

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091423\
 Data File : VD077118.D
 Acq On : 14 Sep 2023 13:33
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.01G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 23:21:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	276050	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	282485	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	159426	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	126924	18.660	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.640%
7) Chloroethane-d5	2.799	69	109139	19.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
11) 1,1-Dichloroethene-d2	3.916	65	28442	18.407	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.640%
21) 2-Butanone-d5	6.981	46	38018	44.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.740%
24) Chloroform-d	7.563	84	158850	21.030	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.120%
26) 1,2-Dichloroethane-d4	8.228	65	78128	21.823	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.280%
32) Benzene-d6	8.199	84	306114	19.620	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.480%
36) 1,2-Dichloropropane-d6	9.210	67	89939	20.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.400%
41) Toluene-d8	10.269	98	284306	19.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.640%
43) trans-1,3-Dichloroprop...	10.528	79	37726	18.505	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.040%
47) 2-Hexanone-d5	10.881	63	30502	42.683	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89657	22.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.920%
66) 1,2-Dichlorobenzene-d4	13.816	152	100256	19.592	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	76716	21.671	ug/L	100
3) Chloromethane	2.146	50	125038	20.814	ug/L	97
5) Vinyl chloride	2.281	62	152377	21.624	ug/L	98
6) Bromomethane	2.693	94	98991	20.109	ug/L	97
8) Chloroethane	2.834	64	99392	21.492	ug/L	98
9) Trichlorofluoromethane	3.175	101	154892	23.246	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	93762	23.004	ug/L	99
12) 1,1-Dichloroethene	3.934	96	76181	20.551	ug/L	86
13) Acetone	4.022	43	48180	39.194	ug/L	97
14) Carbon disulfide	4.269	76	245234	20.436	ug/L	97
15) Methyl Acetate	4.552	43	37091	22.558	ug/L	# 78
16) Methylene chloride	4.793	84	115626	20.580	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	86877	21.525	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	187780	21.543	ug/L	99
19) 1,1-Dichloroethane	6.110	63	150725	22.148	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	96432	20.869	ug/L	94
22) 2-Butanone	7.081	43	57525	38.790	ug/L	97
23) Bromochloromethane	7.422	128	48633	22.054	ug/L	90
25) Chloroform	7.599	83	169004	22.241	ug/L	97

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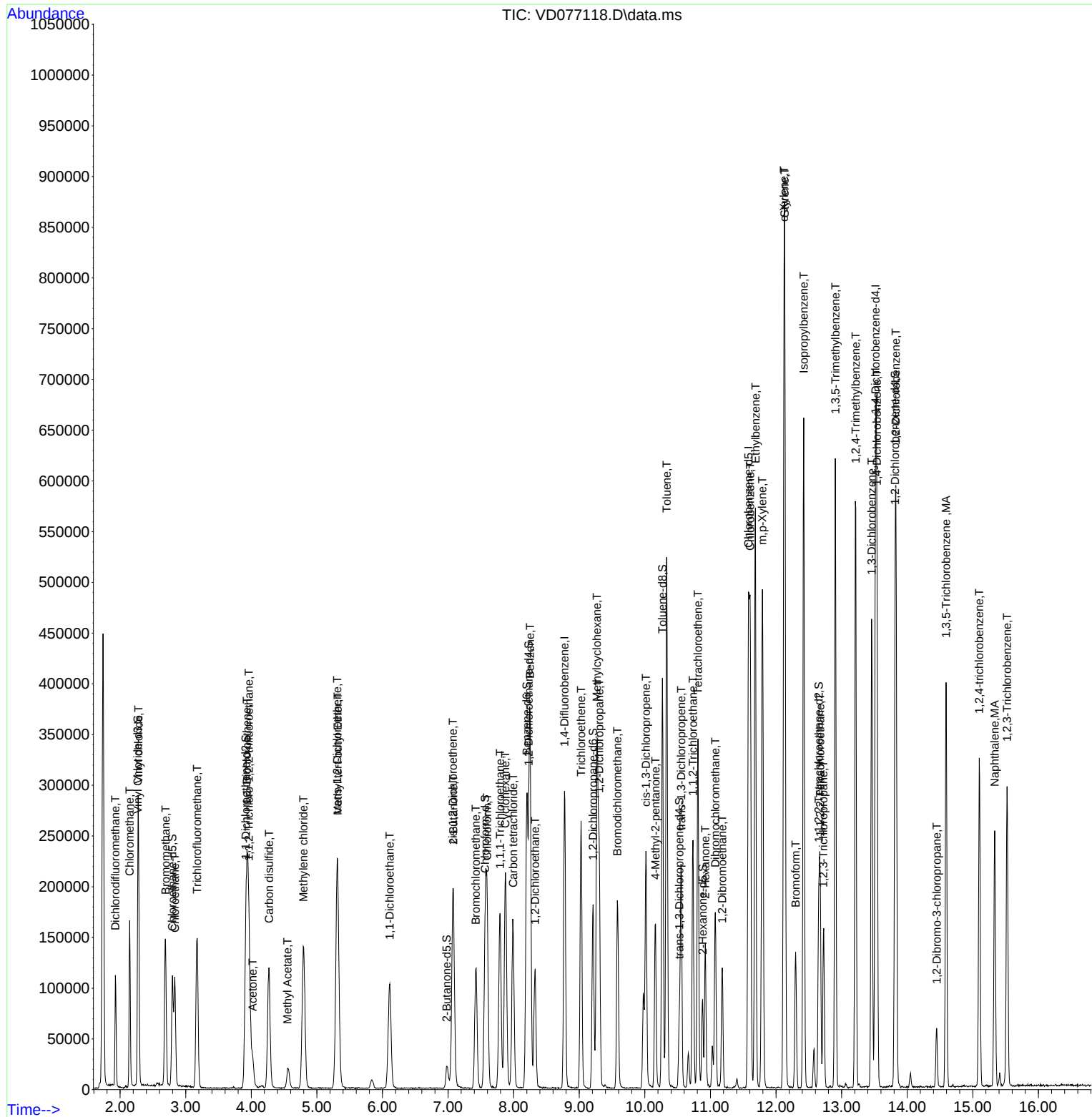
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	102233	22.463	ug/L	99
29) Cyclohexane	7.875	56	110747	20.848	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	144733	21.918	ug/L	98
31) Carbon tetrachloride	7.993	117	123371	22.086	ug/L	98
33) Benzene	8.251	78	363919	21.446	ug/L	100
34) Trichloroethene	9.028	95	94725	21.052	ug/L	98
35) Methylcyclohexane	9.269	83	146738	21.147	ug/L	98
37) 1,2-Dichloropropane	9.304	63	95239	22.252	ug/L	99
38) Bromodichloromethane	9.581	83	129329	21.902	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	146511	21.530	ug/L	94
40) 4-Methyl-2-pentanone	10.163	43	105451	44.828	ug/L	99
42) Toluene	10.334	91	403132	21.933	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	127630	21.938	ug/L	94
45) 1,1,2-Trichloroethane	10.734	97	81675	22.550	ug/L	93
46) Tetrachloroethene	10.810	164	77707	21.125	ug/L	97
48) 2-Hexanone	10.922	43	84057	46.337	ug/L	97
49) Dibromochloromethane	11.075	129	95941	22.680	ug/L	89
50) 1,2-Dibromoethane	11.181	107	79920	22.336	ug/L	95
51) Chlorobenzene	11.604	112	261083	21.244	ug/L	98
52) Ethylbenzene	11.687	91	424816	21.357	ug/L	99
53) m,p-Xylene	11.792	106	168331	21.916	ug/L	99
54) o-Xylene	12.122	106	159498	21.513	ug/L	95
55) Styrene	12.134	104	297333	22.441	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	98081	23.024	ug/L	95
59) Bromoform	12.298	173	61036	21.227	ug/L	100
60) Isopropylbenzene	12.422	105	427451	20.803	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	65421	21.499	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	325053	20.453	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	321266	20.634	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	199413	20.370	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	210713	20.604	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	183403	20.370	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	13670	21.479	ug/L	99
69) 1,3,5-Trichlorobenzene	14.592	180	128777	19.962	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	109013	19.744	ug/L	98
71) Naphthalene	15.333	128	222251	20.135	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	104277	20.562	ug/L	98

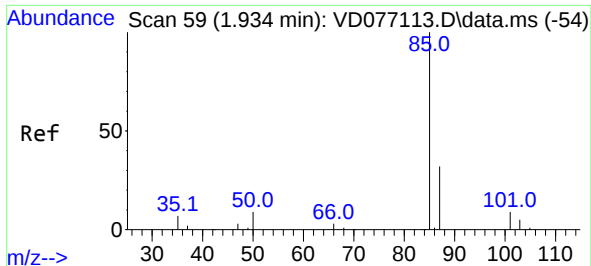
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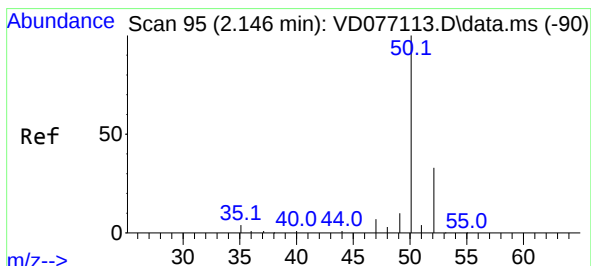
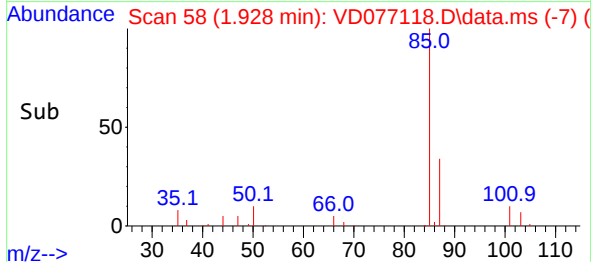
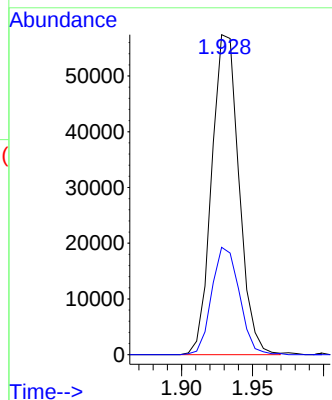
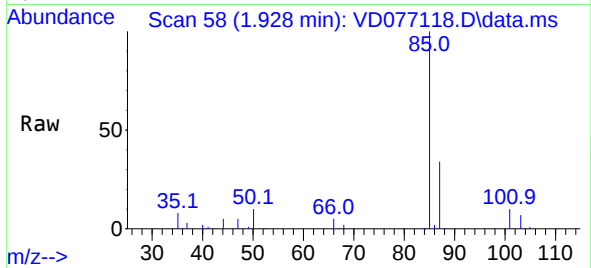




#2
 Dichlorodifluoromethane
 Concen: 21.671 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VD077118.D
 Acq: 14 Sep 2023 13:33

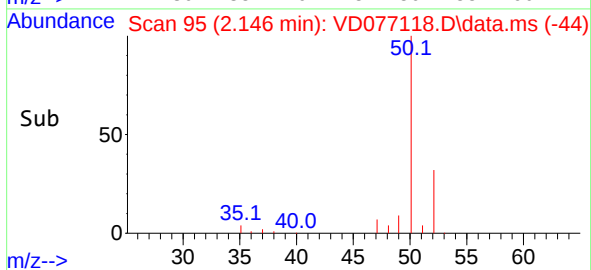
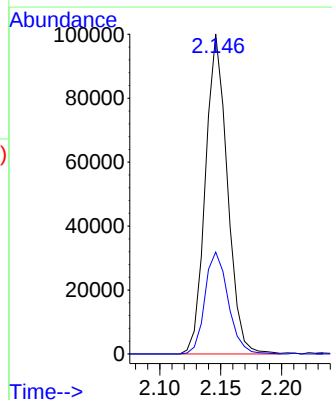
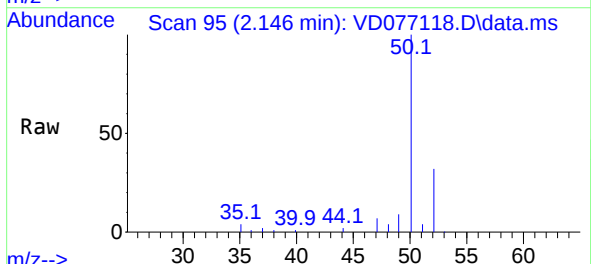
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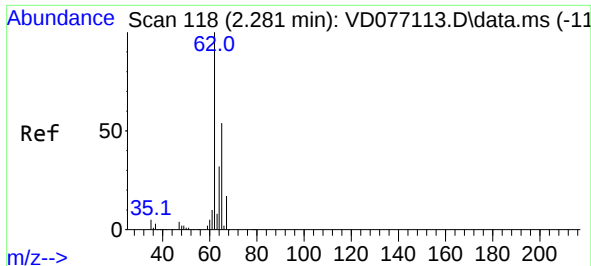
Tgt Ion: 85 Resp: 76716
 Ion Ratio Lower Upper
 85 100
 87 34.0 27.0 40.6



#3
 Chloromethane
 Concen: 20.814 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077118.D
 Acq: 14 Sep 2023 13:33

Tgt Ion: 50 Resp: 125038
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.5 43.7

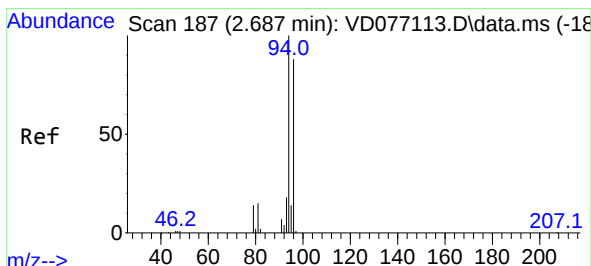
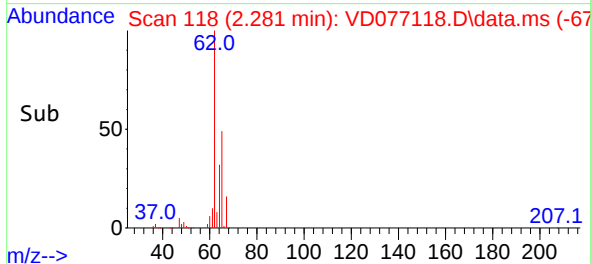
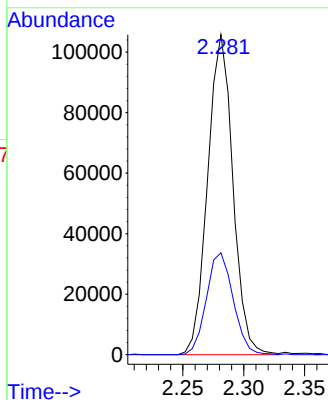
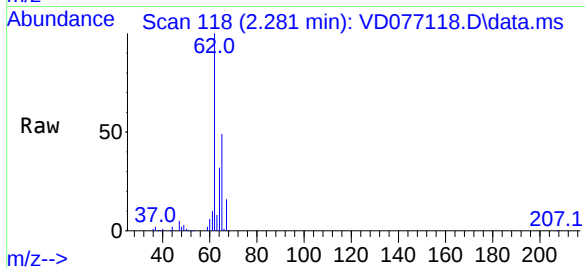




#5
 Vinyl chloride
 Concen: 21.624 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077118.D
 Acq: 14 Sep 2023 13:33

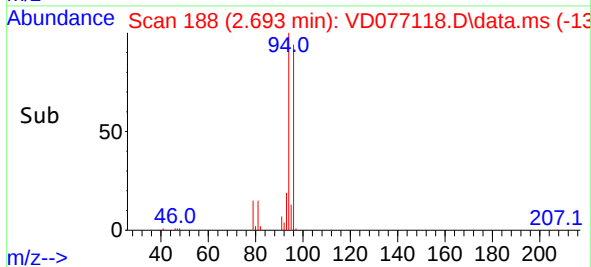
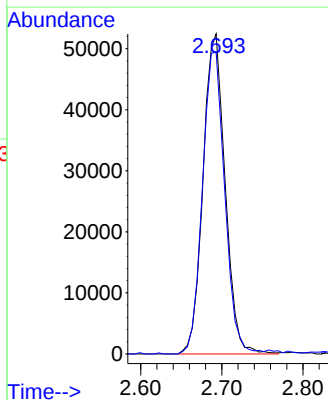
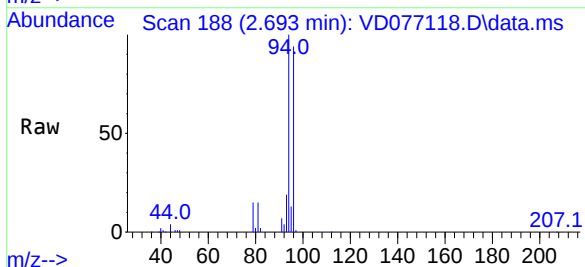
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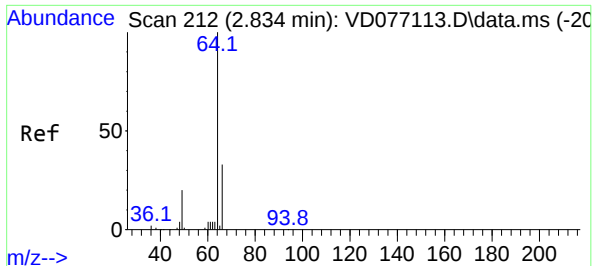
Tgt Ion: 62 Resp: 152377
 Ion Ratio Lower Upper
 62 100
 64 31.9 23.2 43.2



#6
 Bromomethane
 Concen: 20.109 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD077118.D
 Acq: 14 Sep 2023 13:33

Tgt Ion: 94 Resp: 98991
 Ion Ratio Lower Upper
 94 100
 96 94.5 68.2 126.6

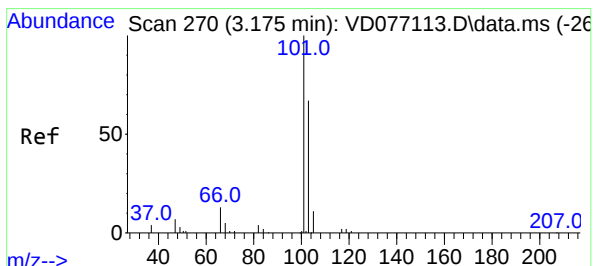
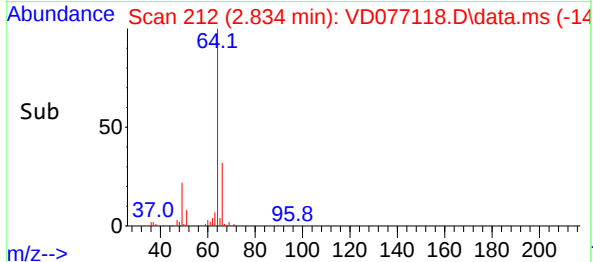
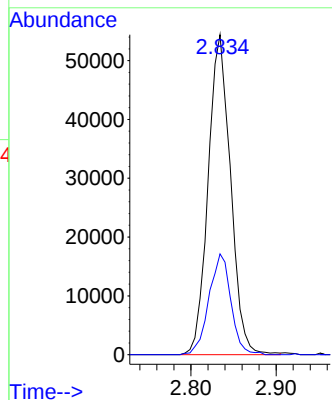
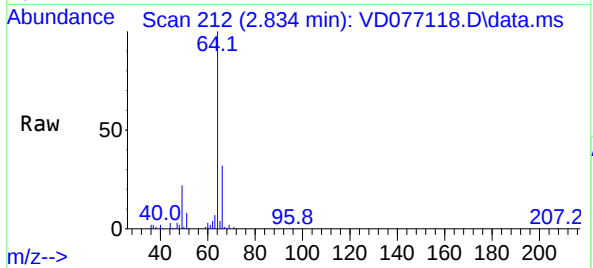




#8
Chloroethane
Concen: 21.492 ug/L
RT: 2.834 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

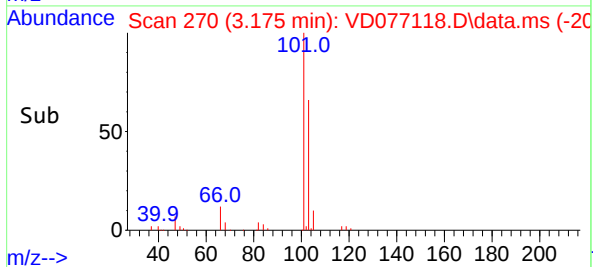
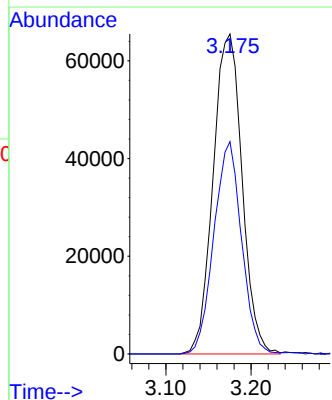
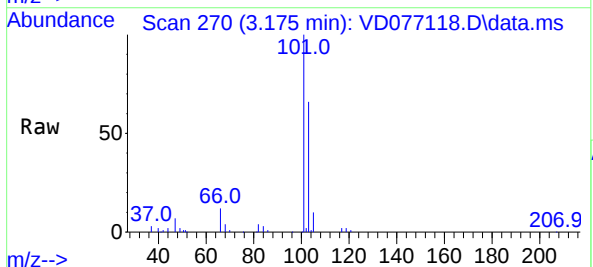
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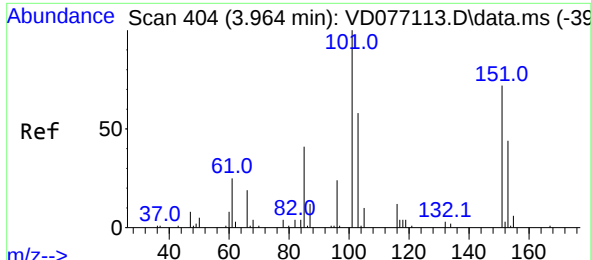
Tgt Ion: 64 Resp: 99392
Ion Ratio Lower Upper
64 100
66 31.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 23.246 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion:101 Resp: 154892
Ion Ratio Lower Upper
101 100
103 63.3 52.0 78.0

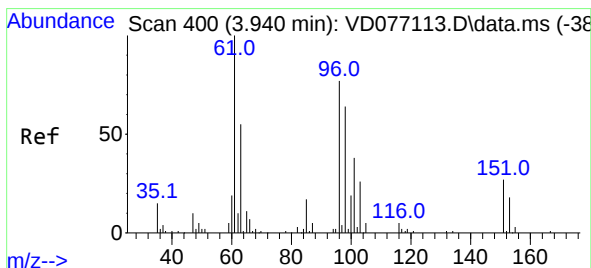
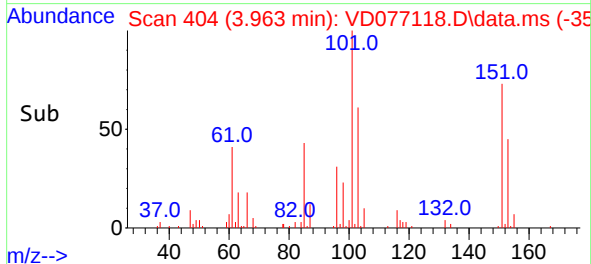
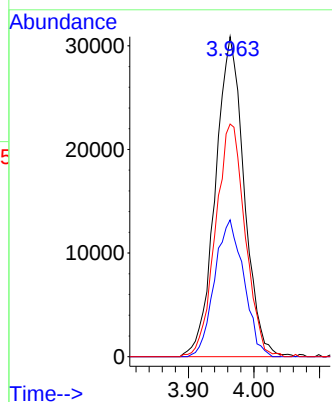
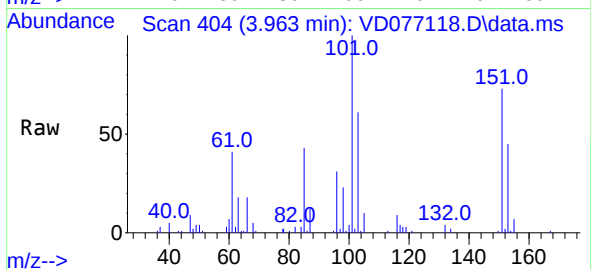




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.004 ug/L
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

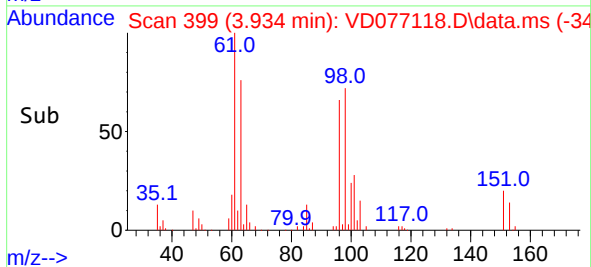
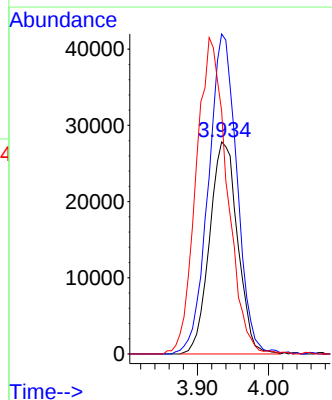
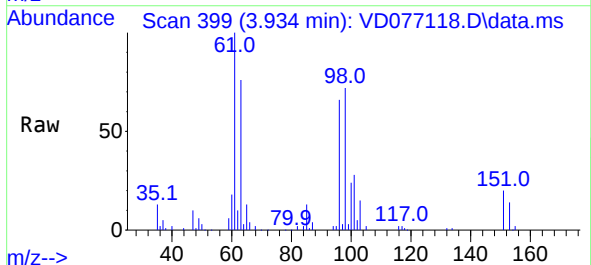
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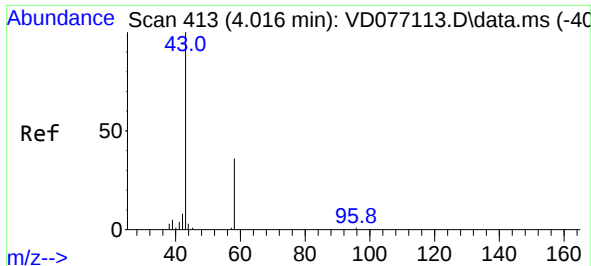
Tgt Ion:	101	Resp:	93762
Ion	Ratio	Lower	Upper
101	100		
85	43.6	33.4	50.2
151	74.7	59.6	89.4



#12
1,1-Dichloroethene
Concen: 20.551 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077118.D
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Tgt Ion:	96	Resp:	76181
Ion	Ratio	Lower	Upper
96	100		
61	151.0	95.5	177.3
63	114.6	68.6	127.4

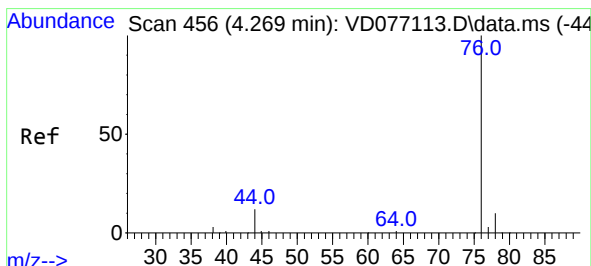
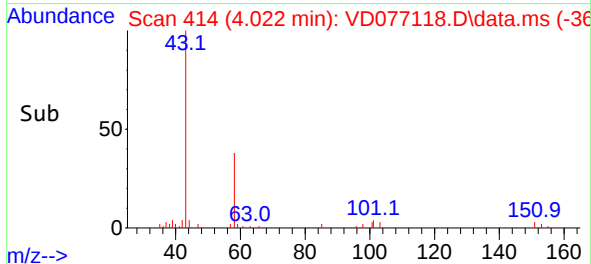
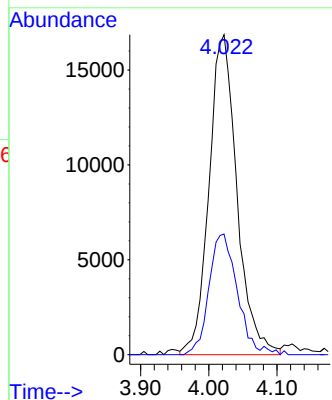
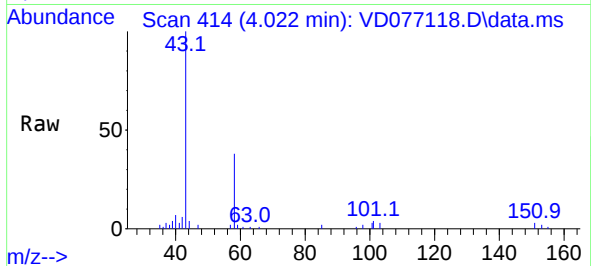




#13
Acetone
Concen: 39.194 ug/L
RT: 4.022 min Scan# 413
Delta R.T. 0.006 min
Lab File: VD077118.D
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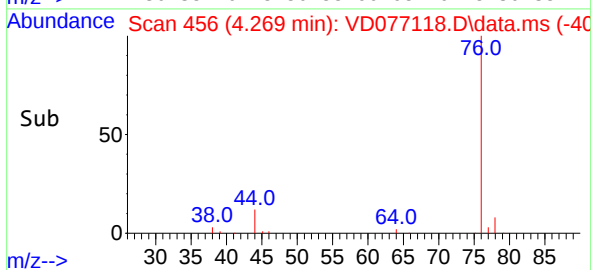
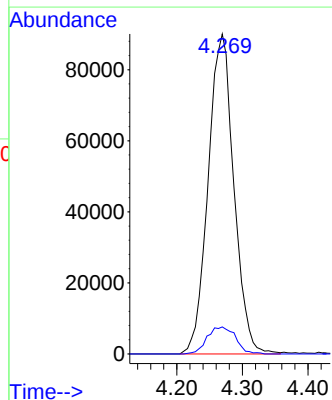
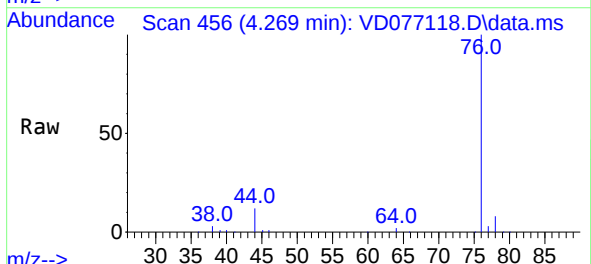
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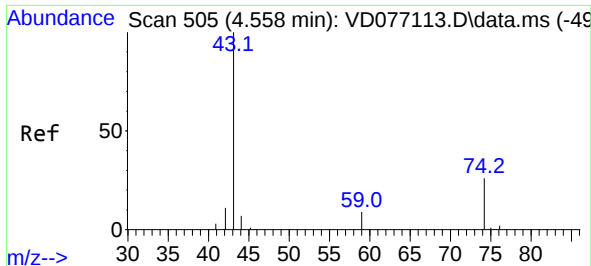
Tgt Ion: 43 Resp: 48180
Ion Ratio Lower Upper
43 100
58 37.5 0.0 71.8



#14
Carbon disulfide
Concen: 20.436 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 245234
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3

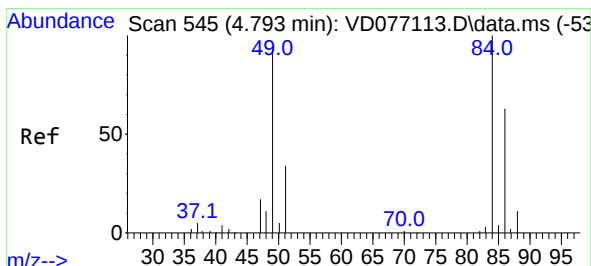
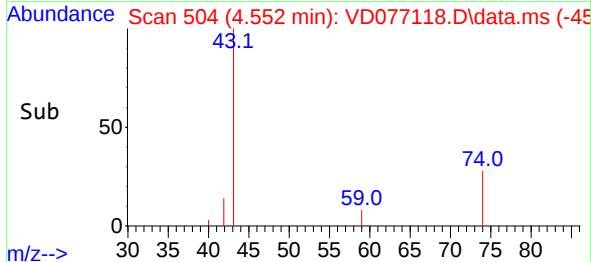
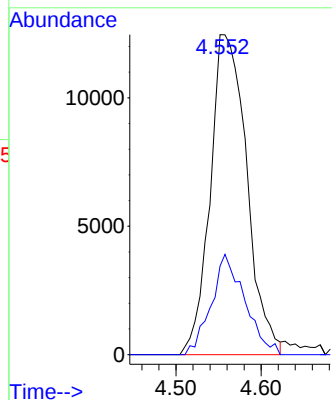
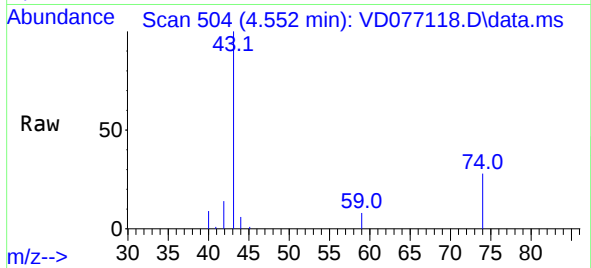




#15
Methyl Acetate
Concen: 22.558 ug/L
RT: 4.552 min Scan# 504
Delta R.T. -0.018 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

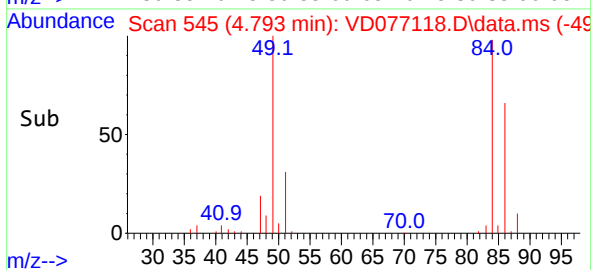
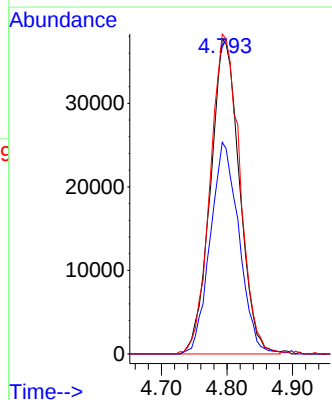
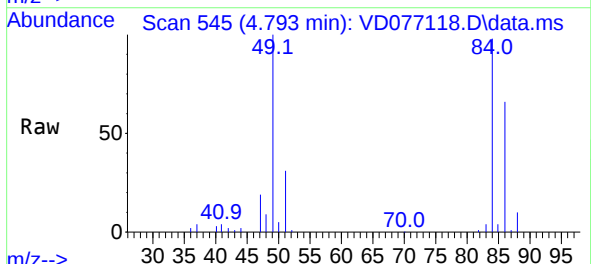
Instrument :
MSVOA_D
ClientSampleId :

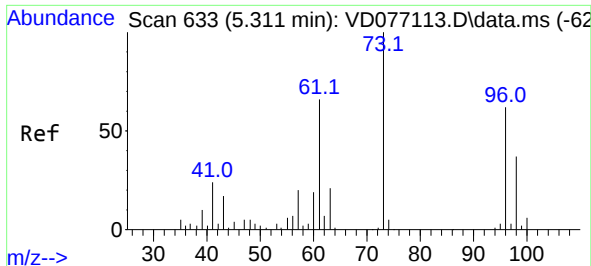
Tgt Ion: 43 Resp: 37091
Ion Ratio Lower Upper
43 100
74 28.4 0.2 0.2#



#16
Methylene chloride
Concen: 20.580 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.012 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

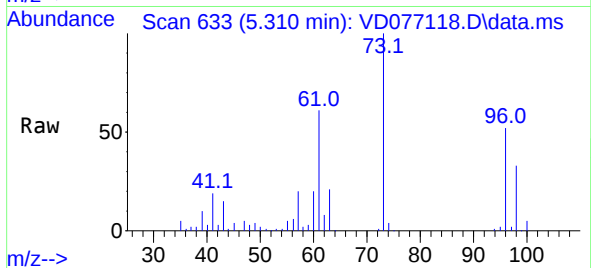
Tgt Ion: 84 Resp: 115626
Ion Ratio Lower Upper
84 100
86 67.2 45.3 84.1
49 101.5 69.2 128.6



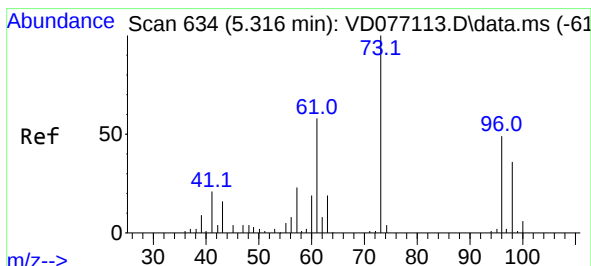
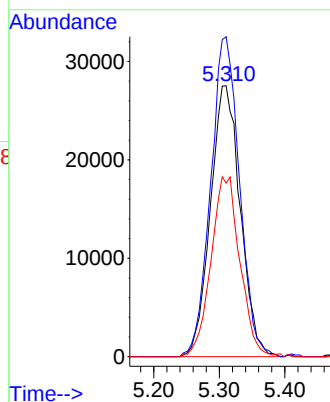
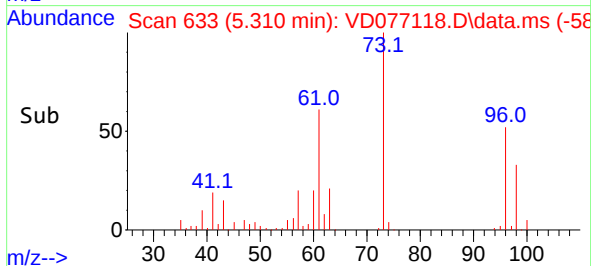


#17
trans-1,2-Dichloroethene
Concen: 21.525 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

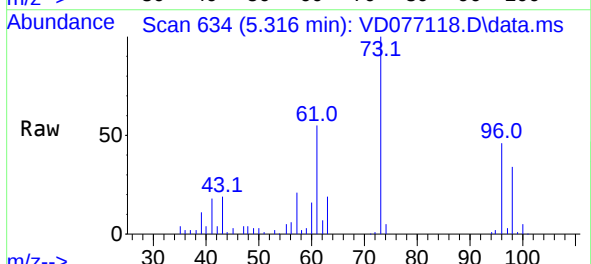
Instrument :
MSVOA_D
ClientSampleId :



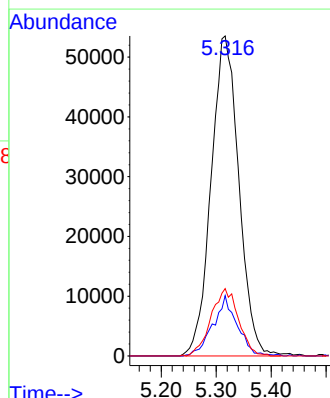
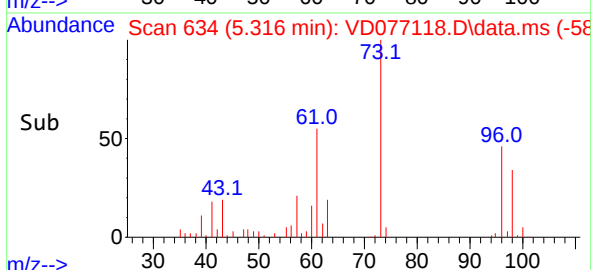
Tgt Ion: 96 Resp: 86877
Ion Ratio Lower Upper
96 100
61 118.1 85.1 158.1
98 64.1 43.7 81.1

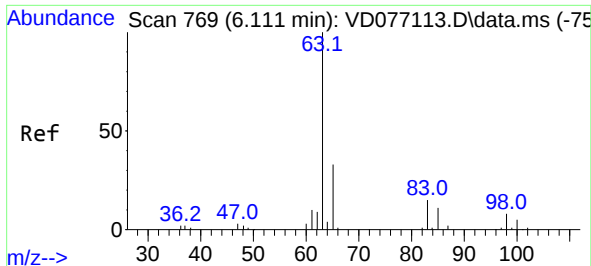


#18
Methyl tert-butyl Ether
Concen: 21.543 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33



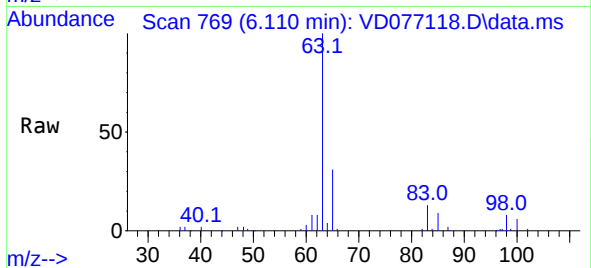
Tgt Ion: 73 Resp: 187780
Ion Ratio Lower Upper
73 100
43 16.1 12.5 18.7
57 20.8 16.8 25.2



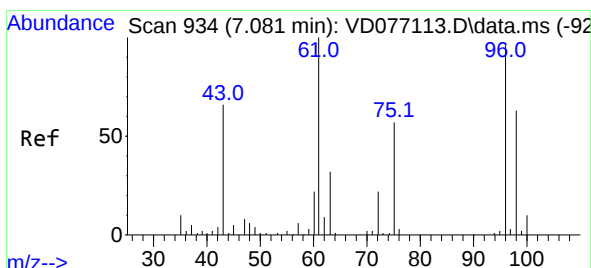
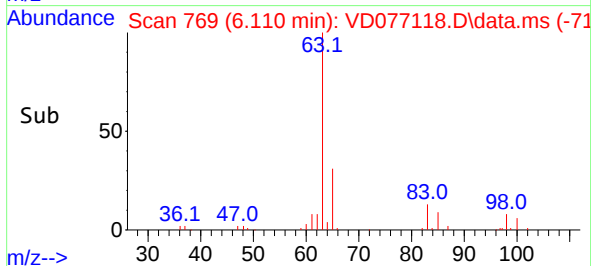
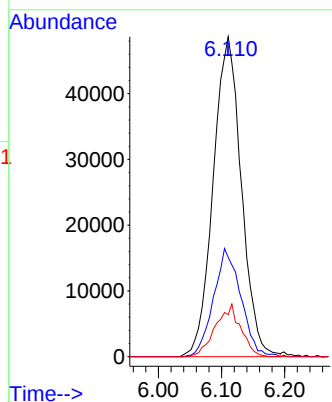


#19
1,1-Dichloroethane
Concen: 22.148 ug/L
RT: 6.110 min Scan# 769
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :

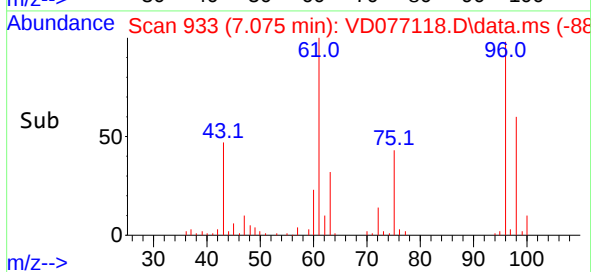
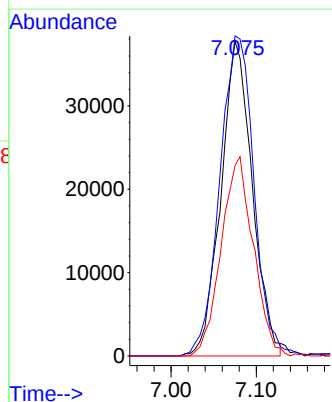
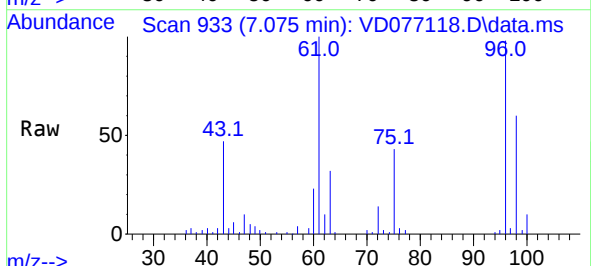


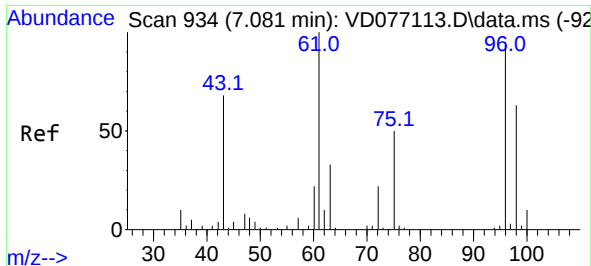
Tgt Ion: 63 Resp: 150725
Ion Ratio Lower Upper
63 100
65 31.1 22.5 41.9
83 13.2 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 20.869 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 96 Resp: 96432
Ion Ratio Lower Upper
96 100
61 101.7 75.5 140.1
98 60.6 45.8 85.0

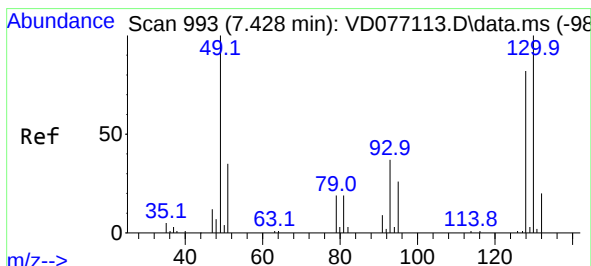
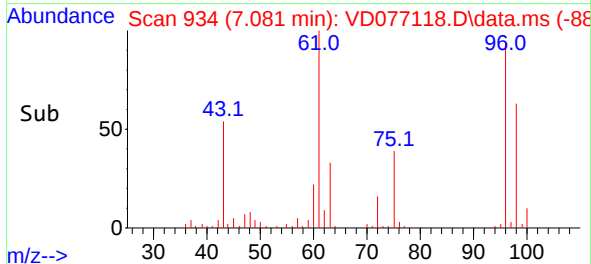
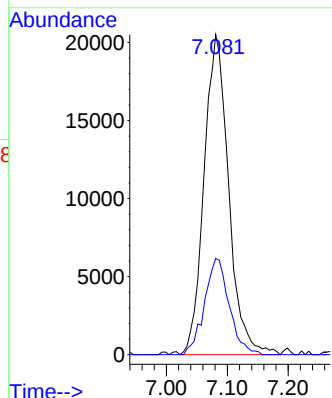
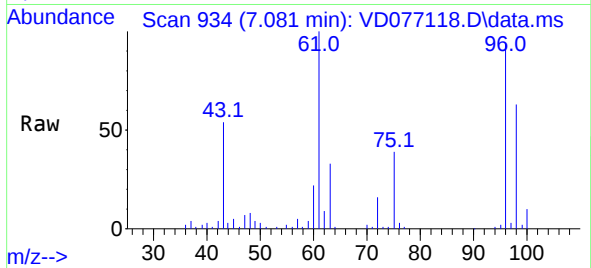




#22
2-Butanone
Concen: 38.790 ug/L
RT: 7.081 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

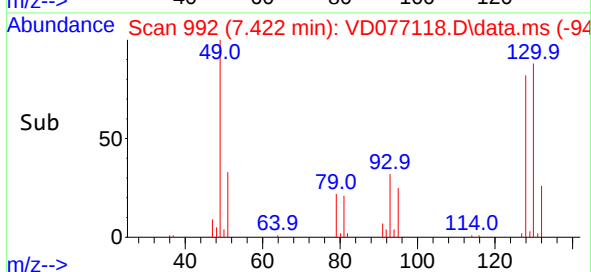
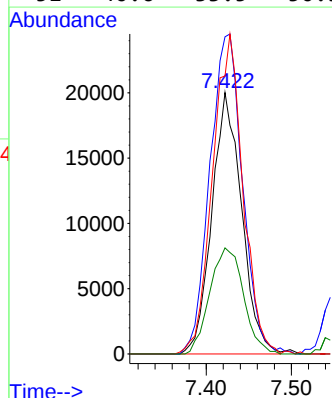
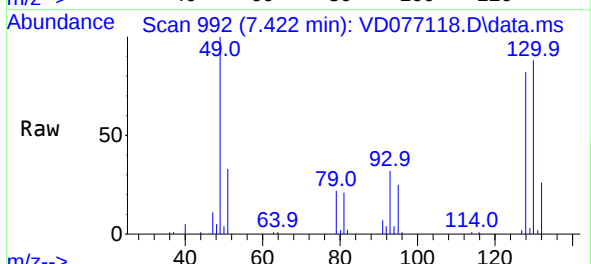
Instrument :
MSVOA_D
ClientSampleId :

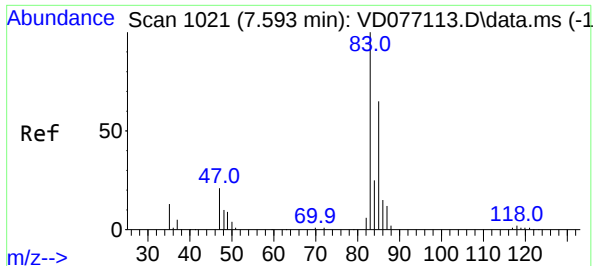
Tgt Ion: 43 Resp: 57525
Ion Ratio Lower Upper
43 100
72 30.1 16.0 48.0



#23
Bromochloromethane
Concen: 22.054 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion:128 Resp: 48633
Ion Ratio Lower Upper
128 100
49 121.3 86.5 160.6
130 106.3 91.2 169.4
51 40.6 33.5 50.3





#25

Chloroform

Concen: 22.241 ug/L

RT: 7.599 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

Instrument :

MSVOA_D

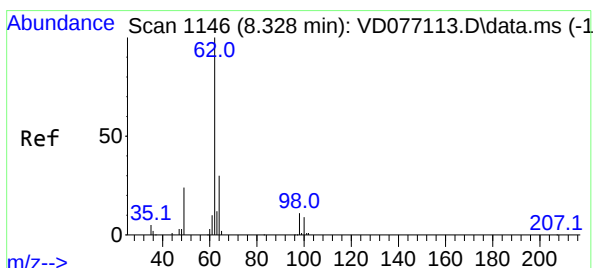
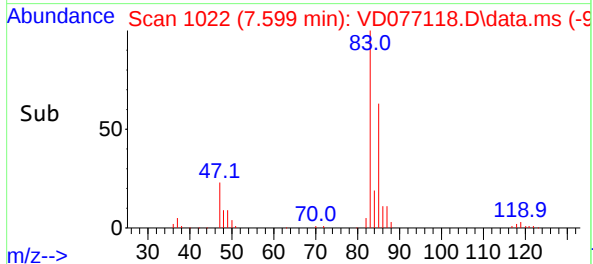
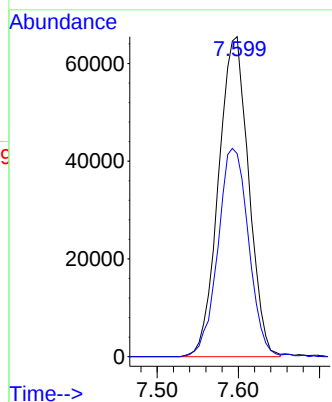
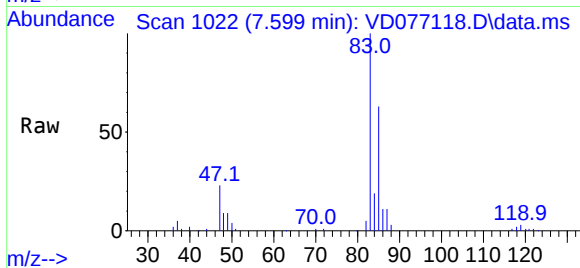
ClientSampleId :

Tgt Ion: 83 Resp: 169004

Ion Ratio Lower Upper

83 100

85 63.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 22.463 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077118.D

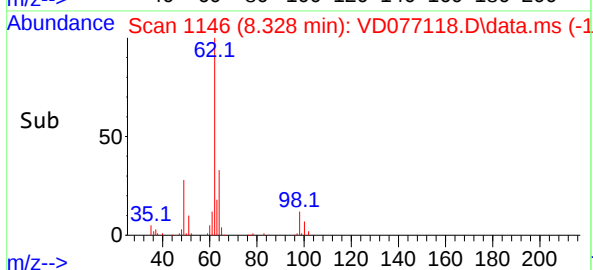
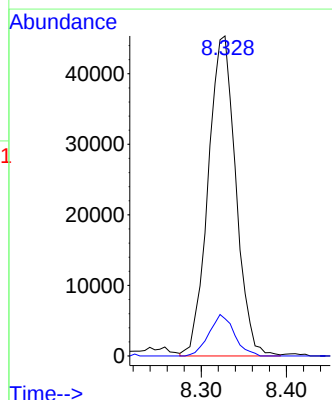
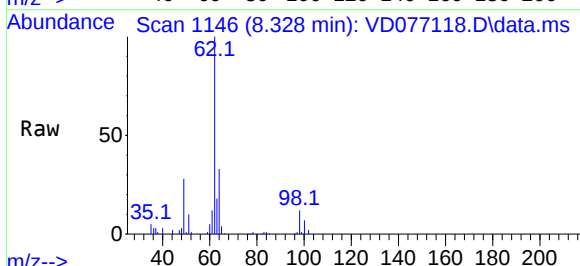
Acq: 14 Sep 2023 13:33

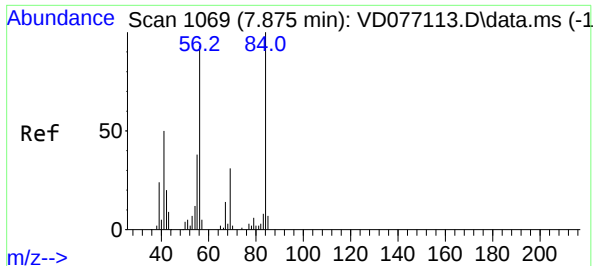
Tgt Ion: 62 Resp: 102233

Ion Ratio Lower Upper

62 100

98 11.6 9.0 13.4





#29

Cyclohexane

Concen: 20.848 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

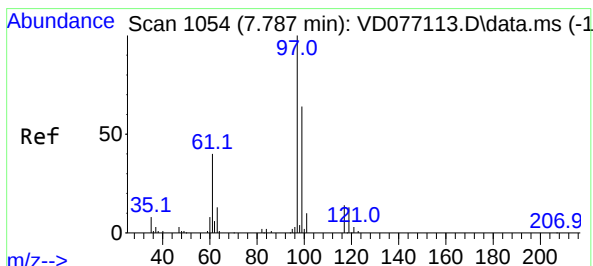
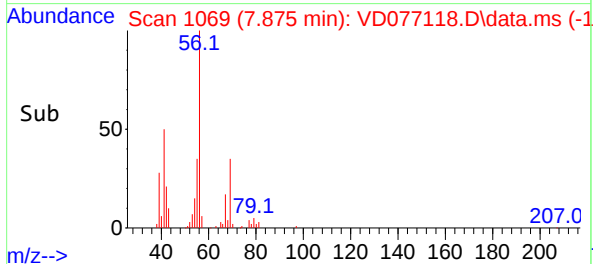
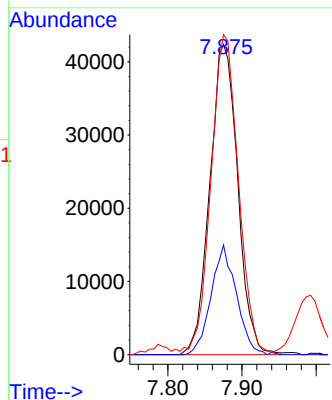
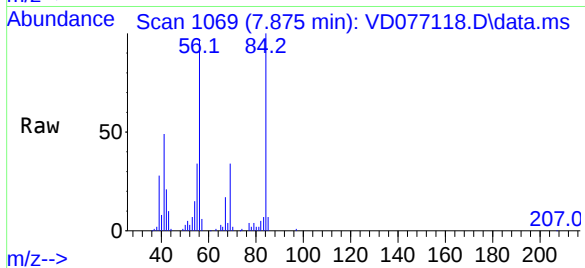
Tgt Ion: 56 Resp: 110747

Ion Ratio Lower Upper

56 100

69 32.0 25.5 38.3

84 101.6 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 21.918 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

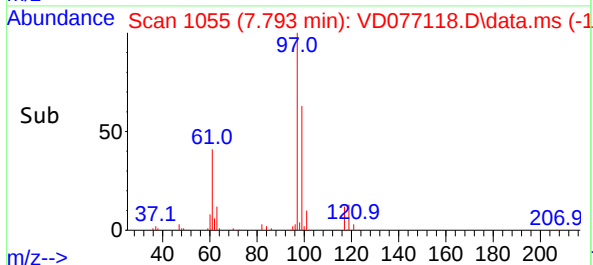
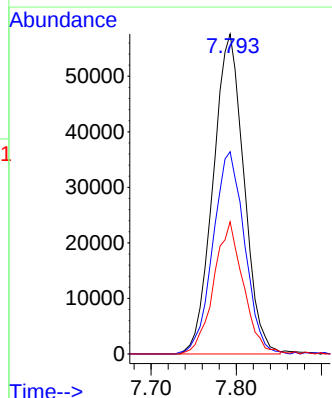
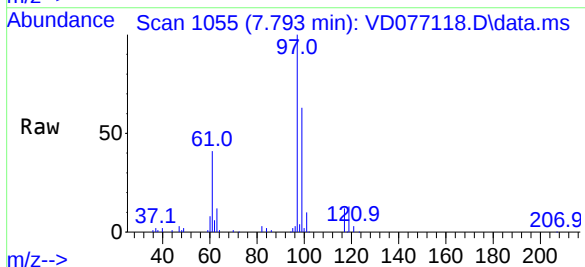
Tgt Ion: 97 Resp: 144733

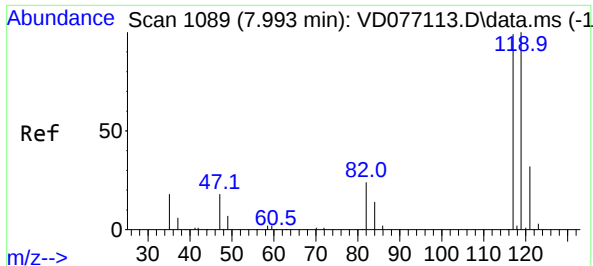
Ion Ratio Lower Upper

97 100

99 64.8 50.7 76.1

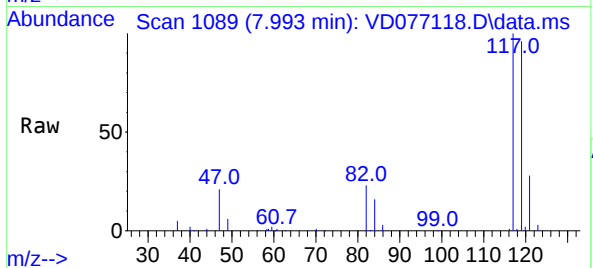
61 39.3 32.6 48.8



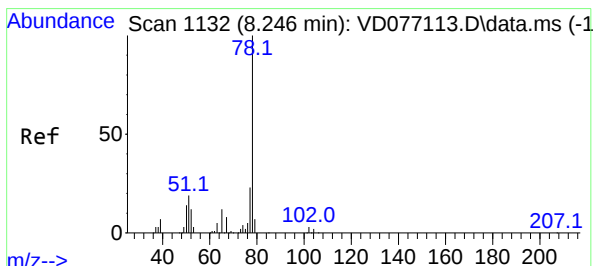
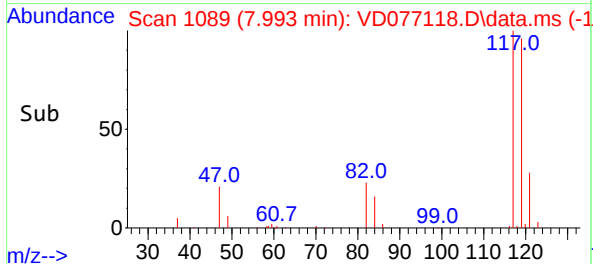
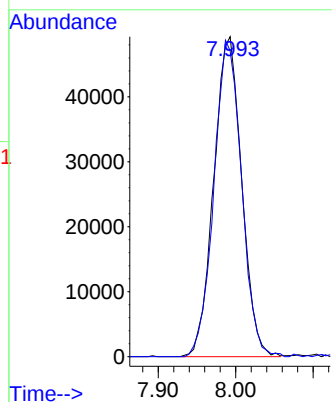


#31
Carbon tetrachloride
Concen: 22.086 ug/L
RT: 7.993 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :

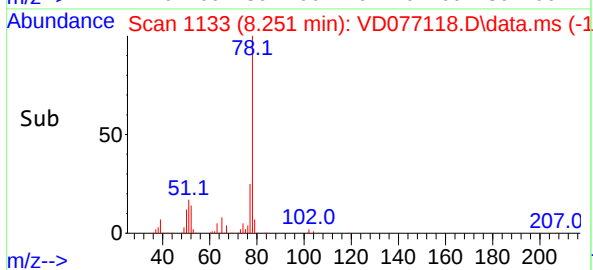
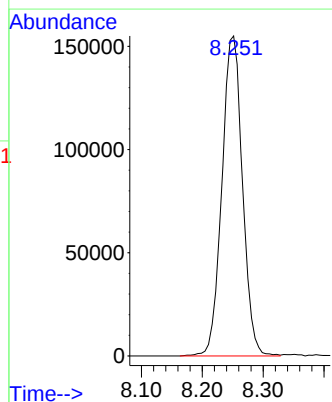
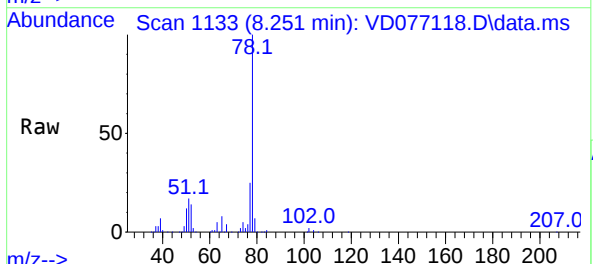


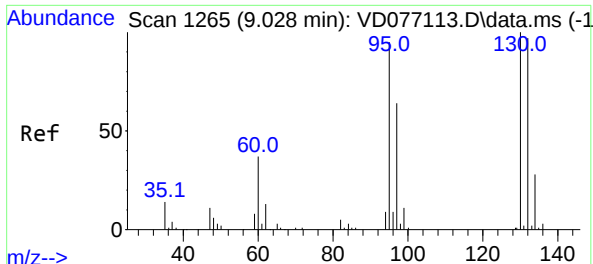
Tgt Ion:117 Resp: 123371
Ion Ratio Lower Upper
117 100
119 97.5 76.2 114.4



#33
Benzene
Concen: 21.446 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

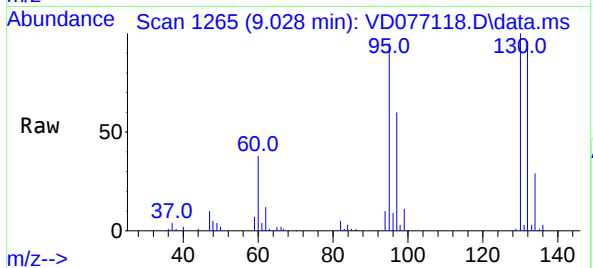
Tgt Ion: 78 Resp: 363919





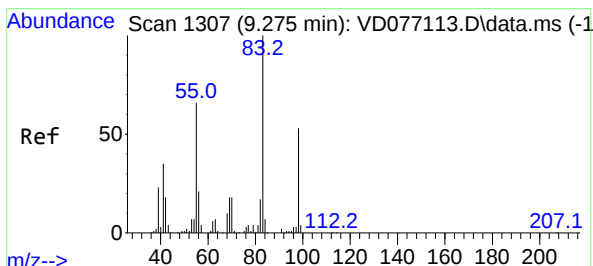
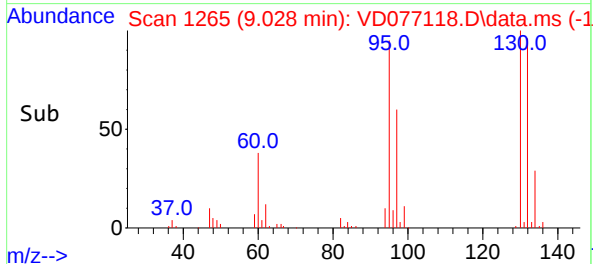
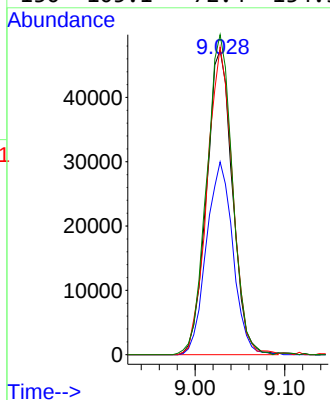
#34
Trichloroethene
Concen: 21.052 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 94725

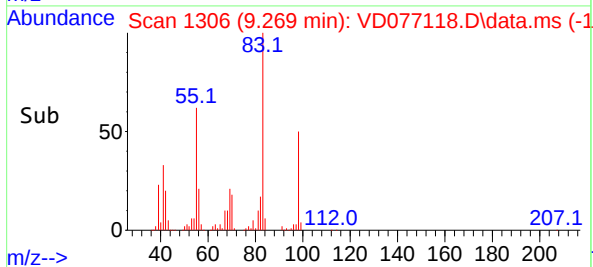
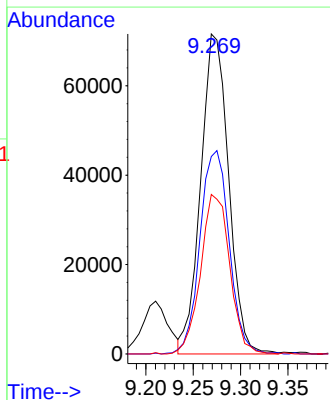
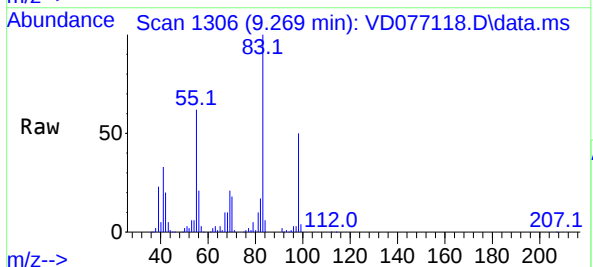
Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.4	86.2
132	101.1	70.1	130.1
130	105.1	72.4	134.5

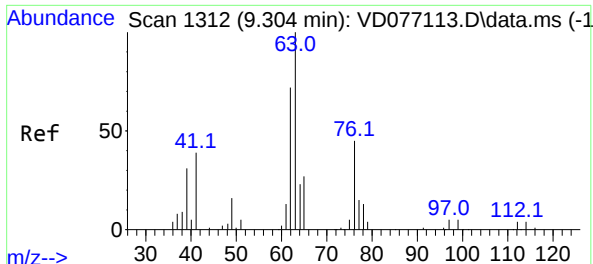


#35
Methylcyclohexane
Concen: 21.147 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 83 Resp: 146738

Ion	Ratio	Lower	Upper
83	100		
55	66.4	51.5	77.3
98	52.1	40.7	61.1

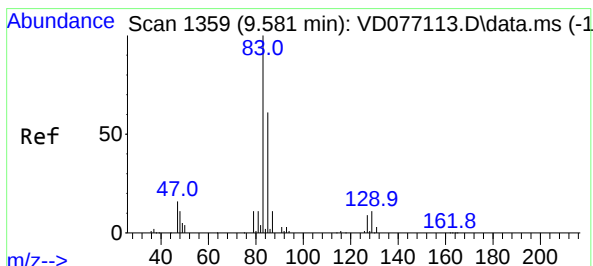
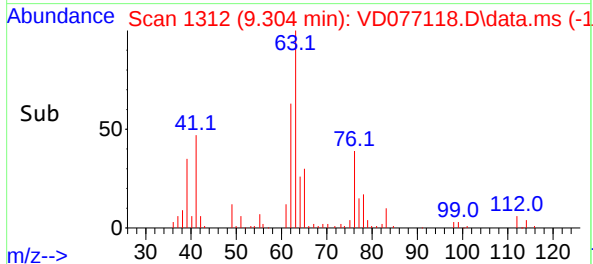
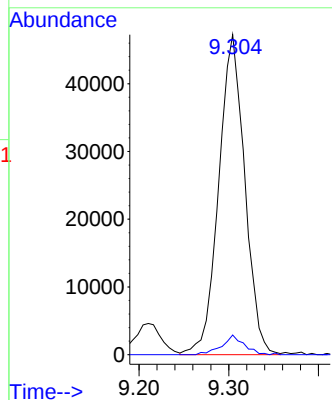
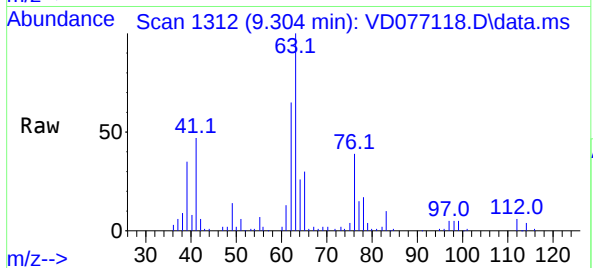




#37
1,2-Dichloropropane
Concen: 22.252 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

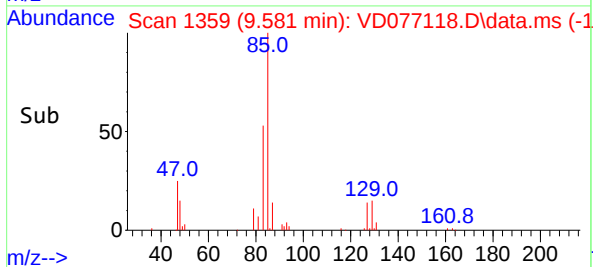
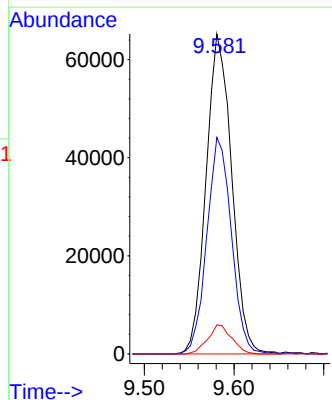
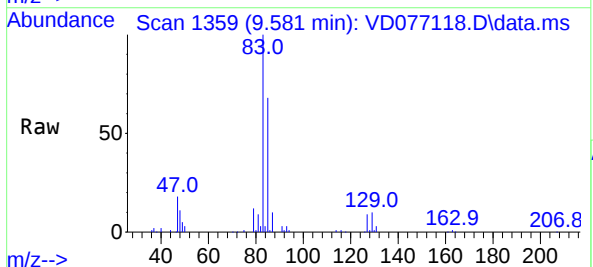
Instrument :
MSVOA_D
ClientSampleId :

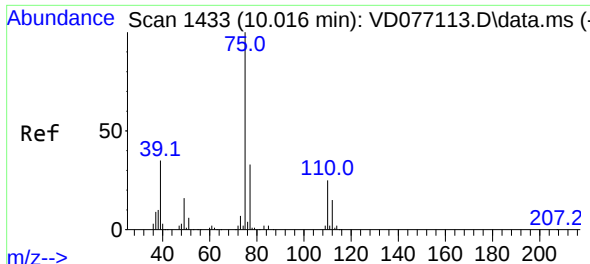
Tgt Ion: 63 Resp: 95239
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 21.902 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 83 Resp: 129329
Ion Ratio Lower Upper
83 100
85 67.7 44.0 81.6
127 9.1 7.5 11.3

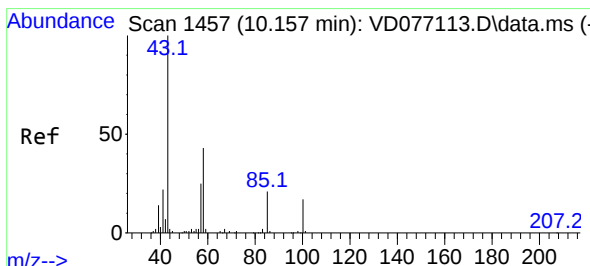
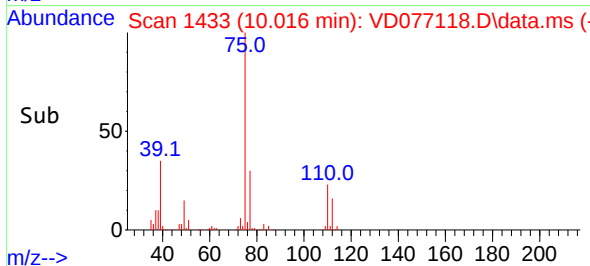
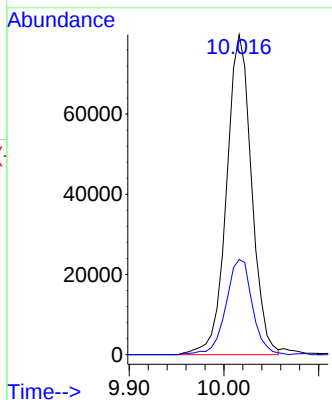
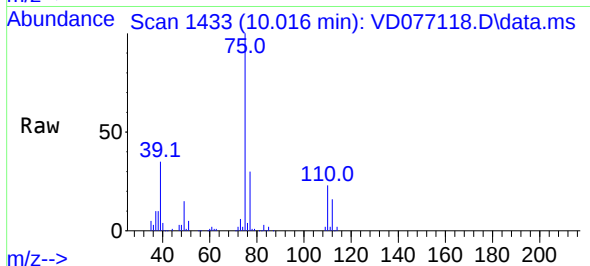




#39
 cis-1,3-Dichloropropene
 Concen: 21.530 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077118.D
 Acq: 14 Sep 2023 13:33

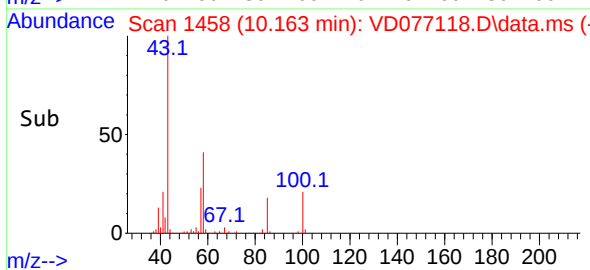
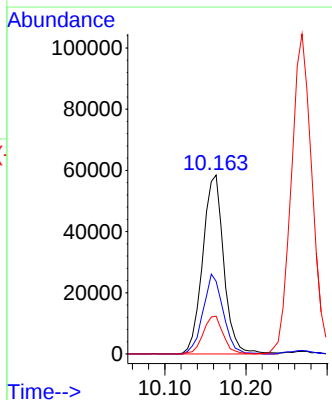
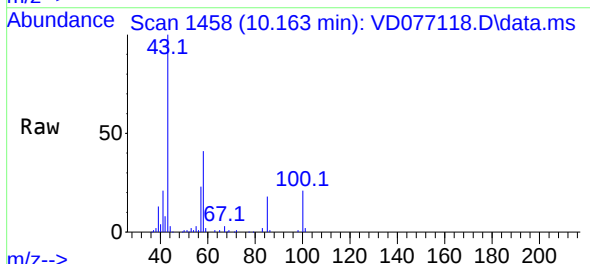
Instrument :
 MSVOA_D
 ClientSampleId :

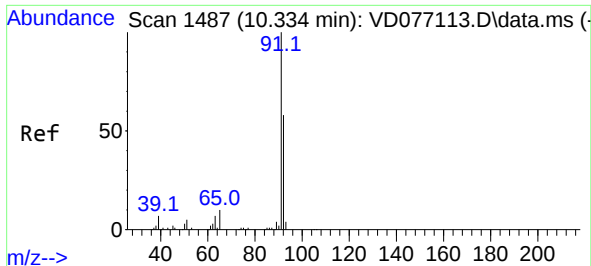
Tgt Ion: 75 Resp: 146511
 Ion Ratio Lower Upper
 75 100
 77 29.8 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 44.828 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD077118.D
 Acq: 14 Sep 2023 13:33

Tgt Ion: 43 Resp: 105451
 Ion Ratio Lower Upper
 43 100
 58 42.4 34.6 51.8
 100 20.0 16.2 24.4

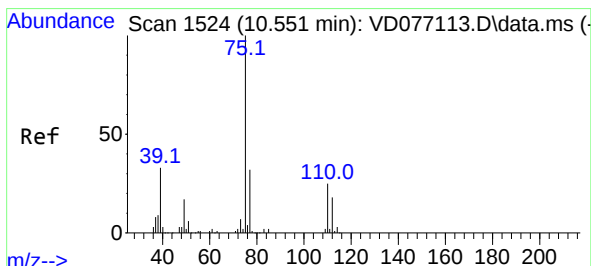
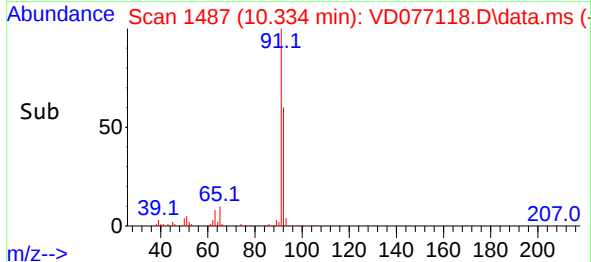
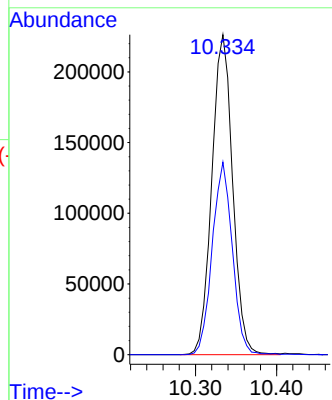
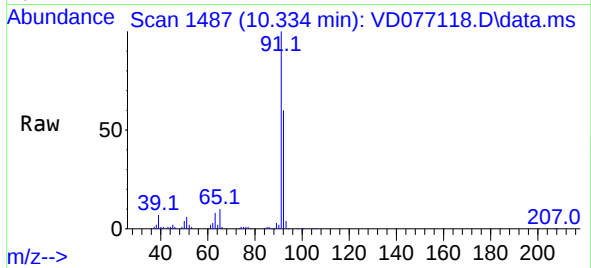




#42
Toluene
Concen: 21.933 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

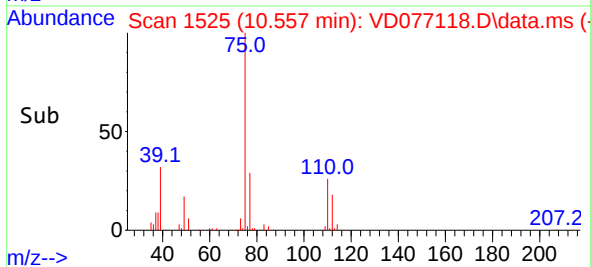
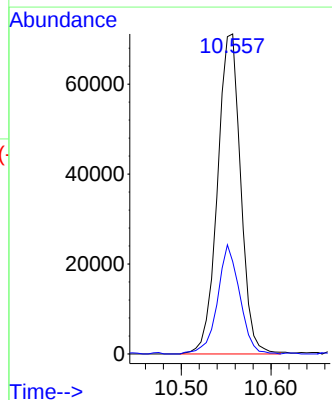
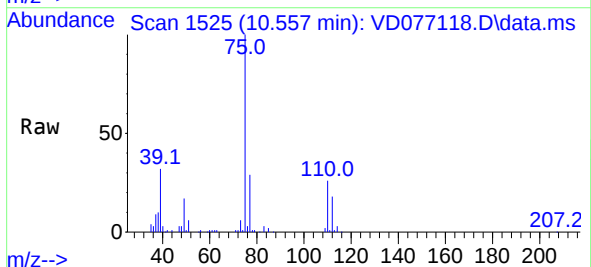
Instrument :
MSVOA_D
ClientSampleId :

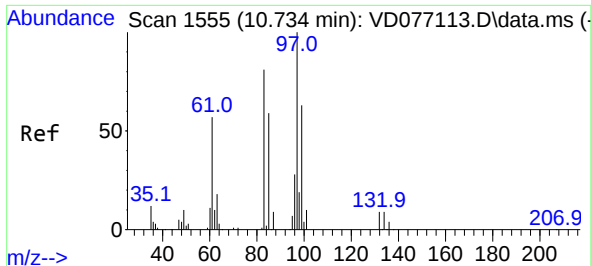
Tgt Ion: 91 Resp: 403132
Ion Ratio Lower Upper
91 100
92 60.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 21.938 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

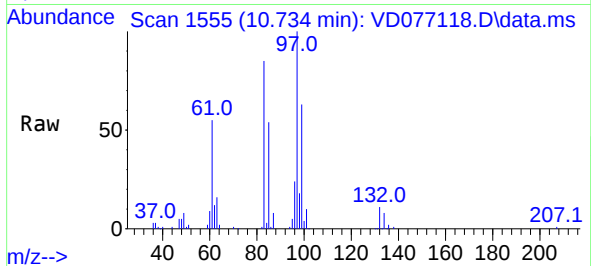
Tgt Ion: 75 Resp: 127630
Ion Ratio Lower Upper
75 100
77 28.9 22.5 41.9





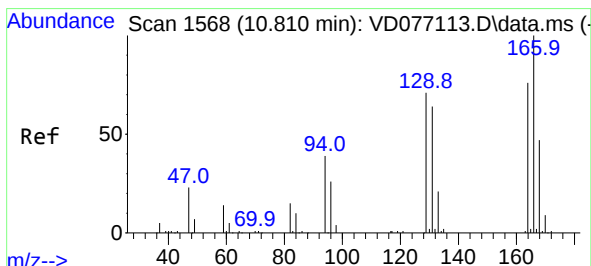
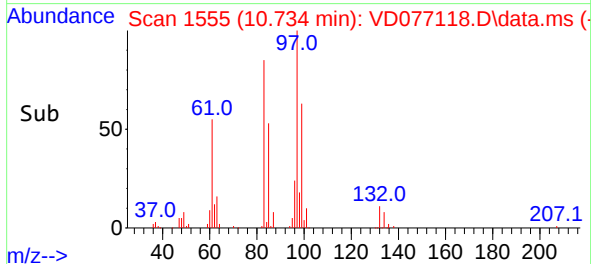
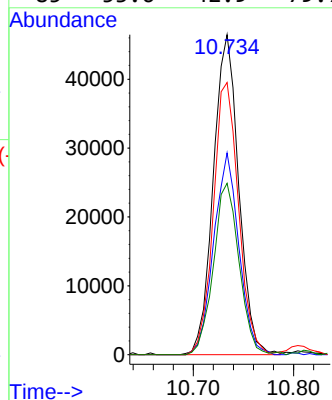
#45
1,1,2-Trichloroethane
Concen: 22.550 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 81675

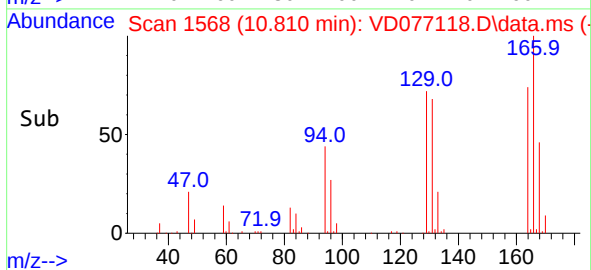
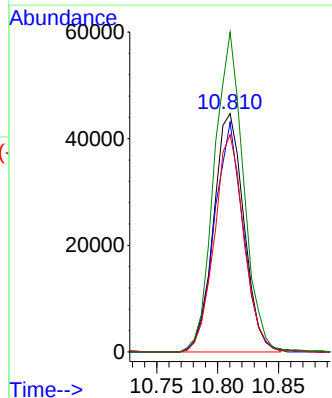
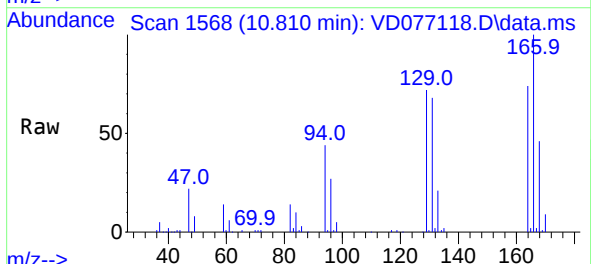
Ion	Ratio	Lower	Upper
97	100		
99	63.1	46.1	85.5
83	85.1	64.3	119.3
85	53.6	42.9	79.7

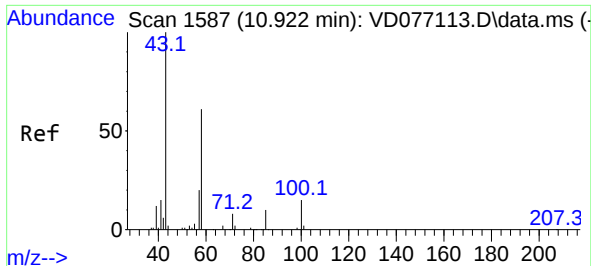


#46
Tetrachloroethene
Concen: 21.125 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 164 Resp: 77707

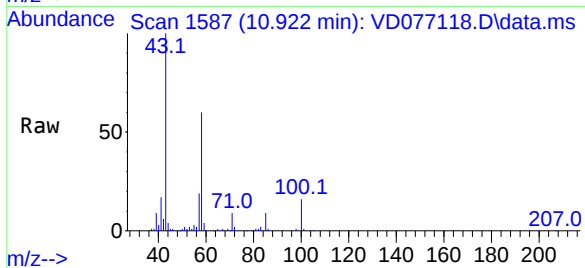
Ion	Ratio	Lower	Upper
164	100		
129	96.4	66.4	123.4
131	91.2	62.6	116.3
166	134.3	89.6	166.4



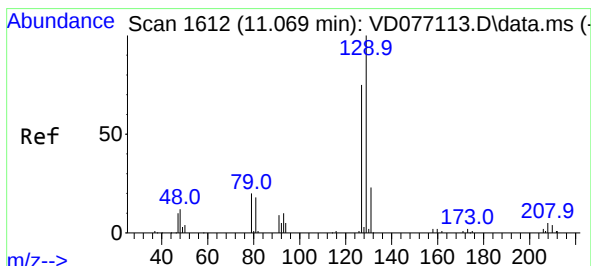
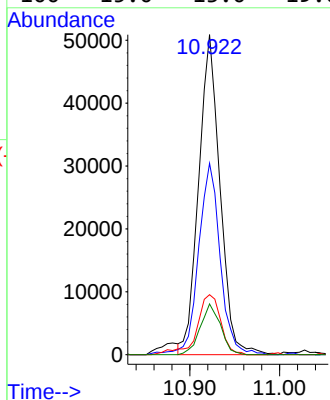
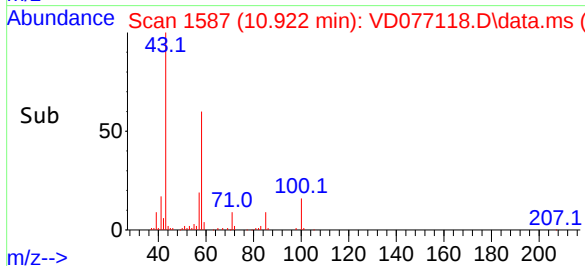


#48
2-Hexanone
Concen: 46.337 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :

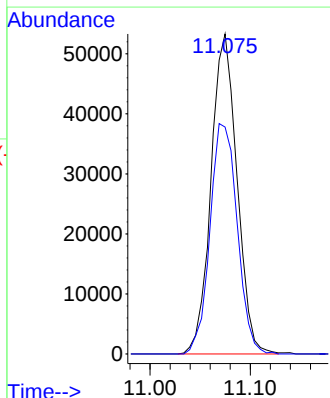
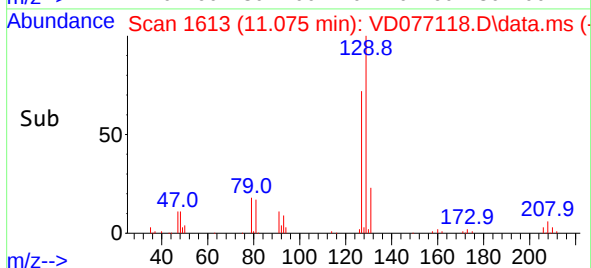
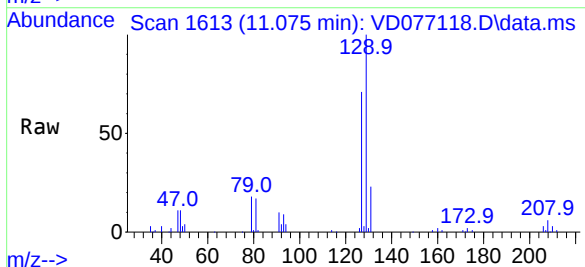


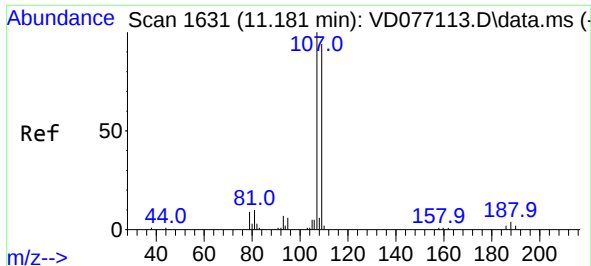
Tgt Ion: 43 Resp: 84057
Ion Ratio Lower Upper
43 100
58 60.5 50.6 75.8
57 19.3 16.6 24.8
100 15.0 13.0 19.6



#49
Dibromochloromethane
Concen: 22.680 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 129 Resp: 95941
Ion Ratio Lower Upper
129 100
127 70.9 56.6 105.2

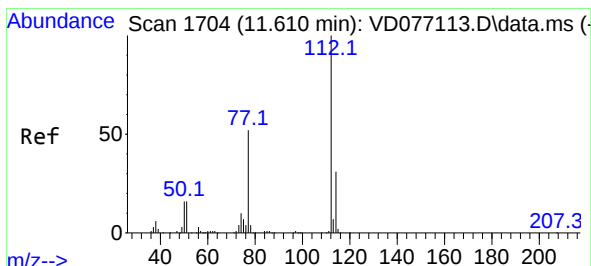
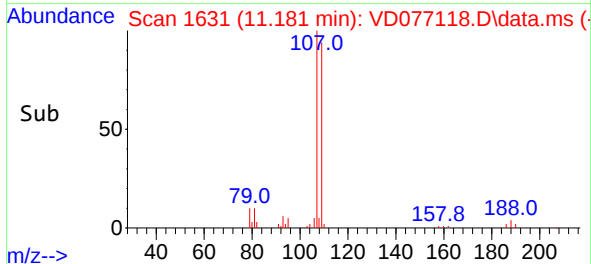
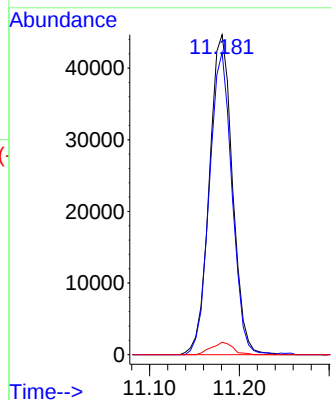
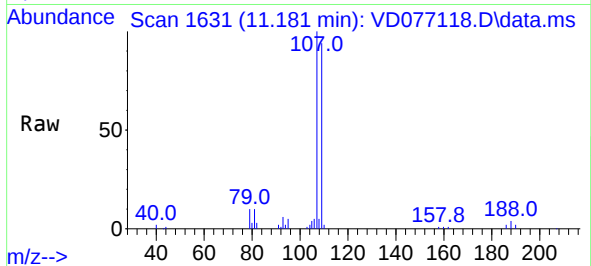




#50
1,2-Dibromoethane
Concen: 22.336 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

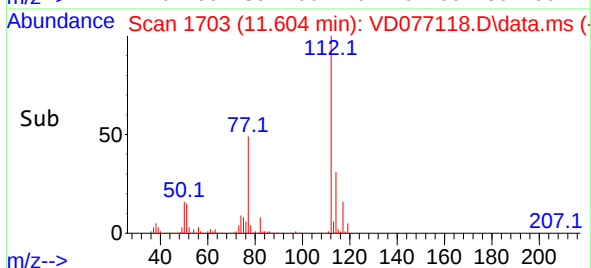
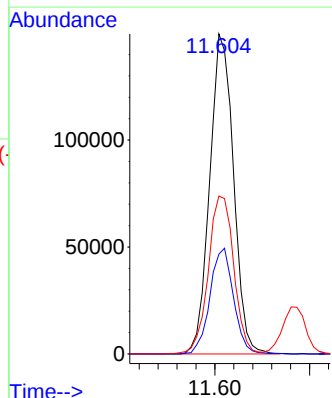
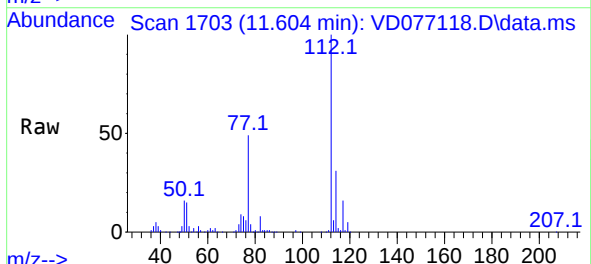
Instrument :
MSVOA_D
ClientSampleId :

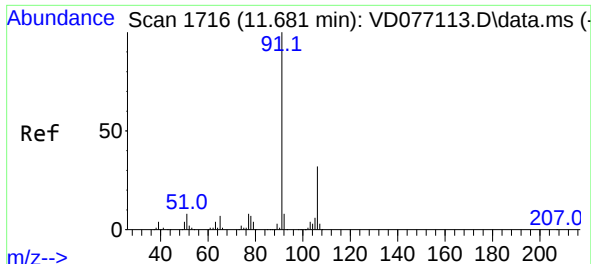
Tgt Ion:	107	Resp:	79920
Ion	Ratio	Lower	Upper
107	100		
109	94.4	62.4	116.0
188	3.9	3.0	4.4



#51
Chlorobenzene
Concen: 21.244 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion:	112	Resp:	261083
Ion	Ratio	Lower	Upper
112	100		
114	31.2	21.0	39.0
77	49.4	41.0	61.4

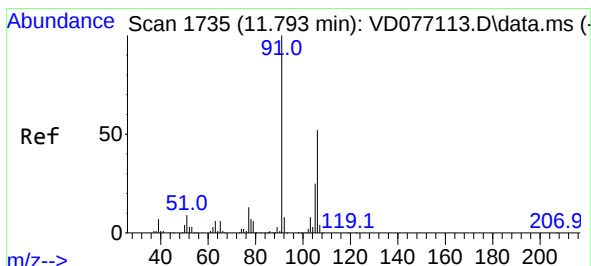
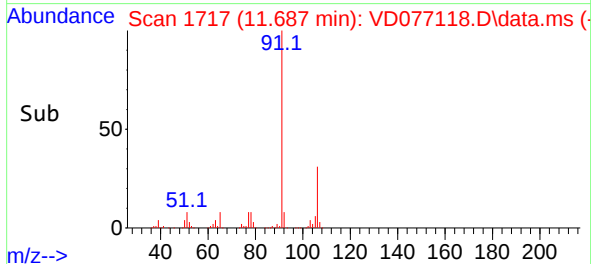
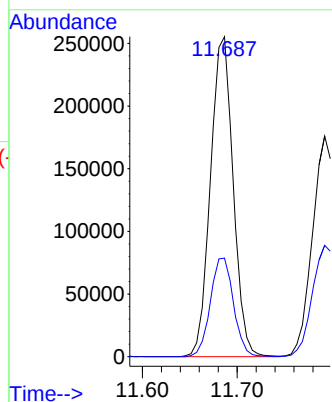
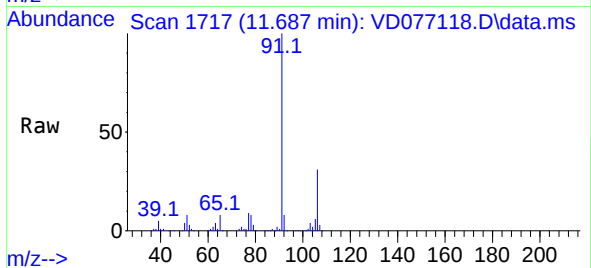




#52
Ethylbenzene
Concen: 21.357 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

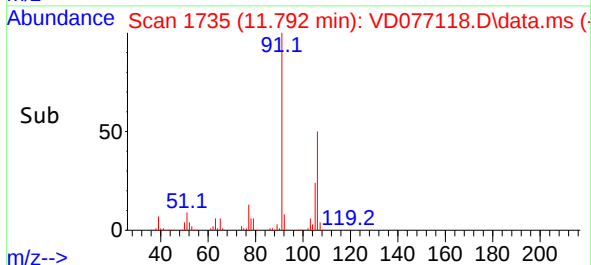
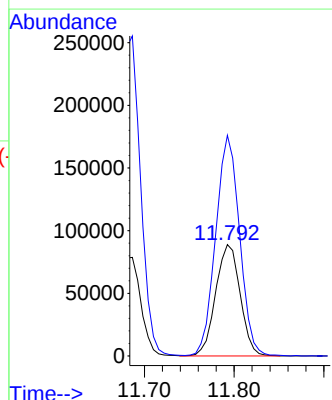
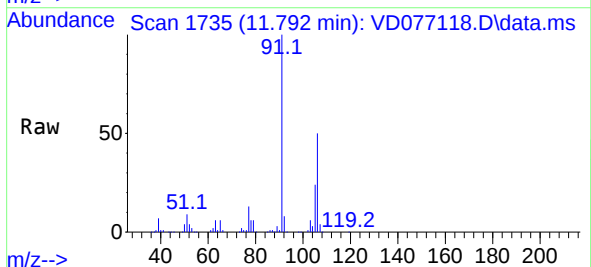
Instrument :
MSVOA_D
ClientSampleId :

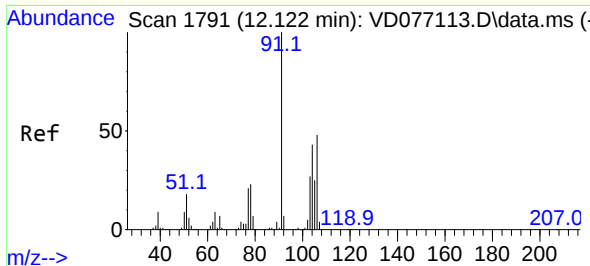
Tgt Ion: 91 Resp: 424816
Ion Ratio Lower Upper
91 100
106 30.8 22.1 41.1



#53
m,p-Xylene
Concen: 21.916 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 106 Resp: 168331
Ion Ratio Lower Upper
106 100
91 198.2 138.2 256.6

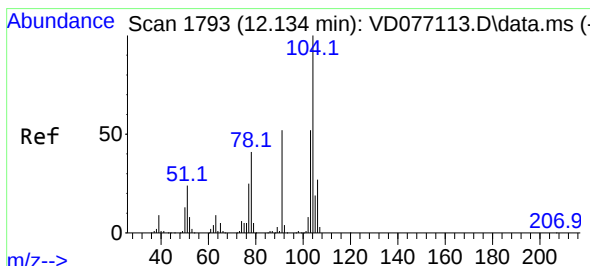
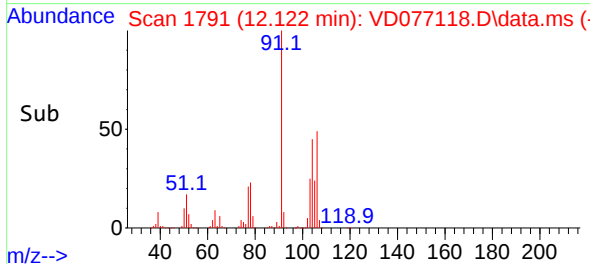
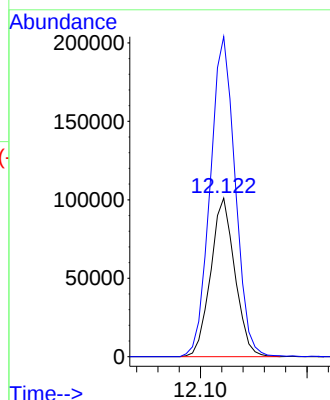
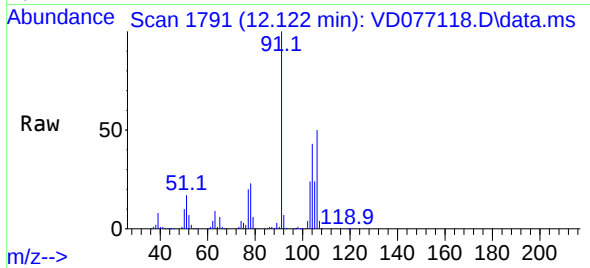




#54
o-Xylene
Concen: 21.513 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

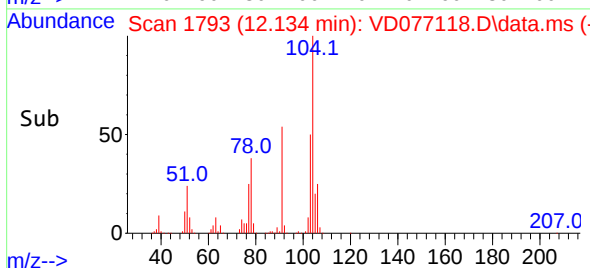
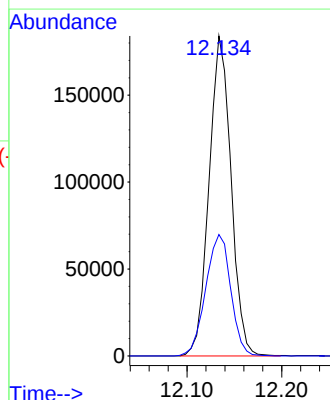
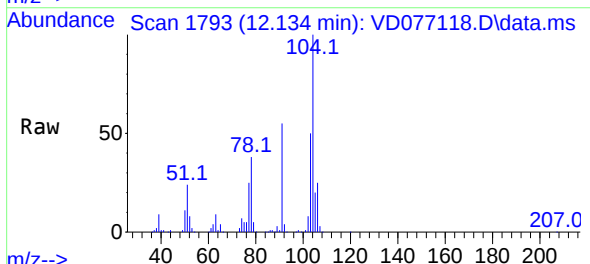
Instrument :
MSVOA_D
ClientSampleId :

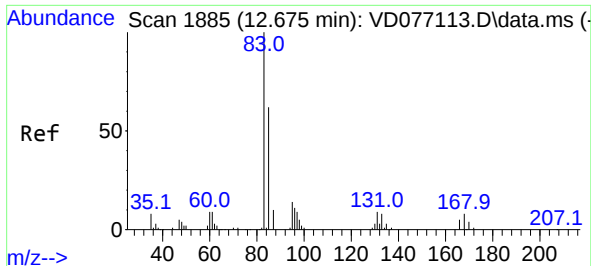
Tgt Ion:106 Resp: 159498
Ion Ratio Lower Upper
106 100
91 201.9 146.9 272.7



#55
Styrene
Concen: 22.441 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion:104 Resp: 297333
Ion Ratio Lower Upper
104 100
78 37.9 27.8 51.6

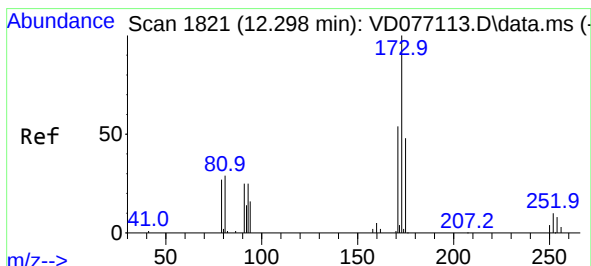
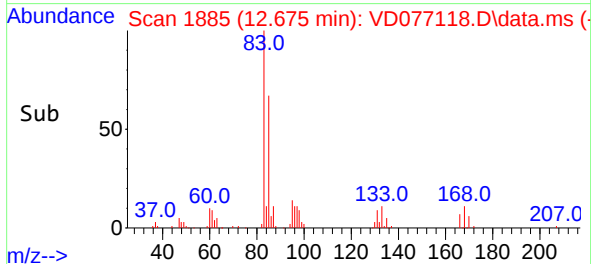
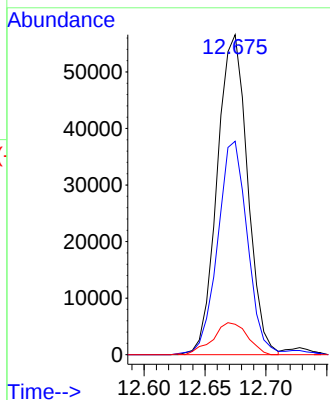
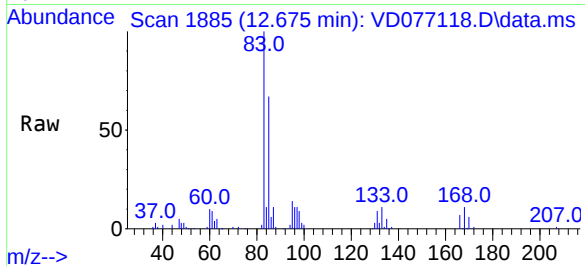




#57
1,1,2,2-Tetrachloroethane
Concen: 23.024 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

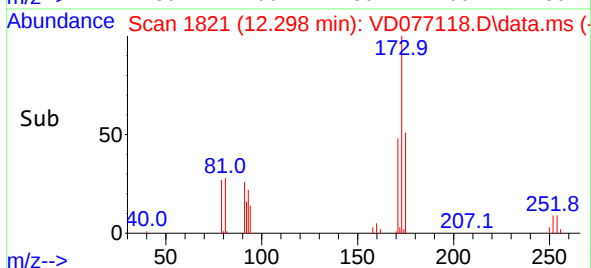
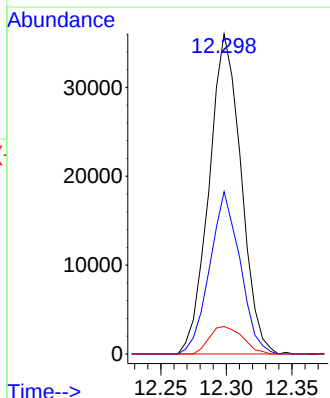
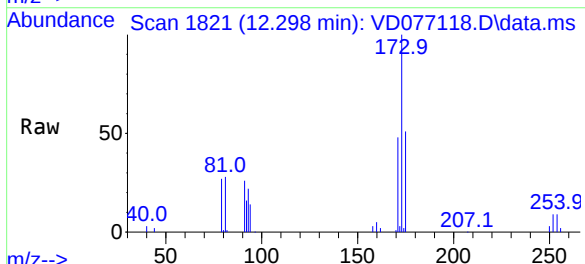
Instrument :
MSVOA_D
ClientSampleId :

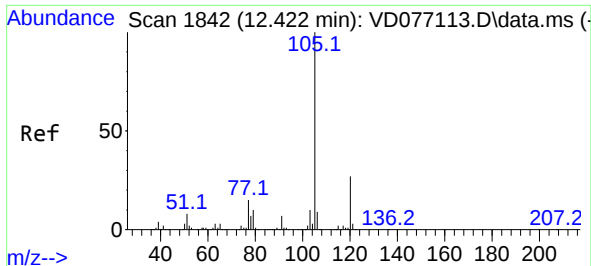
Tgt Ion:	83	Resp:	98081
Ion	Ratio	Lower	Upper
83	100		
85	66.7	43.6	81.0
131	9.5	7.8	11.8



#59
Bromoform
Concen: 21.227 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

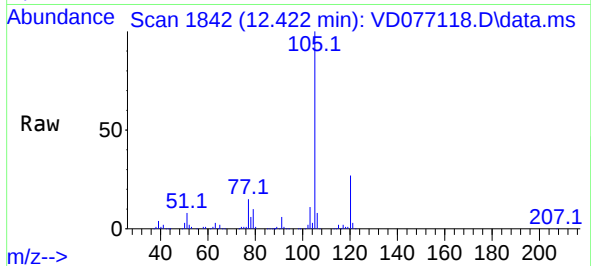
Tgt Ion:	173	Resp:	61036
Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.7	58.1
254	8.9	7.0	10.6



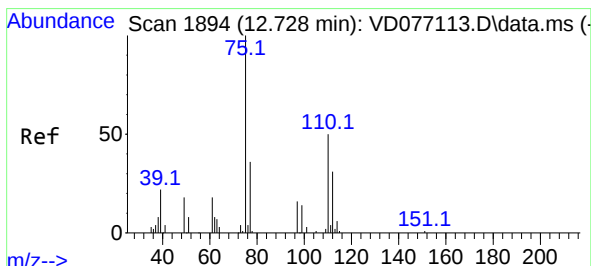
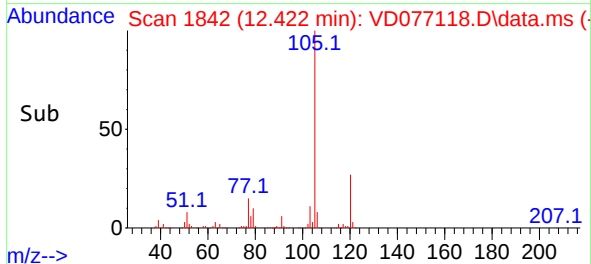
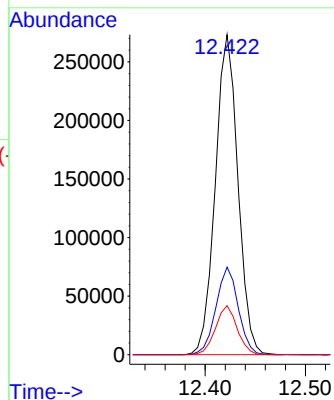


#60
Isopropylbenzene
Concen: 20.803 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :

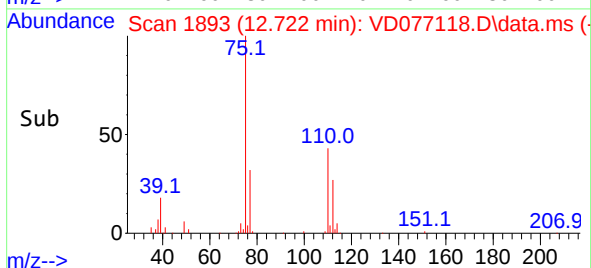
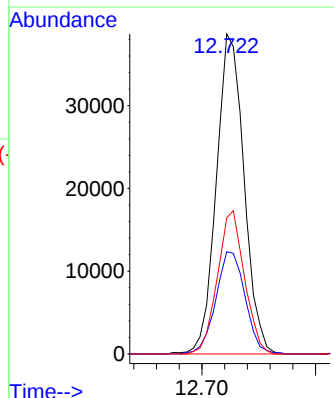
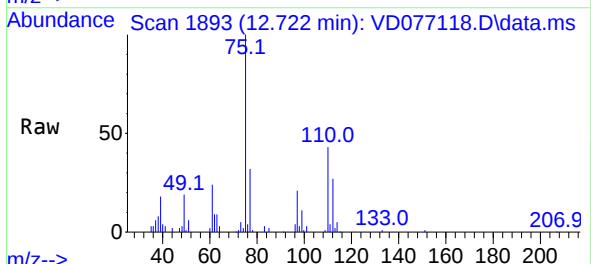


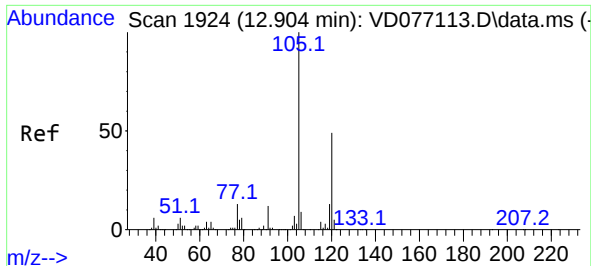
Tgt Ion:105 Resp: 427451
Ion Ratio Lower Upper
105 100
120 27.0 21.8 32.6
77 14.7 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 21.499 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion: 75 Resp: 65421
Ion Ratio Lower Upper
75 100
77 33.9 26.6 40.0
110 43.7 33.6 50.4

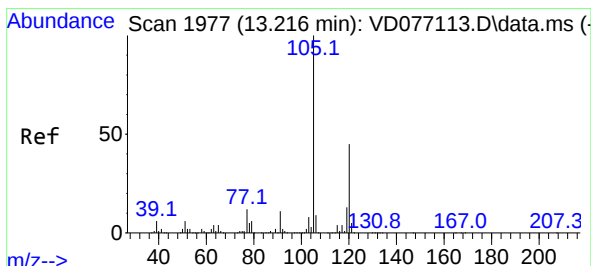
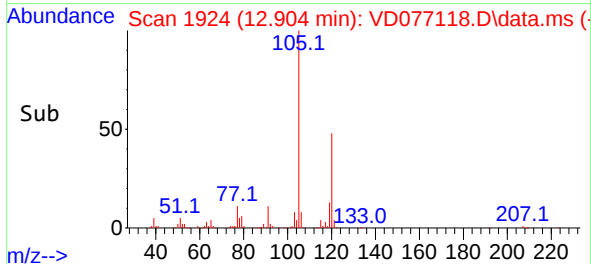
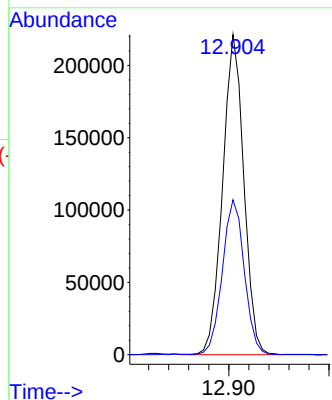
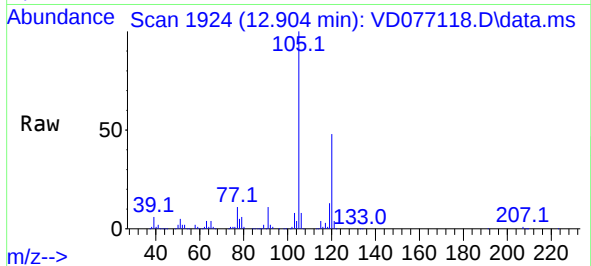




#62
1,3,5-Trimethylbenzene
Concen: 20.453 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

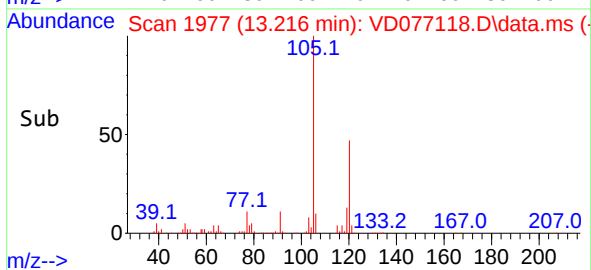
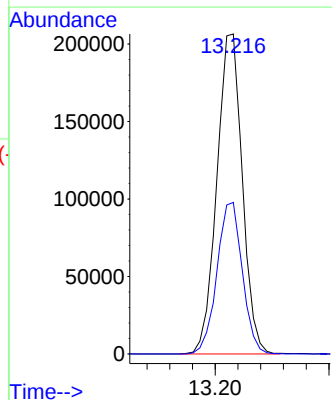
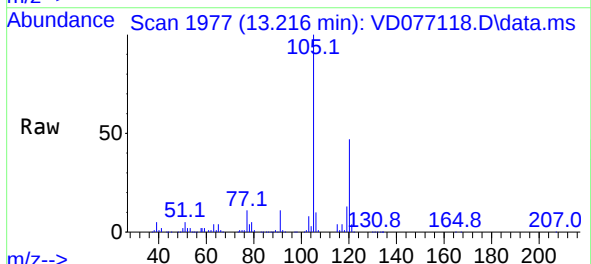
Instrument :
MSVOA_D
ClientSampleId :

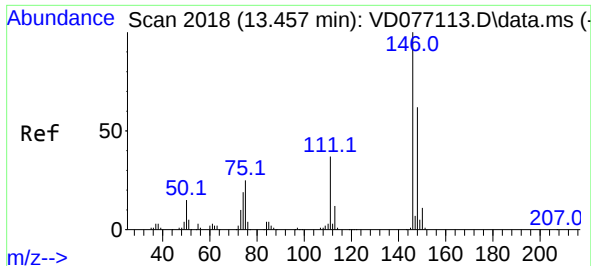
Tgt Ion:105 Resp: 325053
Ion Ratio Lower Upper
105 100
120 50.0 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 20.634 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

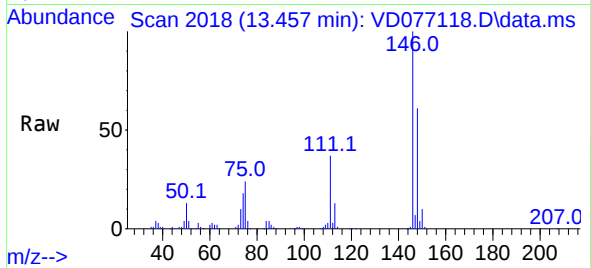
Tgt Ion:105 Resp: 321266
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.8



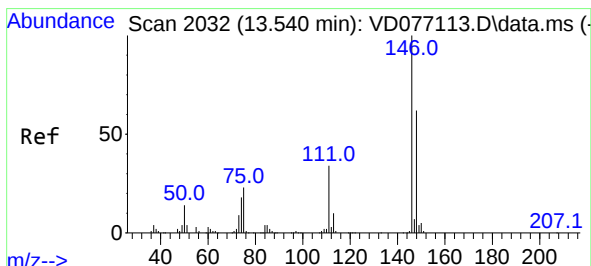
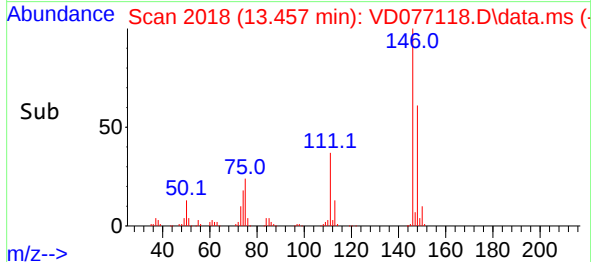
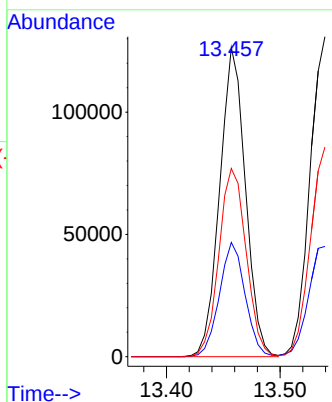


#64
1,3-Dichlorobenzene
Concen: 20.370 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :

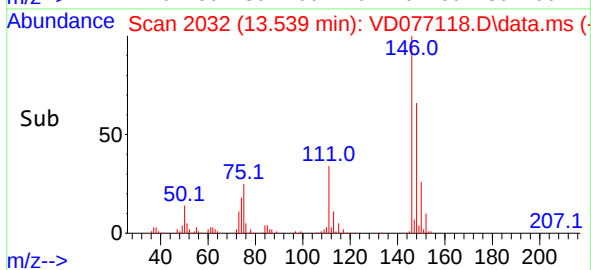
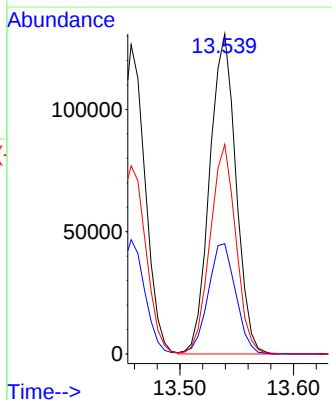
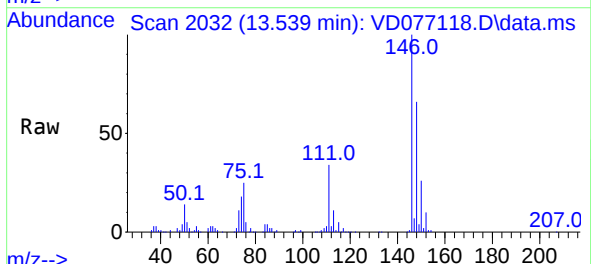


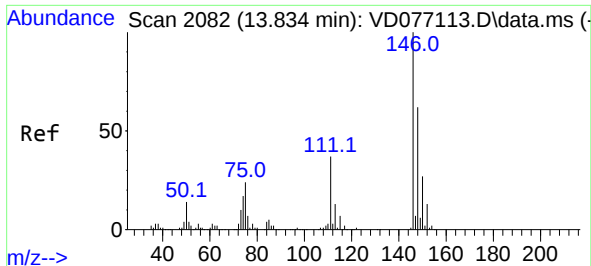
Tgt Ion:146 Resp: 199413
Ion Ratio Lower Upper
146 100
111 36.9 25.2 46.8
148 60.8 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 20.604 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion:146 Resp: 210713
Ion Ratio Lower Upper
146 100
111 34.5 25.5 47.3
148 65.5 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 20.370 ug/L

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :

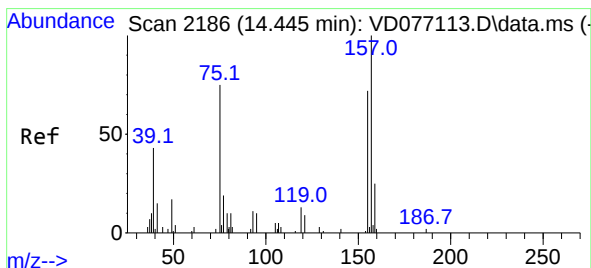
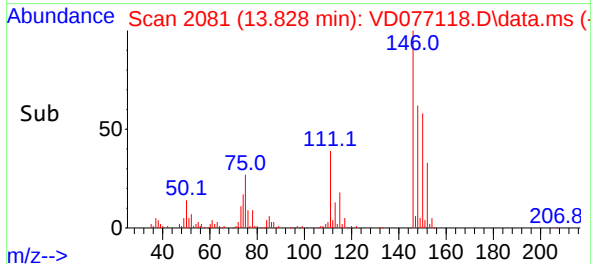
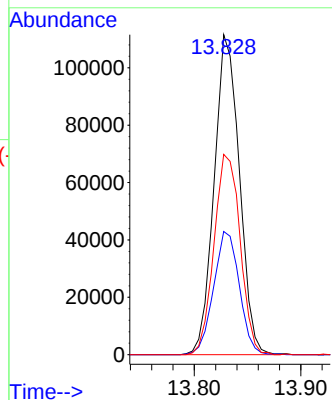
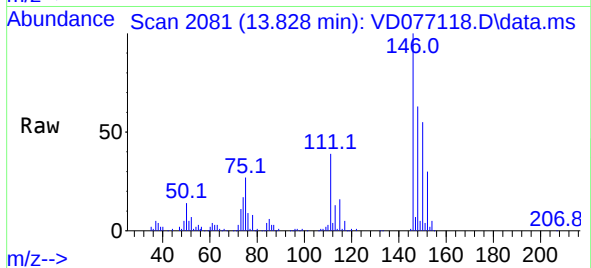
Tgt Ion:146 Resp: 183403

Ion Ratio Lower Upper

146 100

111 38.5 31.8 47.6

148 62.6 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 21.479 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

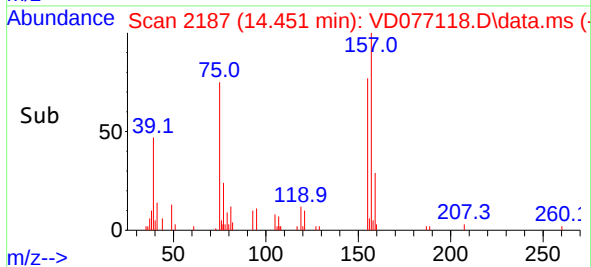
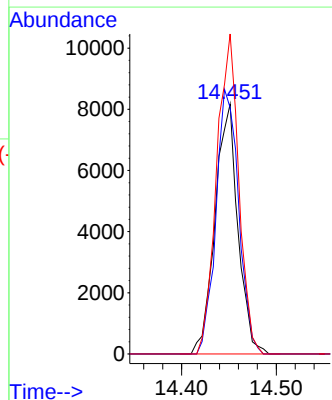
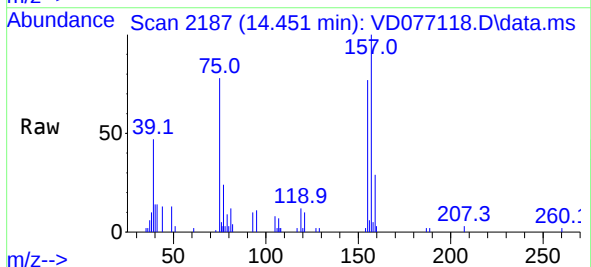
Tgt Ion: 75 Resp: 13670

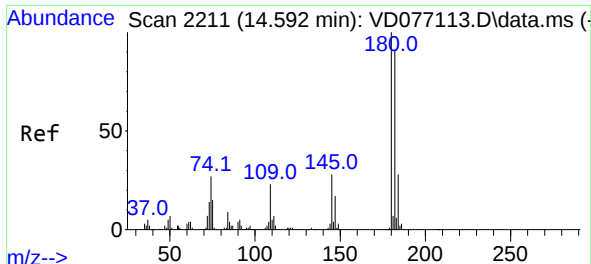
Ion Ratio Lower Upper

75 100

155 98.6 79.0 118.6

157 128.1 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 19.962 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

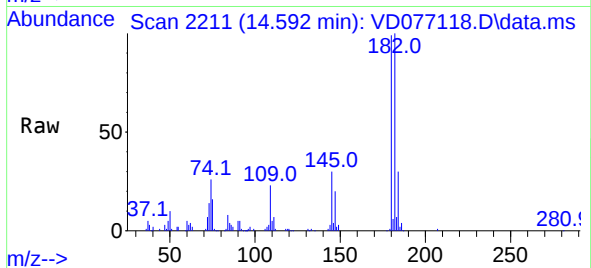
Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 128777

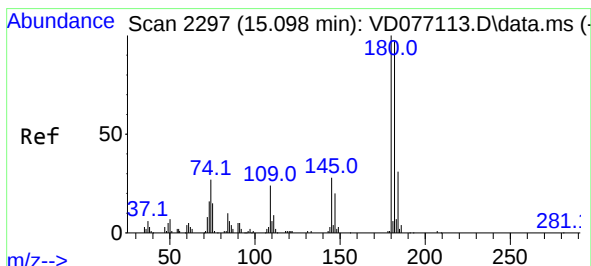
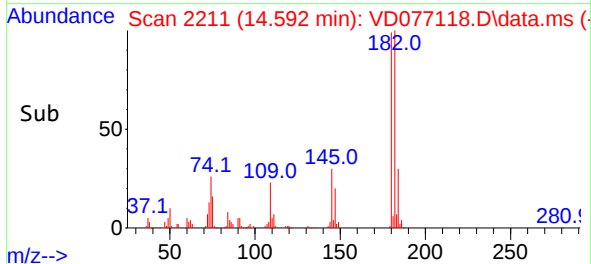
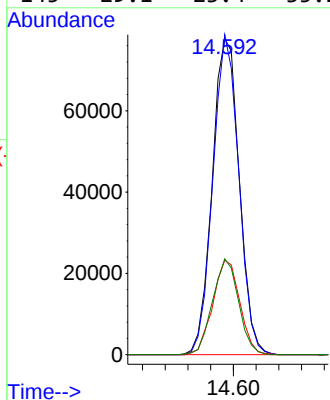
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 29.8 24.2 36.2

145 29.1 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 19.744 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077118.D

Acq: 14 Sep 2023 13:33

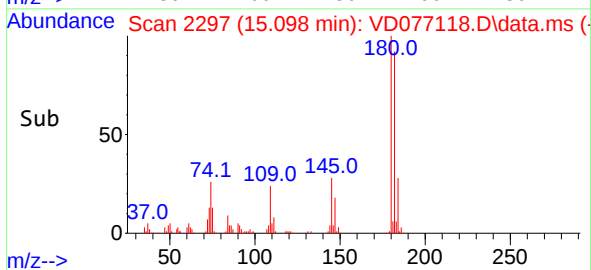
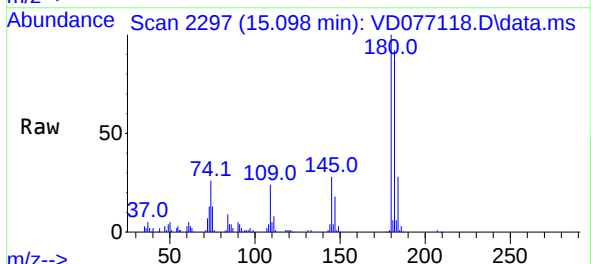
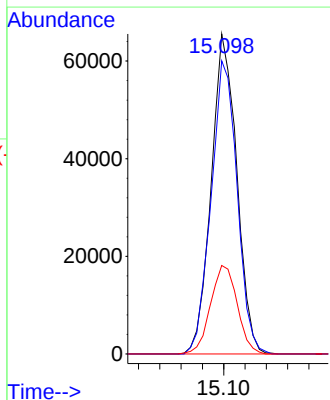
Tgt Ion:180 Resp: 109013

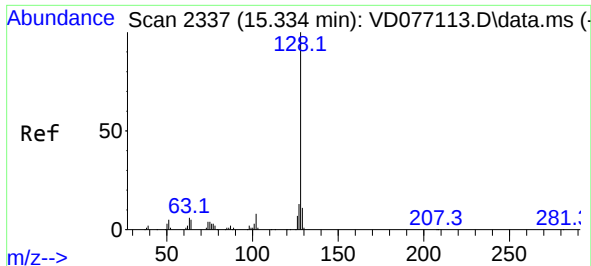
Ion Ratio Lower Upper

180 100

182 93.5 76.3 114.5

145 29.0 23.8 35.8

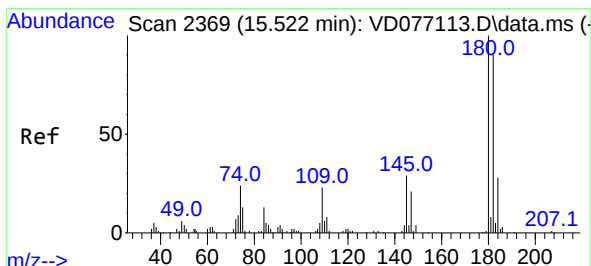
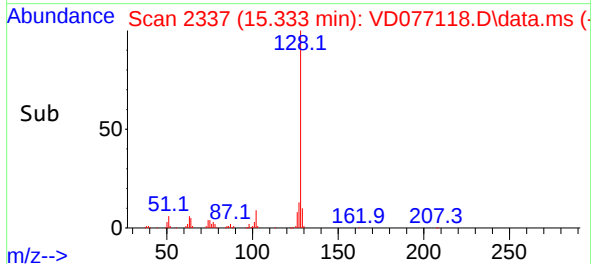
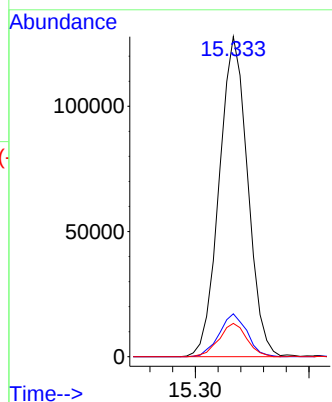
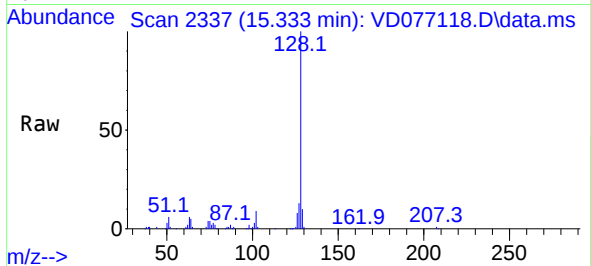




#71
Naphthalene
Concen: 20.135 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 222251
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.2 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 20.562 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077118.D
Acq: 14 Sep 2023 13:33

Tgt Ion:180 Resp: 104277
Ion Ratio Lower Upper
180 100
182 94.1 76.6 115.0
145 30.0 25.4 38.2

