

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091323\
 Data File : VD077100.D
 Acq On : 13 Sep 2023 10:07
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 14 01:24:48 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	289912	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	301497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	168005	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	157502	22.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.200%
7) Chloroethane-d5	2.799	69	136430	23.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.880%
11) 1,1-Dichloroethene-d2	3.916	65	35126	21.646	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.600%
21) 2-Butanone-d5	6.987	46	47115	52.354	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.700%
24) Chloroform-d	7.563	84	202273	25.498	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	8.228	65	100187	26.646	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	8.199	84	394472	23.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.760%
36) 1,2-Dichloropropane-d6	9.210	67	115108	24.104	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.400%
41) Toluene-d8	10.269	98	366269	24.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.120%
43) trans-1,3-Dichloroprop...	10.528	79	48701	22.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.520%
47) 2-Hexanone-d5	10.875	63	37844	49.618	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.240%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115281	27.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.320%
66) 1,2-Dichlorobenzene-d4	13.816	152	127375	23.621	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	86004	23.133	ug/L	97
3) Chloromethane	2.146	50	163705	25.948	ug/L	99
5) Vinyl chloride	2.281	62	178895	24.173	ug/L	97
6) Bromomethane	2.687	94	120051	23.221	ug/L	97
8) Chloroethane	2.834	64	124305	25.594	ug/L	95
9) Trichlorofluoromethane	3.169	101	160458	22.929	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	103543	24.189	ug/L	99
12) 1,1-Dichloroethene	3.940	96	88509	22.735	ug/L	88
13) Acetone	4.016	43	77164	59.771	ug/L	99
14) Carbon disulfide	4.263	76	294437	23.363	ug/L	99
15) Methyl Acetate	4.563	43	47705	27.626	ug/L #	87
16) Methylene chloride	4.799	84	153877	26.079	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	107230	25.298	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	245939	26.866	ug/L	99
19) 1,1-Dichloroethane	6.105	63	183550	25.682	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	124835	25.724	ug/L	99
22) 2-Butanone	7.081	43	88398	56.758	ug/L	99
23) Bromochloromethane	7.428	128	62751	27.095	ug/L	94
25) Chloroform	7.593	83	212608	26.641	ug/L	96

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 Response via : Initial Calibration

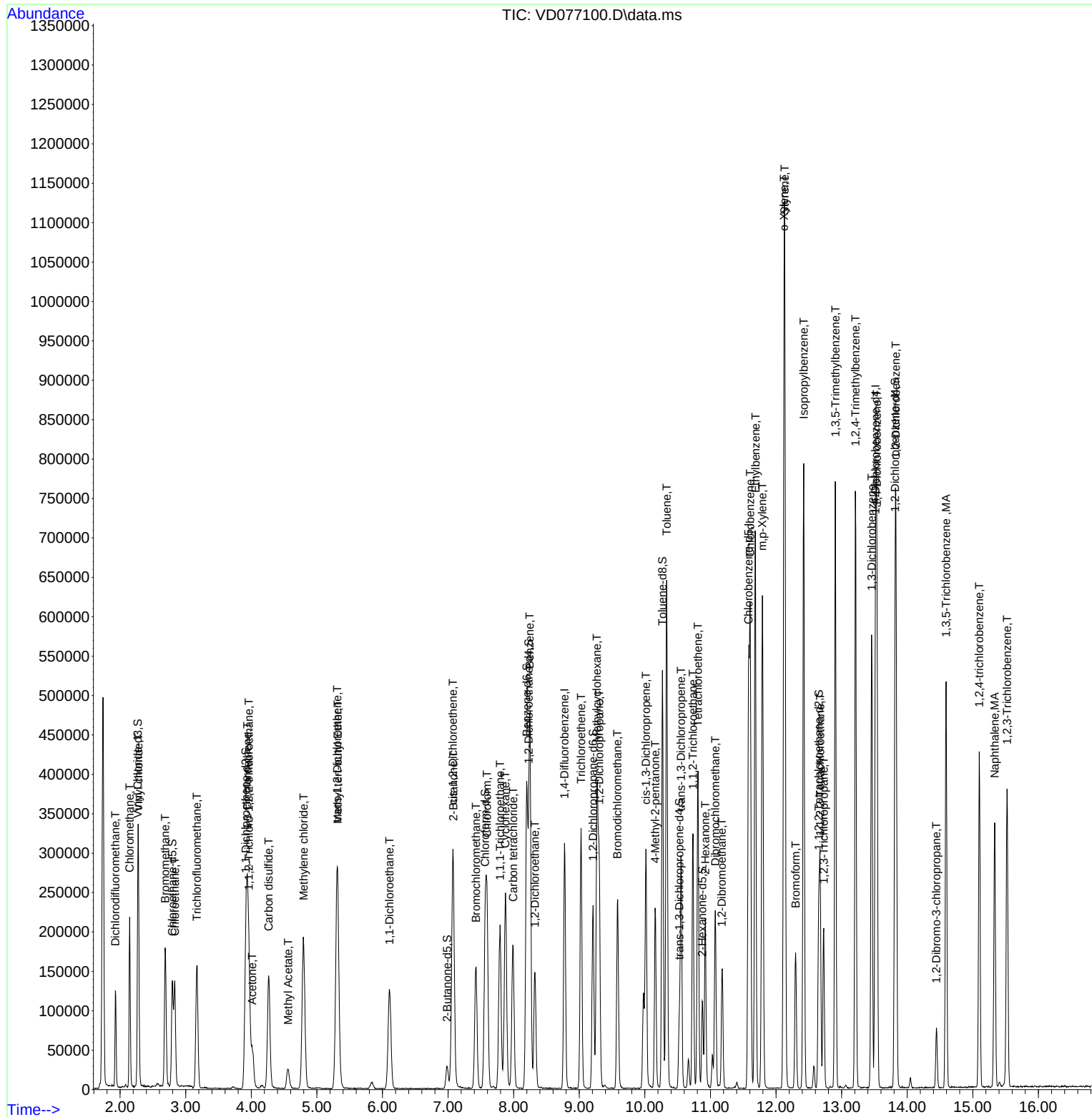
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27) 1,2-Dichloroethane	8.322	62	131329	27.477	ug/L	97
29) Cyclohexane	7.875	56	124482	21.956	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	172939	24.538	ug/L	99
31) Carbon tetrachloride	7.993	117	145166	24.349	ug/L	99
33) Benzene	8.246	78	452864	25.005	ug/L	100
34) Trichloroethene	9.028	95	113621	23.659	ug/L	97
35) Methylcyclohexane	9.269	83	164946	22.272	ug/L	99
37) 1,2-Dichloropropane	9.304	63	115939	25.380	ug/L	99
38) Bromodichloromethane	9.581	83	161618	25.644	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	186425	25.668	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	140868	56.108	ug/L	100
42) Toluene	10.334	91	494387	25.201	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	163655	26.356	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	104613	27.062	ug/L	95
46) Tetrachloroethene	10.810	164	93051	23.702	ug/L	97
48) 2-Hexanone	10.922	43	127246	65.722	ug/L	97
49) Dibromochloromethane	11.075	129	119666	26.504	ug/L	96
50) 1,2-Dibromoethane	11.175	107	103644	27.139	ug/L	98
51) Chlorobenzene	11.604	112	331082	25.240	ug/L	98
52) Ethylbenzene	11.687	91	523060	24.638	ug/L	100
53) m,p-Xylene	11.792	106	209303	25.532	ug/L	99
54) o-Xylene	12.122	106	201851	25.509	ug/L	100
55) Styrene	12.134	104	381635	26.987	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	126250	27.768	ug/L	96
59) Bromoform	12.298	173	80184	26.463	ug/L	98
60) Isopropylbenzene	12.422	105	516460	23.851	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	81879	25.533	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	404233	24.137	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	406807	24.793	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	249406	24.176	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	265400	24.626	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	234471	24.712	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	17272	25.753	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	163970	24.119	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	140070	24.073	ug/L	99
71) Naphthalene	15.333	128	297935	25.614	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	136312	25.507	ug/L	99

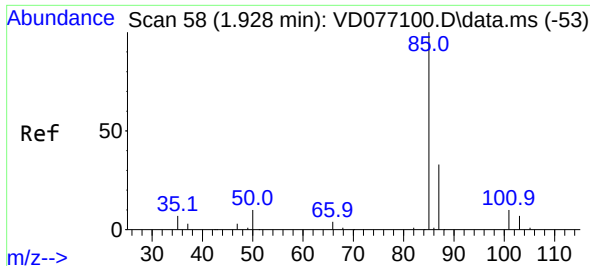
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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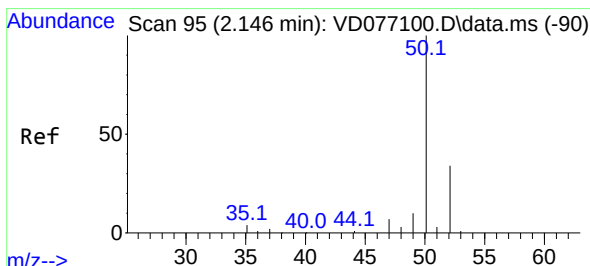
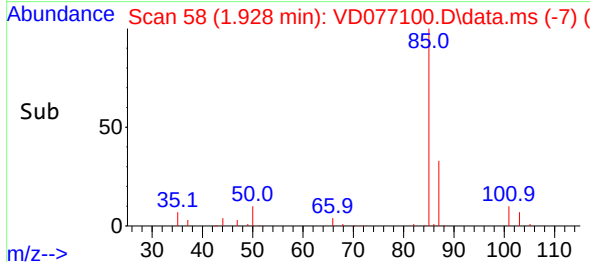
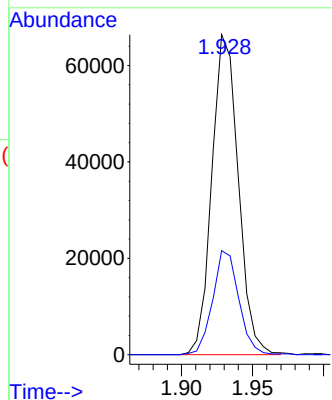
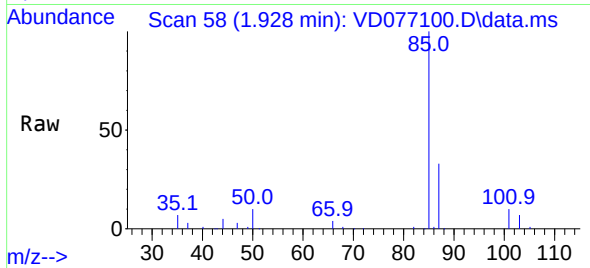




#2
 Dichlorodifluoromethane
 Concen: 23.133 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VD077100.D
 Acq: 13 Sep 2023 10:07

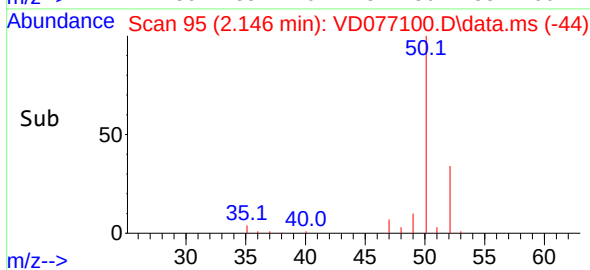
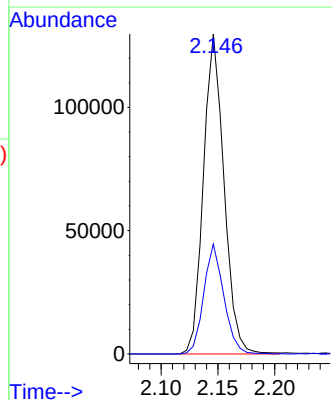
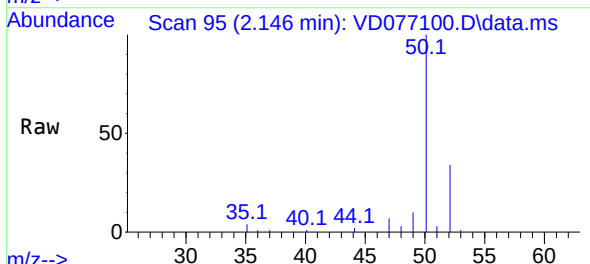
Instrument :
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 ClientSampleId :

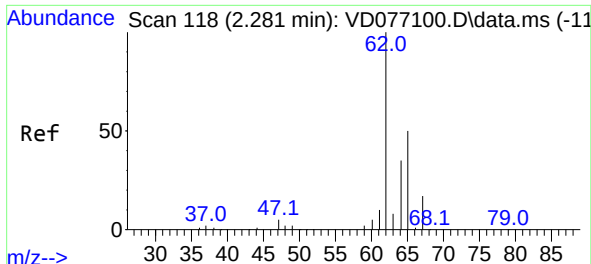
Tgt Ion: 85 Resp: 86004
 Ion Ratio Lower Upper
 85 100
 87 32.0 27.0 40.6



#3
 Chloromethane
 Concen: 25.948 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077100.D
 Acq: 13 Sep 2023 10:07

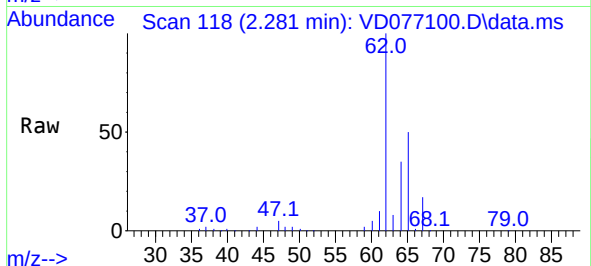
Tgt Ion: 50 Resp: 163705
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.5 43.7



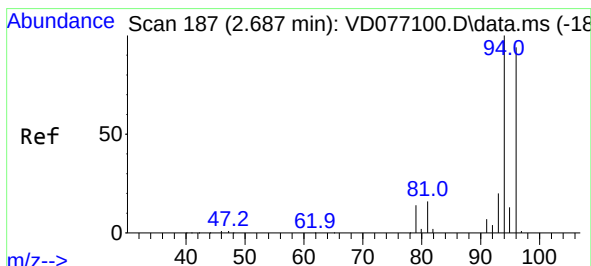
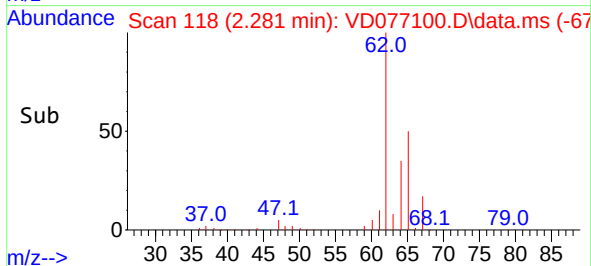
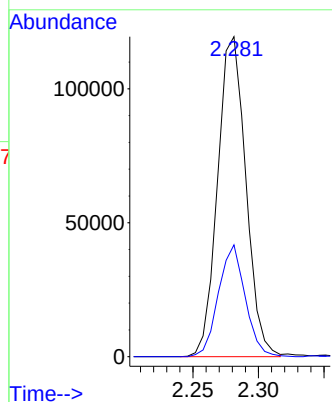


#5
 Vinyl chloride
 Concen: 24.173 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077100.D
 Acq: 13 Sep 2023 10:07

Instrument :
 MSVOA_D
 ClientSampleId :

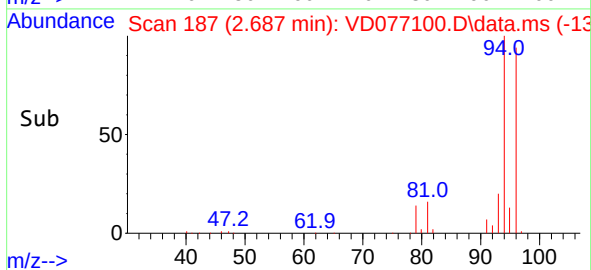
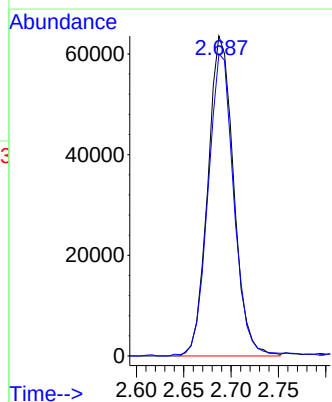
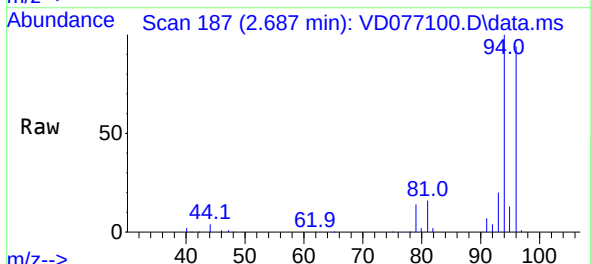


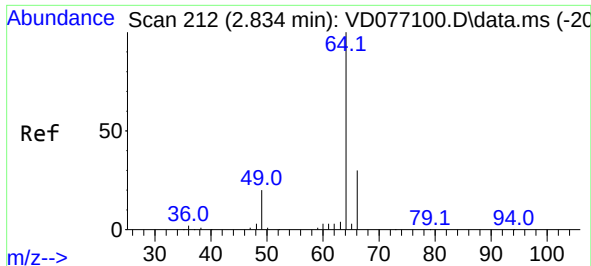
Tgt Ion: 62 Resp: 178895
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.2 43.2



#6
 Bromomethane
 Concen: 23.221 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077100.D
 Acq: 13 Sep 2023 10:07

Tgt Ion: 94 Resp: 120051
 Ion Ratio Lower Upper
 94 100
 96 94.4 68.2 126.6

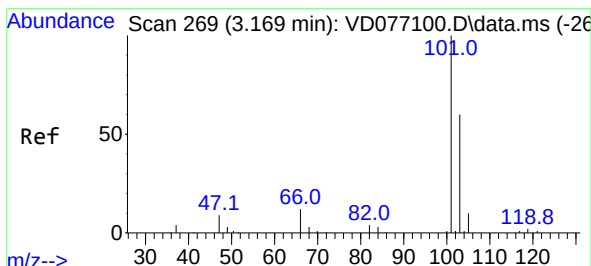
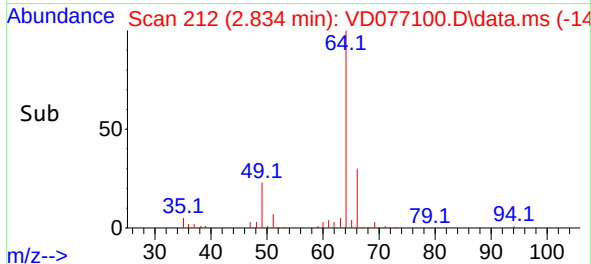
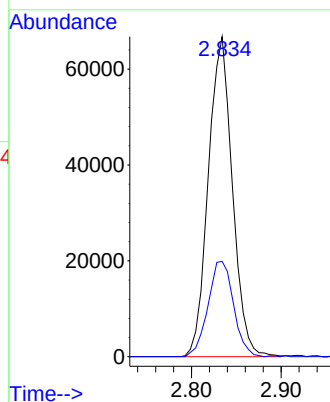
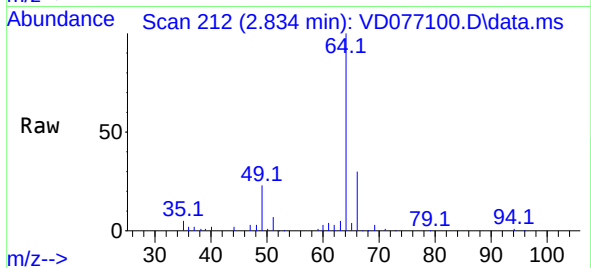




#8
Chloroethane
Concen: 25.594 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

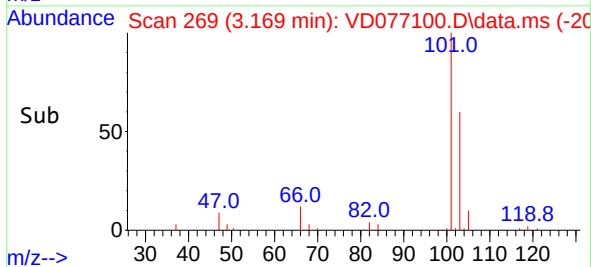
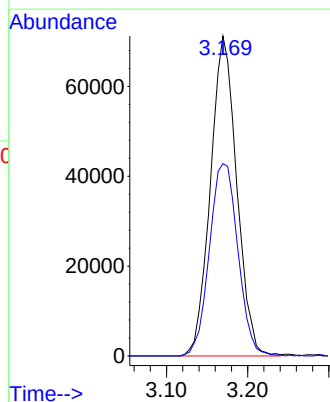
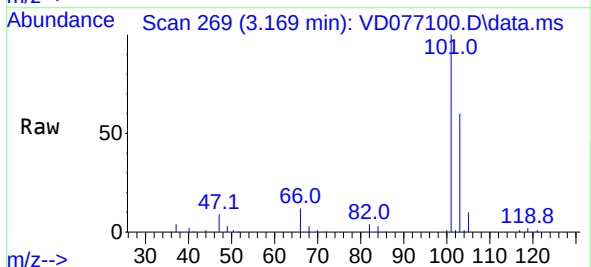
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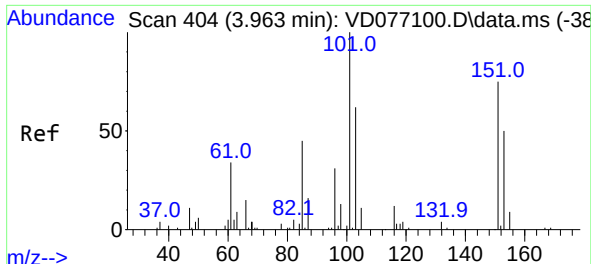
Tgt Ion: 64 Resp: 124305
Ion Ratio Lower Upper
64 100
66 29.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 22.929 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:101 Resp: 160458
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

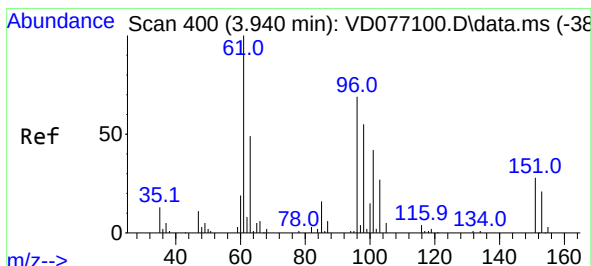
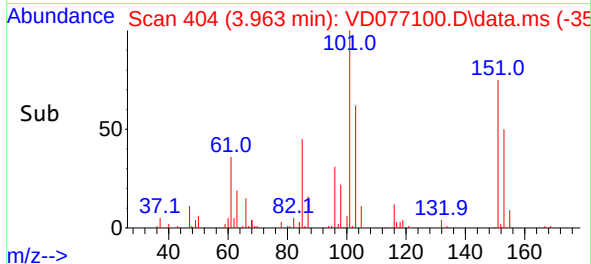
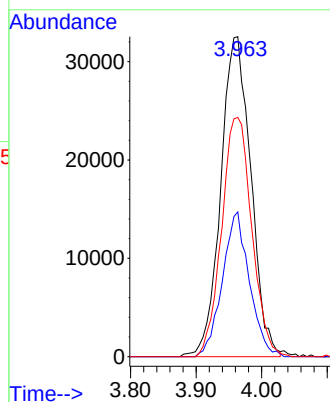
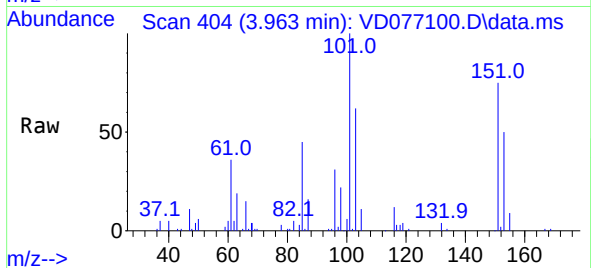




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.189 ug/L
RT: 3.963 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

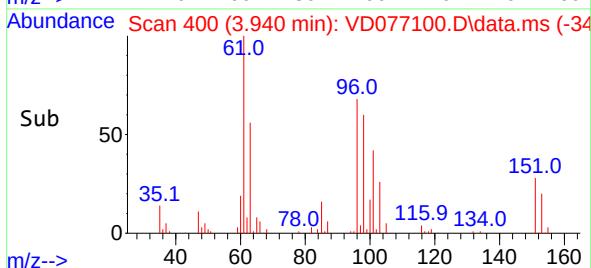
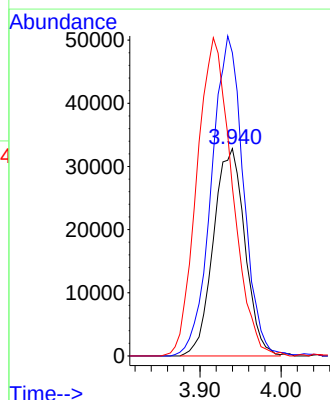
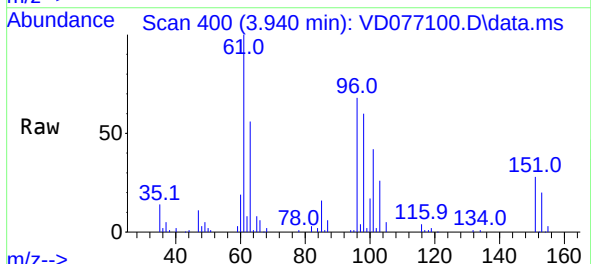
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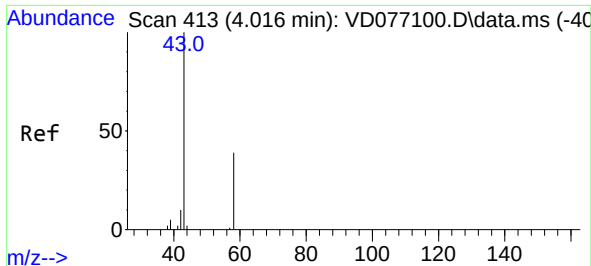
Tgt Ion:101 Resp: 103543
Ion Ratio Lower Upper
101 100
85 40.7 33.4 50.2
151 74.9 59.6 89.4



#12
1,1-Dichloroethene
Concen: 22.735 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 96 Resp: 88509
Ion Ratio Lower Upper
96 100
61 146.3 95.5 177.3
63 81.4 68.6 127.4





#13

Acetone

Concen: 59.771 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

MSVOA_D

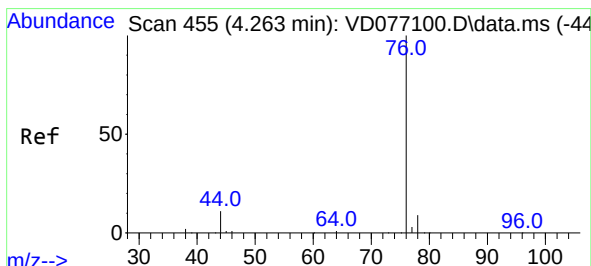
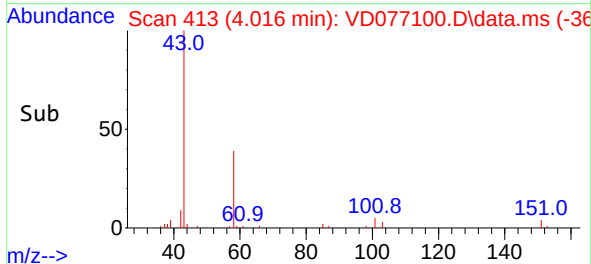
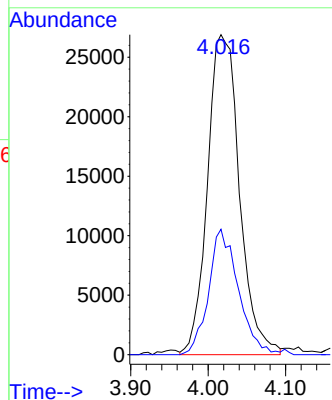
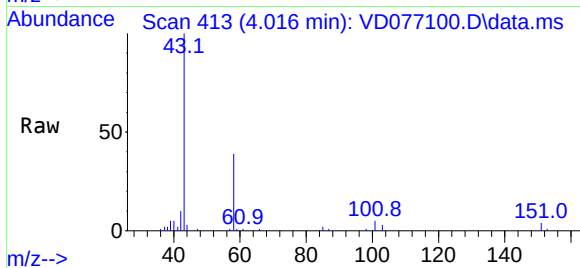
ClientSampleId :

Tgt Ion: 43 Resp: 77164

Ion Ratio Lower Upper

43 100

58 36.3 0.0 71.8



#14

Carbon disulfide

Concen: 23.363 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD077100.D

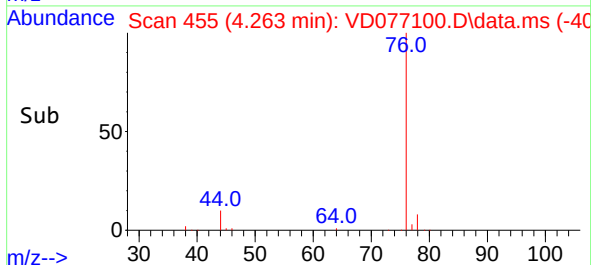
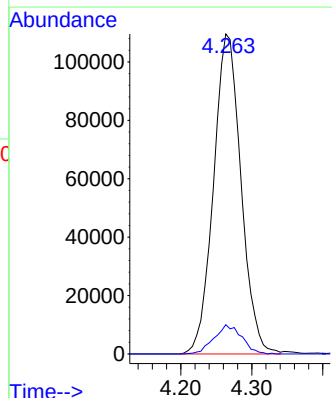
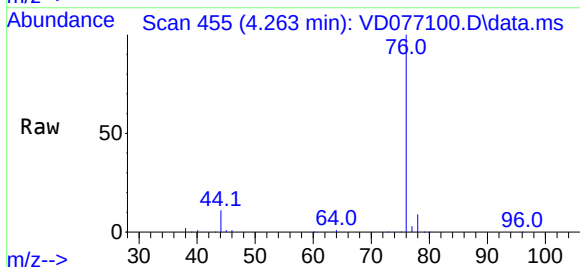
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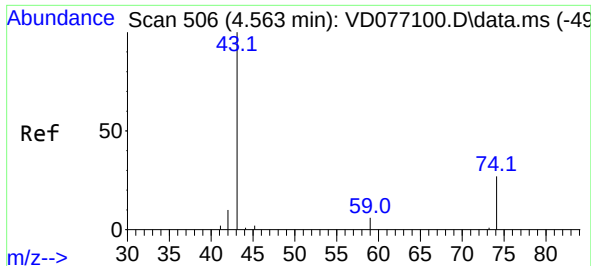
Tgt Ion: 76 Resp: 294437

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

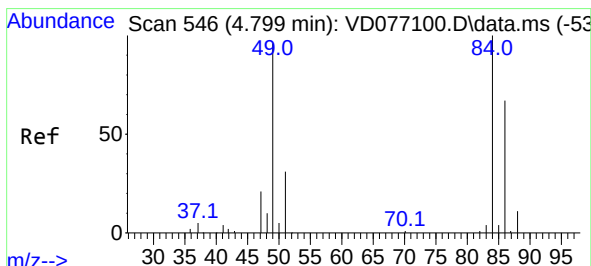
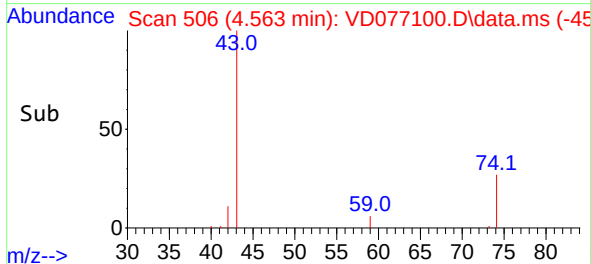
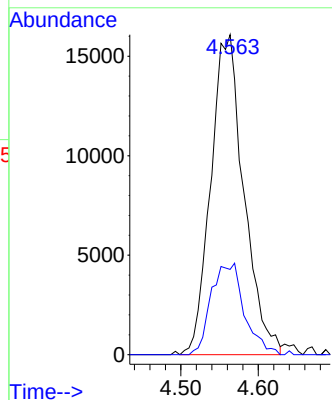
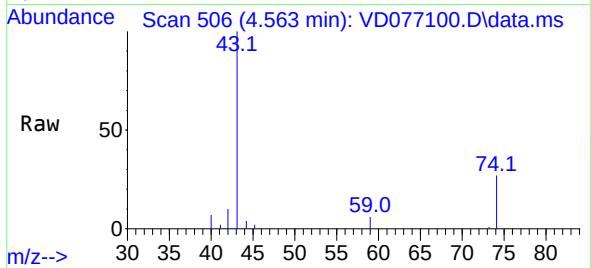




#15
Methyl Acetate
Concen: 27.626 ug/L
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

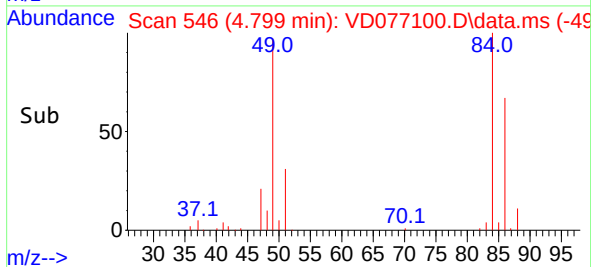
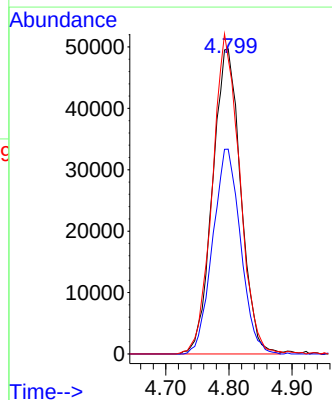
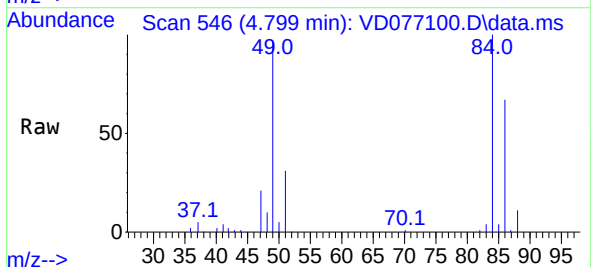
Instrument :
MSVOA_D
ClientSampleId :

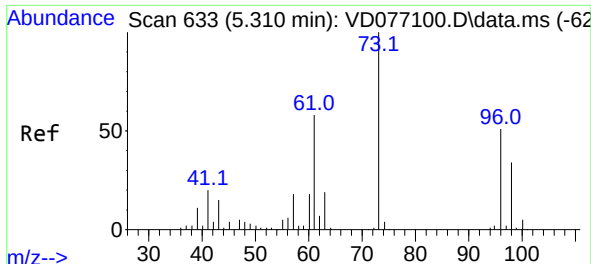
Tgt Ion: 43 Resp: 47705
Ion Ratio Lower Upper
43 100
74 17.4 0.2 0.2#



#16
Methylene chloride
Concen: 26.079 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 84 Resp: 153877
Ion Ratio Lower Upper
84 100
86 67.1 45.3 84.1
49 96.8 69.2 128.6





#17

trans-1,2-Dichloroethene

Concen: 25.298 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

MSVOA_D

ClientSampleId :

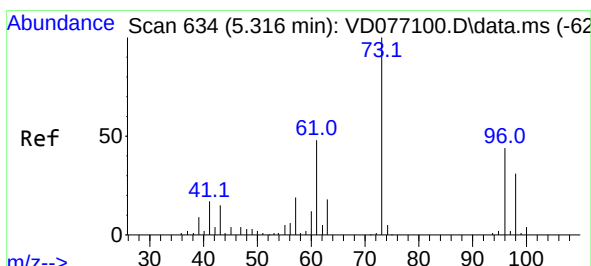
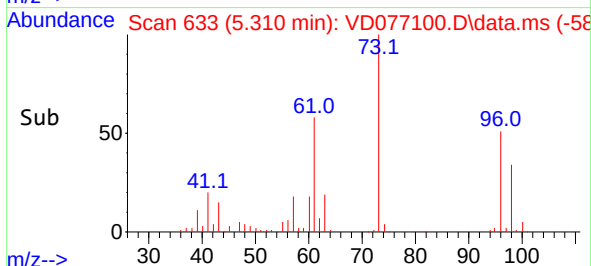
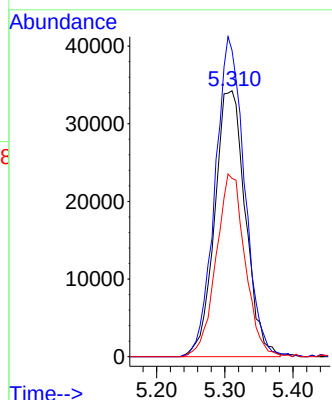
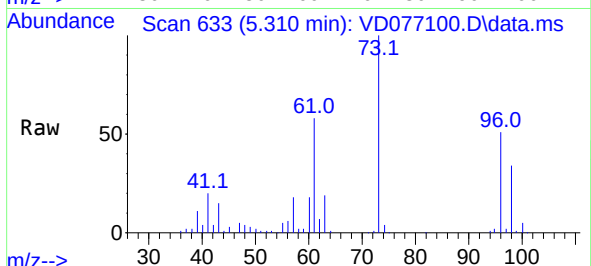
Tgt Ion: 96 Resp: 107230

Ion Ratio Lower Upper

96 100

61 115.1 85.1 158.1

98 67.0 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 26.866 ug/L

RT: 5.316 min Scan# 634

Delta R.T. -0.000 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

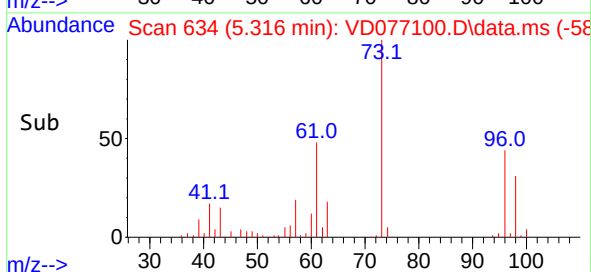
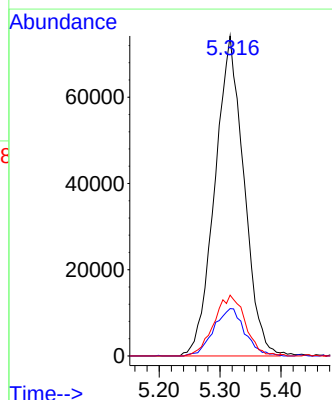
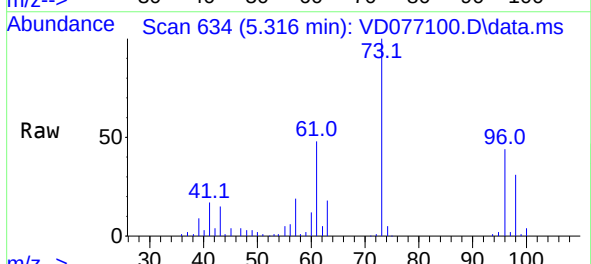
Tgt Ion: 73 Resp: 245939

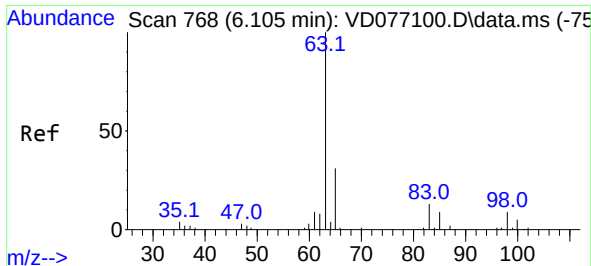
Ion Ratio Lower Upper

73 100

43 15.9 12.5 18.7

57 20.2 16.8 25.2

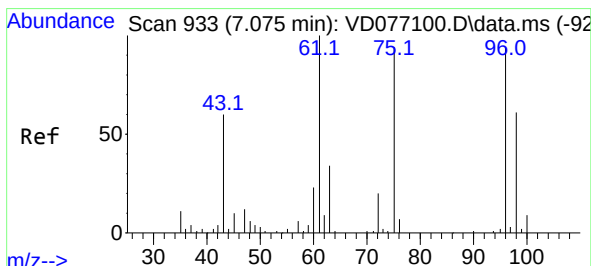
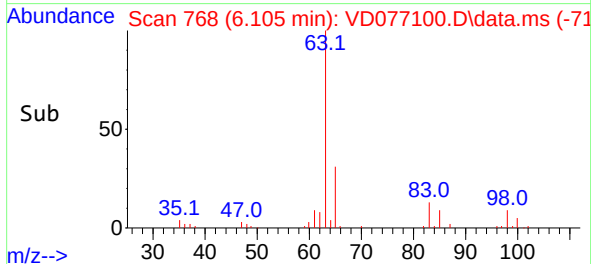
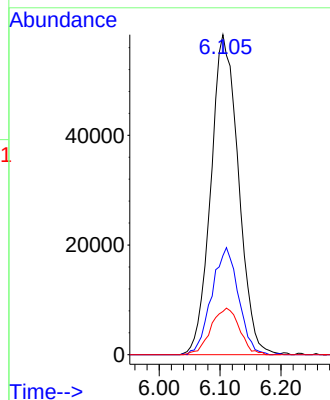
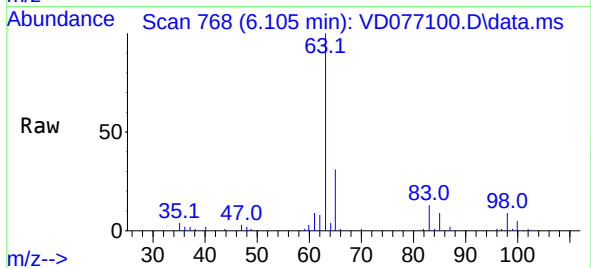




#19
1,1-Dichloroethane
Concen: 25.682 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

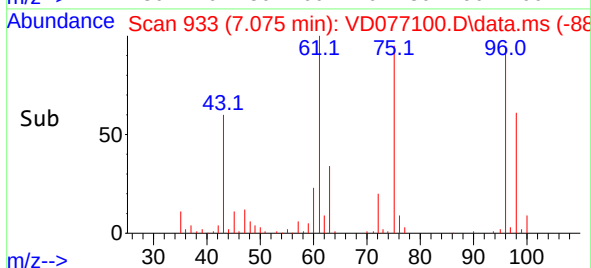
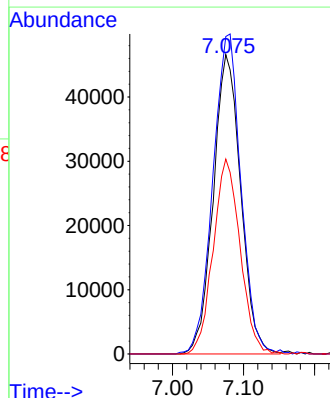
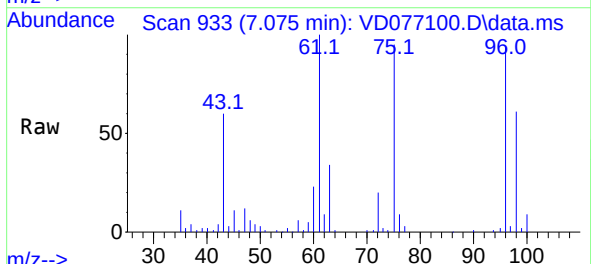
Instrument :
MSVOA_D
ClientSampleId :

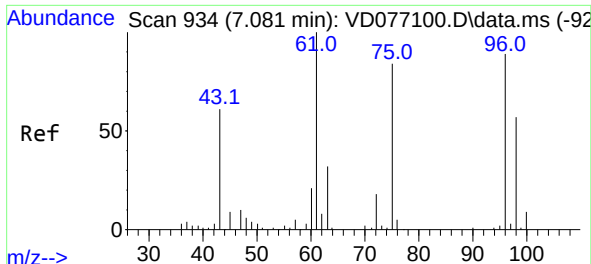
Tgt Ion: 63 Resp: 183550
Ion Ratio Lower Upper
63 100
65 31.0 22.5 41.9
83 13.5 9.9 18.5



#20
cis-1,2-Dichloroethene
Concen: 25.724 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

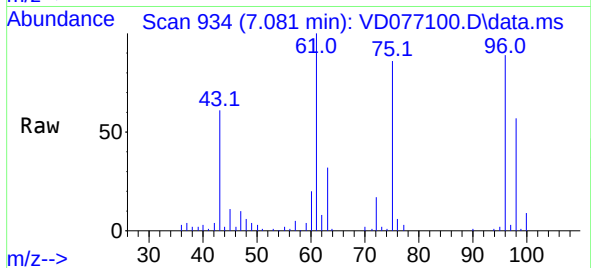
Tgt Ion: 96 Resp: 124835
Ion Ratio Lower Upper
96 100
61 106.1 75.5 140.1
98 65.1 45.8 85.0



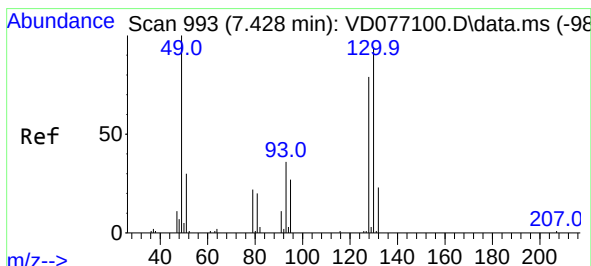
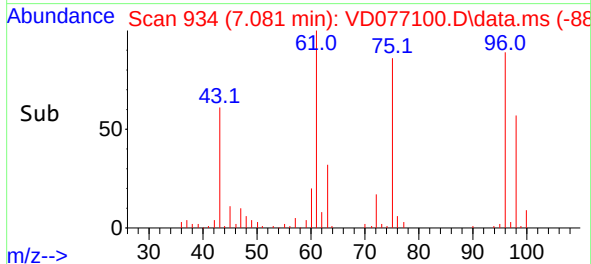
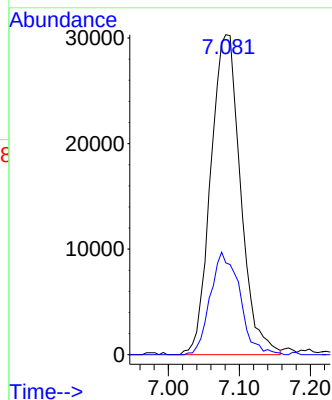


#22
2-Butanone
Concen: 56.758 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Instrument :
MSVOA_D
ClientSampleId :

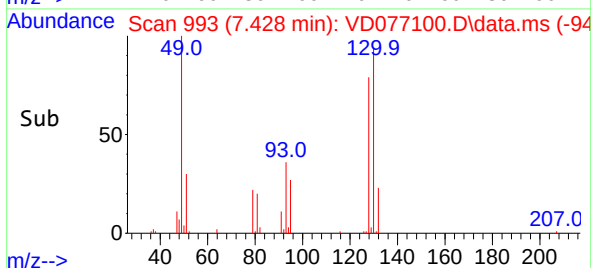
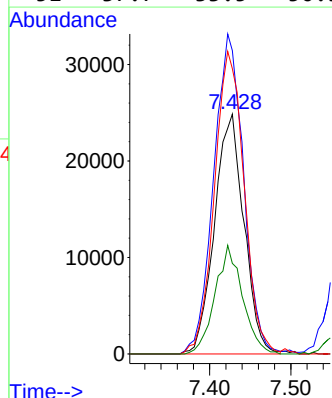
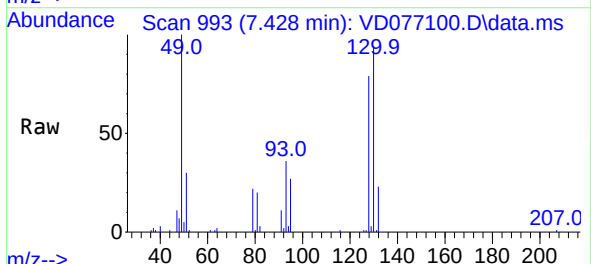


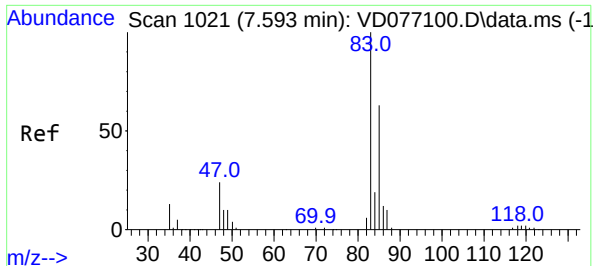
Tgt Ion: 43 Resp: 88398
Ion Ratio Lower Upper
43 100
72 31.2 16.0 48.0



#23
Bromochloromethane
Concen: 27.095 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:128 Resp: 62751
Ion Ratio Lower Upper
128 100
49 126.4 86.5 160.6
130 119.0 91.2 169.4
51 37.7 33.5 50.3





#25

Chloroform

Concen: 26.641 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

MSVOA_D

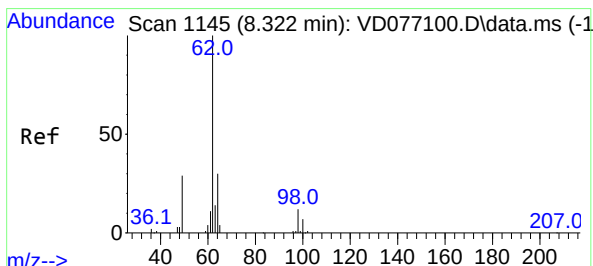
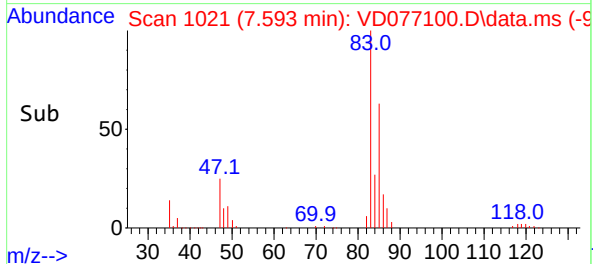
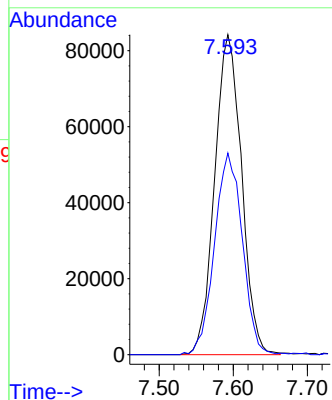
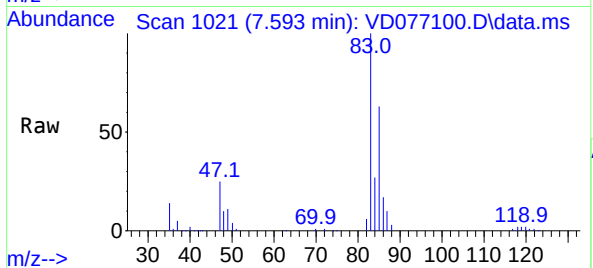
ClientSampleId :

Tgt Ion: 83 Resp: 212608

Ion Ratio Lower Upper

83 100

85 63.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 27.477 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077100.D

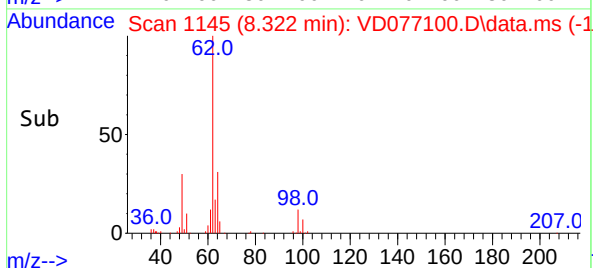
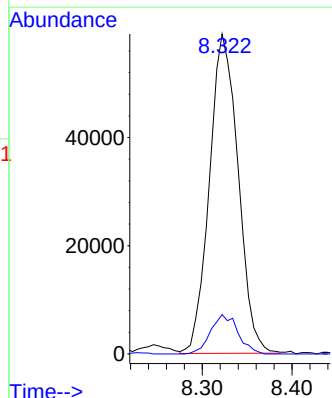
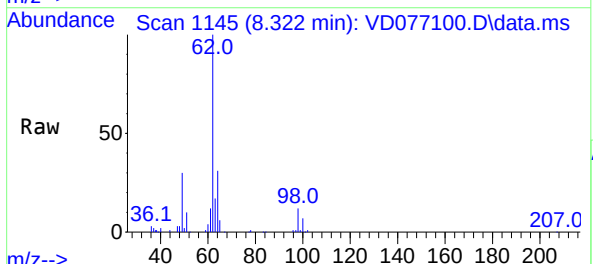
Acq: 13 Sep 2023 10:07

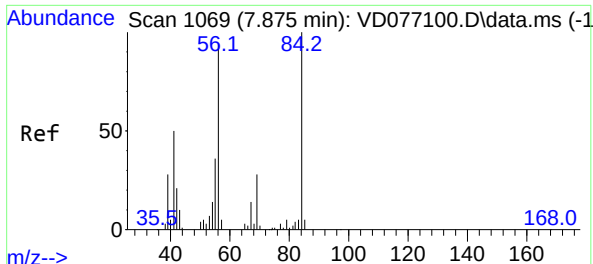
Tgt Ion: 62 Resp: 131329

Ion Ratio Lower Upper

62 100

98 12.3 9.0 13.4





#29

Cyclohexane

Concen: 21.956 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

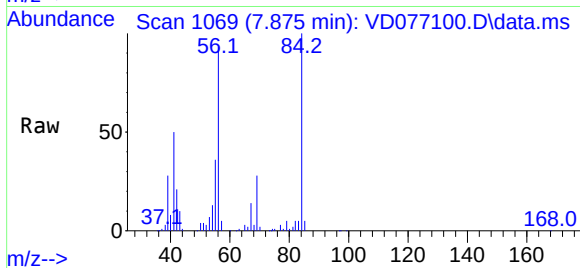
Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

MSVOA_D

ClientSampleId :



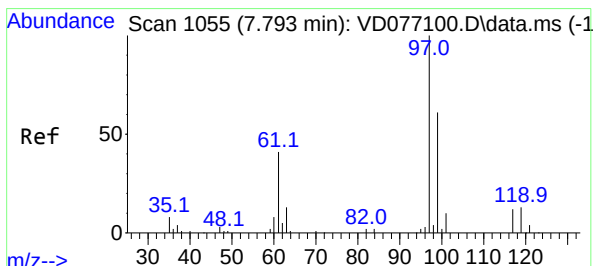
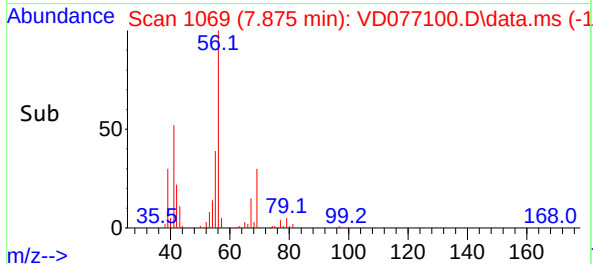
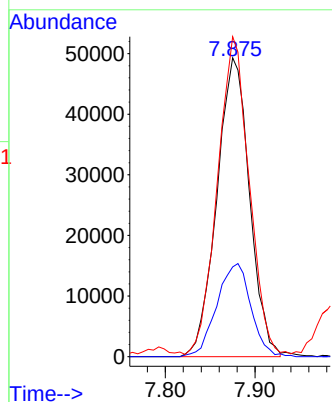
Tgt Ion: 56 Resp: 124482

Ion Ratio Lower Upper

56 100

69 32.5 25.5 38.3

84 104.8 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 24.538 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

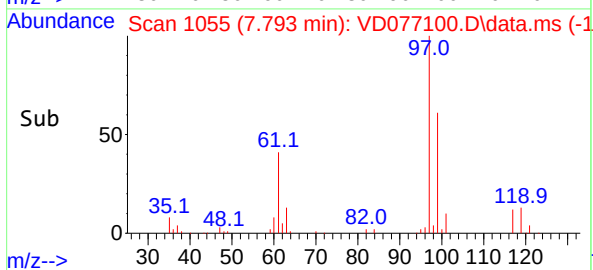
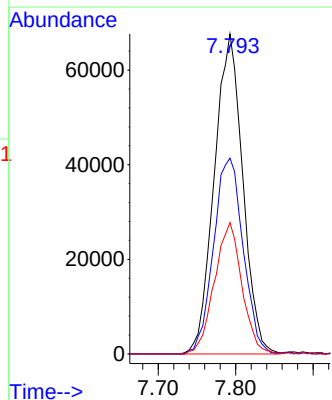
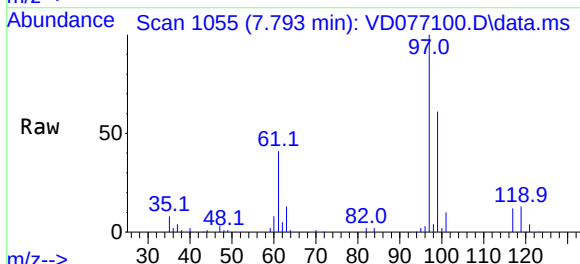
Tgt Ion: 97 Resp: 172939

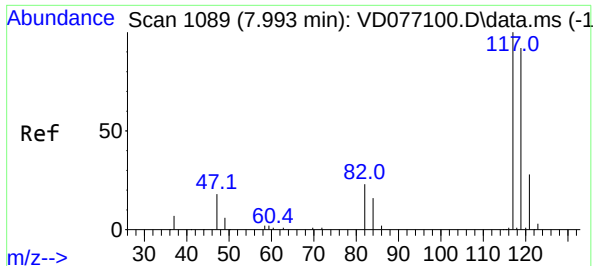
Ion Ratio Lower Upper

97 100

99 63.6 50.7 76.1

61 39.6 32.6 48.8

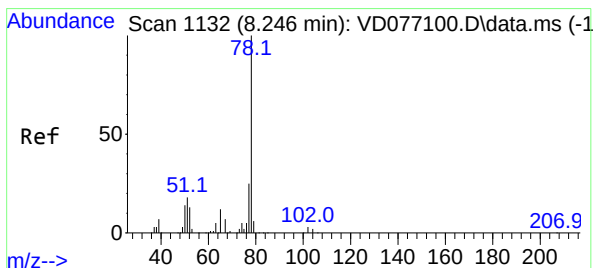
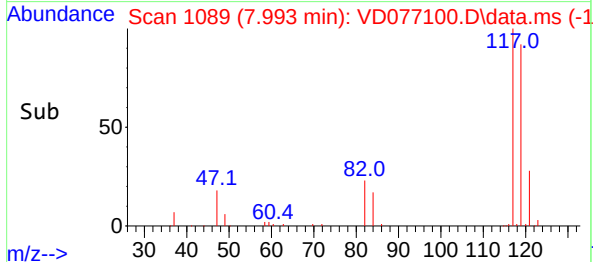
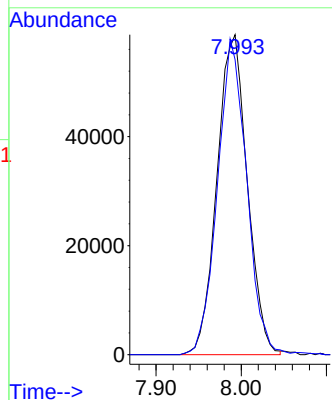
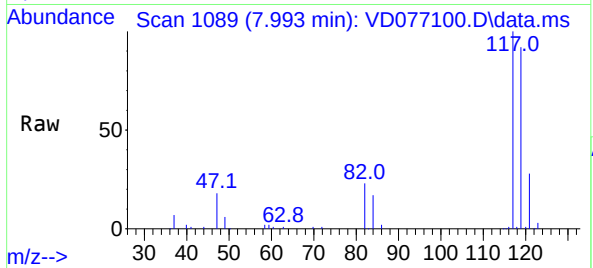




#31
Carbon tetrachloride
Concen: 24.349 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

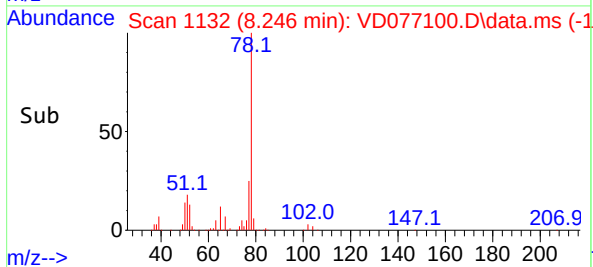
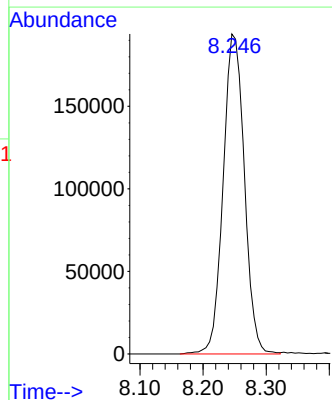
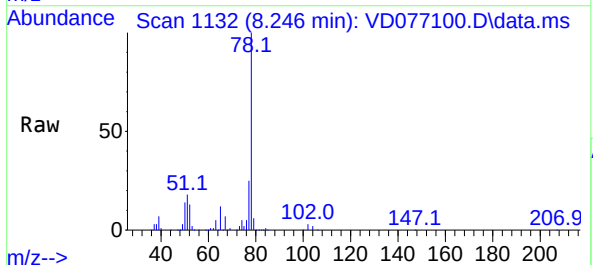
Instrument :
MSVOA_D
ClientSampleId :

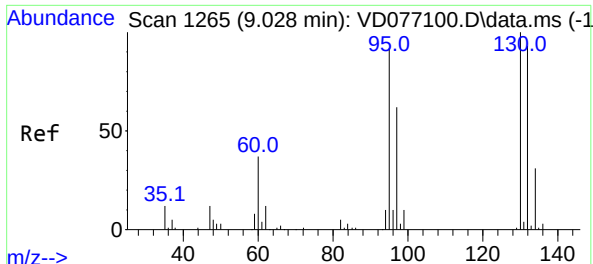
Tgt Ion:117 Resp: 145166
Ion Ratio Lower Upper
117 100
119 94.8 76.2 114.4



#33
Benzene
Concen: 25.005 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 78 Resp: 452864





#34

Trichloroethene

Concen: 23.659 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

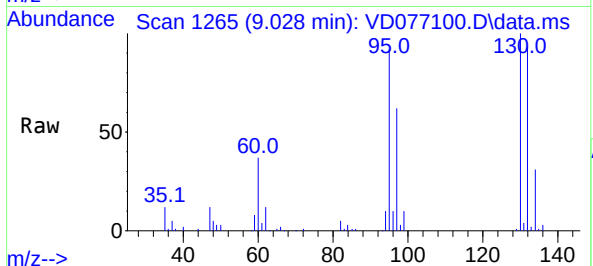
Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 113621

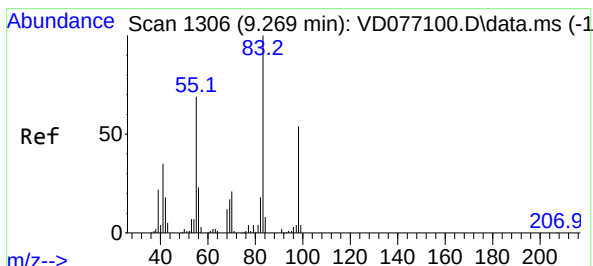
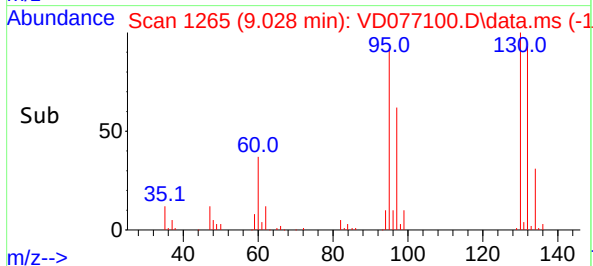
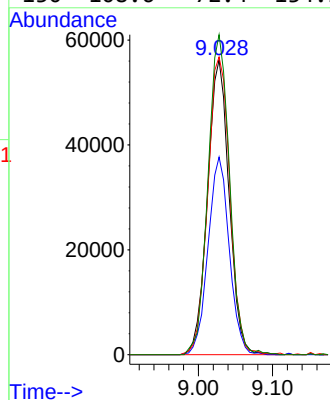
Ion Ratio Lower Upper

95 100

97 67.1 46.4 86.2

132 101.0 70.1 130.1

130 108.6 72.4 134.5



#35

Methylcyclohexane

Concen: 22.272 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

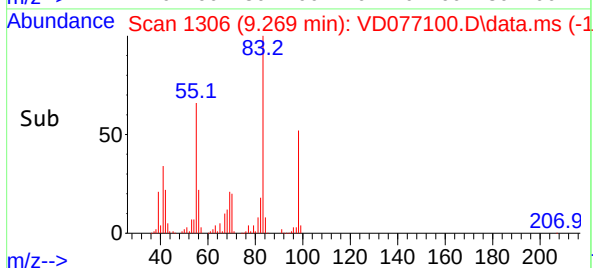
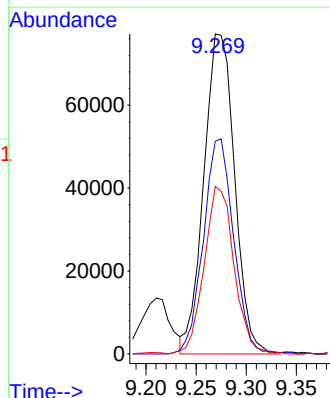
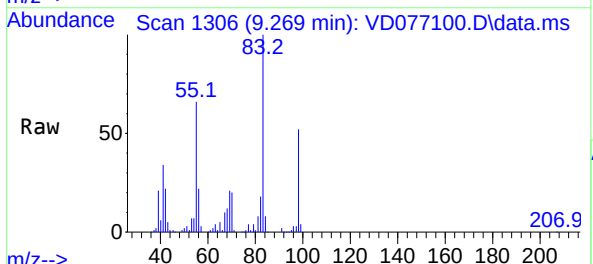
Tgt Ion: 83 Resp: 164946

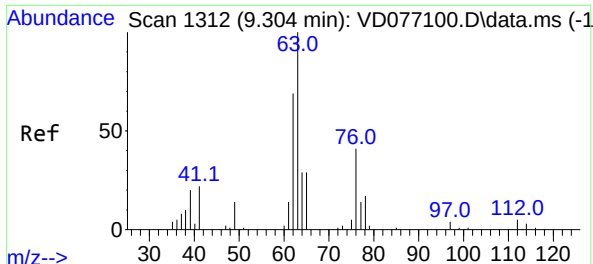
Ion Ratio Lower Upper

83 100

55 66.0 51.5 77.3

98 50.4 40.7 61.1

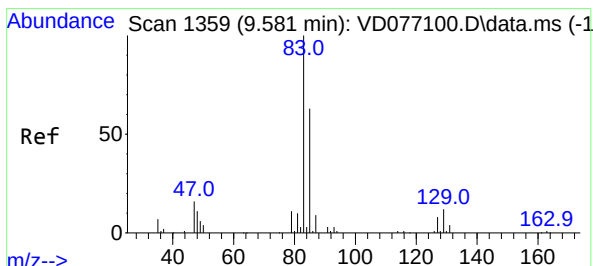
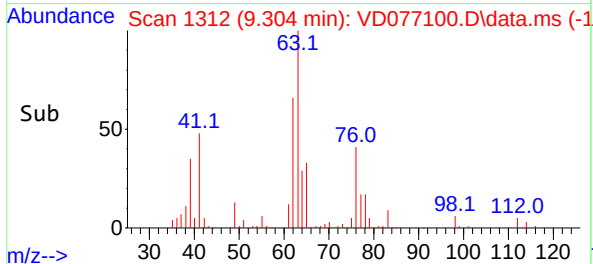
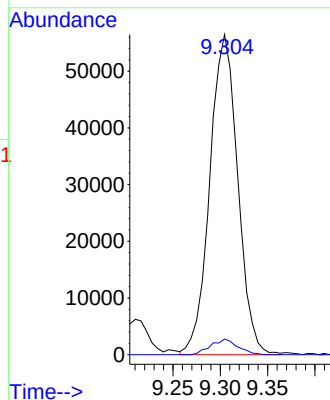
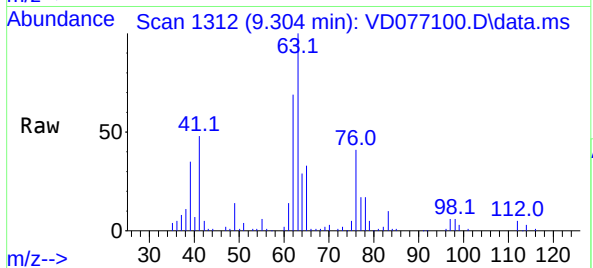




#37
1,2-Dichloropropane
Concen: 25.380 ug/L
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

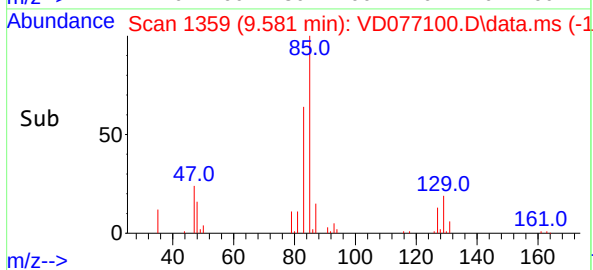
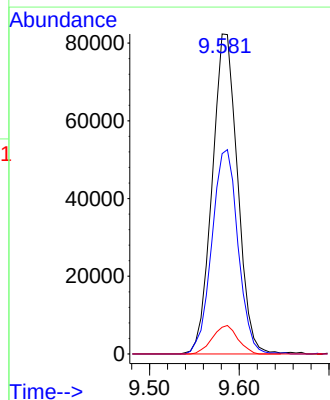
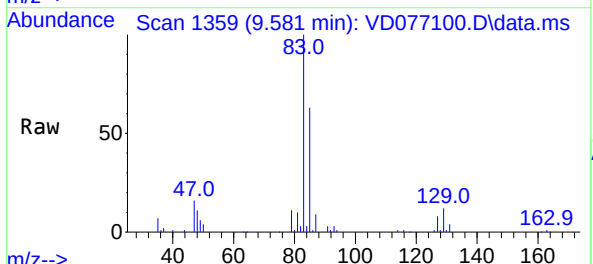
Instrument :
MSVOA_D
ClientSampleId :

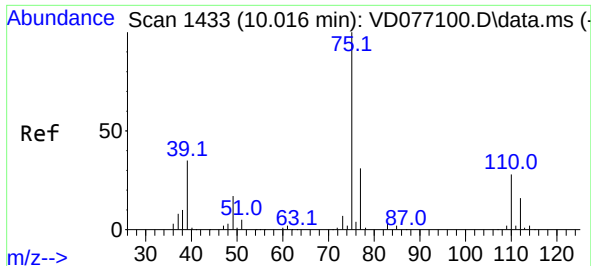
Tgt Ion: 63 Resp: 115939
Ion Ratio Lower Upper
63 100
112 4.7 4.0 6.0



#38
Bromodichloromethane
Concen: 25.644 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 83 Resp: 161618
Ion Ratio Lower Upper
83 100
85 62.6 44.0 81.6
127 8.3 7.5 11.3

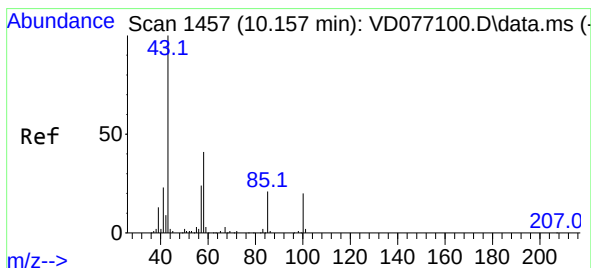
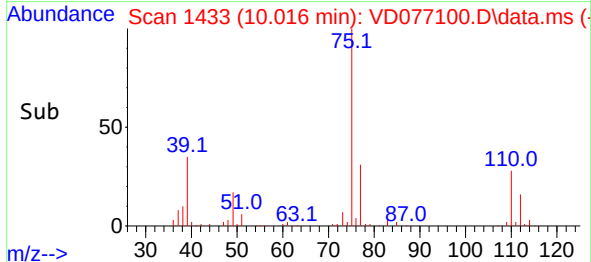
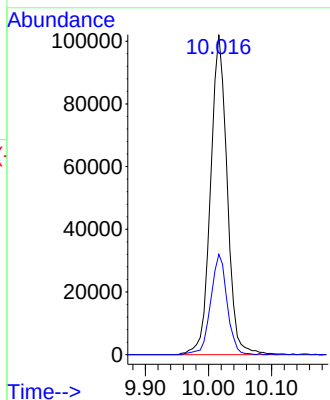
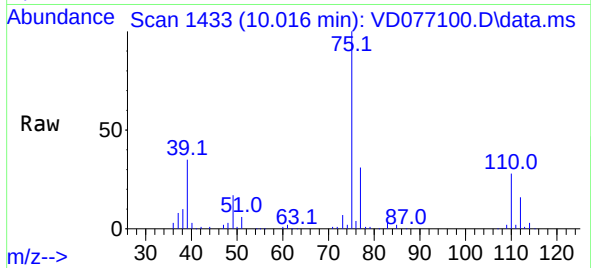




#39
cis-1,3-Dichloropropene
Concen: 25.668 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

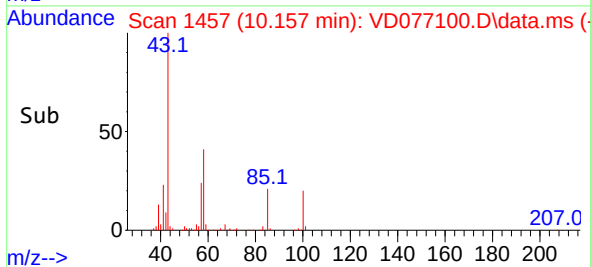
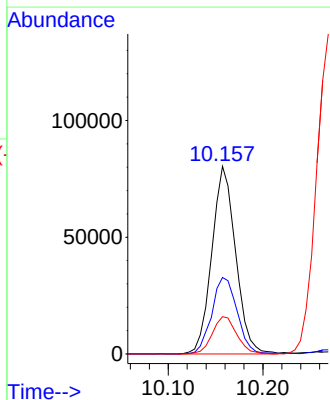
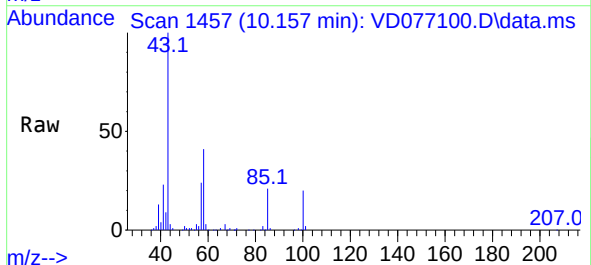
Instrument :
MSVOA_D
ClientSampleId :

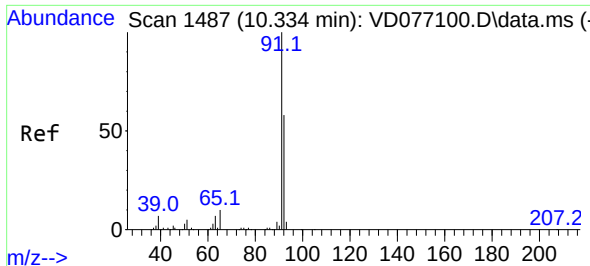
Tgt Ion: 75 Resp: 186425
Ion Ratio Lower Upper
75 100
77 31.4 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 56.108 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 43 Resp: 140868
Ion Ratio Lower Upper
43 100
58 43.5 34.6 51.8
100 20.4 16.2 24.4

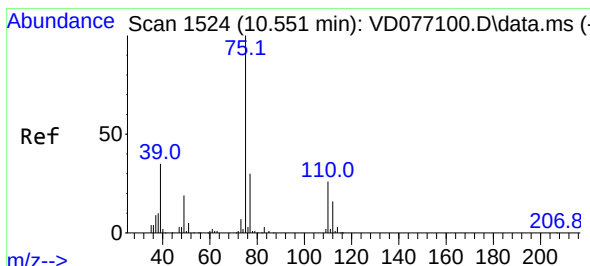
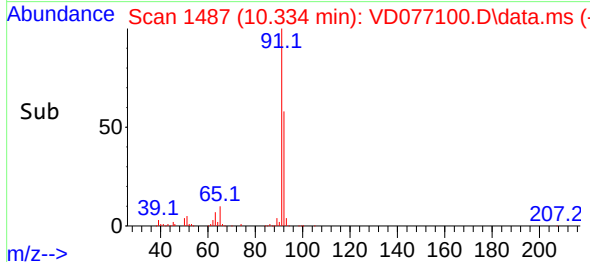
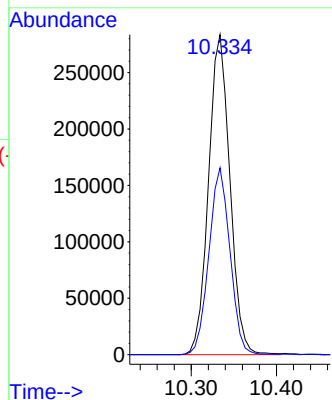
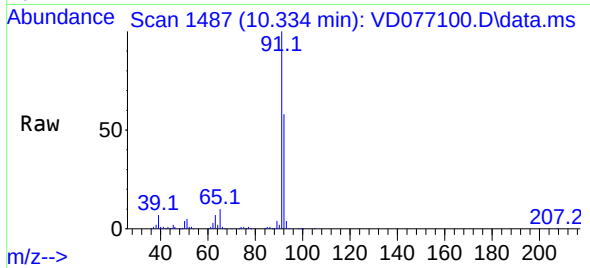




#42
Toluene
Concen: 25.201 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

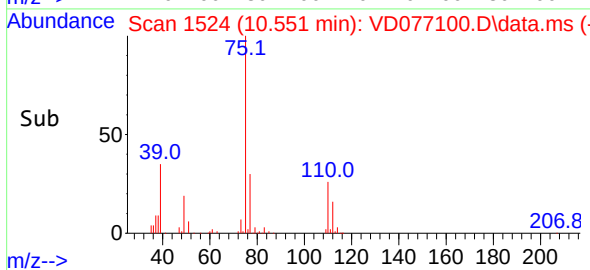
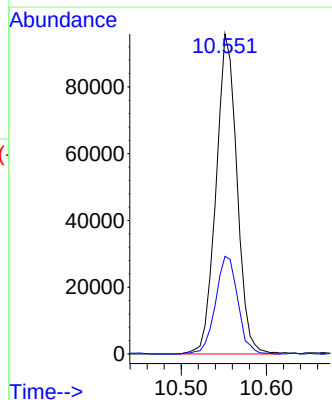
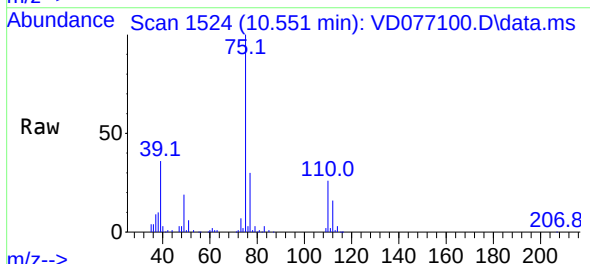
Instrument :
MSVOA_D
ClientSampleId :

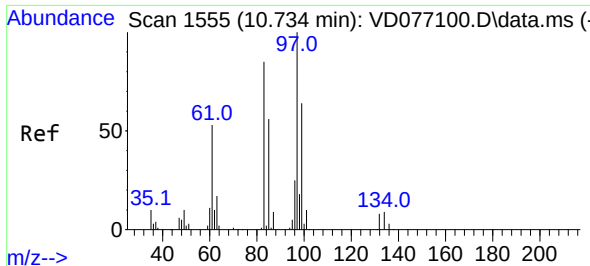
Tgt Ion: 91 Resp: 494387
Ion Ratio Lower Upper
91 100
92 58.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.356 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 75 Resp: 163655
Ion Ratio Lower Upper
75 100
77 30.5 22.5 41.9

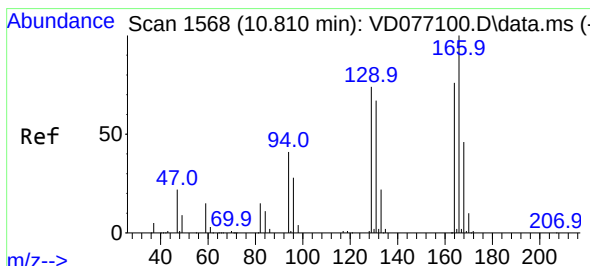
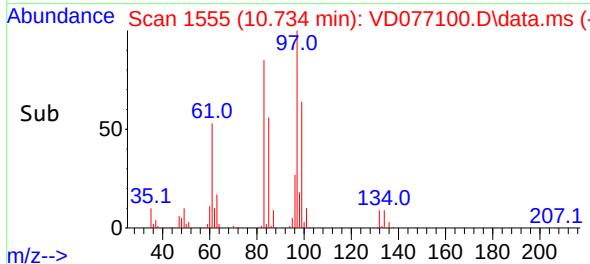
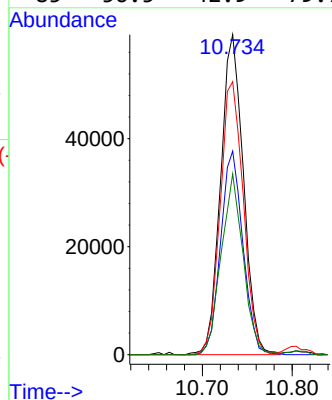
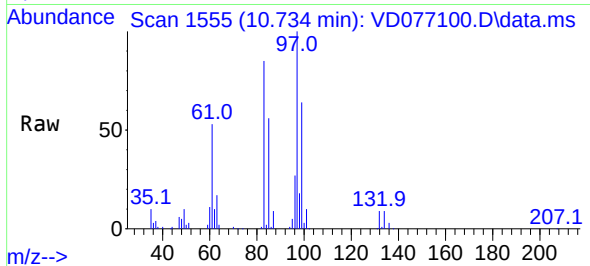




#45
1,1,2-Trichloroethane
Concen: 27.062 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

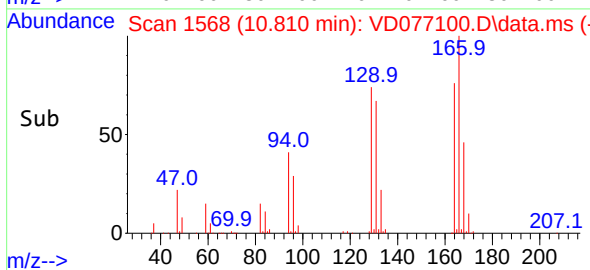
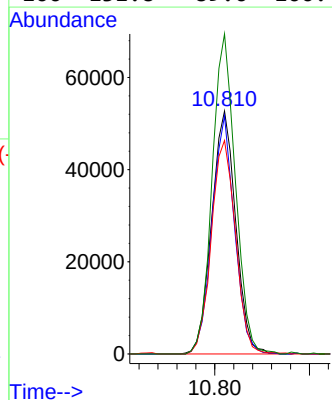
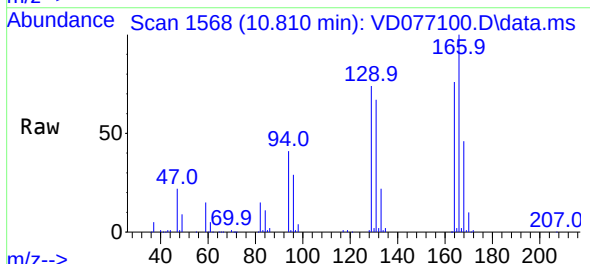
Instrument :
MSVOA_D
ClientSampleId :

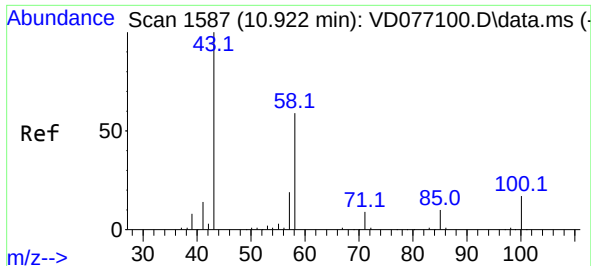
Tgt Ion: 97	Resp: 104613
Ion Ratio	Lower Upper
97 100	
99 63.6	46.1 85.5
83 85.3	64.3 119.3
85 56.5	42.9 79.7



#46
Tetrachloroethene
Concen: 23.702 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

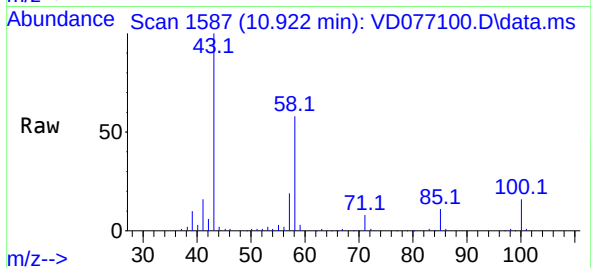
Tgt	Ion:164	Resp:	93051
Ion	Ratio	Lower	Upper
164	100		
129	98.0	66.4	123.4
131	87.9	62.6	116.3
166	131.8	89.6	166.4



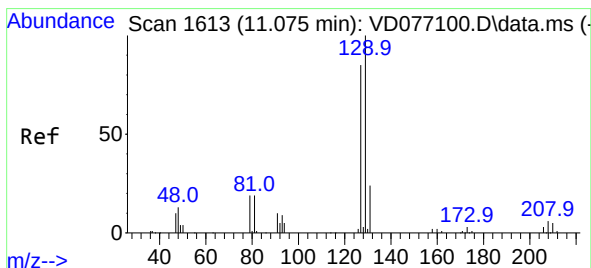
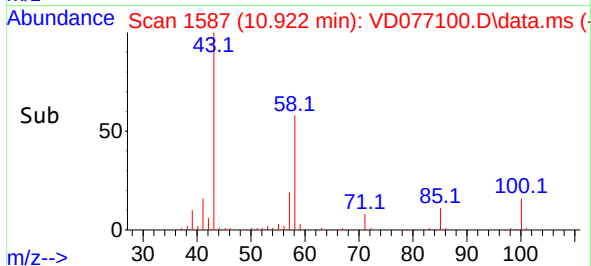
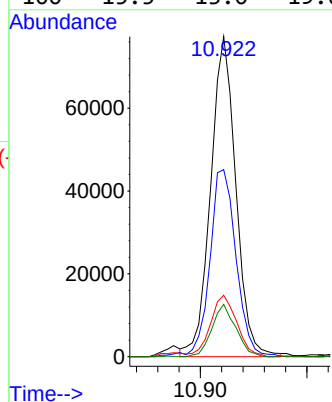


#48
2-Hexanone
Concen: 65.722 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Instrument :
MSVOA_D
ClientSampleId :

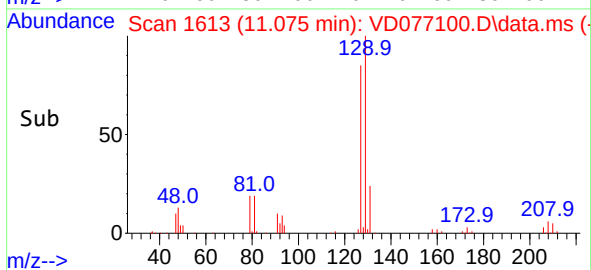
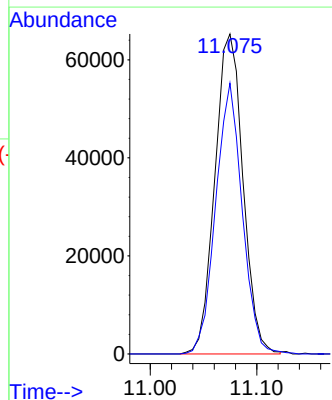
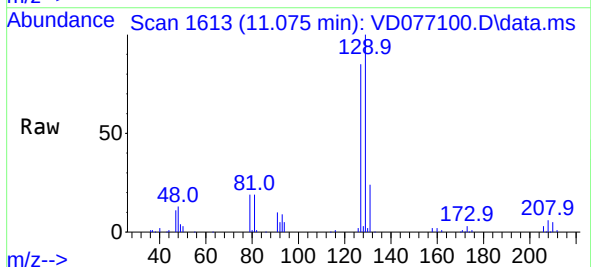


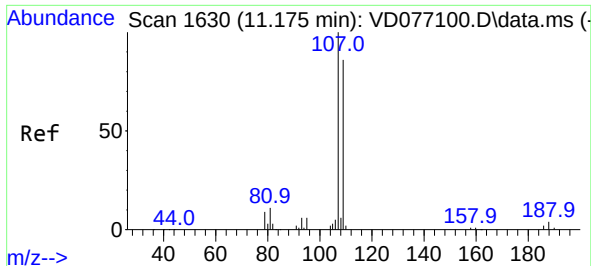
Tgt Ion: 43 Resp: 127246
Ion Ratio Lower Upper
43 100
58 60.1 50.6 75.8
57 20.0 16.6 24.8
100 15.5 13.0 19.6



#49
Dibromochloromethane
Concen: 26.504 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 129 Resp: 119666
Ion Ratio Lower Upper
129 100
127 84.6 56.6 105.2

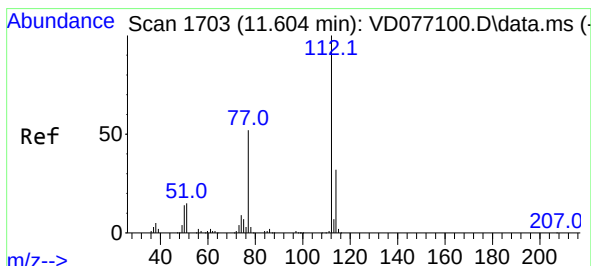
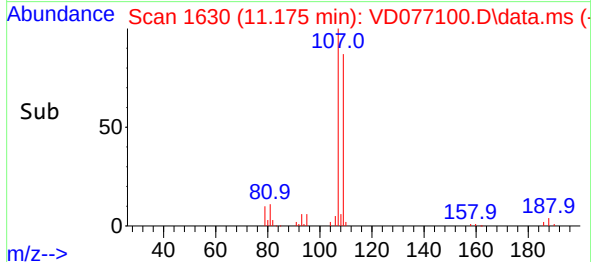
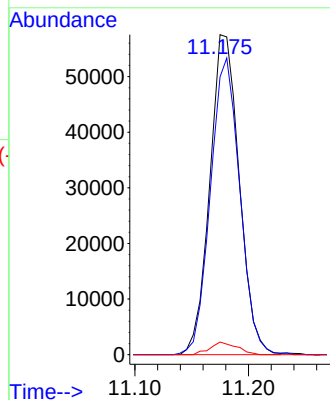
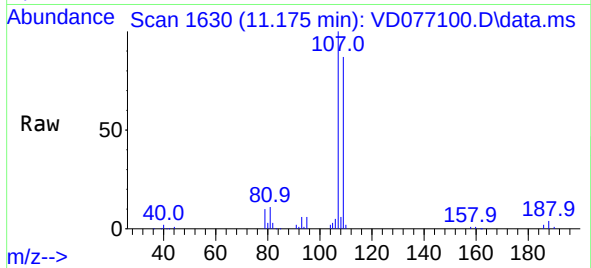




#50
1,2-Dibromoethane
Concen: 27.139 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

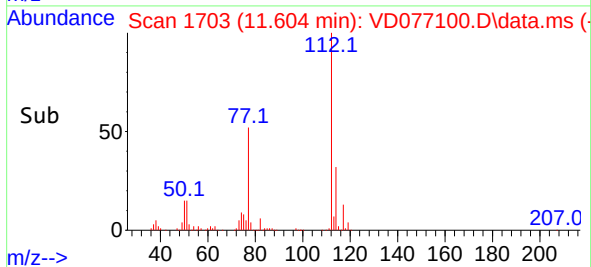
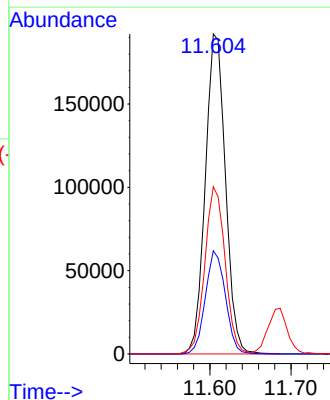
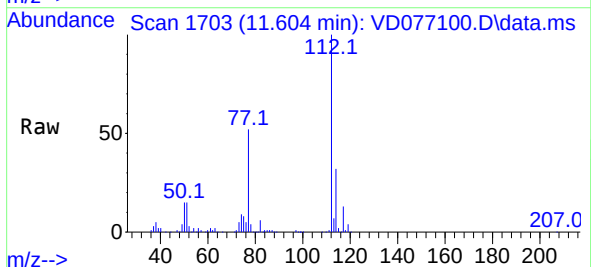
Instrument :
MSVOA_D
ClientSampleId :

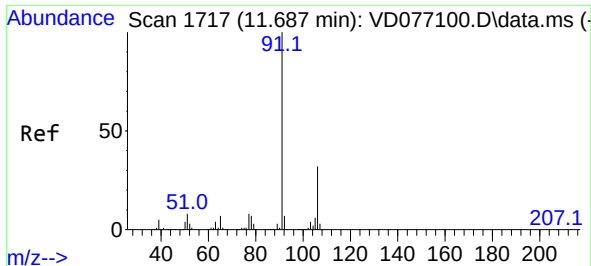
Tgt Ion:107 Resp: 103644
Ion Ratio Lower Upper
107 100
109 86.8 62.4 116.0
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 25.240 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:112 Resp: 331082
Ion Ratio Lower Upper
112 100
114 32.2 21.0 39.0
77 52.3 41.0 61.4

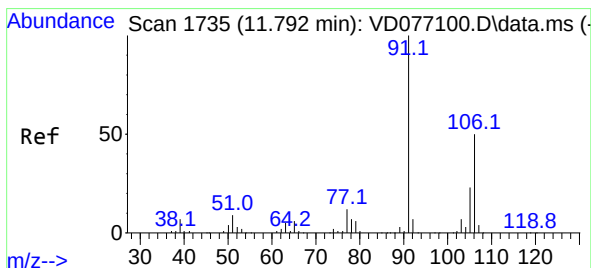
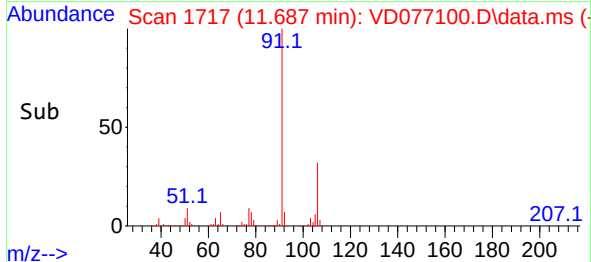
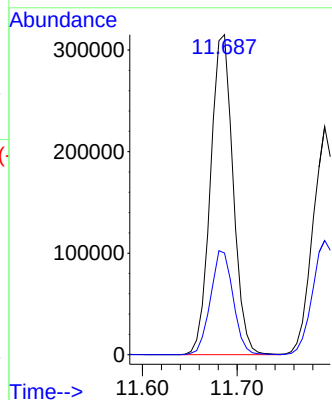
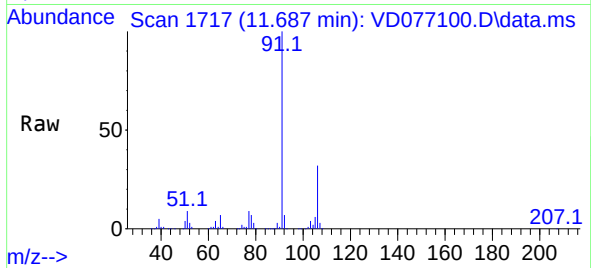




#52
Ethylbenzene
Concen: 24.638 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

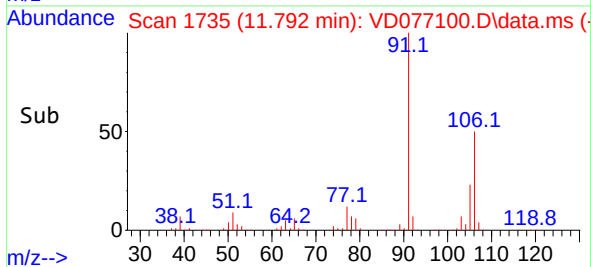
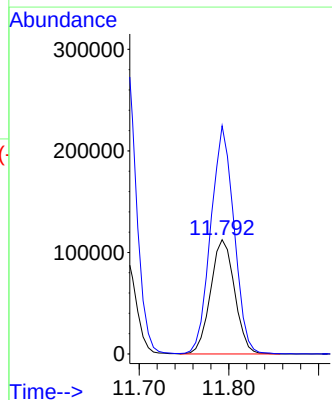
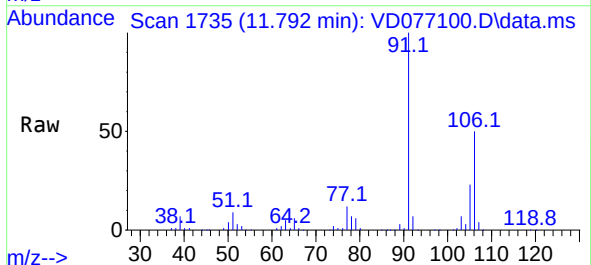
Instrument :
MSVOA_D
ClientSampleId :

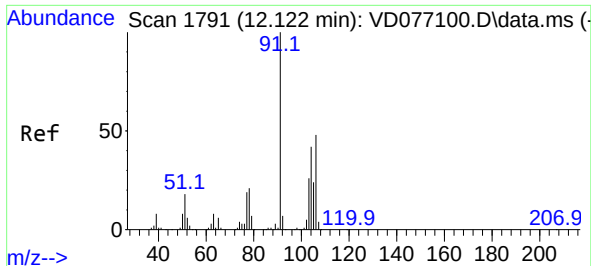
Tgt Ion: 91 Resp: 523060
Ion Ratio Lower Upper
91 100
106 31.8 22.1 41.1



#53
m,p-Xylene
Concen: 25.532 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion: 106 Resp: 209303
Ion Ratio Lower Upper
106 100
91 199.6 138.2 256.6

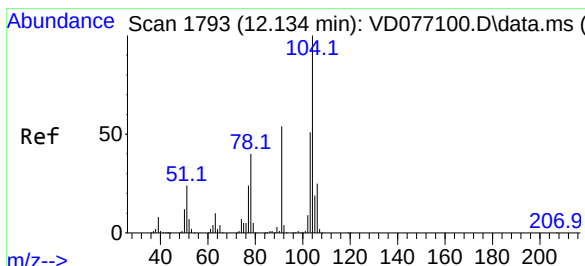
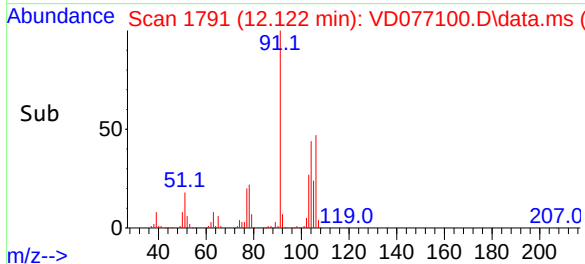
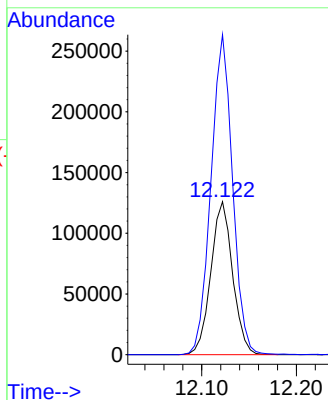
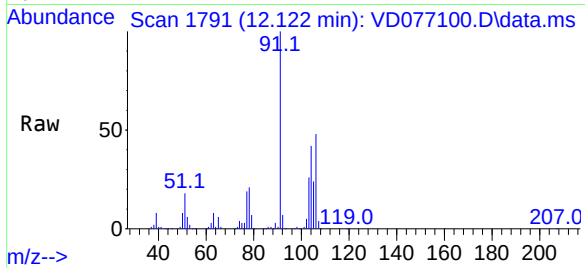




#54
o-Xylene
Concen: 25.509 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

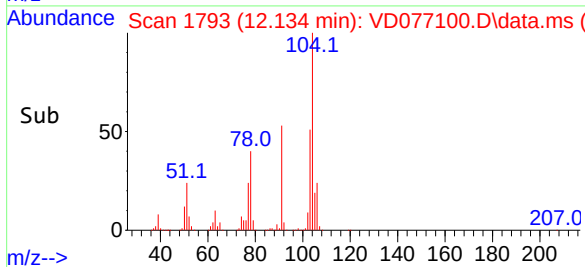
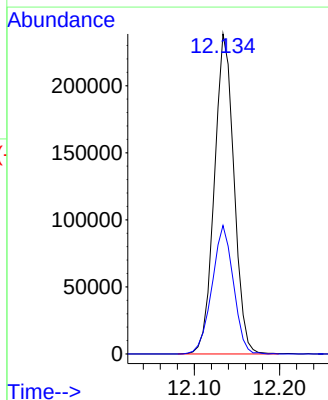
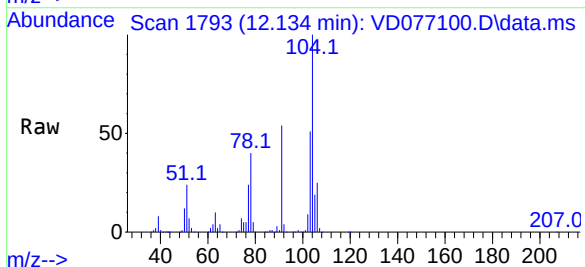
Instrument :
MSVOA_D
ClientSampleId :

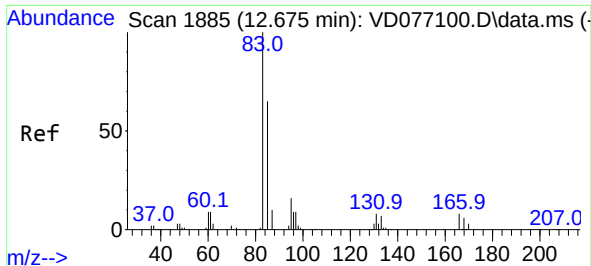
Tgt Ion:106 Resp: 201851
Ion Ratio Lower Upper
106 100
91 209.2 146.9 272.7



#55
Styrene
Concen: 26.987 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:104 Resp: 381635
Ion Ratio Lower Upper
104 100
78 40.1 27.8 51.6

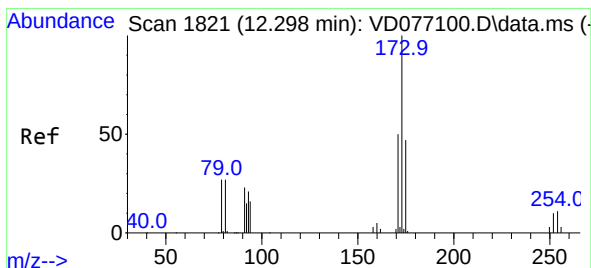
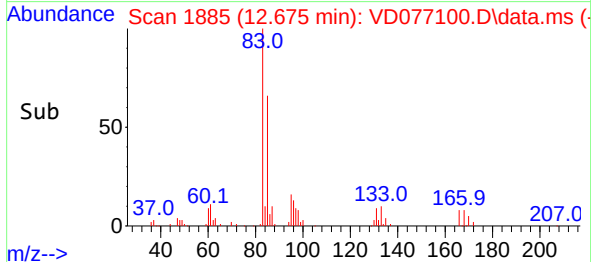
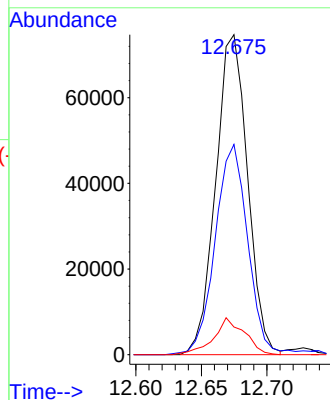
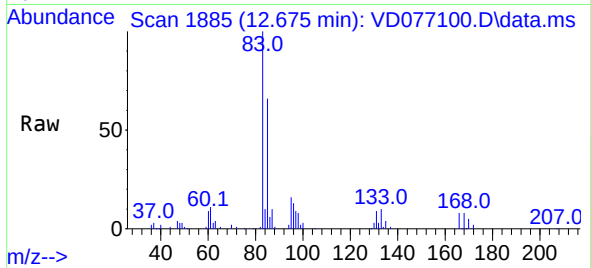




#57
1,1,2,2-Tetrachloroethane
Concen: 27.768 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

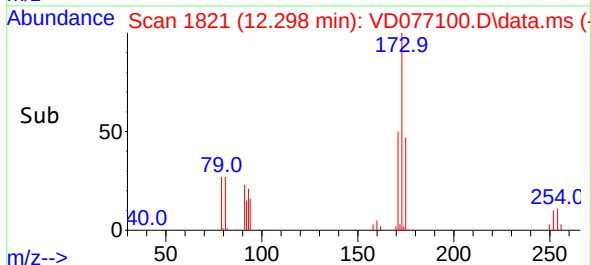
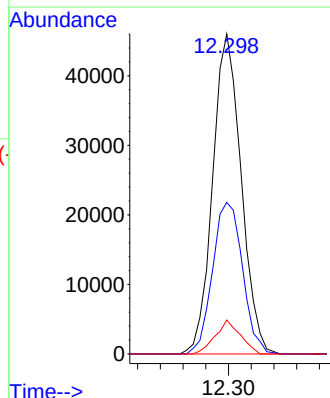
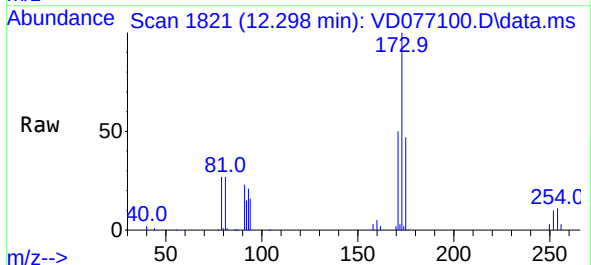
Instrument :
MSVOA_D
ClientSampleId :

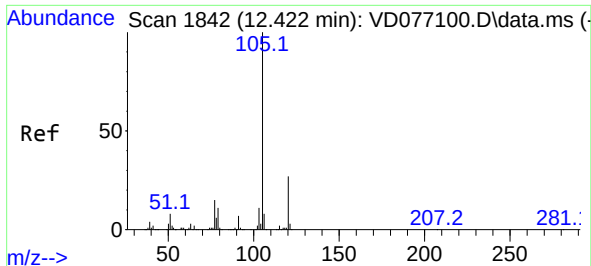
Tgt Ion: 83 Resp: 126250
Ion Ratio Lower Upper
83 100
85 65.7 43.6 81.0
131 8.6 7.8 11.8



#59
Bromoform
Concen: 26.463 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:173 Resp: 80184
Ion Ratio Lower Upper
173 100
175 49.7 38.7 58.1
254 9.3 7.0 10.6

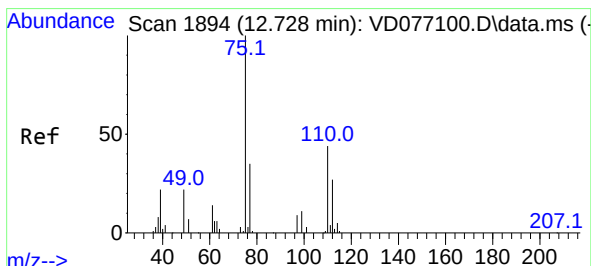
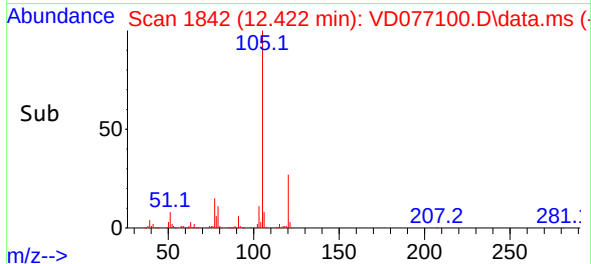
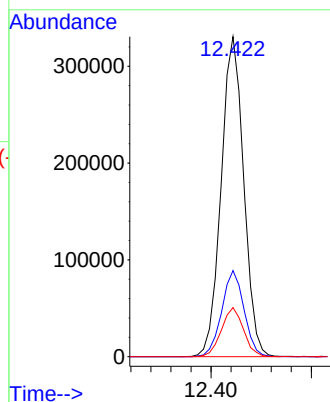
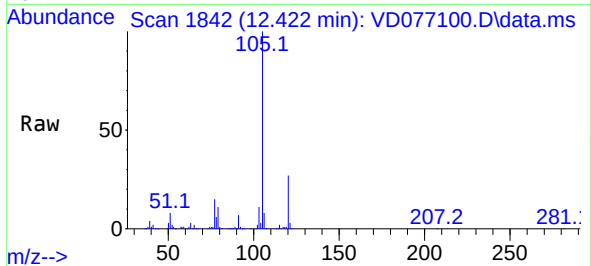




#60
Isopropylbenzene
Concen: 23.851 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

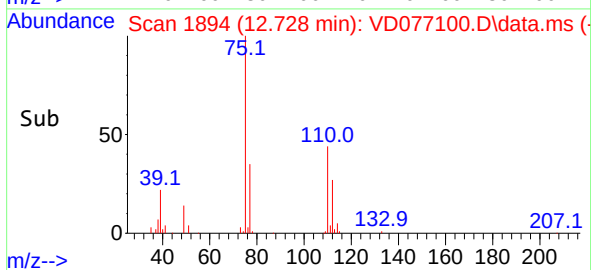
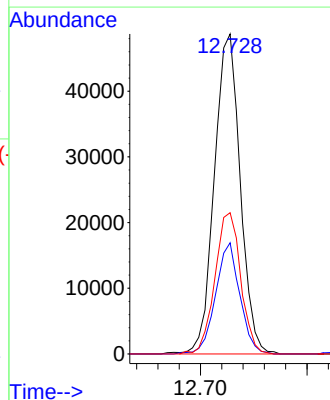
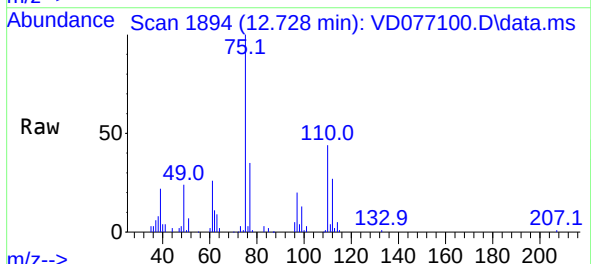
Instrument :
MSVOA_D
ClientSampleId :

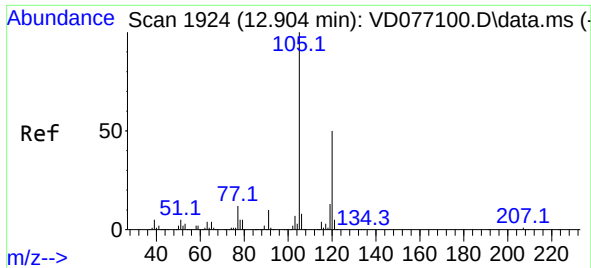
Tgt Ion:	105	Resp:	516460
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.8	32.6
77	15.0	11.9	17.9



#61
1,2,3-Trichloropropane
Concen: 25.533 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:	75	Resp:	81879
Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.6	40.0
110	44.1	33.6	50.4

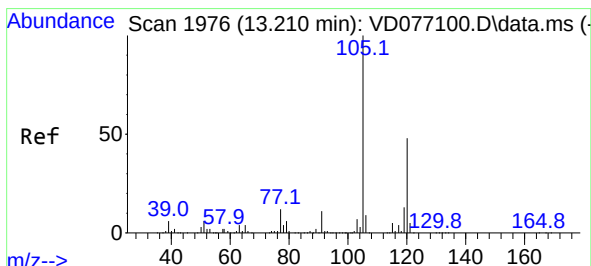
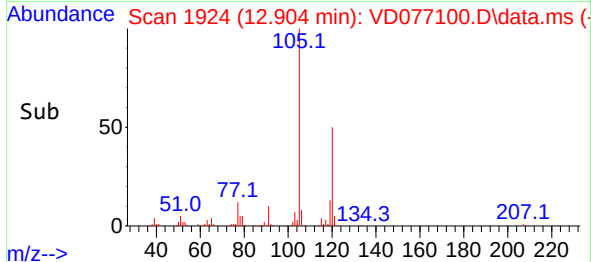
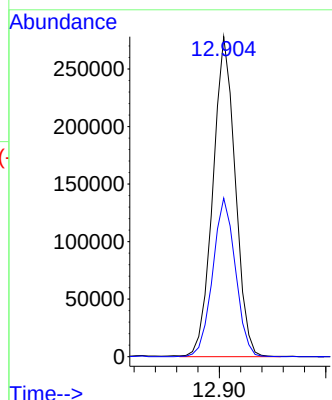
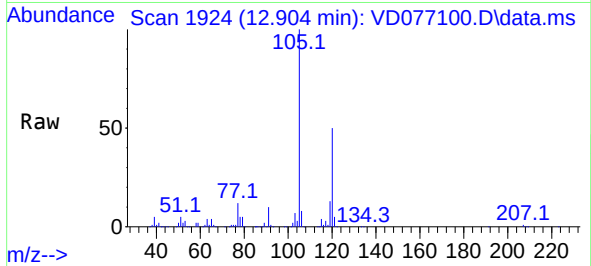




#62
1,3,5-Trimethylbenzene
Concen: 24.137 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

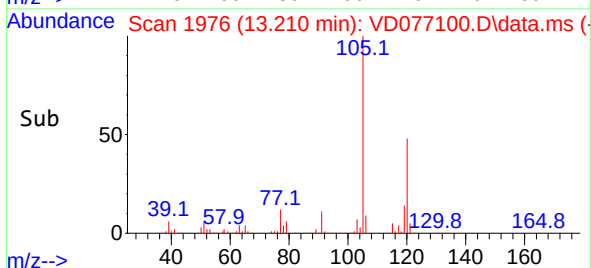
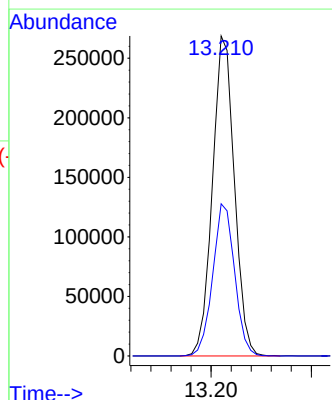
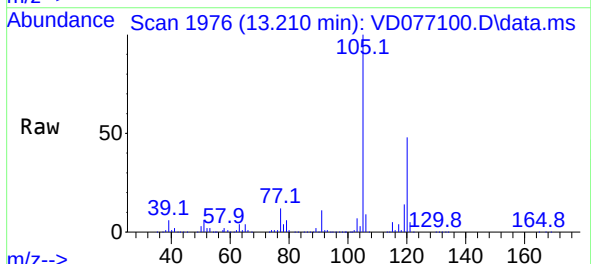
Instrument :
MSVOA_D
ClientSampleId :

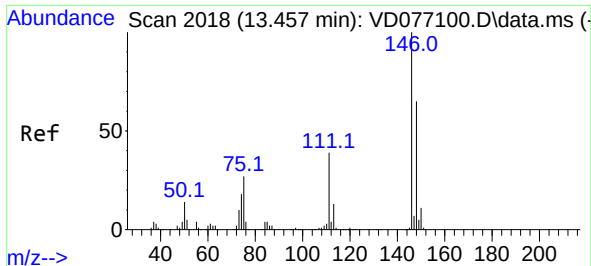
Tgt Ion:105 Resp: 404233
Ion Ratio Lower Upper
105 100
120 50.3 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 24.793 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

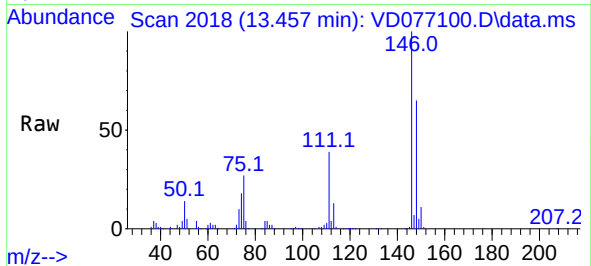
Tgt Ion:105 Resp: 406807
Ion Ratio Lower Upper
105 100
120 47.5 37.8 56.8



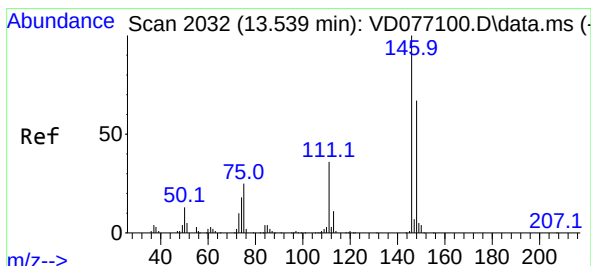
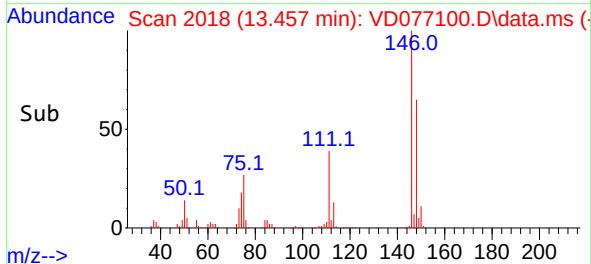
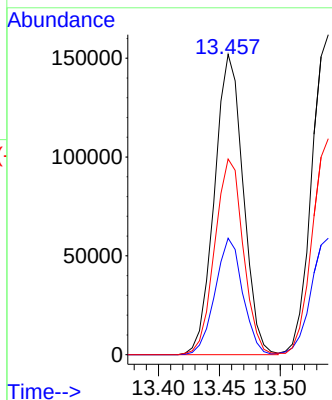


#64
1,3-Dichlorobenzene
Concen: 24.176 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Instrument :
MSVOA_D
ClientSampleId :

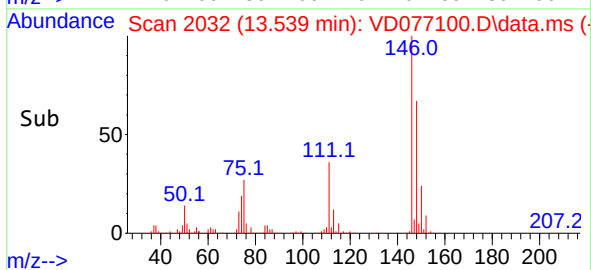
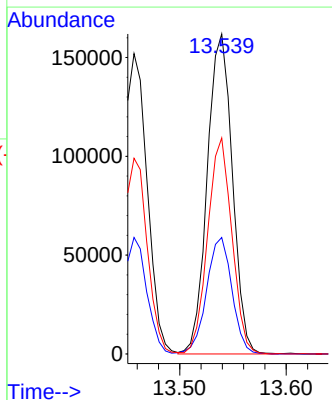
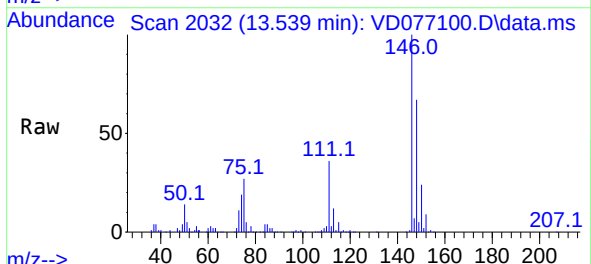


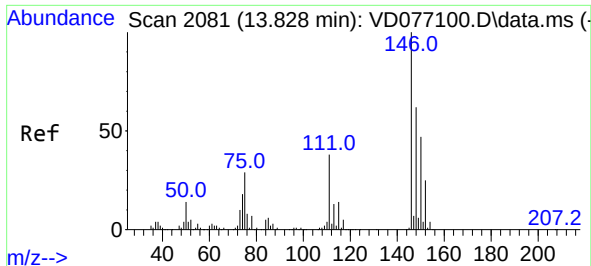
Tgt Ion:146 Resp: 249406
Ion Ratio Lower Upper
146 100
111 38.8 25.2 46.8
148 65.1 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 24.626 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:146 Resp: 265400
Ion Ratio Lower Upper
146 100
111 36.4 25.5 47.3
148 67.5 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 24.712 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

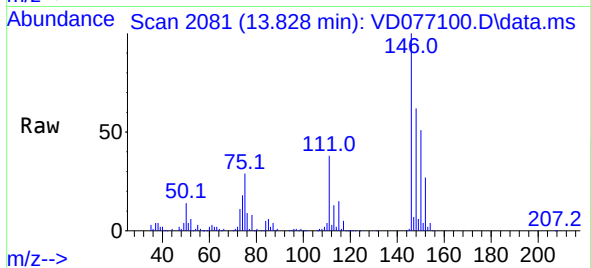
Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

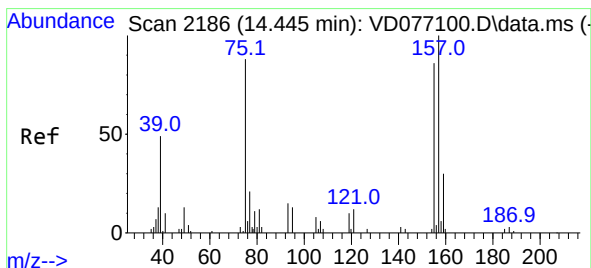
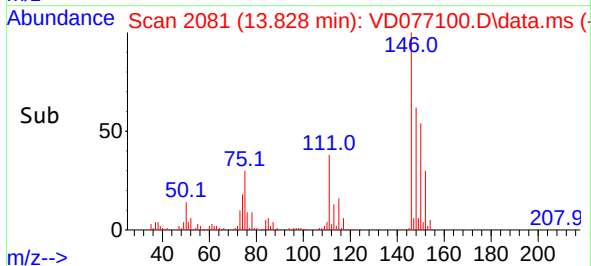
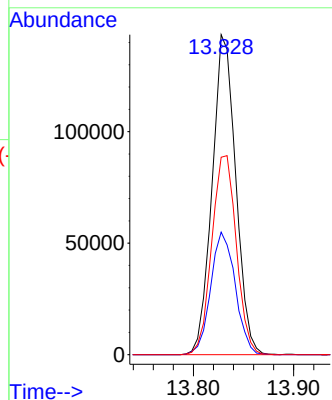
MSVOA_D

ClientSampleId :



Tgt Ion:146 Resp: 234471

Ion	Ratio	Lower	Upper
146	100		
111	38.3	31.8	47.6
148	61.7	53.0	79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.753 ug/L

RT: 14.445 min Scan# 2186

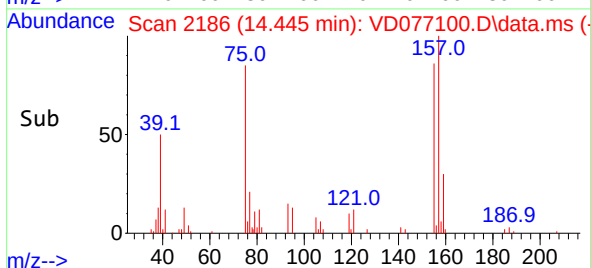
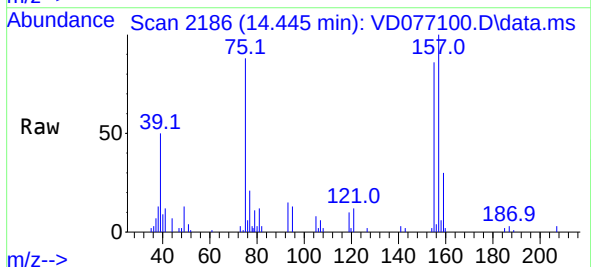
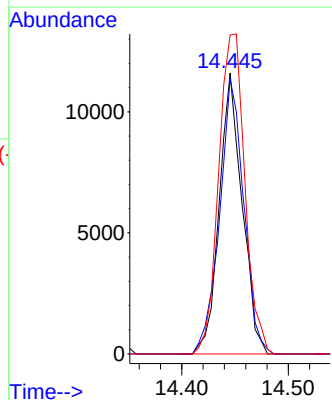
Delta R.T. -0.000 min

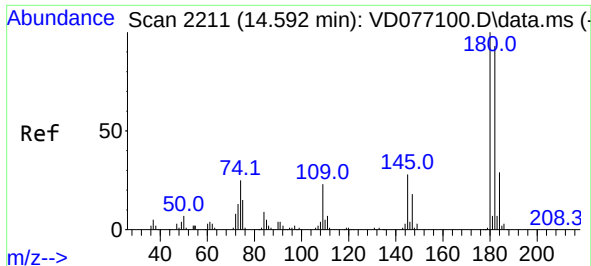
Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Tgt Ion: 75 Resp: 17272

Ion	Ratio	Lower	Upper
75	100		
155	97.9	79.0	118.6
157	113.6	100.2	150.4





#69

1,3,5-Trichlorobenzene

Concen: 24.119 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

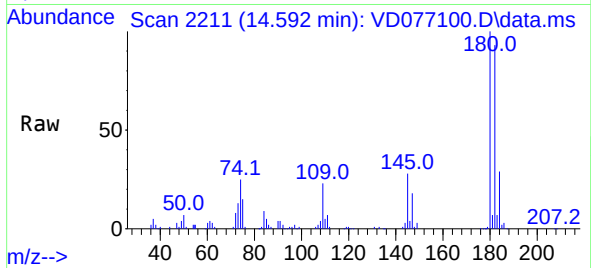
Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 163970

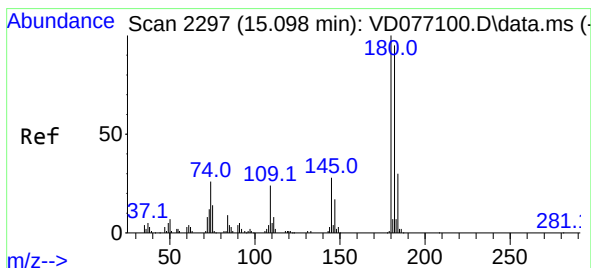
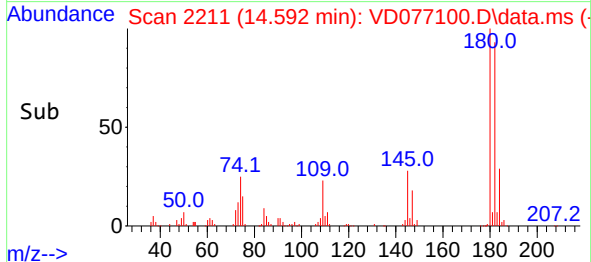
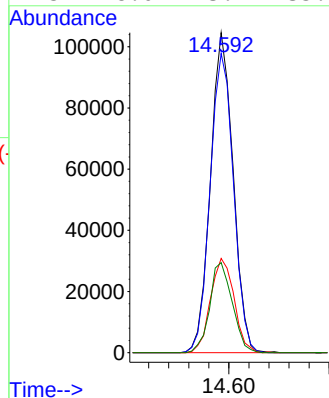
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.4

184 30.6 24.2 36.2

145 28.0 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 24.073 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077100.D

Acq: 13 Sep 2023 10:07

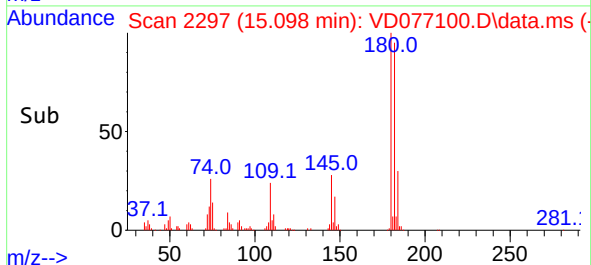
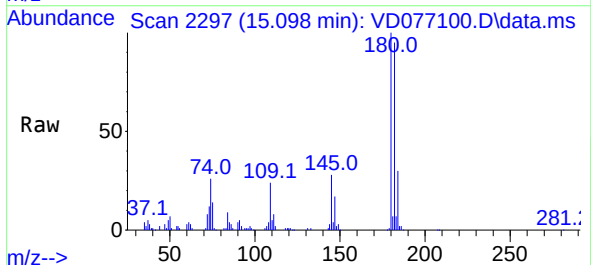
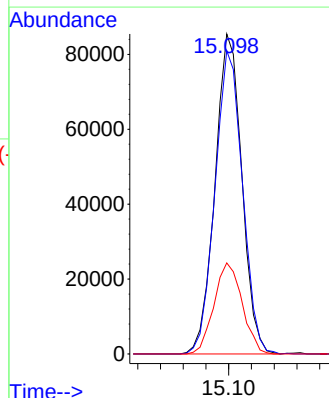
Tgt Ion:180 Resp: 140070

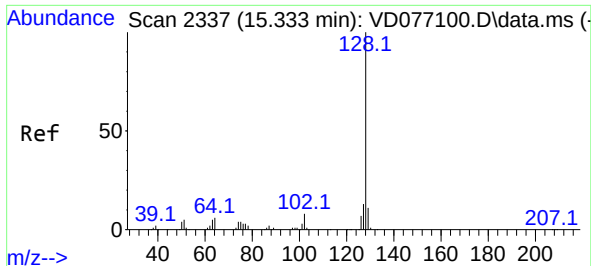
Ion Ratio Lower Upper

180 100

182 97.0 76.3 114.5

145 29.8 23.8 35.8

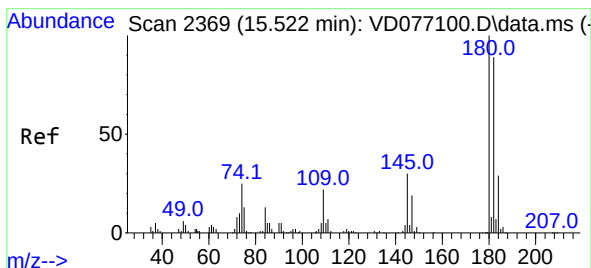
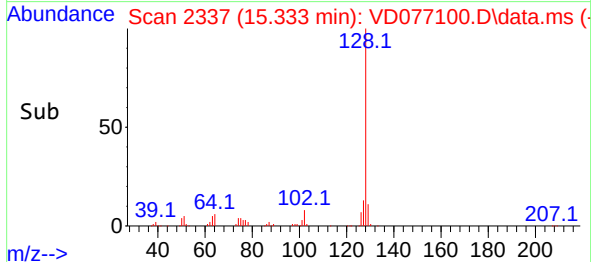
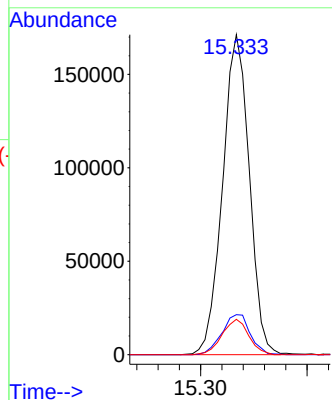
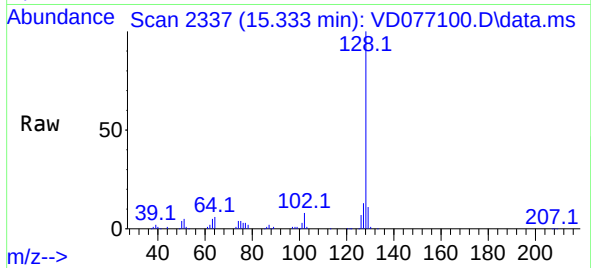




#71
Naphthalene
Concen: 25.614 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 297935
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.507 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077100.D
Acq: 13 Sep 2023 10:07

Tgt Ion:180 Resp: 136312
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 30.6 25.4 38.2

