

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052424\
 Data File : VD079008.D
 Acq On : 24 May 2024 09:25
 Operator : RP/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 24 23:24:27 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	185452	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	185452	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	97944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	134723	29.634	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.520%
7) Chloroethane-d5	2.805	69	133236	27.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.520%
11) 1,1-Dichloroethene-d2	3.917	65	23083	26.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.120%
21) 2-Butanone-d5	6.981	46	24141	37.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.040%
24) Chloroform-d	7.569	84	123015	22.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.120%
26) 1,2-Dichloroethane-d4	8.228	65	59916	22.853	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	8.199	84	249001	26.314	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.240%
36) 1,2-Dichloropropane-d6	9.210	67	68721	23.835	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.320%
41) Toluene-d8	10.269	98	234160	26.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.400%
43) trans-1,3-Dichloroprop...	10.522	79	32946	24.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.240%
47) 2-Hexanone-d5	10.875	63	22760	39.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.780%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	65123	19.856	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.440%
66) 1,2-Dichlorobenzene-d4	13.810	152	77745	23.386	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	77578	20.908	ug/L	98
3) Chloromethane	2.146	50	93518	20.540	ug/L	92
5) Vinyl chloride	2.281	62	157947	21.203	ug/L	96
6) Bromomethane	2.693	94	118390	22.224	ug/L	92
8) Chloroethane	2.840	64	130847	22.744	ug/L	96
9) Trichlorofluoromethane	3.175	101	132381	22.786	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	86931	23.605	ug/L	96
12) 1,1-Dichloroethene	3.940	96	70564	22.006	ug/L	92
13) Acetone	4.016	43	35317	45.434	ug/L	100
14) Carbon disulfide	4.275	76	171371	18.443	ug/L	96
15) Methyl Acetate	4.564	43	30470	24.126	ug/L	99
16) Methylene chloride	4.799	84	96853	22.048	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	80864	24.767	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	187999	27.026	ug/L #	81
19) 1,1-Dichloroethane	6.111	63	140421	25.606	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	96328	25.866	ug/L	87
22) 2-Butanone	7.081	43	44235	49.497	ug/L	97
23) Bromochloromethane	7.428	128	47607	25.583	ug/L #	90
25) Chloroform	7.599	83	168396	25.547	ug/L	94

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

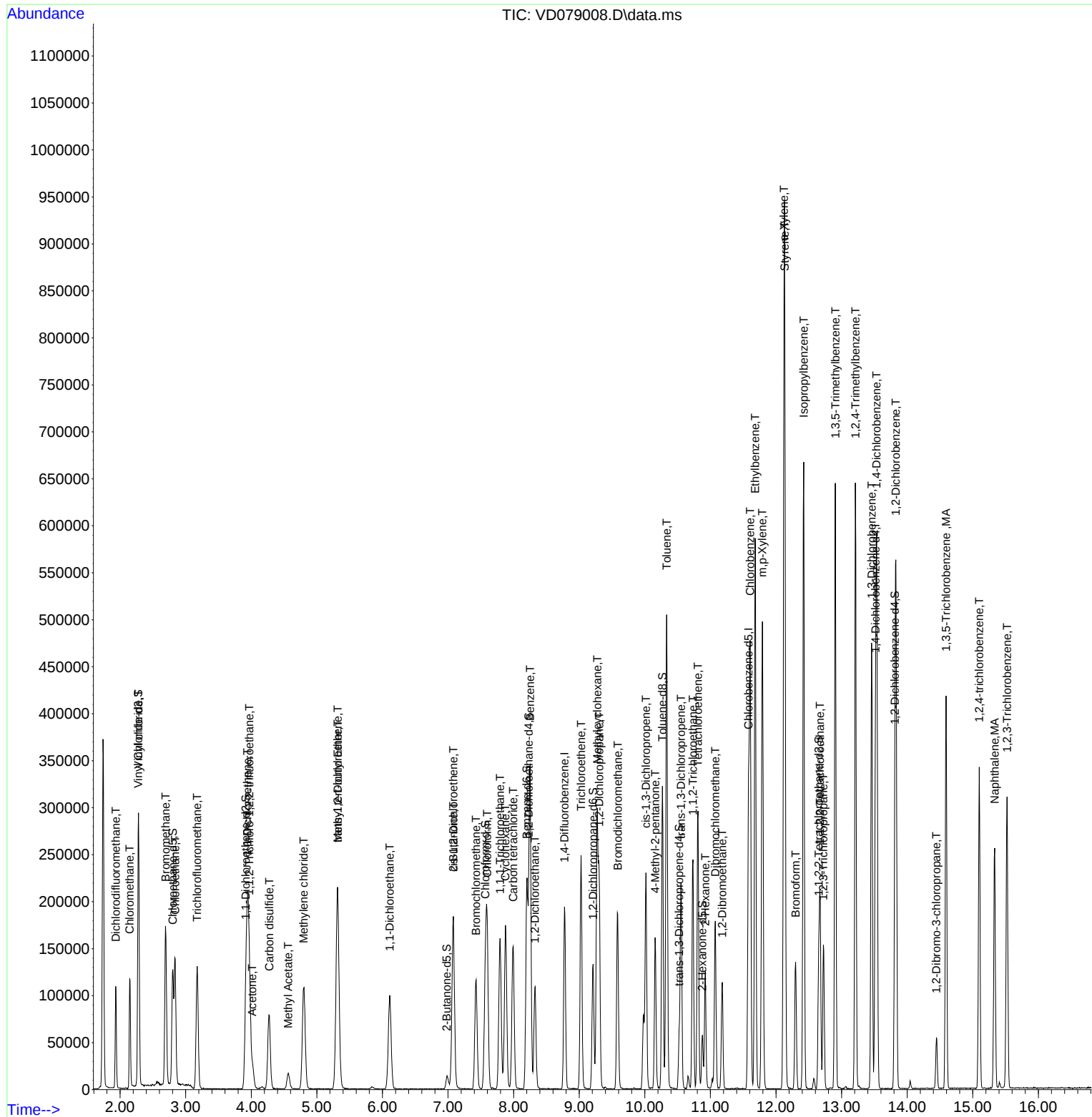
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	99889	26.164	ug/L	96
29) Cyclohexane	7.875	56	87766	24.624	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	135259	26.362	ug/L	99
31) Carbon tetrachloride	7.993	117	121216	25.658	ug/L	99
33) Benzene	8.252	78	348529	27.417	ug/L	100
34) Trichloroethene	9.028	95	84885	25.919	ug/L	93
35) Methylcyclohexane	9.275	83	126606	25.714	ug/L	99
37) 1,2-Dichloropropane	9.304	63	90962	28.236	ug/L	99
38) Bromodichloromethane	9.587	83	129464	28.419	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	142487	28.195	ug/L	88
40) 4-Methyl-2-pentanone	10.157	43	95721	58.824	ug/L	98
42) Toluene	10.334	91	398158	28.489	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	129810	29.054	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	81757	27.753	ug/L	88
46) Tetrachloroethene	10.810	164	70797	25.125	ug/L	98
48) 2-Hexanone	10.922	43	70673	56.025	ug/L	100
49) Dibromochloromethane	11.075	129	95584	26.689	ug/L	100
50) 1,2-Dibromoethane	11.181	107	74419	26.743	ug/L #	99
51) Chlorobenzene	11.604	112	267960	27.139	ug/L	100
52) Ethylbenzene	11.681	91	428263	28.392	ug/L	98
53) m,p-Xylene	11.793	106	170051	28.180	ug/L	100
54) o-Xylene	12.122	106	171860	29.241	ug/L	99
55) Styrene	12.134	104	313260	30.162	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.669	83	98634	27.606	ug/L	95
59) Bromoform	12.298	173	61481	27.735	ug/L	99
60) Isopropylbenzene	12.422	105	443549	30.632	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	63604	28.330	ug/L	96
62) 1,3,5-Trimethylbenzene	12.904	105	337919	31.571	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	340960	31.350	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	213297	30.330	ug/L	98
65) 1,4-Dichlorobenzene	13.534	146	224828	29.653	ug/L	96
67) 1,2-Dichlorobenzene	13.828	146	193907	29.133	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	13215	28.257	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	134322	29.409	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	114110	29.512	ug/L	98
71) Naphthalene	15.334	128	235951	29.909	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	107995	29.882	ug/L	99

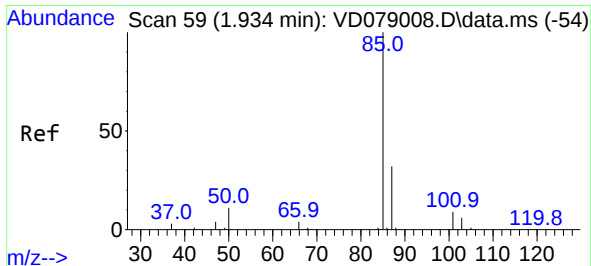
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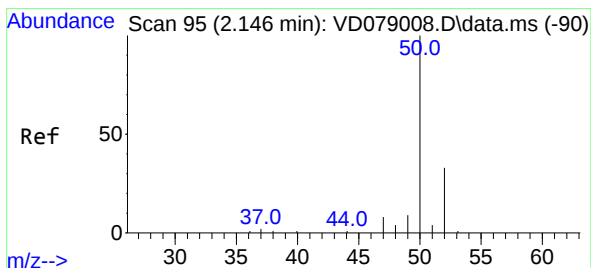
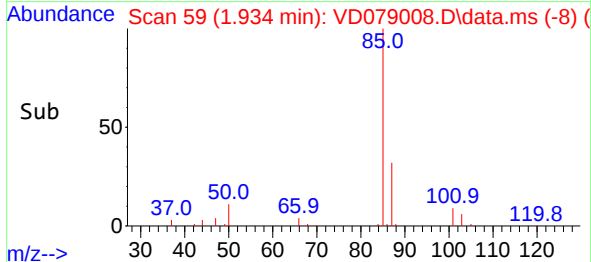
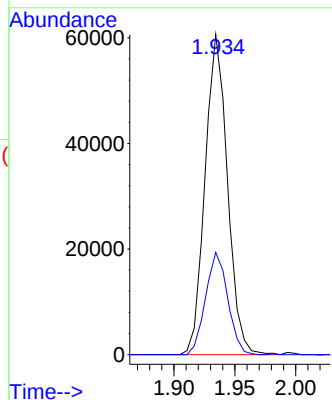
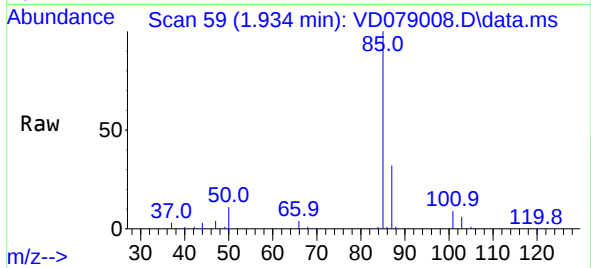




#2
 Dichlorodifluoromethane
 Concen: 20.908 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079008.D
 Acq: 24 May 2024 09:25

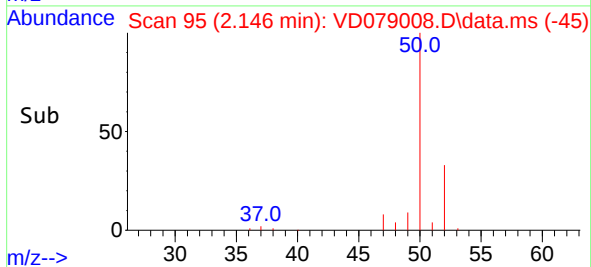
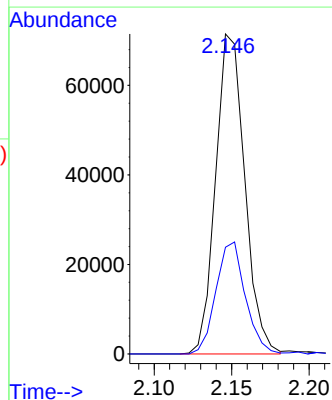
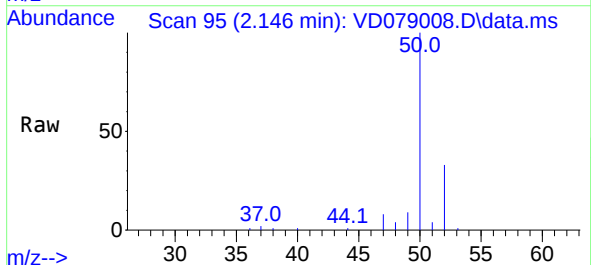
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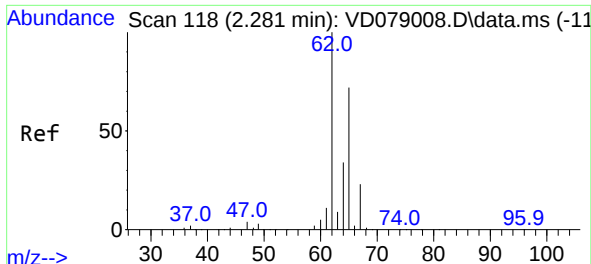
Tgt Ion: 85 Resp: 77578
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.3 39.5



#3
 Chloromethane
 Concen: 20.540 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD079008.D
 Acq: 24 May 2024 09:25

Tgt Ion: 50 Resp: 93518
 Ion Ratio Lower Upper
 50 100
 52 33.4 26.5 49.3

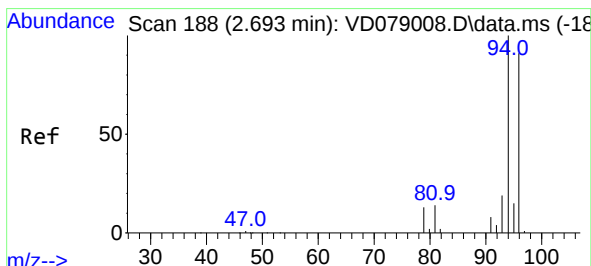
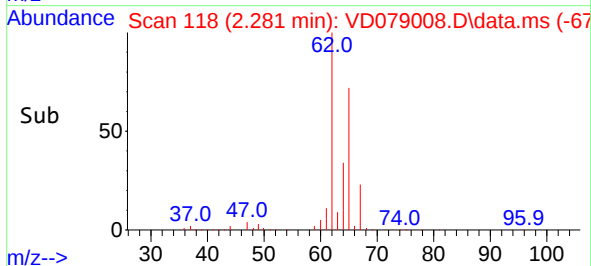
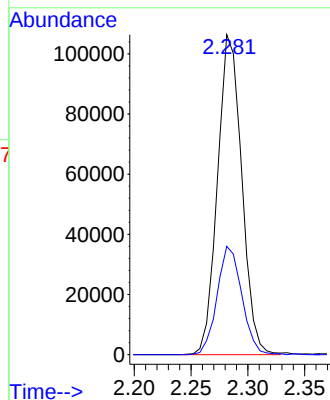
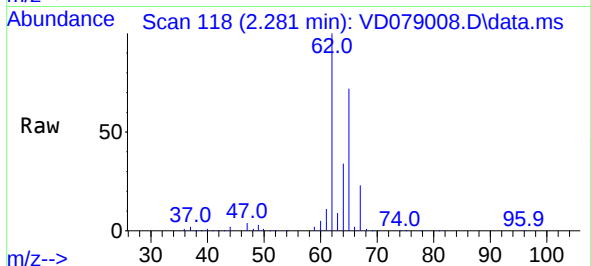




#5
 Vinyl chloride
 Concen: 21.203 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079008.D
 Acq: 24 May 2024 09:25

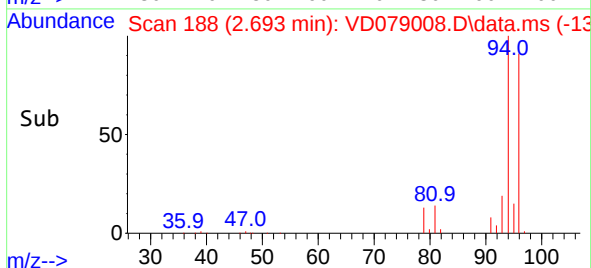
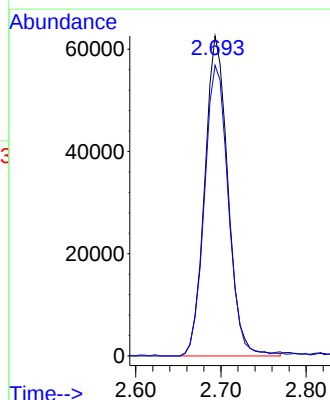
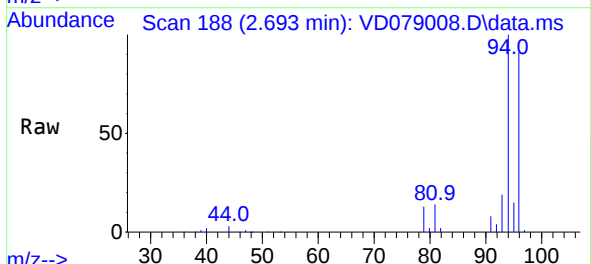
Instrument :
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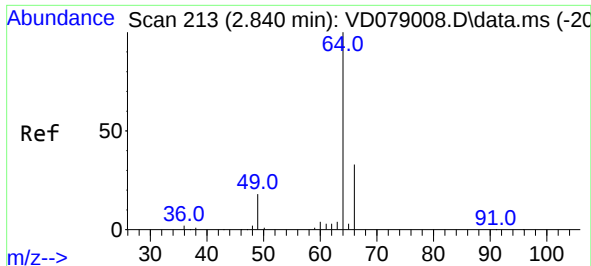
Tgt Ion: 62 Resp: 157947
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.3 41.3



#6
 Bromomethane
 Concen: 22.224 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079008.D
 Acq: 24 May 2024 09:25

Tgt Ion: 94 Resp: 118390
 Ion Ratio Lower Upper
 94 100
 96 90.8 69.0 128.1

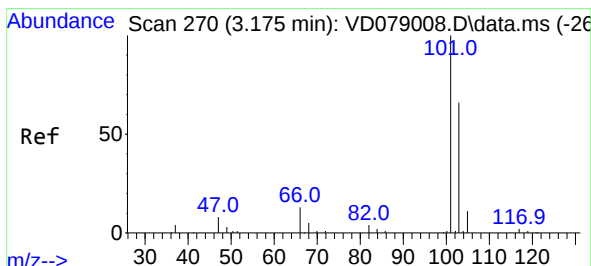
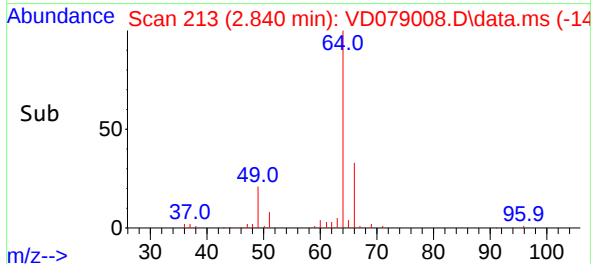
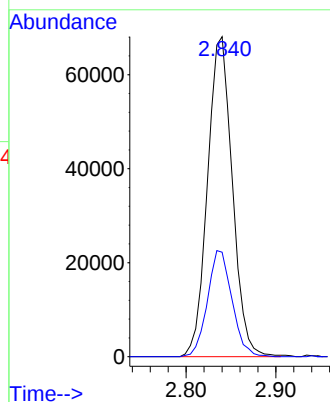
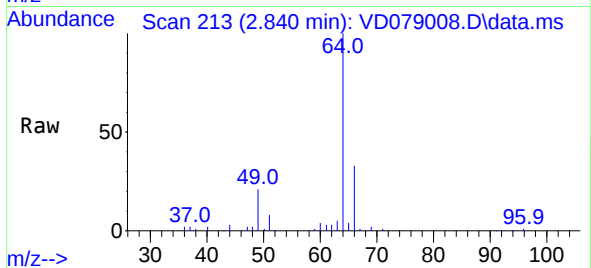




#8
Chloroethane
Concen: 22.744 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

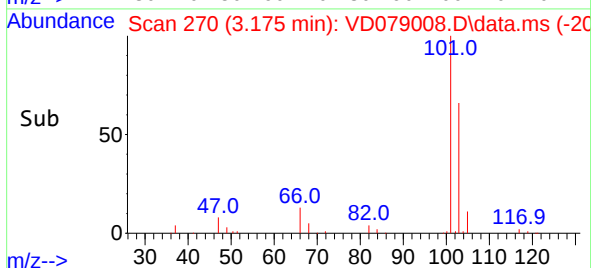
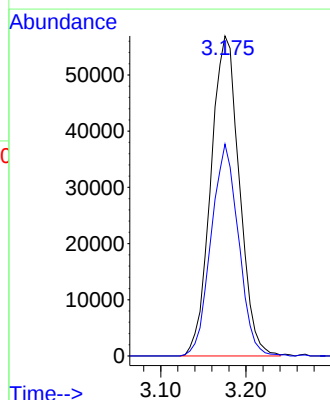
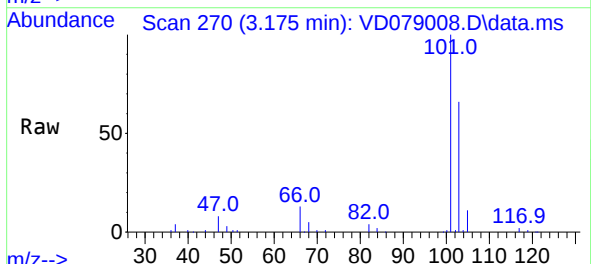
Instrument :
MSVOA_D
ClientSampleId :

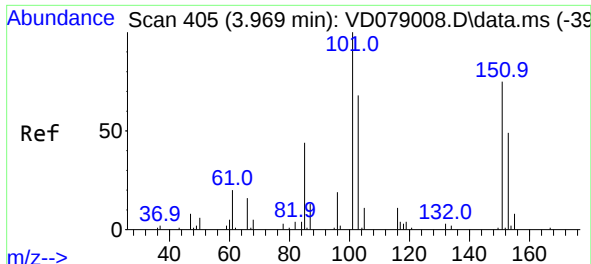
Tgt Ion: 64 Resp: 130847
Ion Ratio Lower Upper
64 100
66 32.6 21.5 39.9



#9
Trichlorofluoromethane
Concen: 22.786 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:101 Resp: 132381
Ion Ratio Lower Upper
101 100
103 63.5 51.9 77.9

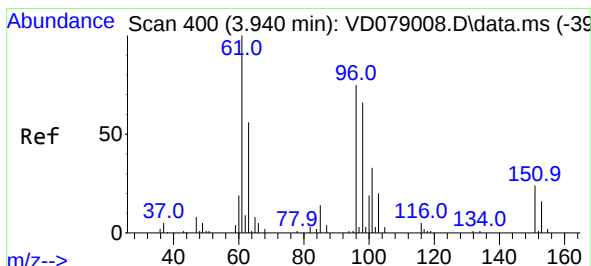
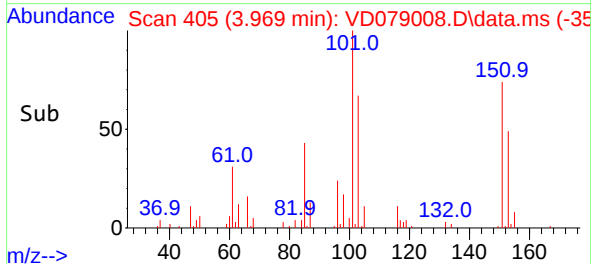
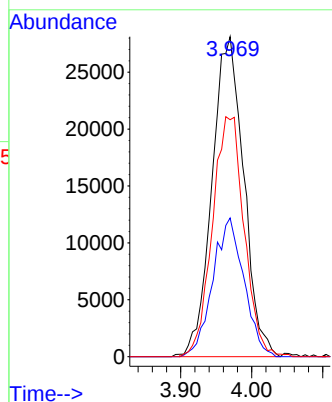
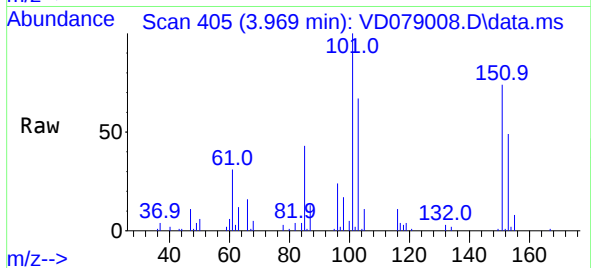




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.605 ug/L
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

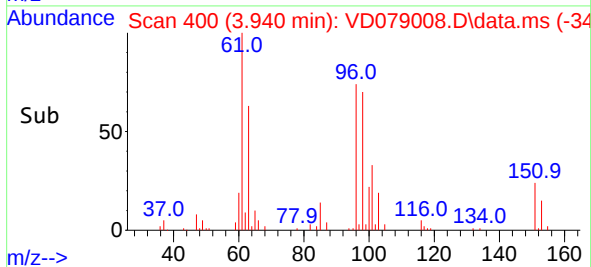
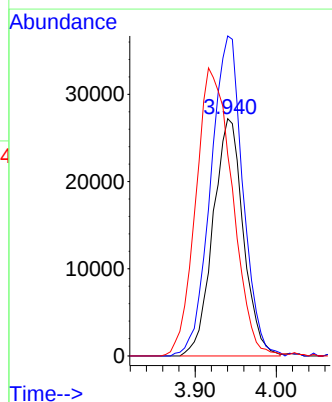
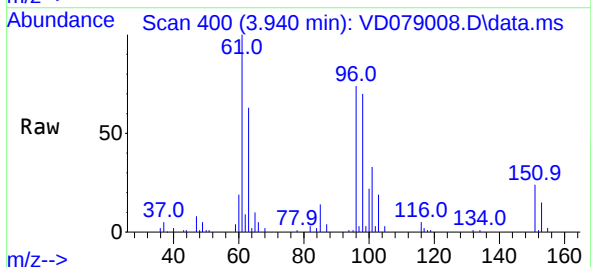
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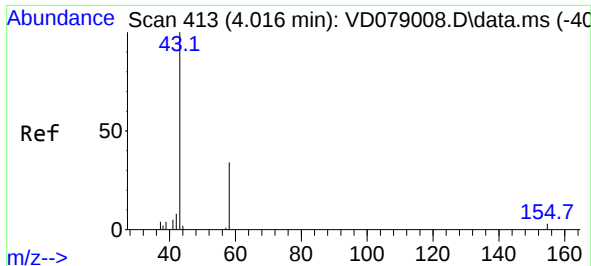
Tgt Ion:101 Resp: 86931
Ion Ratio Lower Upper
101 100
85 42.7 36.2 54.2
151 75.0 62.9 94.3



#12
1,1-Dichloroethene
Concen: 22.006 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 96 Resp: 70564
Ion Ratio Lower Upper
96 100
61 134.9 98.6 183.0
63 84.9 68.3 126.8

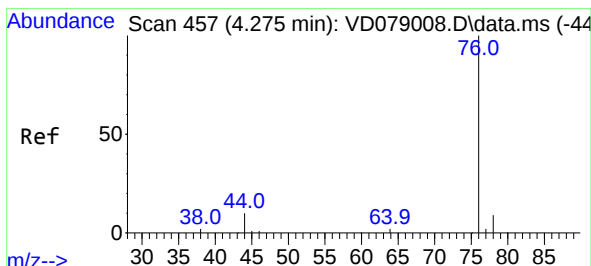
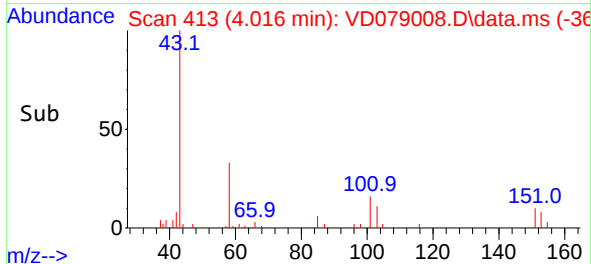
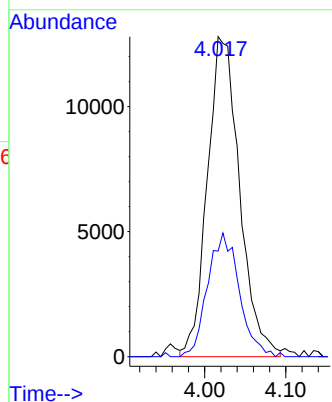
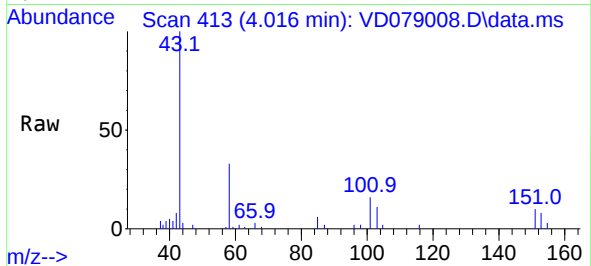




#13
Acetone
Concen: 45.434 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

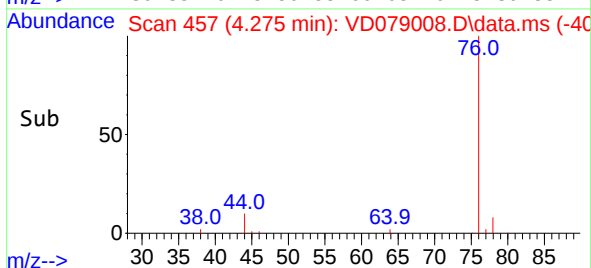
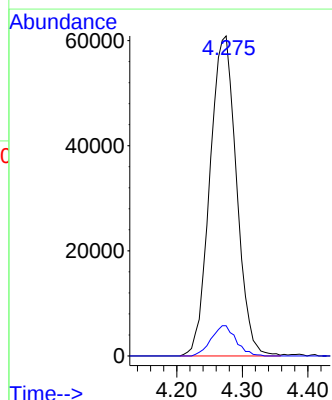
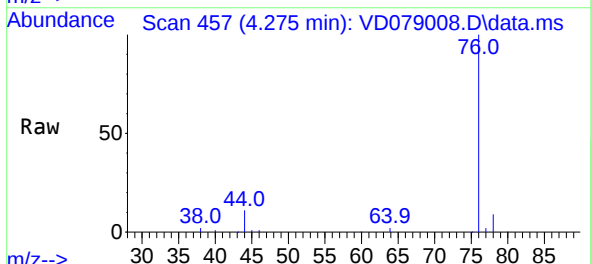
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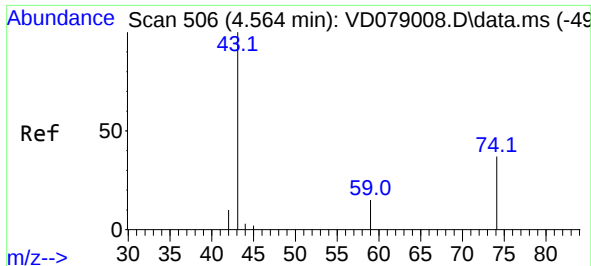
Tgt Ion: 43 Resp: 35317
Ion Ratio Lower Upper
43 100
58 37.8 0.0 75.0



#14
Carbon disulfide
Concen: 18.443 ug/L
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 171371
Ion Ratio Lower Upper
76 100
78 9.5 6.5 9.7

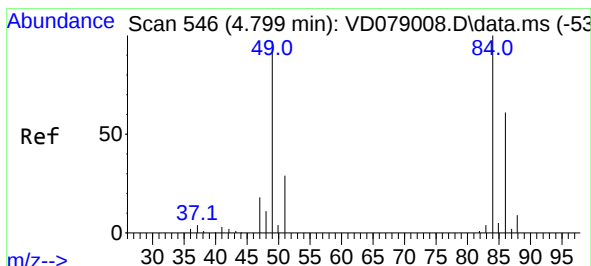
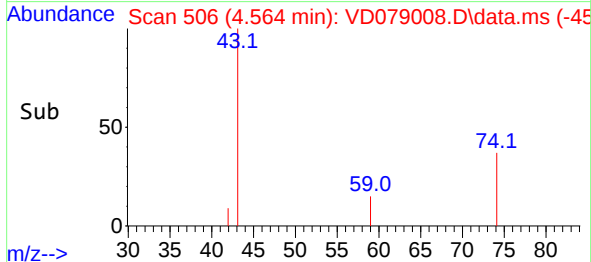
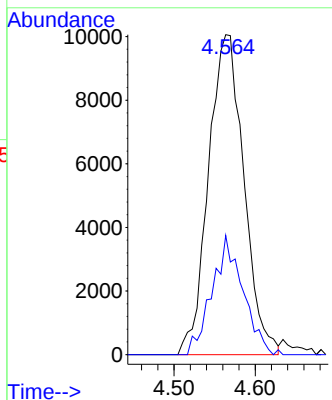
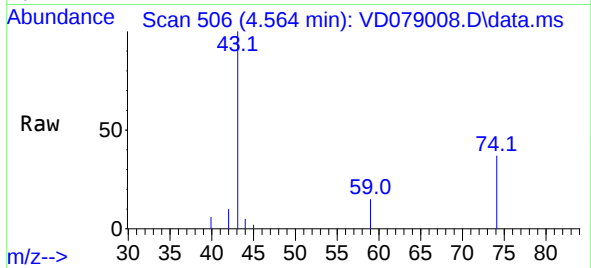




#15
Methyl Acetate
Concen: 24.126 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

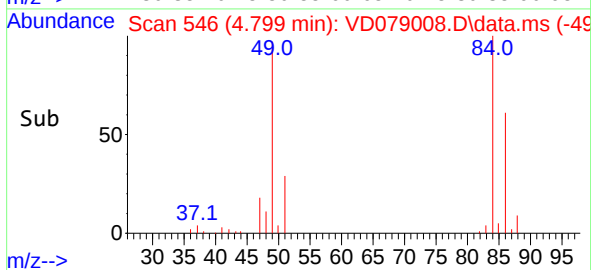
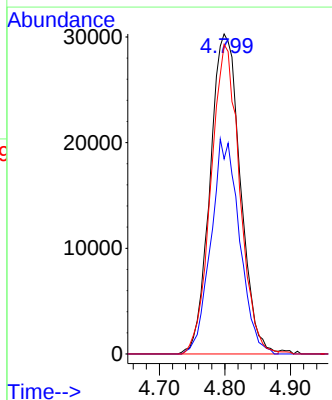
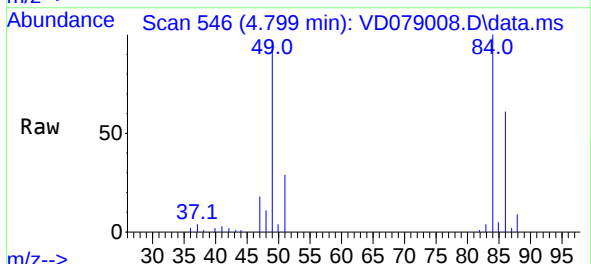
Instrument :
MSVOA_D
ClientSampleId :

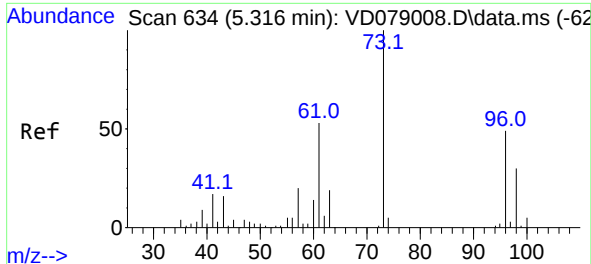
Tgt Ion: 43 Resp: 30470
Ion Ratio Lower Upper
43 100
74 31.1 25.1 37.7



#16
Methylene chloride
Concen: 22.048 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

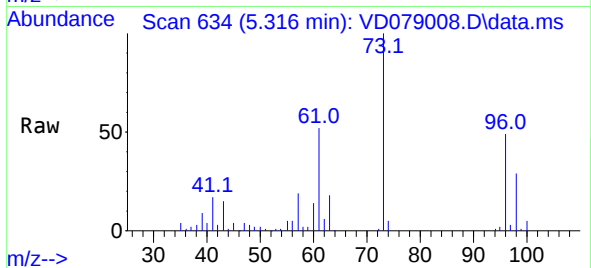
Tgt Ion: 84 Resp: 96853
Ion Ratio Lower Upper
84 100
86 61.0 43.7 81.1
49 96.7 64.0 119.0



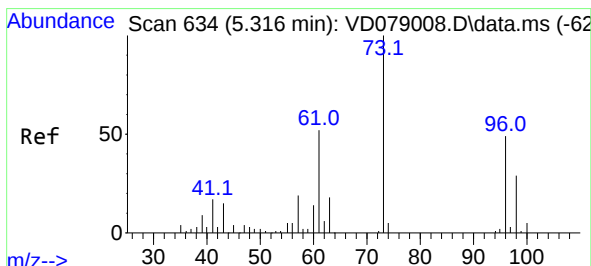
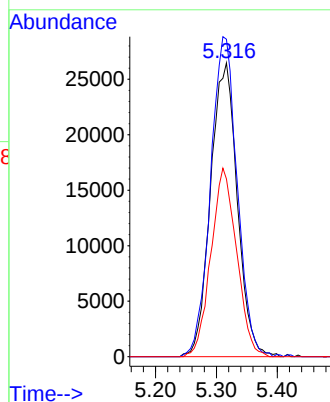
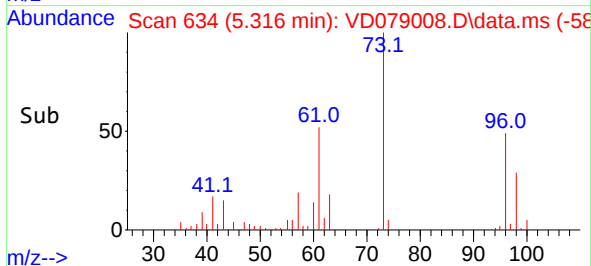


#17
trans-1,2-Dichloroethene
Concen: 24.767 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

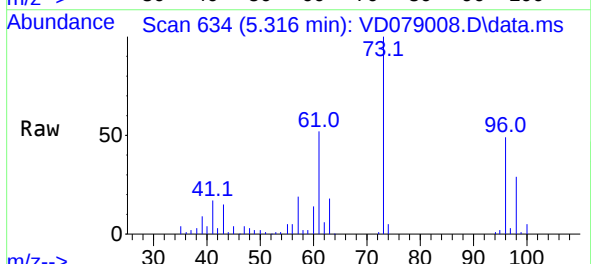
Instrument :
MSVOA_D
ClientSampleId :



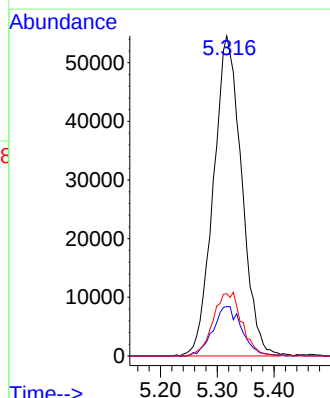
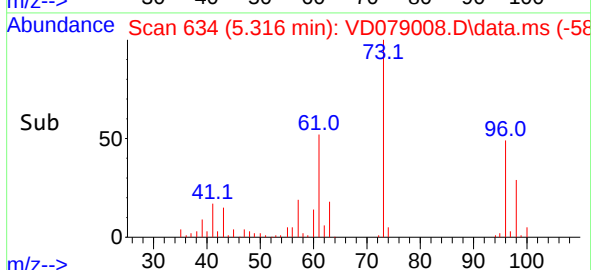
Tgt Ion: 96 Resp: 80864
Ion Ratio Lower Upper
96 100
61 108.1 75.5 140.1
98 60.5 39.1 72.7

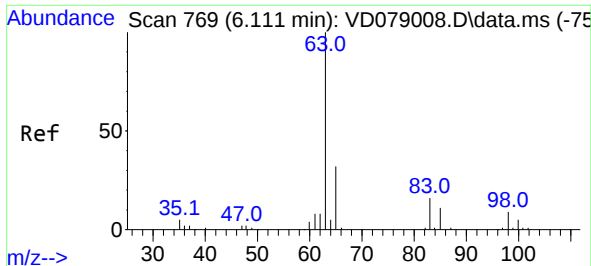


#18
Methyl tert-butyl Ether
Concen: 27.026 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25



Tgt Ion: 73 Resp: 187999
Ion Ratio Lower Upper
73 100
43 15.9 6.7 10.1#
57 12.5 16.8 25.2#

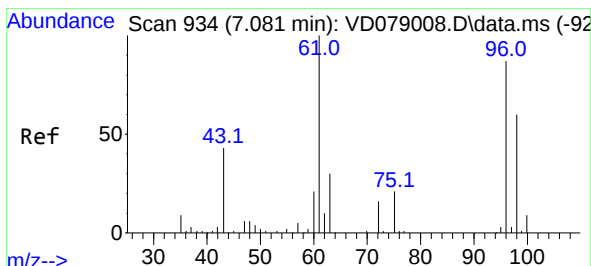
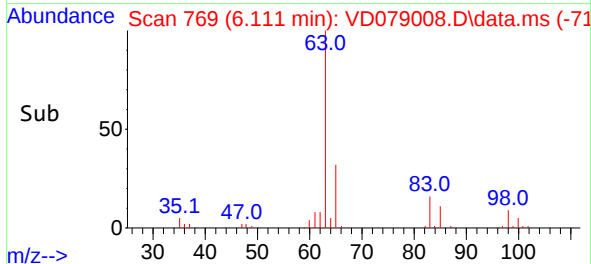
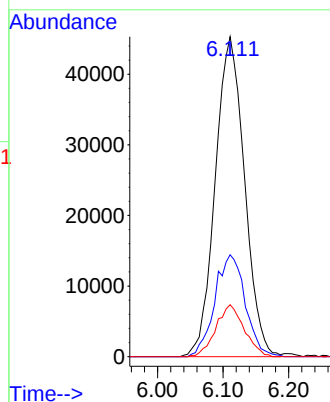
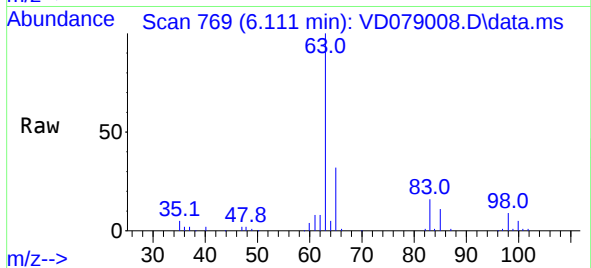




#19
1,1-Dichloroethane
Concen: 25.606 ug/L
RT: 6.111 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

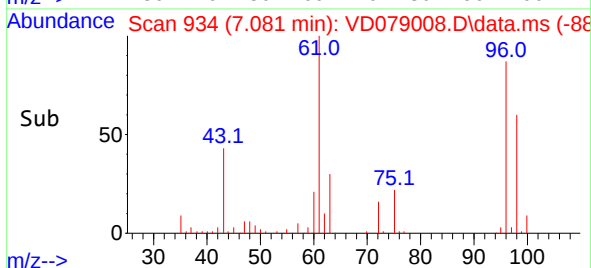
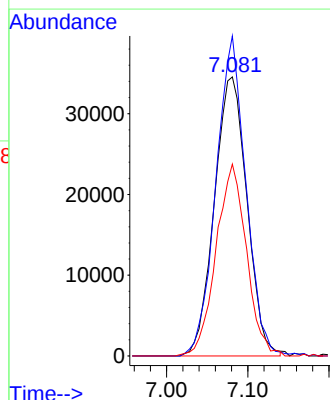
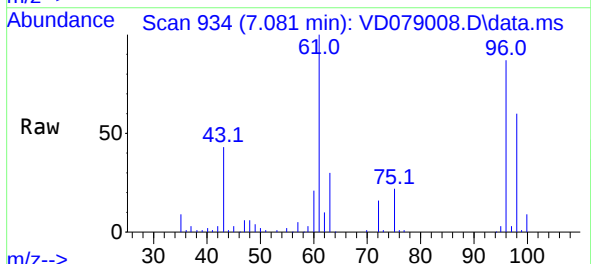
Instrument :
MSVOA_D
ClientSampleId :

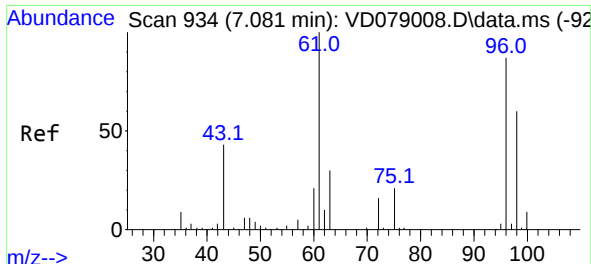
Tgt Ion: 63 Resp: 140421
Ion Ratio Lower Upper
63 100
65 31.9 23.5 43.7
83 16.3 10.4 19.2



#20
cis-1,2-Dichloroethene
Concen: 25.866 ug/L
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 96 Resp: 96328
Ion Ratio Lower Upper
96 100
61 114.7 71.6 133.0
98 68.7 40.1 74.5

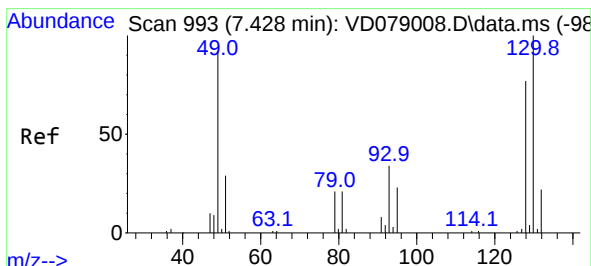
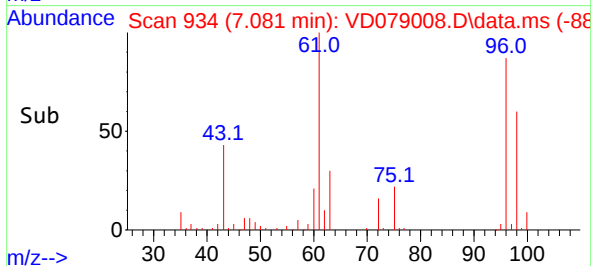
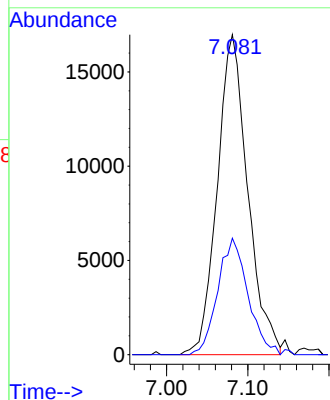
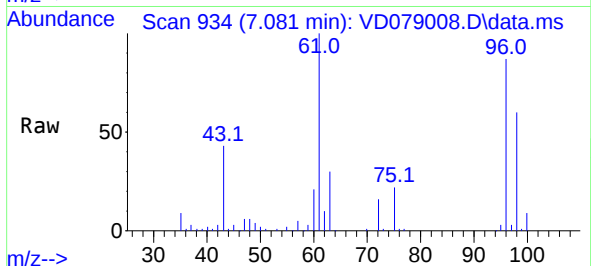




#22
2-Butanone
Concen: 49.497 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

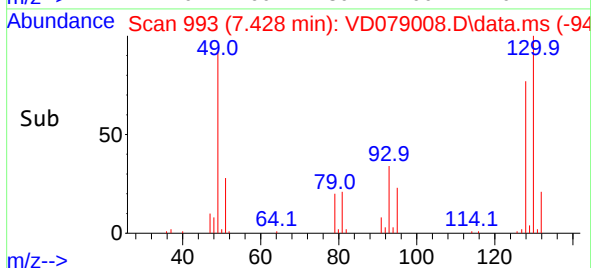
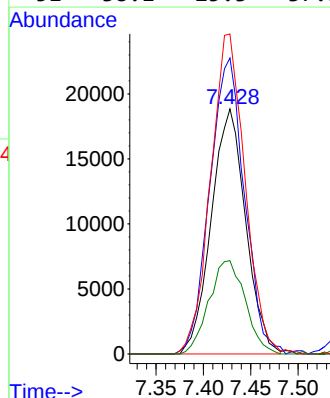
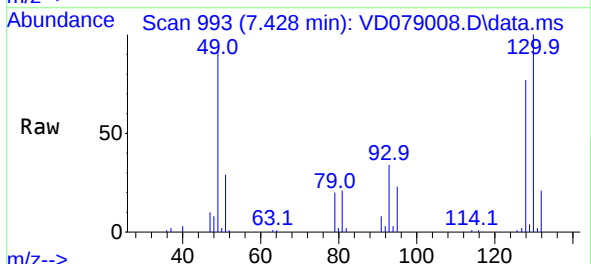
Instrument :
MSVOA_D
ClientSampleId :

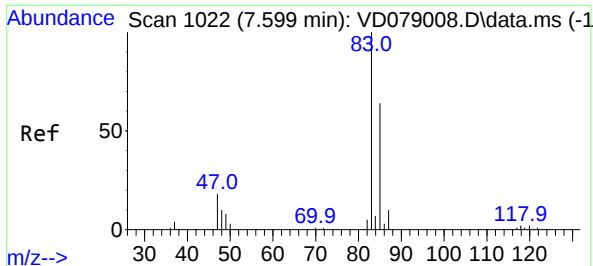
Tgt Ion: 43 Resp: 44235
Ion Ratio Lower Upper
43 100
72 36.1 17.1 51.2



#23
Bromochloromethane
Concen: 25.583 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:128 Resp: 47607
Ion Ratio Lower Upper
128 100
49 120.9 77.3 143.5
130 130.7 83.4 154.8
51 38.1 25.3 37.9#

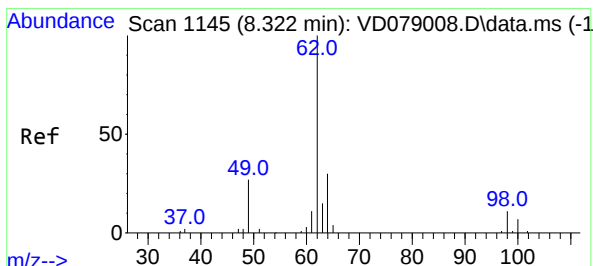
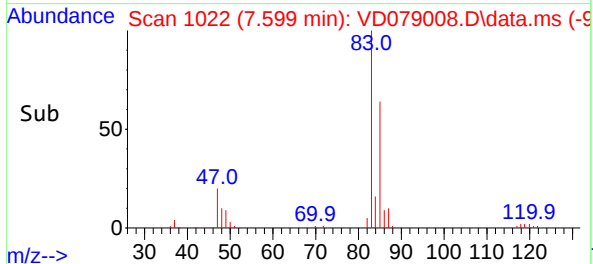
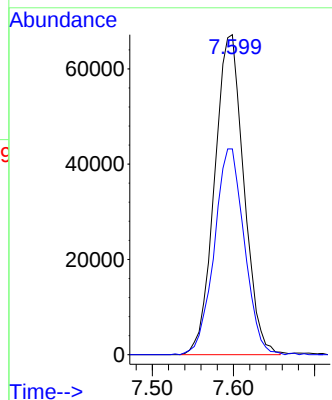
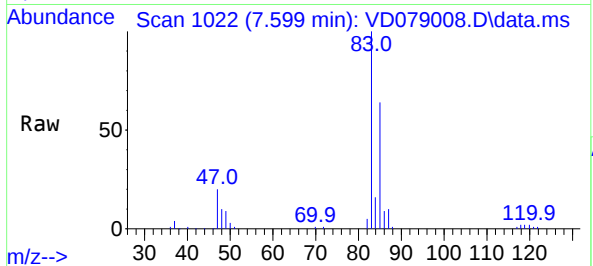




#25
Chloroform
Concen: 25.547 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

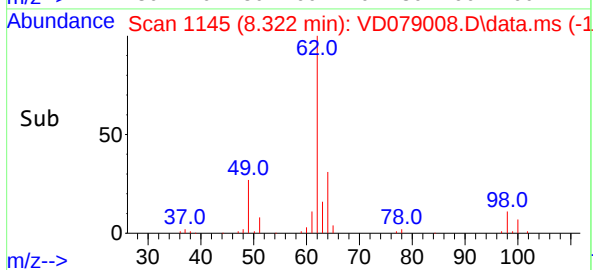
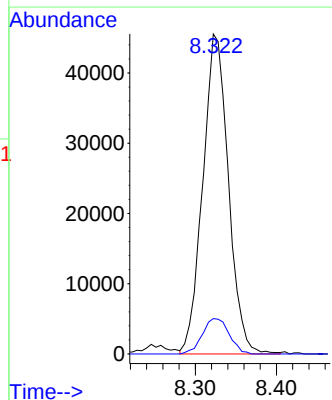
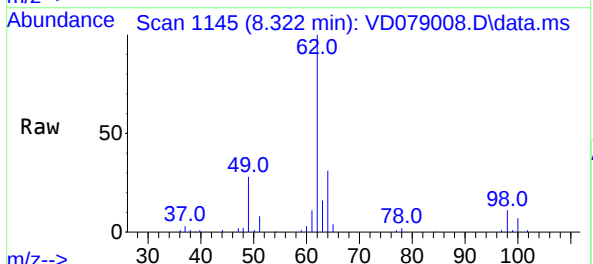
Instrument :
MSVOA_D
ClientSampleId :

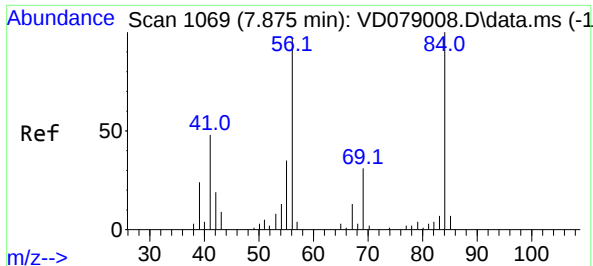
Tgt Ion: 83 Resp: 168396
Ion Ratio Lower Upper
83 100
85 64.3 41.8 77.6



#27
1,2-Dichloroethane
Concen: 26.164 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

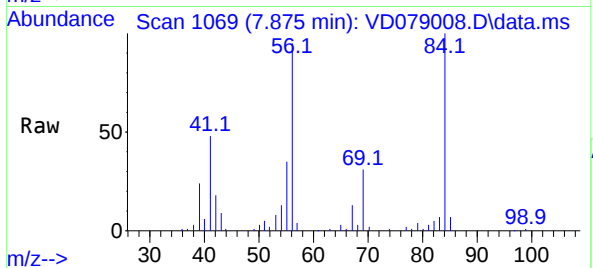
Tgt Ion: 62 Resp: 99889
Ion Ratio Lower Upper
62 100
98 11.0 10.2 15.4



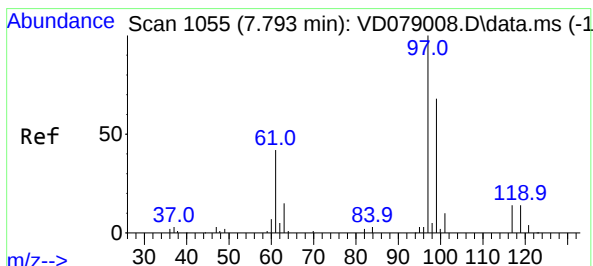
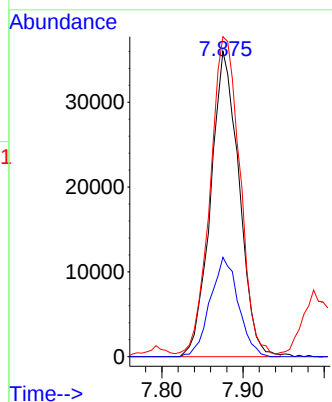
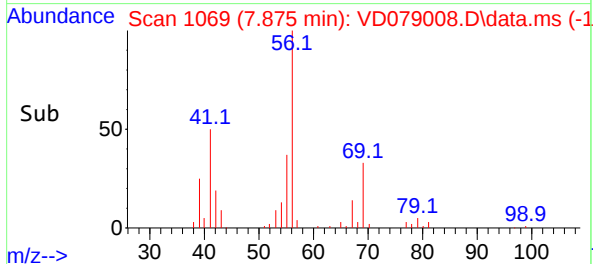


#29
Cyclohexane
Concen: 24.624 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

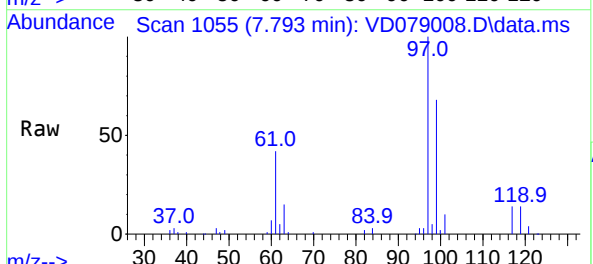
Instrument :
MSVOA_D
ClientSampleId :



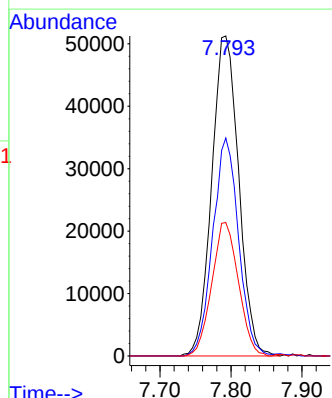
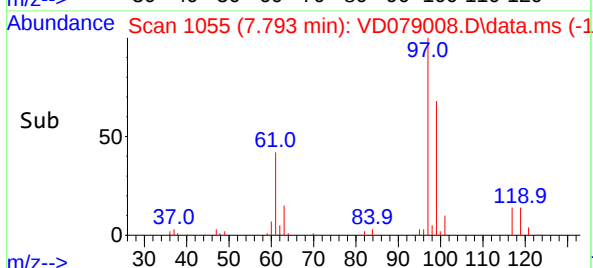
Tgt Ion: 56 Resp: 87766
Ion Ratio Lower Upper
56 100
69 32.2 25.2 37.8
84 110.2 83.4 125.2

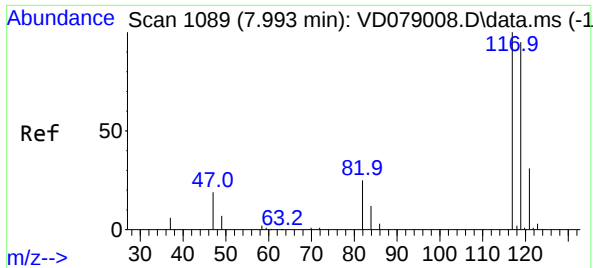


#30
1,1,1-Trichloroethane
Concen: 26.362 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25



Tgt Ion: 97 Resp: 135259
Ion Ratio Lower Upper
97 100
99 65.1 52.6 78.8
61 41.1 32.6 48.8

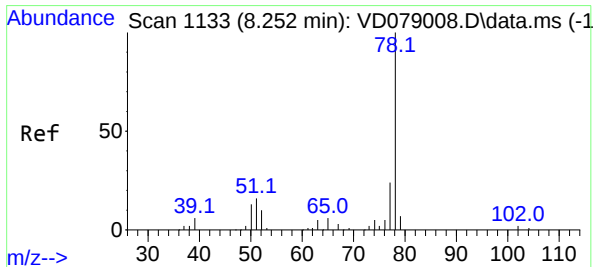
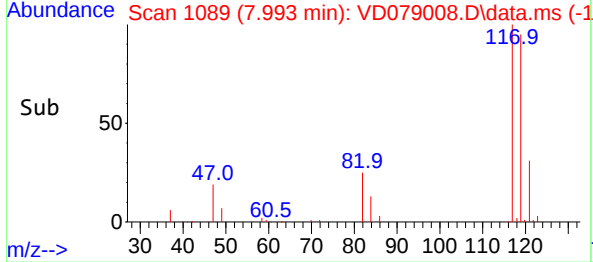
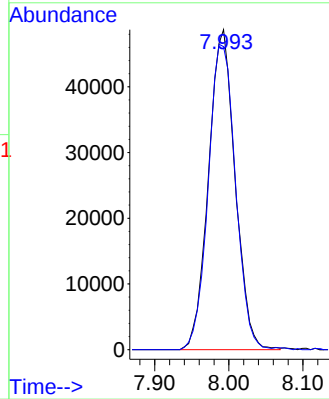
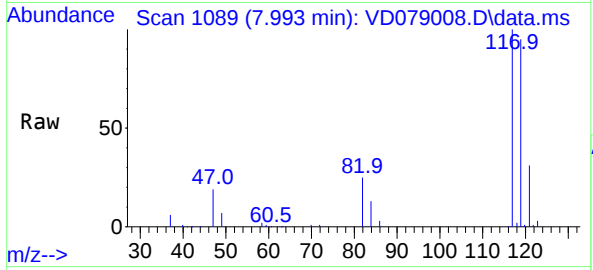




#31
Carbon tetrachloride
Concen: 25.658 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

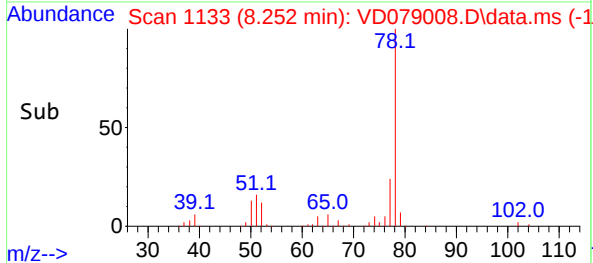
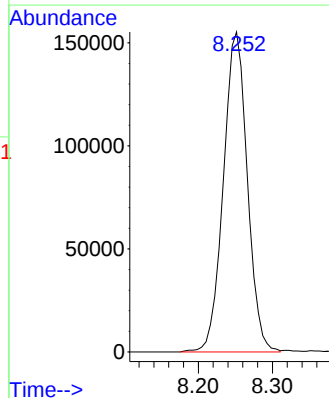
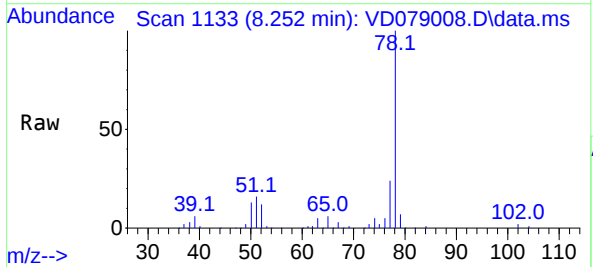
Instrument :
MSVOA_D
ClientSampleId :

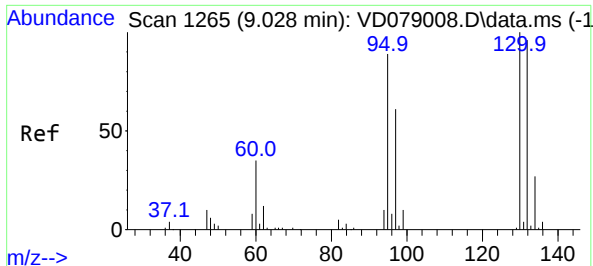
Tgt Ion:117 Resp: 121216
Ion Ratio Lower Upper
117 100
119 97.9 77.7 116.5



#33
Benzene
Concen: 27.417 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

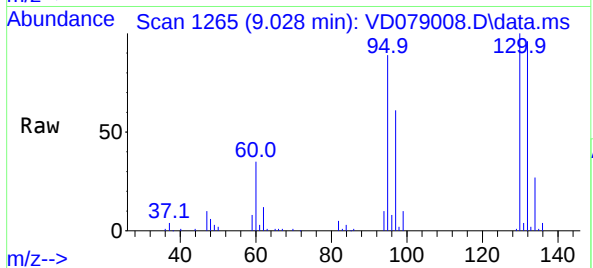
Tgt Ion: 78 Resp: 348529





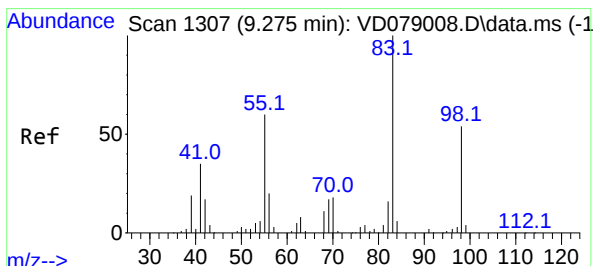
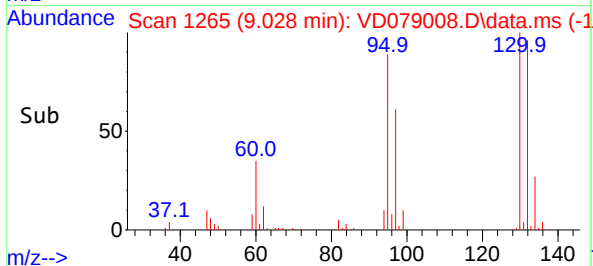
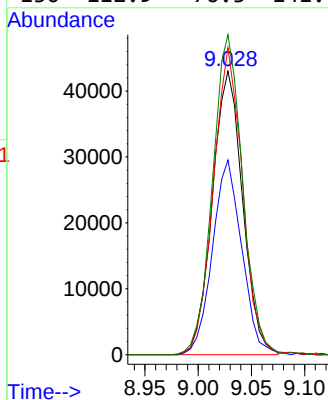
#34
Trichloroethene
Concen: 25.919 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 84885

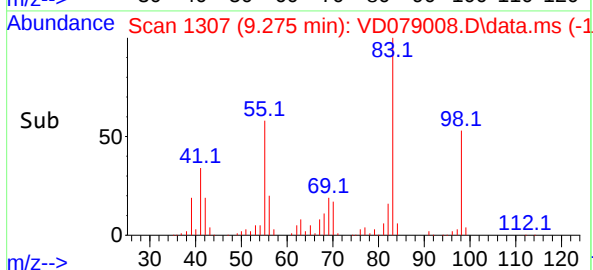
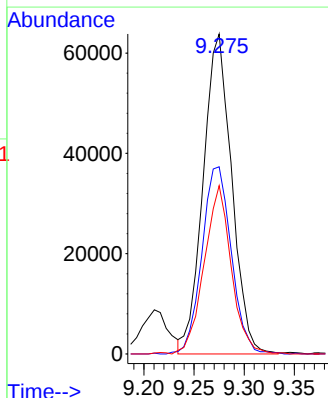
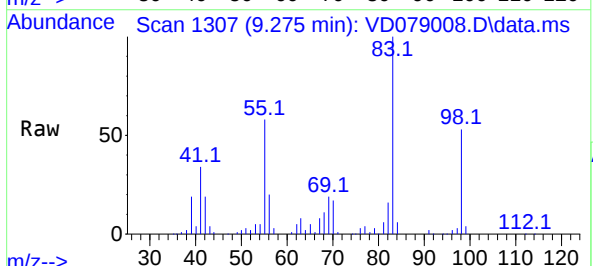
Ion	Ratio	Lower	Upper
95	100		
97	68.7	42.6	79.2
132	108.3	69.5	129.1
130	112.9	76.3	141.7

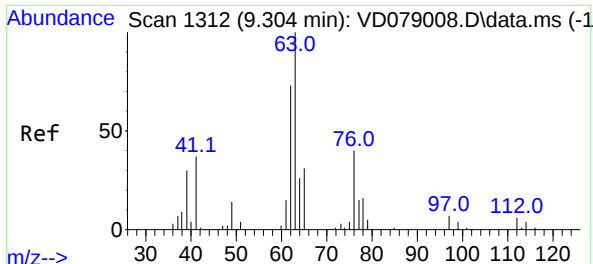


#35
Methylcyclohexane
Concen: 25.714 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 83 Resp: 126606

Ion	Ratio	Lower	Upper
83	100		
55	60.1	49.0	73.6
98	49.7	40.1	60.1

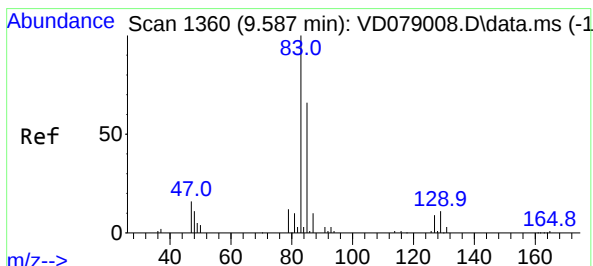
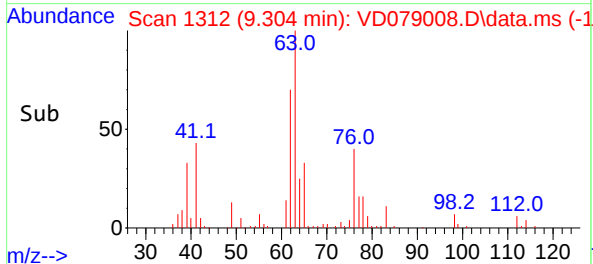
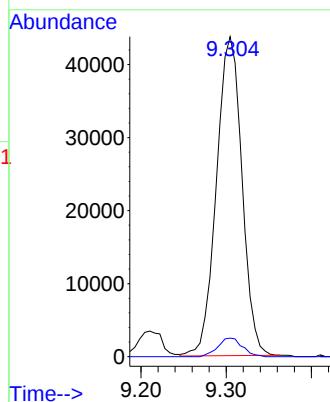
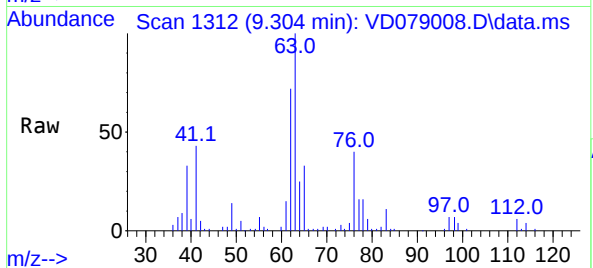




#37
1,2-Dichloropropane
Concen: 28.236 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

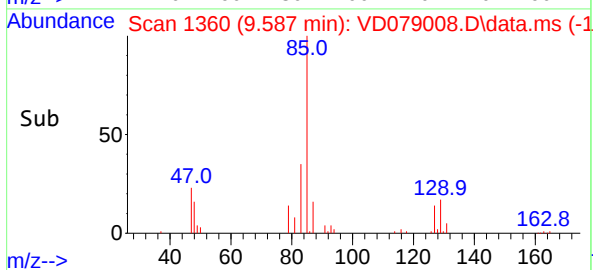
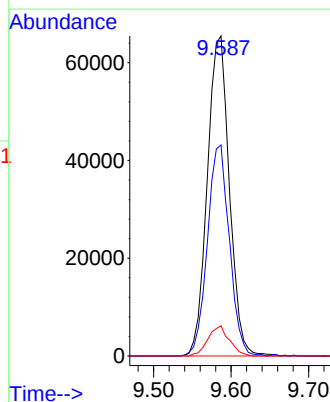
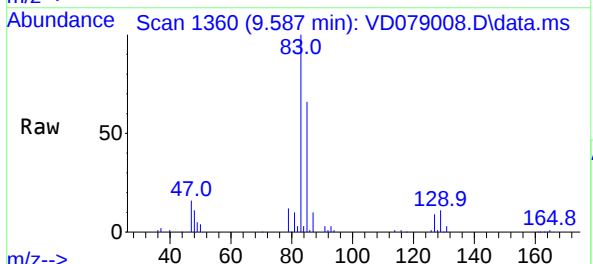
Instrument :
MSVOA_D
ClientSampleId :

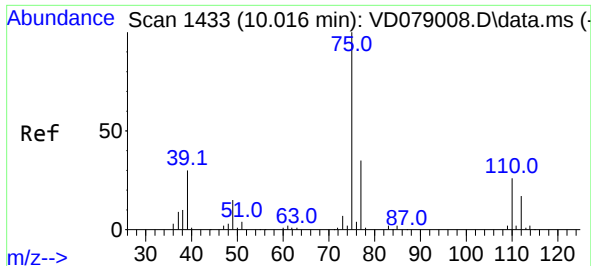
Tgt Ion: 63 Resp: 90962
Ion Ratio Lower Upper
63 100
112 5.6 4.1 6.1



#38
Bromodichloromethane
Concen: 28.419 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 83 Resp: 129464
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.4
127 9.5 7.6 11.4





#39

cis-1,3-Dichloropropene

Concen: 28.195 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD079008.D

Acq: 24 May 2024 09:25

Instrument :

MSVOA_D

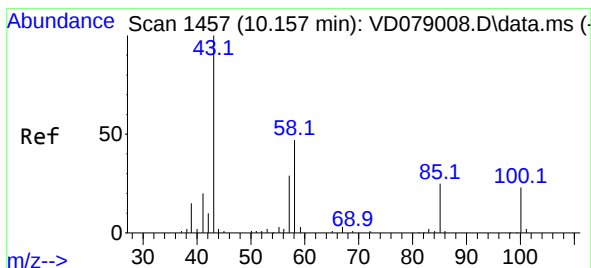
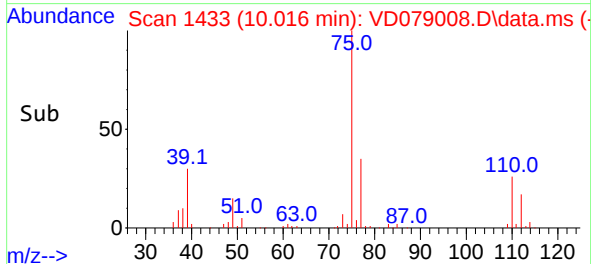
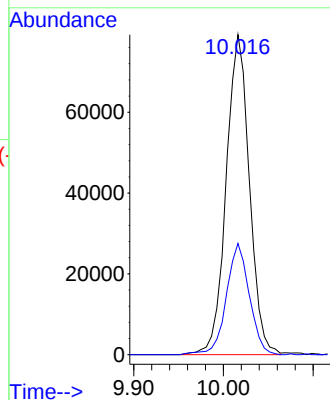
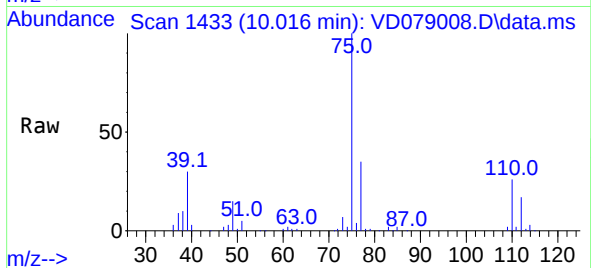
ClientSampleId :

Tgt Ion: 75 Resp: 142487

Ion Ratio Lower Upper

75 100

77 34.7 20.0 37.2



#40

4-Methyl-2-pentanone

Concen: 58.824 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD079008.D

Acq: 24 May 2024 09:25

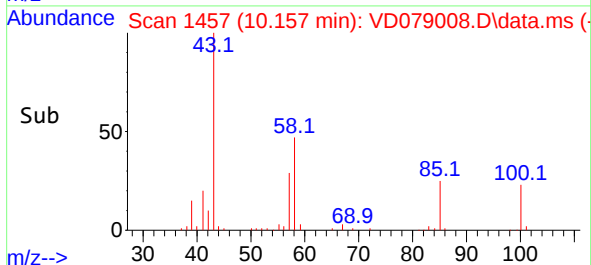
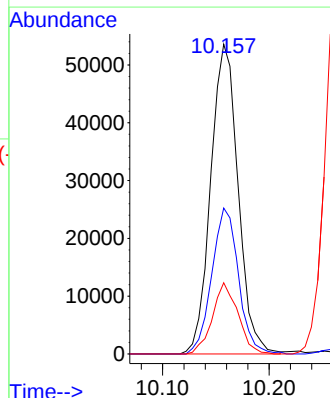
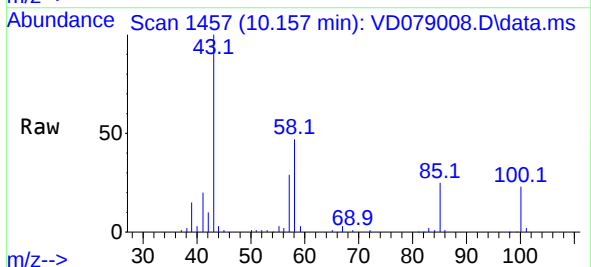
Tgt Ion: 43 Resp: 95721

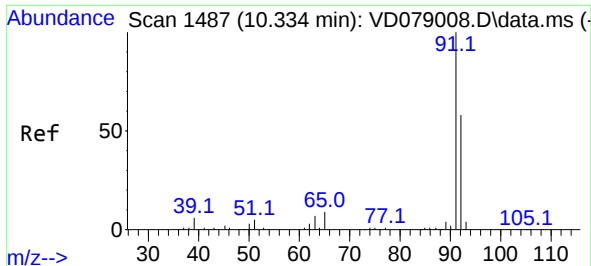
Ion Ratio Lower Upper

43 100

58 45.9 38.0 57.0

100 21.4 17.3 25.9

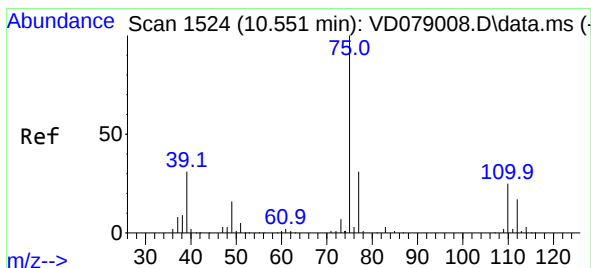
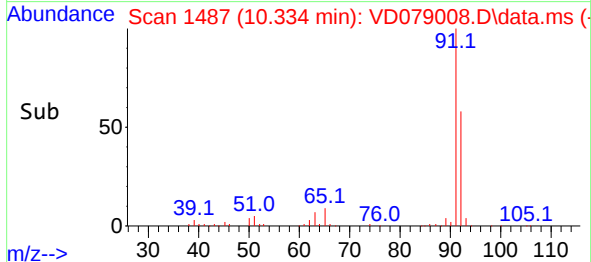
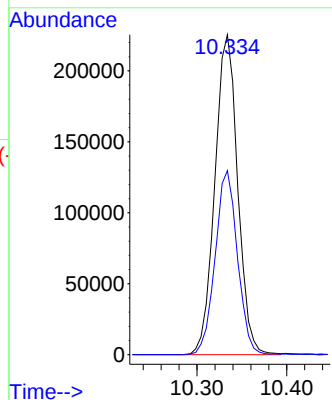
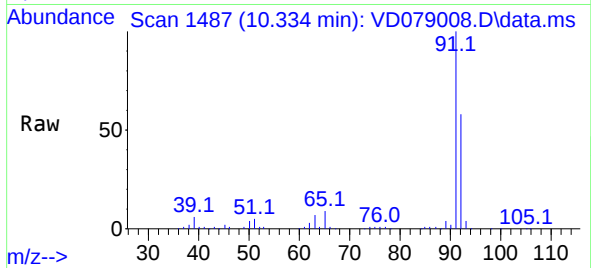




#42
Toluene
Concen: 28.489 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

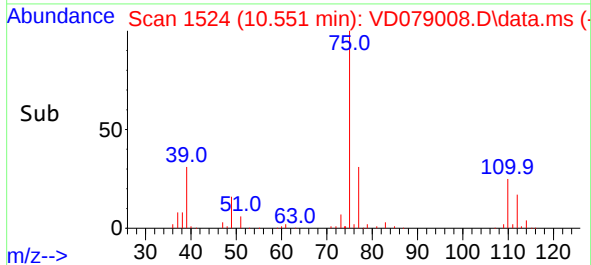
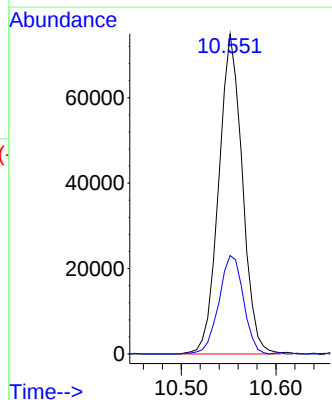
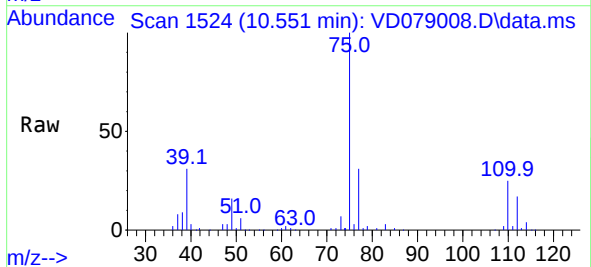
Instrument :
MSVOA_D
ClientSampleId :

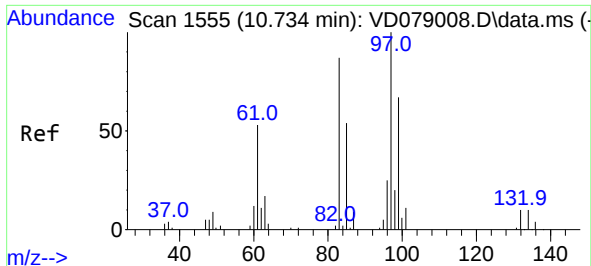
Tgt Ion: 91 Resp: 398158
Ion Ratio Lower Upper
91 100
92 57.5 39.5 73.4



#44
trans-1,3-Dichloropropene
Concen: 29.054 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 75 Resp: 129810
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4

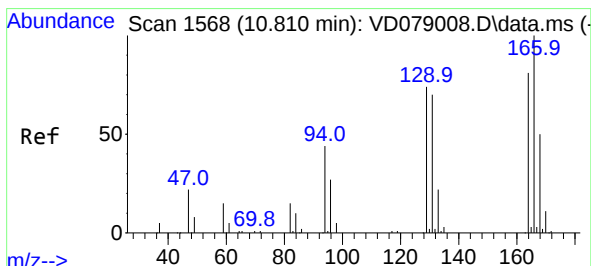
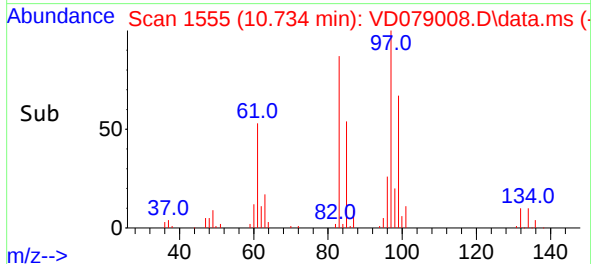
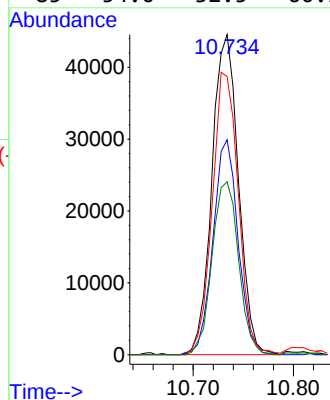
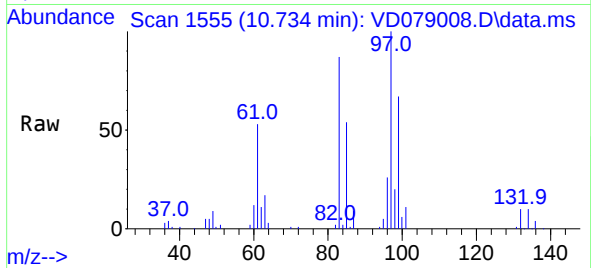




#45
1,1,2-Trichloroethane
Concen: 27.753 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

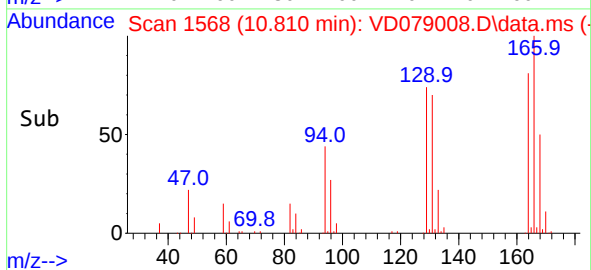
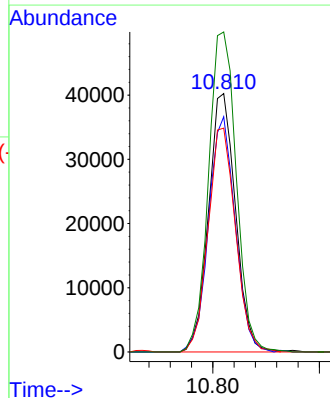
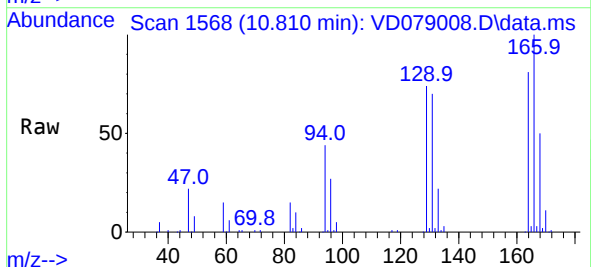
Instrument :
MSVOA_D
ClientSampleId :

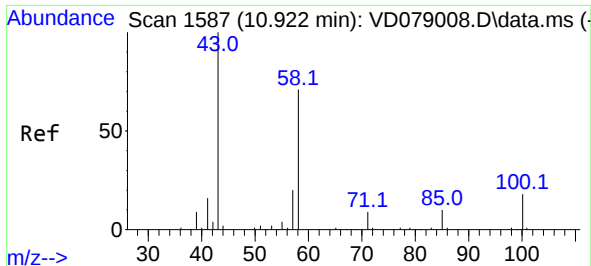
Tgt Ion:	97	Resp:	81757
Ion	Ratio	Lower	Upper
97	100		
99	67.2	39.1	72.7
83	86.9	54.6	101.4
85	54.0	32.5	60.3



#46
Tetrachloroethene
Concen: 25.125 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

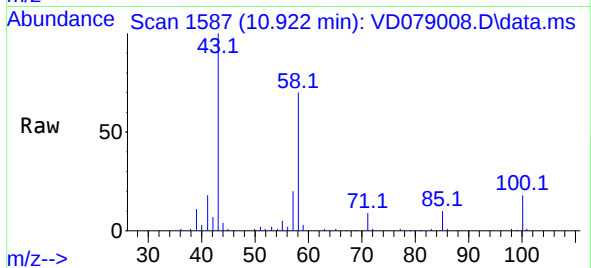
Tgt Ion:	164	Resp:	70797
Ion	Ratio	Lower	Upper
164	100		
129	91.0	63.3	117.7
131	86.6	60.8	112.8
166	123.8	83.7	155.4



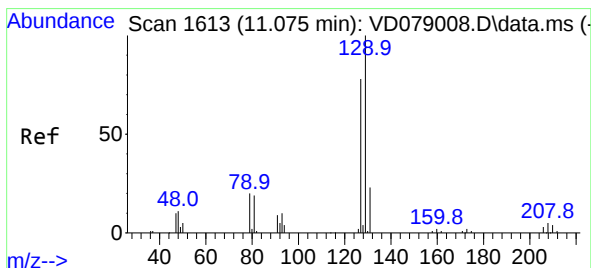
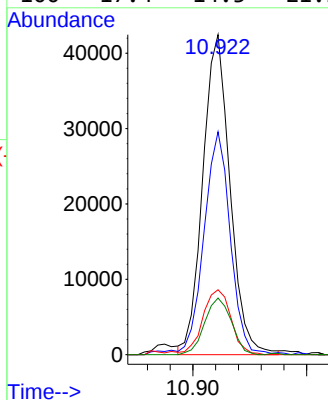
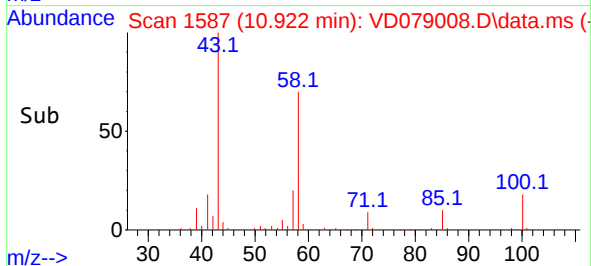


#48
2-Hexanone
Concen: 56.025 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Instrument :
MSVOA_D
ClientSampleId :

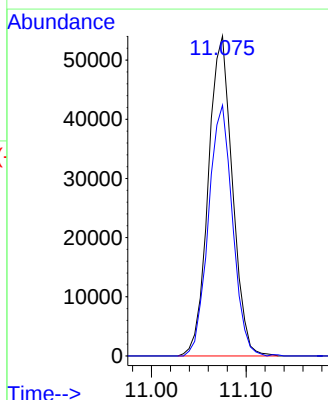
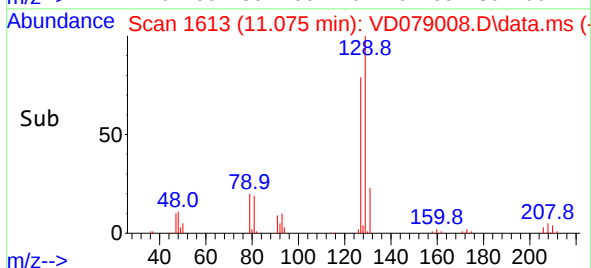
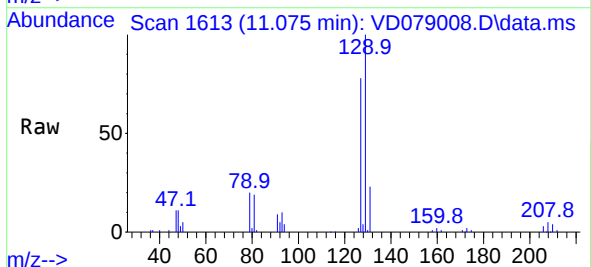


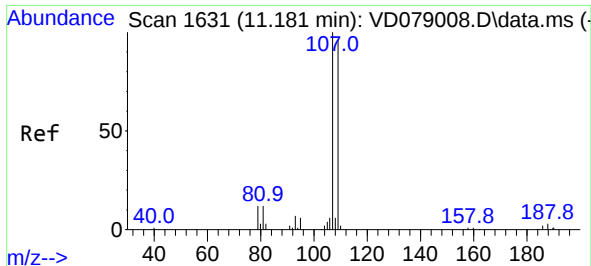
Tgt Ion: 43 Resp: 70673
Ion Ratio Lower Upper
43 100
58 66.6 53.4 80.2
57 21.0 17.0 25.4
100 17.4 14.3 21.5



#49
Dibromochloromethane
Concen: 26.689 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 129 Resp: 95584
Ion Ratio Lower Upper
129 100
127 78.4 54.8 101.8

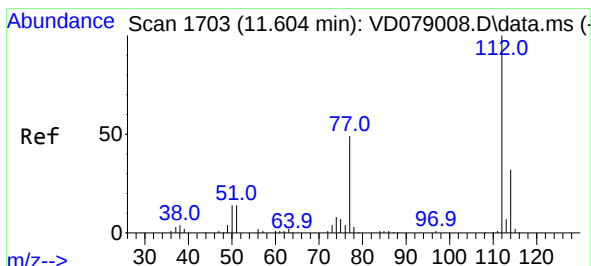
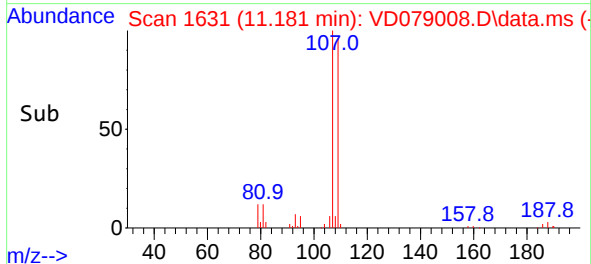
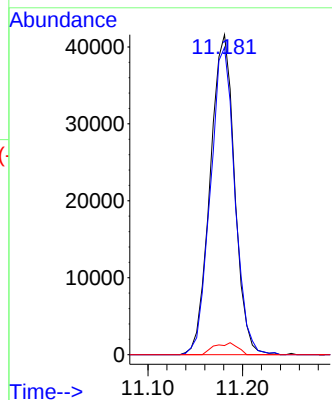
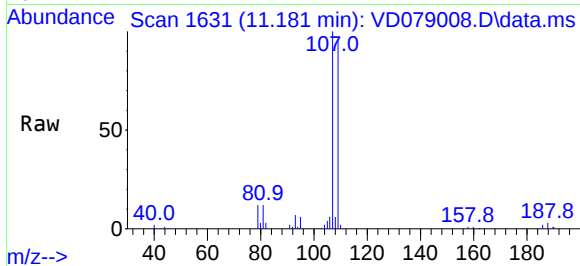




#50
1,2-Dibromoethane
Concen: 26.743 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

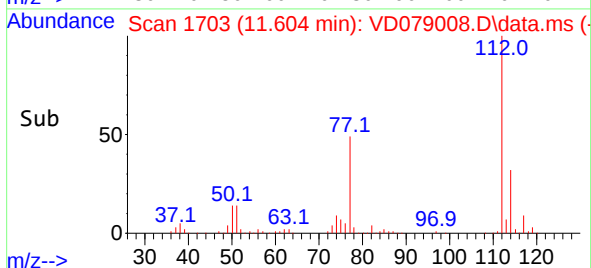
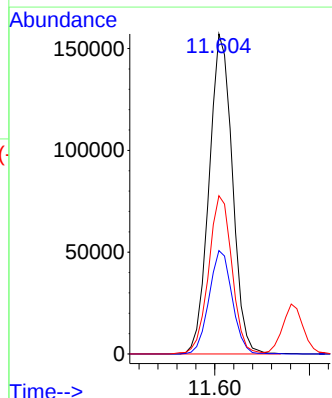
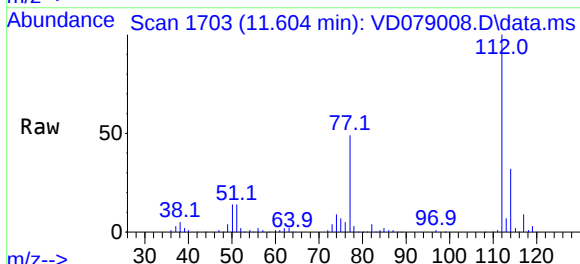
Instrument :
MSVOA_D
ClientSampleId :

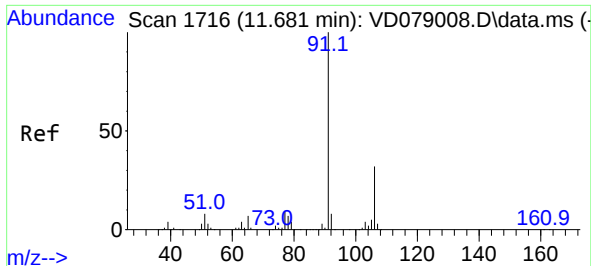
Tgt Ion:	107	Resp:	74419
Ion	Ratio	Lower	Upper
107	100		
109	96.0	67.0	124.4
188	2.8	3.4	5.2#



#51
Chlorobenzene
Concen: 27.139 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:	112	Resp:	267960
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.5	41.9
77	49.4	39.4	59.0

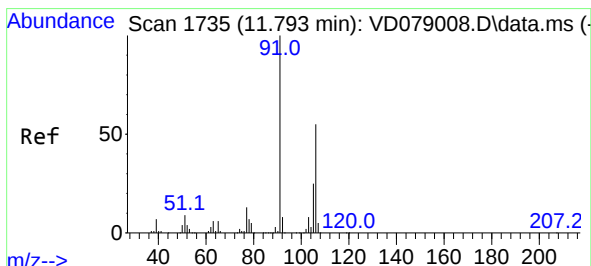
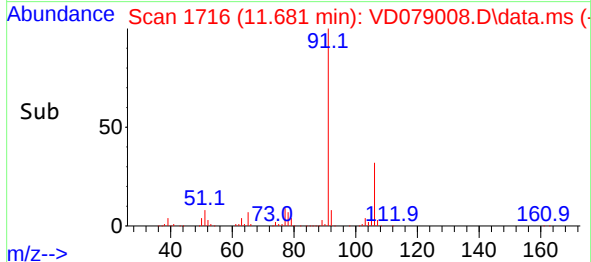
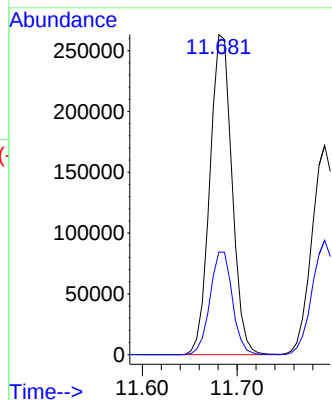
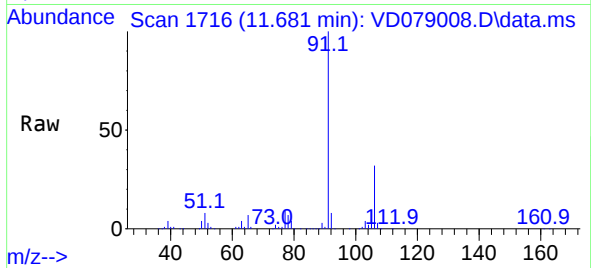




#52
Ethylbenzene
Concen: 28.392 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

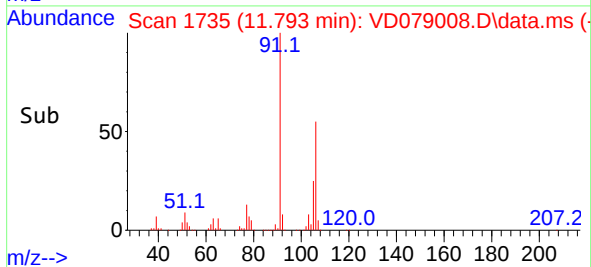
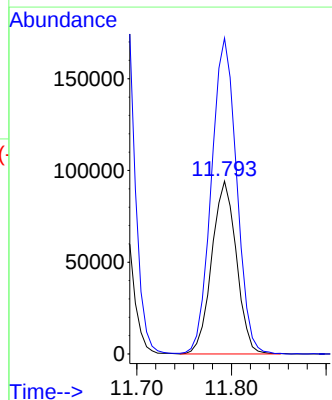
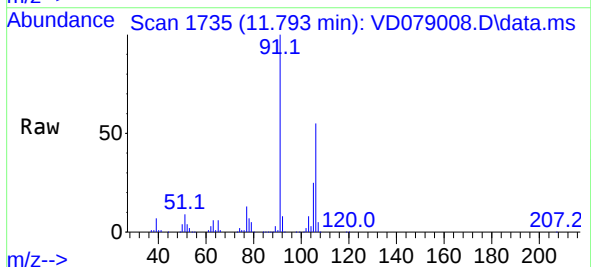
Instrument :
MSVOA_D
ClientSampleId :

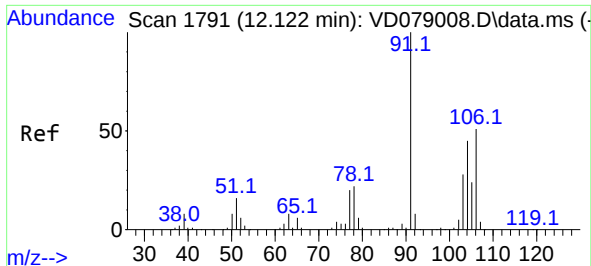
Tgt Ion: 91 Resp: 428263
Ion Ratio Lower Upper
91 100
106 32.1 21.6 40.2



#53
m,p-Xylene
Concen: 28.180 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:106 Resp: 170051
Ion Ratio Lower Upper
106 100
91 182.8 128.3 238.3

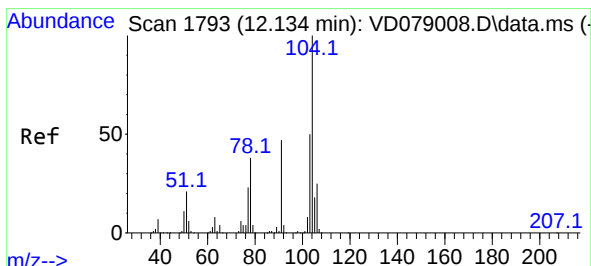
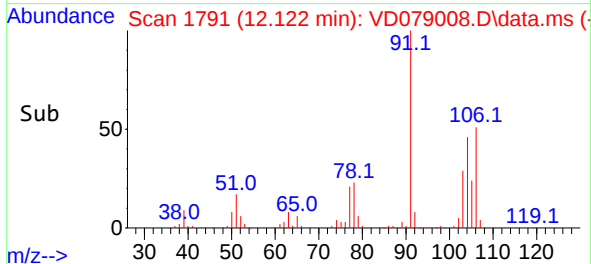
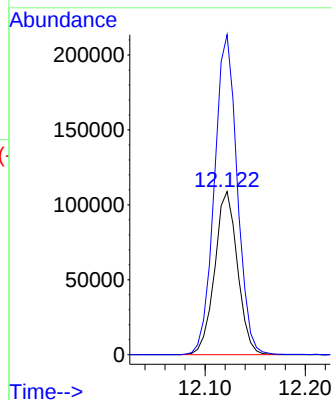
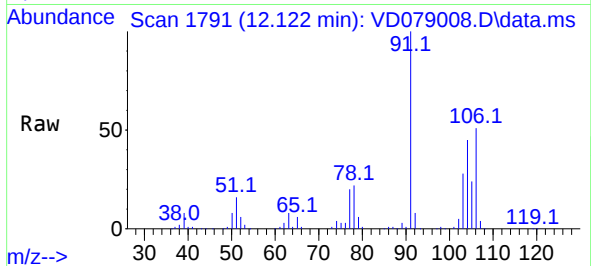




#54
o-Xylene
Concen: 29.241 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

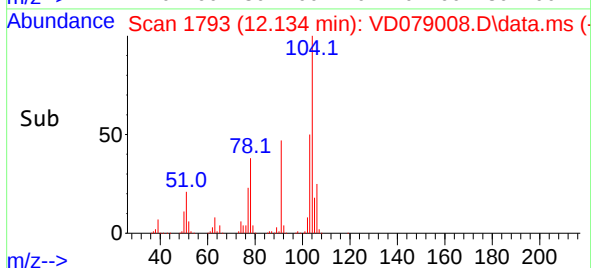
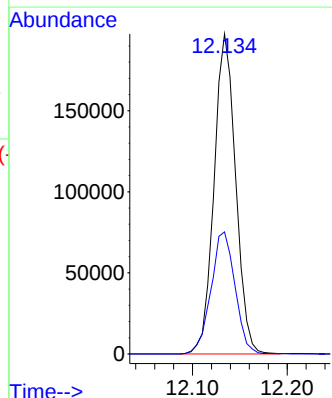
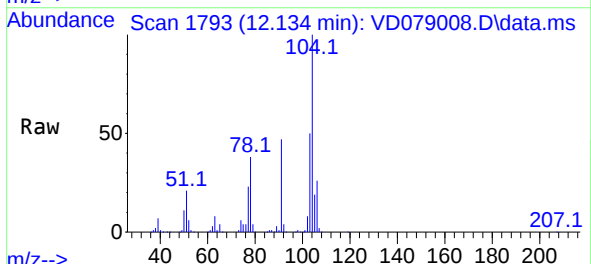
Instrument :
MSVOA_D
ClientSampleId :

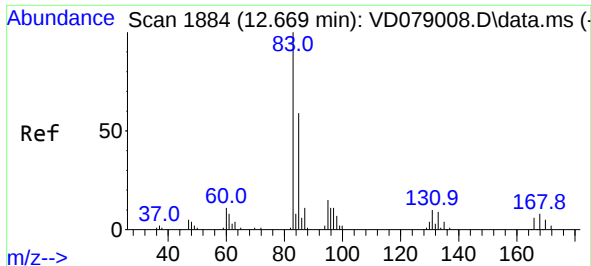
Tgt Ion:106 Resp: 171860
Ion Ratio Lower Upper
106 100
91 196.0 138.3 256.9



#55
Styrene
Concen: 30.162 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:104 Resp: 313260
Ion Ratio Lower Upper
104 100
78 38.2 27.8 51.6





#57

1,1,2,2-Tetrachloroethane

Concen: 27.606 ug/L

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

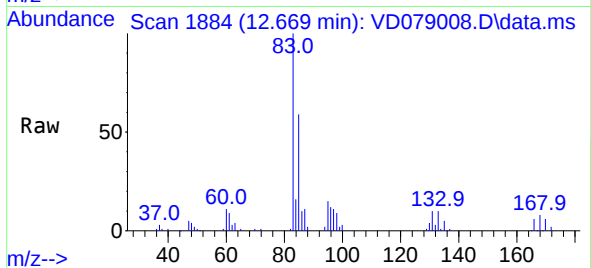
Lab File: VD079008.D

Acq: 24 May 2024 09:25

Instrument :

MSVOA_D

ClientSampleId :



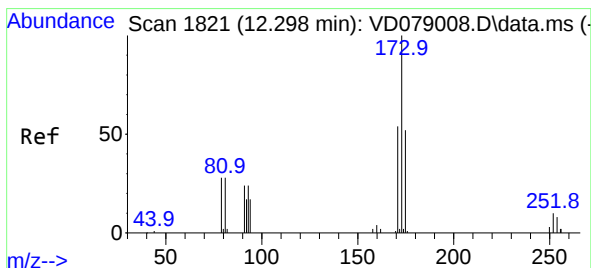
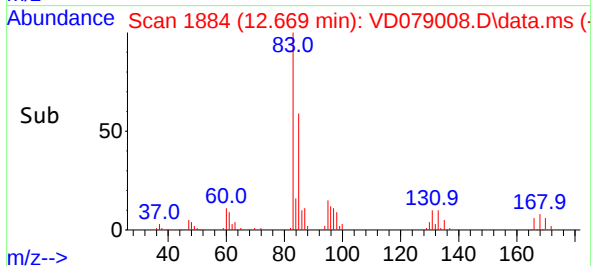
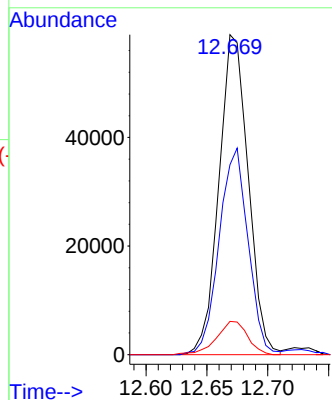
Tgt Ion: 83 Resp: 98634

Ion Ratio Lower Upper

83 100

85 59.3 44.3 82.3

131 10.4 7.5 11.3



#59

Bromoform

Concen: 27.735 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079008.D

Acq: 24 May 2024 09:25

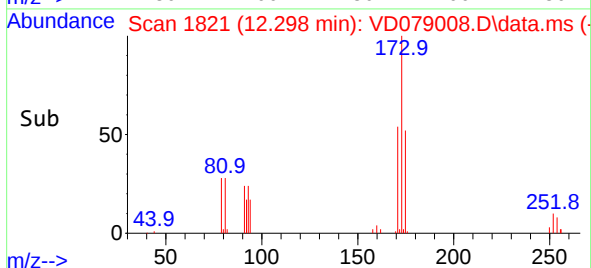
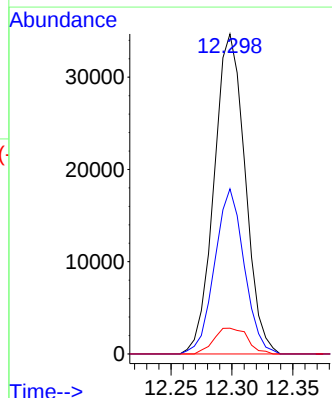
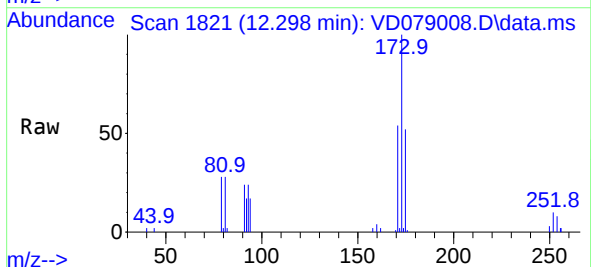
Tgt Ion:173 Resp: 61481

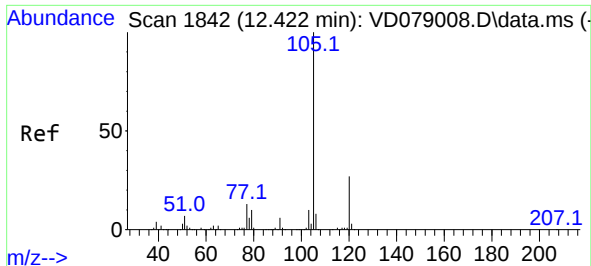
Ion Ratio Lower Upper

173 100

175 49.2 40.0 60.0

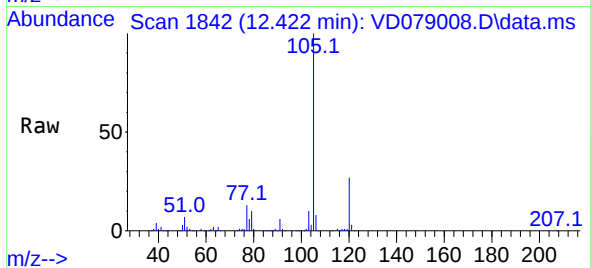
254 8.7 6.3 9.5



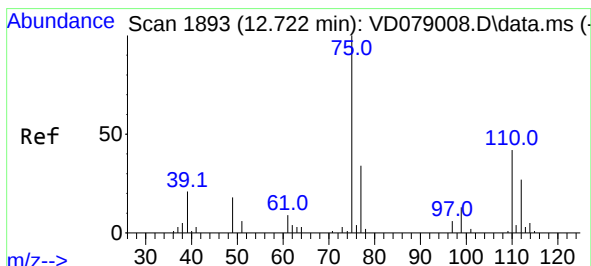
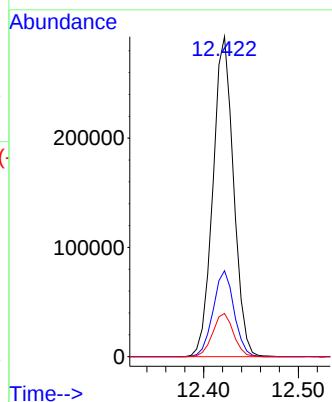


#60
Isopropylbenzene
Concen: 30.632 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Instrument :
MSVOA_D
ClientSampleId :

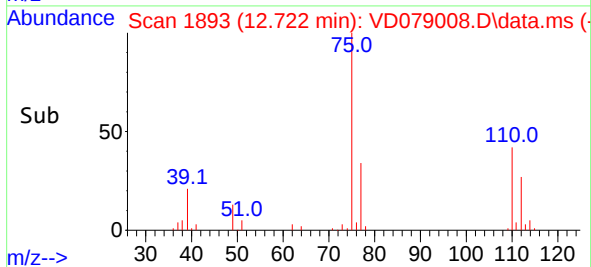
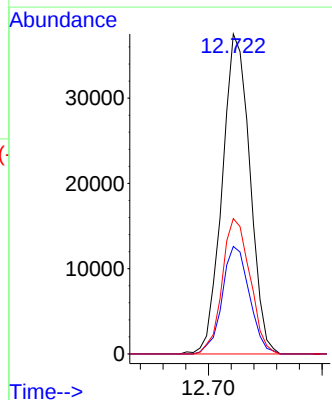
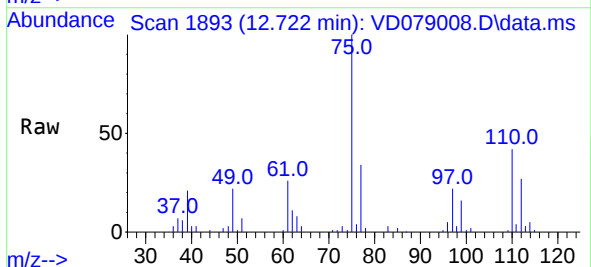


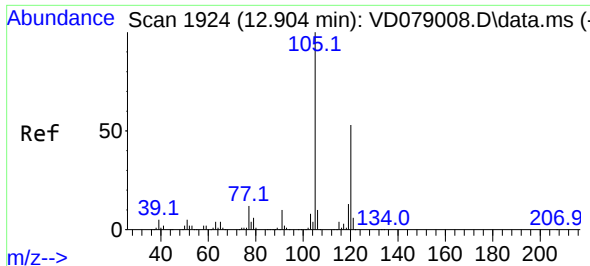
Tgt Ion:105 Resp: 443549
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.8
77 13.7 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 28.330 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion: 75 Resp: 63604
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.2
110 42.4 37.1 55.7

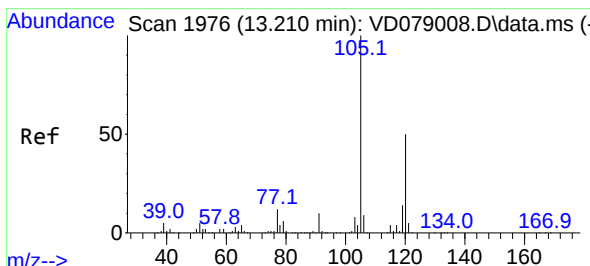
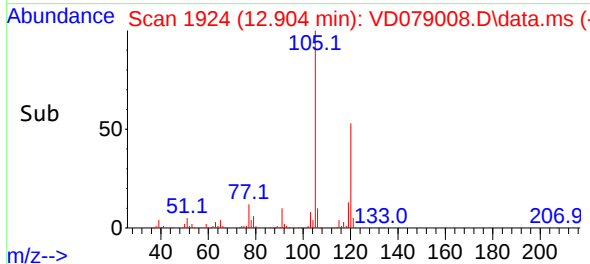
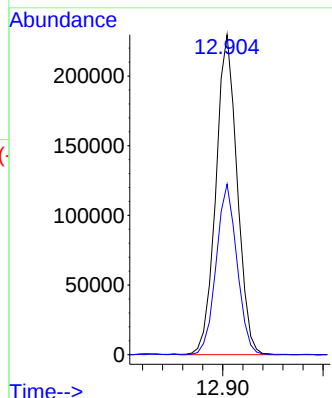
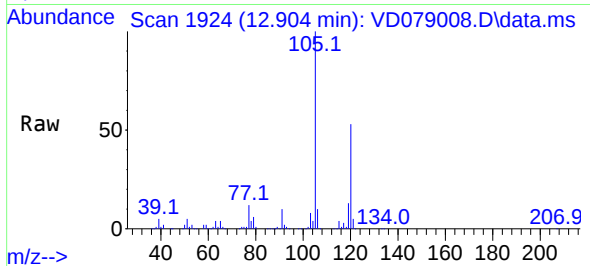




#62
1,3,5-Trimethylbenzene
Concen: 31.571 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

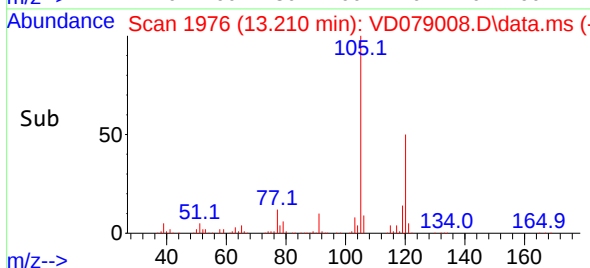
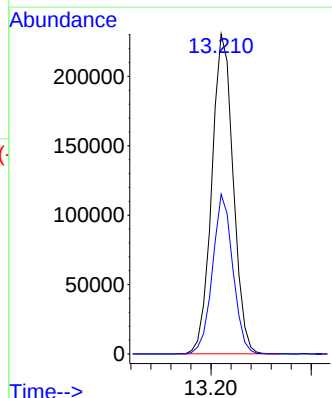
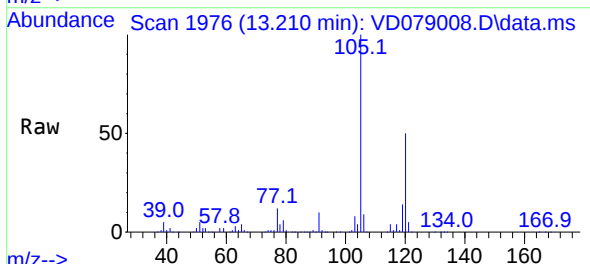
Instrument :
MSVOA_D
ClientSampleId :

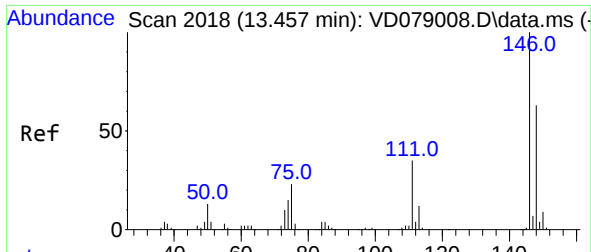
Tgt Ion:105 Resp: 337919
Ion Ratio Lower Upper
105 100
120 52.1 41.9 62.9



#63
1,2,4-Trimethylbenzene
Concen: 31.350 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:105 Resp: 340960
Ion Ratio Lower Upper
105 100
120 47.5 38.8 58.2

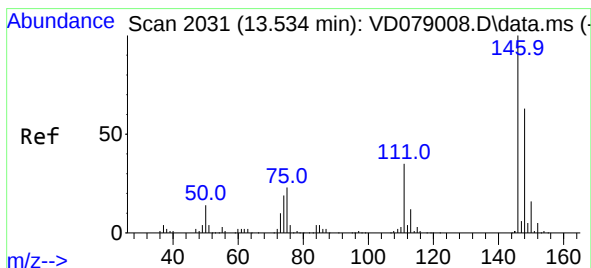
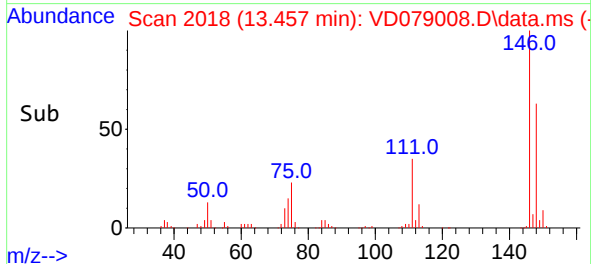
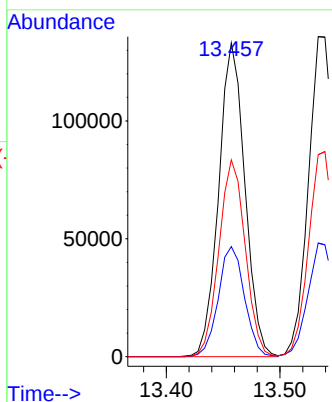
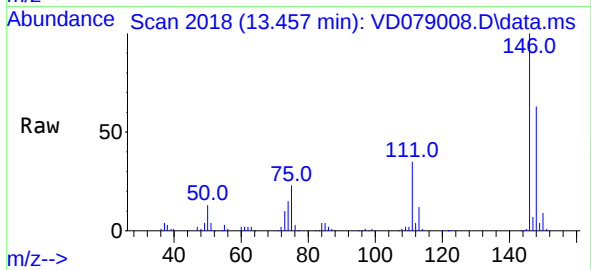




#64
1,3-Dichlorobenzene
Concen: 30.330 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

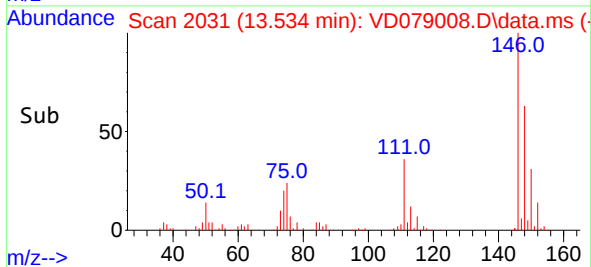
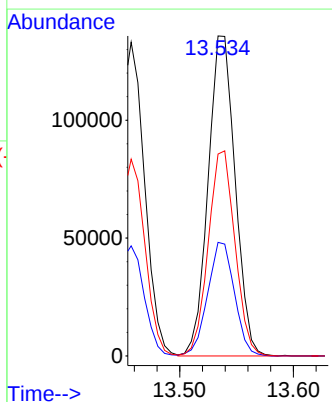
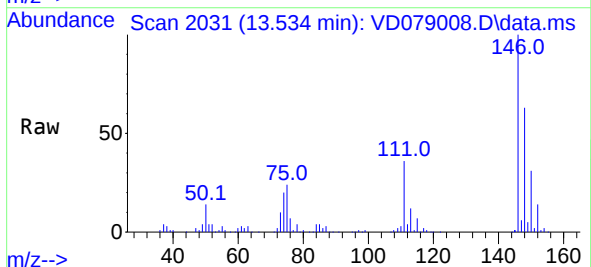
Instrument :
MSVOA_D
ClientSampleId :

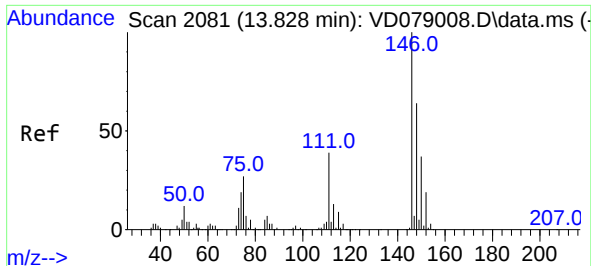
Tgt Ion:146 Resp: 213297
Ion Ratio Lower Upper
146 100
111 35.1 24.0 44.6
148 62.7 42.9 79.7



#65
1,4-Dichlorobenzene
Concen: 29.653 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:146 Resp: 224828
Ion Ratio Lower Upper
146 100
111 35.5 26.9 50.1
148 63.1 46.4 86.2





#67

1,2-Dichlorobenzene

Concen: 29.133 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

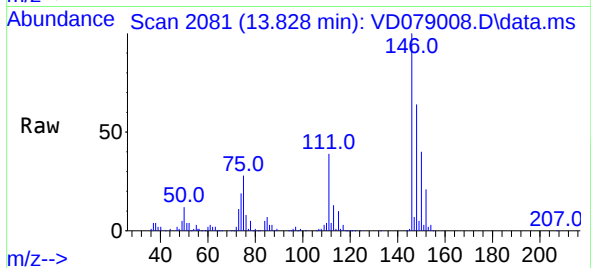
Lab File: VD079008.D

Acq: 24 May 2024 09:25

Instrument :

MSVOA_D

ClientSampleId :



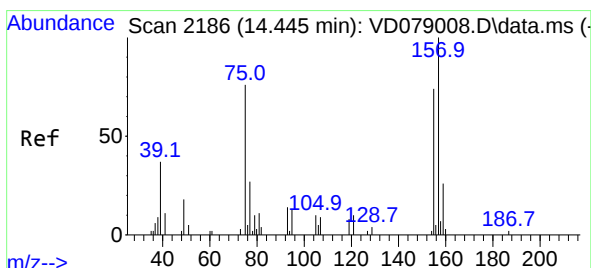
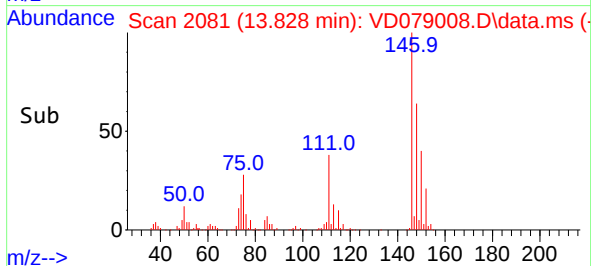
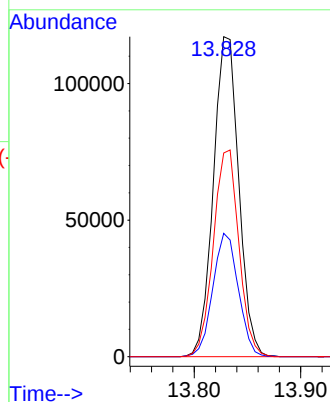
Tgt Ion:146 Resp: 193907

Ion Ratio Lower Upper

146 100

111 38.6 30.9 46.3

148 63.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 28.257 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD079008.D

Acq: 24 May 2024 09:25

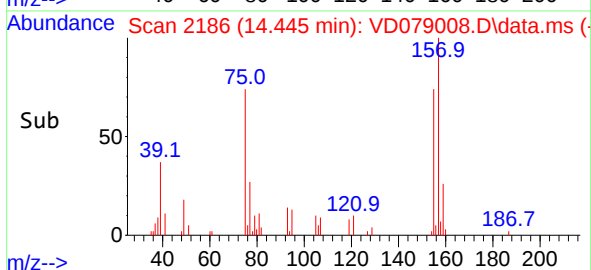
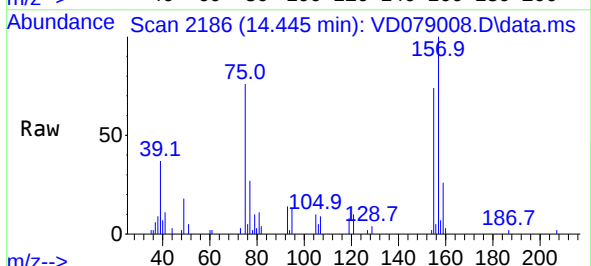
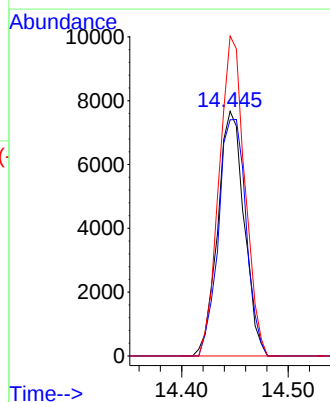
Tgt Ion: 75 Resp: 13215

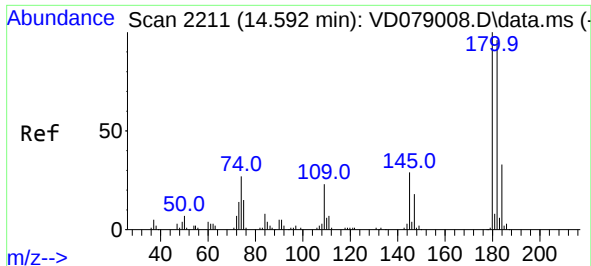
Ion Ratio Lower Upper

75 100

155 96.5 79.8 119.6

157 130.8 99.9 149.9





#69

1,3,5-Trichlorobenzene

Concen: 29.409 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

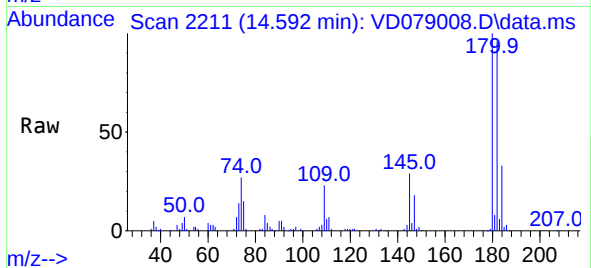
Lab File: VD079008.D

Acq: 24 May 2024 09:25

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 134322

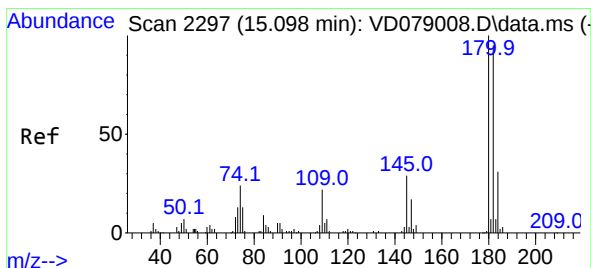
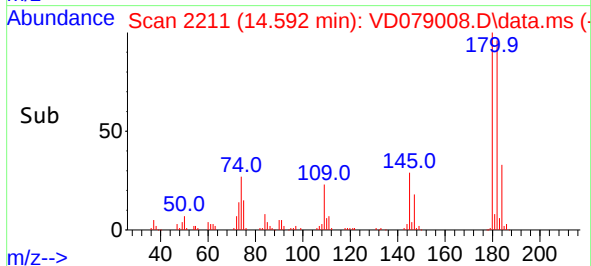
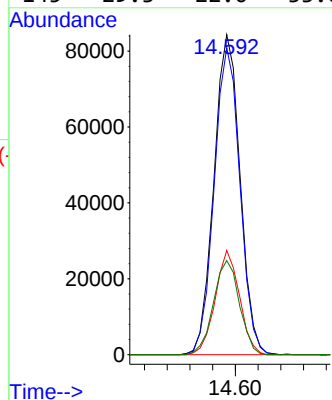
Ion Ratio Lower Upper

180 100

182 94.8 76.2 114.2

184 30.3 24.9 37.3

145 29.3 22.0 33.0



#70

1,2,4-trichlorobenzene

Concen: 29.512 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD079008.D

Acq: 24 May 2024 09:25

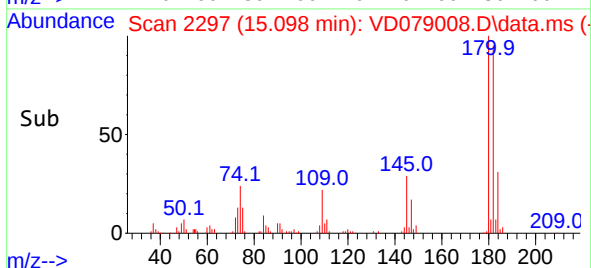
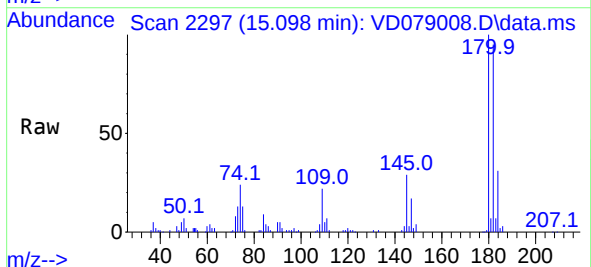
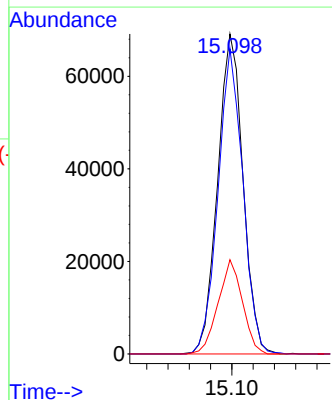
Tgt Ion:180 Resp: 114110

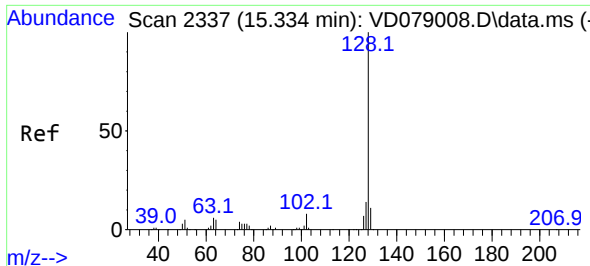
Ion Ratio Lower Upper

180 100

182 93.4 76.4 114.6

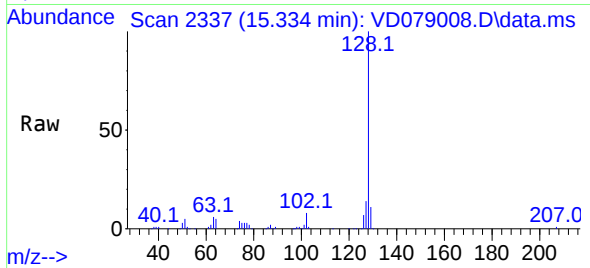
145 28.2 22.8 34.2



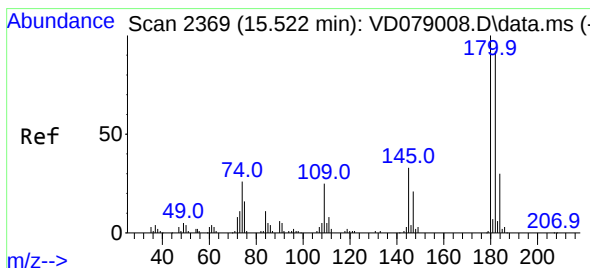
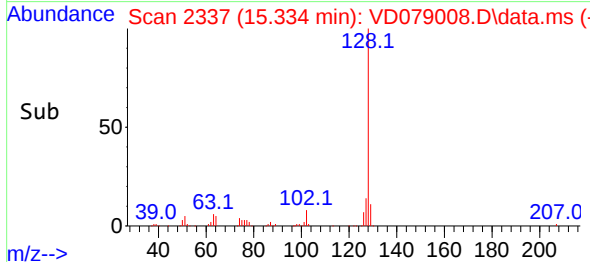
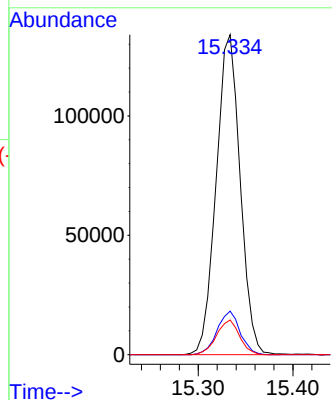


#71
Naphthalene
Concen: 29.909 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 235951
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 29.882 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.006 min
Lab File: VD079008.D
Acq: 24 May 2024 09:25

Tgt Ion:180 Resp: 107995
Ion Ratio Lower Upper
180 100
182 96.1 77.2 115.8
145 31.1 24.4 36.6

