

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077189.D
 Acq On : 21 Sep 2023 19:05
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	334276	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	335916	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	179917	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	190218	23.094	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.360%
7) Chloroethane-d5	2.799	69	164163	24.236	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.960%
11) 1,1-Dichloroethene-d2	3.910	65	45611	24.377	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.520%
21) 2-Butanone-d5	6.987	46	63458	61.155	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.320%
24) Chloroform-d	7.569	84	258005	28.207	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.840%
26) 1,2-Dichloroethane-d4	8.228	65	126025	29.070	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.280%
32) Benzene-d6	8.198	84	494374	26.646	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	9.210	67	149098	28.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.080%
41) Toluene-d8	10.269	98	449016	26.438	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.760%
43) trans-1,3-Dichloroprop...	10.528	79	61836	25.507	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.040%
47) 2-Hexanone-d5	10.875	63	51341	60.417	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.840%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	137169	28.919	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.680%
66) 1,2-Dichlorobenzene-d4	13.816	152	152847	26.468	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	90845	21.192	ug/L	97
3) Chloromethane	2.146	50	125298	17.224	ug/L	95
5) Vinyl chloride	2.281	62	168378	19.732	ug/L	99
6) Bromomethane	2.687	94	101105	16.961	ug/L	95
8) Chloroethane	2.834	64	112503	20.090	ug/L	96
9) Trichlorofluoromethane	3.169	101	188672	23.383	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	110065	22.300	ug/L	99
12) 1,1-Dichloroethene	3.940	96	95286	21.228	ug/L	97
13) Acetone	4.028	43	57434	38.584	ug/L	100
14) Carbon disulfide	4.269	76	253017	17.412	ug/L	98
15) Methyl Acetate	4.557	43	47875	24.045	ug/L #	85
16) Methylene chloride	4.798	84	159666	23.469	ug/L	97
17) trans-1,2-Dichloroethene	5.310	96	103633	21.204	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	248432	23.537	ug/L	99
19) 1,1-Dichloroethane	6.104	63	193694	23.504	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	125505	22.430	ug/L	98
22) 2-Butanone	7.081	43	72788	40.533	ug/L	98
23) Bromochloromethane	7.428	128	60465	22.643	ug/L	93
25) Chloroform	7.592	83	222216	24.150	ug/L	97

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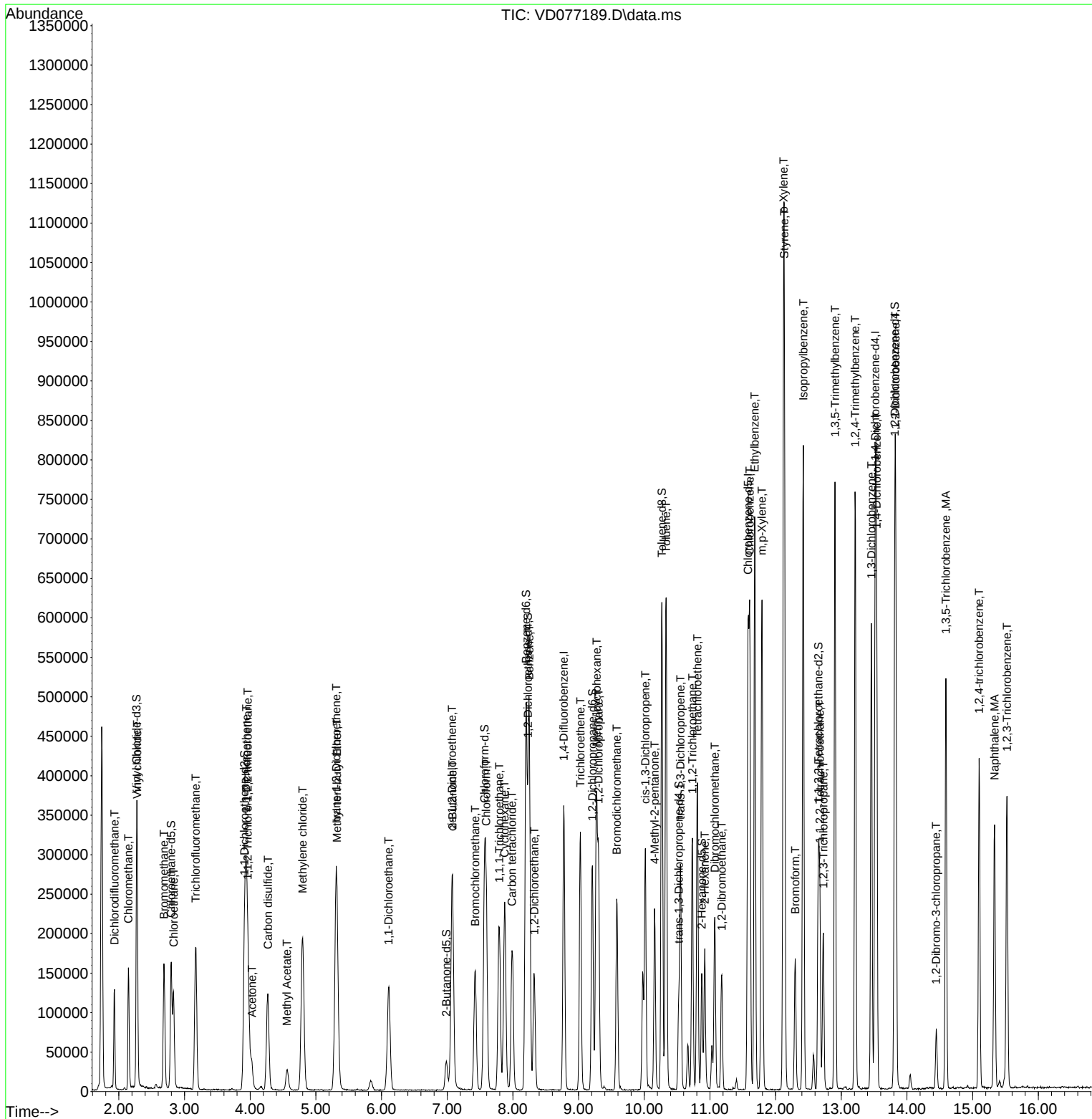
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 ClientSampleId :

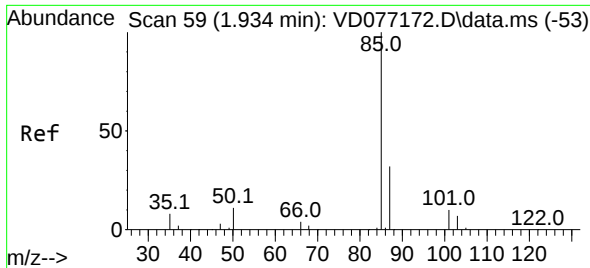
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 Quant Title : SFAM01.0
 QLast Update : Fri Sep 22 01:29:35 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	132634	24.067	ug/L	100
29) Cyclohexane	7.875	56	123018	19.474	ug/L	99
30) 1,1,1-Trichloroethane	7.792	97	180259	22.956	ug/L	98
31) Carbon tetrachloride	7.987	117	140376	21.133	ug/L	98
33) Benzene	8.251	78	451664	22.383	ug/L	100
34) Trichloroethene	9.028	95	116623	21.796	ug/L	97
35) Methylcyclohexane	9.275	83	162172	19.654	ug/L	98
37) 1,2-Dichloropropane	9.304	63	117715	23.129	ug/L	100
38) Bromodichloromethane	9.581	83	163268	23.252	ug/L	99
39) cis-1,3-Dichloropropene	10.016	75	187043	23.115	ug/L	94
40) 4-Methyl-2-pentanone	10.157	43	139576	49.897	ug/L	100
42) Toluene	10.334	91	493465	22.577	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	163593	23.647	ug/L	94
45) 1,1,2-Trichloroethane	10.733	97	105192	24.424	ug/L	96
46) Tetrachloroethene	10.810	164	90809	20.761	ug/L	98
48) 2-Hexanone	10.922	43	106947	49.578	ug/L	94
49) Dibromochloromethane	11.075	129	120578	23.970	ug/L	93
50) 1,2-Dibromoethane	11.181	107	100300	23.573	ug/L	95
51) Chlorobenzene	11.604	112	328688	22.490	ug/L	97
52) Ethylbenzene	11.680	91	538245	22.755	ug/L	99
53) m,p-Xylene	11.792	106	209475	22.935	ug/L	98
54) o-Xylene	12.122	106	200330	22.723	ug/L	98
55) Styrene	12.133	104	370694	23.528	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	123922	24.463	ug/L	97
59) Bromoform	12.298	173	76956	23.716	ug/L	100
60) Isopropylbenzene	12.422	105	536221	23.124	ug/L	99
61) 1,2,3-Trichloropropane	12.727	75	84697	24.663	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	413186	23.038	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	412582	23.481	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	250988	22.719	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	262316	22.728	ug/L	99
67) 1,2-Dichlorobenzene	13.827	146	227868	22.426	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.445	75	18190	25.326	ug/L	89
69) 1,3,5-Trichlorobenzene	14.592	180	161004	22.115	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	136879	21.967	ug/L	99
71) Naphthalene	15.333	128	301456	24.200	ug/L	99
72) 1,2,3-Trichlorobenzene	15.521	180	129081	22.555	ug/L	100

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

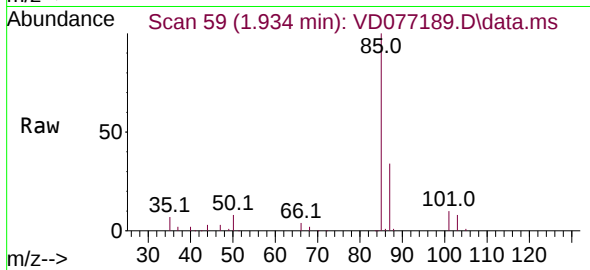
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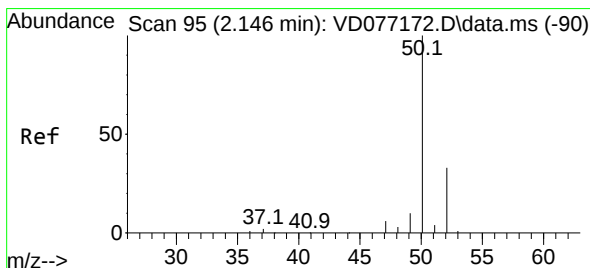
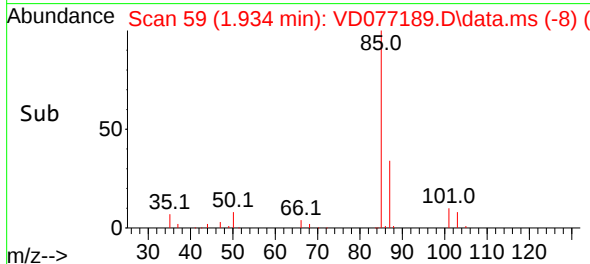
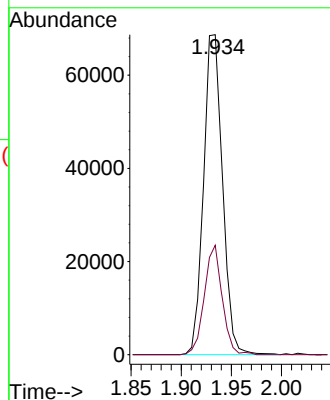


#2
 Dichlorodifluoromethane
 Concen: 21.192 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

Instrument :
 MSVOA_D
 ClientSampleId :

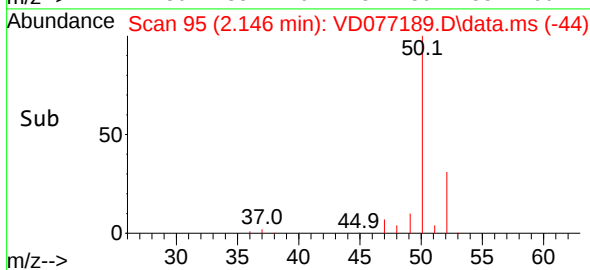
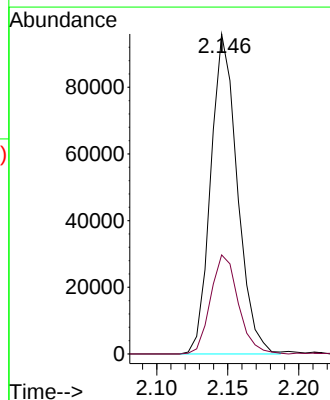
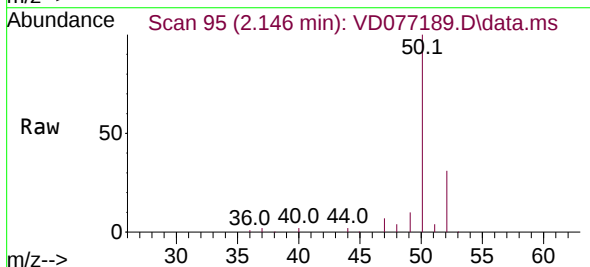


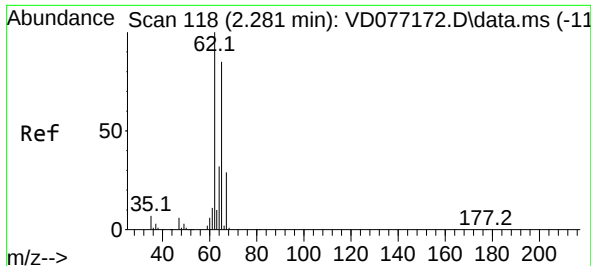
Tgt Ion: 85 Resp: 90845
 Ion Ratio Lower Upper
 85 100
 87 31.8 27.0 40.6



#3
 Chloromethane
 Concen: 17.224 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

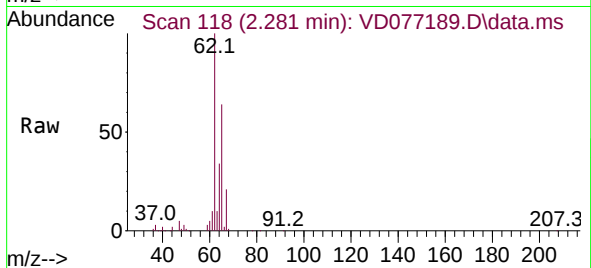
Tgt Ion: 50 Resp: 125298
 Ion Ratio Lower Upper
 50 100
 52 31.0 23.5 43.7



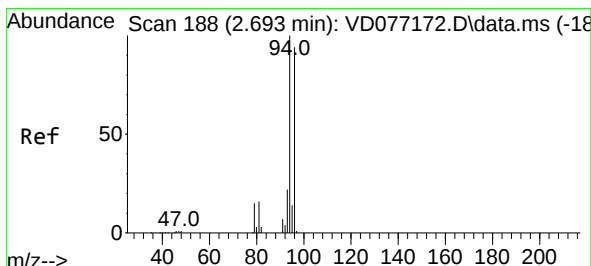
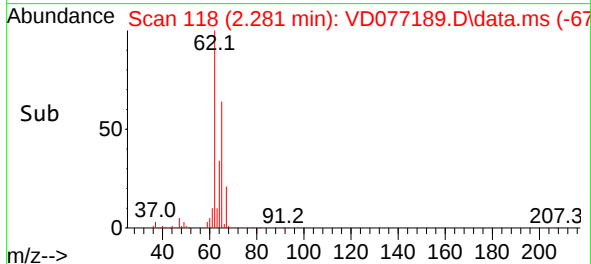
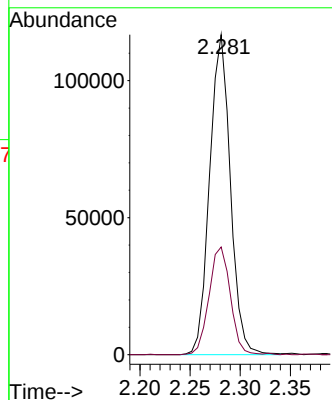


#5
 Vinyl chloride
 Concen: 19.732 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

Instrument :
 MSVOA_D
 ClientSampleId :

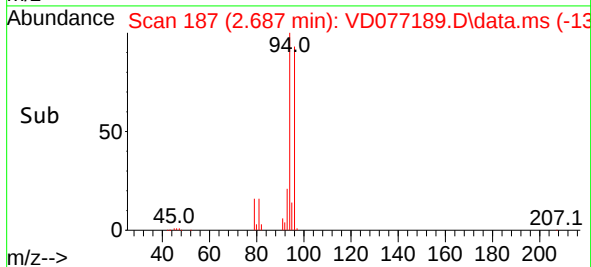
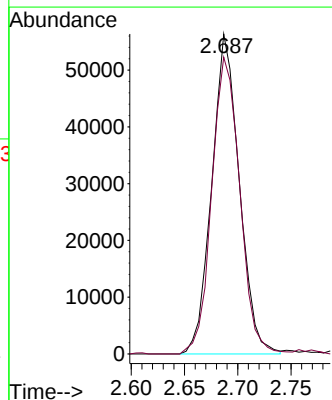
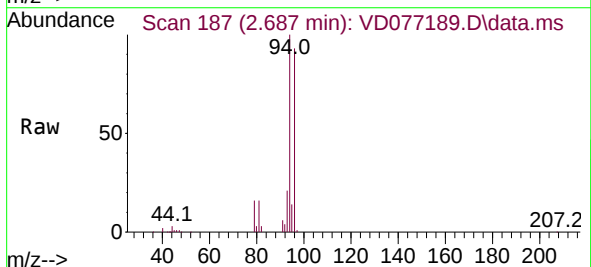


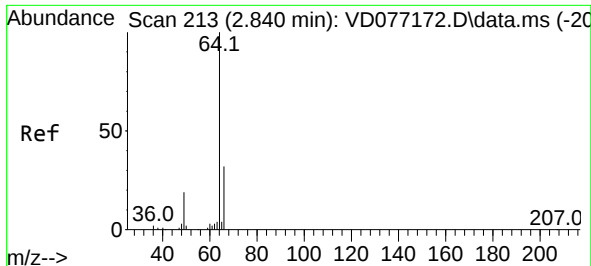
Tgt Ion: 62 Resp: 168378
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.2



#6
 Bromomethane
 Concen: 16.961 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

Tgt Ion: 94 Resp: 101105
 Ion Ratio Lower Upper
 94 100
 96 92.8 68.2 126.6

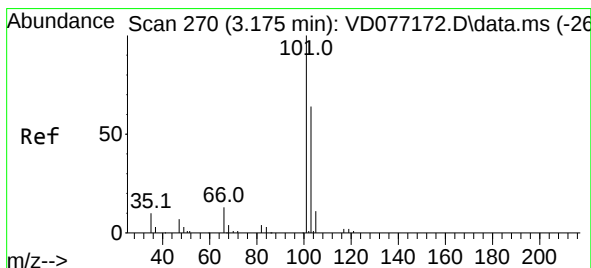
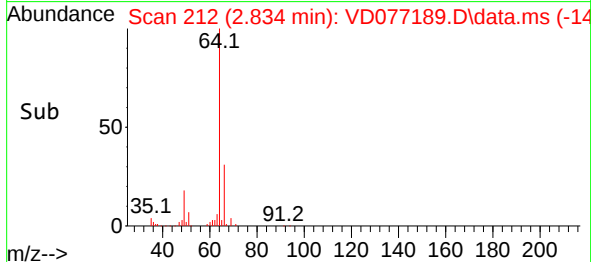
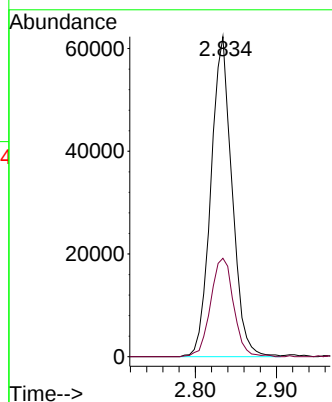
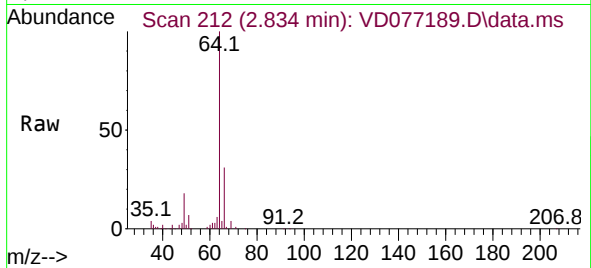




#8
Chloroethane
Concen: 20.090 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

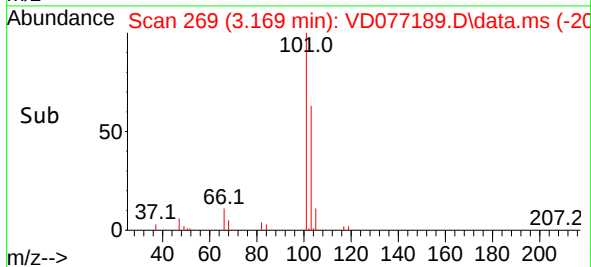
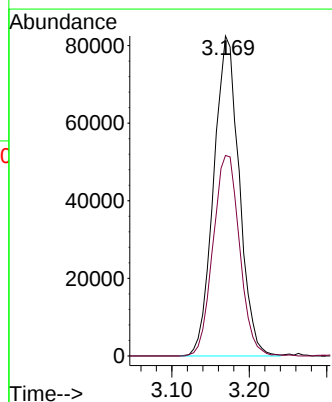
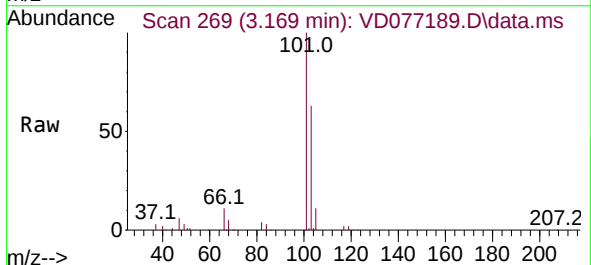
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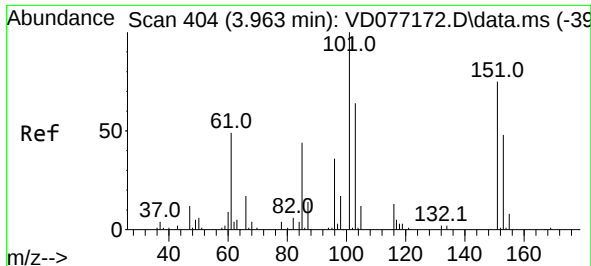
Tgt Ion: 64 Resp: 112503
Ion Ratio Lower Upper
64 100
66 30.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 23.383 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion:101 Resp: 188672
Ion Ratio Lower Upper
101 100
103 65.1 52.0 78.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.300 ug/L

RT: 3.963 min Scan# 404

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

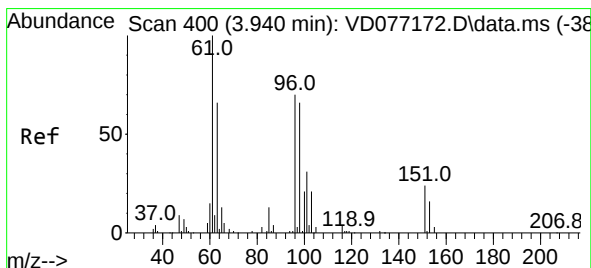
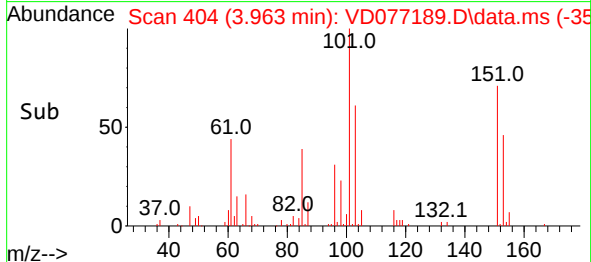
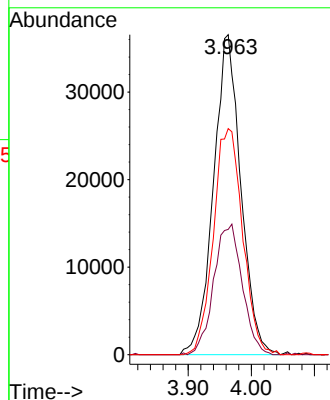
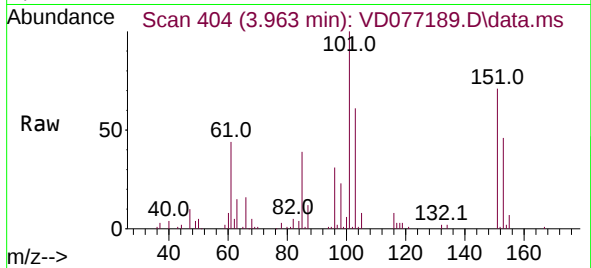
Tgt Ion:101 Resp: 110065

Ion Ratio Lower Upper

101 100

85 42.3 33.4 50.2

151 75.5 59.6 89.4



#12

1,1-Dichloroethene

Concen: 21.228 ug/L

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

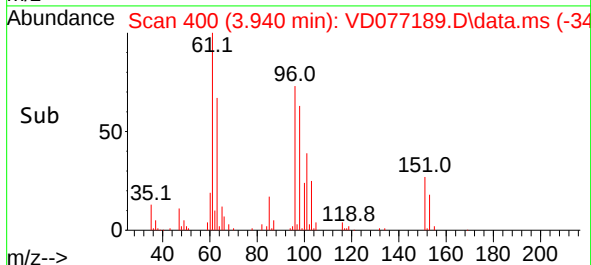
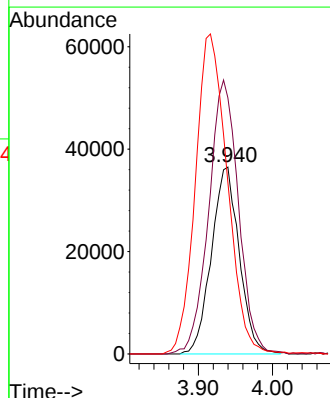
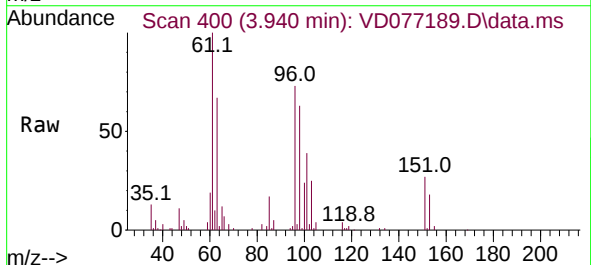
Tgt Ion: 96 Resp: 95286

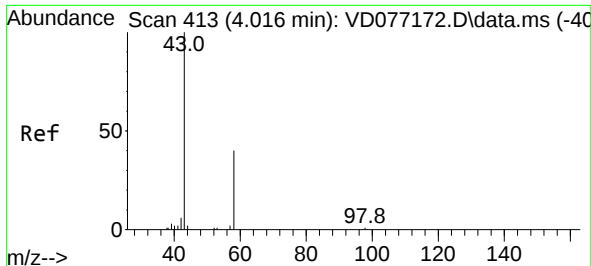
Ion Ratio Lower Upper

96 100

61 137.1 95.5 177.3

63 91.8 68.6 127.4





#13

Acetone

Concen: 38.584 ug/L

RT: 4.028 min Scan# 413

Delta R.T. 0.012 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

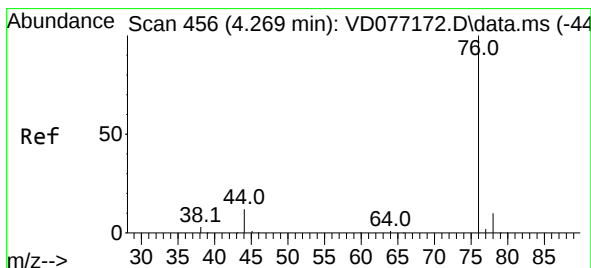
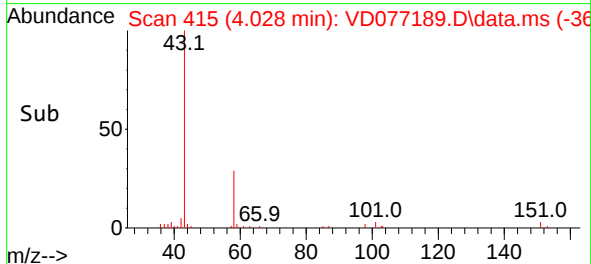
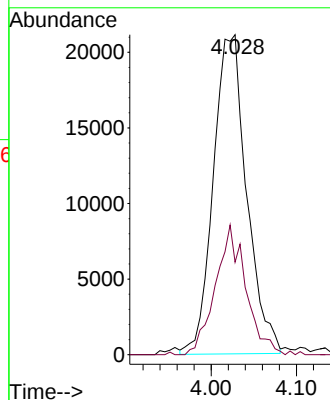
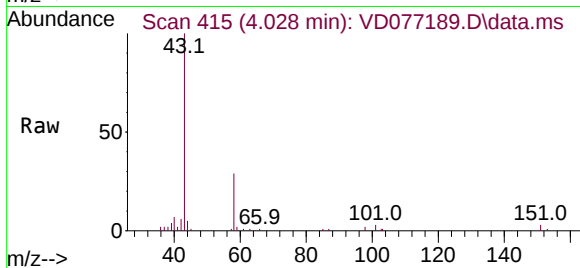
ClientSampleId :

Tgt Ion: 43 Resp: 57434

Ion Ratio Lower Upper

43 100

58 36.0 0.0 71.8



#14

Carbon disulfide

Concen: 17.412 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.000 min

Lab File: VD077189.D

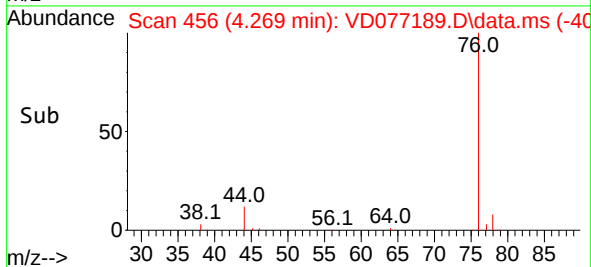
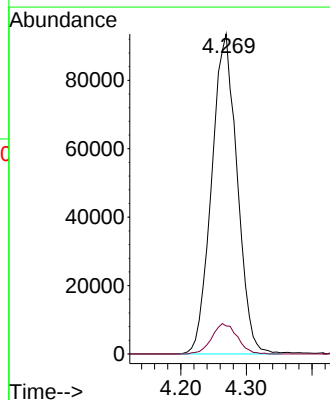
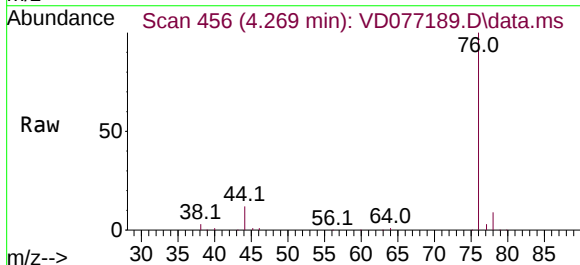
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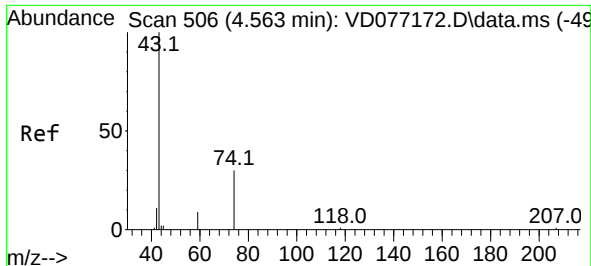
Tgt Ion: 76 Resp: 253017

Ion Ratio Lower Upper

76 100

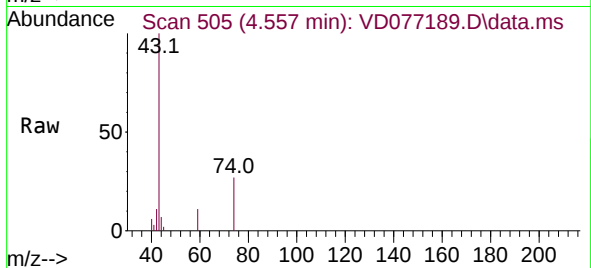
78 8.7 7.5 11.3



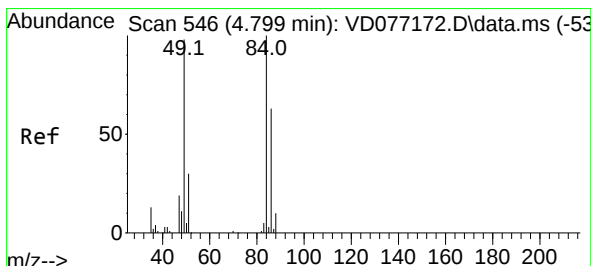
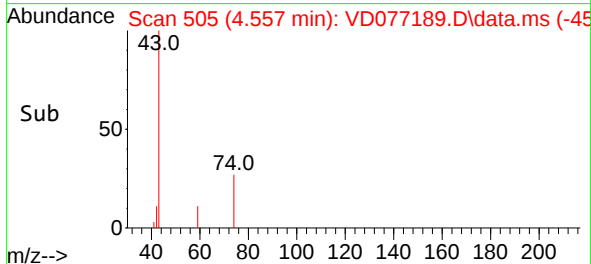
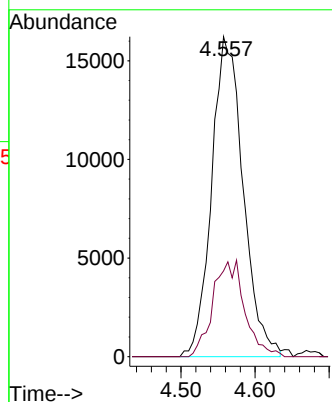


#15
Methyl Acetate
Concen: 24.045 ug/L
RT: 4.557 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Instrument :
MSVOA_D
ClientSampleId :

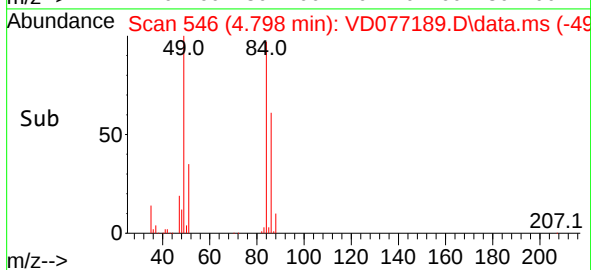
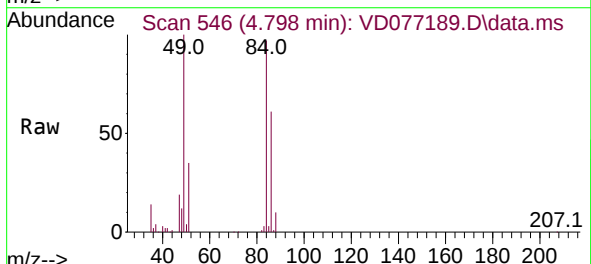
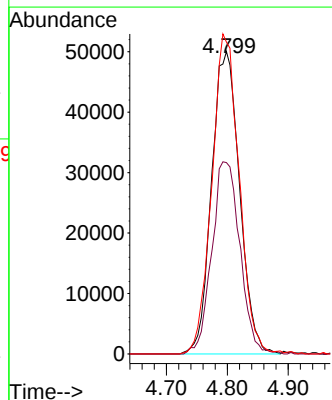


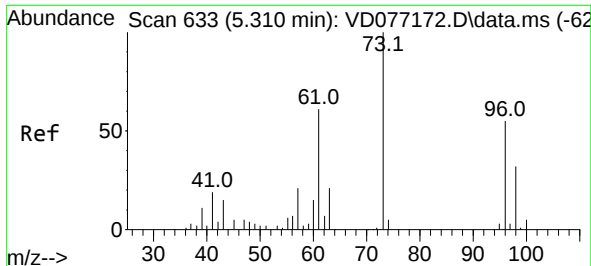
Tgt Ion: 43 Resp: 47875
Ion Ratio Lower Upper
43 100
74 19.0 0.2 0.2#



#16
Methylene chloride
Concen: 23.469 ug/L
RT: 4.798 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 84 Resp: 159666
Ion Ratio Lower Upper
84 100
86 63.3 45.3 84.1
49 103.1 69.2 128.6





#17

trans-1,2-Dichloroethene

Concen: 21.204 ug/L

RT: 5.310 min Scan# 61

Delta R.T. -0.000 min

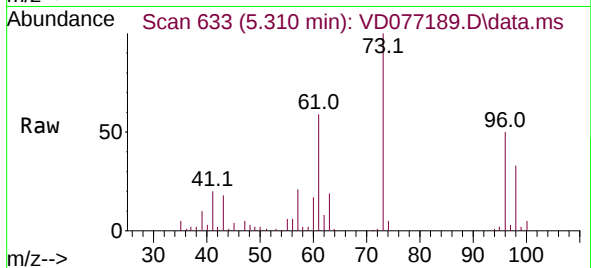
Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :



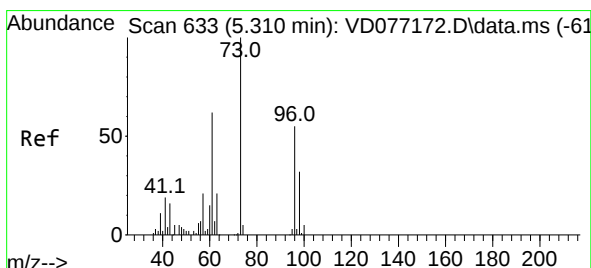
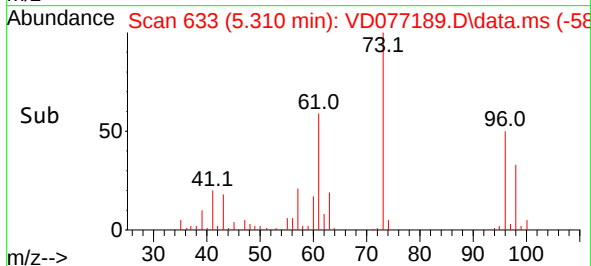
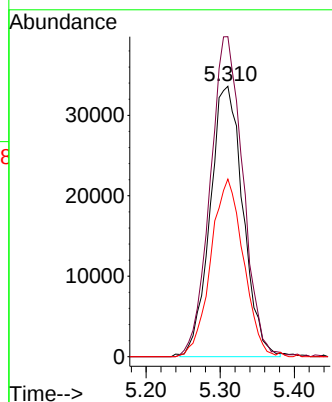
Tgt Ion: 96 Resp: 103633

Ion Ratio Lower Upper

96 100

61 118.4 85.1 158.1

98 65.7 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 23.537 ug/L

RT: 5.322 min Scan# 635

Delta R.T. 0.012 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

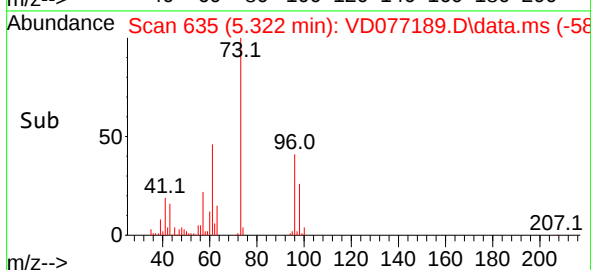
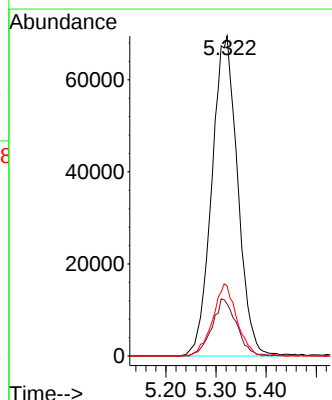
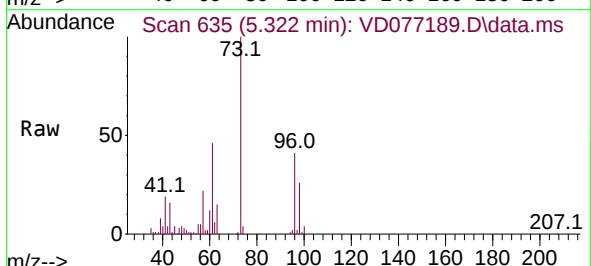
Tgt Ion: 73 Resp: 248432

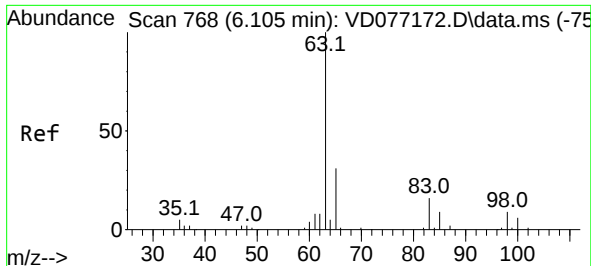
Ion Ratio Lower Upper

73 100

43 16.8 12.5 18.7

57 20.9 16.8 25.2





#19

1,1-Dichloroethane

Concen: 23.504 ug/L

RT: 6.104 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

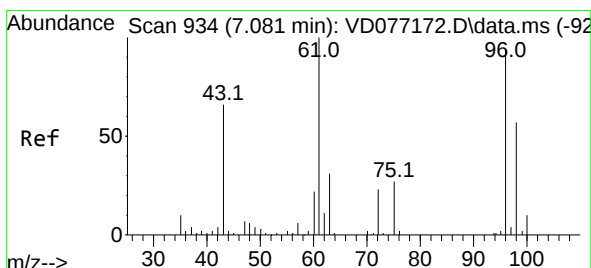
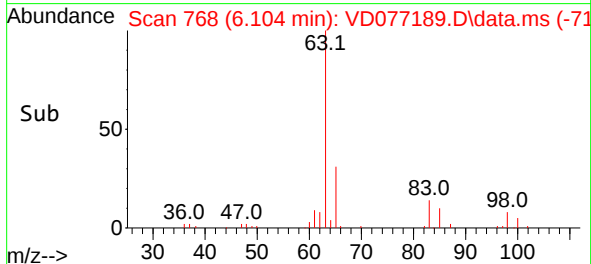
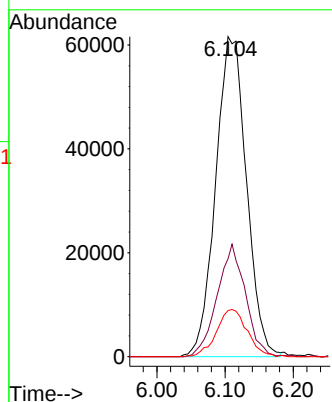
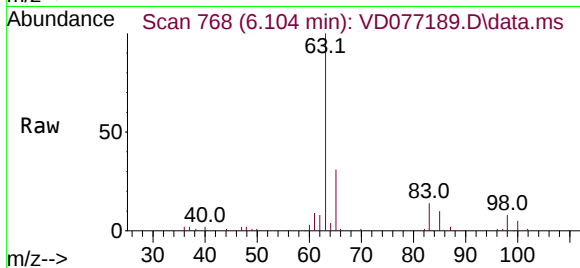
Tgt Ion: 63 Resp: 193694

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 14.4 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 22.430 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

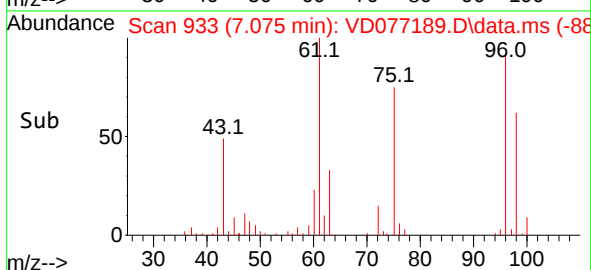
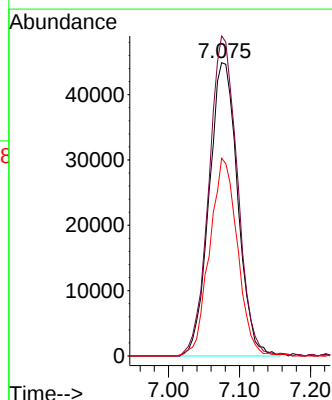
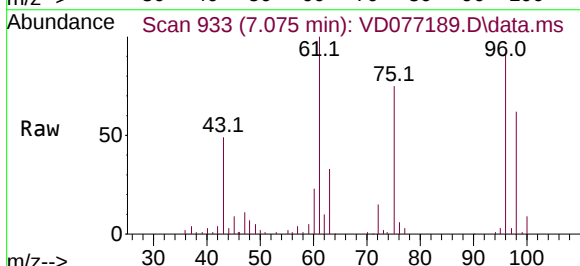
Tgt Ion: 96 Resp: 125505

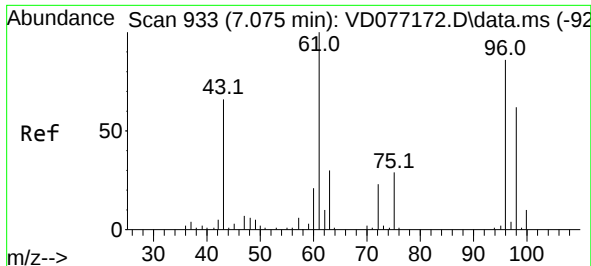
Ion Ratio Lower Upper

96 100

61 109.1 75.5 140.1

98 67.4 45.8 85.0

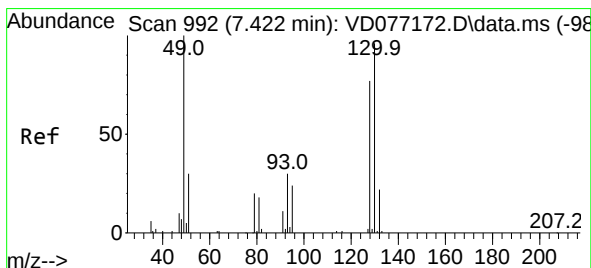
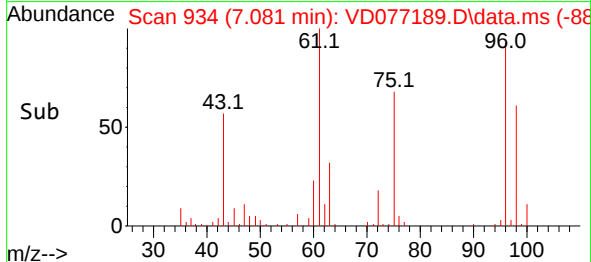
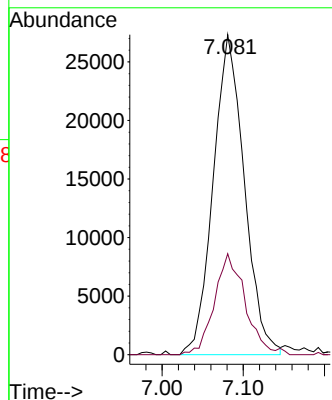
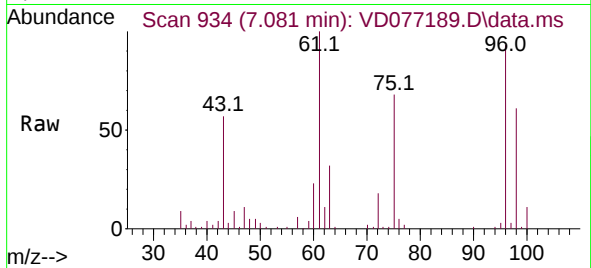




#22
2-Butanone
Concen: 40.533 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

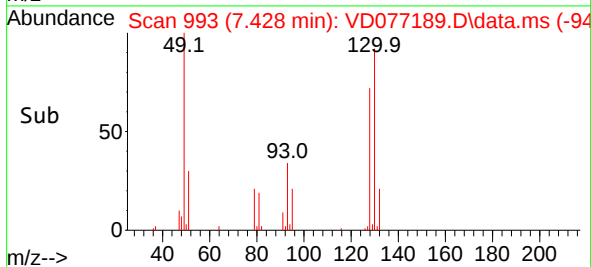
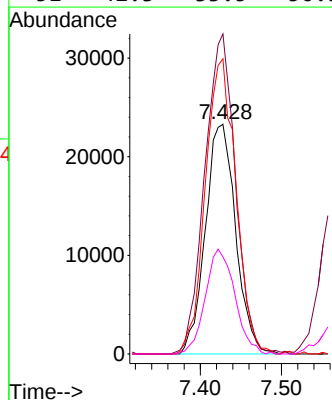
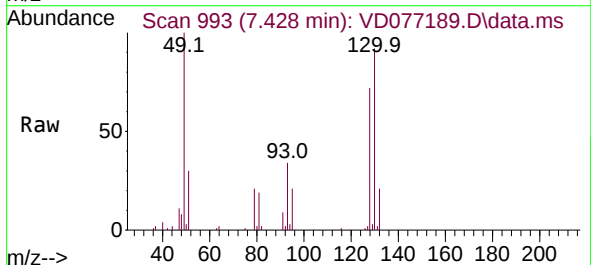
Instrument :
MSVOA_D
ClientSampleId :

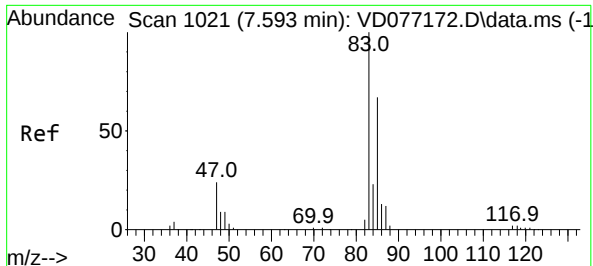
Tgt Ion: 43 Resp: 72788
Ion Ratio Lower Upper
43 100
72 30.9 16.0 48.0



#23
Bromochloromethane
Concen: 22.643 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion:128 Resp: 60465
Ion Ratio Lower Upper
128 100
49 139.3 86.5 160.6
130 128.5 91.2 169.4
51 42.3 33.5 50.3

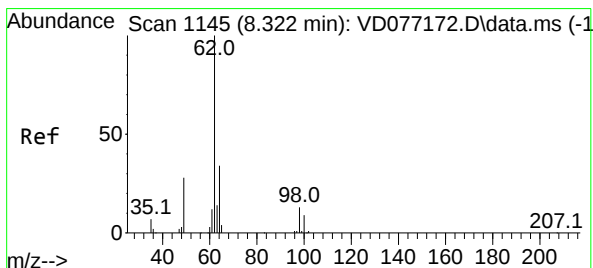
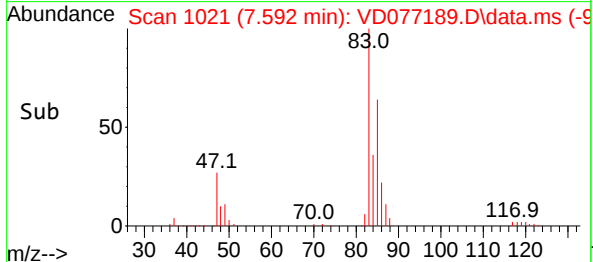
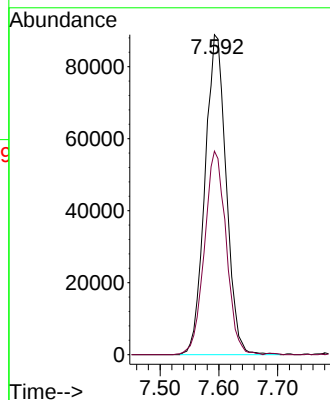
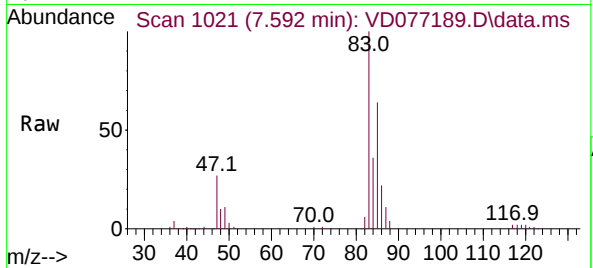




#25
Chloroform
Concen: 24.150 ug/L
RT: 7.592 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

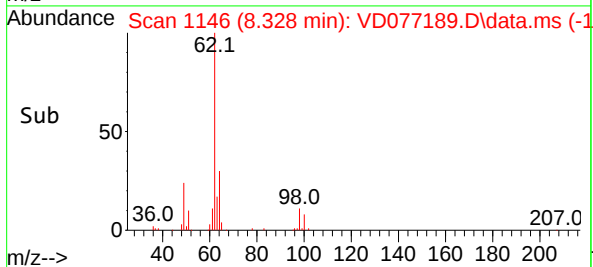
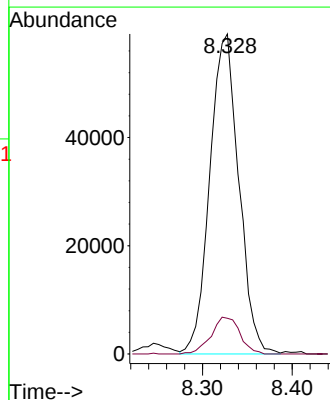
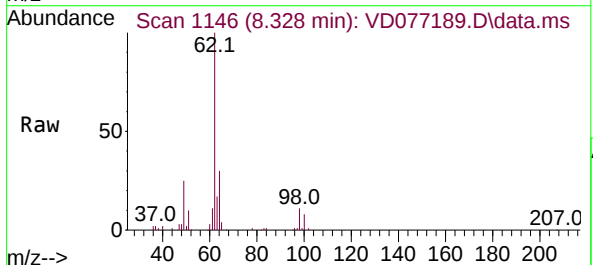
Instrument :
MSVOA_D
ClientSampleId :

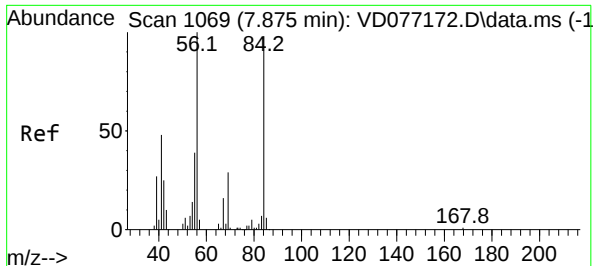
Tgt Ion: 83 Resp: 222216
Ion Ratio Lower Upper
83 100
85 63.6 46.2 85.8



#27
1,2-Dichloroethane
Concen: 24.067 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 62 Resp: 132634
Ion Ratio Lower Upper
62 100
98 11.2 9.0 13.4





#29

Cyclohexane

Concen: 19.474 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

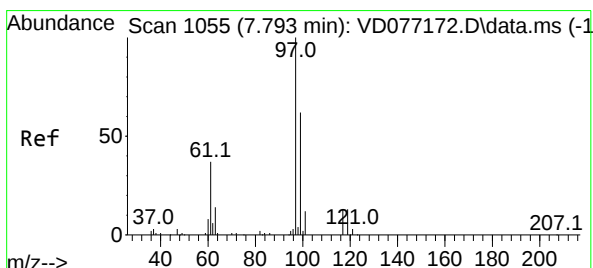
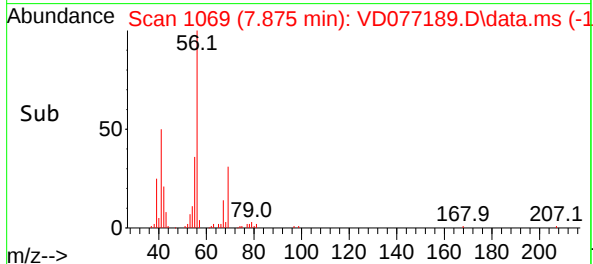
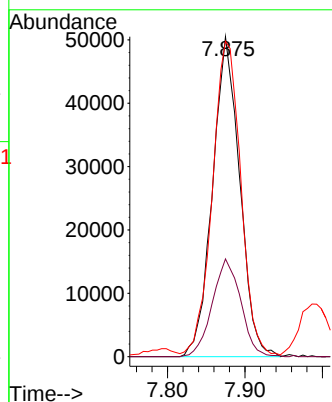
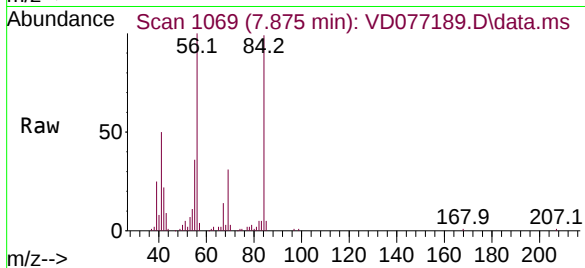
Tgt Ion: 56 Resp: 123018

Ion Ratio Lower Upper

56 100

69 32.0 25.5 38.3

84 101.7 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 22.956 ug/L

RT: 7.792 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

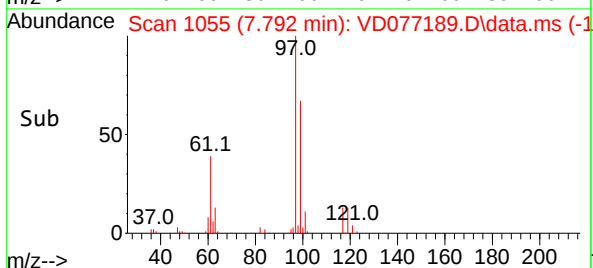
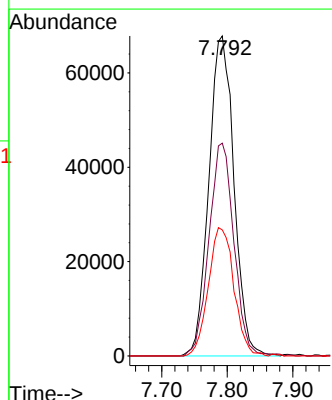
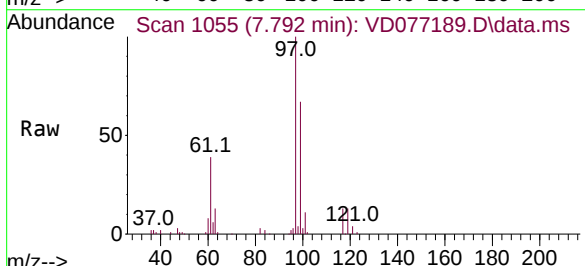
Tgt Ion: 97 Resp: 180259

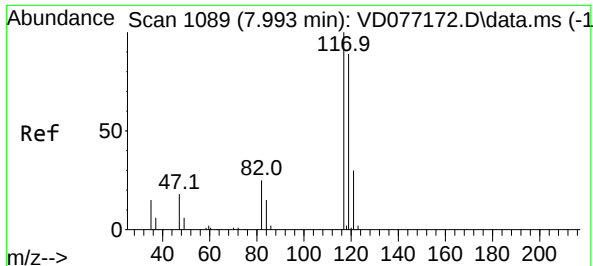
Ion Ratio Lower Upper

97 100

99 66.0 50.7 76.1

61 40.7 32.6 48.8

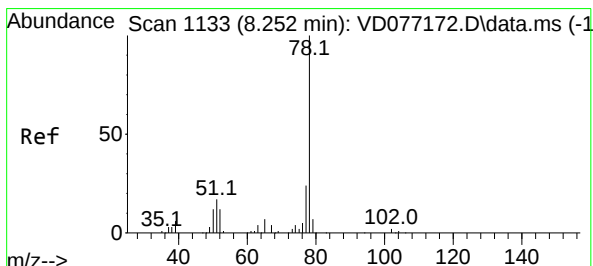
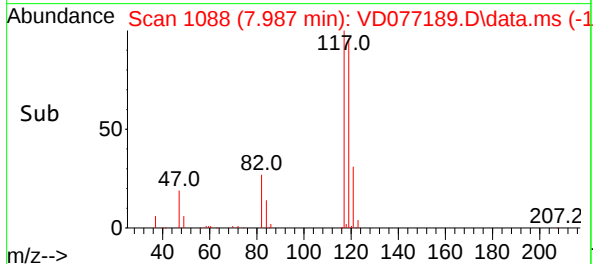
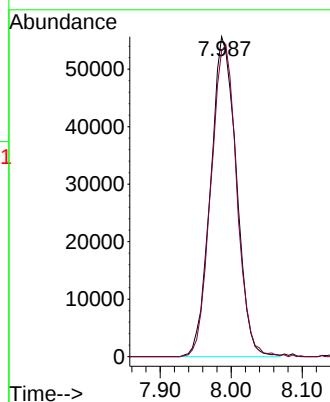
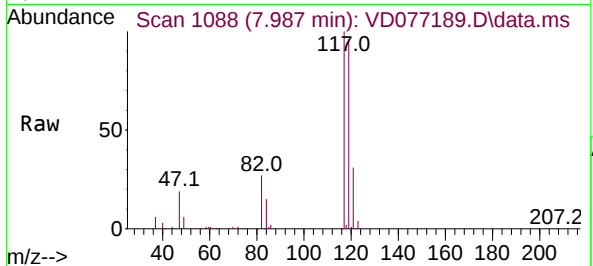




#31
Carbon tetrachloride
Concen: 21.133 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

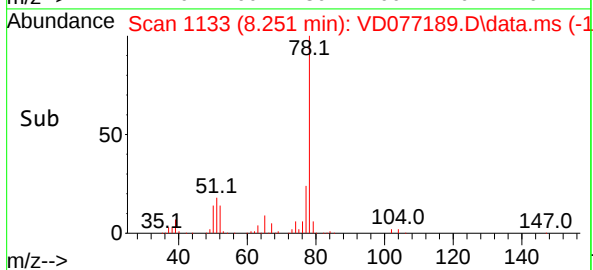
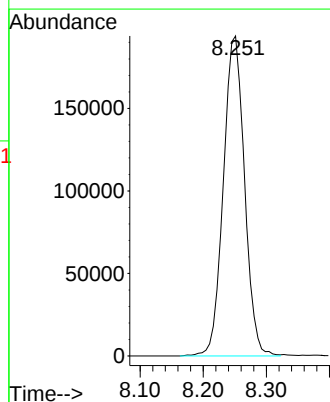
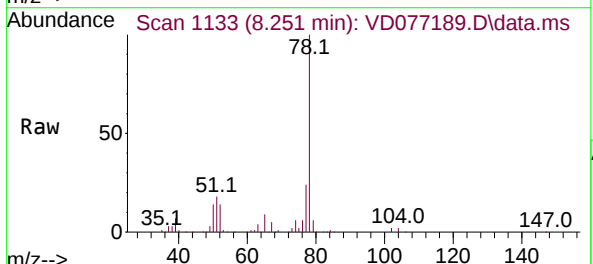
Instrument :
MSVOA_D
ClientSampleId :

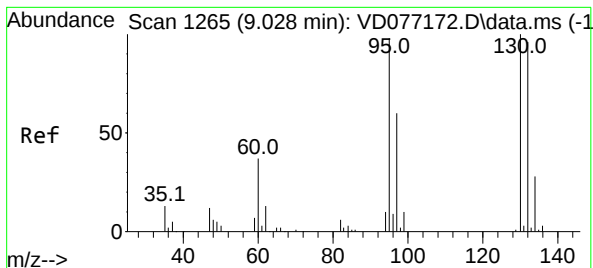
Tgt Ion:117 Resp: 140376
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#33
Benzene
Concen: 22.383 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 78 Resp: 451664





#34

Trichloroethene

Concen: 21.796 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 116623

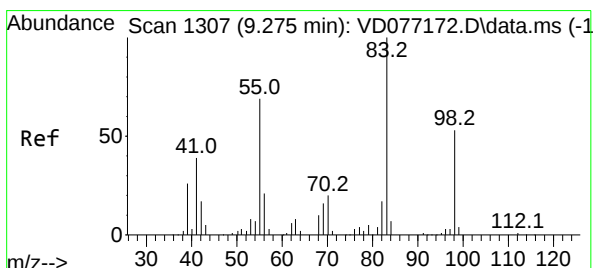
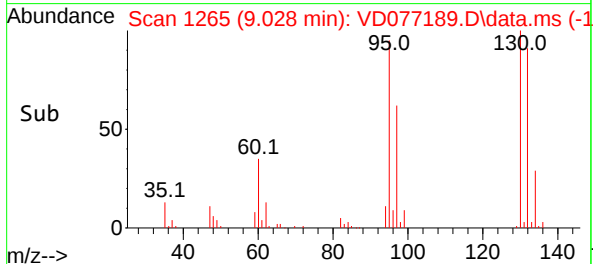
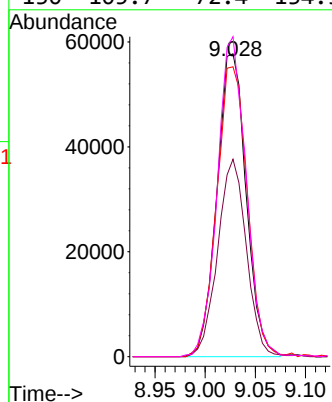
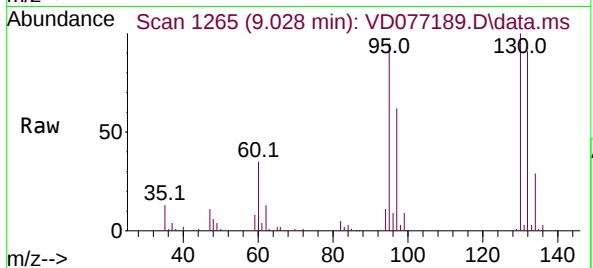
Ion Ratio Lower Upper

95 100

97 65.2 46.4 86.2

132 95.7 70.1 130.1

130 105.7 72.4 134.5



#35

Methylcyclohexane

Concen: 19.654 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

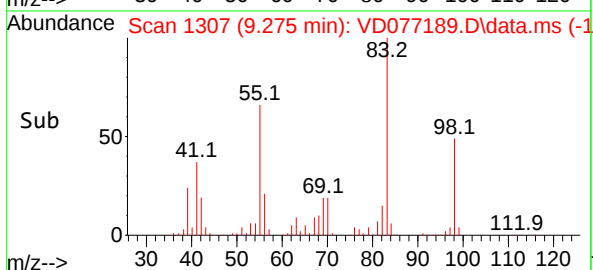
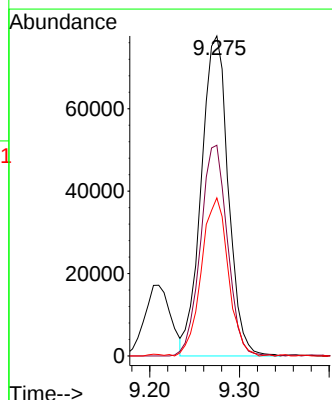
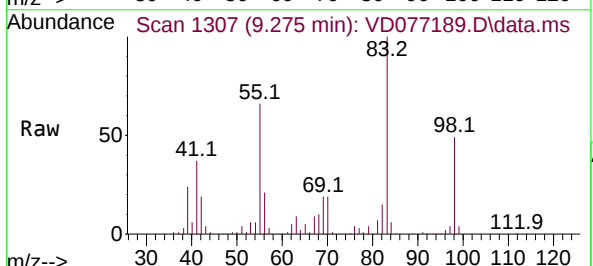
Tgt Ion: 83 Resp: 162172

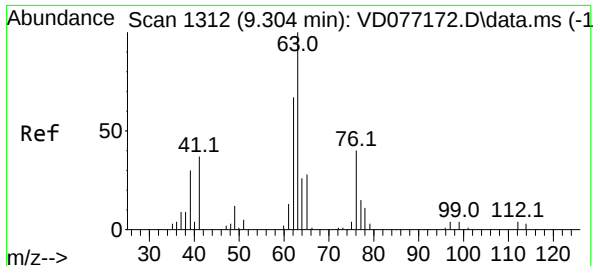
Ion Ratio Lower Upper

83 100

55 65.4 51.5 77.3

98 49.0 40.7 61.1





#37

1,2-Dichloropropane

Concen: 23.129 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

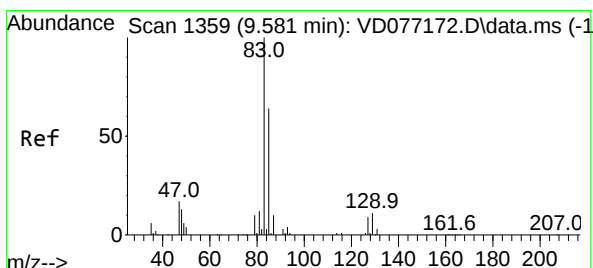
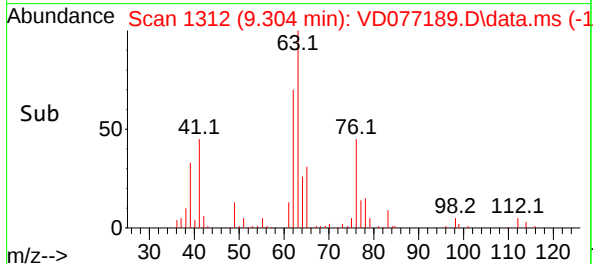
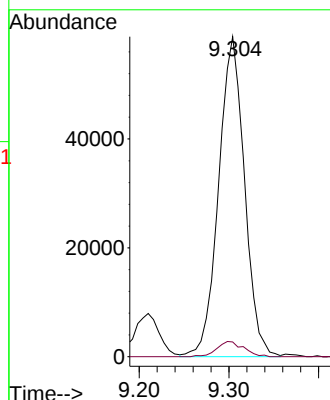
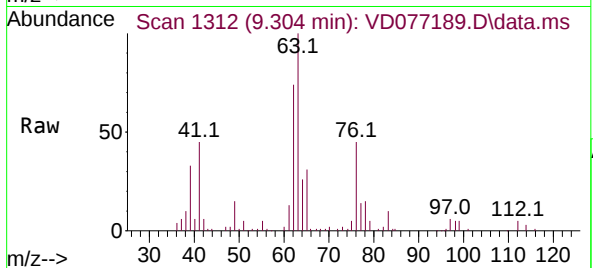
ClientSampleId :

Tgt Ion: 63 Resp: 117715

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 23.252 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

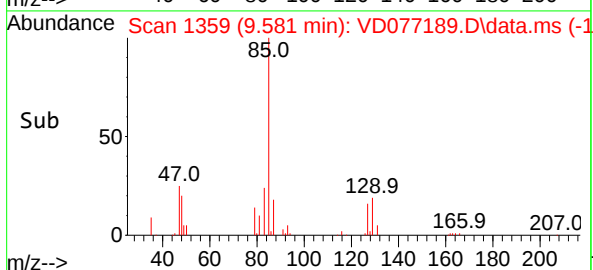
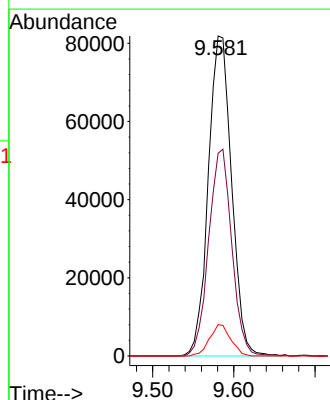
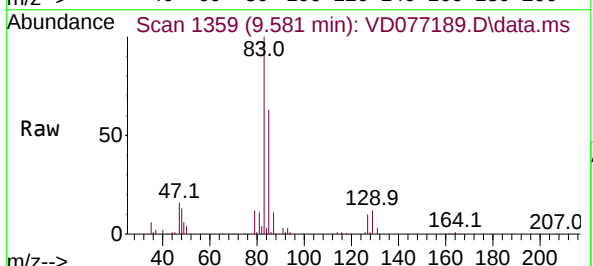
Tgt Ion: 83 Resp: 163268

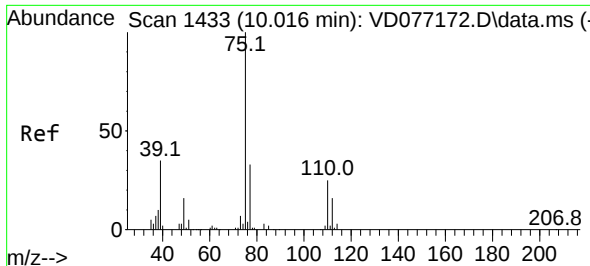
Ion Ratio Lower Upper

83 100

85 63.4 44.0 81.6

127 9.8 7.5 11.3

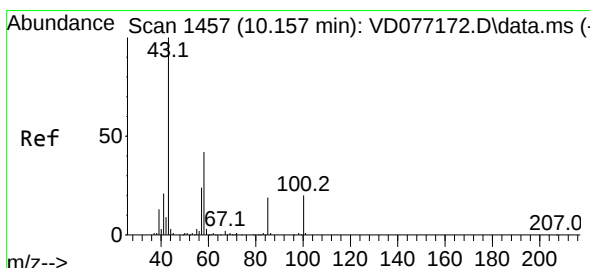
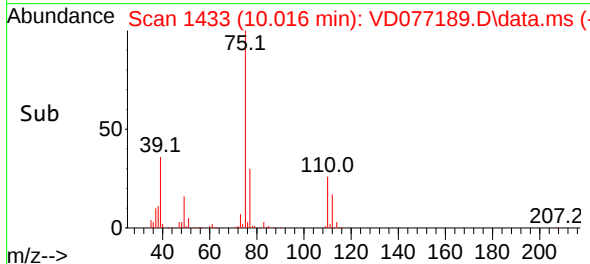
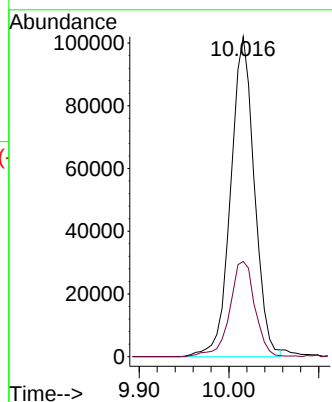
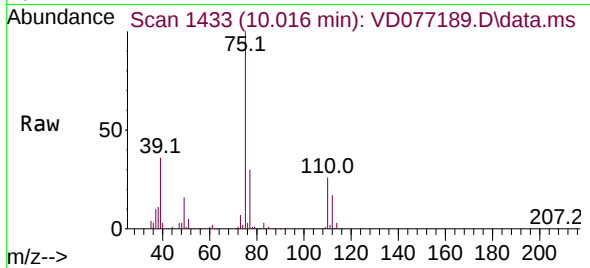




#39
cis-1,3-Dichloropropene
Concen: 23.115 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

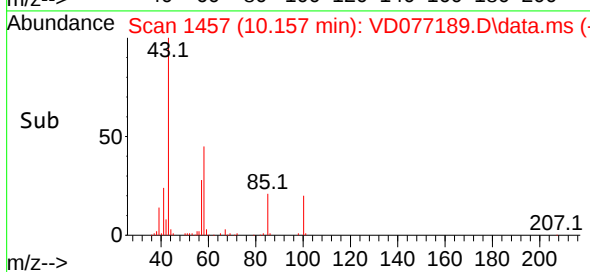
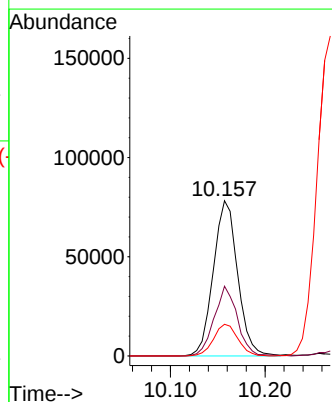
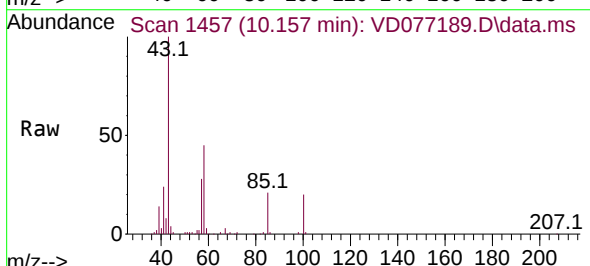
Instrument :
MSVOA_D
ClientSampleId :

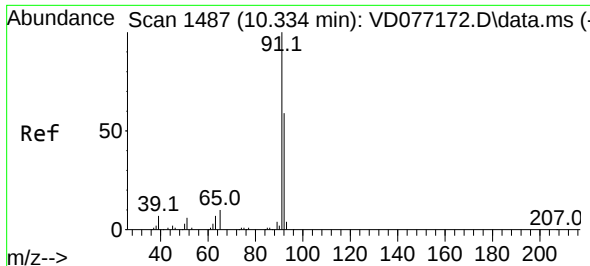
Tgt Ion: 75 Resp: 187043
Ion Ratio Lower Upper
75 100
77 29.8 23.2 43.2



#40
4-Methyl-2-pentanone
Concen: 49.897 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 43 Resp: 139576
Ion Ratio Lower Upper
43 100
58 42.8 34.6 51.8
100 20.4 16.2 24.4

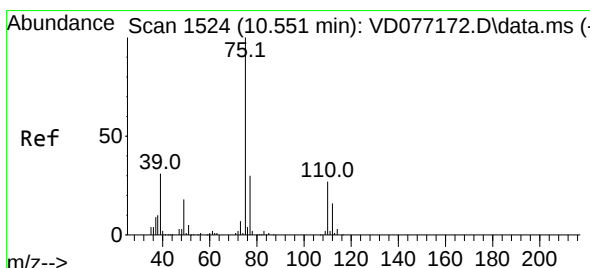
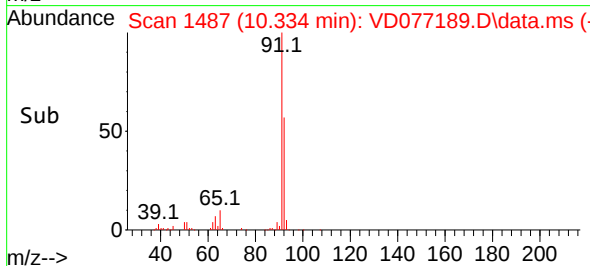
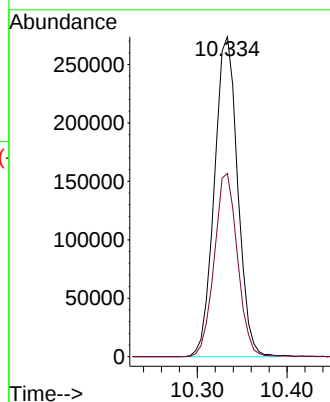
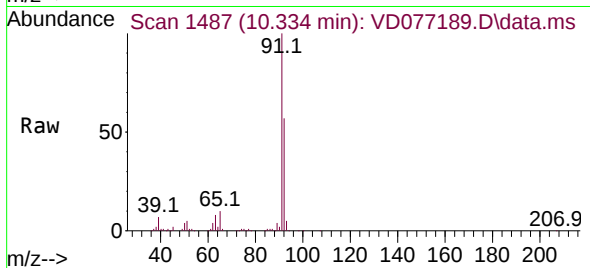




#42
Toluene
Concen: 22.577 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

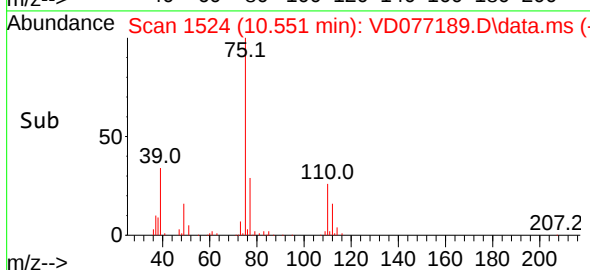
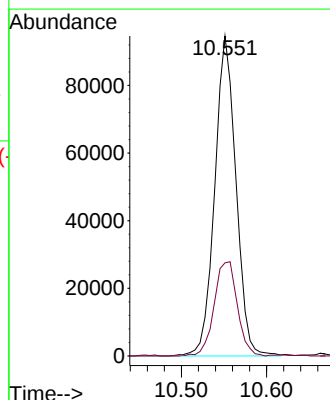
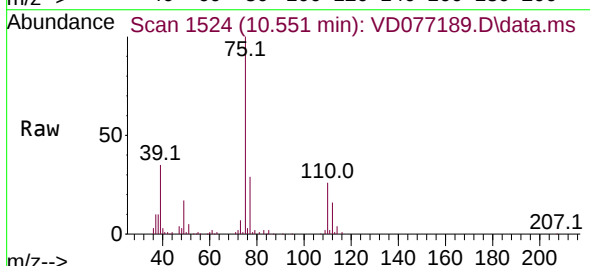
Instrument :
MSVOA_D
ClientSampleId :

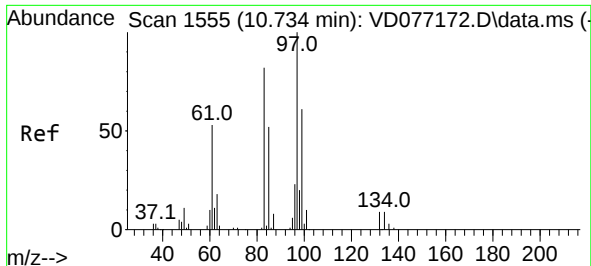
Tgt Ion: 91 Resp: 493465
Ion Ratio Lower Upper
91 100
92 57.2 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 23.647 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 75 Resp: 163593
Ion Ratio Lower Upper
75 100
77 29.1 22.5 41.9

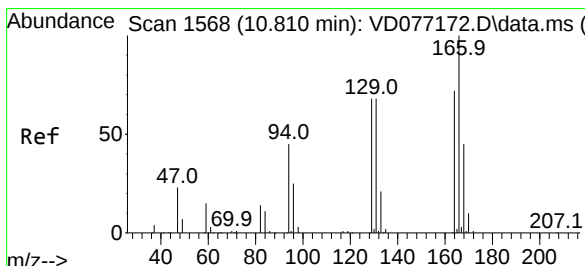
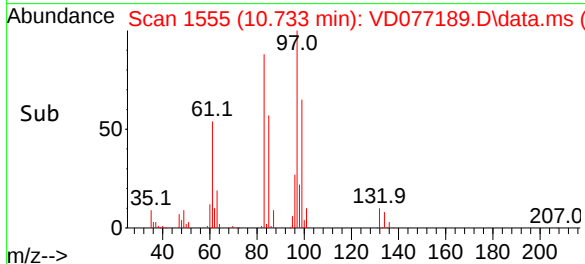
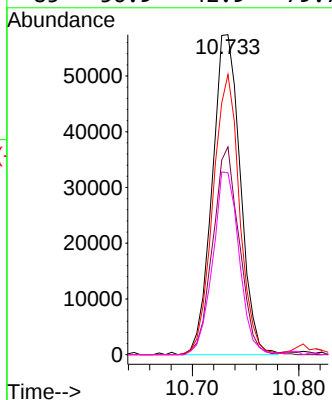
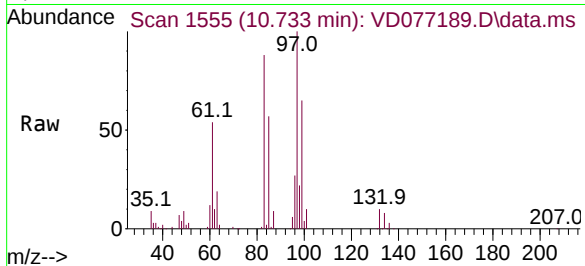




#45
1,1,2-Trichloroethane
Concen: 24.424 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

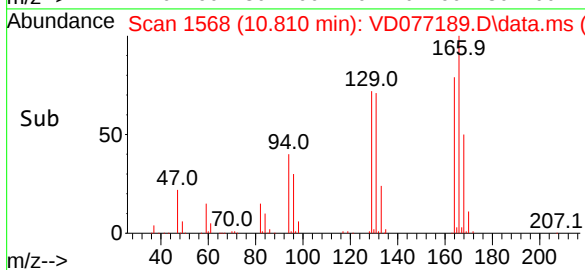
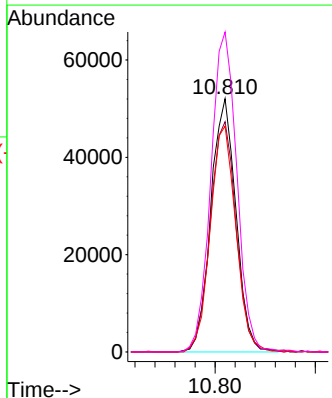
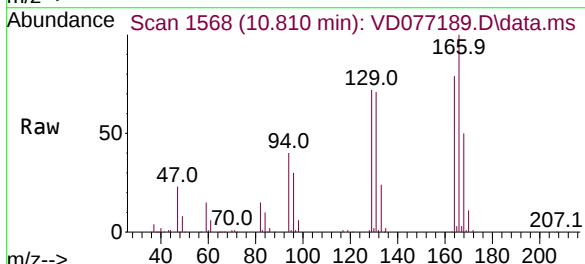
Instrument :
MSVOA_D
ClientSampleId :

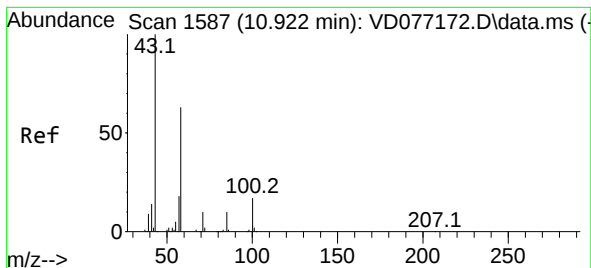
Tgt Ion: 97	Resp: 105192
Ion Ratio	Lower Upper
97 100	
99 64.9	46.1 85.5
83 87.5	64.3 119.3
85 56.9	42.9 79.7



#46
Tetrachloroethene
Concen: 20.761 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt	Ion:164	Resp:	90809
Ion	Ratio	Lower	Upper
164	100		
129	90.9	66.4	123.4
131	89.2	62.6	116.3
166	126.3	89.6	166.4





#48

2-Hexanone

Concen: 49.578 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

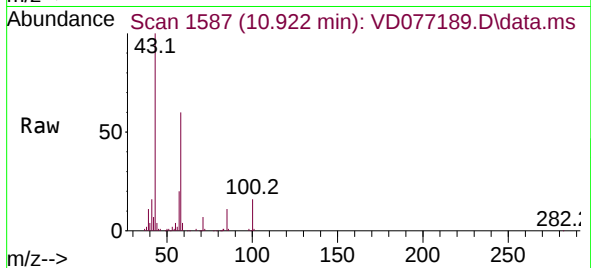
Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 106947

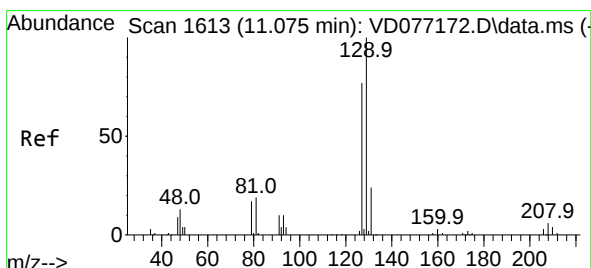
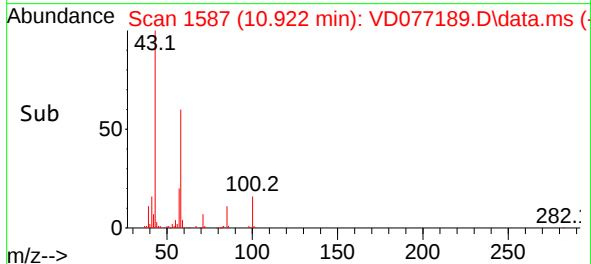
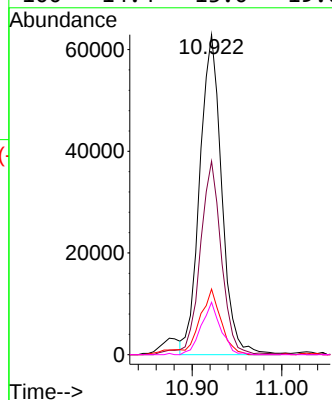
Ion Ratio Lower Upper

43 100

58 57.6 50.6 75.8

57 19.2 16.6 24.8

100 14.4 13.0 19.6



#49

Dibromochloromethane

Concen: 23.970 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD077189.D

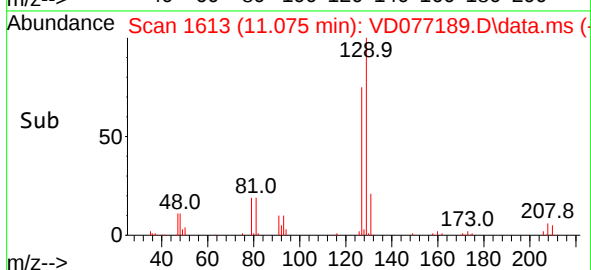
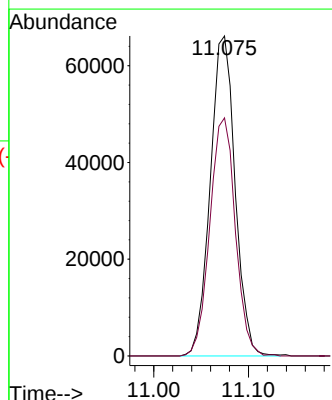
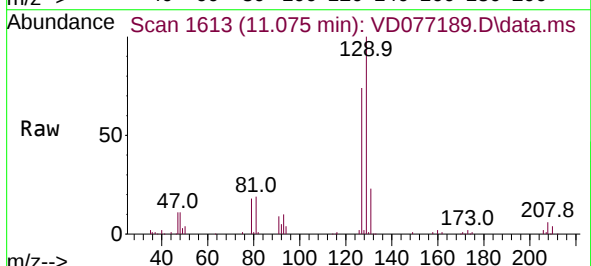
Acq: 21 Sep 2023 19:05

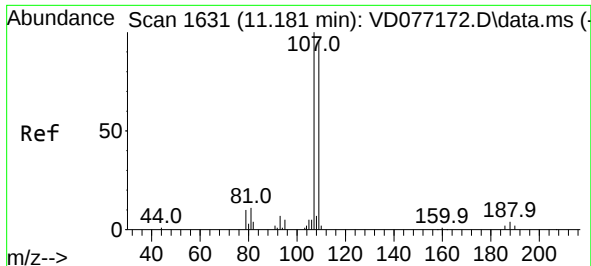
Tgt Ion:129 Resp: 120578

Ion Ratio Lower Upper

129 100

127 74.4 56.6 105.2

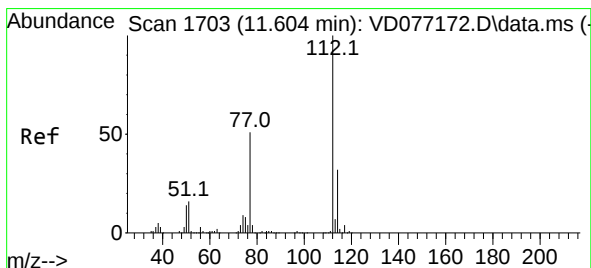
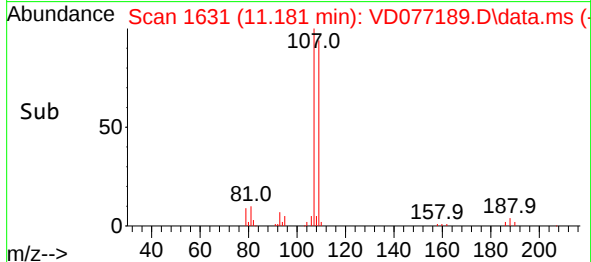
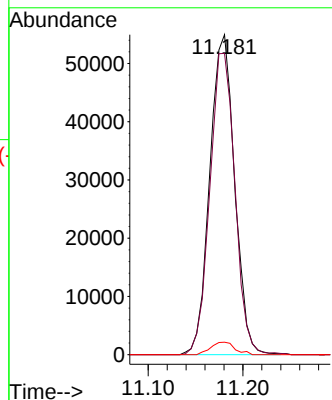
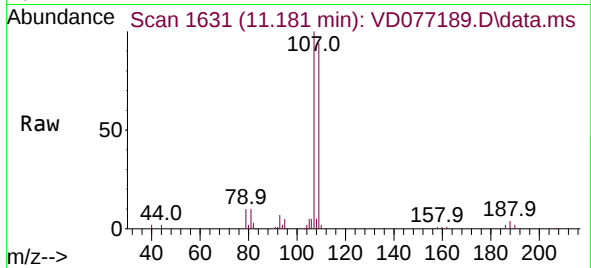




#50
1,2-Dibromoethane
Concen: 23.573 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

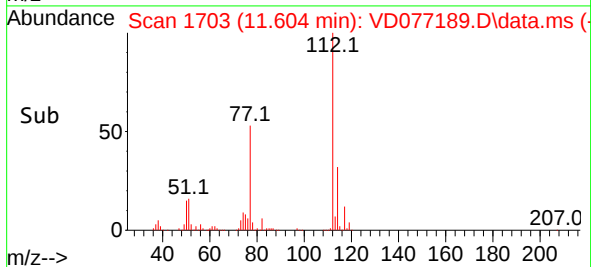
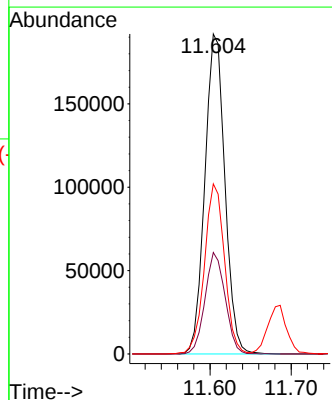
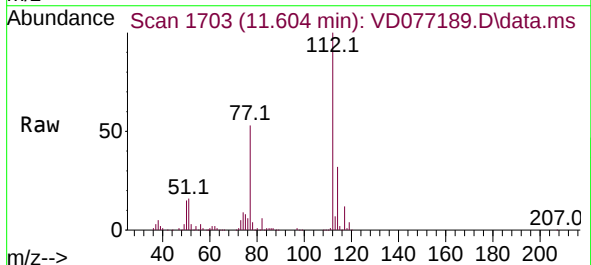
Instrument :
MSVOA_D
ClientSampleId :

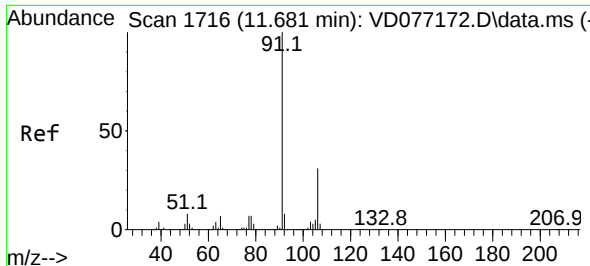
Tgt Ion:107 Resp: 100300
Ion Ratio Lower Upper
107 100
109 94.1 62.4 116.0
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 22.490 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion:112 Resp: 328688
Ion Ratio Lower Upper
112 100
114 31.7 21.0 39.0
77 53.1 41.0 61.4

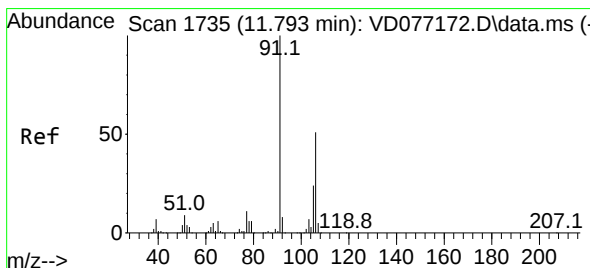
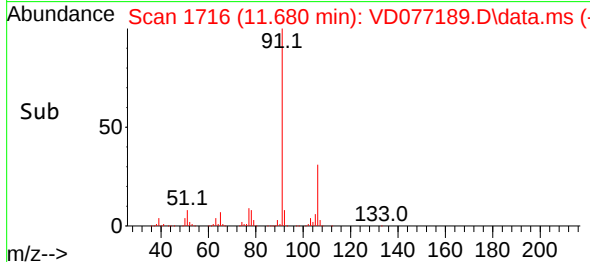
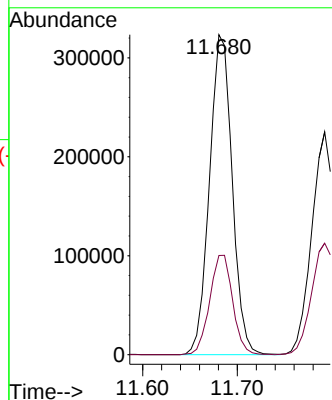
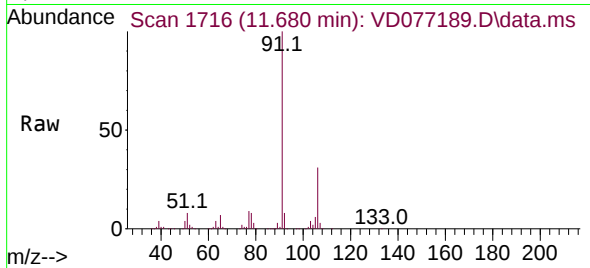




#52
Ethylbenzene
Concen: 22.755 ug/L
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

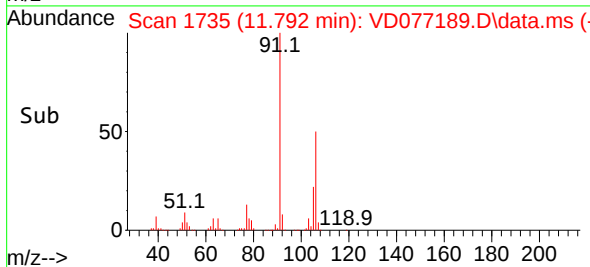
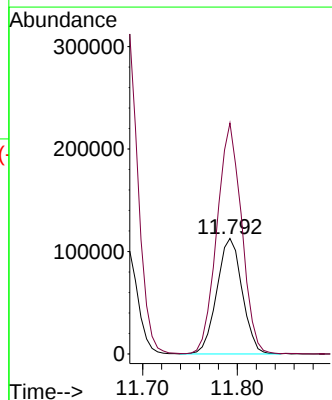
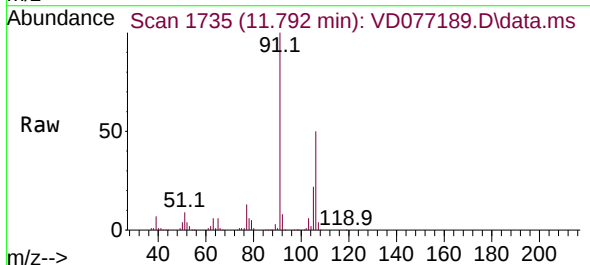
Instrument :
MSVOA_D
ClientSampleId :

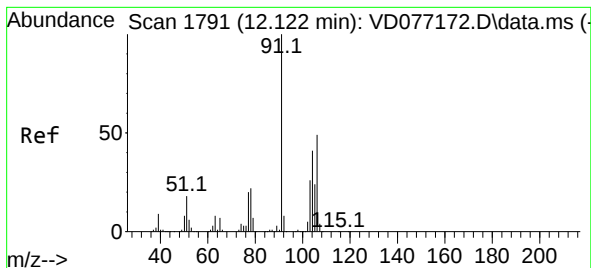
Tgt Ion: 91 Resp: 538245
Ion Ratio Lower Upper
91 100
106 31.0 22.1 41.1



#53
m,p-Xylene
Concen: 22.935 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 106 Resp: 209475
Ion Ratio Lower Upper
106 100
91 200.0 138.2 256.6





#54

o-Xylene

Concen: 22.723 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

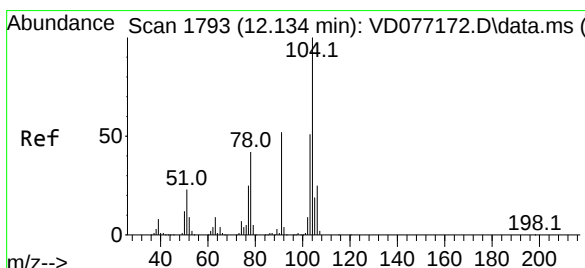
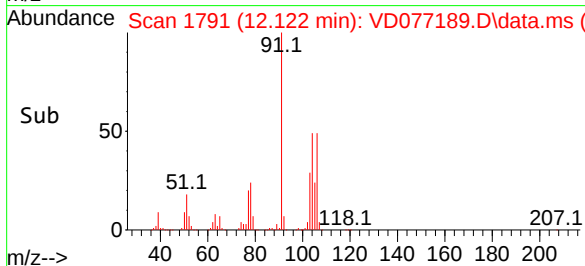
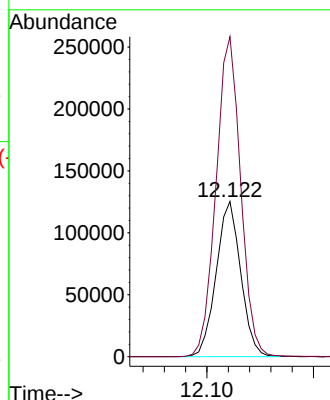
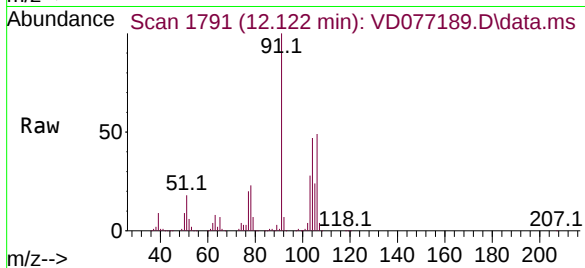
ClientSampleId :

Tgt Ion:106 Resp: 200330

Ion Ratio Lower Upper

106 100

91 206.1 146.9 272.7



#55

Styrene

Concen: 23.528 ug/L

RT: 12.133 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD077189.D

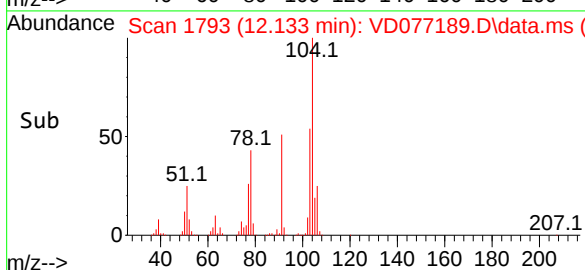
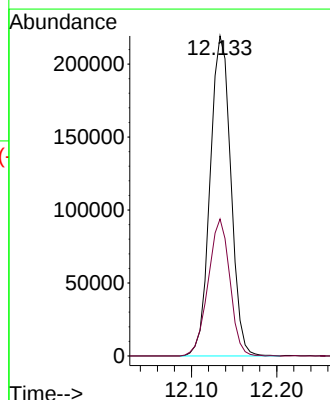
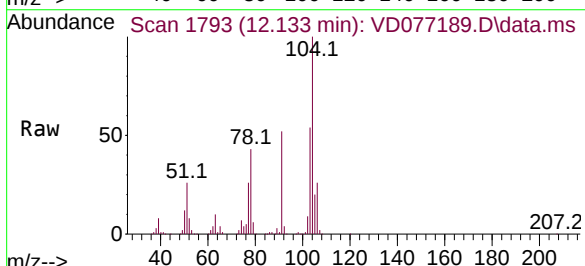
Acq: 21 Sep 2023 19:05

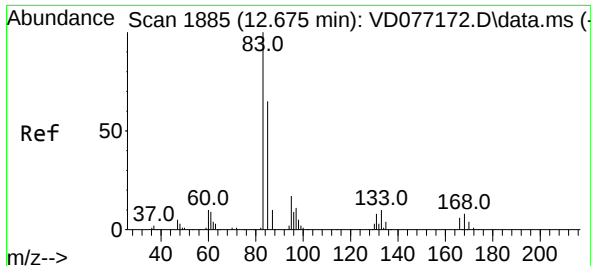
Tgt Ion:104 Resp: 370694

Ion Ratio Lower Upper

104 100

78 42.8 27.8 51.6

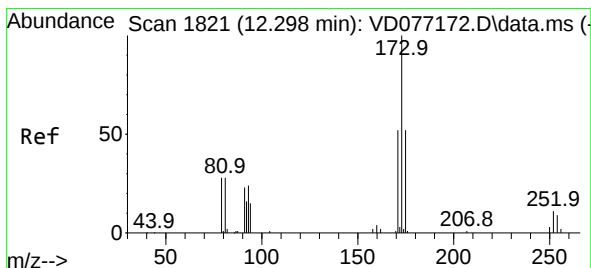
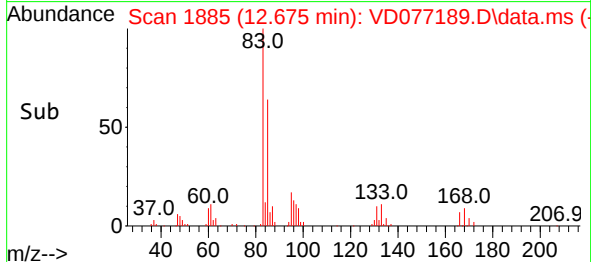
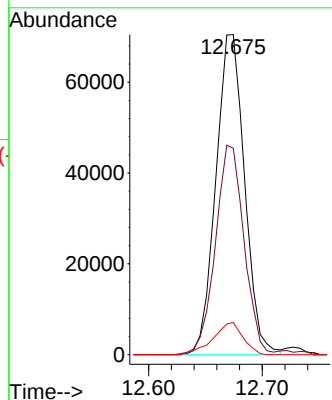
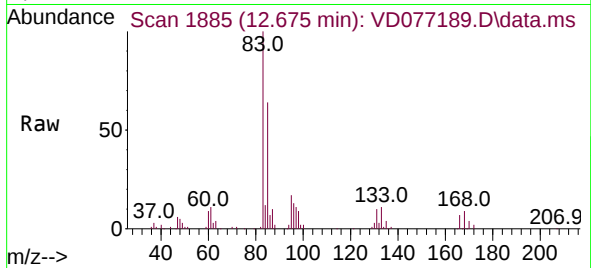




#57
1,1,2,2-Tetrachloroethane
Concen: 24.463 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

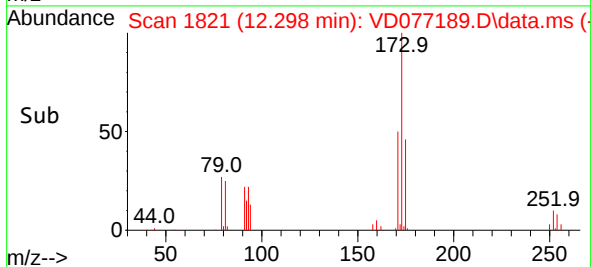
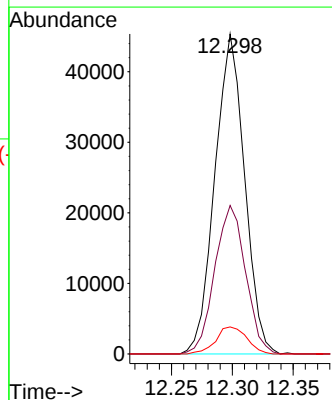
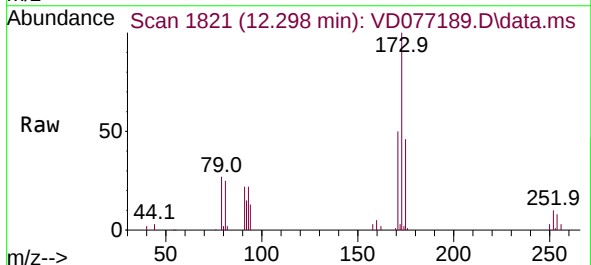
Instrument :
MSVOA_D
ClientSampleId :

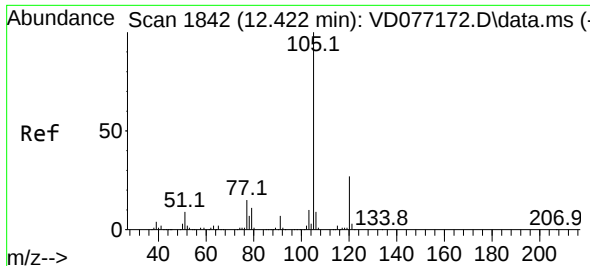
Tgt Ion: 83 Resp: 123922
Ion Ratio Lower Upper
83 100
85 64.5 43.6 81.0
131 10.1 7.8 11.8



#59
Bromoform
Concen: 23.716 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 173 Resp: 76956
Ion Ratio Lower Upper
173 100
175 48.1 38.7 58.1
254 8.8 7.0 10.6

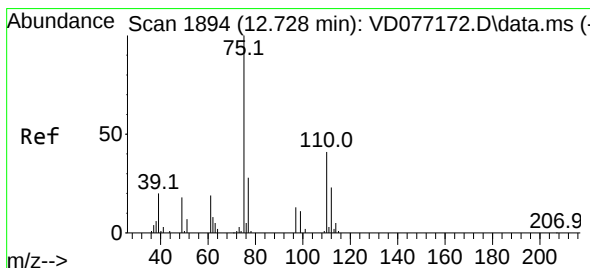
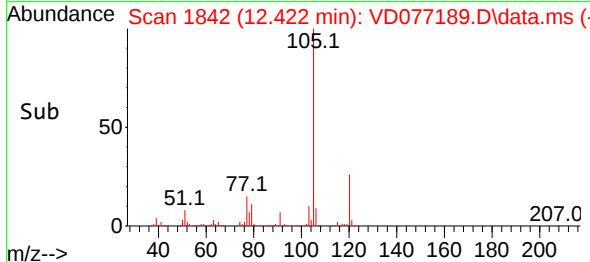
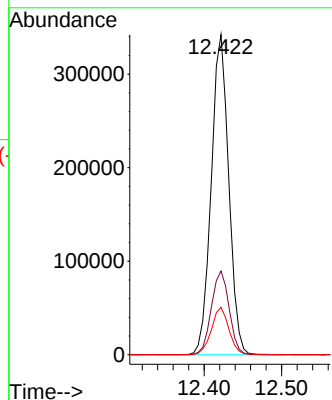
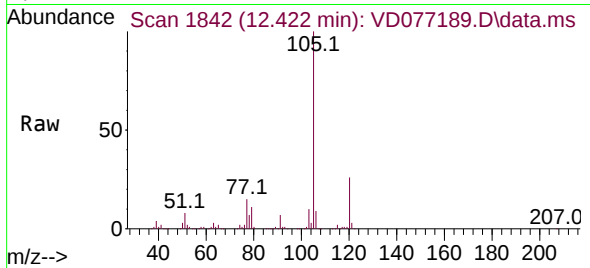




#60
Isopropylbenzene
Concen: 23.124 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

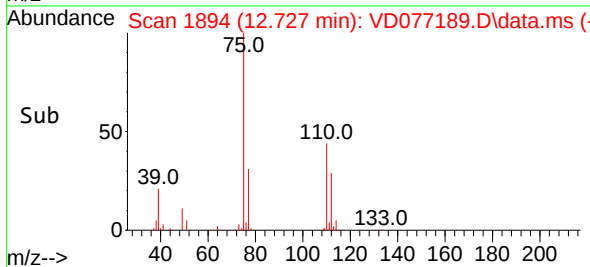
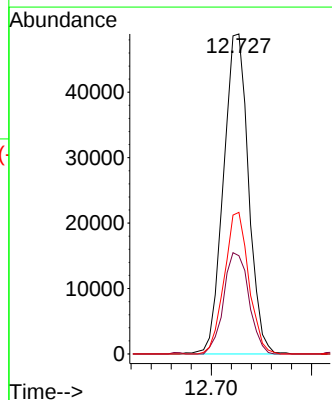
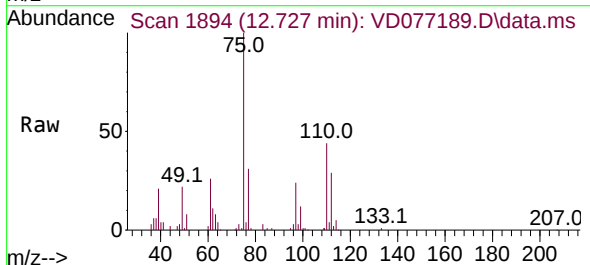
Instrument :
MSVOA_D
ClientSampleId :

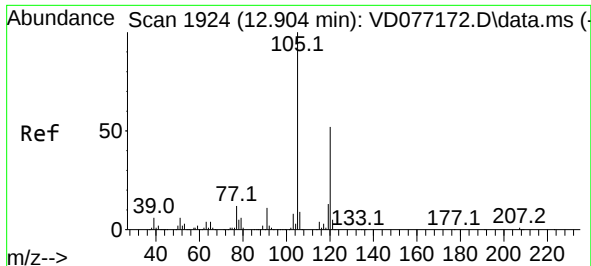
Tgt Ion:105 Resp: 536221
Ion Ratio Lower Upper
105 100
120 26.5 21.8 32.6
77 14.8 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 24.663 ug/L
RT: 12.727 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion: 75 Resp: 84697
Ion Ratio Lower Upper
75 100
77 31.9 26.6 40.0
110 43.3 33.6 50.4

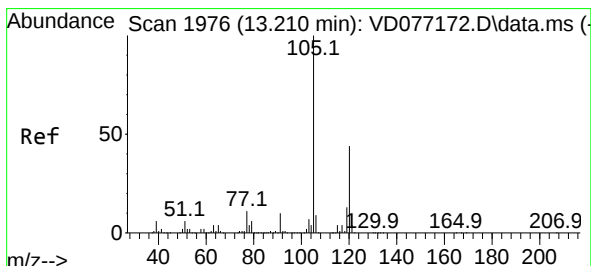
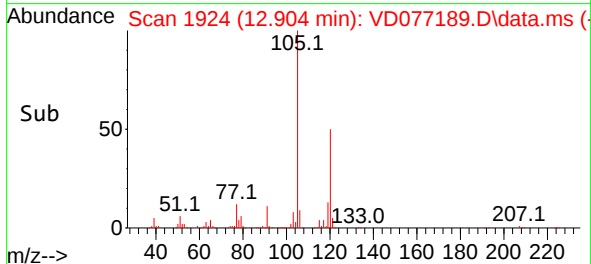
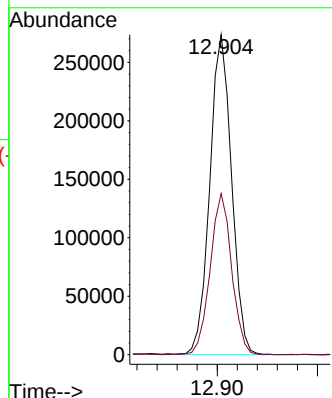
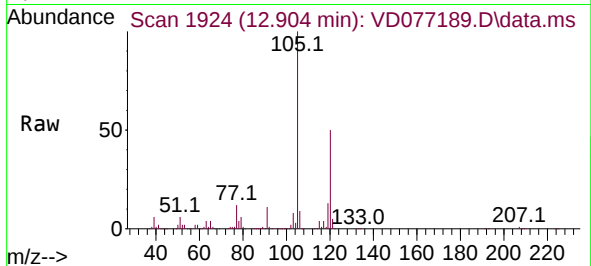




#62
 1,3,5-Trimethylbenzene
 Concen: 23.038 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

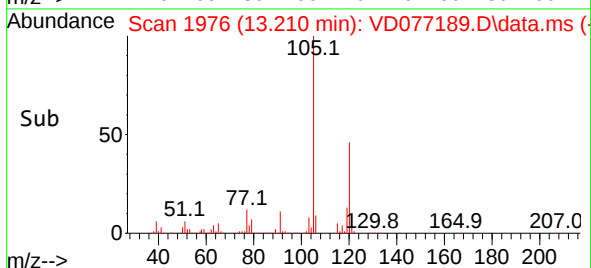
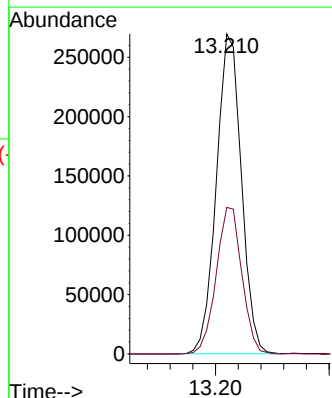
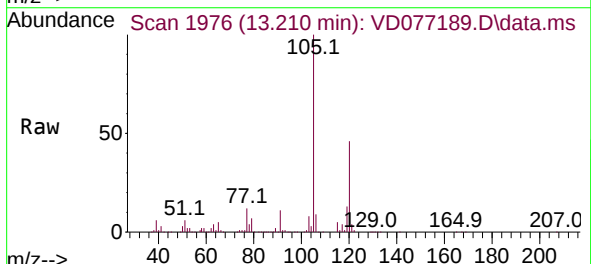
Instrument :
 MSVOA_D
 ClientSampleId :

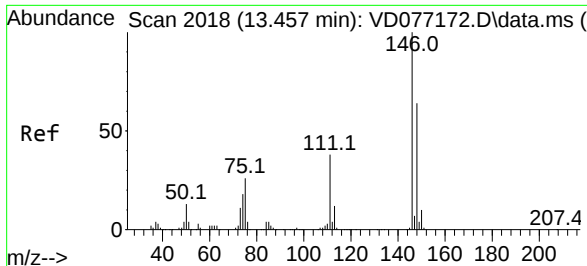
Tgt Ion:105 Resp: 413186
 Ion Ratio Lower Upper
 105 100
 120 49.7 40.2 60.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.481 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

Tgt Ion:105 Resp: 412582
 Ion Ratio Lower Upper
 105 100
 120 47.0 37.8 56.8

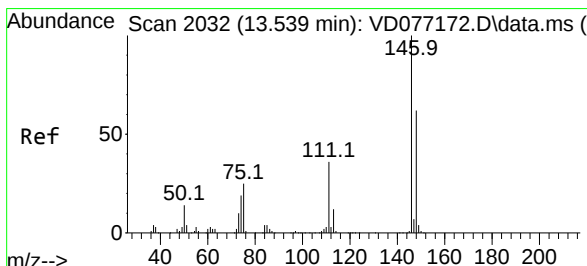
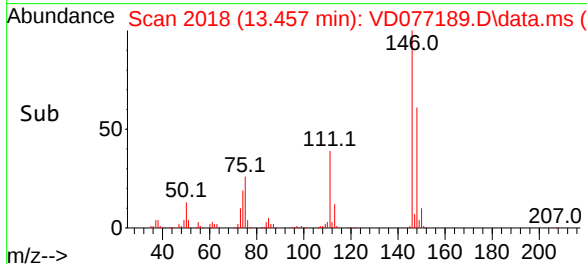
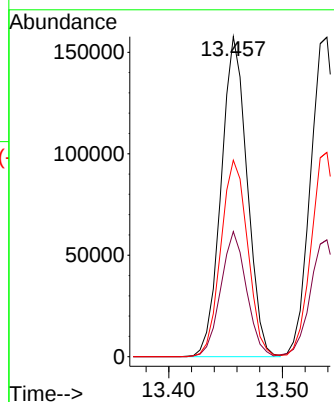
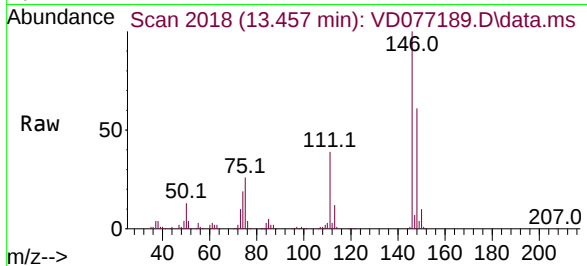




#64
1,3-Dichlorobenzene
Concen: 22.719 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

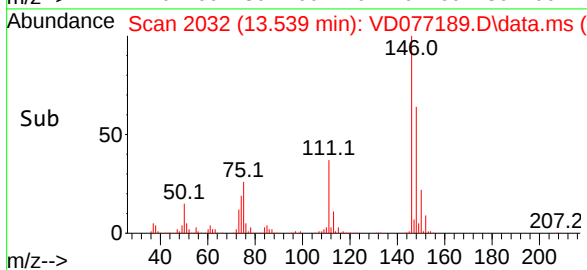
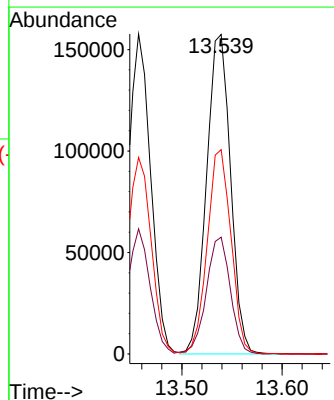
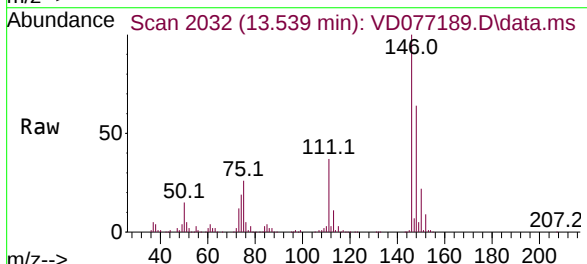
Instrument :
MSVOA_D
ClientSampleId :

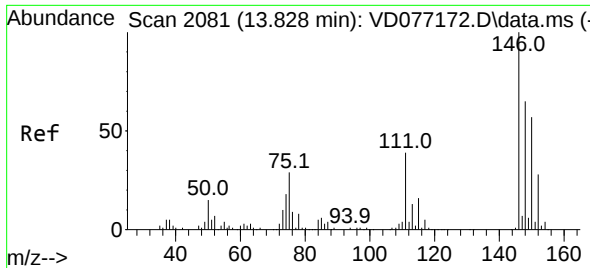
Tgt Ion:146 Resp: 250988
Ion Ratio Lower Upper
146 100
111 39.1 25.2 46.8
148 61.4 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 22.728 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077189.D
Acq: 21 Sep 2023 19:05

Tgt Ion:146 Resp: 262316
Ion Ratio Lower Upper
146 100
111 36.6 25.5 47.3
148 64.0 45.5 84.5

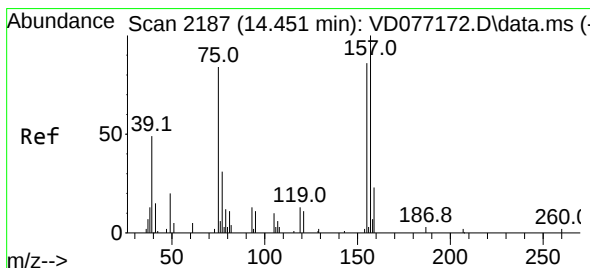
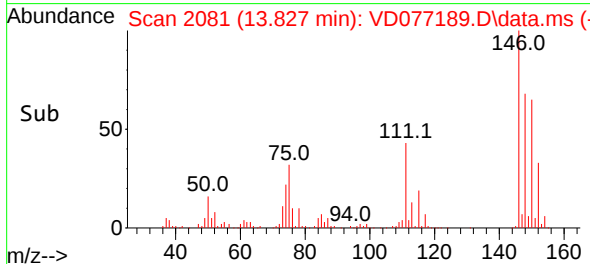
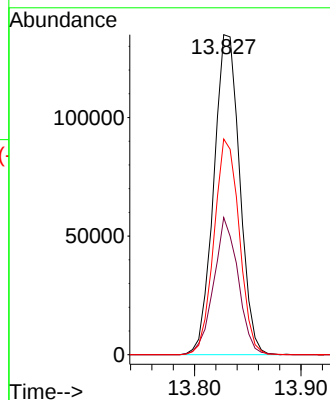
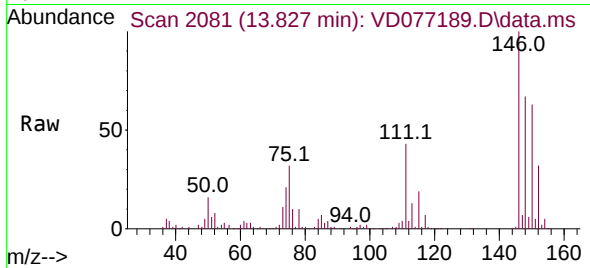




#67
 1,2-Dichlorobenzene
 Concen: 22.426 ug/L
 RT: 13.827 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

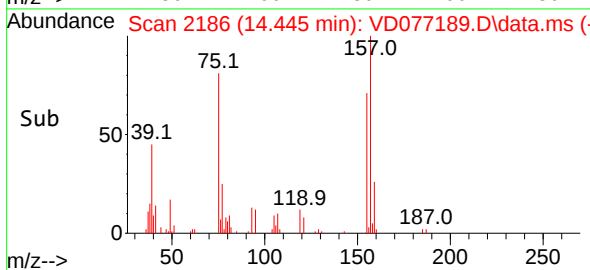
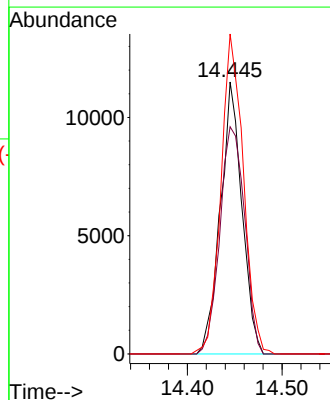
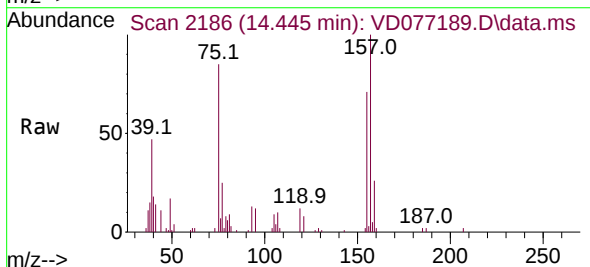
Instrument :
 MSVOA_D
 ClientSampleId :

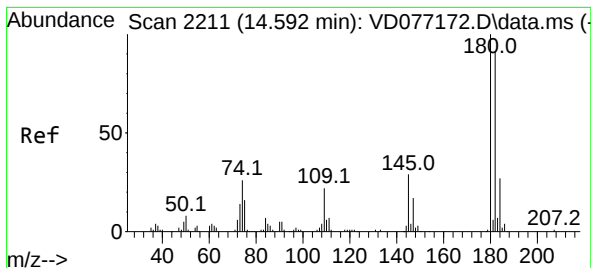
Tgt Ion:146 Resp: 227868
 Ion Ratio Lower Upper
 146 100
 111 42.9 31.8 47.6
 148 67.4 53.0 79.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.326 ug/L
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077189.D
 Acq: 21 Sep 2023 19:05

Tgt Ion: 75 Resp: 18190
 Ion Ratio Lower Upper
 75 100
 155 83.5 79.0 118.6
 157 117.6 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 22.115 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. -0.000 min

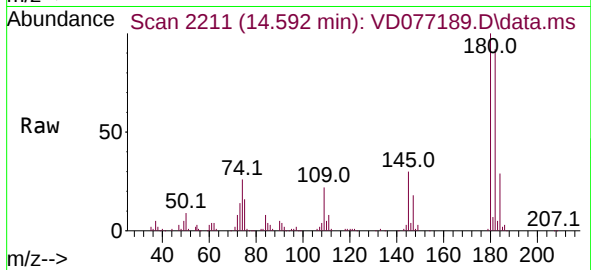
Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 161004

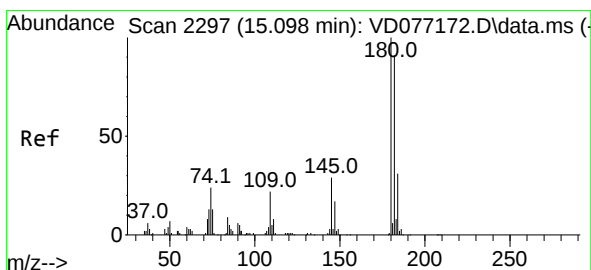
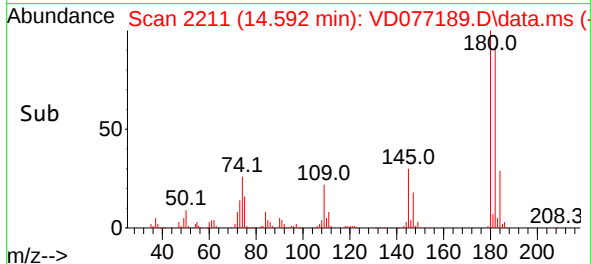
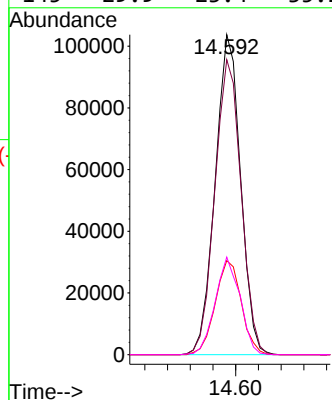
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.4

184 30.2 24.2 36.2

145 29.9 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 21.967 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

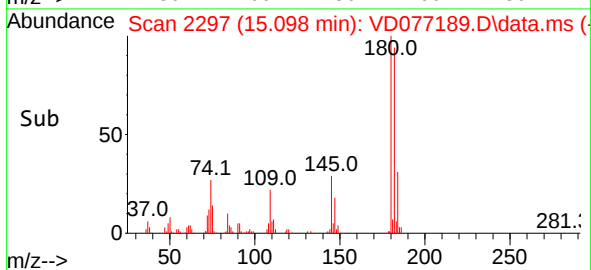
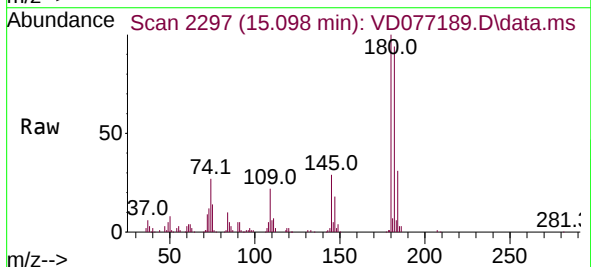
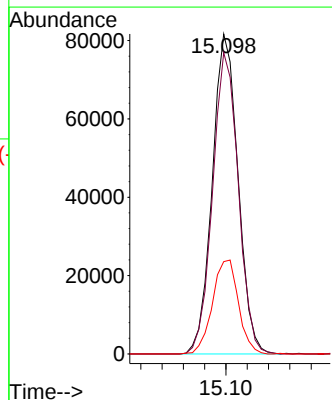
Tgt Ion:180 Resp: 136879

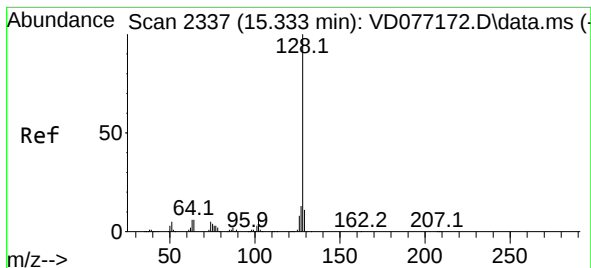
Ion Ratio Lower Upper

180 100

182 94.0 76.3 114.5

145 29.6 23.8 35.8





#71

Naphthalene

Concen: 24.200 ug/L

RT: 15.333 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Instrument :

MSVOA_D

ClientSampleId :

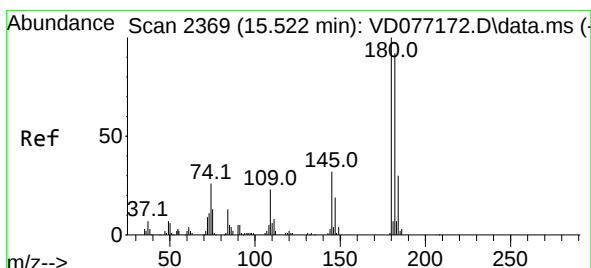
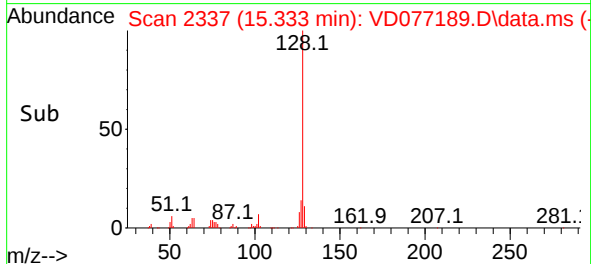
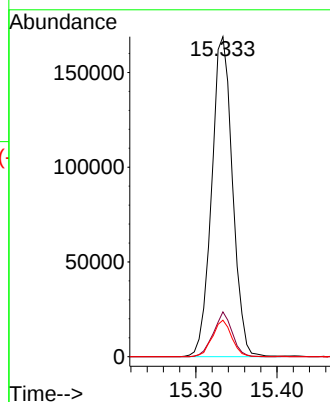
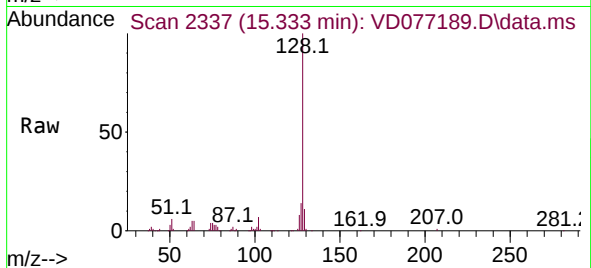
Tgt Ion:128 Resp: 301456

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.6 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 22.555 ug/L

RT: 15.521 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD077189.D

Acq: 21 Sep 2023 19:05

Tgt Ion:180 Resp: 129081

Ion Ratio Lower Upper

180 100

182 96.1 76.6 115.0

145 32.0 25.4 38.2

