

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079021.D
 Acq On : 24 May 2024 16:22
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:26:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM051724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 02:12:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	180521	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	175913	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	93187	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	135706	30.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.680%	
7) Chloroethane-d5	2.793	69	137539	29.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 116.120%	
11) 1,1-Dichloroethene-d2	3.917	65	21597	25.019	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 100.080%	
21) 2-Butanone-d5	6.987	46	20325	32.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 64.900%	
24) Chloroform-d	7.563	84	118913	22.127	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 88.520%	
26) 1,2-Dichloroethane-d4	8.228	65	54637	21.408	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 85.640%	
32) Benzene-d6	8.199	84	240664	26.812	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 107.240%	
36) 1,2-Dichloropropane-d6	9.204	67	64771	23.683	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 94.720%	
41) Toluene-d8	10.269	98	226665	27.396	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.600%	
43) trans-1,3-Dichloroprop...	10.522	79	28698	22.779	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.120%	
47) 2-Hexanone-d5	10.875	63	20100	36.670	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 73.340%	
56) 1,1,2,2-Tetrachloroeth...	12.645	84	59625	19.165	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 76.680%	
66) 1,2-Dichlorobenzene-d4	13.810	152	72202	22.828	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 91.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	59903	16.585	ug/L	99
3) Chloromethane	2.146	50	88559	19.983	ug/L	96
5) Vinyl chloride	2.281	62	147442	20.333	ug/L	95
6) Bromomethane	2.687	94	104882	20.226	ug/L	94
8) Chloroethane	2.834	64	120763	21.564	ug/L	95
9) Trichlorofluoromethane	3.170	101	107838	19.069	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	68550	19.122	ug/L	98
12) 1,1-Dichloroethene	3.934	96	60333	19.329	ug/L	95
13) Acetone	4.028	43	25222	33.334	ug/L	74
14) Carbon disulfide	4.264	76	147566	16.315	ug/L #	94
15) Methyl Acetate	4.564	43	24878	20.236	ug/L	96
16) Methylene chloride	4.793	84	84979	19.873	ug/L	98
17) trans-1,2-Dichloroethene	5.305	96	69614	21.904	ug/L	93
18) Methyl tert-butyl Ether	5.316	73	153044	22.602	ug/L #	93
19) 1,1-Dichloroethane	6.105	63	126784	23.751	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	84611	23.340	ug/L	98
22) 2-Butanone	7.081	43	35172	40.431	ug/L	96
23) Bromochloromethane	7.428	128	41726	23.036	ug/L #	91
25) Chloroform	7.599	83	149176	23.249	ug/L	100

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 Response via : Initial Calibration

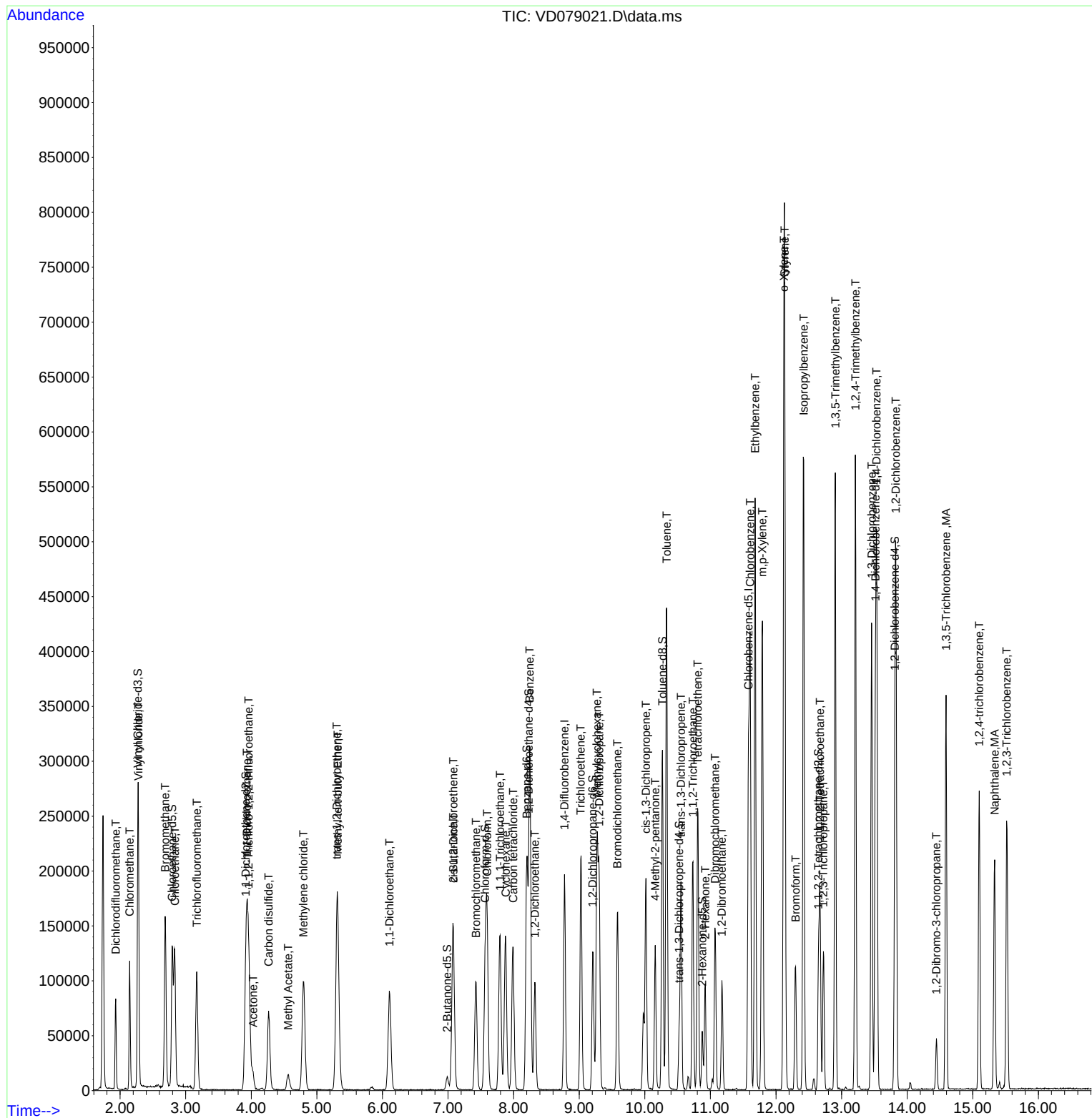
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	84869	22.837	ug/L	94
29) Cyclohexane	7.881	56	70110	20.737	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	118419	24.331	ug/L	99
31) Carbon tetrachloride	7.993	117	104546	23.329	ug/L	99
33) Benzene	8.246	78	310535	25.753	ug/L	100
34) Trichloroethene	9.022	95	75193	24.205	ug/L	99
35) Methylcyclohexane	9.269	83	99192	21.238	ug/L	99
37) 1,2-Dichloropropane	9.304	63	81142	26.553	ug/L	99
38) Bromodichloromethane	9.581	83	112087	25.939	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	121004	25.242	ug/L	91
40) 4-Methyl-2-pentanone	10.157	43	77173	49.997	ug/L	98
42) Toluene	10.334	91	350551	26.442	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	108433	25.586	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	73248	26.213	ug/L	96
46) Tetrachloroethene	10.804	164	62349	23.327	ug/L	97
48) 2-Hexanone	10.922	43	54857	45.845	ug/L	99
49) Dibromochloromethane	11.069	129	81517	23.995	ug/L	98
50) 1,2-Dibromoethane	11.175	107	63562	24.080	ug/L	98
51) Chlorobenzene	11.604	112	236955	25.300	ug/L	98
52) Ethylbenzene	11.681	91	379589	26.530	ug/L	95
53) m,p-Xylene	11.793	106	151743	26.510	ug/L	97
54) o-Xylene	12.122	106	147054	26.377	ug/L	96
55) Styrene	12.134	104	276269	28.042	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.669	83	83542	24.650	ug/L	93
59) Bromoform	12.298	173	52209	24.755	ug/L	98
60) Isopropylbenzene	12.422	105	392787	28.511	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	53209	24.910	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	297043	29.169	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	299760	28.968	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	183683	27.452	ug/L	97
65) 1,4-Dichlorobenzene	13.534	146	191400	26.533	ug/L	94
67) 1,2-Dichlorobenzene	13.828	146	167693	26.480	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	11149	25.056	ug/L	91
69) 1,3,5-Trichlorobenzene	14.592	180	114311	26.305	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	89910	24.440	ug/L	99
71) Naphthalene	15.334	128	185288	24.686	ug/L	100
72) 1,2,3-Trichlorobenzene	15.516	180	89980	26.168	ug/L	98

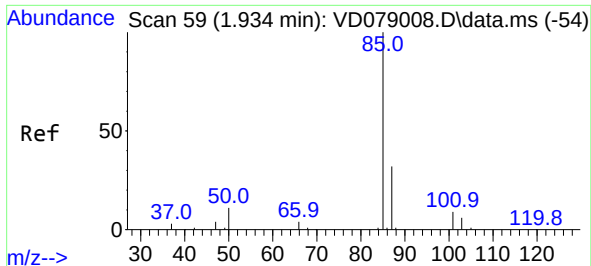
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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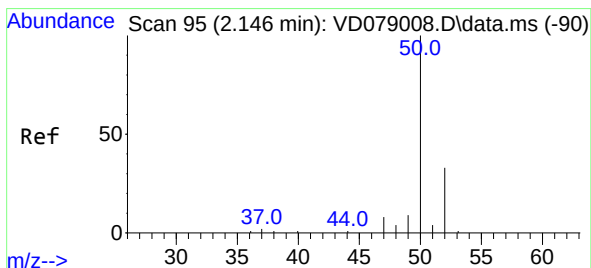
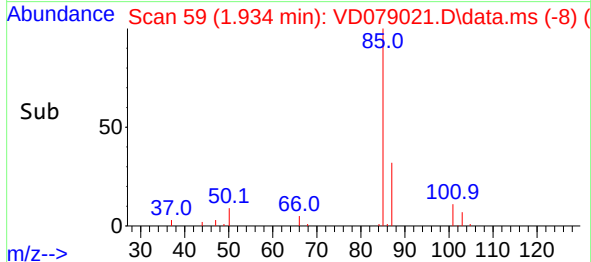
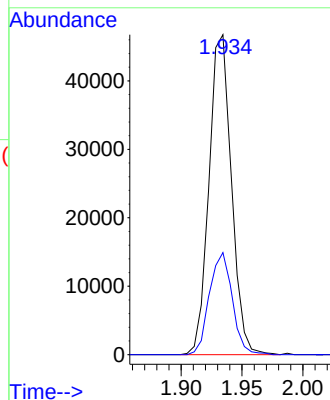
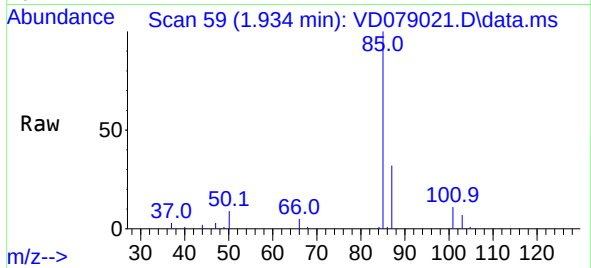




#2
 Dichlorodifluoromethane
 Concen: 16.585 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079021.D
 Acq: 24 May 2024 16:22

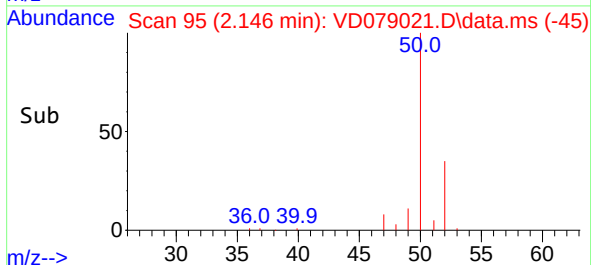
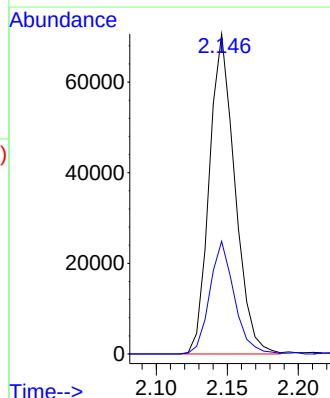
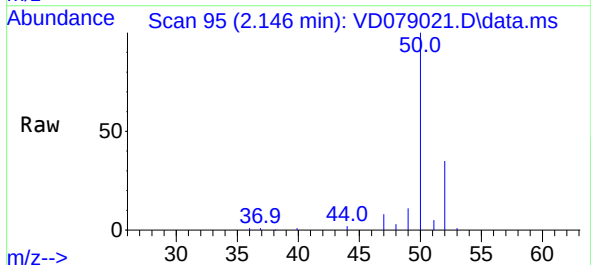
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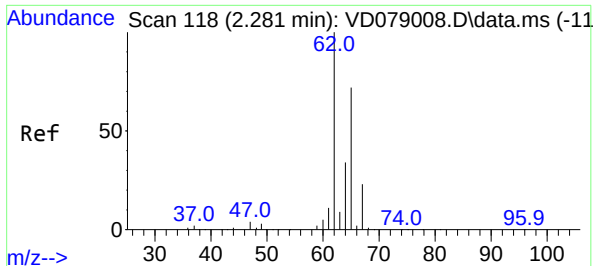
Tgt Ion: 85 Resp: 59903
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.3 39.5



#3
 Chloromethane
 Concen: 19.983 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD079021.D
 Acq: 24 May 2024 16:22

Tgt Ion: 50 Resp: 88559
 Ion Ratio Lower Upper
 50 100
 52 35.2 26.5 49.3

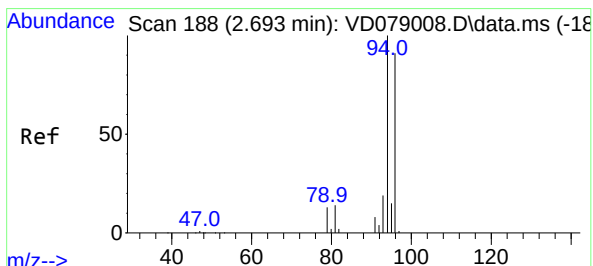
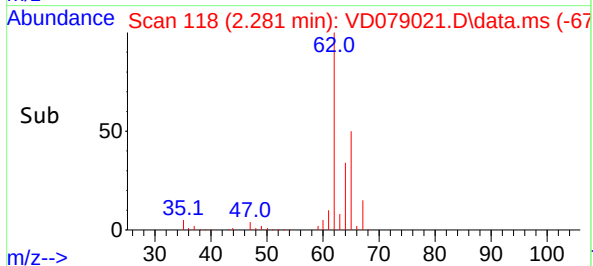
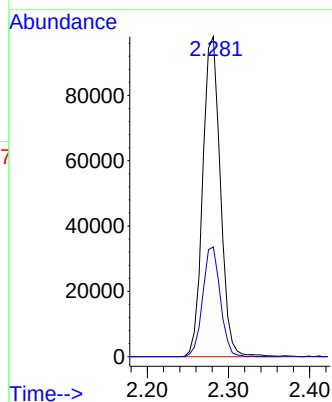
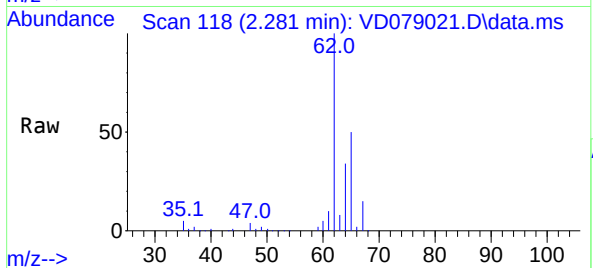




#5
 Vinyl chloride
 Concen: 20.333 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079021.D
 Acq: 24 May 2024 16:22

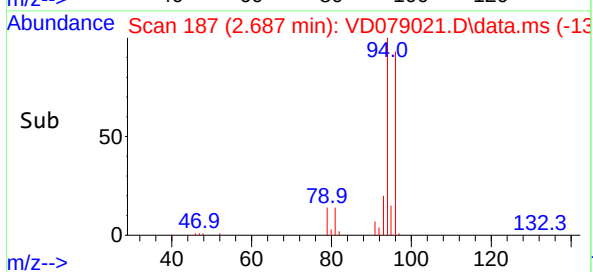
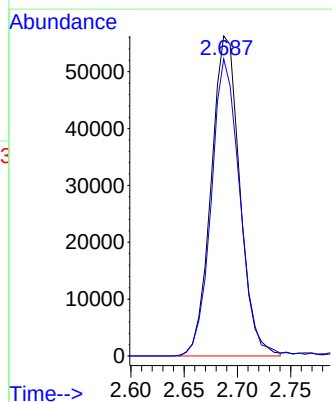
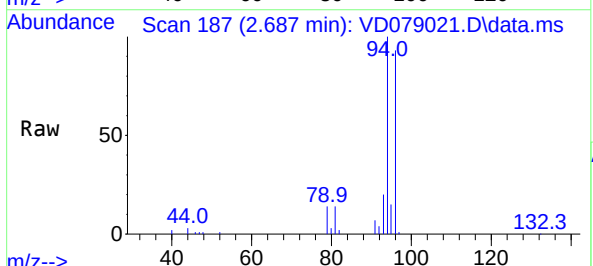
Instrument :
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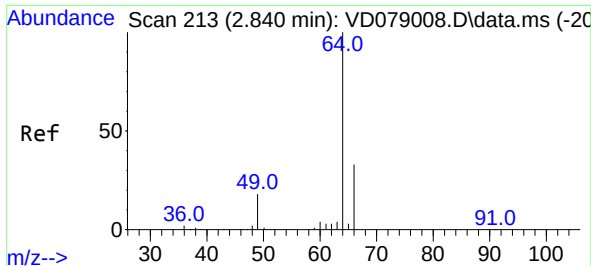
Tgt Ion: 62 Resp: 147442
 Ion Ratio Lower Upper
 62 100
 64 34.3 22.3 41.3



#6
 Bromomethane
 Concen: 20.226 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD079021.D
 Acq: 24 May 2024 16:22

Tgt Ion: 94 Resp: 104882
 Ion Ratio Lower Upper
 94 100
 96 92.9 69.0 128.1

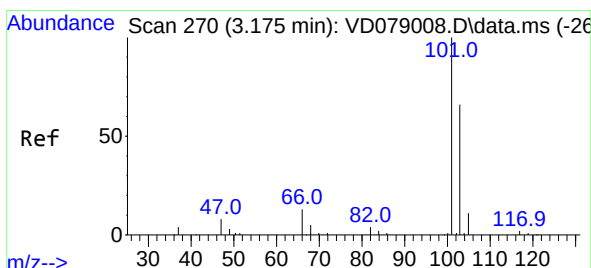
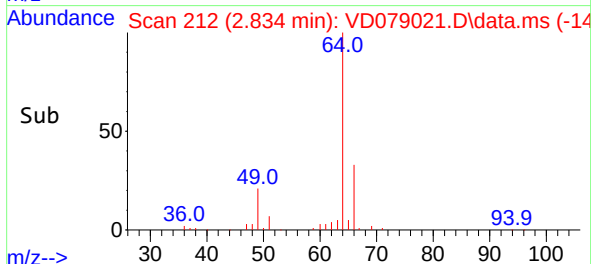
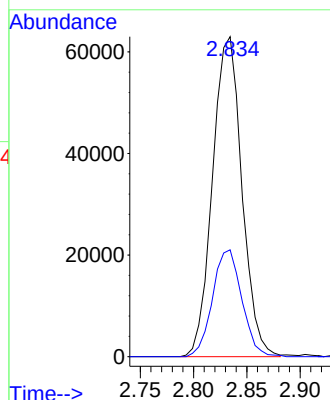
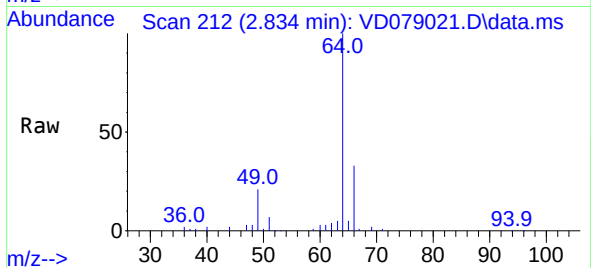




#8
Chloroethane
Concen: 21.564 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

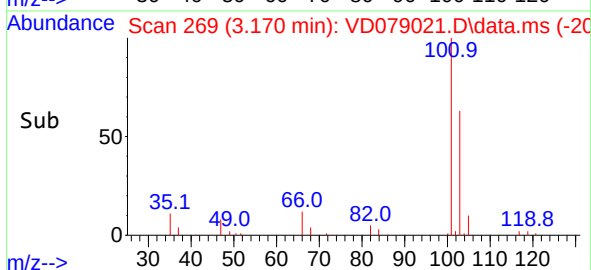
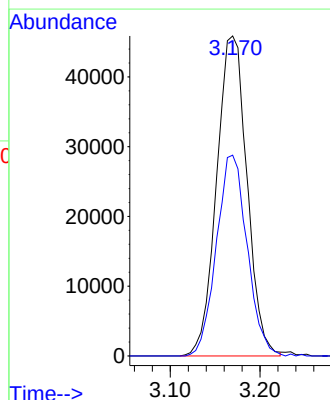
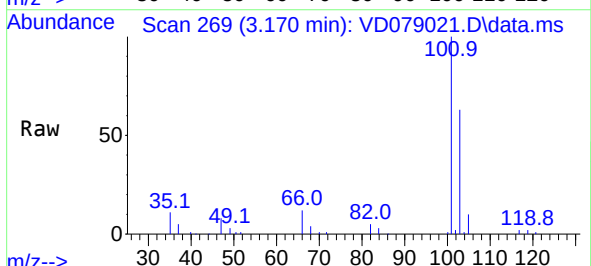
Instrument :
MSVOA_D
ClientSampleId :

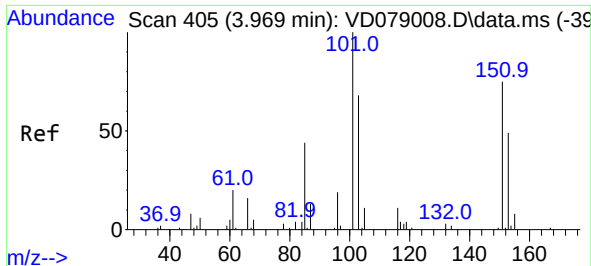
Tgt Ion: 64 Resp: 120763
Ion Ratio Lower Upper
64 100
66 33.4 21.5 39.9



#9
Trichlorofluoromethane
Concen: 19.069 ug/L
RT: 3.170 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion:101 Resp: 107838
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9

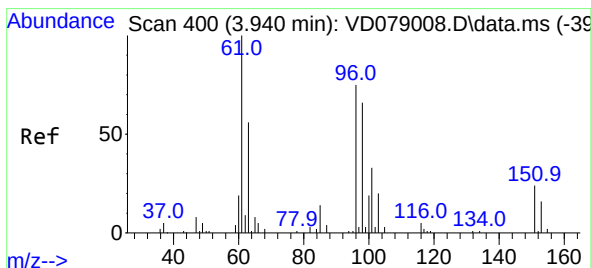
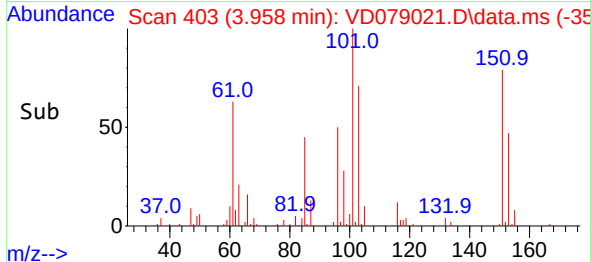
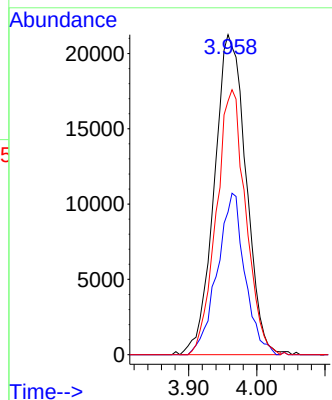
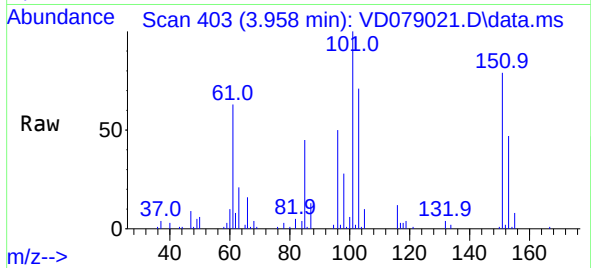




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 19.122 ug/L
RT: 3.958 min Scan# 405
Delta R.T. -0.018 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

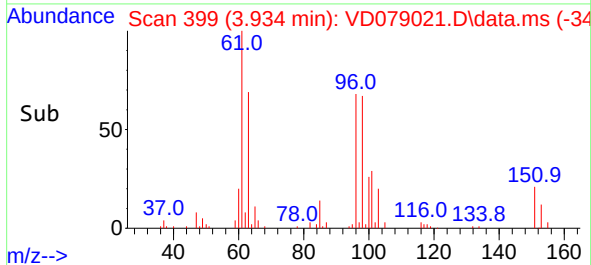
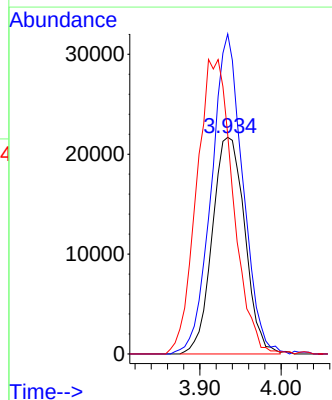
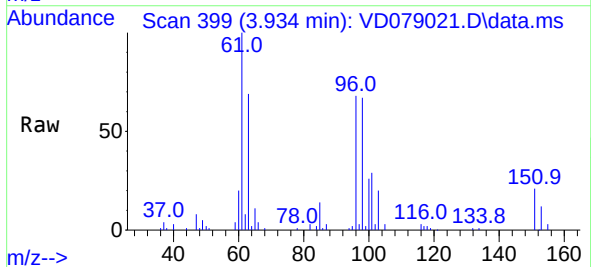
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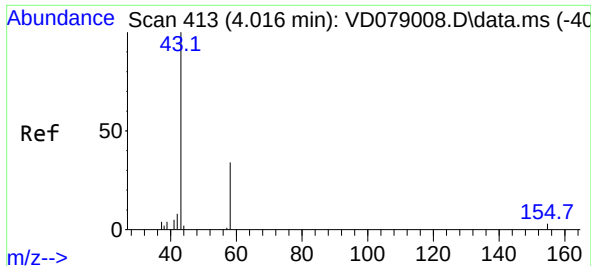
Tgt Ion:101 Resp: 68550
Ion Ratio Lower Upper
101 100
85 44.2 36.2 54.2
151 77.1 62.9 94.3



#12
1,1-Dichloroethene
Concen: 19.329 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 96 Resp: 60333
Ion Ratio Lower Upper
96 100
61 147.7 98.6 183.0
63 101.3 68.3 126.8

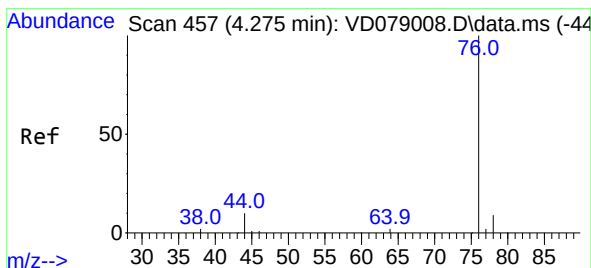
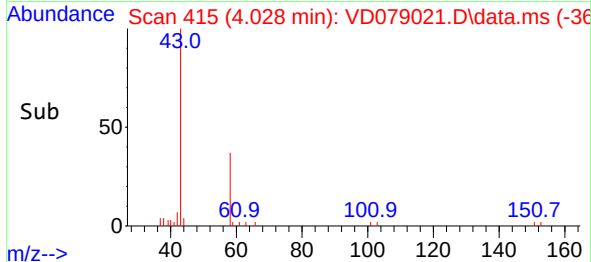
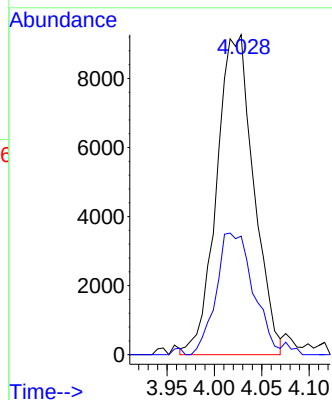
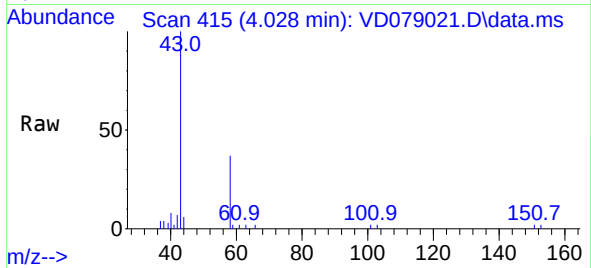




#13
Acetone
Concen: 33.334 ug/L
RT: 4.028 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

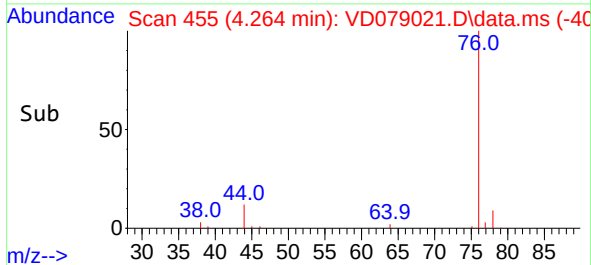
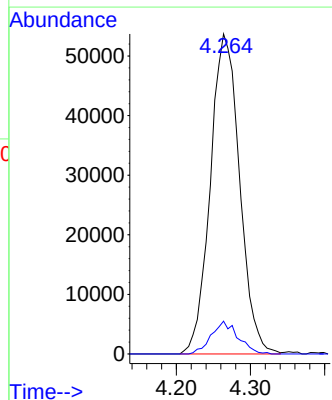
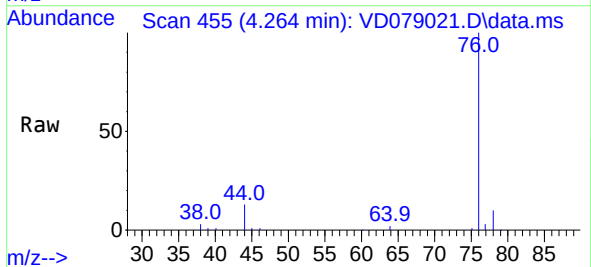
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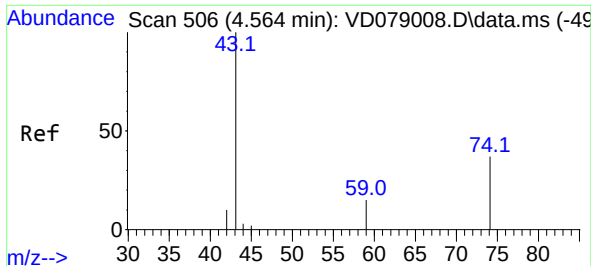
Tgt Ion: 43 Resp: 25222
Ion Ratio Lower Upper
43 100
58 21.7 0.0 75.0



#14
Carbon disulfide
Concen: 16.315 ug/L
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 147566
Ion Ratio Lower Upper
76 100
78 10.2 6.5 9.7#

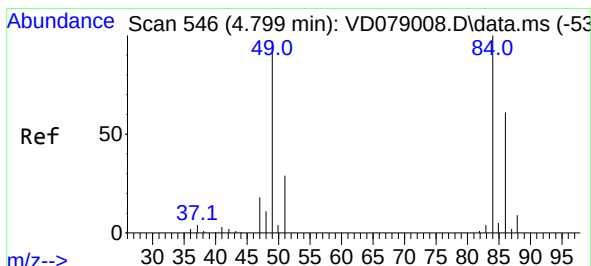
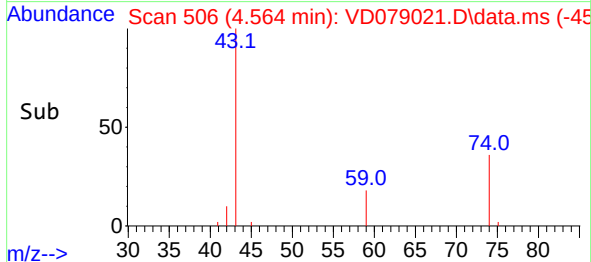
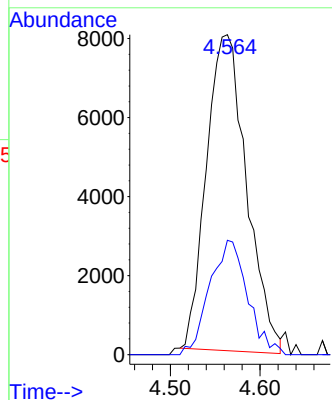
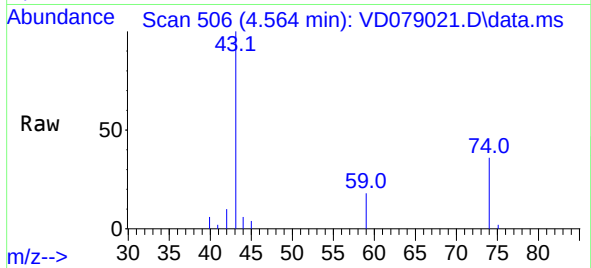




#15
Methyl Acetate
Concen: 20.236 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

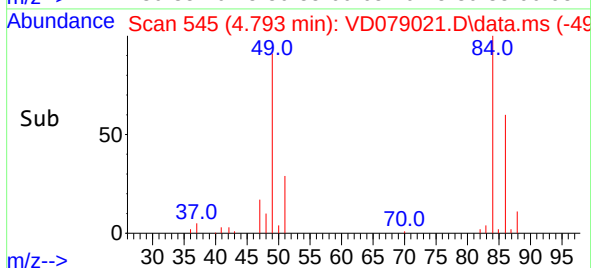
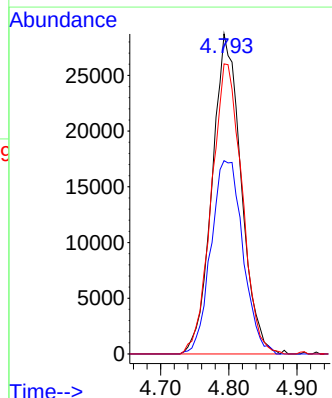
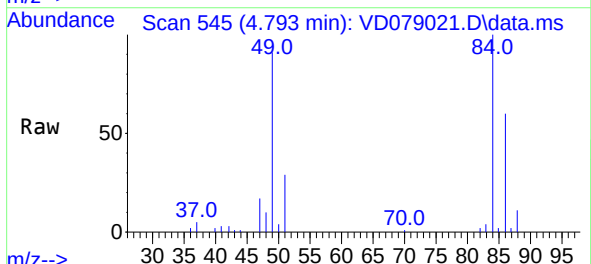
Instrument :
MSVOA_D
ClientSampleId :

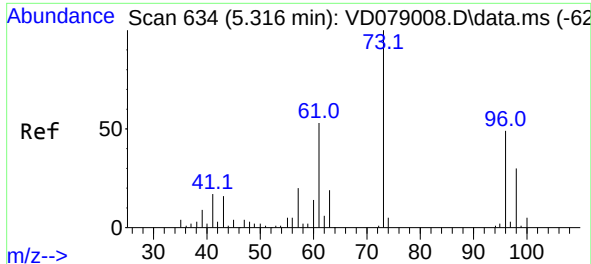
Tgt Ion: 43 Resp: 24878
Ion Ratio Lower Upper
43 100
74 33.4 25.1 37.7



#16
Methylene chloride
Concen: 19.873 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

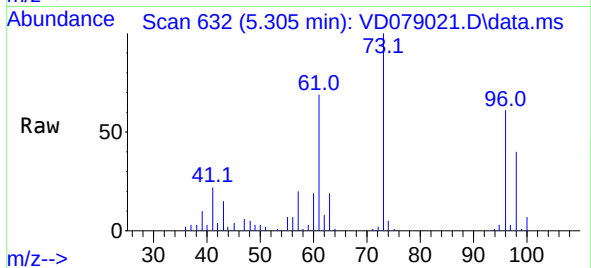
Tgt Ion: 84 Resp: 84979
Ion Ratio Lower Upper
84 100
86 60.4 43.7 81.1
49 90.6 64.0 119.0



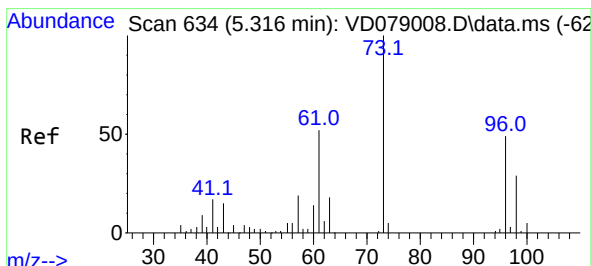
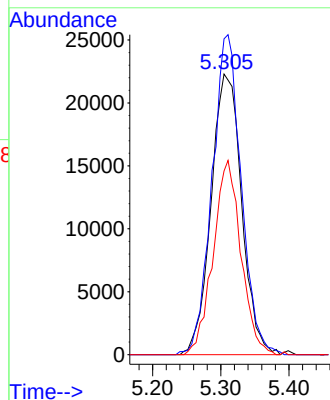
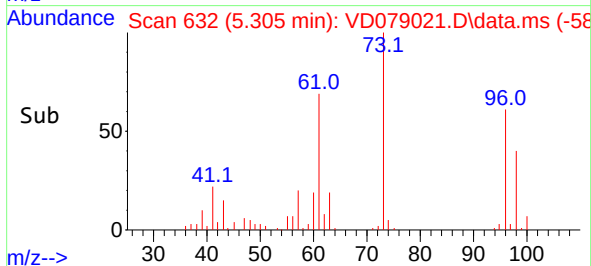


#17
trans-1,2-Dichloroethene
Concen: 21.904 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

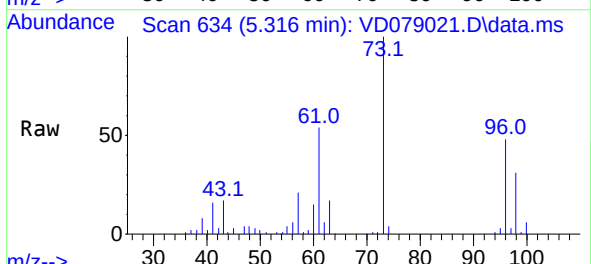
Instrument :
MSVOA_D
ClientSampleId :



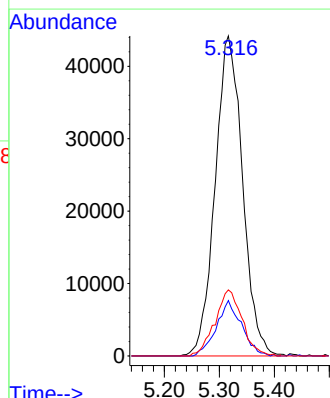
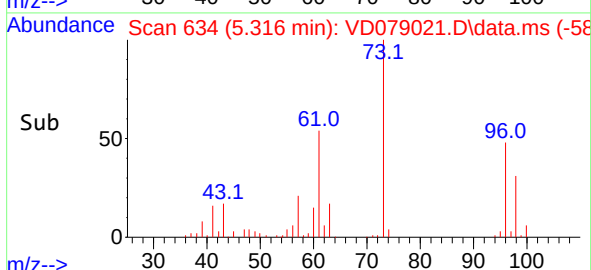
Tgt Ion: 96 Resp: 69614
Ion Ratio Lower Upper
96 100
61 112.6 75.5 140.1
98 65.4 39.1 72.7

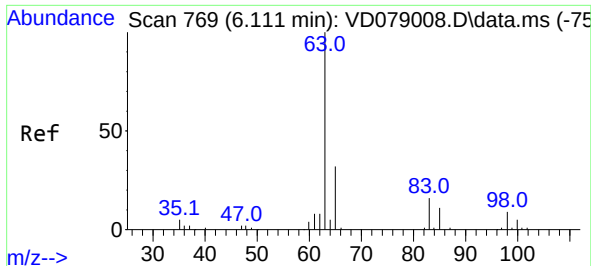


#18
Methyl tert-butyl Ether
Concen: 22.602 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22



Tgt Ion: 73 Resp: 153044
Ion Ratio Lower Upper
73 100
43 15.9 6.7 10.1#
57 20.4 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.751 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD079021.D

Acq: 24 May 2024 16:22

Instrument :

MSVOA_D

ClientSampleId :

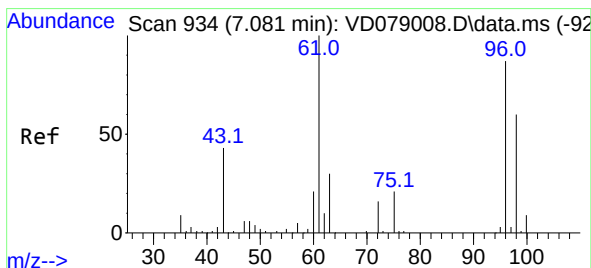
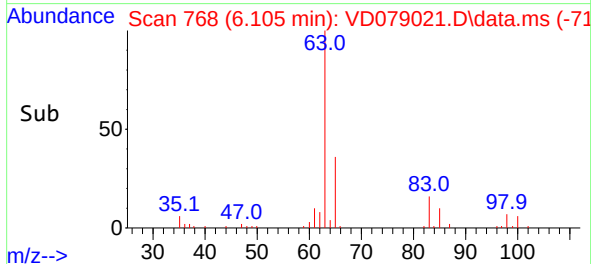
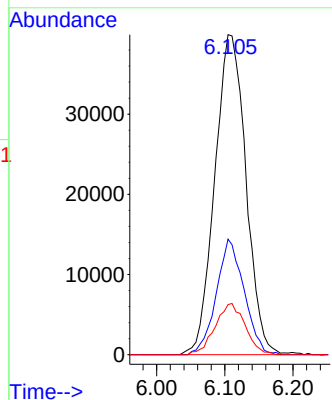
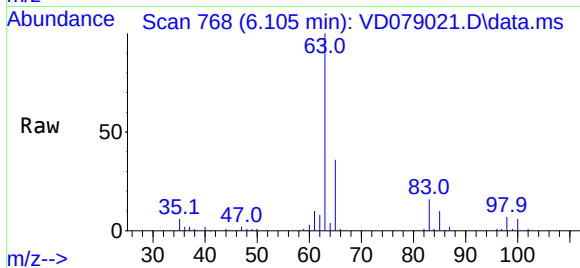
Tgt Ion: 63 Resp: 126784

Ion Ratio Lower Upper

63 100

65 36.1 23.5 43.7

83 15.6 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 23.340 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD079021.D

Acq: 24 May 2024 16:22

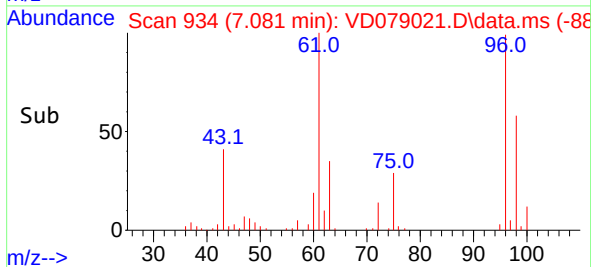
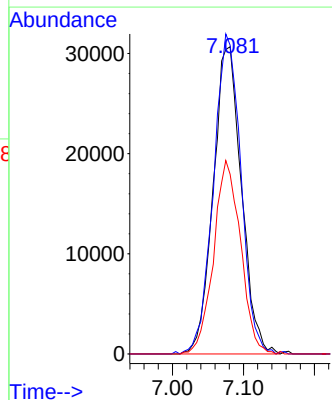
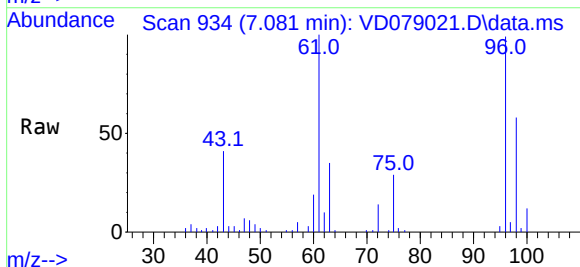
Tgt Ion: 96 Resp: 84611

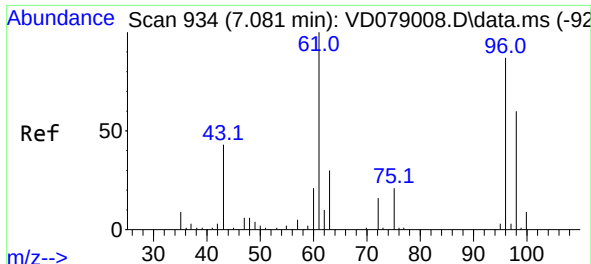
Ion Ratio Lower Upper

96 100

61 100.5 71.6 133.0

98 58.5 40.1 74.5

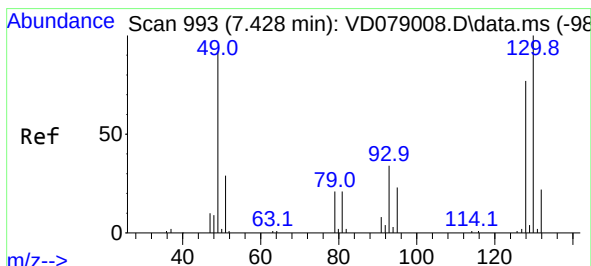
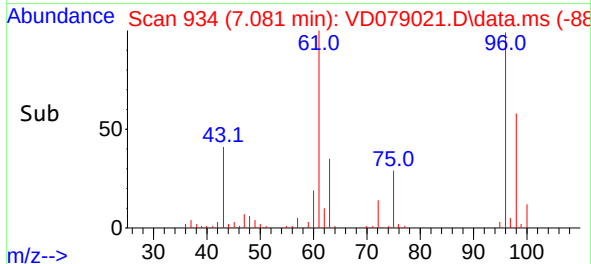
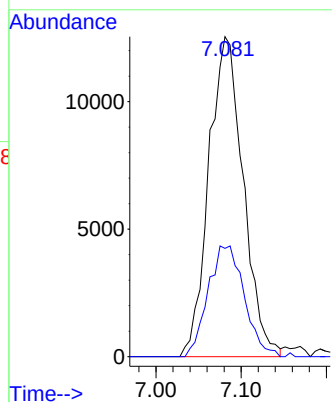
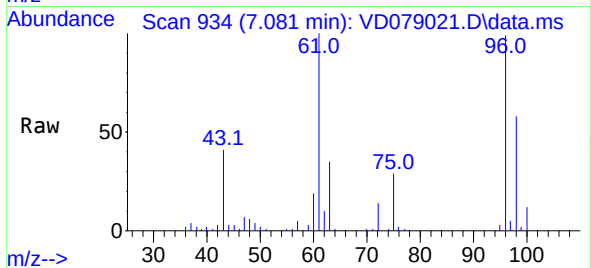




#22
2-Butanone
Concen: 40.431 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

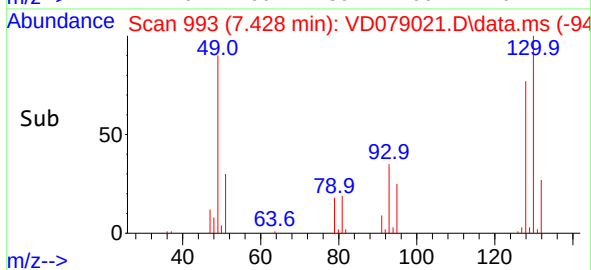
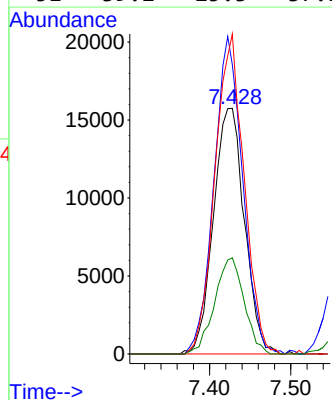
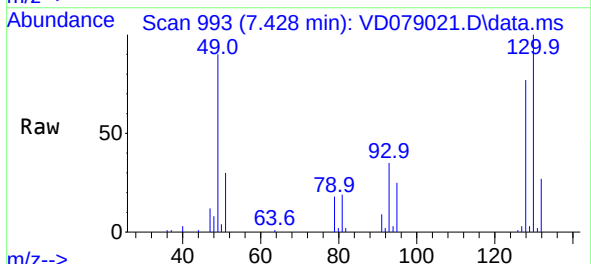
Instrument :
MSVOA_D
ClientSampleId :

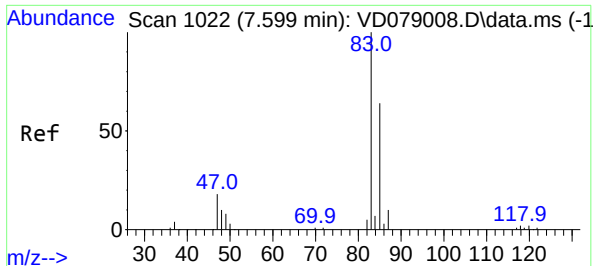
Tgt Ion: 43 Resp: 35172
Ion Ratio Lower Upper
43 100
72 36.4 17.1 51.2



#23
Bromochloromethane
Concen: 23.036 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion:128 Resp: 41726
Ion Ratio Lower Upper
128 100
49 117.7 77.3 143.5
130 130.3 83.4 154.8
51 39.2 25.3 37.9#

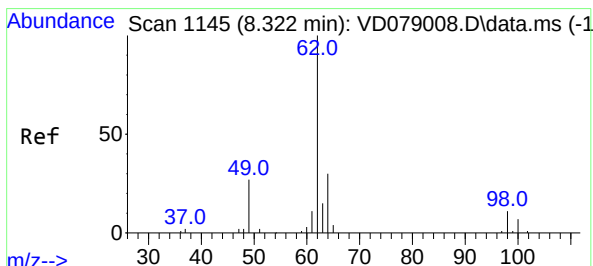
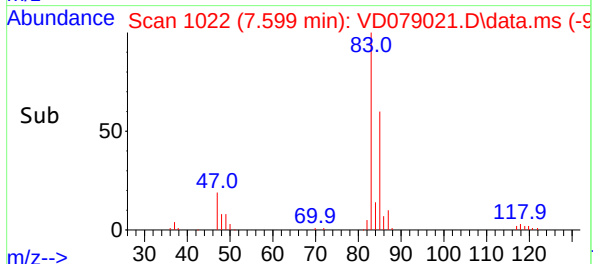
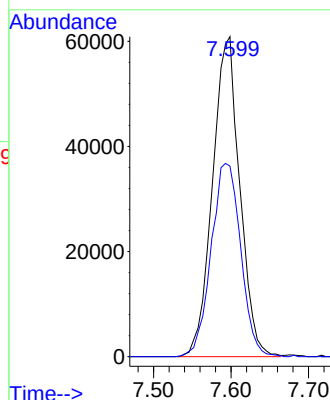
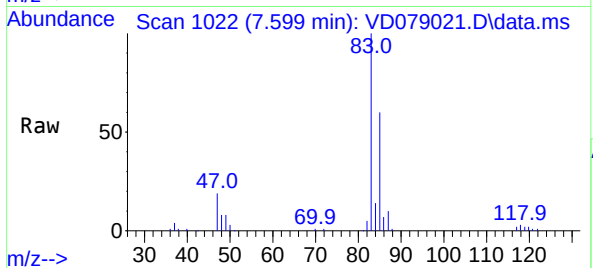




#25
Chloroform
Concen: 23.249 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

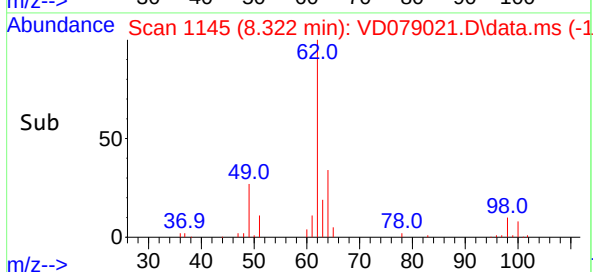
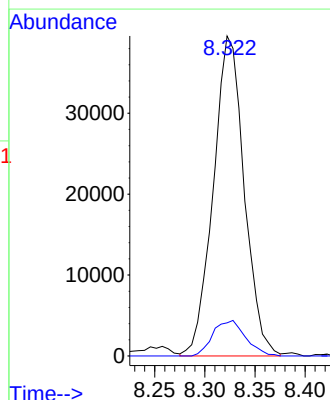
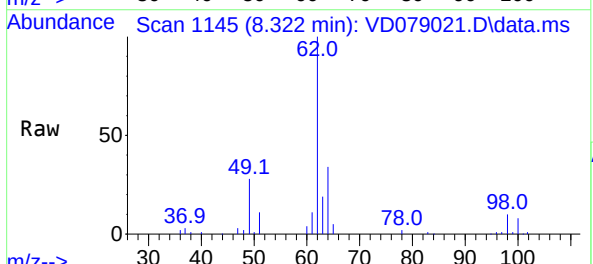
Instrument :
MSVOA_D
ClientSampleId :

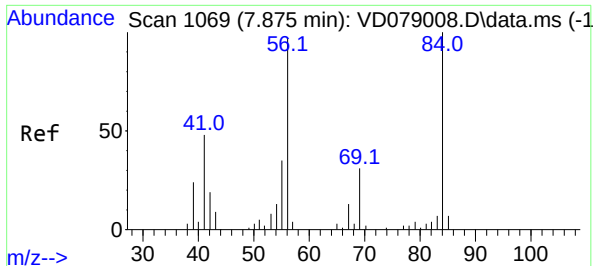
Tgt Ion: 83 Resp: 149176
Ion Ratio Lower Upper
83 100
85 59.5 41.8 77.6



#27
1,2-Dichloroethane
Concen: 22.837 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 62 Resp: 84869
Ion Ratio Lower Upper
62 100
98 10.3 10.2 15.4

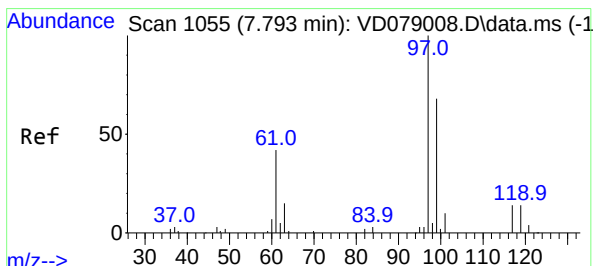
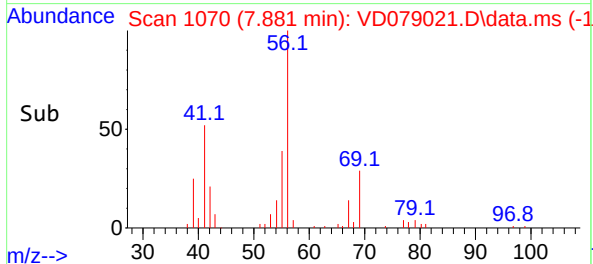
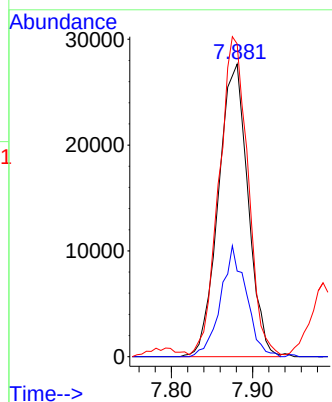
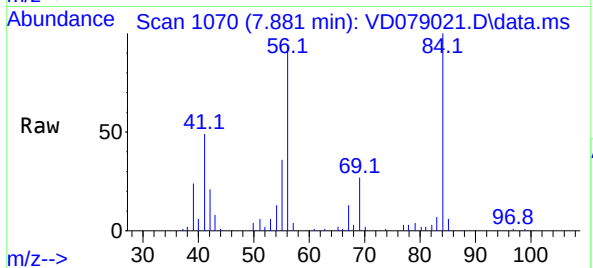




#29
Cyclohexane
Concen: 20.737 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

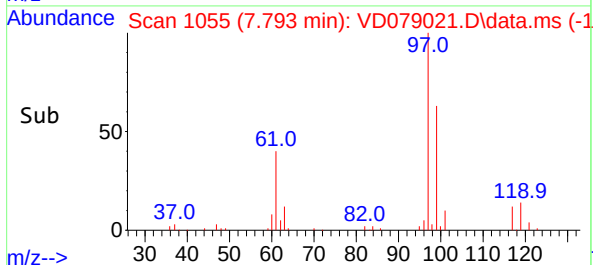
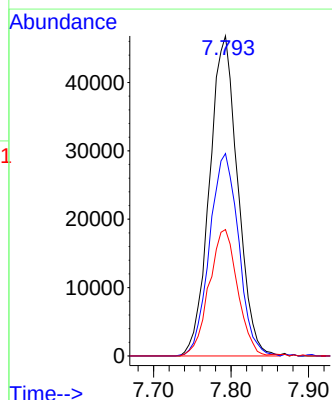
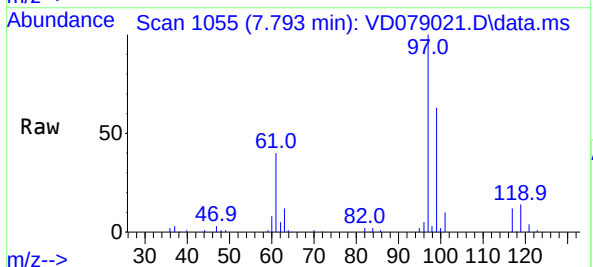
Instrument :
MSVOA_D
ClientSampleId :

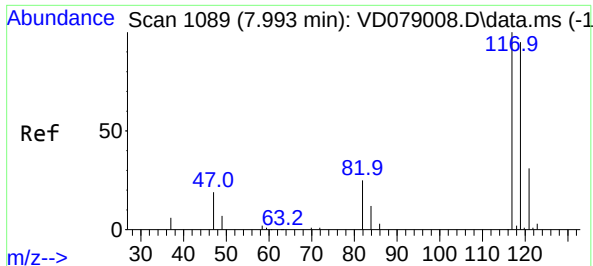
Tgt Ion: 56 Resp: 70110
Ion Ratio Lower Upper
56 100
69 32.8 25.2 37.8
84 107.1 83.4 125.2



#30
1,1,1-Trichloroethane
Concen: 24.331 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 97 Resp: 118419
Ion Ratio Lower Upper
97 100
99 65.1 52.6 78.8
61 39.9 32.6 48.8

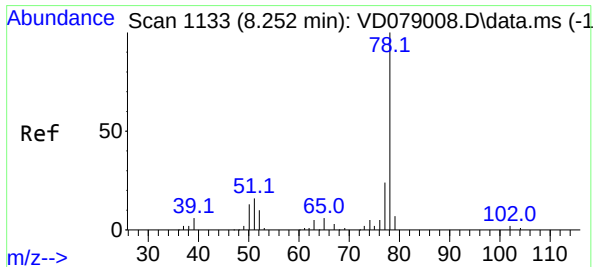
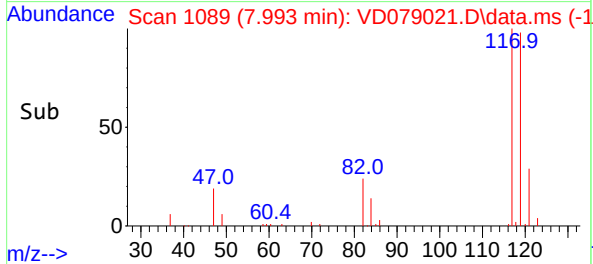
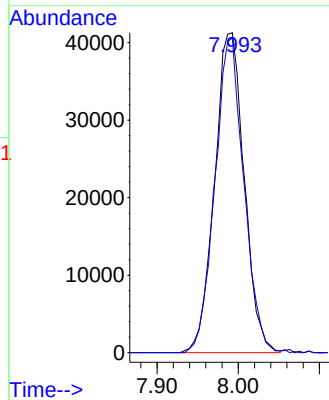
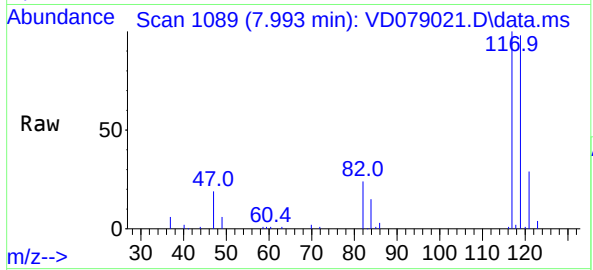




#31
Carbon tetrachloride
Concen: 23.329 ug/L
RT: 7.993 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

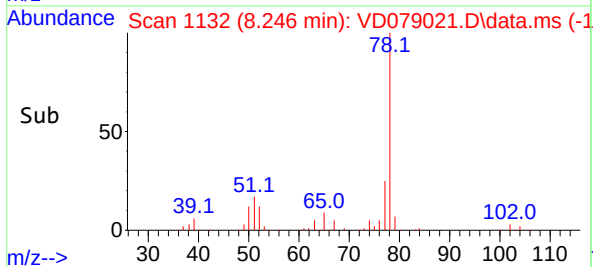
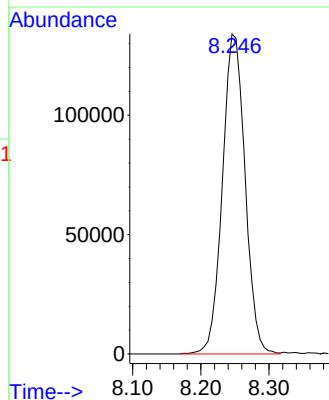
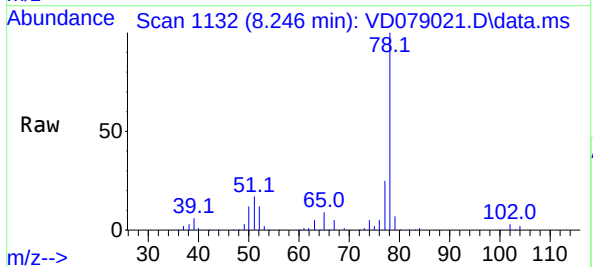
Instrument :
MSVOA_D
ClientSampleId :

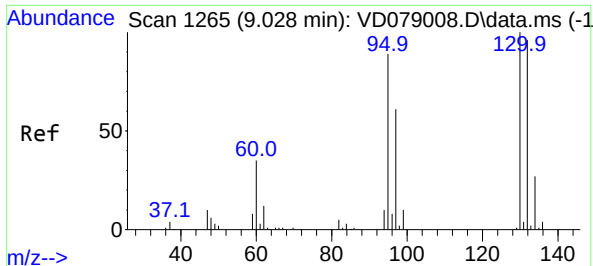
Tgt Ion:117 Resp: 104546
Ion Ratio Lower Upper
117 100
119 95.9 77.7 116.5



#33
Benzene
Concen: 25.753 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 78 Resp: 310535

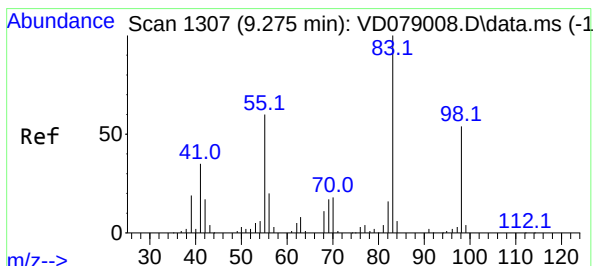
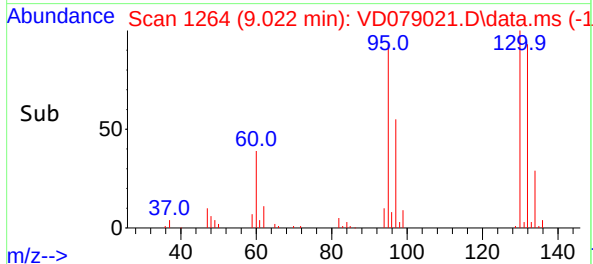
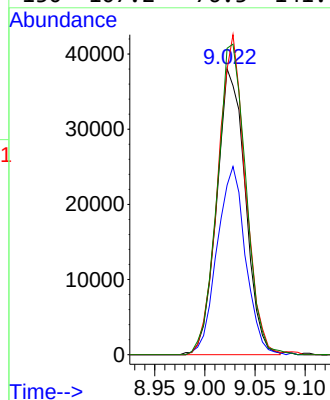
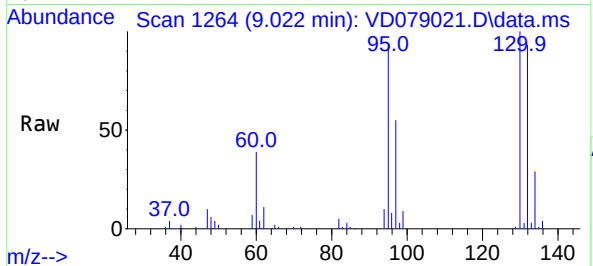




#34
Trichloroethene
Concen: 24.205 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

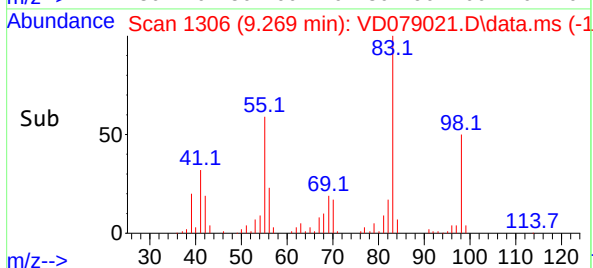
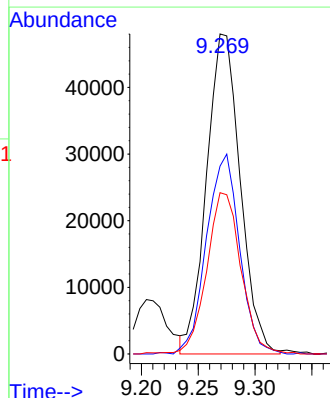
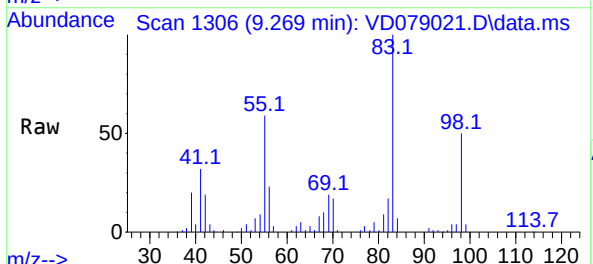
Instrument :
MSVOA_D
ClientSampleId :

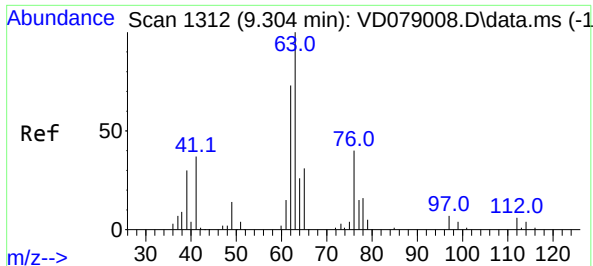
Tgt Ion: 95 Resp: 75193
Ion Ratio Lower Upper
95 100
97 59.3 42.6 79.2
132 99.9 69.5 129.1
130 107.2 76.3 141.7



#35
Methylcyclohexane
Concen: 21.238 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 83 Resp: 99192
Ion Ratio Lower Upper
83 100
55 61.1 49.0 73.6
98 51.2 40.1 60.1

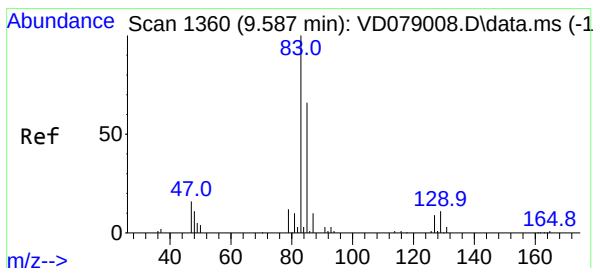
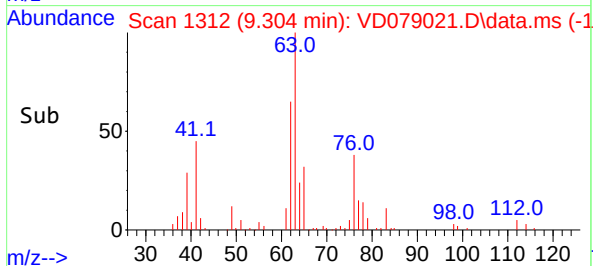
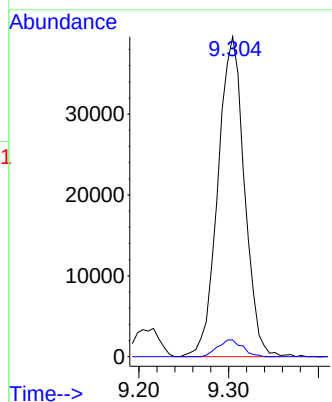
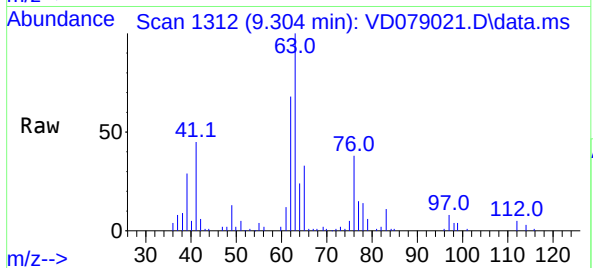




#37
1,2-Dichloropropane
Concen: 26.553 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

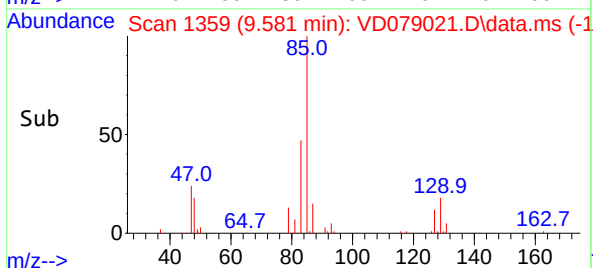
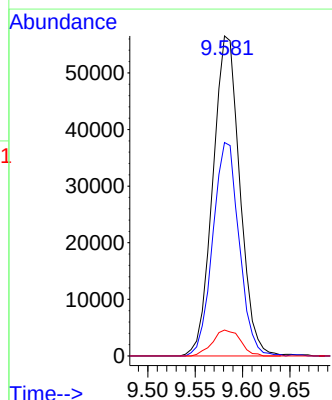
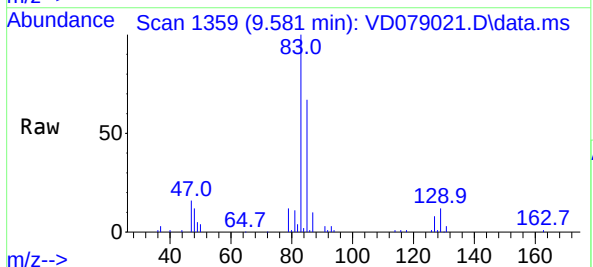
Instrument :
MSVOA_D
ClientSampleId :

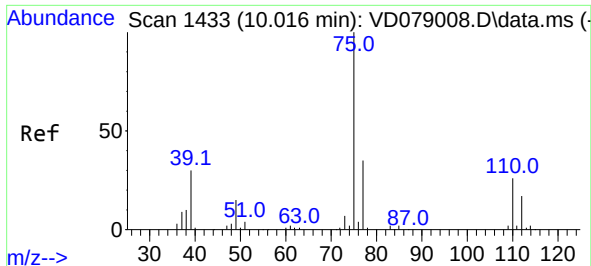
Tgt Ion: 63 Resp: 81142
Ion Ratio Lower Upper
63 100
112 4.9 4.1 6.1



#38
Bromodichloromethane
Concen: 25.939 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 83 Resp: 112087
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.4
127 8.1 7.6 11.4

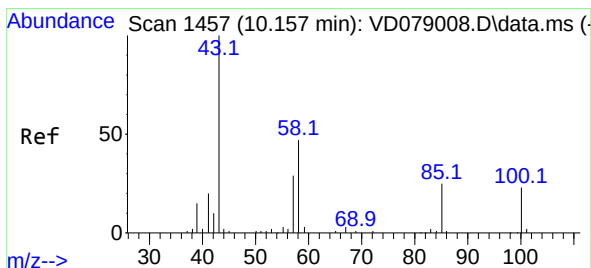
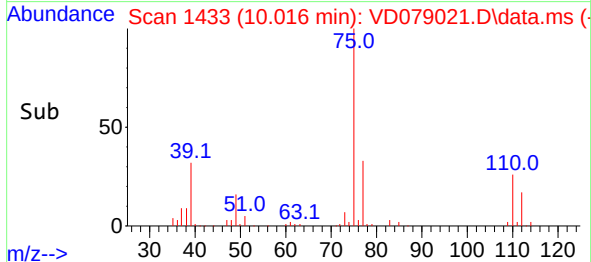
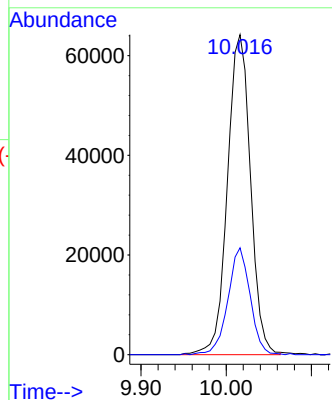
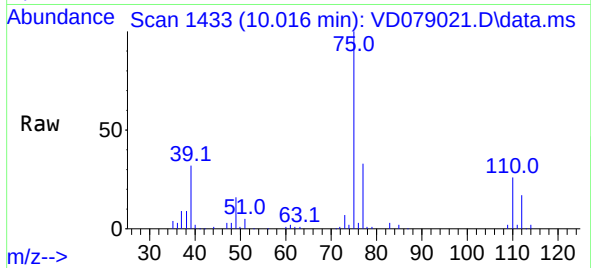




#39
cis-1,3-Dichloropropene
Concen: 25.242 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

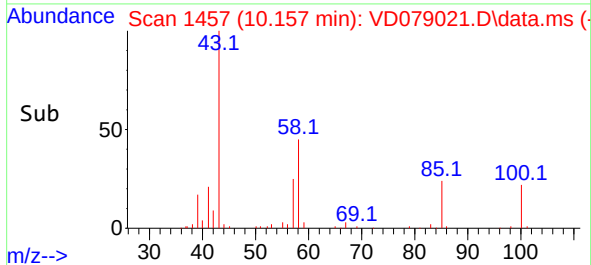
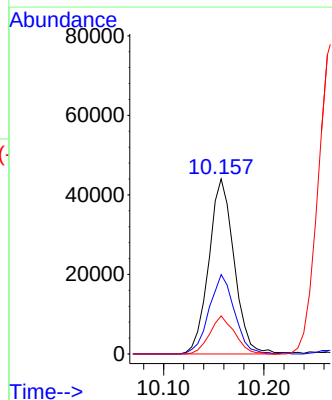
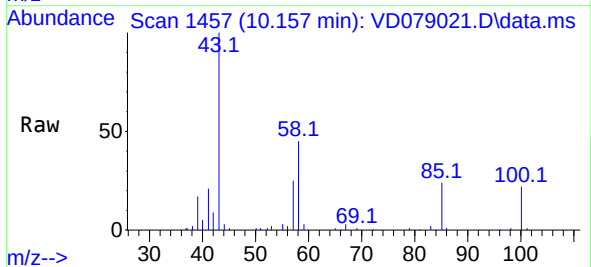
Instrument :
MSVOA_D
ClientSampleId :

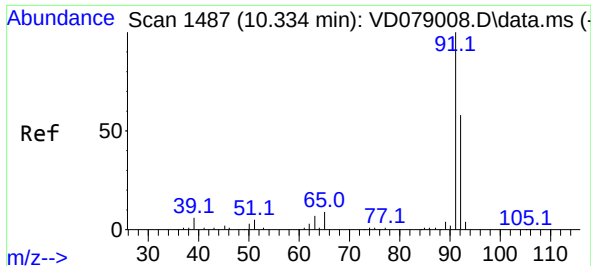
Tgt Ion: 75 Resp: 121004
Ion Ratio Lower Upper
75 100
77 33.4 20.0 37.2



#40
4-Methyl-2-pentanone
Concen: 49.997 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

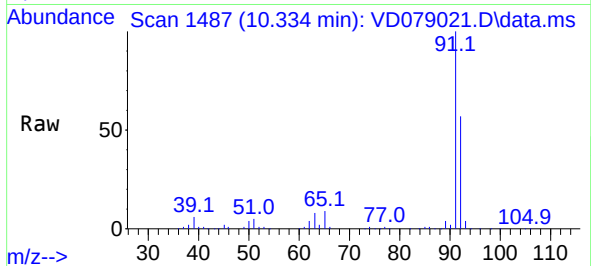
Tgt Ion: 43 Resp: 77173
Ion Ratio Lower Upper
43 100
58 45.6 38.0 57.0
100 21.3 17.3 25.9



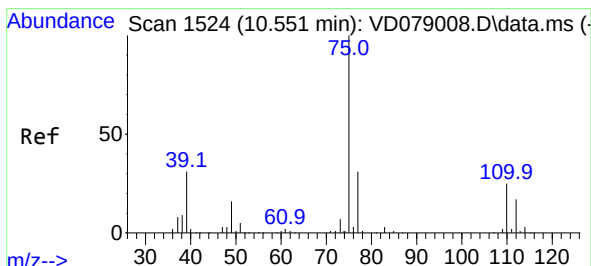
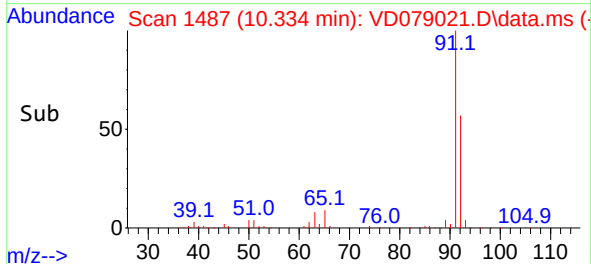
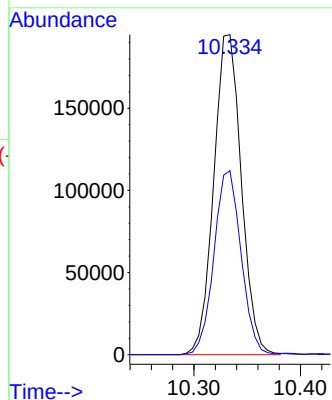


#42
Toluene
Concen: 26.442 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

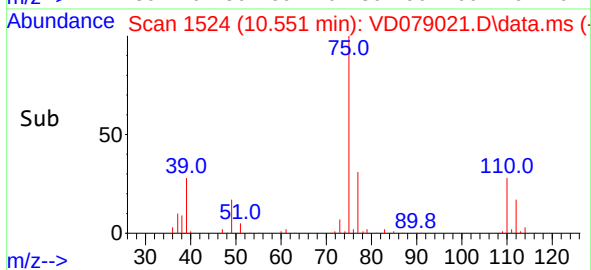
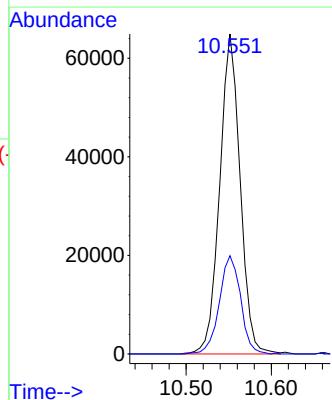
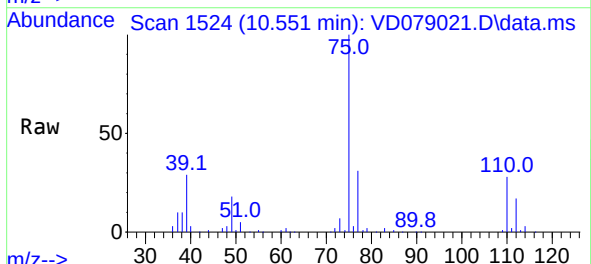


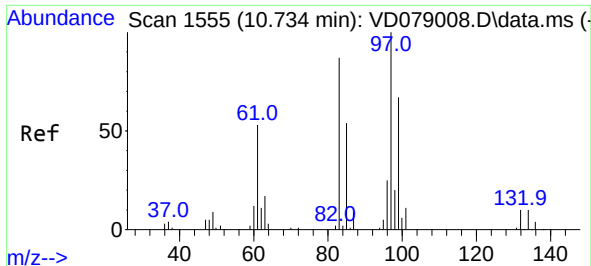
Tgt Ion: 91 Resp: 350551
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 25.586 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

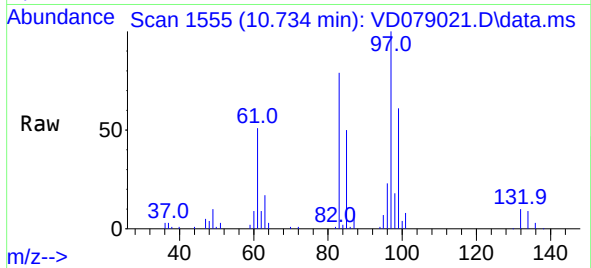
Tgt Ion: 75 Resp: 108433
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4





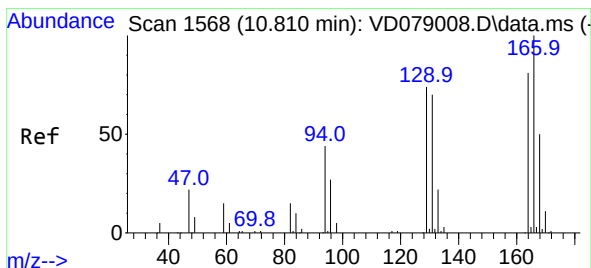
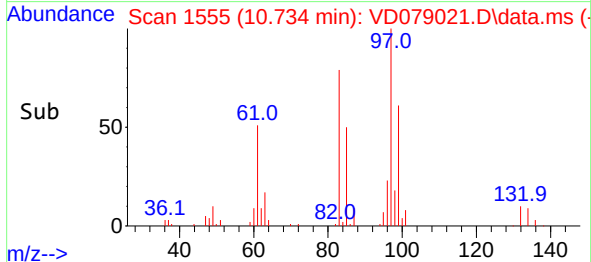
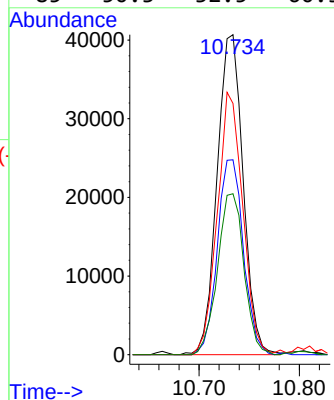
#45
1,1,2-Trichloroethane
Concen: 26.213 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 73248

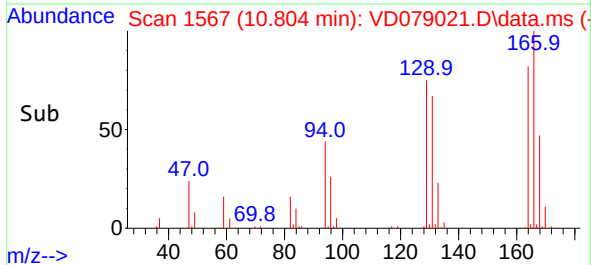
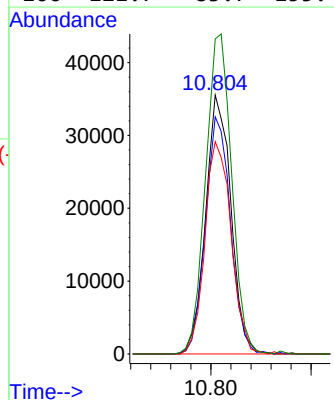
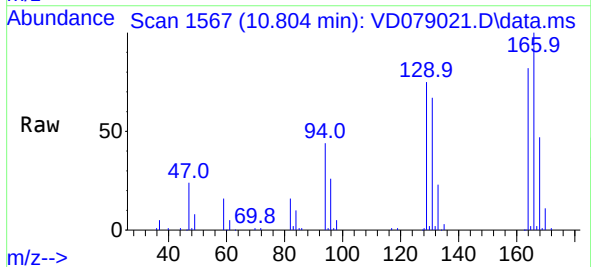
Ion	Ratio	Lower	Upper
97	100		
99	60.9	39.1	72.7
83	78.5	54.6	101.4
85	50.3	32.5	60.3

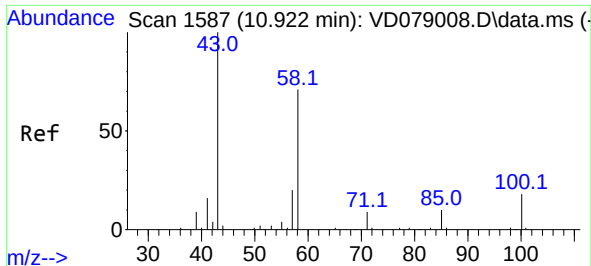


#46
Tetrachloroethene
Concen: 23.327 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 164 Resp: 62349

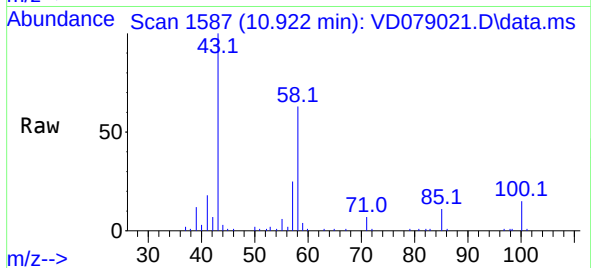
Ion	Ratio	Lower	Upper
164	100		
129	91.6	63.3	117.7
131	82.1	60.8	112.8
166	121.7	83.7	155.4





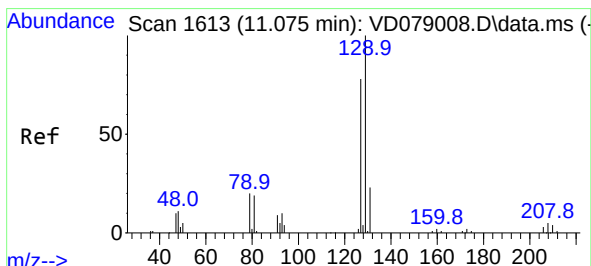
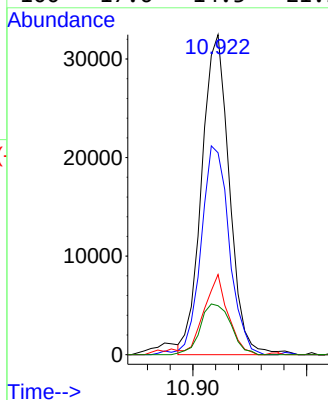
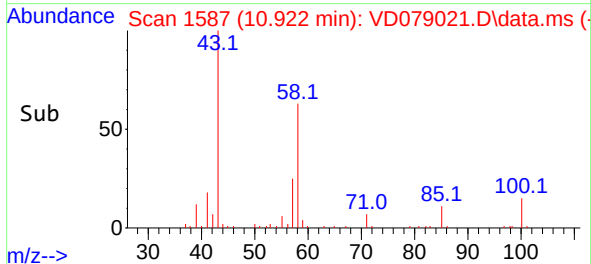
#48
2-Hexanone
Concen: 45.845 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 54857

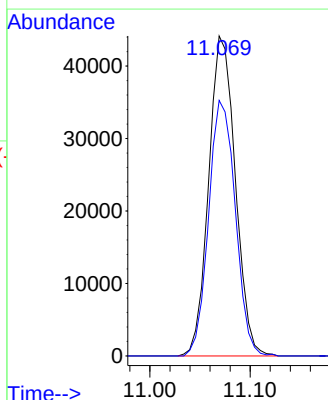
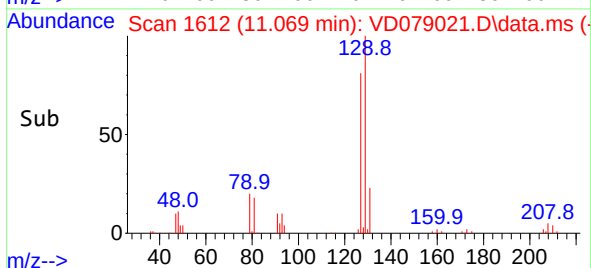
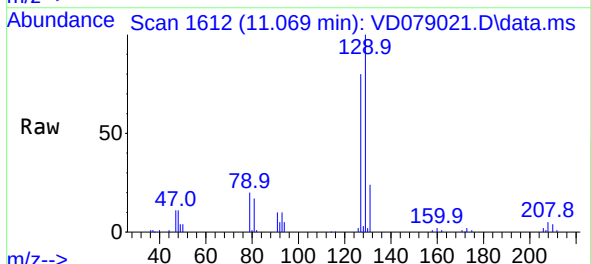
Ion	Ratio	Lower	Upper
43	100		
58	66.3	53.4	80.2
57	21.8	17.0	25.4
100	17.6	14.3	21.5

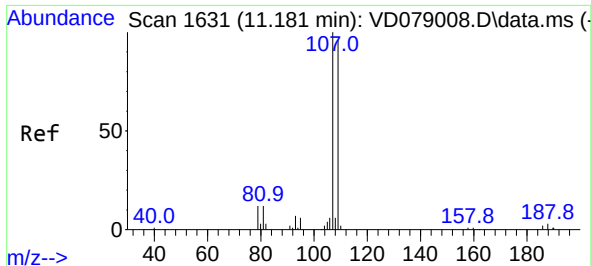


#49
Dibromochloromethane
Concen: 23.995 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 129 Resp: 81517

Ion	Ratio	Lower	Upper
129	100		
127	79.9	54.8	101.8





#50

1,2-Dibromoethane

Concen: 24.080 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079021.D

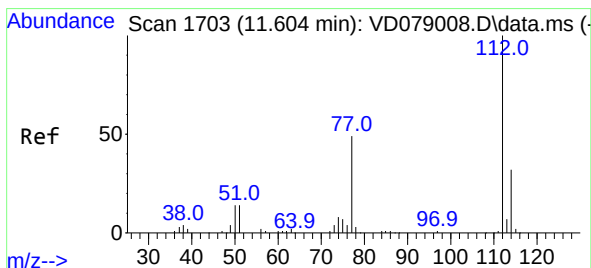
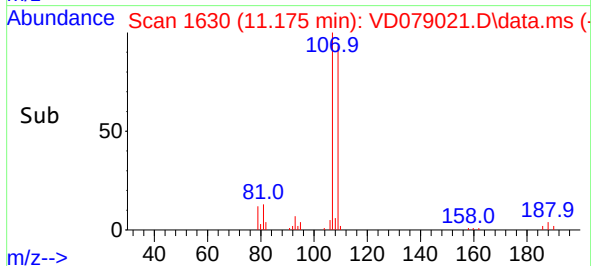
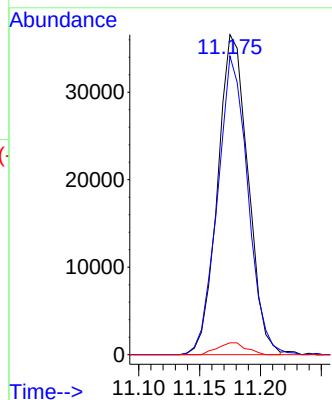
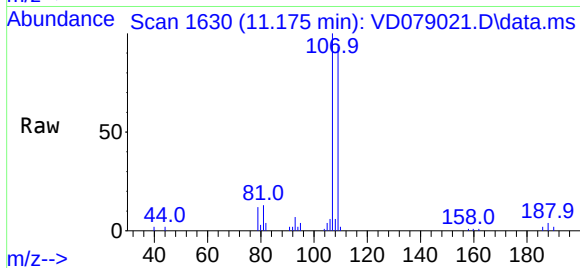
Acq: 24 May 2024 16:22

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	63562
Ion Ratio	Lower	Upper
107	100	
109	93.3	67.0 124.4
188	3.7	3.4 5.2



#51

Chlorobenzene

Concen: 25.300 ug/L

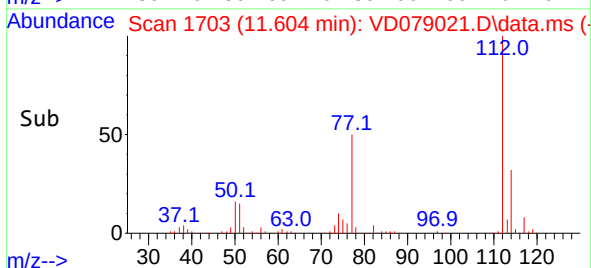
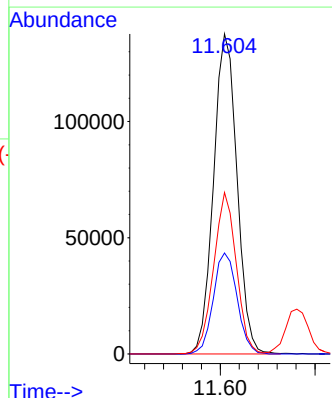
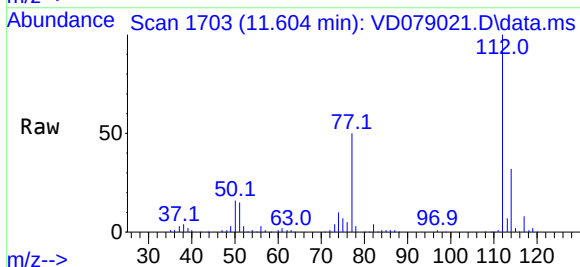
RT: 11.604 min Scan# 1703

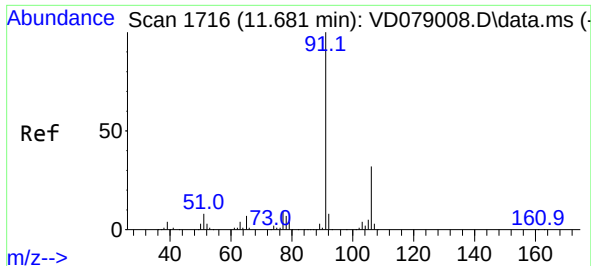
Delta R.T. -0.000 min

Lab File: VD079021.D

Acq: 24 May 2024 16:22

Tgt Ion:112	Resp:	236955
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.5 41.9
77	50.4	39.4 59.0

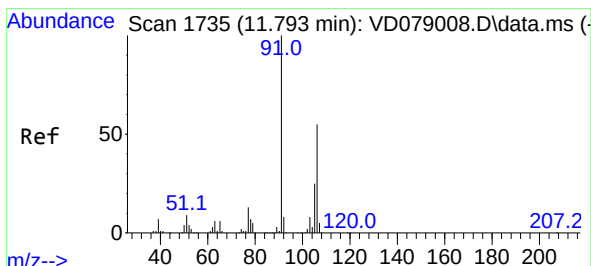
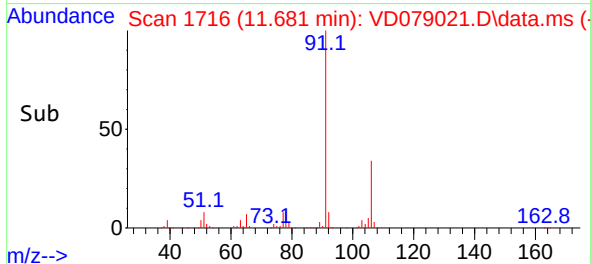
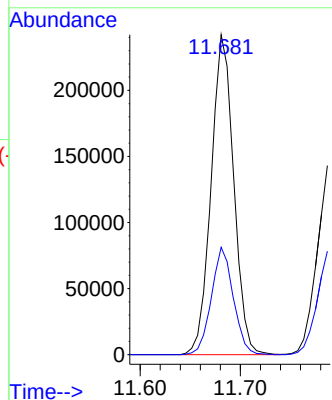
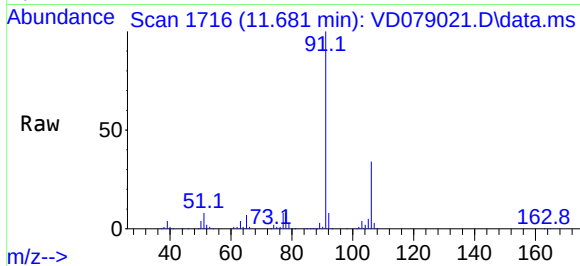




#52
Ethylbenzene
Concen: 26.530 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

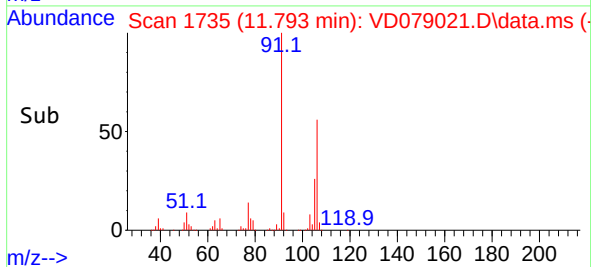
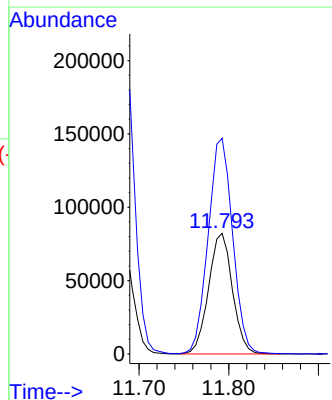
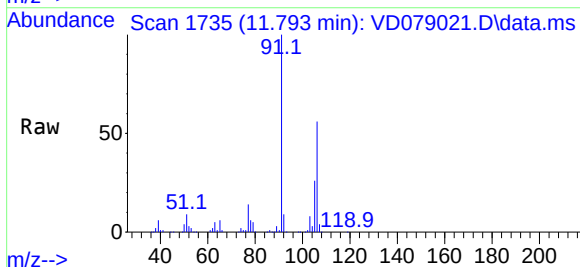
Instrument :
MSVOA_D
ClientSampleId :

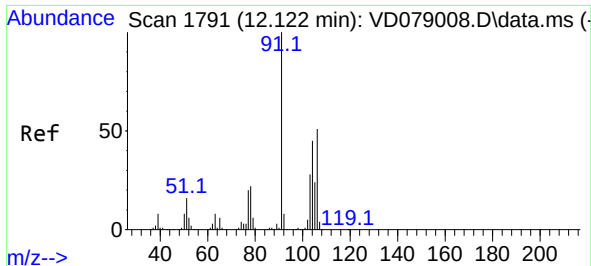
Tgt Ion: 91 Resp: 379589
Ion Ratio Lower Upper
91 100
106 33.6 21.6 40.2



#53
m,p-Xylene
Concen: 26.510 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion:106 Resp: 151743
Ion Ratio Lower Upper
106 100
91 178.7 128.3 238.3

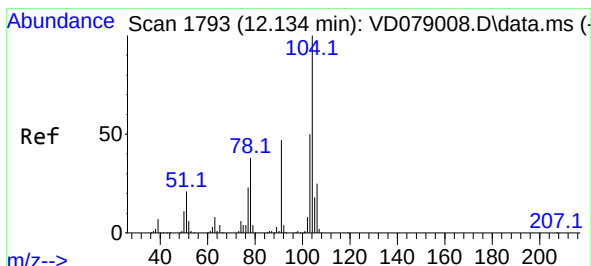
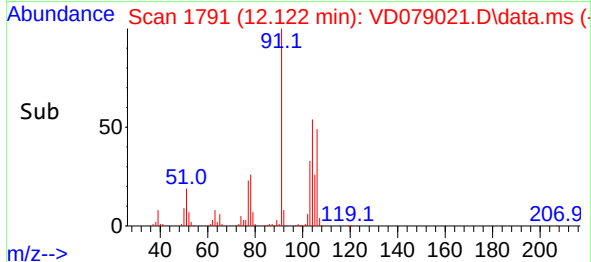
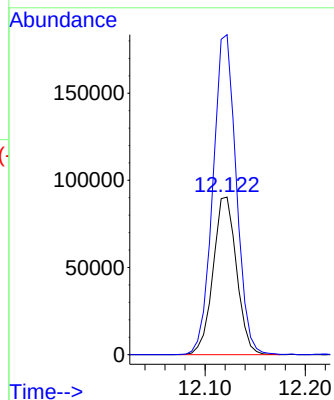
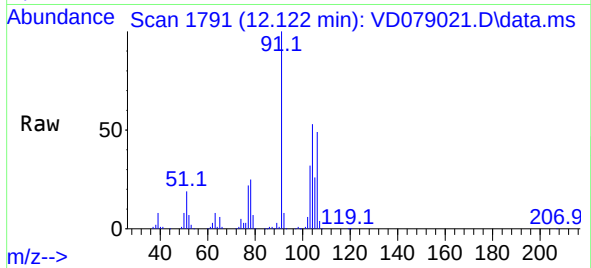




#54
o-Xylene
Concen: 26.377 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

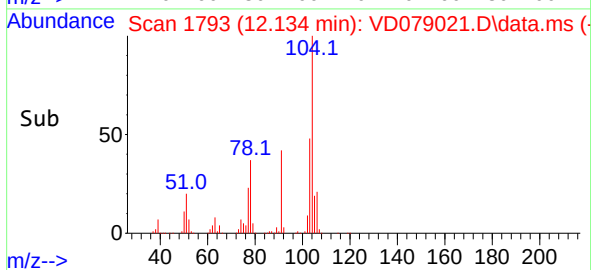
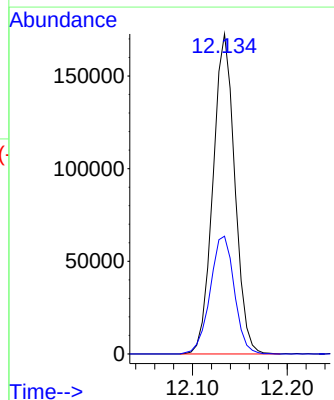
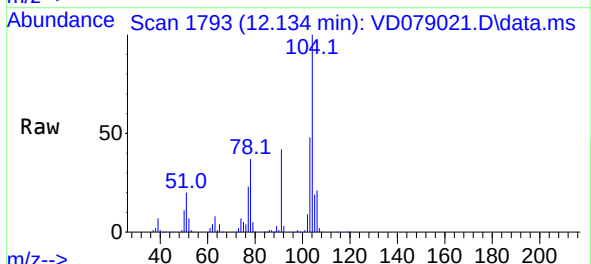
Instrument :
MSVOA_D
ClientSampleId :

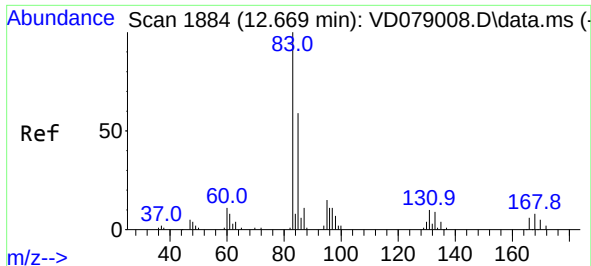
Tgt Ion:106 Resp: 147054
Ion Ratio Lower Upper
106 100
91 203.1 138.3 256.9



#55
Styrene
Concen: 28.042 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion:104 Resp: 276269
Ion Ratio Lower Upper
104 100
78 36.8 27.8 51.6

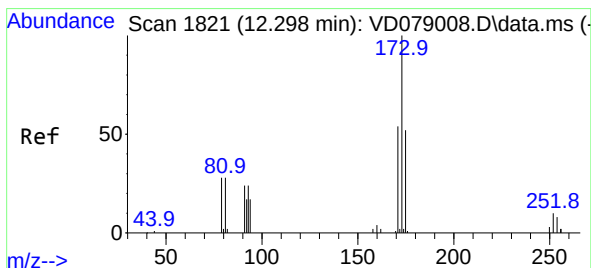
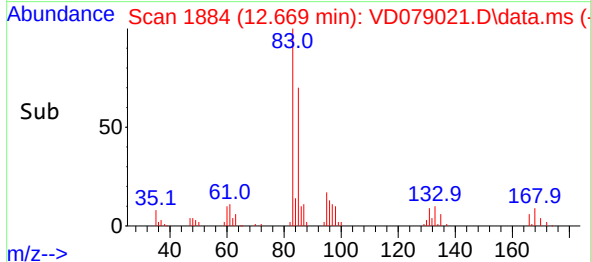
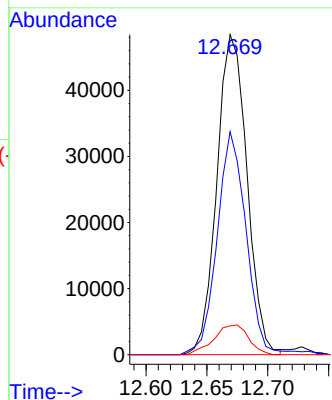
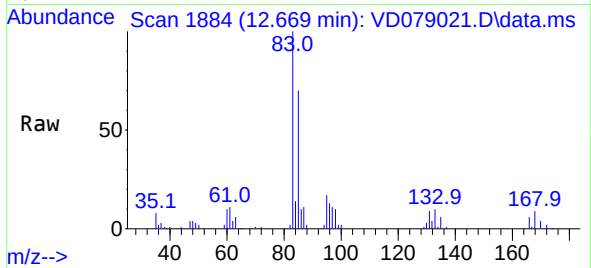




#57
1,1,2,2-Tetrachloroethane
Concen: 24.650 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

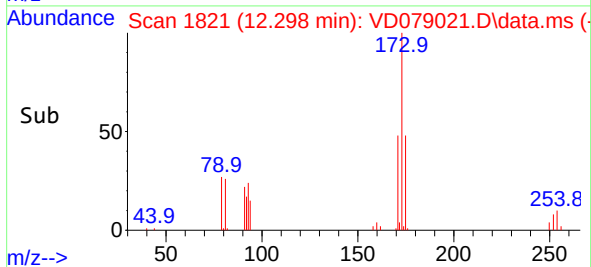
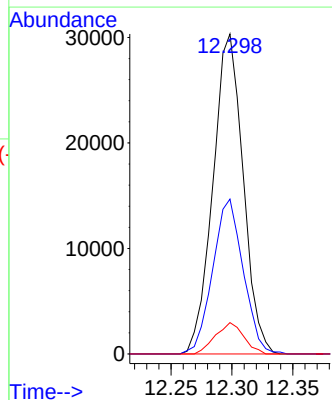
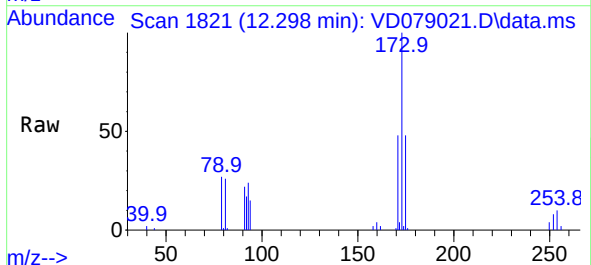
Instrument :
MSVOA_D
ClientSampleId :

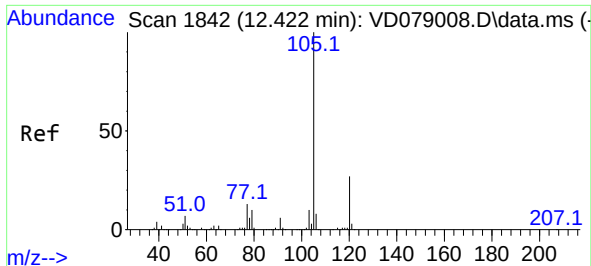
Tgt Ion: 83 Resp: 83542
Ion Ratio Lower Upper
83 100
85 69.7 44.3 82.3
131 9.0 7.5 11.3



#59
Bromoform
Concen: 24.755 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

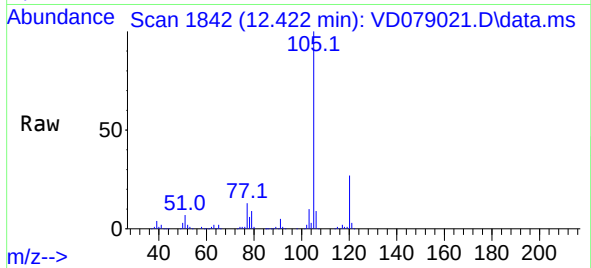
Tgt Ion: 173 Resp: 52209
Ion Ratio Lower Upper
173 100
175 49.0 40.0 60.0
254 9.2 6.3 9.5



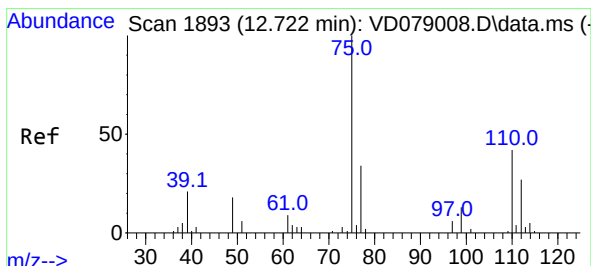
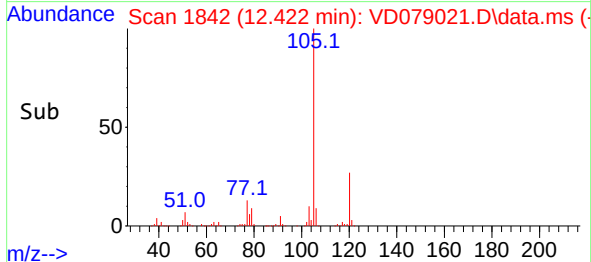
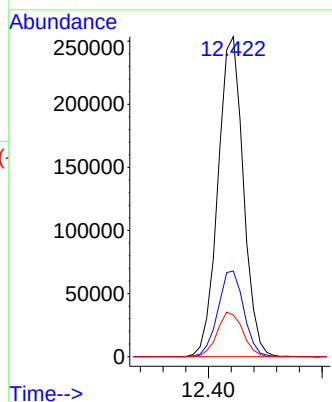


#60
Isopropylbenzene
Concen: 28.511 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

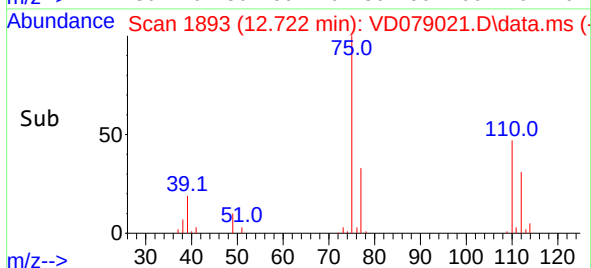
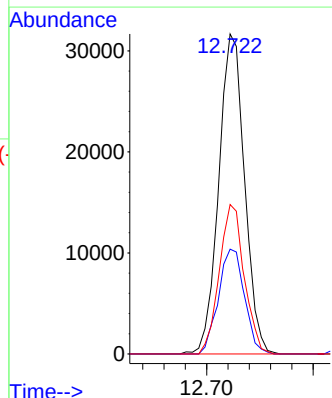
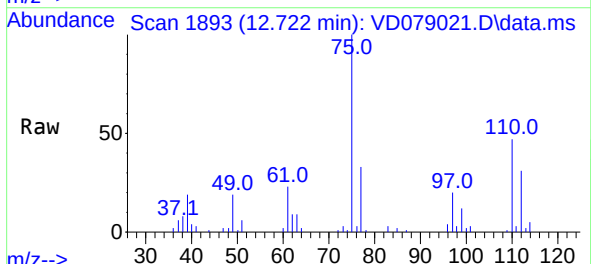


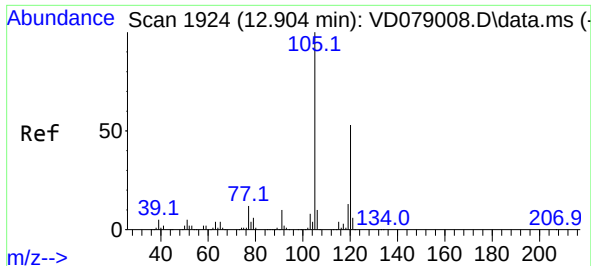
Tgt Ion:105 Resp: 392787
Ion Ratio Lower Upper
105 100
120 27.4 21.8 32.8
77 14.1 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 24.910 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion: 75 Resp: 53209
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 45.1 37.1 55.7

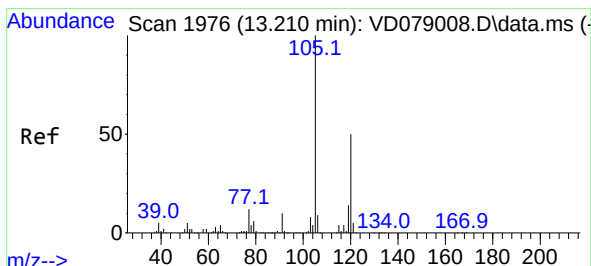
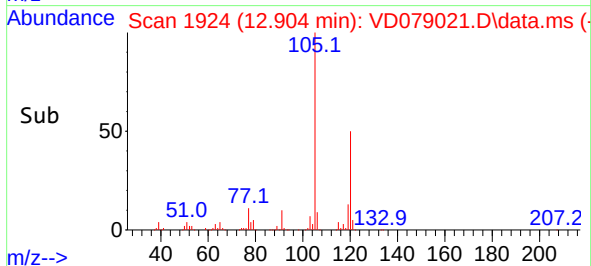
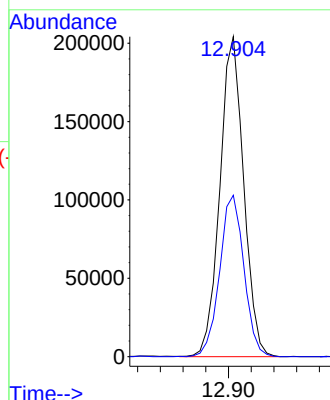
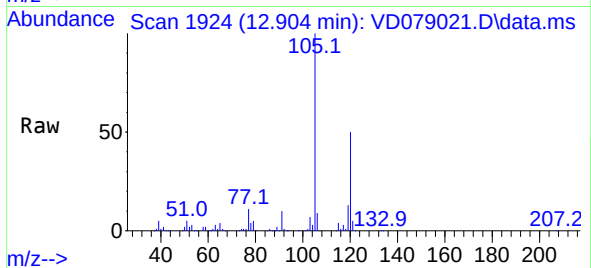




#62
1,3,5-Trimethylbenzene
Concen: 29.169 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

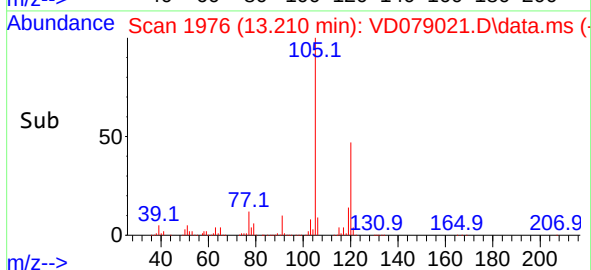
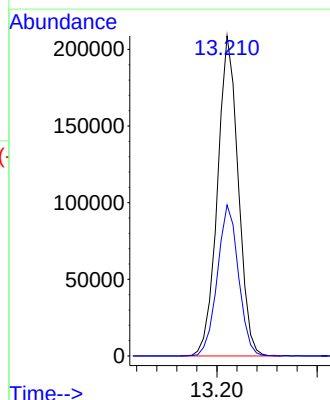
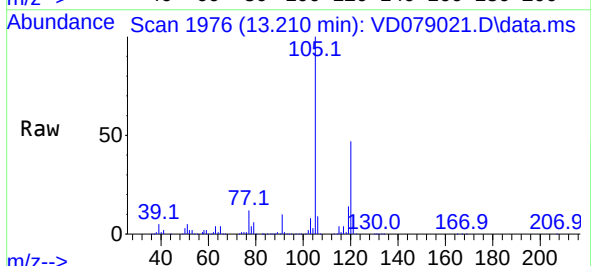
Instrument :
MSVOA_D
ClientSampleId :

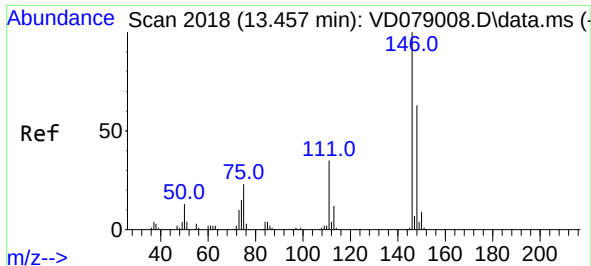
Tgt Ion:105 Resp: 297043
Ion Ratio Lower Upper
105 100
120 51.5 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 28.968 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

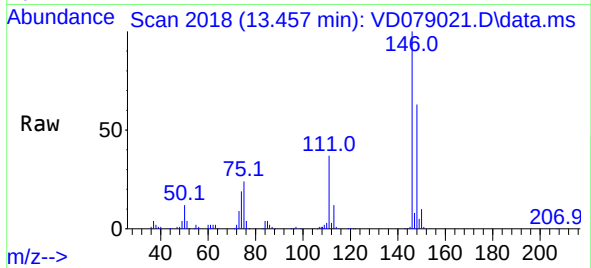
Tgt Ion:105 Resp: 299760
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2



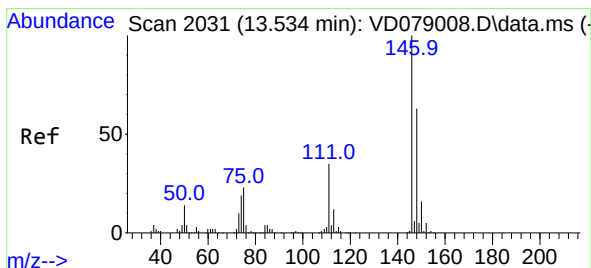
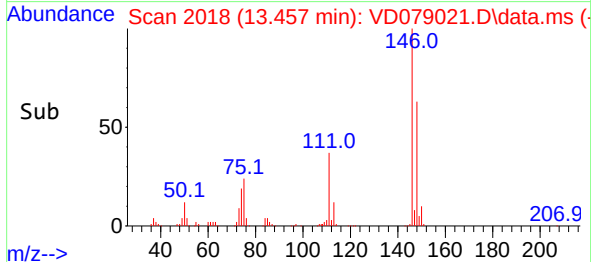
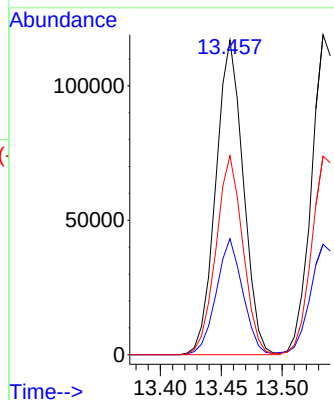


#64
1,3-Dichlorobenzene
Concen: 27.452 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

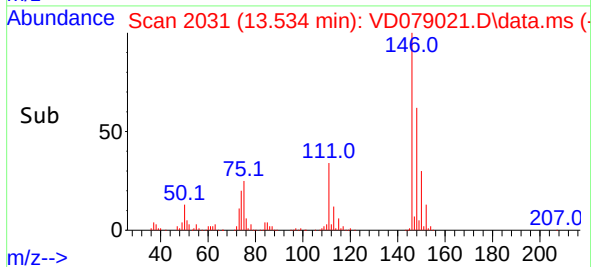
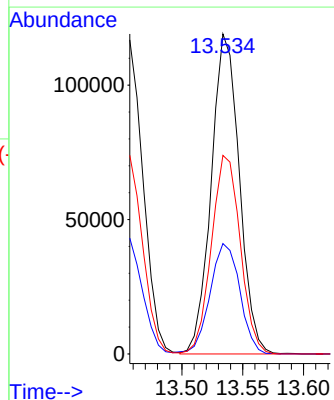
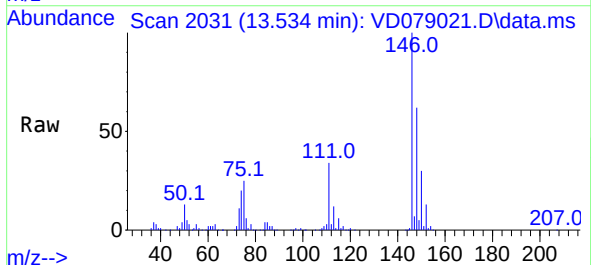


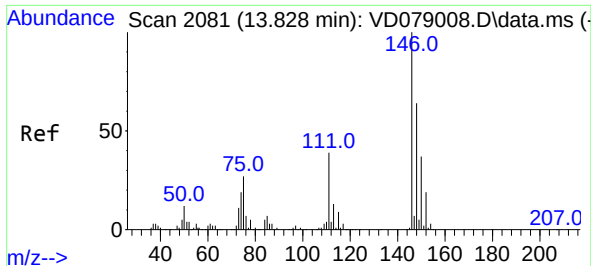
Tgt Ion:146 Resp: 183683
Ion Ratio Lower Upper
146 100
111 36.9 24.0 44.6
148 63.3 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 26.533 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

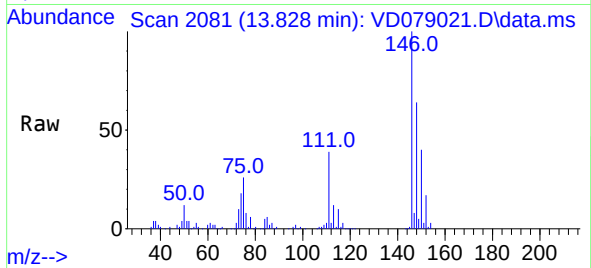
Tgt Ion:146 Resp: 191400
Ion Ratio Lower Upper
146 100
111 34.5 26.9 50.1
148 62.0 46.4 86.2



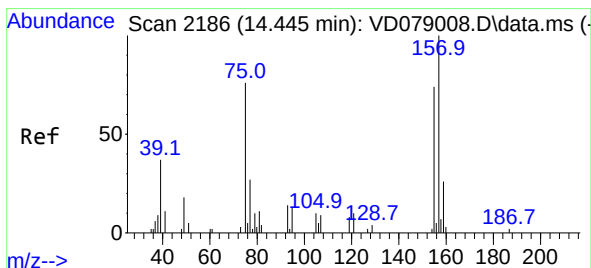
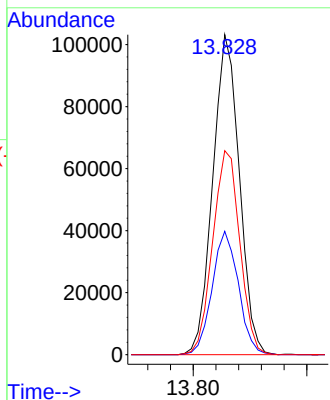
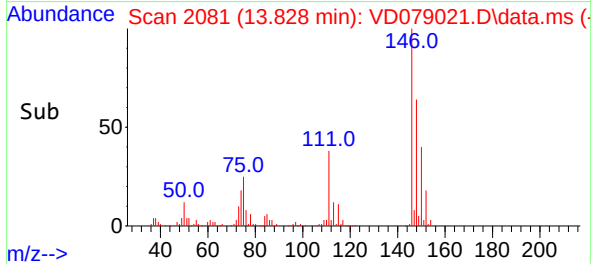


#67
1,2-Dichlorobenzene
Concen: 26.480 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

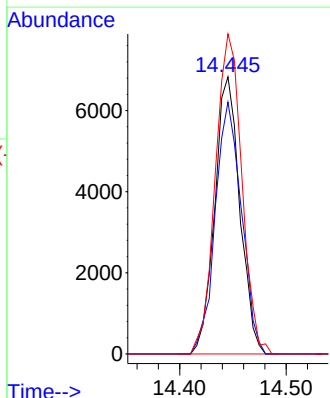
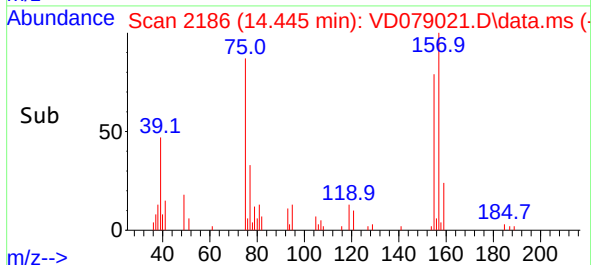
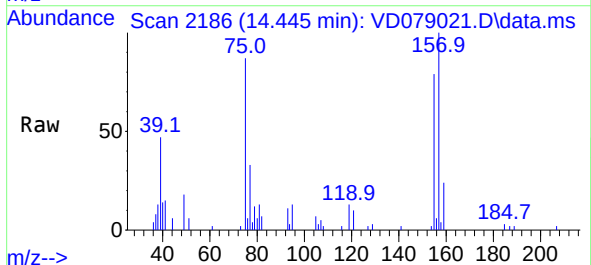


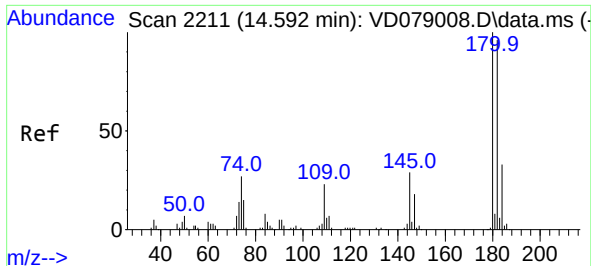
Tgt Ion:146 Resp: 167693
Ion Ratio Lower Upper
146 100
111 38.6 30.9 46.3
148 63.8 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 25.056 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

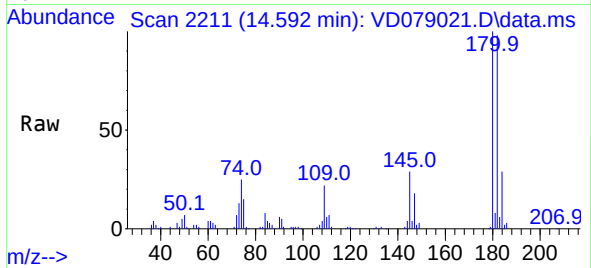
Tgt Ion: 75 Resp: 11149
Ion Ratio Lower Upper
75 100
155 90.9 79.8 119.6
157 115.5 99.9 149.9



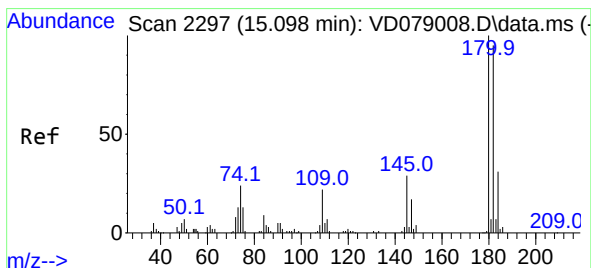
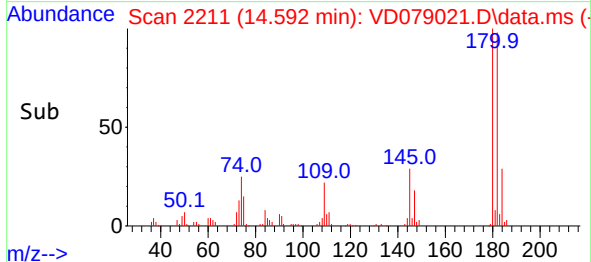
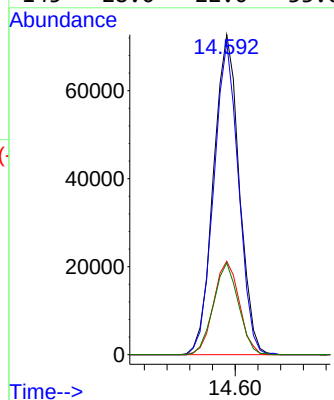


#69
1,3,5-Trichlorobenzene
Concen: 26.305 ug/L
RT: 14.592 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :

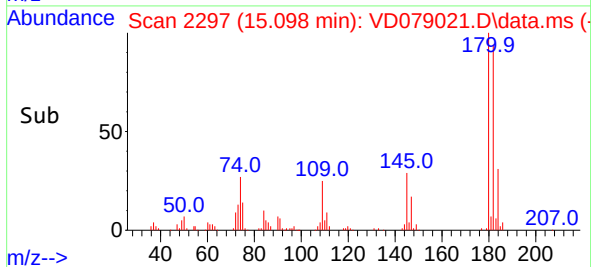
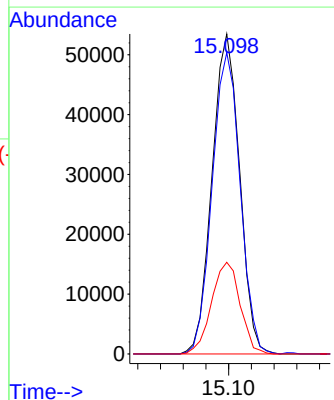
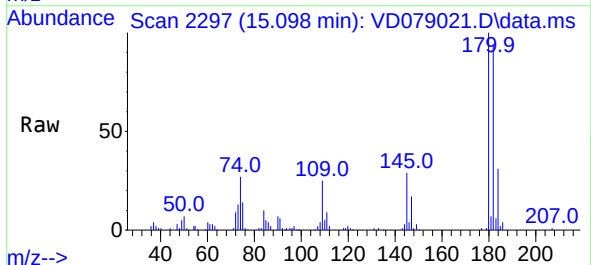


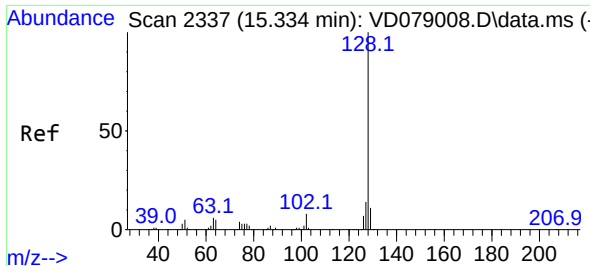
Tgt Ion:180 Resp: 114311
Ion Ratio Lower Upper
180 100
182 94.0 76.2 114.2
184 29.1 24.9 37.3
145 28.0 22.0 33.0



#70
1,2,4-trichlorobenzene
Concen: 24.440 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

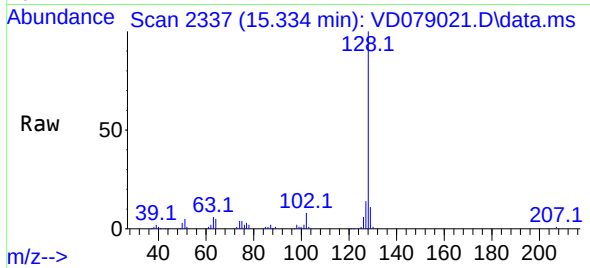
Tgt Ion:180 Resp: 89910
Ion Ratio Lower Upper
180 100
182 95.7 76.4 114.6
145 29.8 22.8 34.2



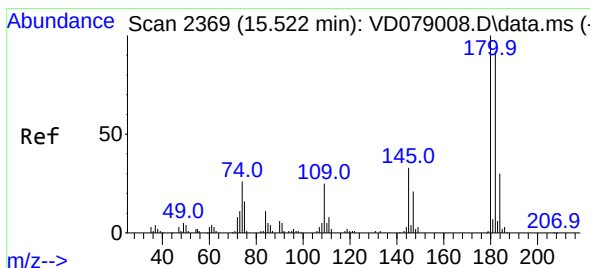
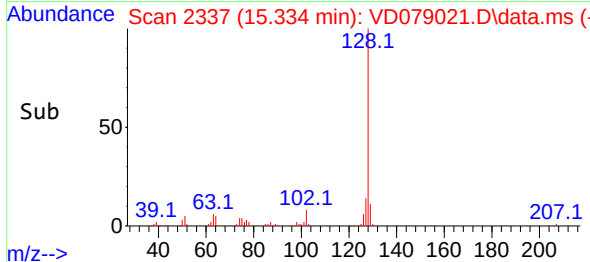
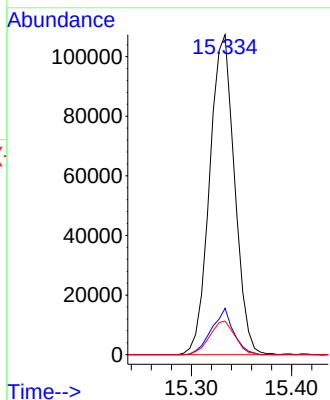


#71
Naphthalene
Concen: 24.686 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 185288
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 26.168 ug/L
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD079021.D
Acq: 24 May 2024 16:22

Tgt Ion:180 Resp: 89980
Ion Ratio Lower Upper
180 100
182 94.4 77.2 115.8
145 30.3 24.4 36.6

