

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090123\
 Data File : VD077080.D
 Acq On : 01 Sep 2023 11:19
 Operator : JC/SY
 Sample : VSTD02566
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 02 01:22:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	293333	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	293063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	159370	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	212764	24.965	ug/L	0.00
7) Chloroethane-d5	2.799	69	174292	22.762	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.917	65	48538	24.494	ug/L	0.00
21) 2-Butanone-d5	6.987	46	51964	41.043	ug/L	0.00
24) Chloroform-d	7.569	84	229123	23.506	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.228	65	110651	22.923	ug/L	0.00
32) Benzene-d6	8.199	84	472178	24.860	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	133575	23.282	ug/L	0.00
41) Toluene-d8	10.269	98	437511	25.161	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	62023	23.690	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	43655	41.488	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	119213	21.894	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	142235	23.992	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	103546	21.426	ug/L	100
3) Chloromethane	2.146	50	155261	24.565	ug/L	100
5) Vinyl chloride	2.281	62	209569	23.352	ug/L	100
6) Bromomethane	2.693	94	145564	22.028	ug/L	100
8) Chloroethane	2.834	64	137005	22.850	ug/L	100
9) Trichlorofluoromethane	3.175	101	188866	25.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	121993	24.932	ug/L	100
12) 1,1-Dichloroethene	3.940	96	109810	25.258	ug/L	100
13) Acetone	4.016	43	65984	49.978	ug/L	100
14) Carbon disulfide	4.269	76	354963	23.958	ug/L	100
15) Methyl Acetate	4.569	43	46854	21.433	ug/L	# 77
16) Methylene chloride	4.805	84	136673	22.070	ug/L	100
17) trans-1,2-Dichloroethene	5.311	96	118802	24.368	ug/L	100
18) Methyl tert-butyl Ether	5.316	73	255415	23.974	ug/L	100
19) 1,1-Dichloroethane	6.111	63	200832	24.583	ug/L	100
20) cis-1,2-Dichloroethene	7.075	96	137060	25.052	ug/L	100
22) 2-Butanone	7.075	43	80050	44.036	ug/L	100
23) Bromochloromethane	7.428	128	64579	24.340	ug/L	100
25) Chloroform	7.599	83	223818	24.951	ug/L	100
27) 1,2-Dichloroethane	8.328	62	134222	24.059	ug/L	100
29) Cyclohexane	7.875	56	160803	25.111	ug/L	100
30) 1,1,1-Trichloroethane	7.793	97	192411	26.176	ug/L	100
31) Carbon tetrachloride	7.993	117	165511	27.346	ug/L	100
33) Benzene	8.252	78	497797	25.844	ug/L	100
34) Trichloroethene	9.028	95	126457	25.108	ug/L	100
35) Methylcyclohexane	9.275	83	206649	25.438	ug/L	100
37) 1,2-Dichloropropane	9.304	63	123228	25.275	ug/L	100
38) Bromodichloromethane	9.587	83	169174	25.163	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	201810	25.645	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	140561	46.432	ug/L	100
42) Toluene	10.334	91	543262	25.944	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	172363	25.115	ug/L	100

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 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:20:28 2023
 Response via : Initial Calibration

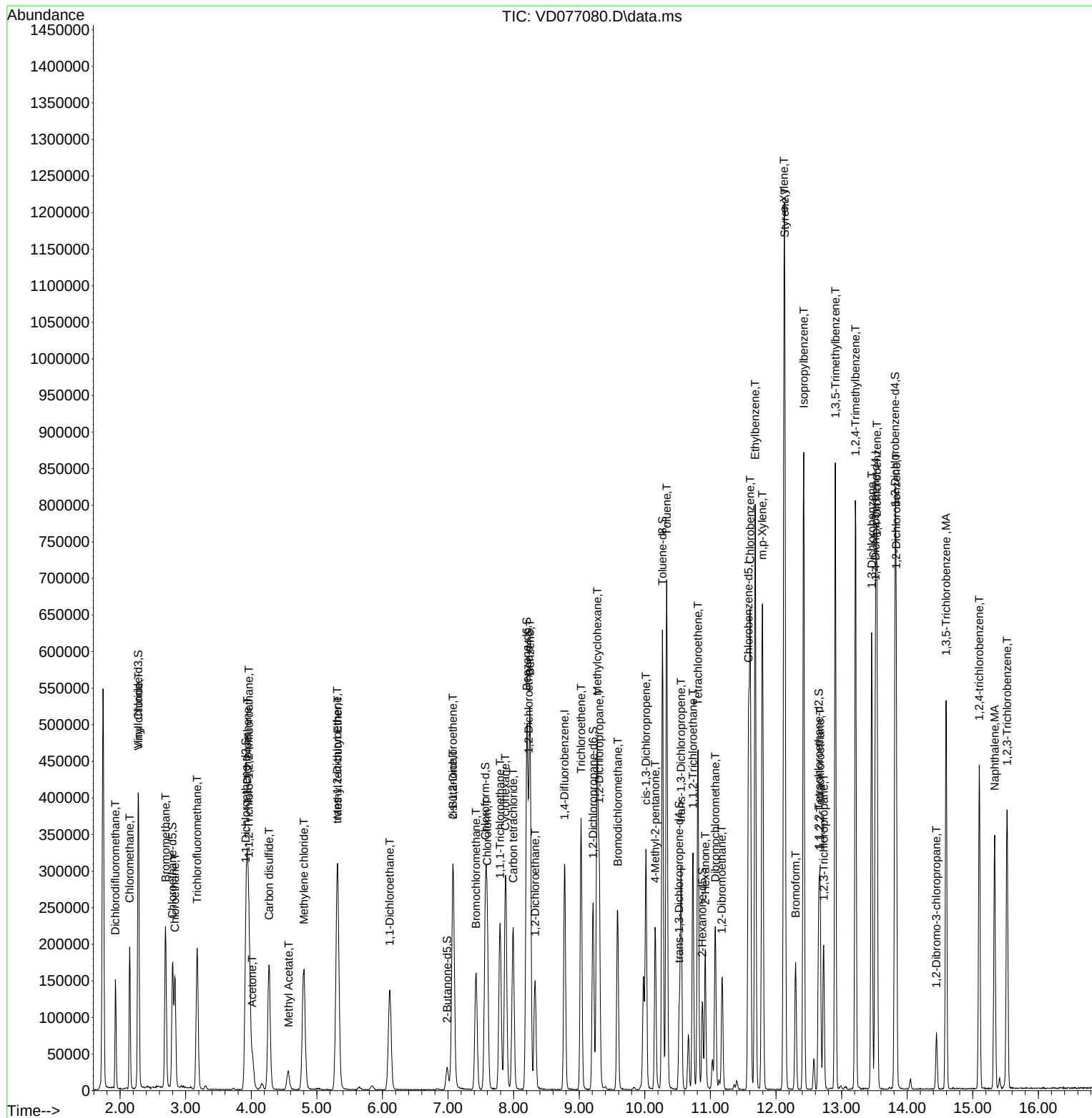
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.734	97	103203	24.109	ug/L	100
46) Tetrachloroethene	10.810	164	103457	26.999	ug/L	100
48) 2-Hexanone	10.922	43	109644	47.263	ug/L	100
49) Dibromochloromethane	11.075	129	121128	24.968	ug/L	100
50) 1,2-Dibromoethane	11.175	107	104031	24.723	ug/L	100
51) Chlorobenzene	11.604	112	357915	25.976	ug/L	100
52) Ethylbenzene	11.681	91	588165	26.304	ug/L	100
53) m,p-Xylene	11.793	106	229137	26.470	ug/L	100
54) o-Xylene	12.122	106	220412	26.463	ug/L	100
55) Styrene	12.134	104	403282	26.821	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	124542	23.606	ug/L	100
59) Bromoform	12.298	173	79494	25.090	ug/L	100
60) Isopropylbenzene	12.422	105	580570	25.432	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	81987	22.578	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	454020	25.994	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	448726	25.920	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	266329	25.355	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	271786	25.107	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	243683	24.836	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.445	75	18378	21.858	ug/L	100
69) 1,3,5-Trichlorobenzene	14.592	180	170391	25.832	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	146339	25.294	ug/L	100
71) Naphthalene	15.334	128	305393	23.014	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	134026	25.620	ug/L	100

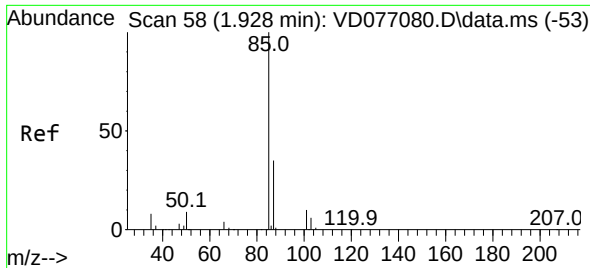
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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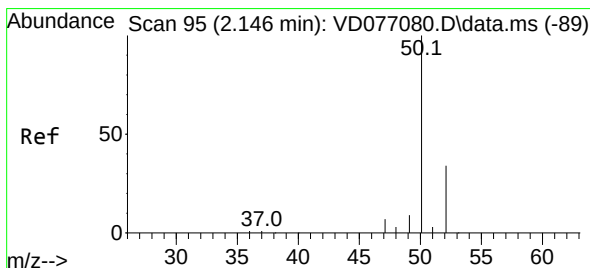
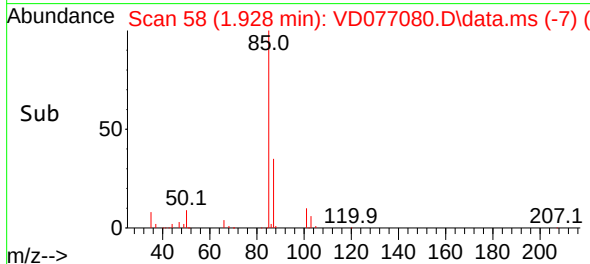
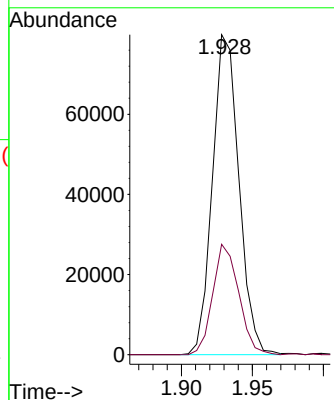
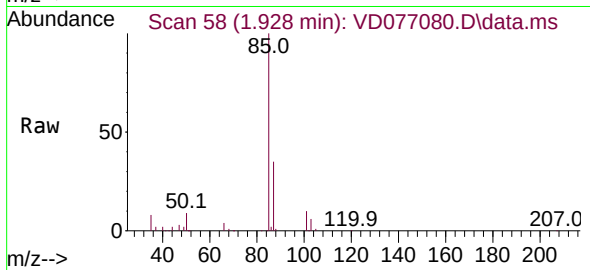




#2
 Dichlorodifluoromethane
 Concen: 21.426 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

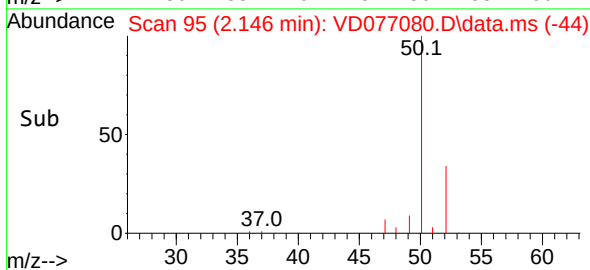
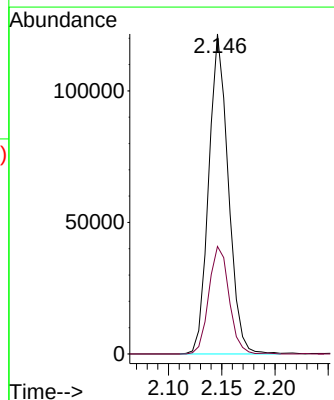
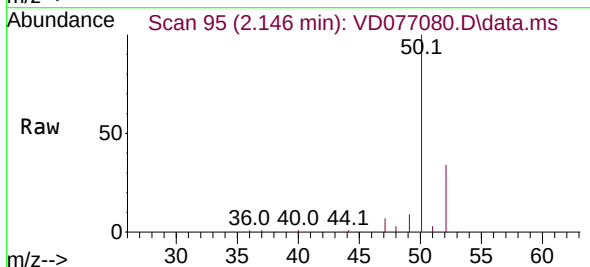
Instrument :
 MSVOA_D
 ClientSampleId :

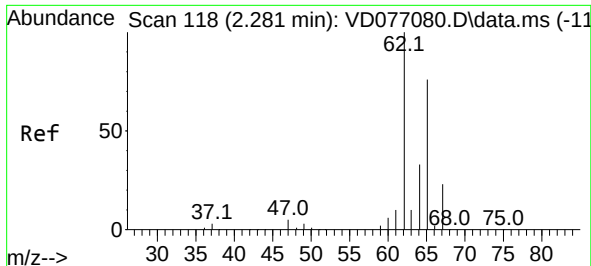
Tgt Ion: 85 Resp: 103546
 Ion Ratio Lower Upper
 85 100
 87 33.8 27.0 40.6



#3
 Chloromethane
 Concen: 24.565 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

Tgt Ion: 50 Resp: 155261
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.5 43.7

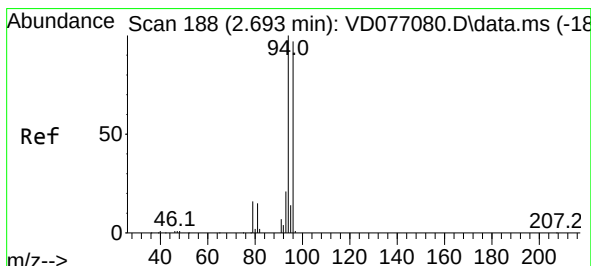
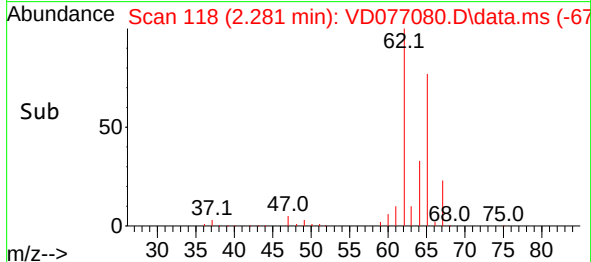
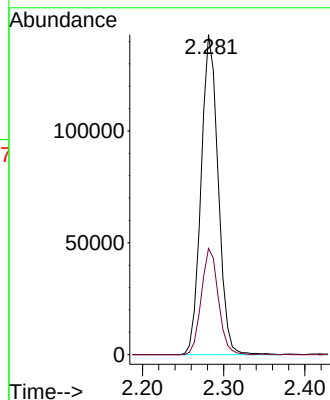
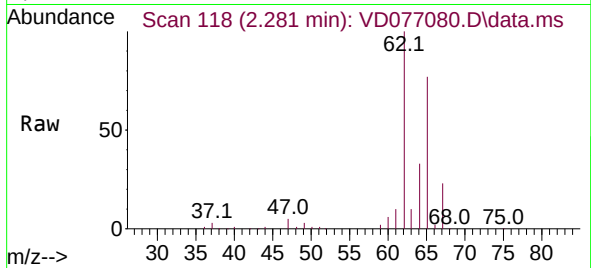




#5
 Vinyl chloride
 Concen: 23.352 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

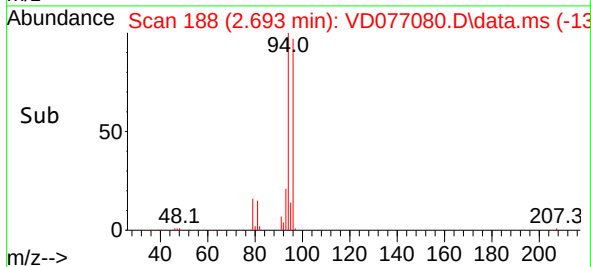
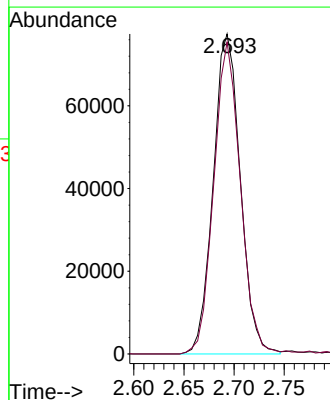
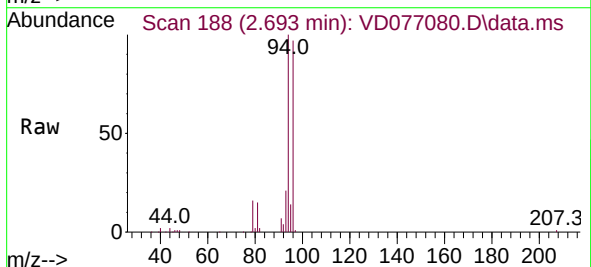
Instrument :
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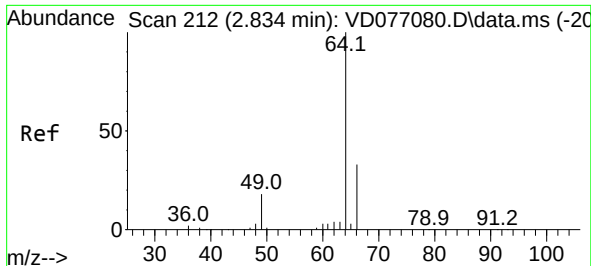
Tgt Ion: 62 Resp: 209569
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 22.028 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

Tgt Ion: 94 Resp: 145564
 Ion Ratio Lower Upper
 94 100
 96 97.4 68.2 126.6

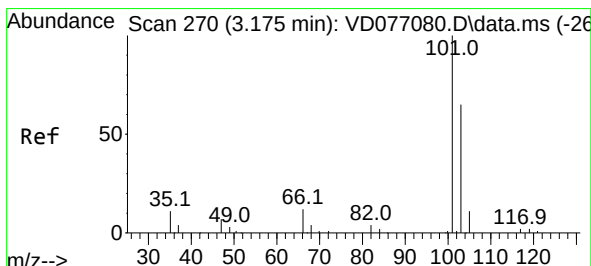
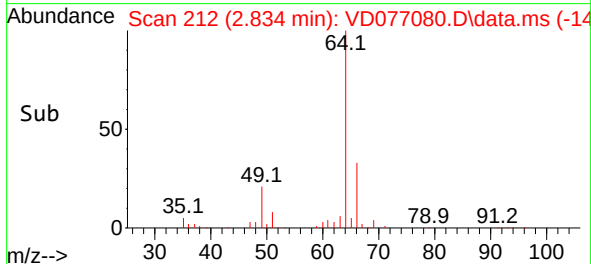
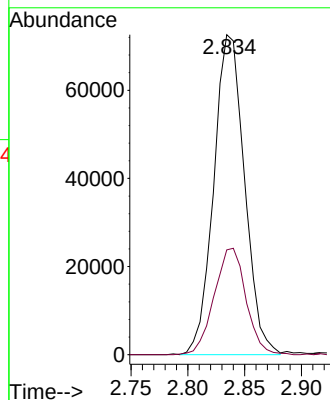
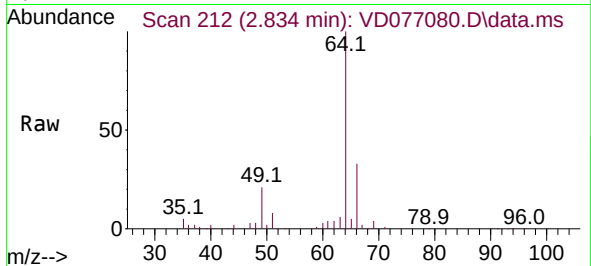




#8
Chloroethane
Concen: 22.850 ug/L
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

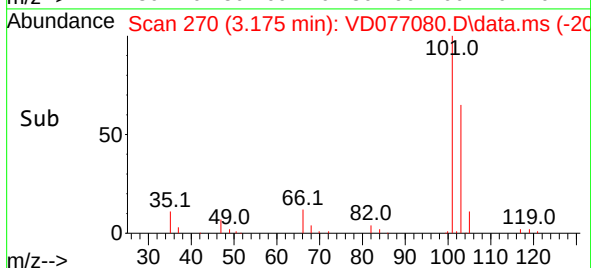
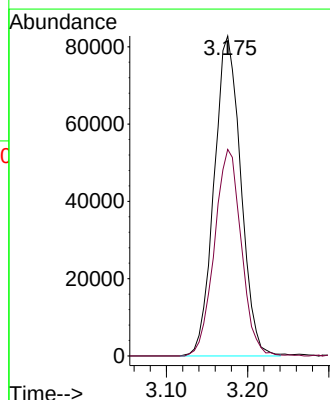
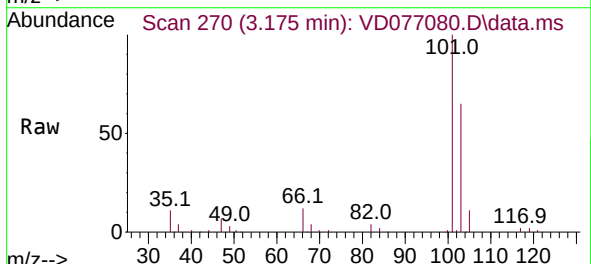
Instrument :
MSVOA_D
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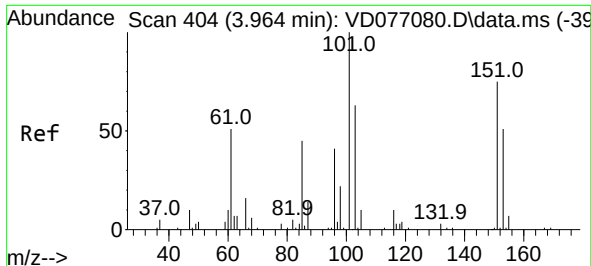
Tgt Ion: 64 Resp: 137005
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 25.105 ug/L
RT: 3.175 min Scan# 270
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion:101 Resp: 188866
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

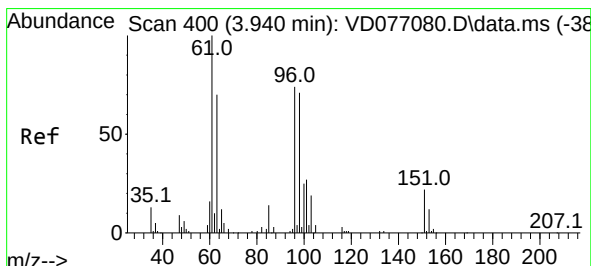
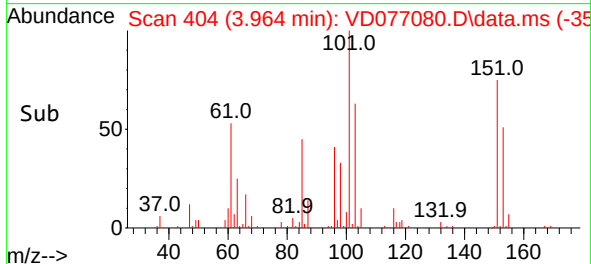
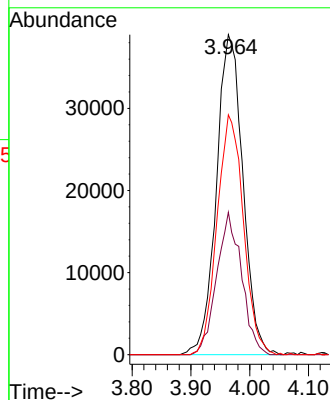
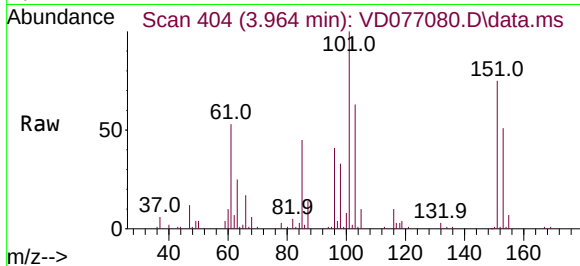




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.932 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

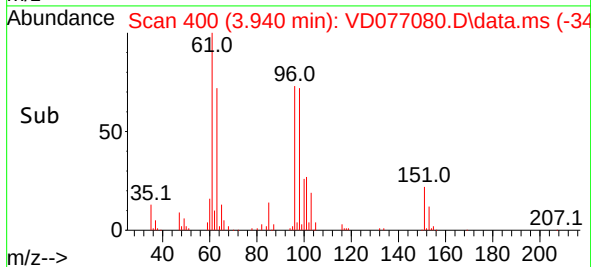
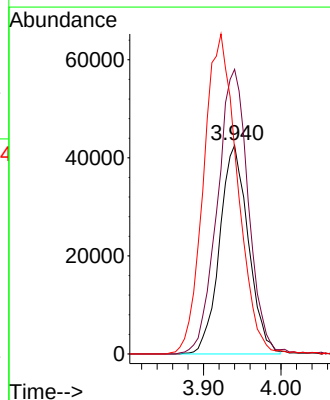
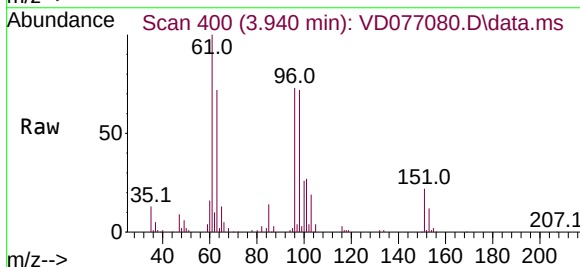
Instrument :
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 ClientSampleId :

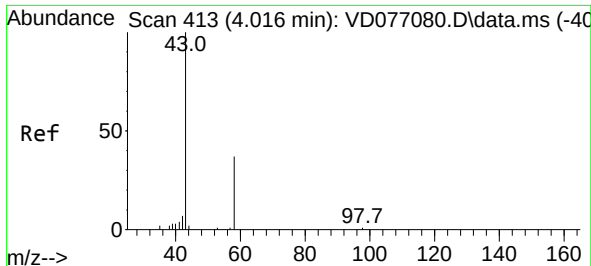
Tgt Ion:101 Resp: 121993
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.2
 151 74.5 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 25.258 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

Tgt Ion: 96 Resp: 109810
 Ion Ratio Lower Upper
 96 100
 61 136.4 95.5 177.3
 63 98.0 68.6 127.4





#13

Acetone

Concen: 49.978 ug/L

RT: 4.016 min Scan# 413

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

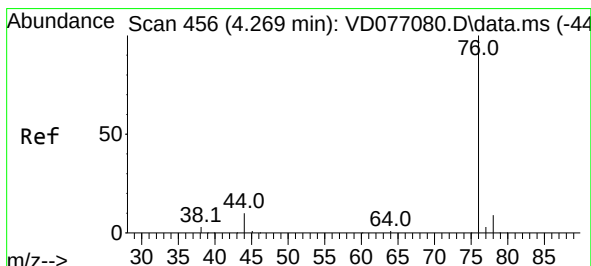
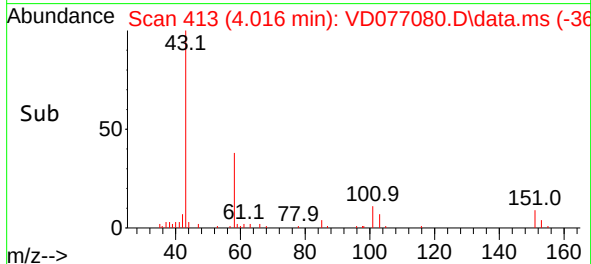
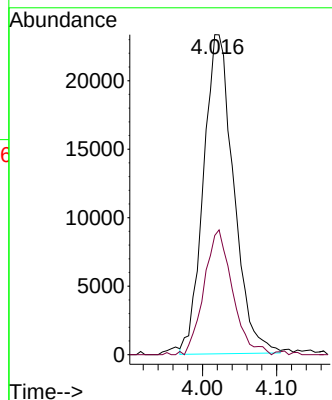
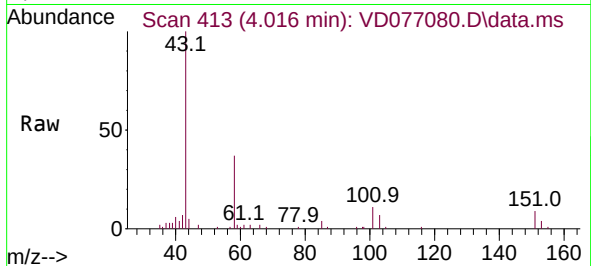
ClientSampleId :

Tgt Ion: 43 Resp: 65984

Ion Ratio Lower Upper

43 100

58 35.9 0.0 71.8



#14

Carbon disulfide

Concen: 23.958 ug/L

RT: 4.269 min Scan# 456

Delta R.T. 0.000 min

Lab File: VD077080.D

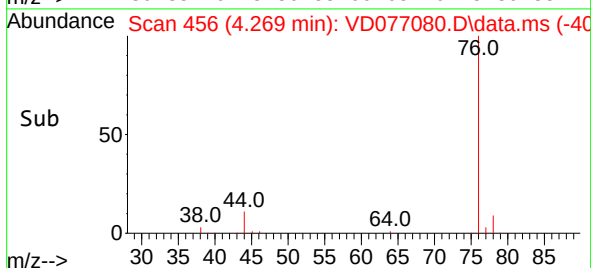
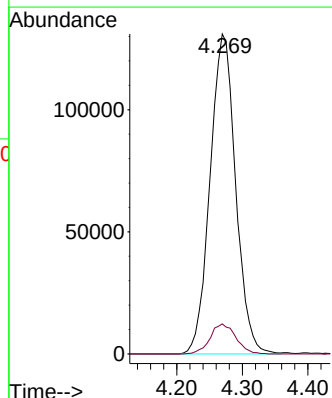
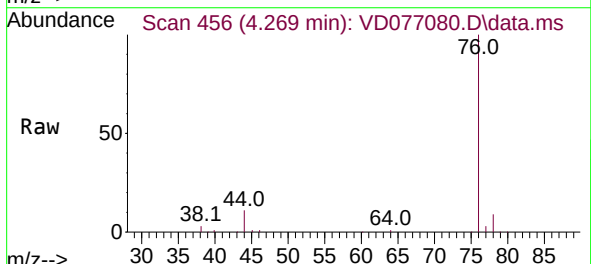
Acq: 01 Sep 2023 11:19

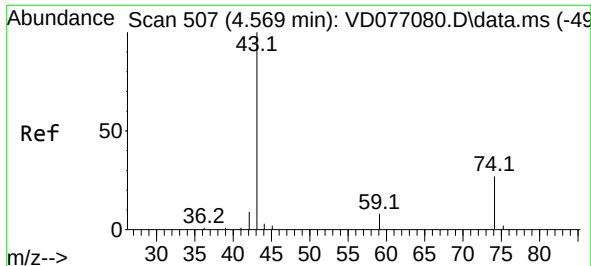
Tgt Ion: 76 Resp: 354963

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

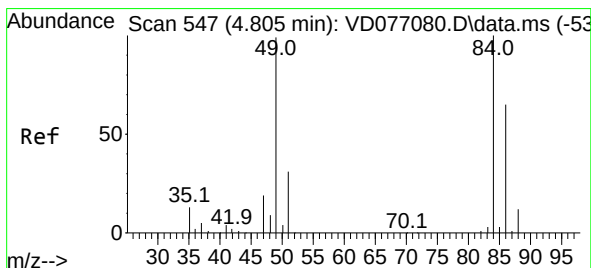
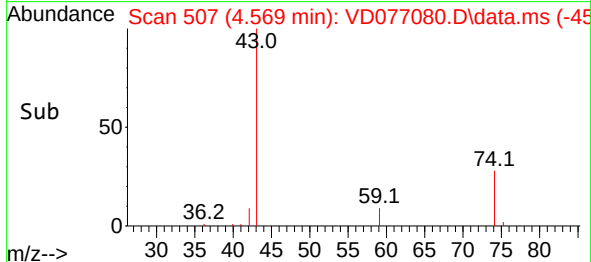
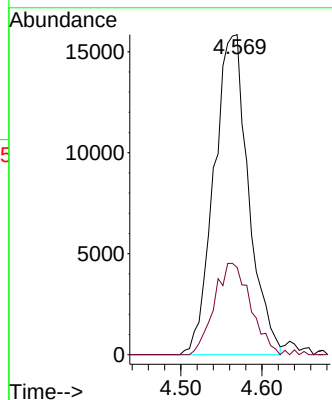
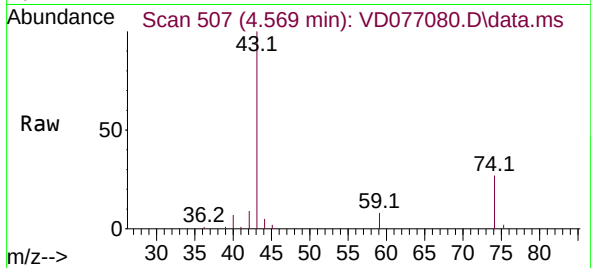




#15
Methyl Acetate
Concen: 21.433 ug/L
RT: 4.569 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

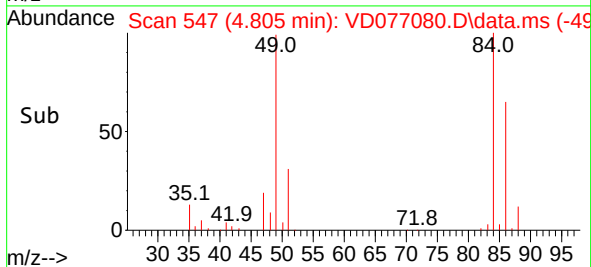
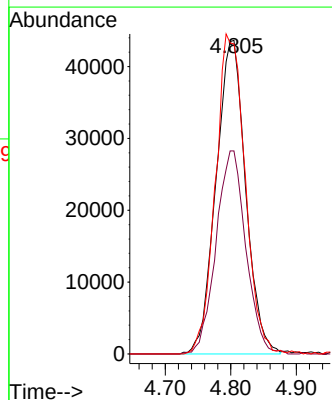
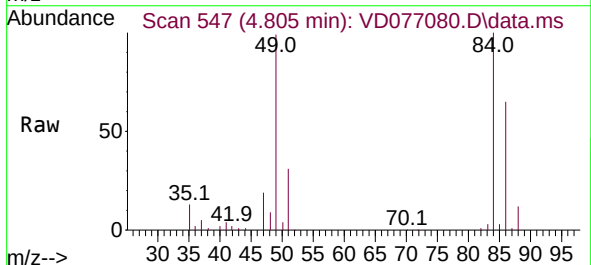
Instrument :
MSVOA_D
ClientSampleId :

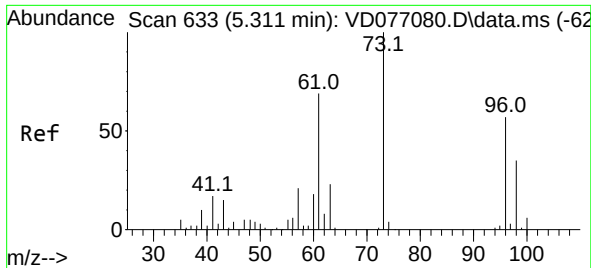
Tgt Ion: 43 Resp: 46854
Ion Ratio Lower Upper
43 100
74 30.0 0.2 0.2#



#16
Methylene chloride
Concen: 22.070 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 84 Resp: 136673
Ion Ratio Lower Upper
84 100
86 64.7 45.3 84.1
49 98.9 69.2 128.6

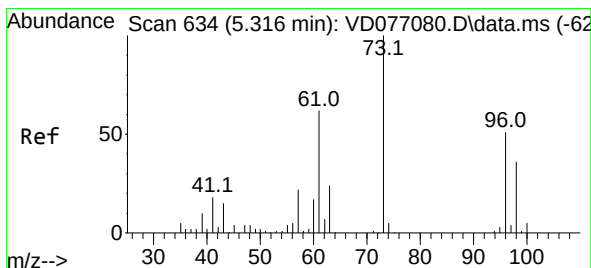
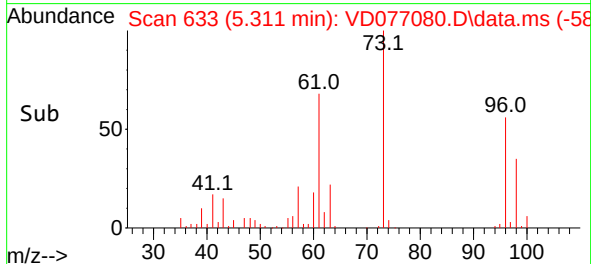
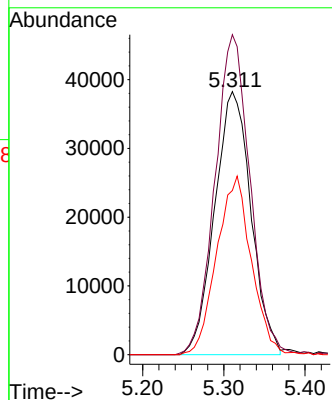
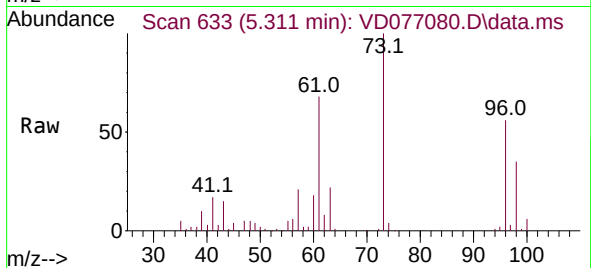




#17
trans-1,2-Dichloroethene
Concen: 24.368 ug/L
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

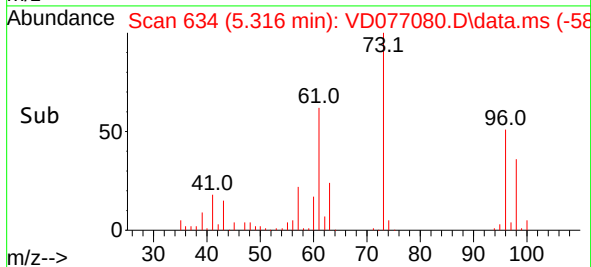
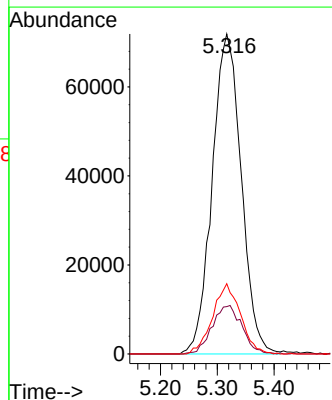
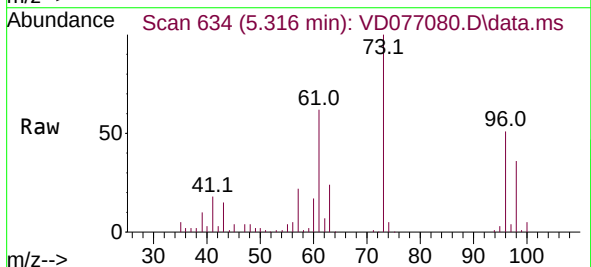
Instrument :
MSVOA_D
ClientSampleId :

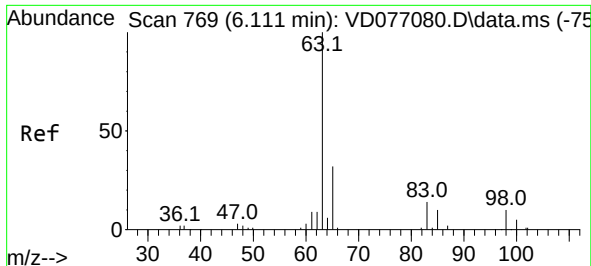
Tgt Ion: 96 Resp: 118802
Ion Ratio Lower Upper
96 100
61 121.6 85.1 158.1
98 62.4 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 23.974 ug/L
RT: 5.316 min Scan# 634
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 73 Resp: 255415
Ion Ratio Lower Upper
73 100
43 15.6 12.5 18.7
57 21.0 16.8 25.2





#19

1,1-Dichloroethane

Concen: 24.583 ug/L

RT: 6.111 min Scan# 769

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

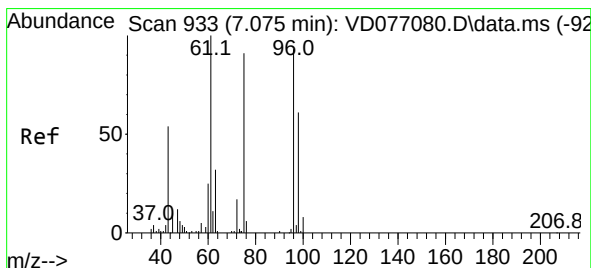
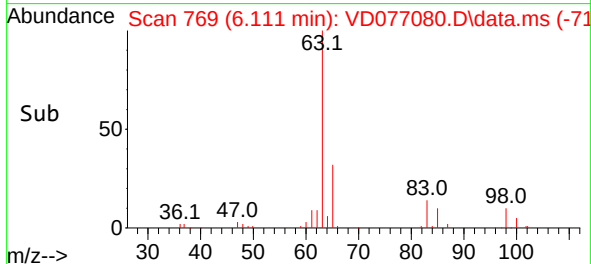
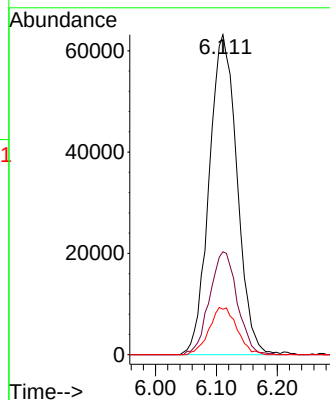
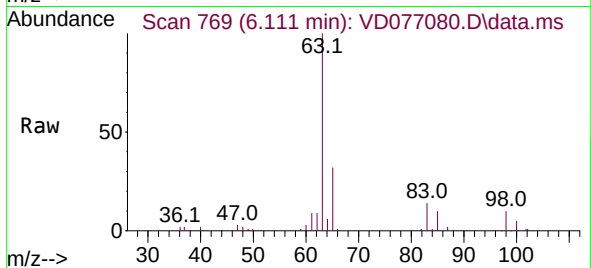
Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63 Resp: 200832

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.5	41.9
83	14.2	9.9	18.5



#20

cis-1,2-Dichloroethene

Concen: 25.052 ug/L

RT: 7.075 min Scan# 933

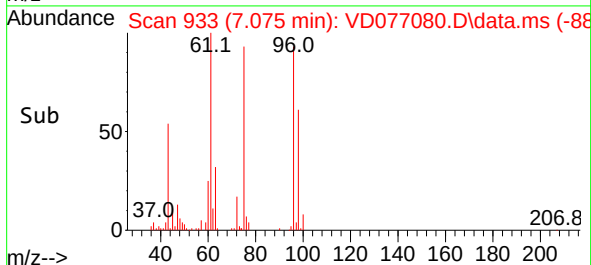
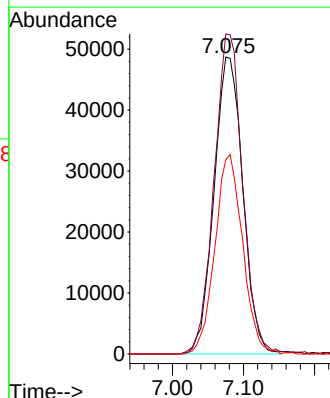
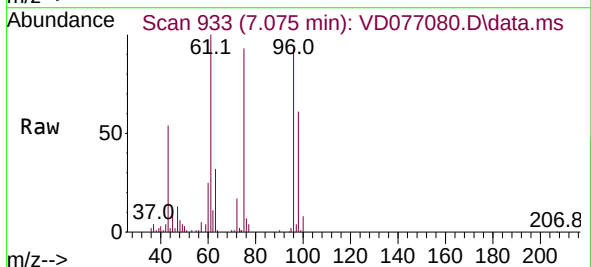
Delta R.T. 0.000 min

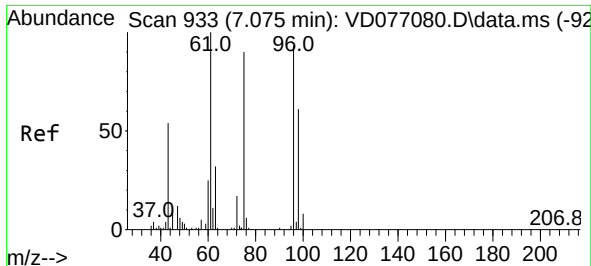
Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Tgt Ion: 96 Resp: 137060

Ion	Ratio	Lower	Upper
96	100		
61	107.8	75.5	140.1
98	65.4	45.8	85.0

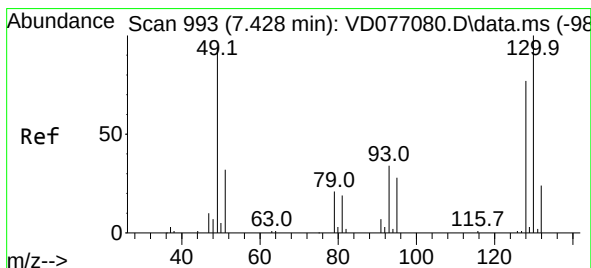
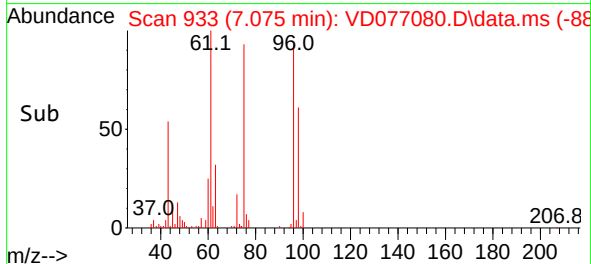
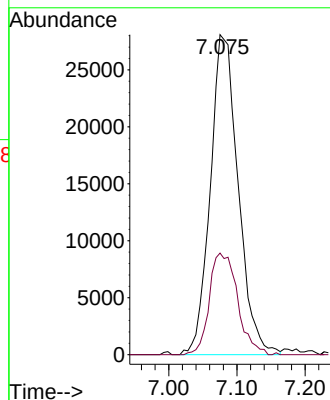
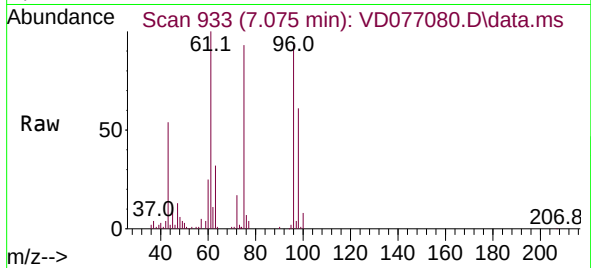




#22
2-Butanone
Concen: 44.036 ug/L
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

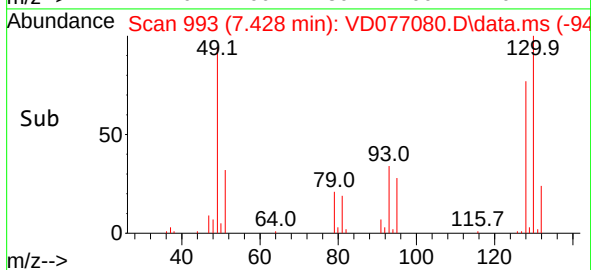
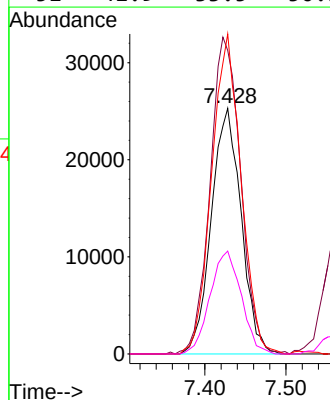
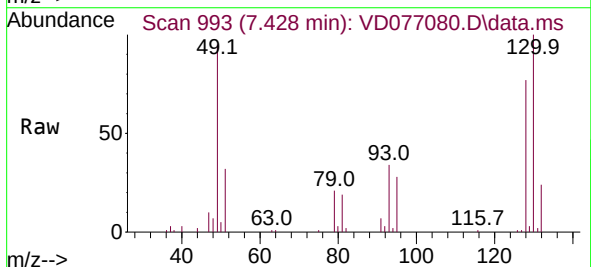
Instrument :
MSVOA_D
ClientSampleId :

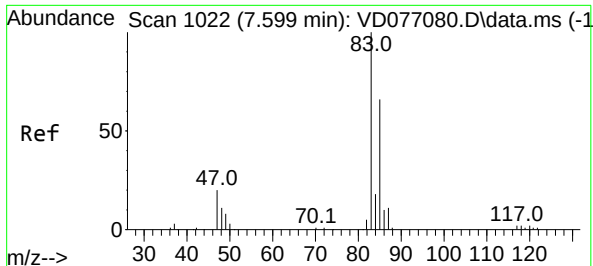
Tgt Ion: 43 Resp: 80050
Ion Ratio Lower Upper
43 100
72 32.0 16.0 48.0



#23
Bromochloromethane
Concen: 24.340 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 128 Resp: 64579
Ion Ratio Lower Upper
128 100
49 123.5 86.5 160.6
130 130.3 91.2 169.4
51 41.9 33.5 50.3





#25

Chloroform

Concen: 24.951 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

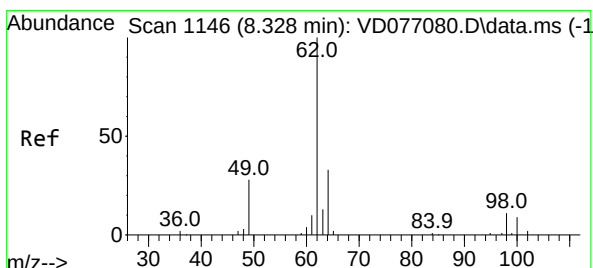
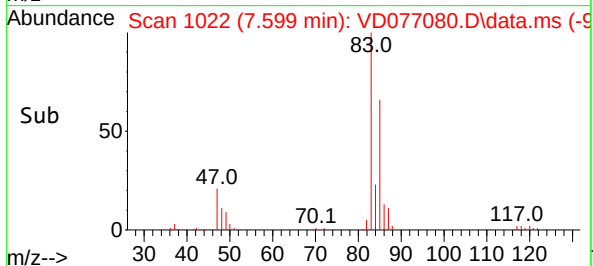
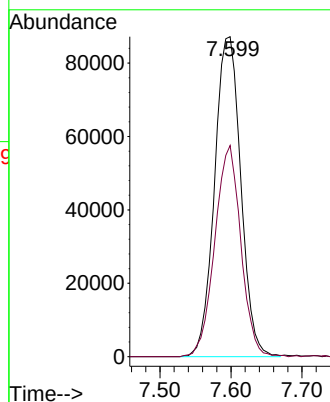
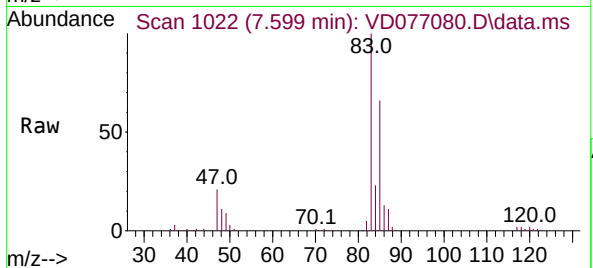
ClientSampleId :

Tgt Ion: 83 Resp: 223818

Ion Ratio Lower Upper

83 100

85 66.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 24.059 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077080.D

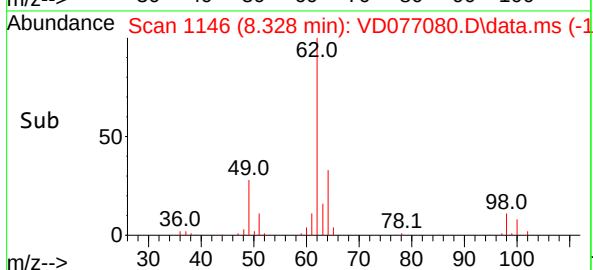
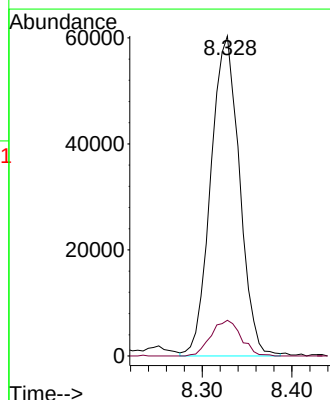
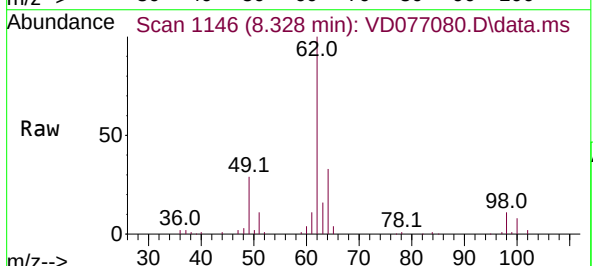
Acq: 01 Sep 2023 11:19

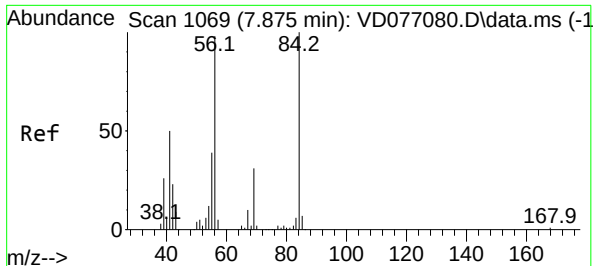
Tgt Ion: 62 Resp: 134222

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.4





#29

Cyclohexane

Concen: 25.111 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

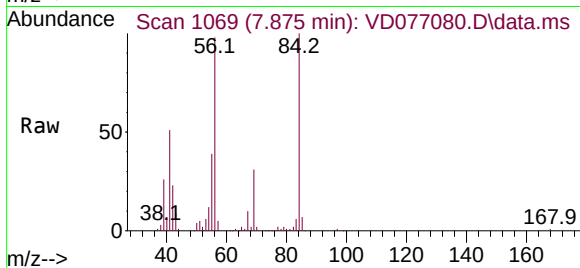
Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :



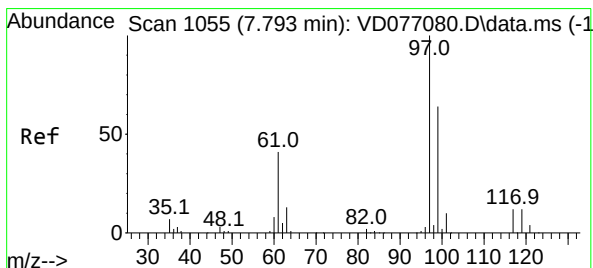
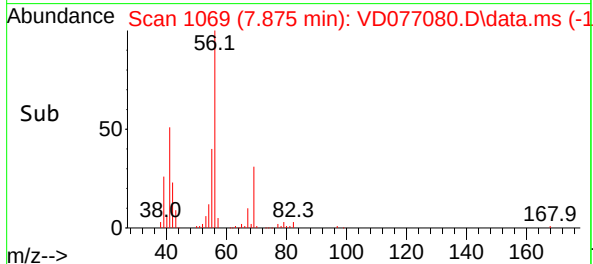
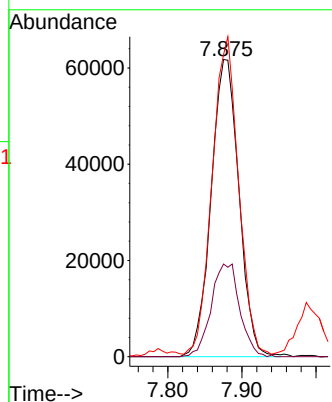
Tgt Ion: 56 Resp: 160803

Ion Ratio Lower Upper

56 100

69 31.9 25.5 38.3

84 103.3 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 26.176 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

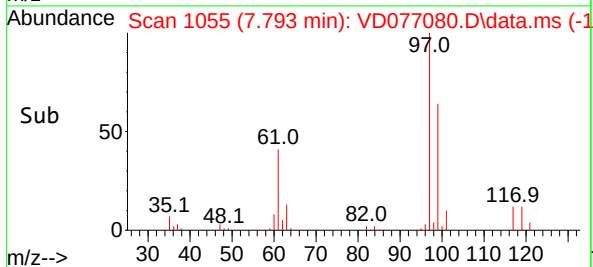
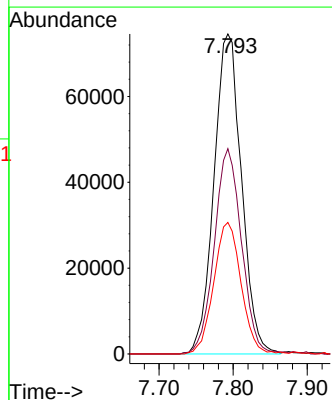
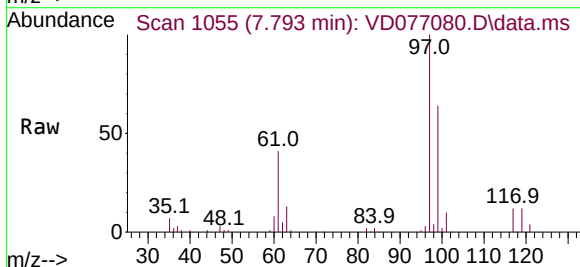
Tgt Ion: 97 Resp: 192411

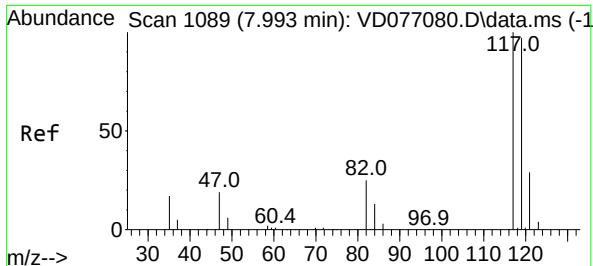
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 40.7 32.6 48.8

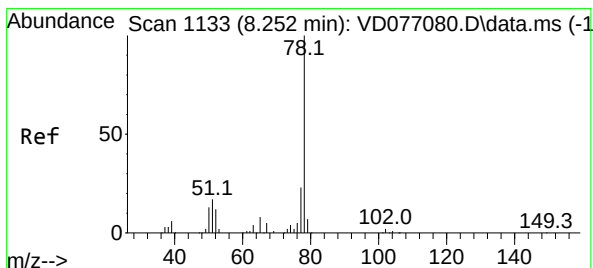
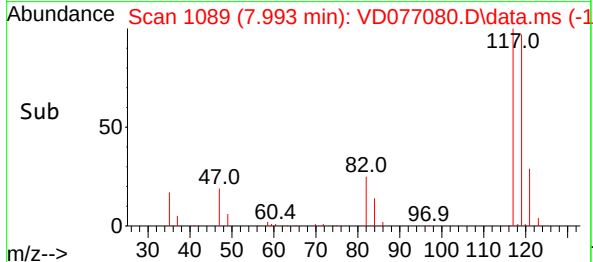
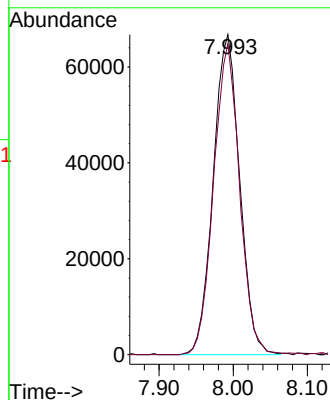
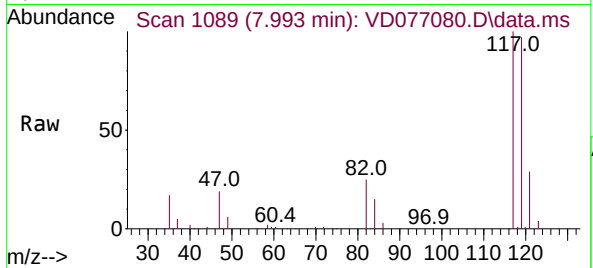




#31
Carbon tetrachloride
Concen: 27.346 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

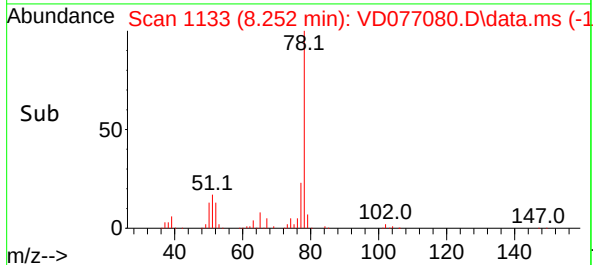
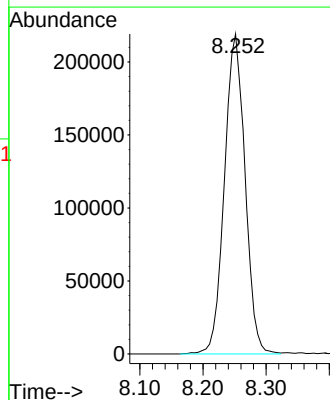
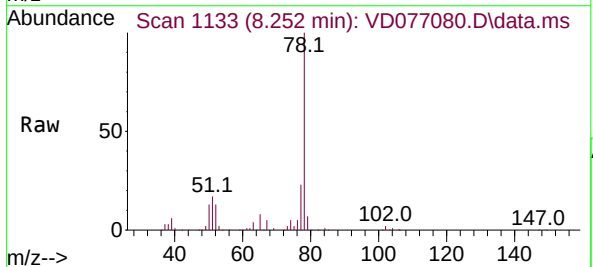
Instrument :
MSVOA_D
ClientSampleId :

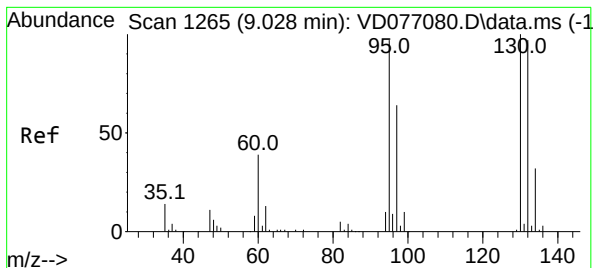
Tgt Ion:117 Resp: 165511
Ion Ratio Lower Upper
117 100
119 95.3 76.2 114.4



#33
Benzene
Concen: 25.844 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 78 Resp: 497797





#34

Trichloroethene

Concen: 25.108 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 126457

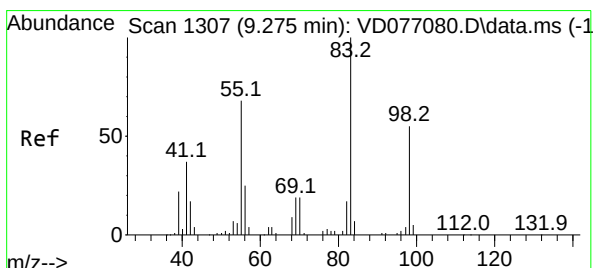
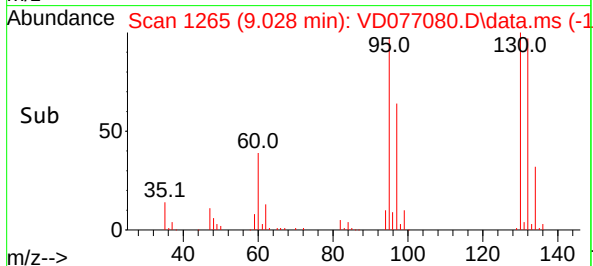
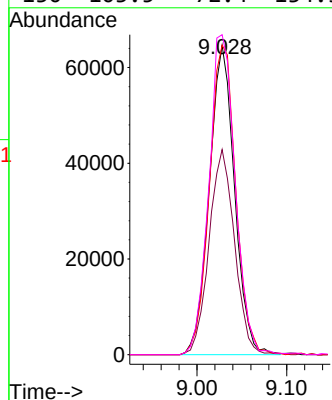
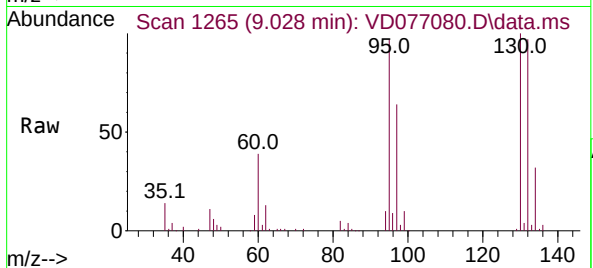
Ion Ratio Lower Upper

95 100

97 66.3 46.4 86.2

132 100.1 70.1 130.1

130 103.5 72.4 134.5



#35

Methylcyclohexane

Concen: 25.438 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

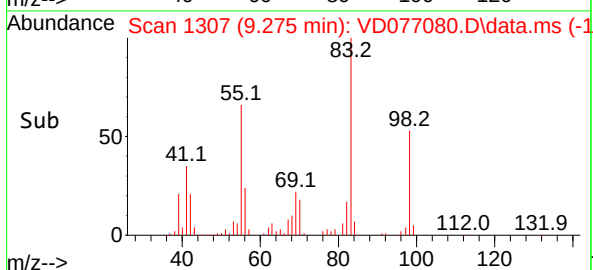
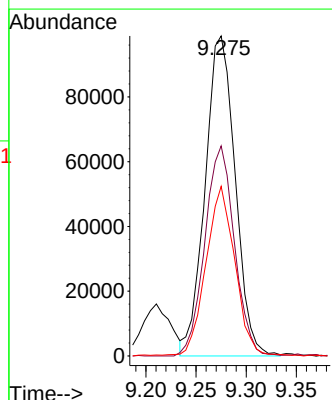
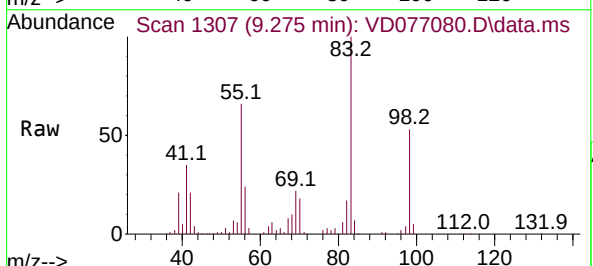
Tgt Ion: 83 Resp: 206649

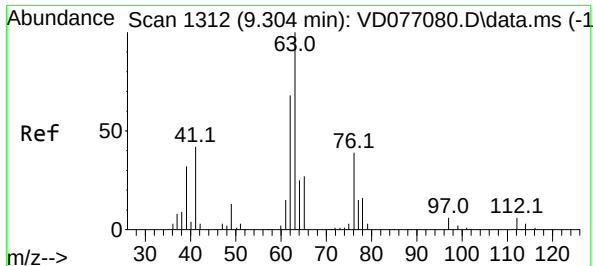
Ion Ratio Lower Upper

83 100

55 64.4 51.5 77.3

98 50.9 40.7 61.1





#37

1,2-Dichloropropane

Concen: 25.275 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

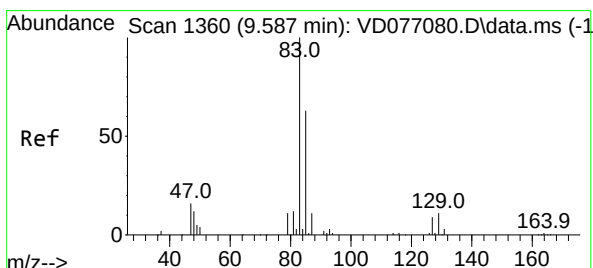
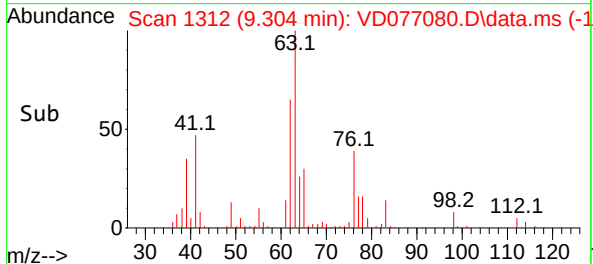
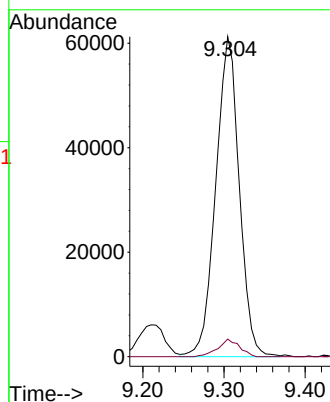
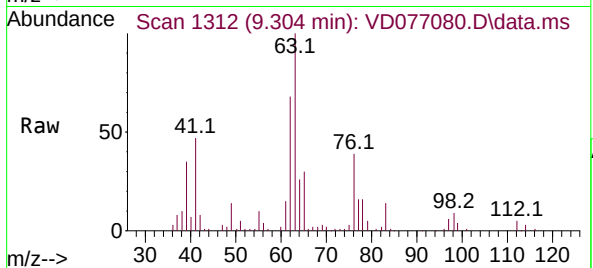
ClientSampleId :

Tgt Ion: 63 Resp: 123228

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 25.163 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

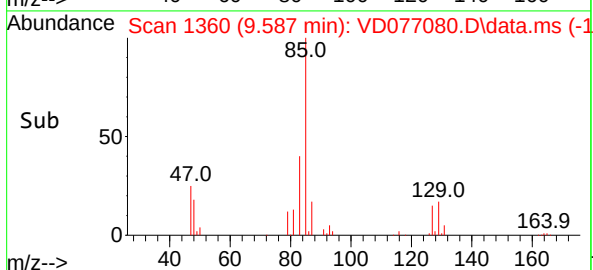
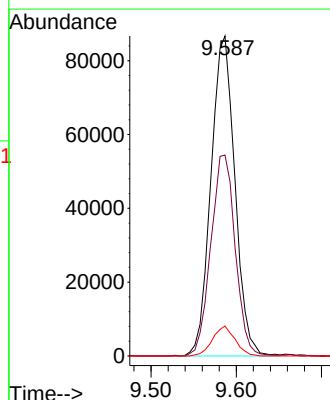
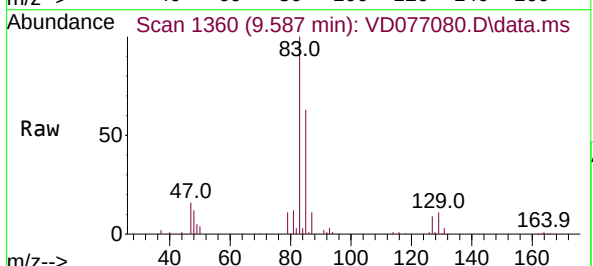
Tgt Ion: 83 Resp: 169174

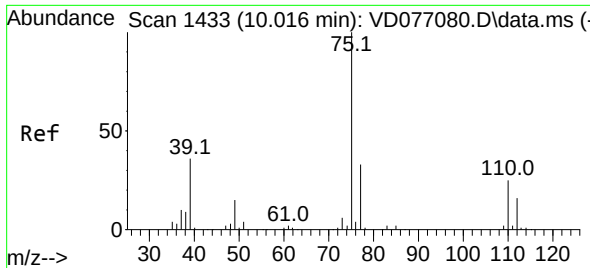
Ion Ratio Lower Upper

83 100

85 62.8 44.0 81.6

127 9.4 7.5 11.3

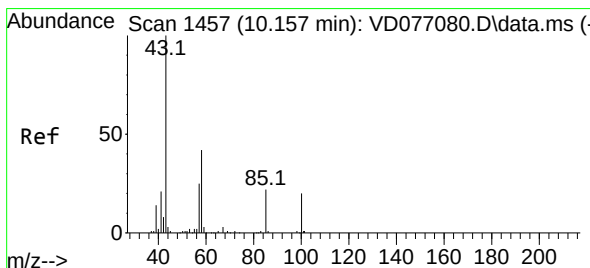
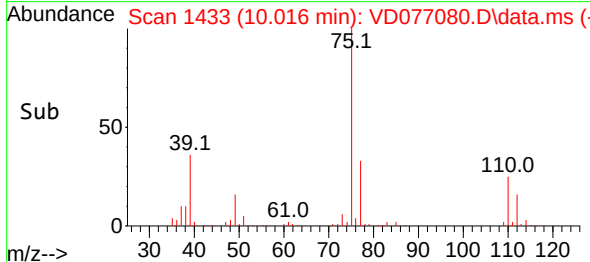
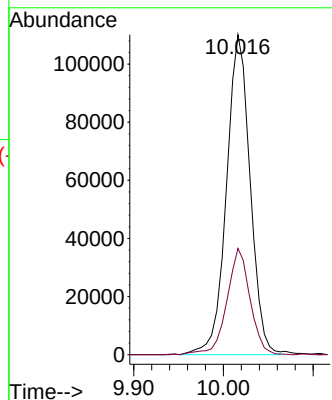
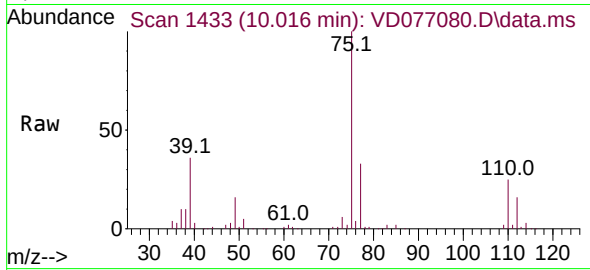




#39
 cis-1,3-Dichloropropene
 Concen: 25.645 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

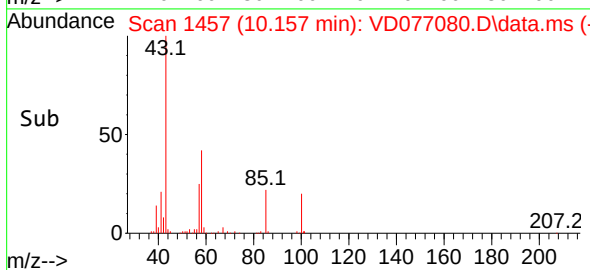
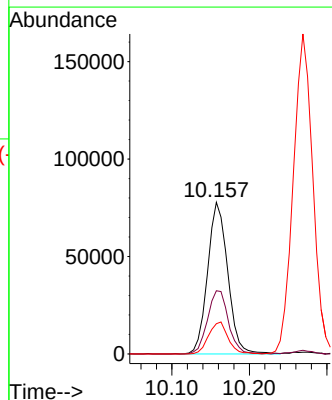
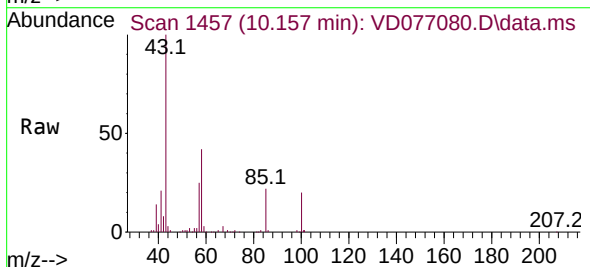
Instrument :
 MSVOA_D
 ClientSampleId :

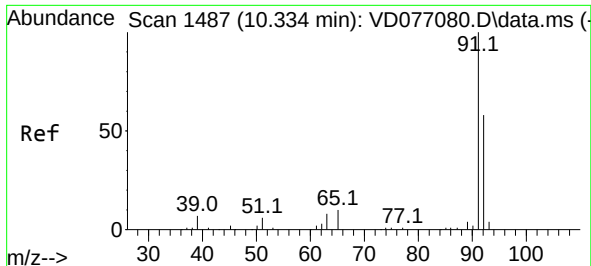
Tgt Ion: 75 Resp: 201810
 Ion Ratio Lower Upper
 75 100
 77 33.2 23.2 43.2



#40
 4-Methyl-2-pentanone
 Concen: 46.432 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

Tgt Ion: 43 Resp: 140561
 Ion Ratio Lower Upper
 43 100
 58 43.2 34.6 51.8
 100 20.3 16.2 24.4

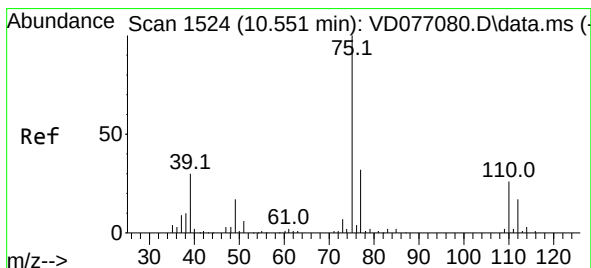
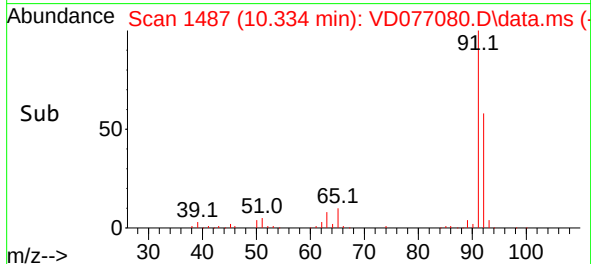
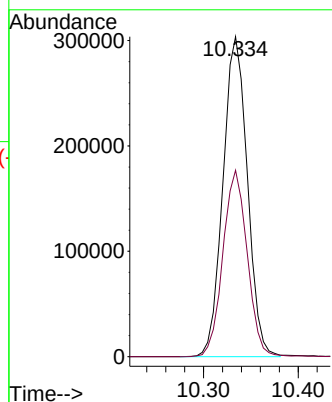
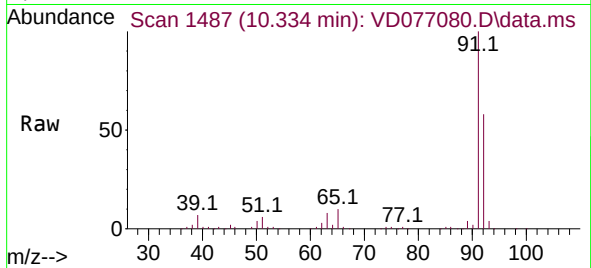




#42
Toluene
Concen: 25.944 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

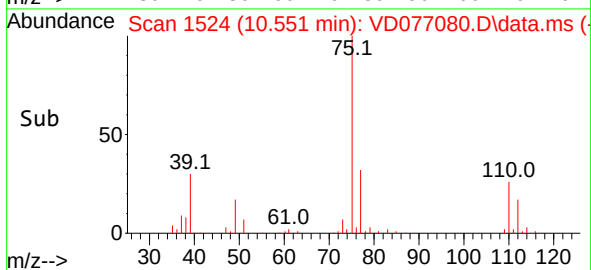
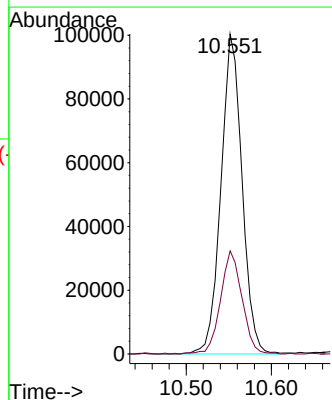
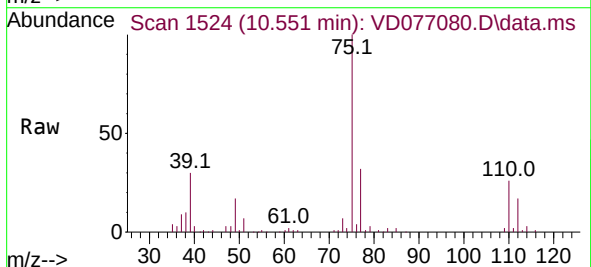
Instrument :
MSVOA_D
ClientSampleId :

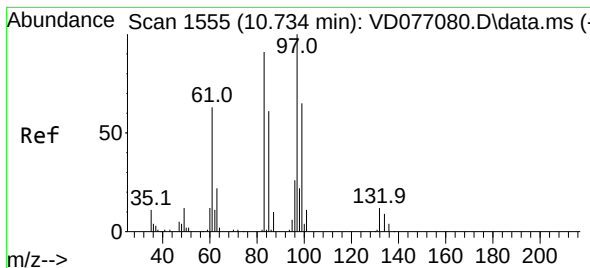
Tgt Ion: 91 Resp: 543262
Ion Ratio Lower Upper
91 100
92 58.3 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 25.115 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 75 Resp: 172363
Ion Ratio Lower Upper
75 100
77 32.2 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.109 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 103203

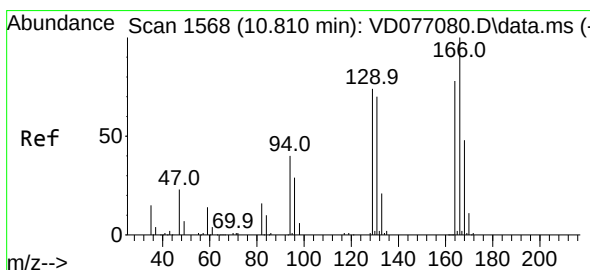
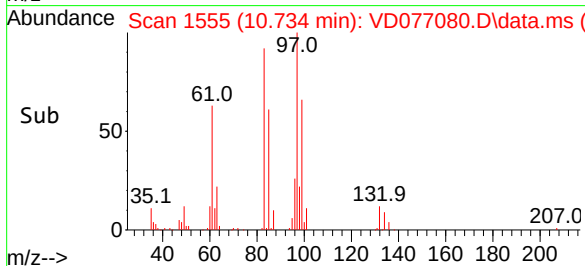
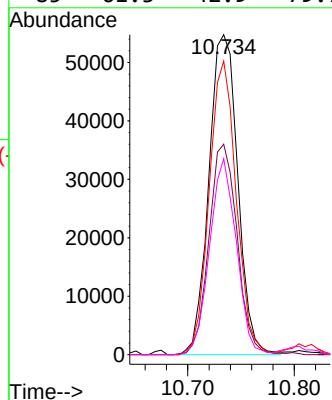
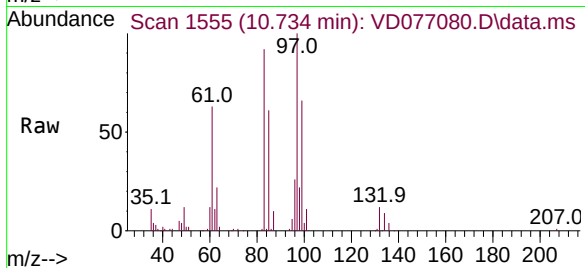
Ion Ratio Lower Upper

97 100

99 65.8 46.1 85.5

83 91.8 64.3 119.3

85 61.3 42.9 79.7



#46

Tetrachloroethene

Concen: 26.999 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Tgt Ion:164 Resp: 103457

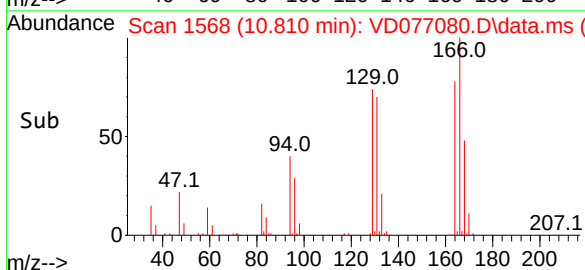
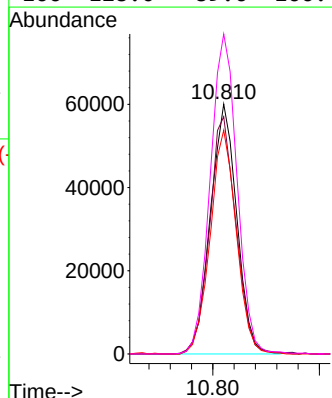
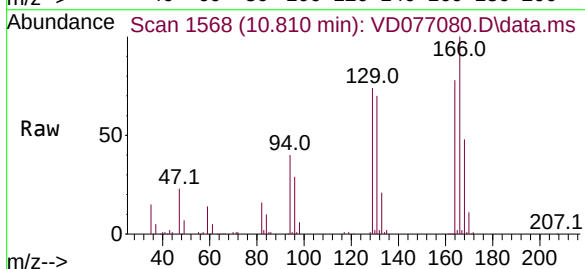
Ion Ratio Lower Upper

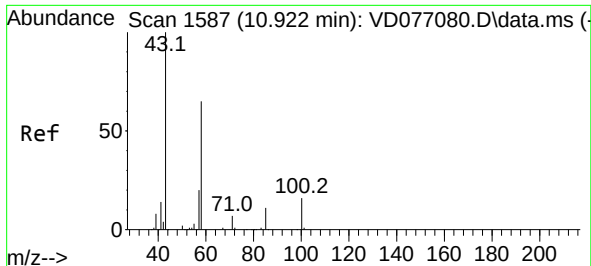
164 100

129 94.9 66.4 123.4

131 89.5 62.6 116.3

166 128.0 89.6 166.4

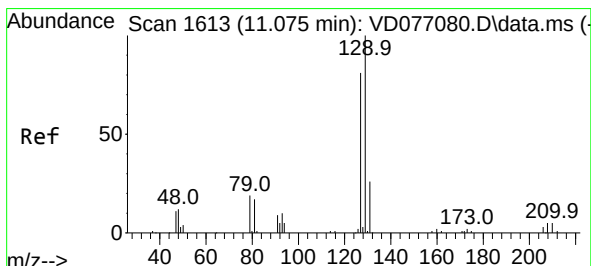
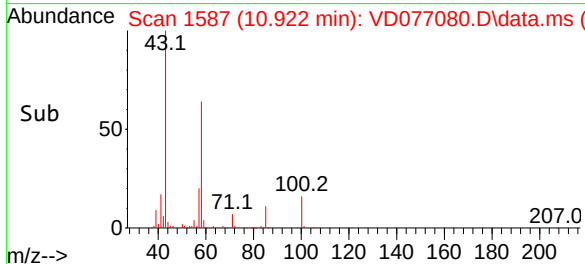
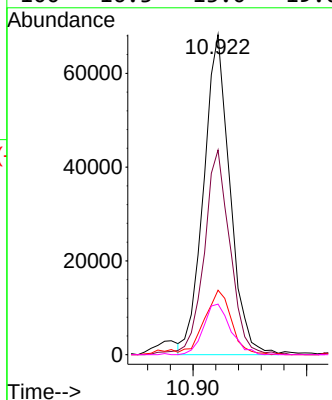
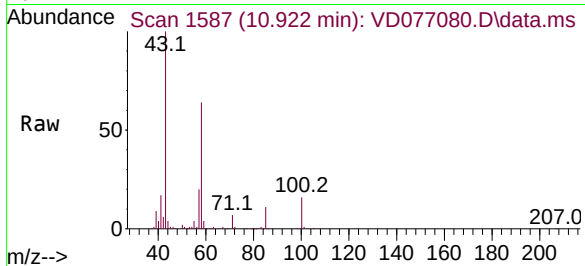




#48
2-Hexanone
Concen: 47.263 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

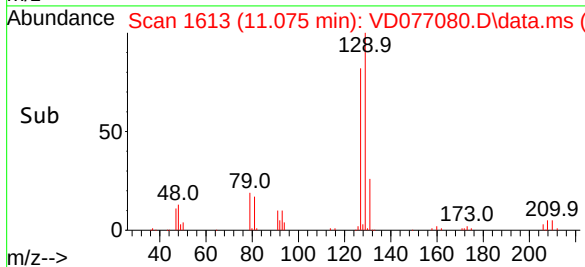
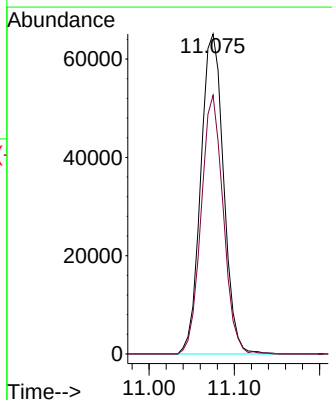
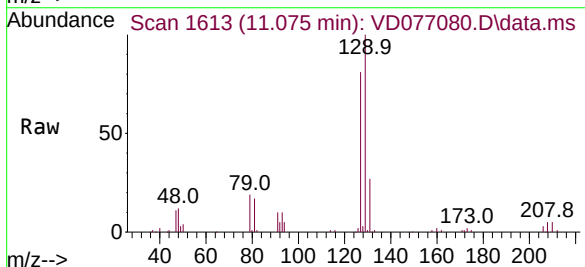
Instrument :
MSVOA_D
ClientSampleId :

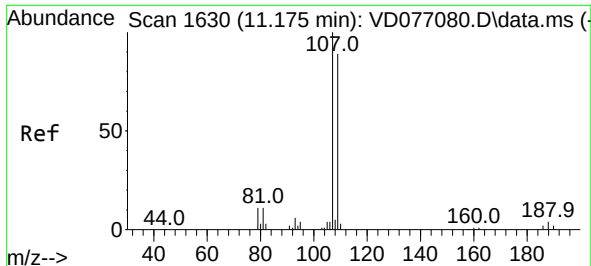
Tgt Ion: 43	Resp: 109644
Ion Ratio	Lower Upper
43	100
58	63.2 50.6 75.8
57	20.7 16.6 24.8
100	16.3 13.0 19.6



#49
Dibromochloromethane
Concen: 24.968 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 129	Resp: 121128
Ion Ratio	Lower Upper
129	100
127	80.9 56.6 105.2

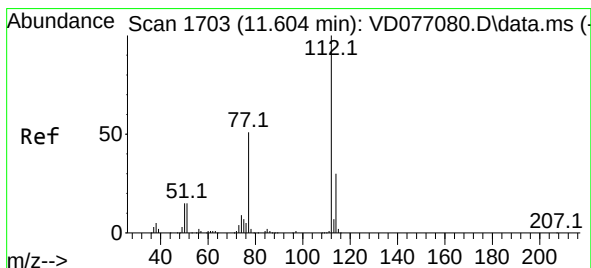
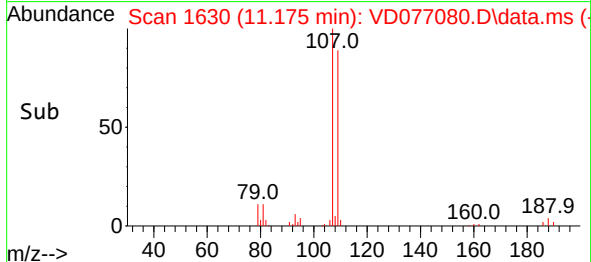
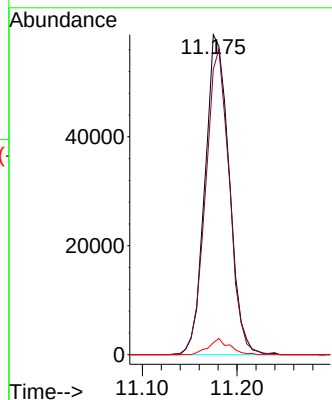
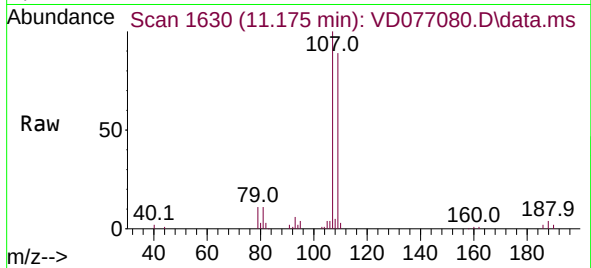




#50
1,2-Dibromoethane
Concen: 24.723 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

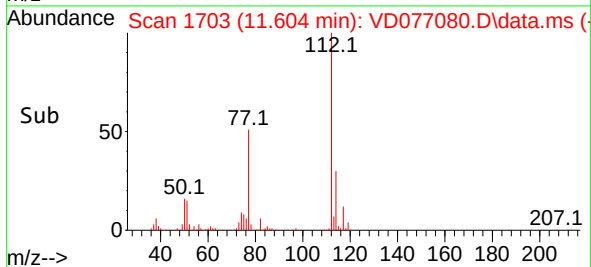
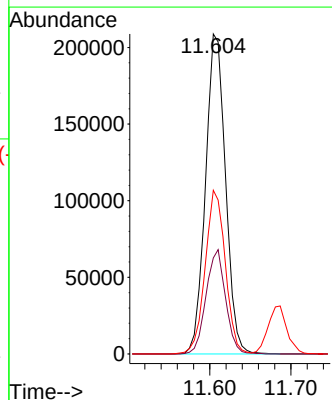
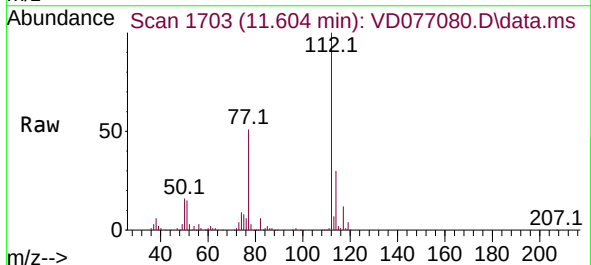
Instrument :
MSVOA_D
ClientSampleId :

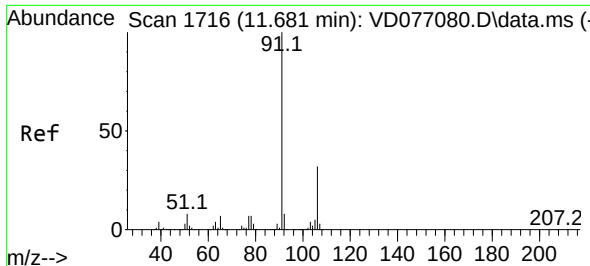
Tgt Ion:107 Resp: 104031
Ion Ratio Lower Upper
107 100
109 89.2 62.4 116.0
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 25.976 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion:112 Resp: 357915
Ion Ratio Lower Upper
112 100
114 30.0 21.0 39.0
77 51.2 41.0 61.4

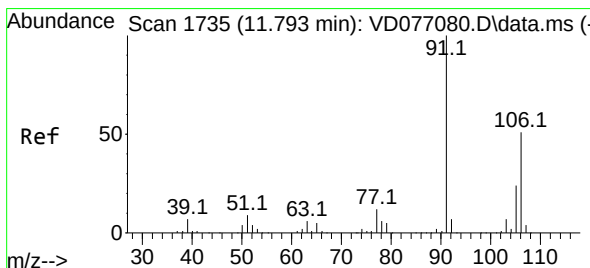
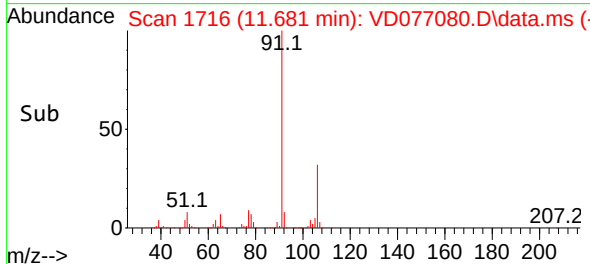
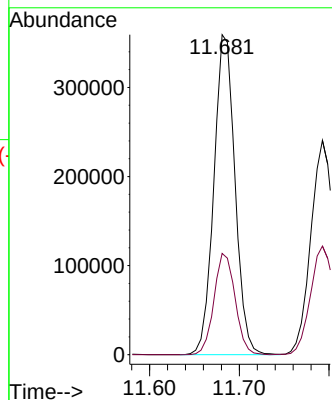
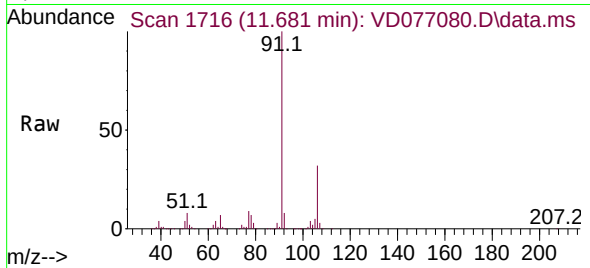




#52
Ethylbenzene
Concen: 26.304 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

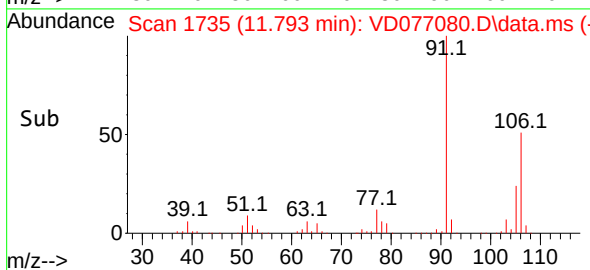
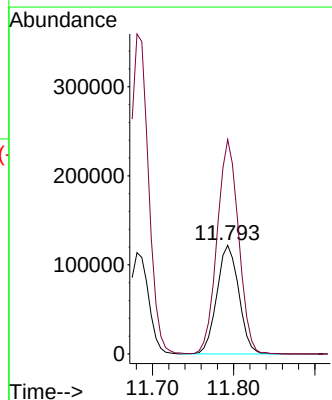
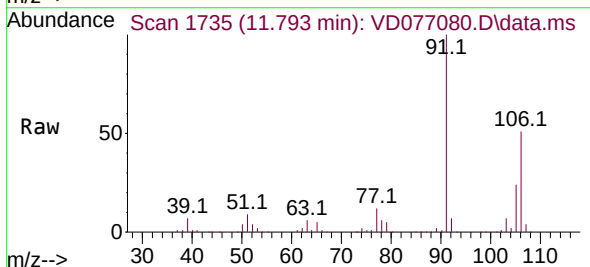
Instrument :
MSVOA_D
ClientSampleId :

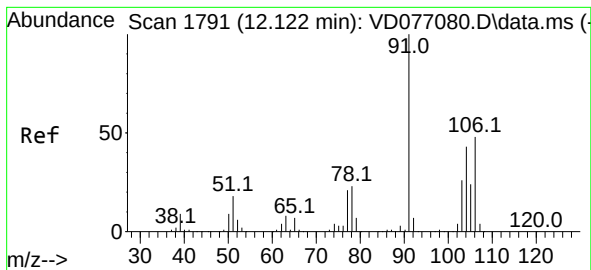
Tgt Ion: 91 Resp: 588165
Ion Ratio Lower Upper
91 100
106 31.6 22.1 41.1



#53
m,p-Xylene
Concen: 26.470 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 106 Resp: 229137
Ion Ratio Lower Upper
106 100
91 197.4 138.2 256.6





#54

o-Xylene

Concen: 26.463 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

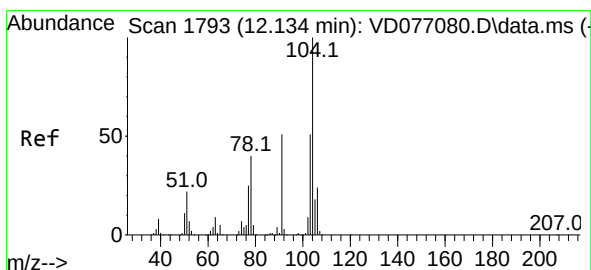
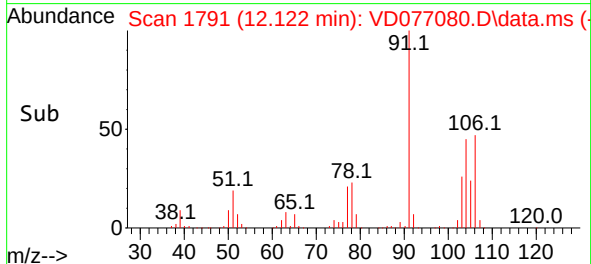
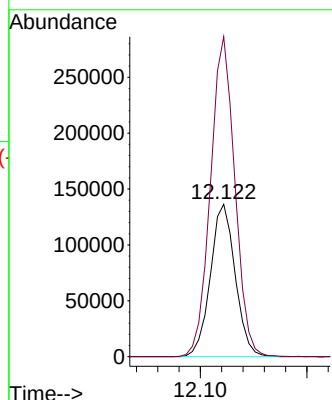
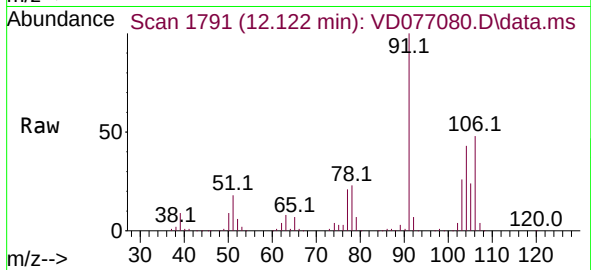
ClientSampleId :

Tgt Ion:106 Resp: 220412

Ion Ratio Lower Upper

106 100

91 209.8 146.9 272.7



#55

Styrene

Concen: 26.821 ug/L

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077080.D

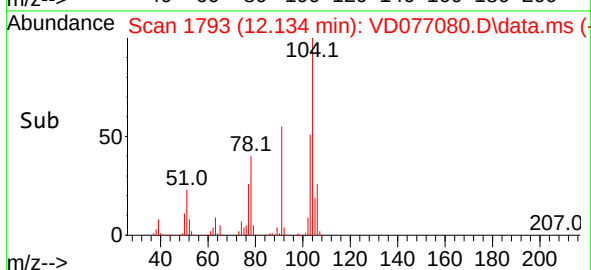
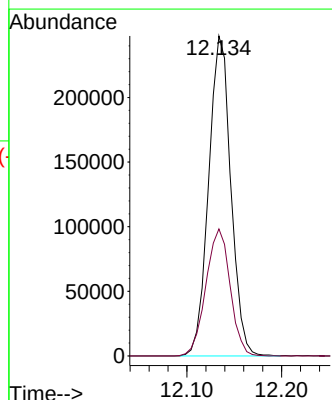
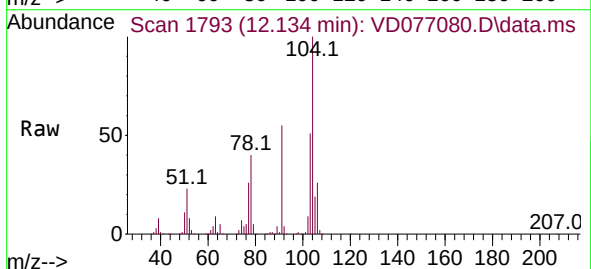
Acq: 01 Sep 2023 11:19

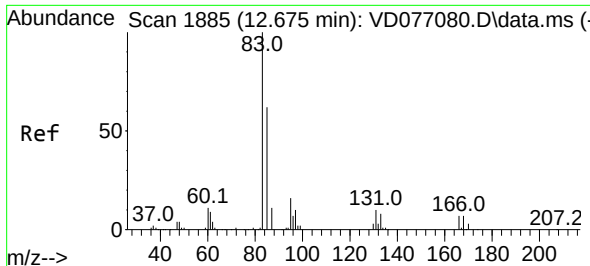
Tgt Ion:104 Resp: 403282

Ion Ratio Lower Upper

104 100

78 39.7 27.8 51.6

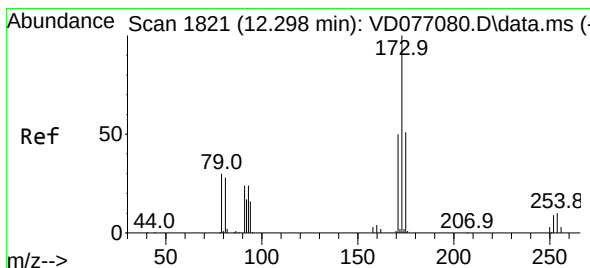
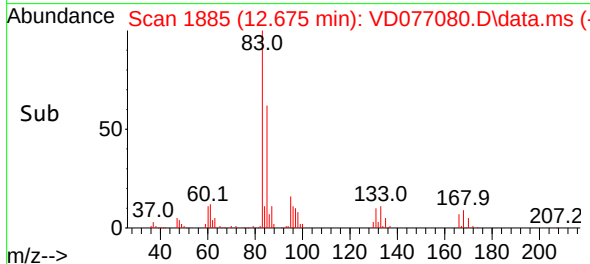
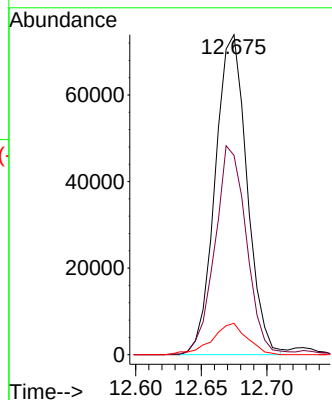
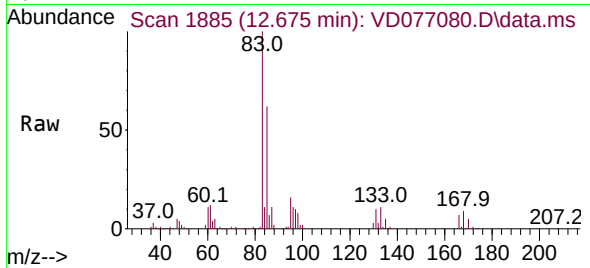




#57
1,1,2,2-Tetrachloroethane
Concen: 23.606 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

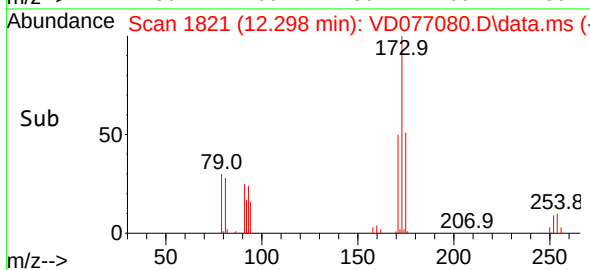
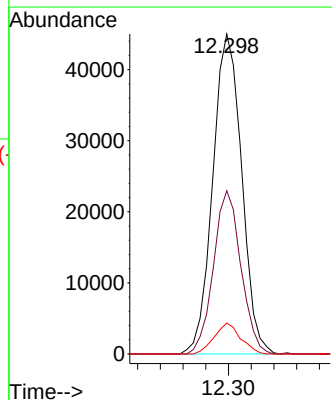
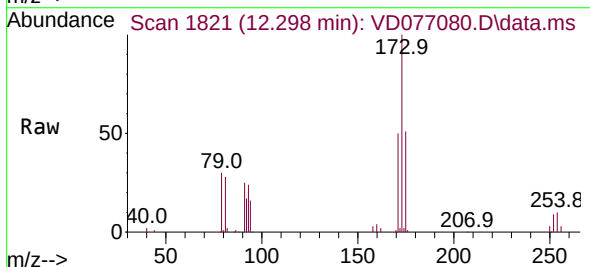
Instrument :
MSVOA_D
ClientSampleId :

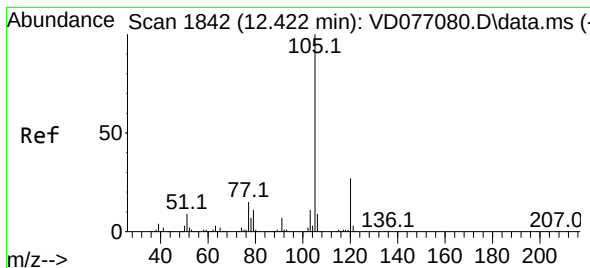
Tgt Ion: 83 Resp: 124542
Ion Ratio Lower Upper
83 100
85 62.3 43.6 81.0
131 9.8 7.8 11.8



#59
Bromoform
Concen: 25.090 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion: 173 Resp: 79494
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 8.8 7.0 10.6





#60

Isopropylbenzene

Concen: 25.432 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

ClientSampleId :

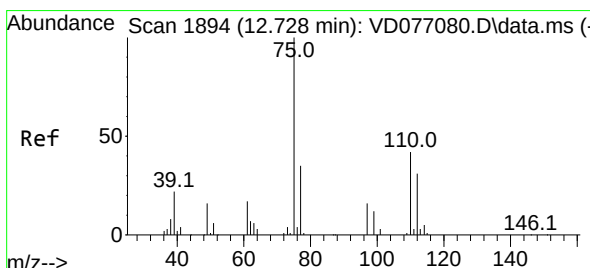
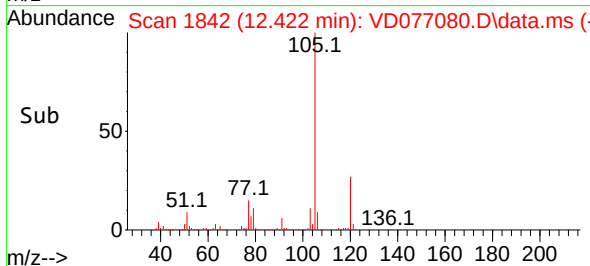
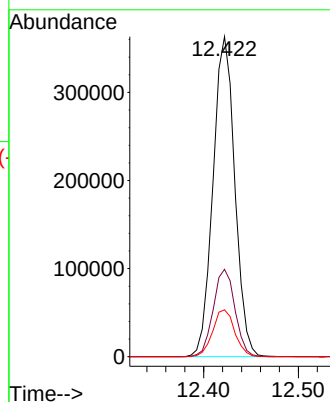
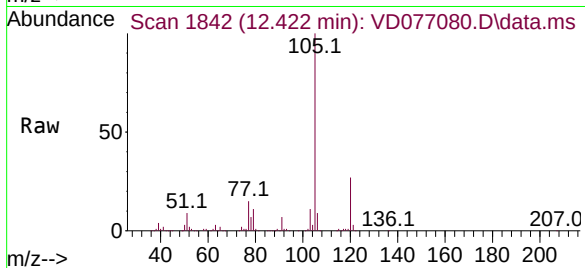
Tgt Ion:105 Resp: 580570

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

77 14.9 11.9 17.9



#61

1,2,3-Trichloropropane

Concen: 22.578 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

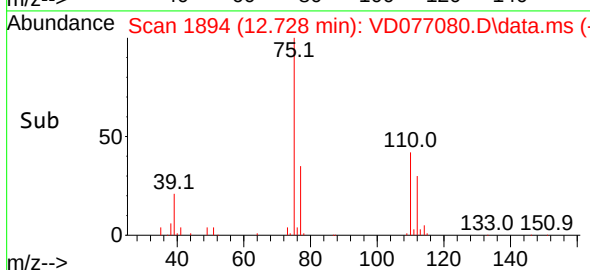
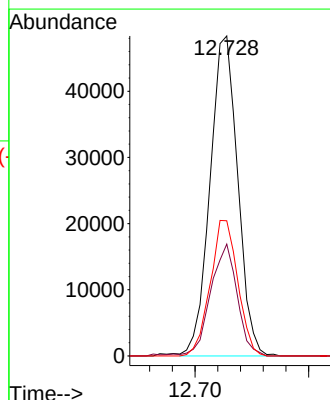
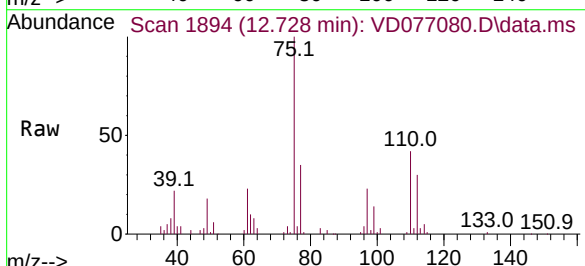
Tgt Ion: 75 Resp: 81987

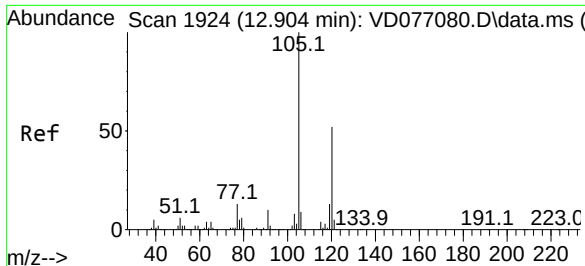
Ion Ratio Lower Upper

75 100

77 33.3 26.6 40.0

110 42.0 33.6 50.4





#62

1,3,5-Trimethylbenzene

Concen: 25.994 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077080.D

Acq: 01 Sep 2023 11:19

Instrument :

MSVOA_D

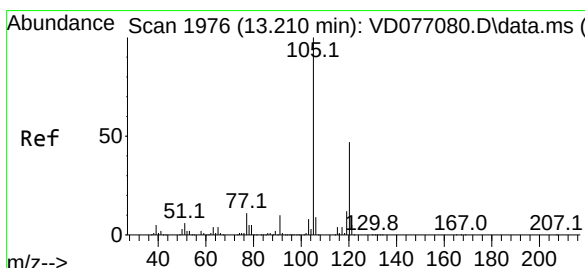
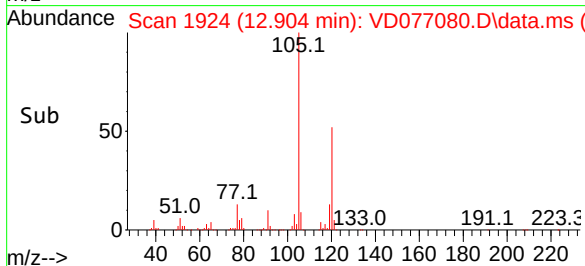
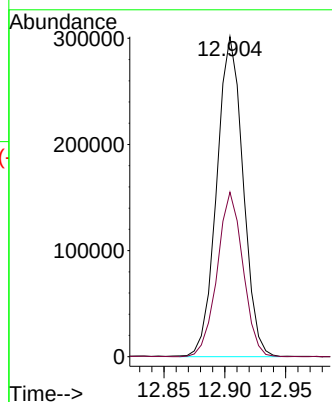
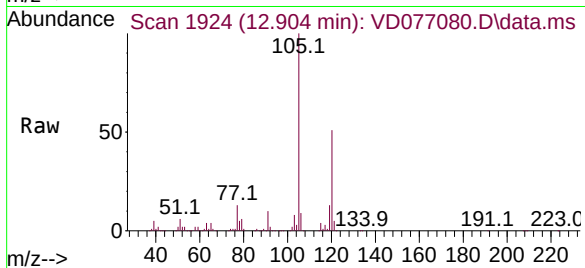
ClientSampleId :

Tgt Ion:105 Resp: 454020

Ion Ratio Lower Upper

105 100

120 50.2 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 25.920 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077080.D

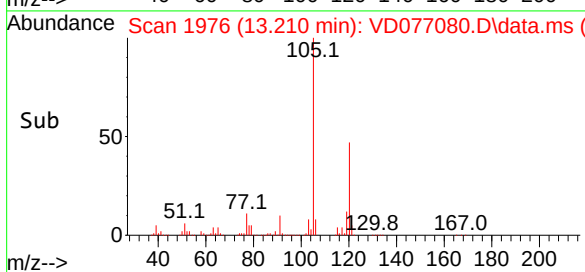
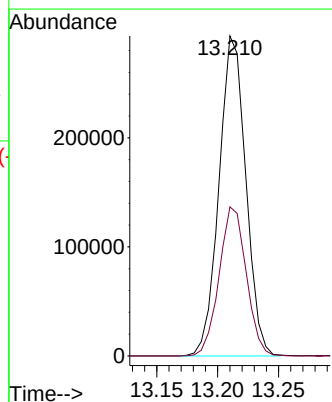
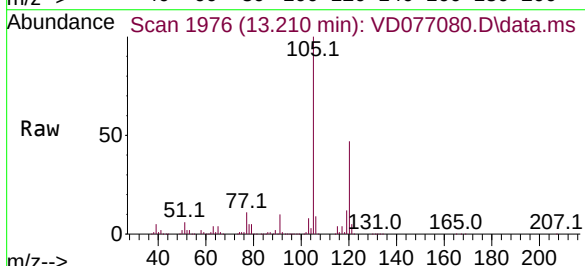
Acq: 01 Sep 2023 11:19

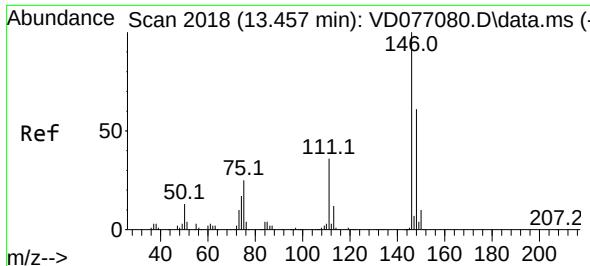
Tgt Ion:105 Resp: 448726

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8

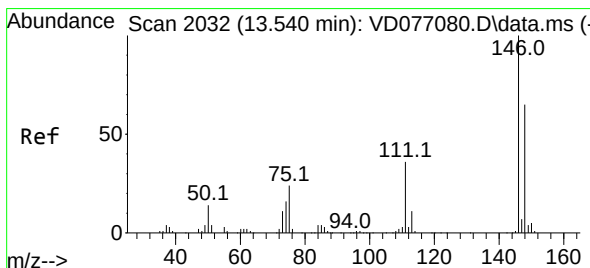
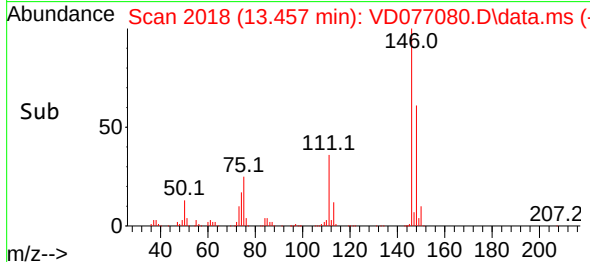
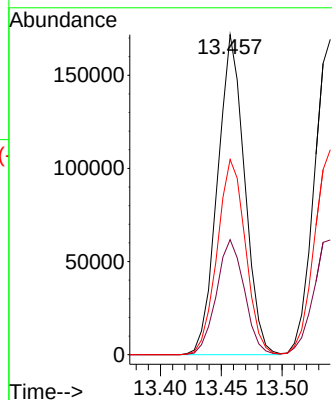
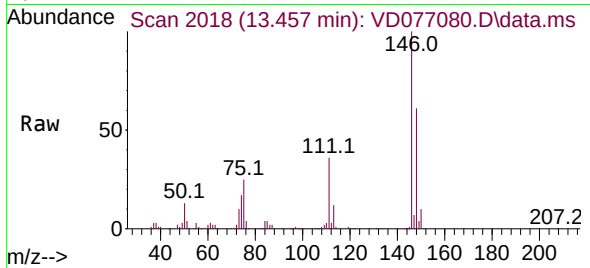




#64
1,3-Dichlorobenzene
Concen: 25.355 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

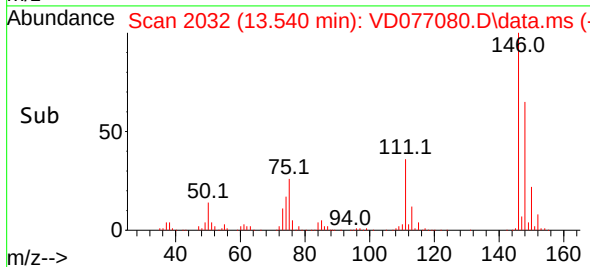
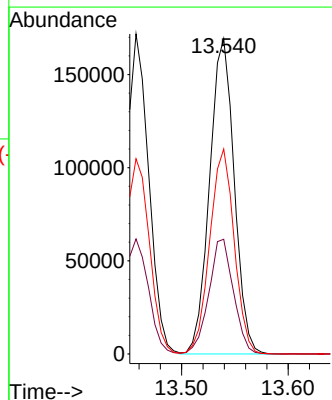
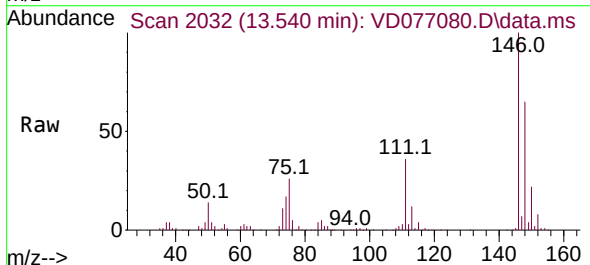
Instrument :
MSVOA_D
ClientSampleId :

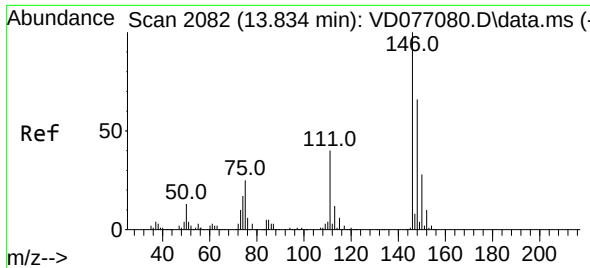
Tgt Ion:146 Resp: 266329
Ion Ratio Lower Upper
146 100
111 36.0 25.2 46.8
148 61.0 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 25.107 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion:146 Resp: 271786
Ion Ratio Lower Upper
146 100
111 36.4 25.5 47.3
148 65.0 45.5 84.5

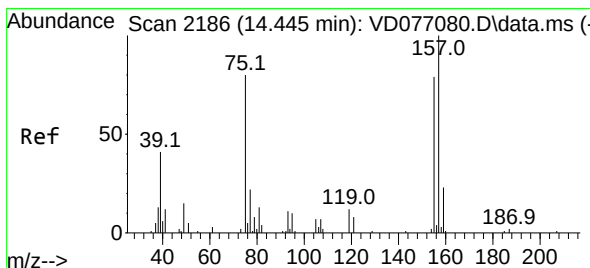
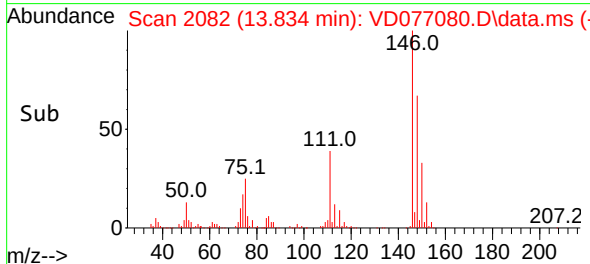
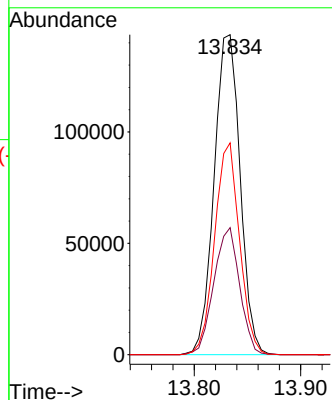
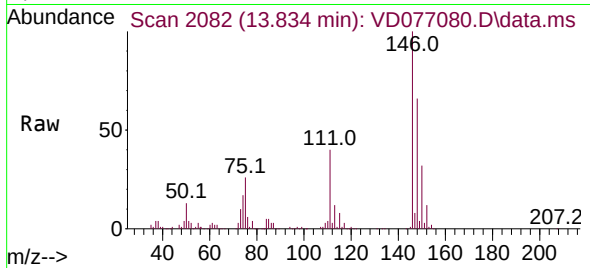




#67
1,2-Dichlorobenzene
Concen: 24.836 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

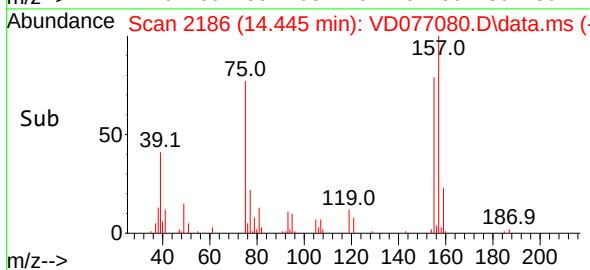
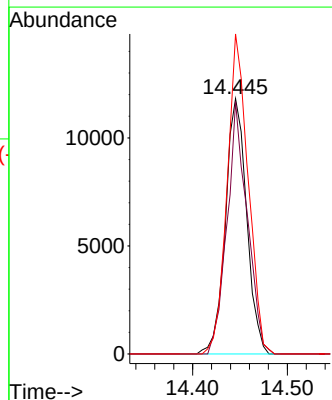
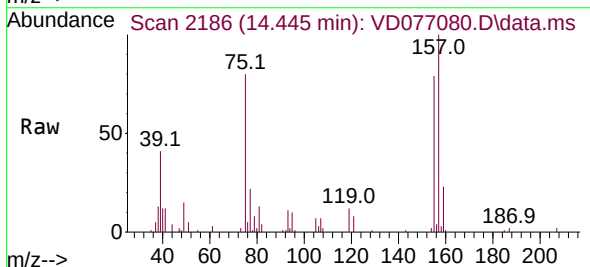
Instrument :
MSVOA_D
ClientSampleId :

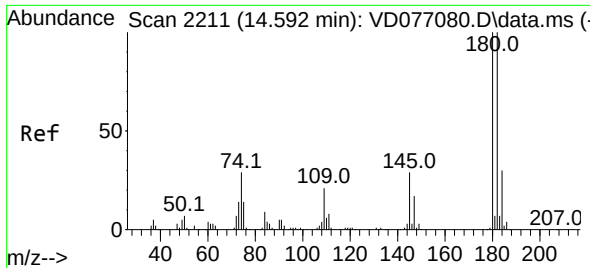
Tgt Ion:146 Resp: 243683
Ion Ratio Lower Upper
146 100
111 39.7 31.8 47.6
148 66.2 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 21.858 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

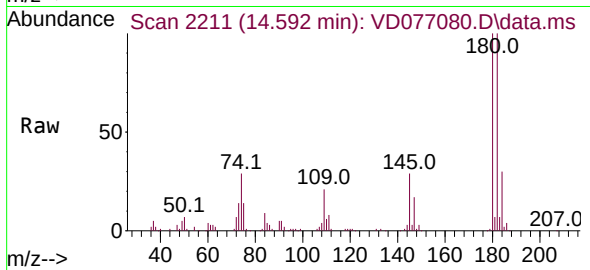
Tgt Ion: 75 Resp: 18378
Ion Ratio Lower Upper
75 100
155 98.8 79.0 118.6
157 125.3 100.2 150.4



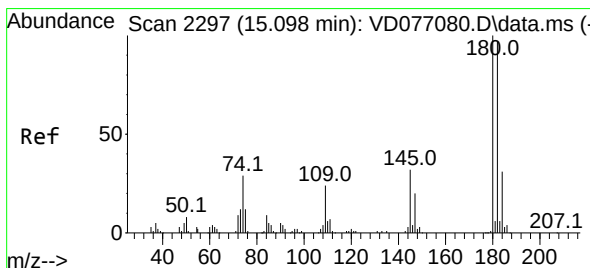
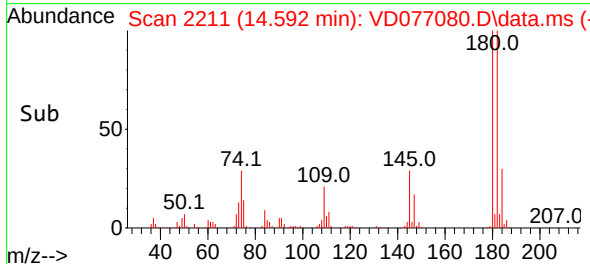
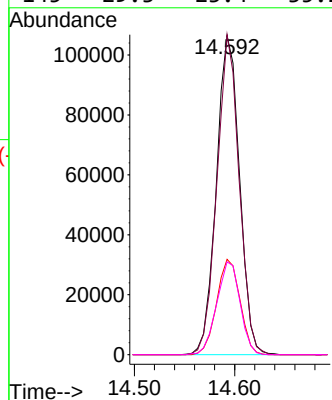


#69
 1,3,5-Trichlorobenzene
 Concen: 25.832 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

Instrument :
 MSVOA_D
 ClientSampleId :

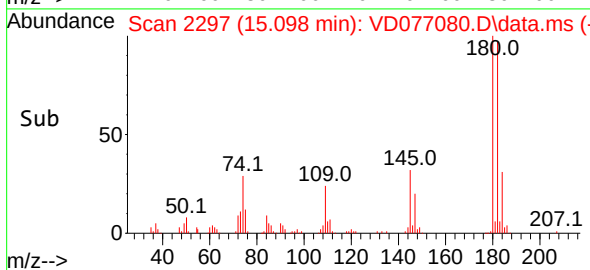
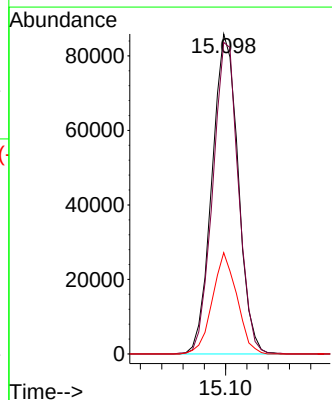
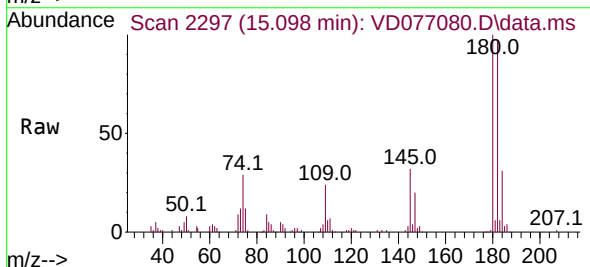


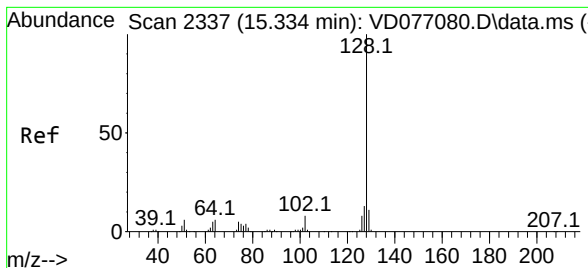
Tgt Ion:180 Resp: 170391
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.0 115.4
 184 30.2 24.2 36.2
 145 29.3 23.4 35.2



#70
 1,2,4-trichlorobenzene
 Concen: 25.294 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077080.D
 Acq: 01 Sep 2023 11:19

Tgt Ion:180 Resp: 146339
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 29.8 23.8 35.8

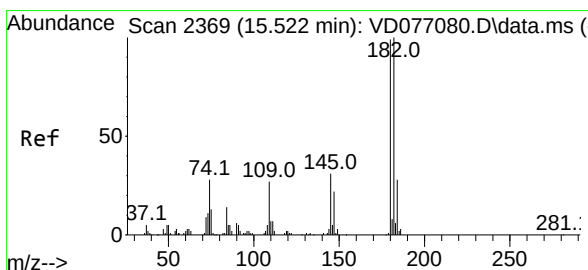
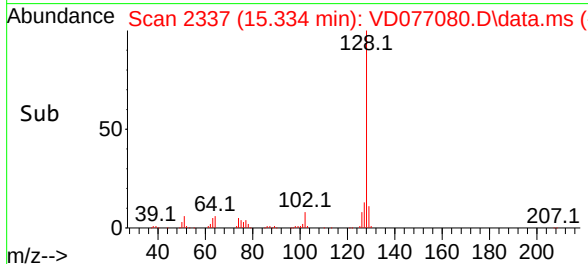
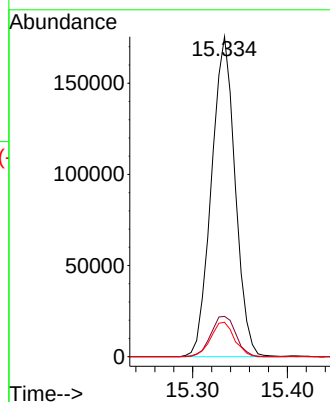
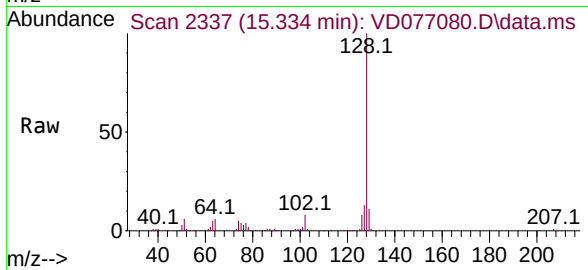




#71
Naphthalene
Concen: 23.014 ug/L
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 305393
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 25.620 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077080.D
Acq: 01 Sep 2023 11:19

Tgt Ion:180 Resp: 134026
Ion Ratio Lower Upper
180 100
182 95.8 76.6 115.0
145 31.8 25.4 38.2

