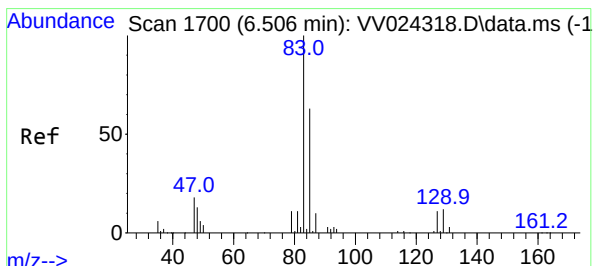
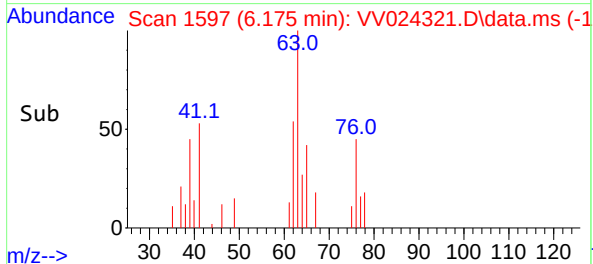
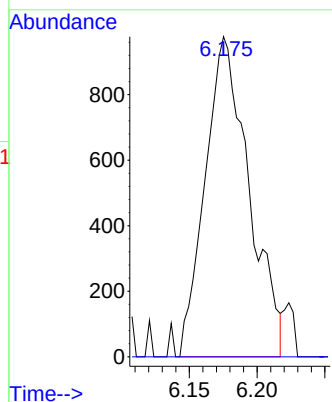
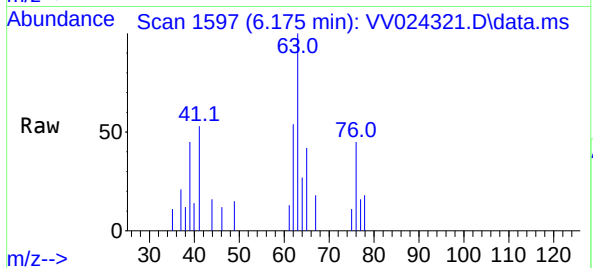




#37
1,2-Dichloropropane
Concen: 0.281 ug/L
RT: 6.175 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

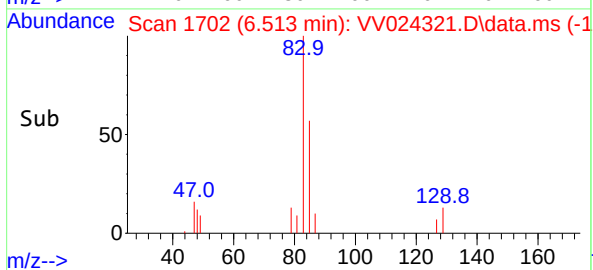
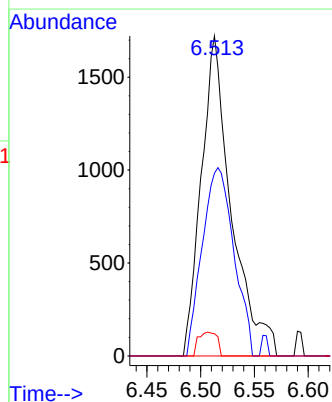
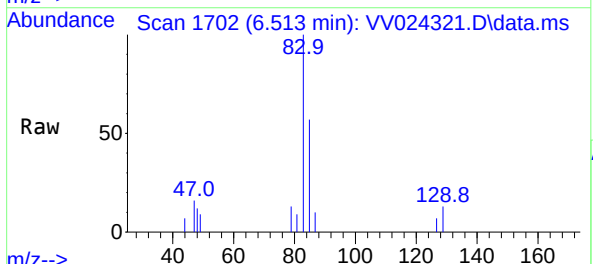
Instrument :
MSVOA_V
ClientSampleId :
MDL06

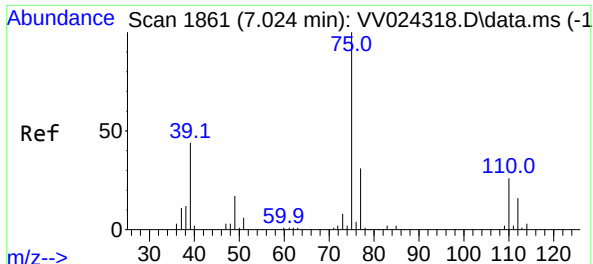
Tgt Ion: 63 Resp: 2195
Ion Ratio Lower Upper
63 100
112 0.0 4.3 6.5#



#38
Bromodichloromethane
Concen: 0.272 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 83 Resp: 3349
Ion Ratio Lower Upper
83 100
85 57.1 44.0 81.8
127 6.9 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 0.277 ug/L

RT: 7.030 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

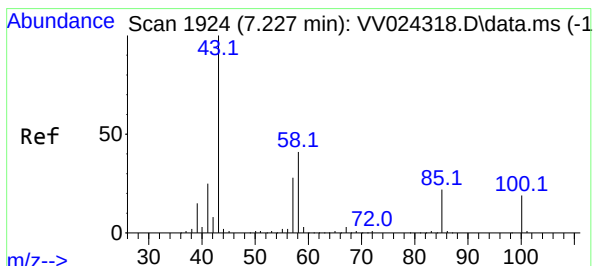
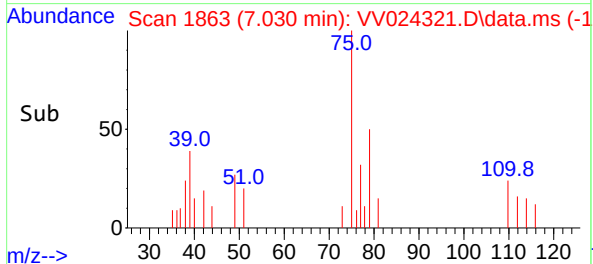
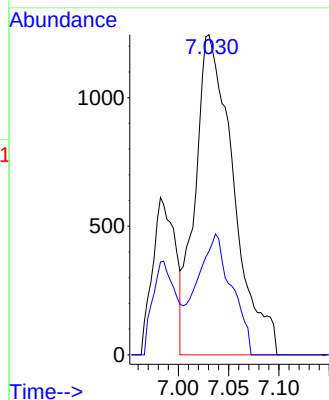
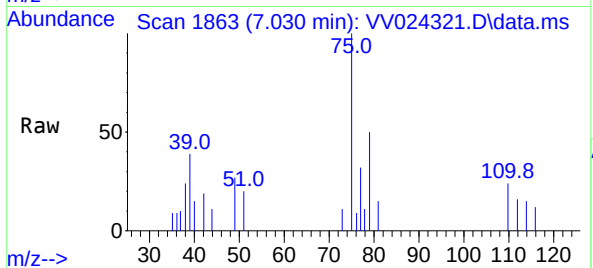
MDL06

Tgt Ion: 75 Resp: 3297

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 1.972 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

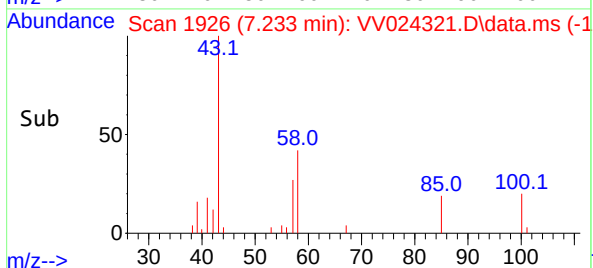
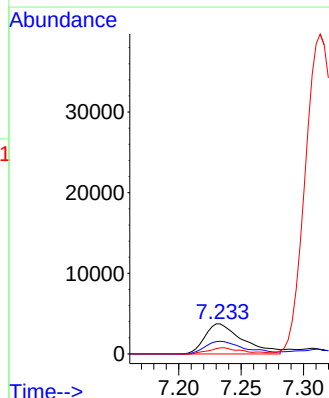
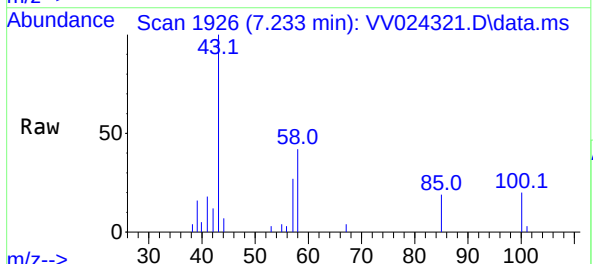
Tgt Ion: 43 Resp: 7893

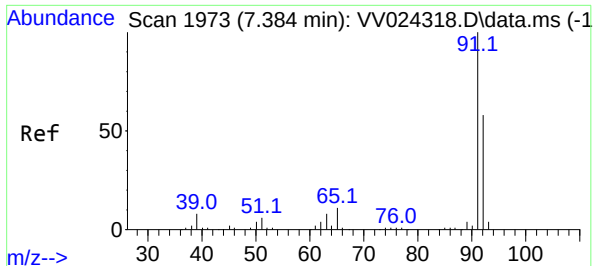
Ion Ratio Lower Upper

43 100

58 43.0 32.3 48.5

100 0.0 13.0 19.6#





#42

Toluene

Concen: 0.272 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

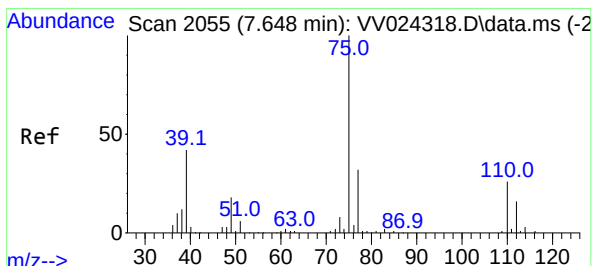
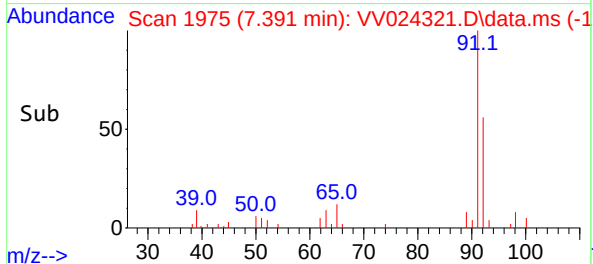
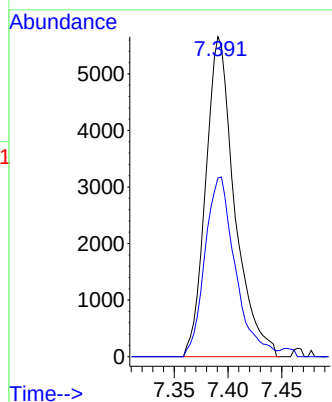
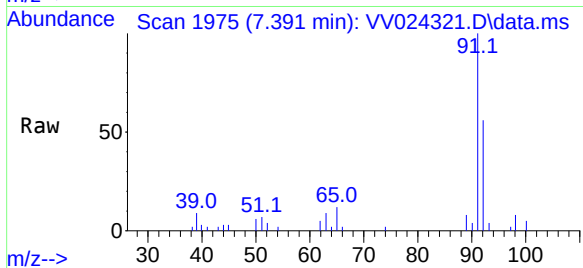
MDL06

Tgt Ion: 91 Resp: 10573

Ion Ratio Lower Upper

91 100

92 55.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 0.239 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VV024321.D

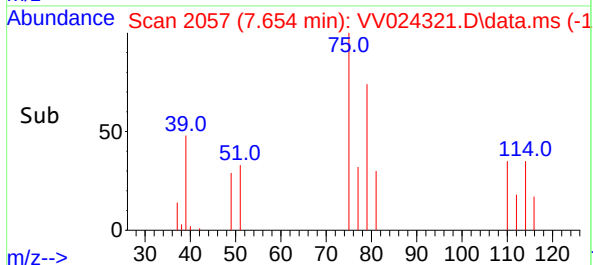
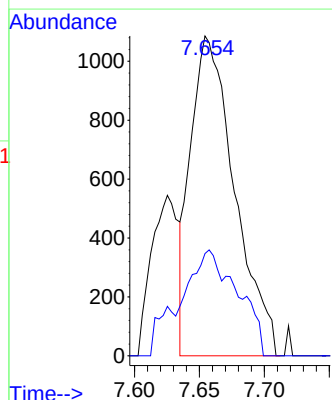
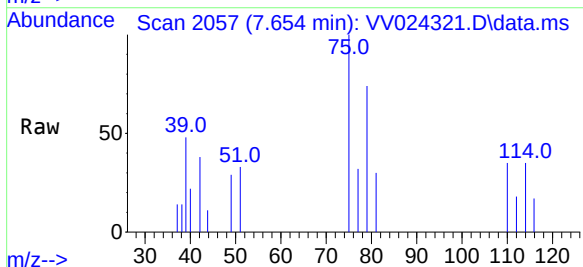
Acq: 10 Jan 2022 13:11

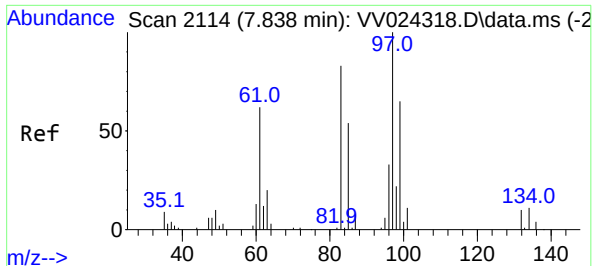
Tgt Ion: 75 Resp: 2560

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 0.243 ug/L

RT: 7.847 min Scan# 2114

Delta R.T. 0.010 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 97 Resp: 1544

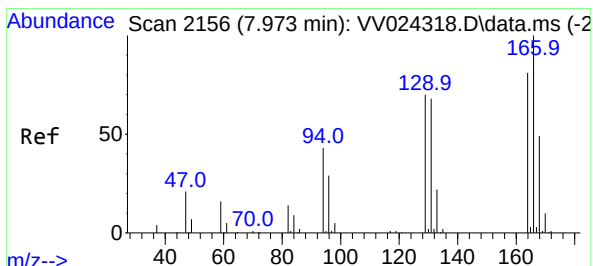
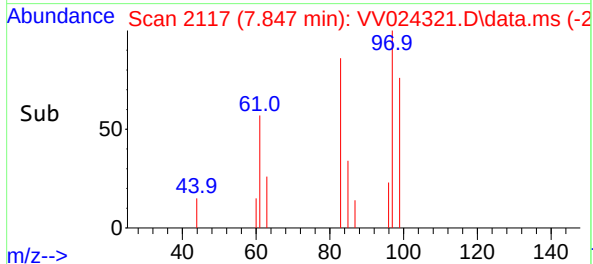
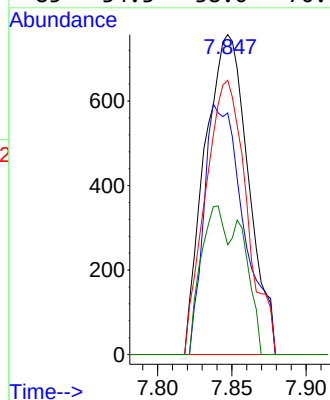
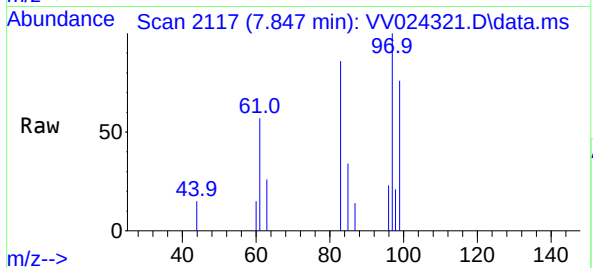
Ion Ratio Lower Upper

97 100

99 75.6 43.1 80.1

83 85.7 57.9 107.5

85 34.3 38.0 70.6#



#47

Tetrachloroethene

Concen: 0.236 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Tgt Ion:164 Resp: 2074

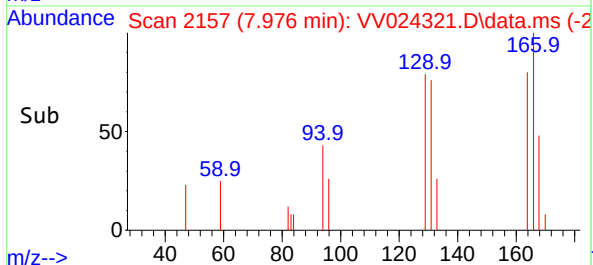
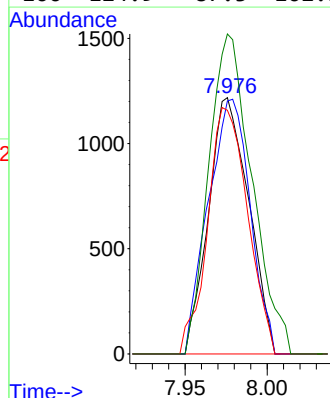
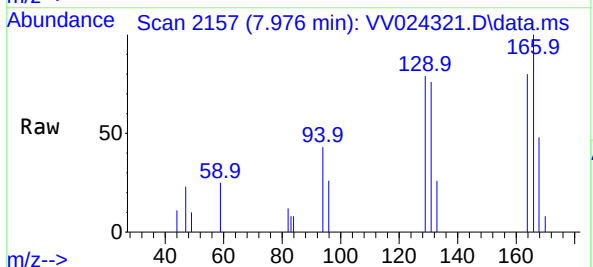
Ion Ratio Lower Upper

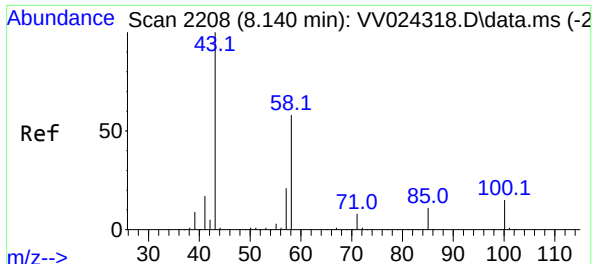
164 100

129 98.7 62.6 116.2

131 95.1 61.0 113.4

166 124.9 87.3 162.1





#48

2-Hexanone

Concen: 4.619 ug/L

RT: 8.146 min Scan# 2208

Delta R.T. 0.006 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion: 43 Resp: 13639

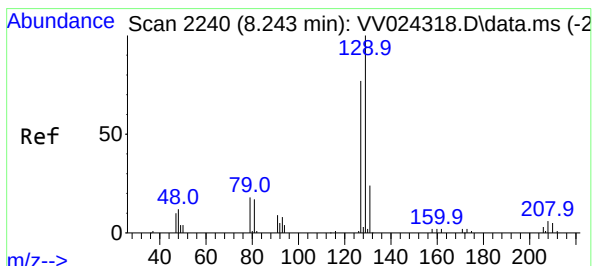
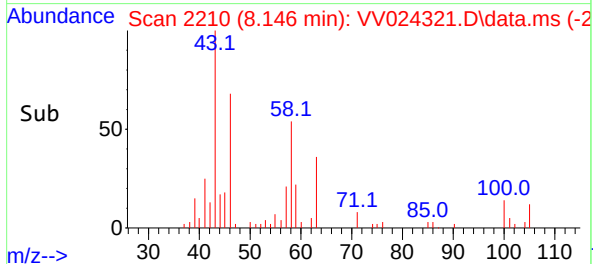
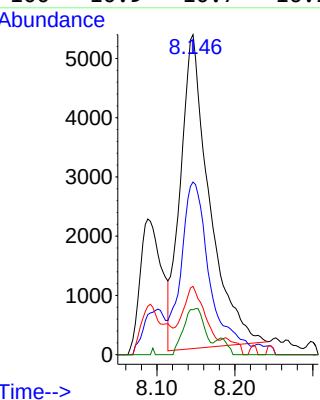
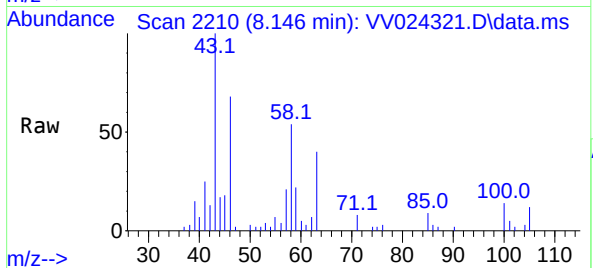
Ion Ratio Lower Upper

43 100

58 54.9 44.5 66.7

57 17.9 15.1 22.7

100 10.9 10.7 16.1



#49

Dibromochloromethane

Concen: 0.263 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV024321.D

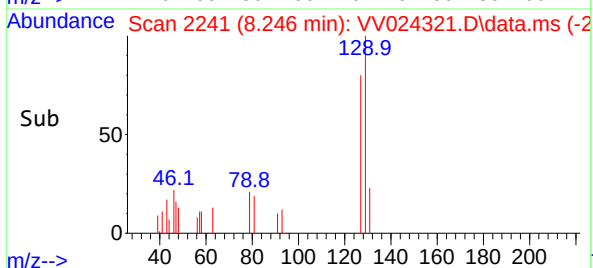
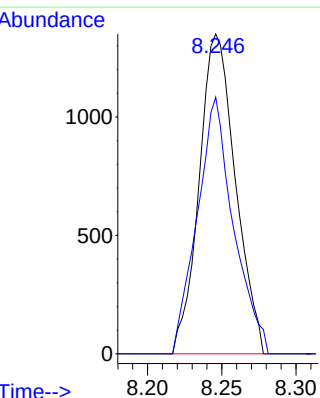
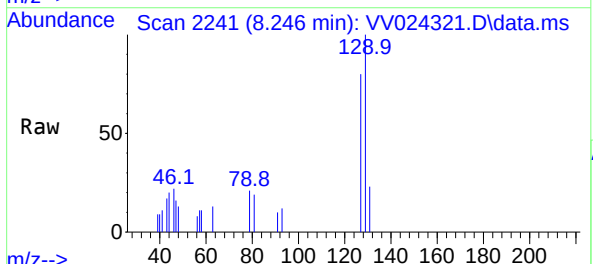
Acq: 10 Jan 2022 13:11

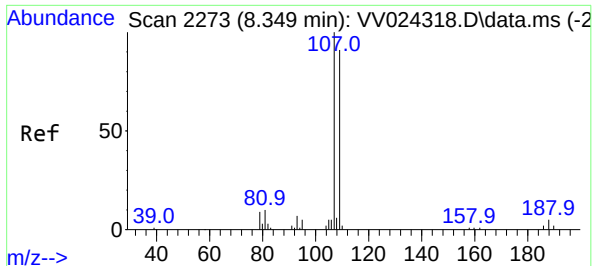
Tgt Ion:129 Resp: 2299

Ion Ratio Lower Upper

129 100

127 80.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.257 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

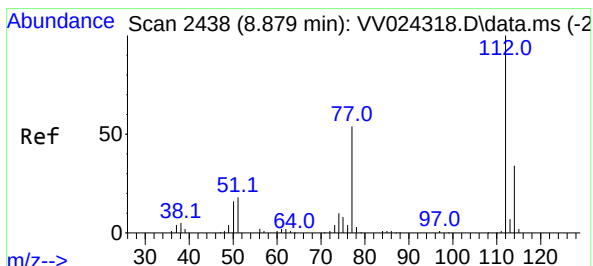
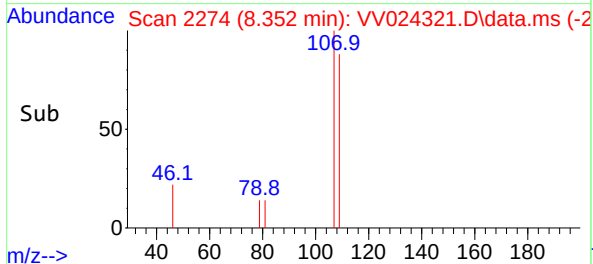
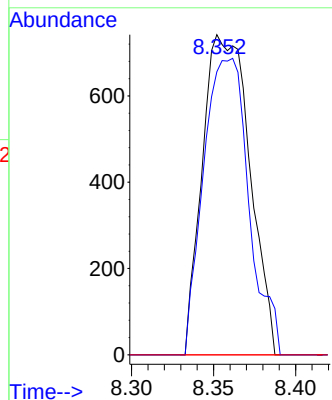
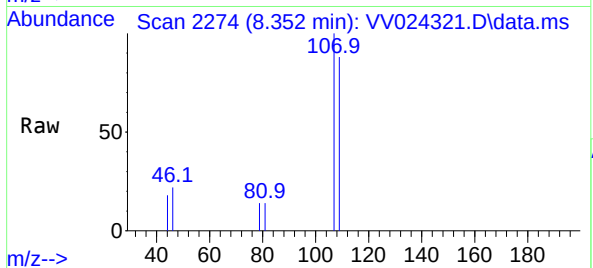
Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:	107	Resp:	1481
Ion	Ratio	Lower	Upper
107	100		
109	88.4	62.5	116.1
188	0.0	3.4	5.2#



#51

Chlorobenzene

Concen: 0.257 ug/L

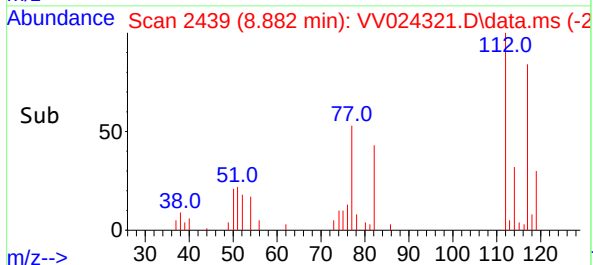
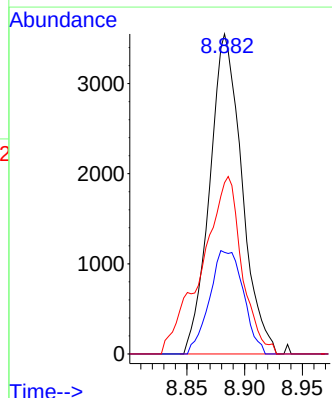
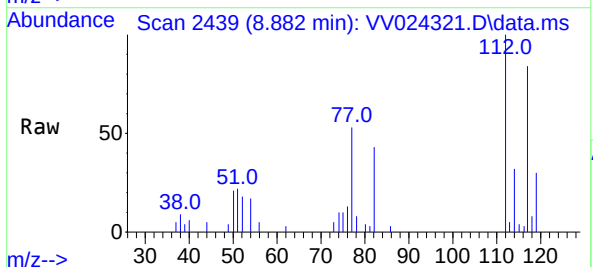
RT: 8.882 min Scan# 2439

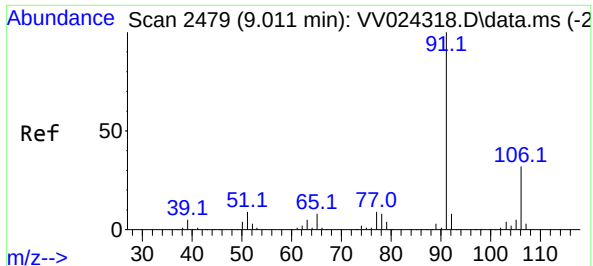
Delta R.T. 0.003 min

Lab File: VV024321.D

Acq: 10 Jan 2022 13:11

Tgt Ion:	112	Resp:	6878
Ion	Ratio	Lower	Upper
112	100		
114	31.8	23.3	43.3
77	53.5	43.3	64.9

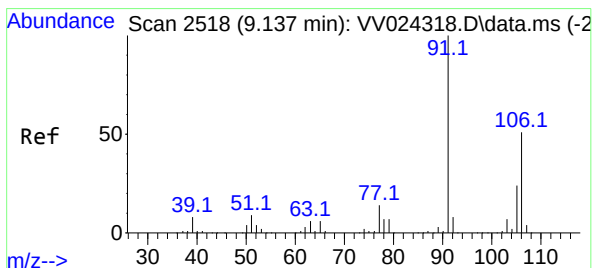
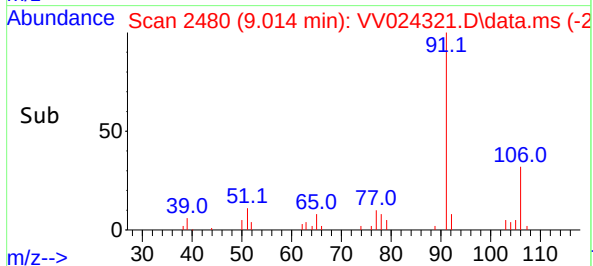
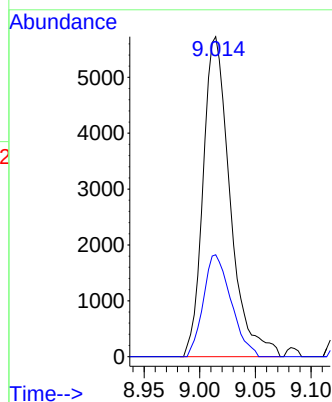
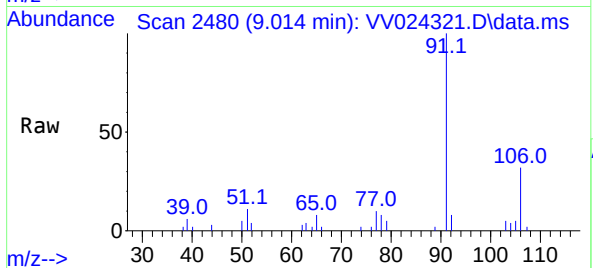




#52
Ethylbenzene
Concen: 0.227 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

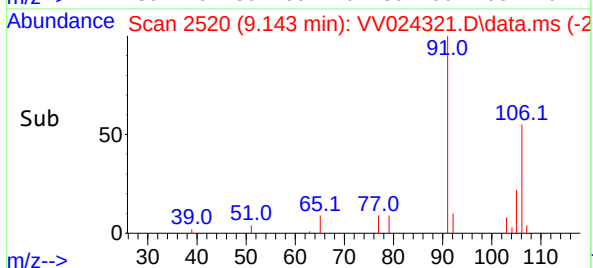
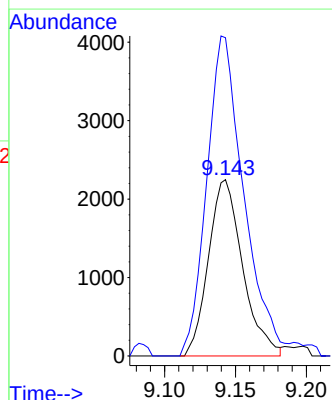
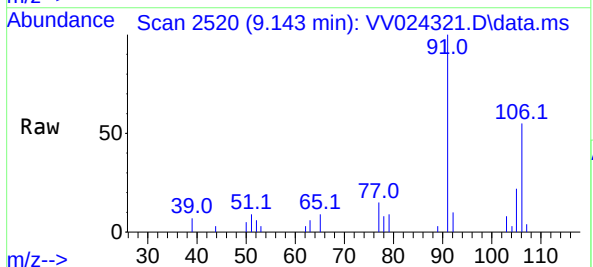
Instrument :
MSVOA_V
ClientSampleId :
MDL06

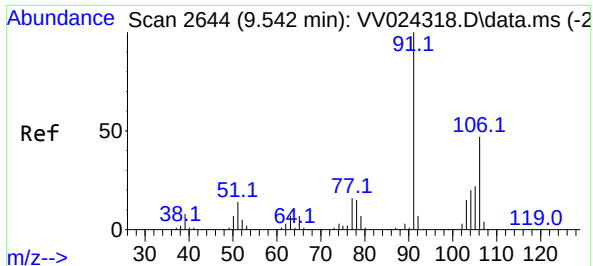
Tgt Ion: 91 Resp: 9655
Ion Ratio Lower Upper
91 100
106 31.8 22.0 41.0



#53
m,p-xylene
Concen: 0.221 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 106 Resp: 3777
Ion Ratio Lower Upper
106 100
91 180.5 139.5 259.1

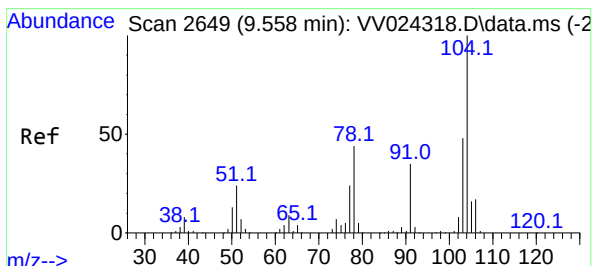
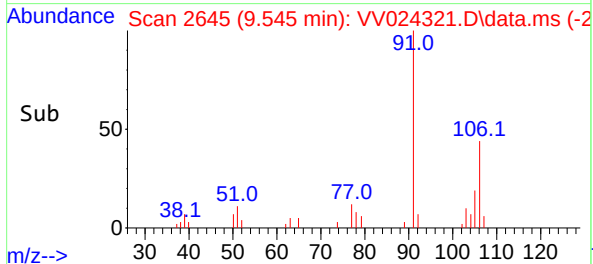
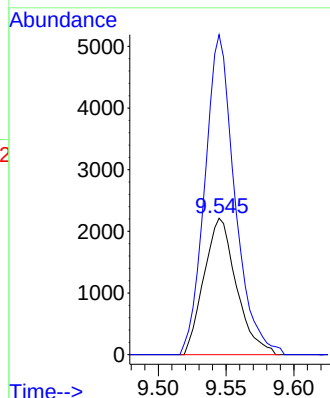
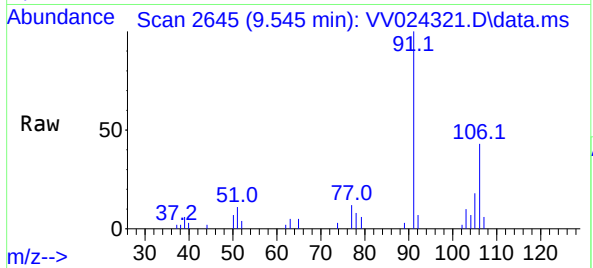




#54
o-xylene
Concen: 0.221 ug/L
RT: 9.545 min Scan# 2652
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

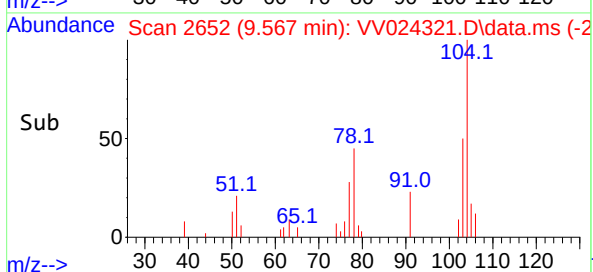
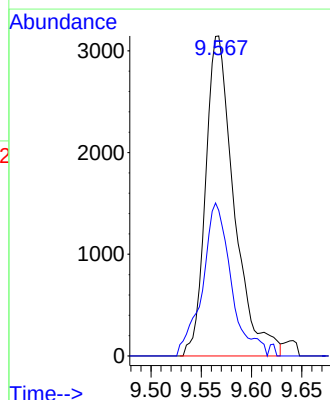
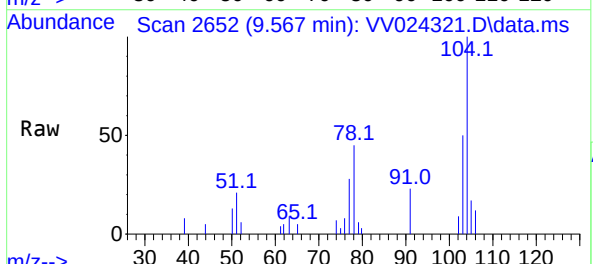
Instrument :
MSVOA_V
ClientSampleId :
MDL06

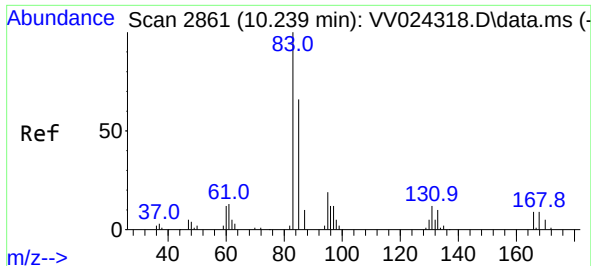
Tgt Ion:106 Resp: 3687
Ion Ratio Lower Upper
106 100
91 234.4 147.9 274.7



#55
Styrene
Concen: 0.220 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:104 Resp: 6192
Ion Ratio Lower Upper
104 100
78 45.5 31.0 57.6

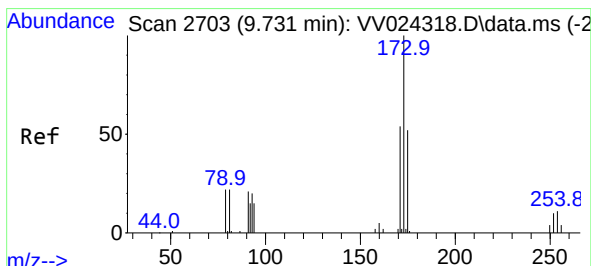
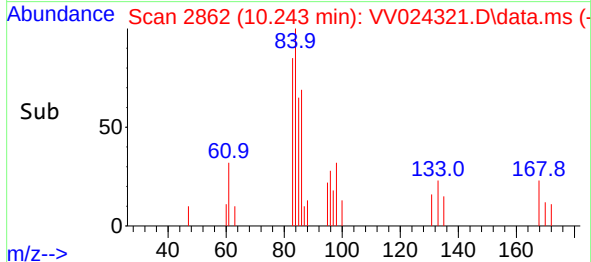
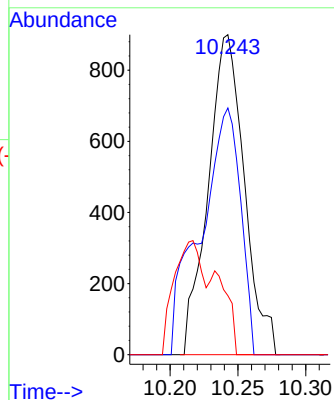
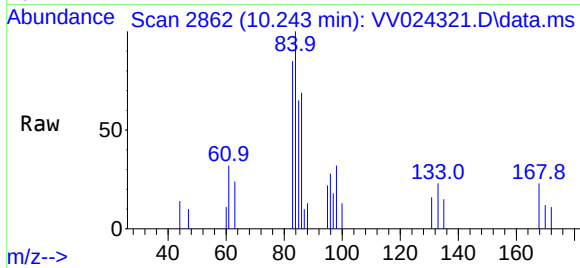




#57
1,1,2,2-Tetrachloroethane
Concen: 0.259 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

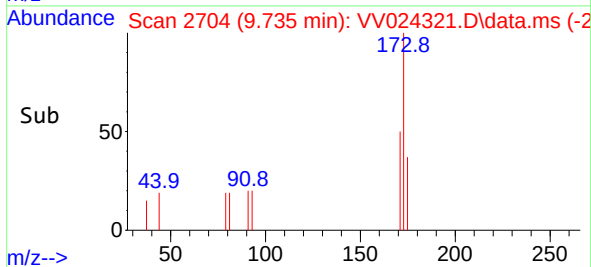
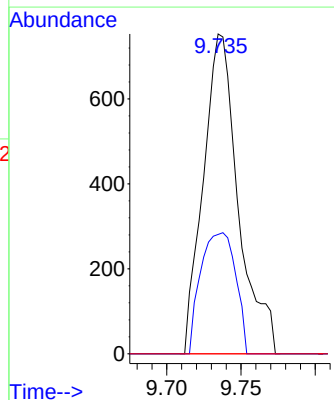
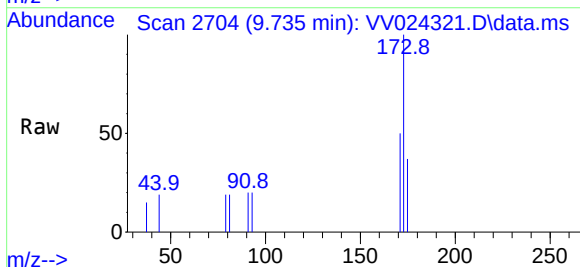
Instrument :
MSVOA_V
ClientSampleId :
MDL06

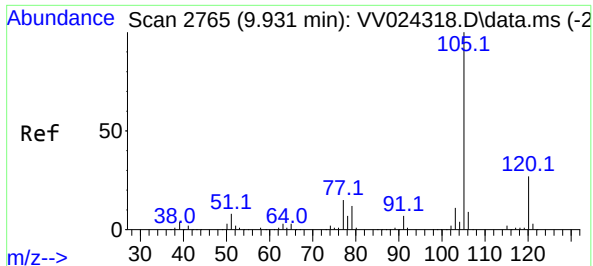
Tgt Ion: 83 Resp: 1672
Ion Ratio Lower Upper
83 100
85 77.1 44.6 82.8
131 18.4 8.3 12.5#



#59
Bromoform
Concen: 0.267 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion: 173 Resp: 1237
Ion Ratio Lower Upper
173 100
175 37.7 39.4 59.2#
254 0.0 7.4 11.0#

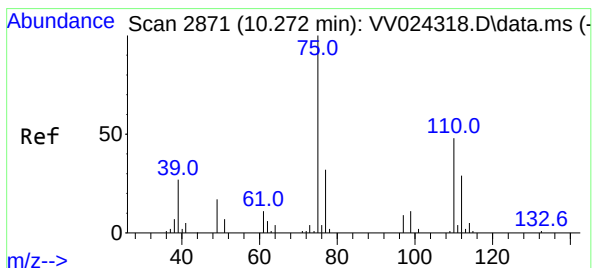
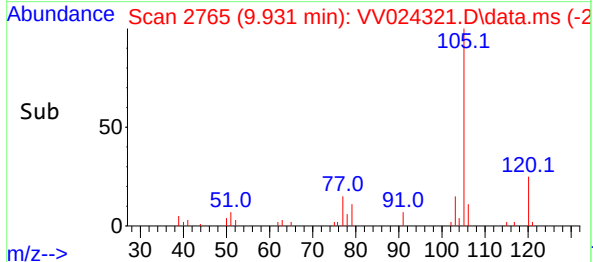
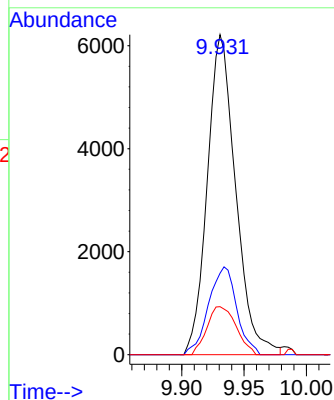
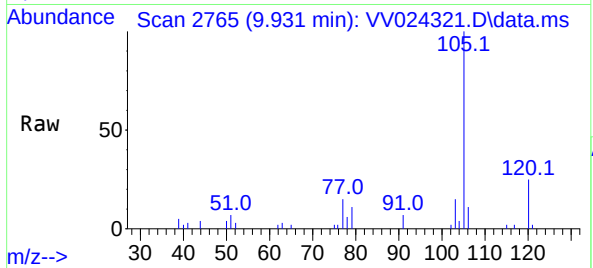




#60
Isopropylbenzene
Concen: 0.240 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

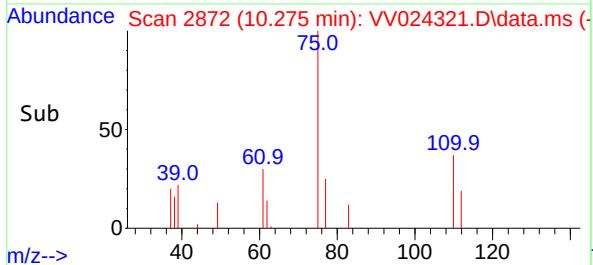
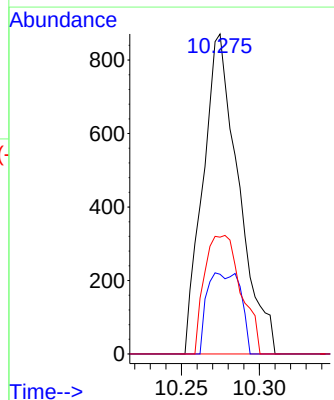
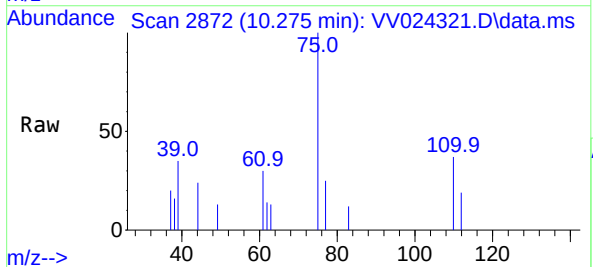
Instrument :
MSVOA_V
ClientSampleId :
MDL06

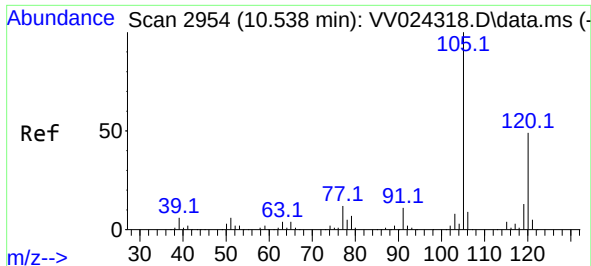
Tgt Ion:	105	Resp:	9846
Ion	Ratio	Lower	Upper
105	100		
120	27.2	21.4	32.0
77	15.4	12.2	18.4



#61
1,2,3-Trichloropropane
Concen: 0.308 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:	75	Resp:	1383
Ion	Ratio	Lower	Upper
75	100		
77	23.9	26.4	39.6#
110	37.9	34.2	51.2

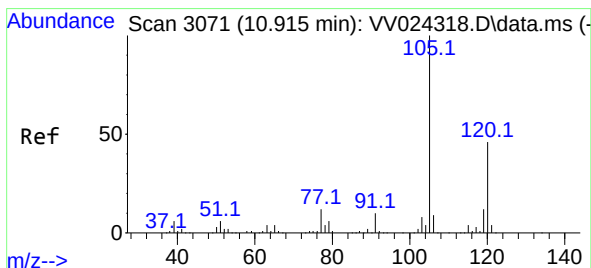
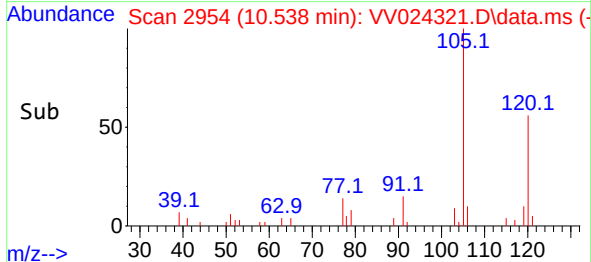
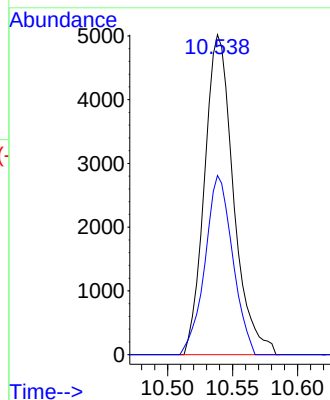
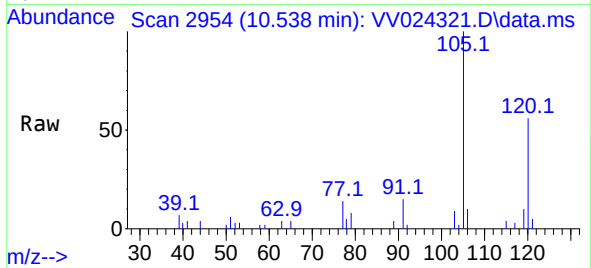




#62
1,3,5-Trimethylbenzene
Concen: 0.221 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

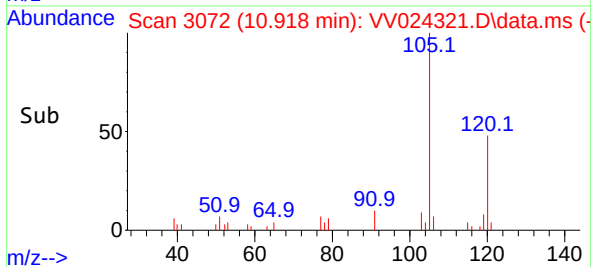
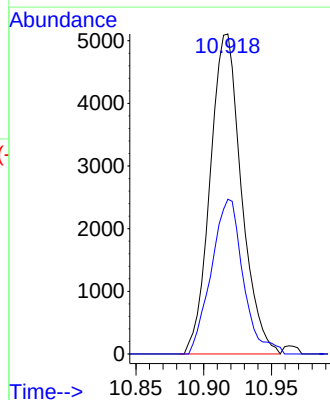
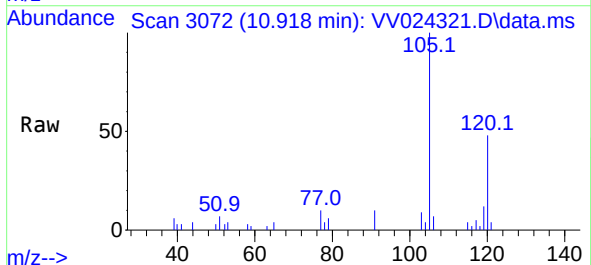
Instrument :
MSVOA_V
ClientSampleId :
MDL06

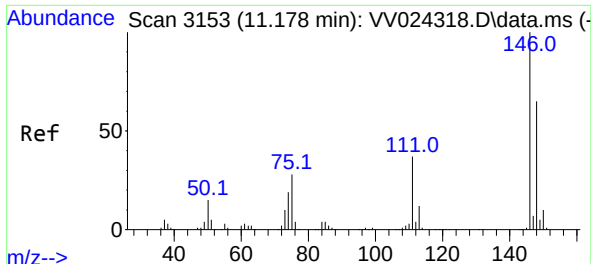
Tgt Ion:105 Resp: 7777
Ion Ratio Lower Upper
105 100
120 53.3 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 0.229 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:105 Resp: 8188
Ion Ratio Lower Upper
105 100
120 49.1 36.7 55.1

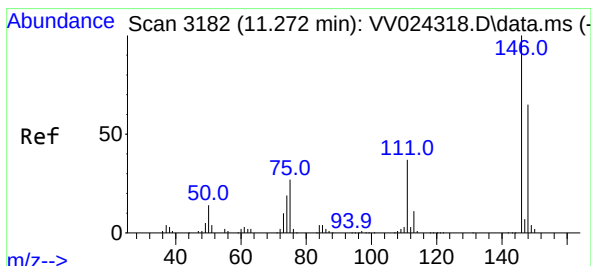
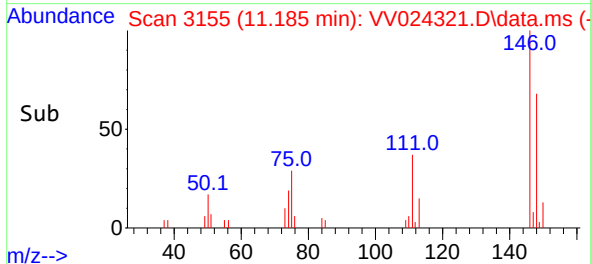
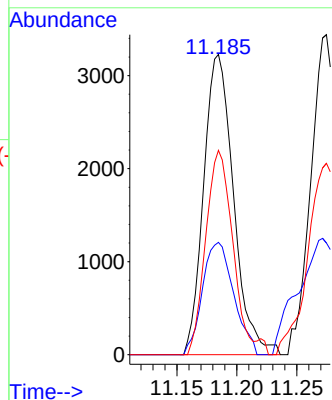
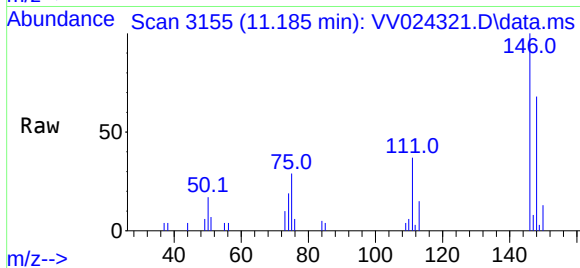




#64
1,3-Dichlorobenzene
Concen: 0.257 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

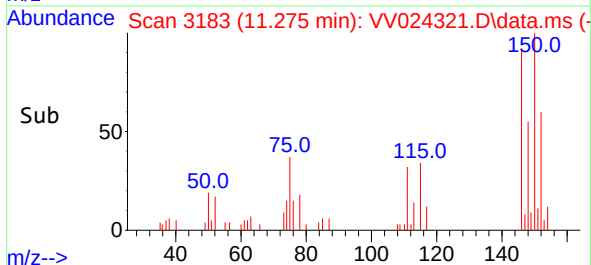
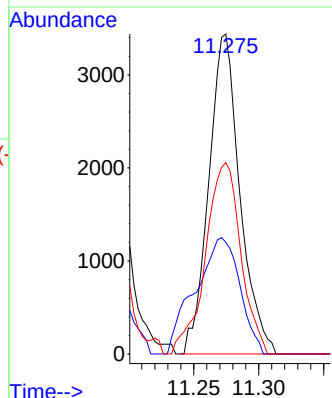
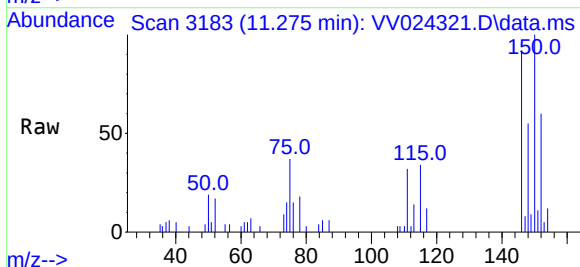
Instrument :
MSVOA_V
ClientSampleId :
MDL06

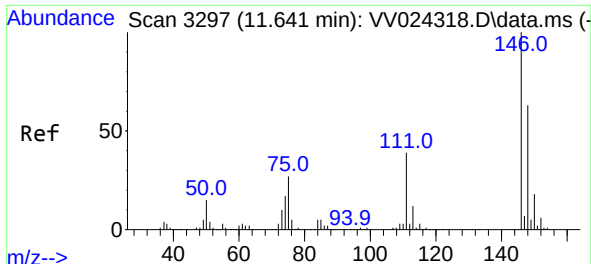
Tgt Ion:146 Resp: 5603
Ion Ratio Lower Upper
146 100
111 37.4 26.3 48.9
148 68.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.264 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:146 Resp: 5726
Ion Ratio Lower Upper
146 100
111 34.9 25.6 47.6
148 59.8 44.8 83.2

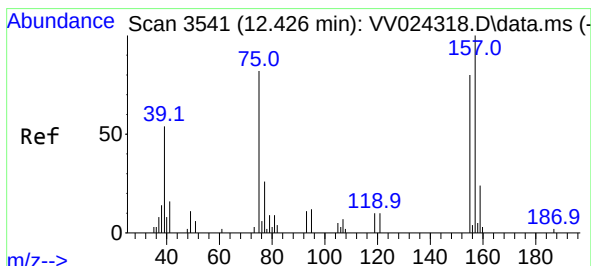
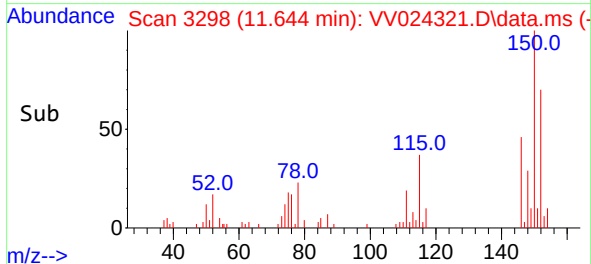
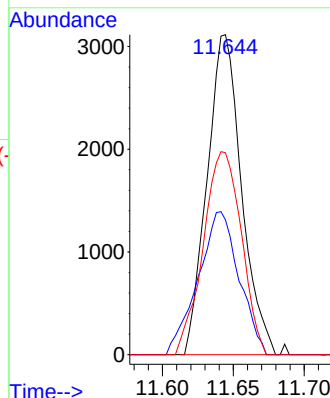
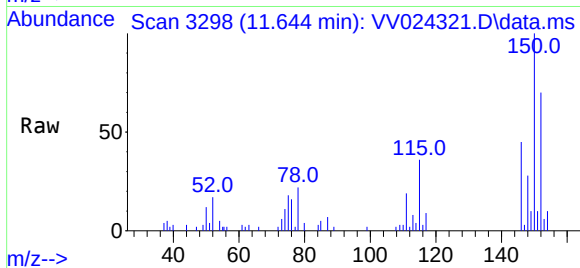




#67
1,2-Dichlorobenzene
Concen: 0.268 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

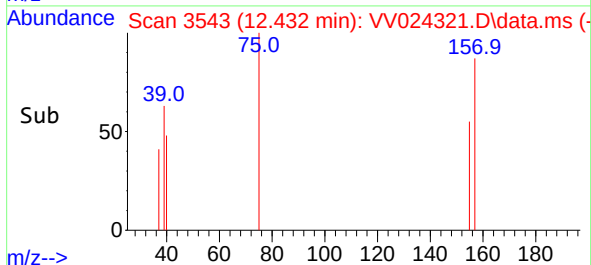
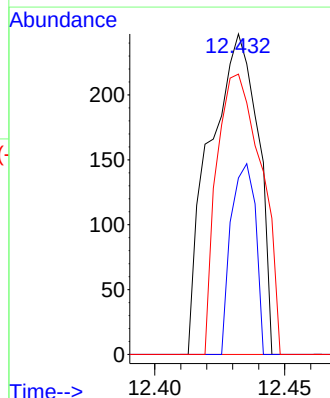
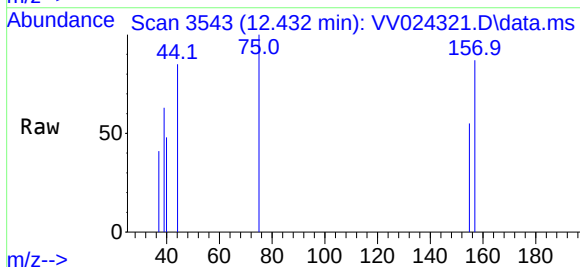
Instrument :
MSVOA_V
ClientSampleId :
MDL06

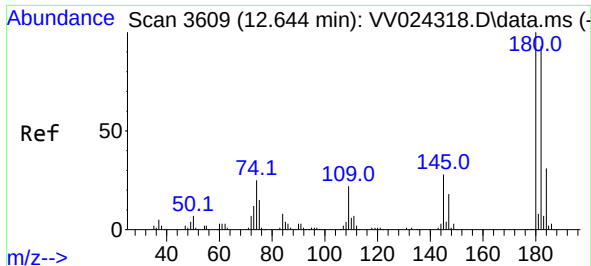
Tgt Ion:	146	Resp:	5274
Ion	Ratio	Lower	Upper
146	100		
111	42.1	31.9	47.9
148	63.1	50.5	75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.324 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

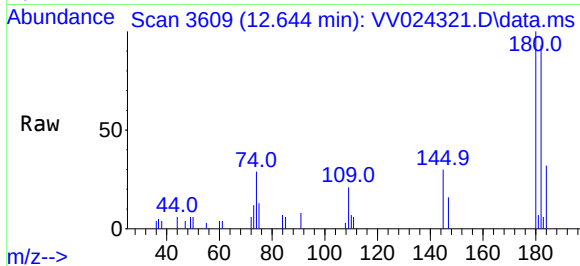
Tgt Ion:	75	Resp:	319
Ion	Ratio	Lower	Upper
75	100		
155	55.1	71.7	107.5#
157	87.4	103.3	154.9#



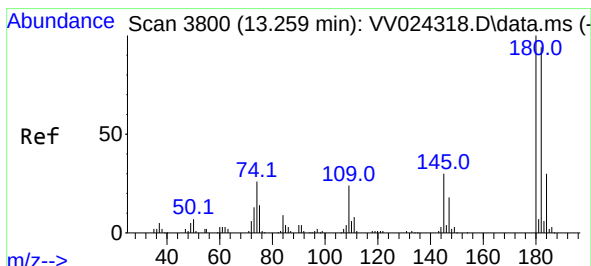
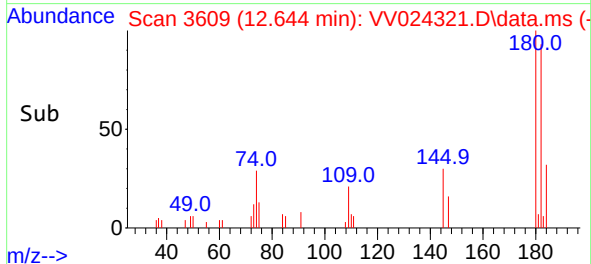
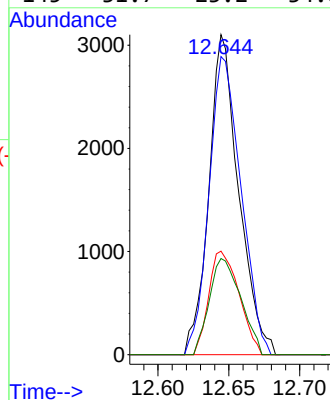


#69
1,3,5-Trichlorobenzene
Concen: 0.253 ug/L
RT: 12.644 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL06

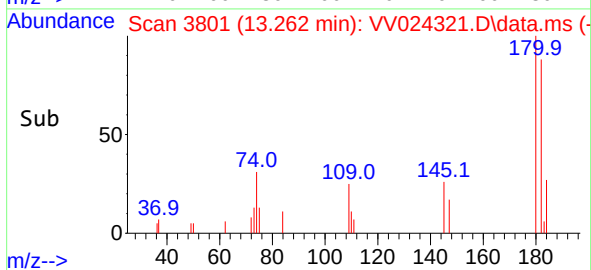
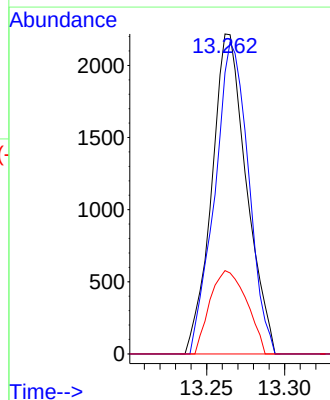
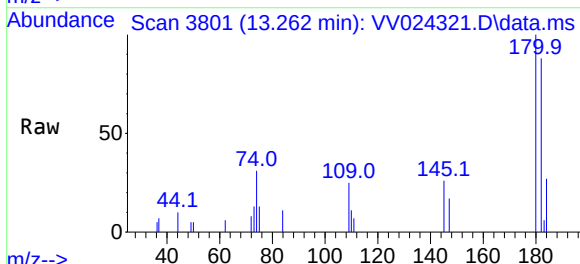


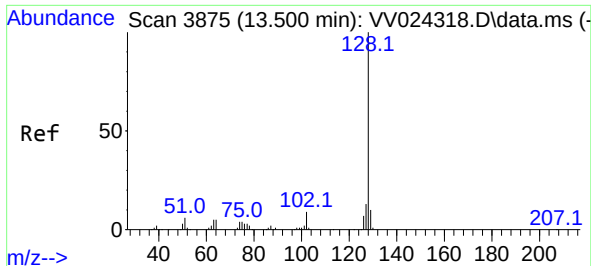
Tgt Ion:180 Resp: 4551
Ion Ratio Lower Upper
180 100
182 99.8 76.4 114.6
184 32.8 24.2 36.4
145 31.7 23.2 34.8



#70
1,2,4-trichlorobenzene
Concen: 0.243 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:180 Resp: 3440
Ion Ratio Lower Upper
180 100
182 94.7 74.4 111.6
145 27.5 23.3 34.9

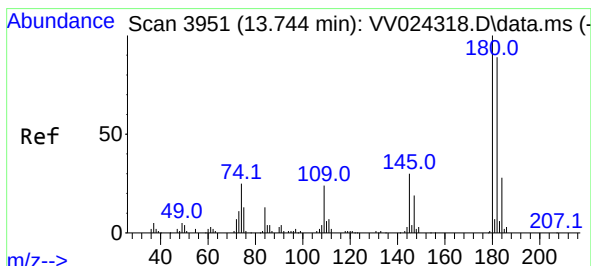
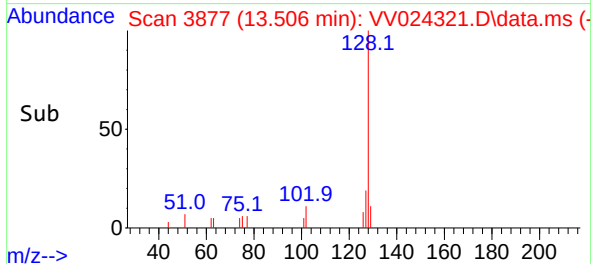
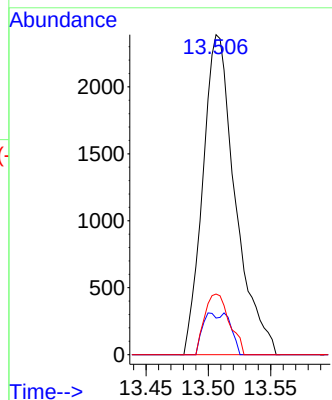
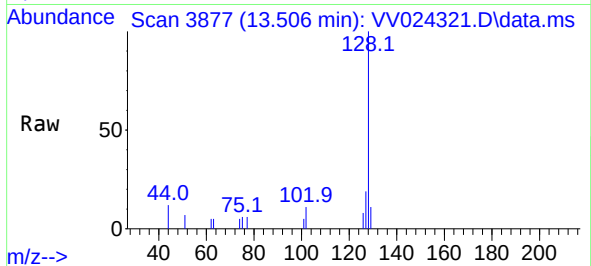




#71
Naphthalene
Concen: 0.219 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.006 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:128 Resp: 4326
Ion Ratio Lower Upper
128 100
129 5.7 9.0 13.4#
127 14.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.231 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024321.D
Acq: 10 Jan 2022 13:11

Tgt Ion:180 Resp: 2817
Ion Ratio Lower Upper
180 100
182 96.6 76.8 115.2
145 31.4 25.8 38.6

