

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092123\
 Data File : VD077172.D
 Acq On : 21 Sep 2023 09:39
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 01:26:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM090123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	309814	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	313311	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	169820	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	200160	26.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 104.880%	
7) Chloroethane-d5	2.805	69	175885	28.017	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 112.080%	
11) 1,1-Dichloroethene-d2	3.916	65	47811	27.571	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 110.280%#	
21) 2-Butanone-d5	6.987	46	56668	58.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 117.840%	
24) Chloroform-d	7.569	84	237103	27.969	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.880%	
26) 1,2-Dichloroethane-d4	8.228	65	113792	28.320	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 113.280%	
32) Benzene-d6	8.199	84	474035	27.394	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 109.560%	
36) 1,2-Dichloropropane-d6	9.210	67	137772	27.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 111.040%	
41) Toluene-d8	10.269	98	434944	27.458	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 109.840%	
43) trans-1,3-Dichloroprop...	10.522	79	56043	24.785	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 99.160%	
47) 2-Hexanone-d5	10.881	63	47762	60.260	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 120.520%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	127844	28.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 115.600%	
66) 1,2-Dichlorobenzene-d4	13.816	152	140595	25.794	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 103.160%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	96296	24.237	ug/L	98
3) Chloromethane	2.146	50	152291	22.588	ug/L	98
5) Vinyl chloride	2.281	62	191990	24.276	ug/L	97
6) Bromomethane	2.693	94	119880	21.699	ug/L	97
8) Chloroethane	2.840	64	130282	25.102	ug/L	99
9) Trichlorofluoromethane	3.175	101	184794	24.711	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	120400	26.320	ug/L	99
12) 1,1-Dichloroethene	3.940	96	102449	24.626	ug/L	95
13) Acetone	4.016	43	84048	60.921	ug/L	98
14) Carbon disulfide	4.269	76	280521	20.829	ug/L	99
15) Methyl Acetate	4.563	43	46856	25.392	ug/L #	87
16) Methylene chloride	4.799	84	124768	19.787	ug/L	99
17) trans-1,2-Dichloroethene	5.310	96	112787	24.899	ug/L	92
18) Methyl tert-butyl Ether	5.310	73	244113	24.954	ug/L	99
19) 1,1-Dichloroethane	6.105	63	199498	26.120	ug/L	97
20) cis-1,2-Dichloroethene	7.081	96	128090	24.699	ug/L	98
22) 2-Butanone	7.075	43	94083	56.527	ug/L	97
23) Bromochloromethane	7.422	128	62496	25.252	ug/L	95
25) Chloroform	7.593	83	224043	26.271	ug/L	98

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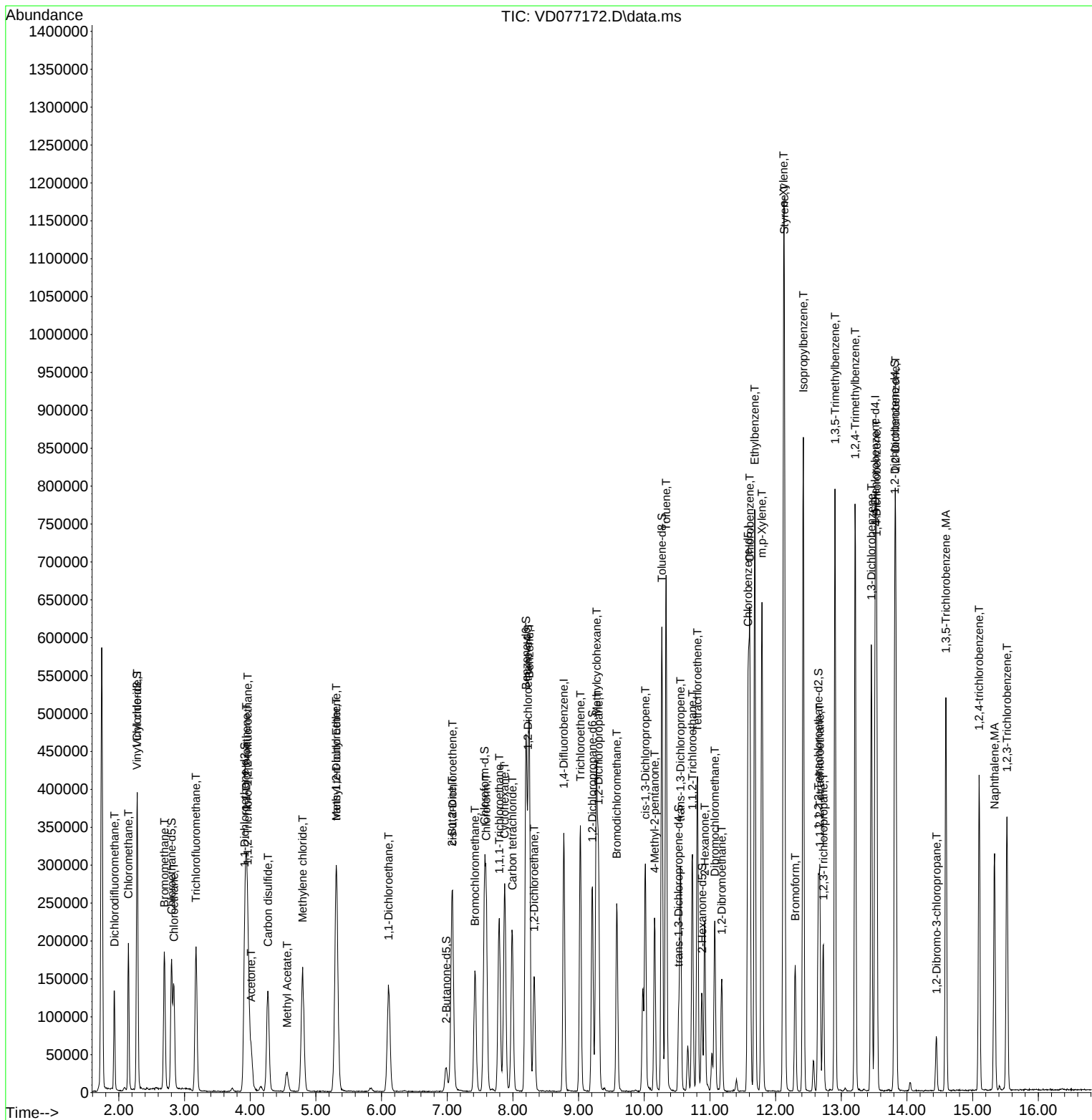
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 ClientSampleId :

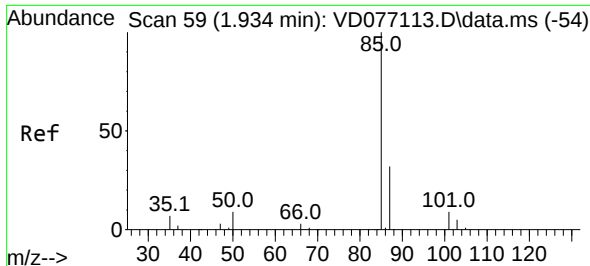
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 Quant Title : SFAM01.0
 QLast Update : Sat Sep 02 01:35:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	132220	25.886	ug/L	96
29) Cyclohexane	7.875	56	138186	23.454	ug/L	99
30) 1,1,1-Trichloroethane	7.793	97	193374	26.403	ug/L	98
31) Carbon tetrachloride	7.993	117	159139	25.686	ug/L	98
33) Benzene	8.252	78	478110	25.403	ug/L	100
34) Trichloroethene	9.028	95	124561	24.959	ug/L	97
35) Methylcyclohexane	9.275	83	181716	23.611	ug/L	98
37) 1,2-Dichloropropane	9.304	63	124357	26.197	ug/L	100
38) Bromodichloromethane	9.581	83	164956	25.187	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	189780	25.145	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	145108	55.617	ug/L	99
42) Toluene	10.334	91	525260	25.766	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	170770	26.465	ug/L	95
45) 1,1,2-Trichloroethane	10.734	97	105326	26.219	ug/L	90
46) Tetrachloroethene	10.810	164	99948	24.499	ug/L	95
48) 2-Hexanone	10.922	43	138931	69.051	ug/L	95
49) Dibromochloromethane	11.075	129	121911	25.984	ug/L	96
50) 1,2-Dibromoethane	11.181	107	99521	25.077	ug/L	93
51) Chlorobenzene	11.604	112	338665	24.845	ug/L	99
52) Ethylbenzene	11.681	91	571348	25.897	ug/L	99
53) m,p-Xylene	11.793	106	217411	25.521	ug/L	99
54) o-Xylene	12.122	106	211722	25.747	ug/L	96
55) Styrene	12.134	104	382845	26.052	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	126395	26.752	ug/L	96
59) Bromoform	12.298	173	77517	25.309	ug/L	97
60) Isopropylbenzene	12.422	105	555791	25.393	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	83205	25.669	ug/L	98
62) 1,3,5-Trimethylbenzene	12.904	105	421788	24.916	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	419888	25.317	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	253027	24.265	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	263999	24.234	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	236179	24.626	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	17385	25.645	ug/L	96
69) 1,3,5-Trichlorobenzene	14.592	180	165248	24.047	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	136865	23.271	ug/L	99
71) Naphthalene	15.333	128	280869	23.888	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	130039	24.073	ug/L	98

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

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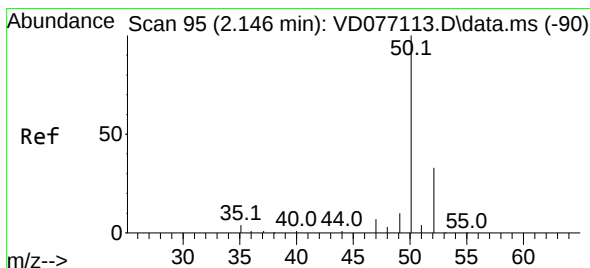
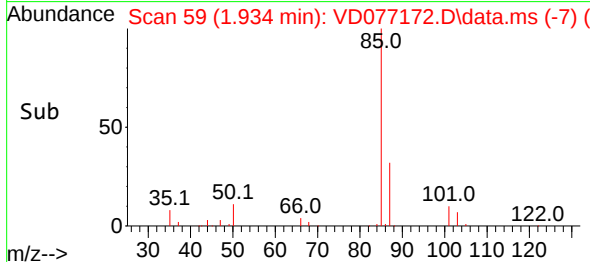
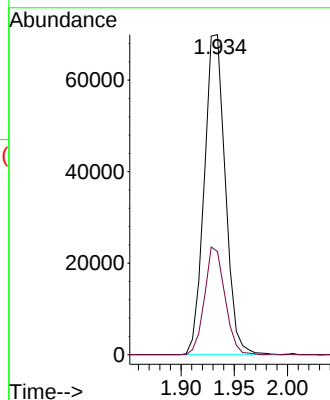
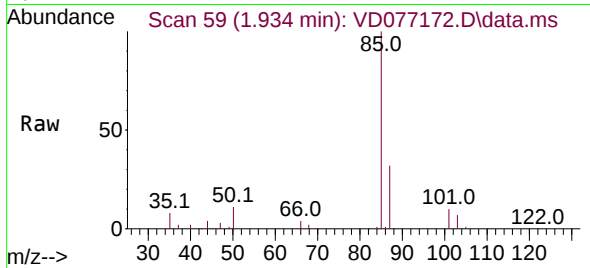




#2
Dichlorodifluoromethane
Concen: 24.237 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

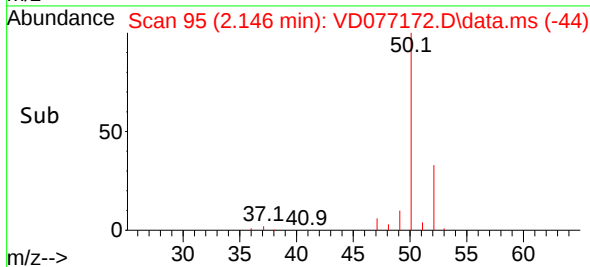
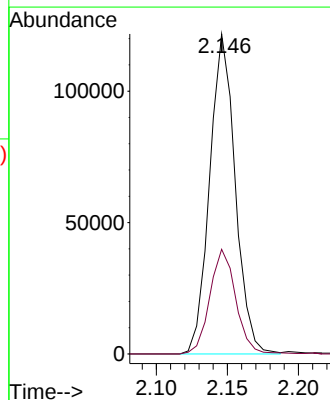
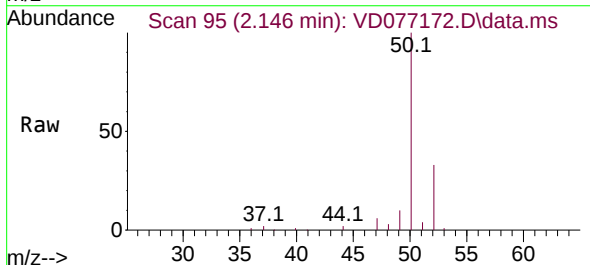
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MSVOA_D
ClientSampleId :

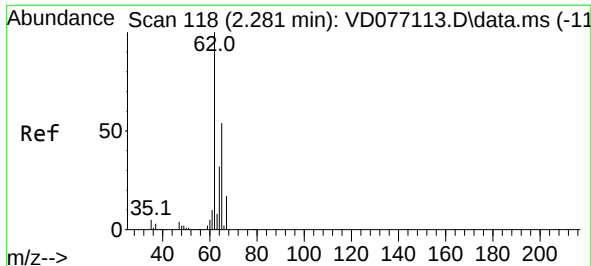
Tgt Ion: 85 Resp: 96296
Ion Ratio Lower Upper
85 100
87 32.5 27.0 40.6



#3
Chloromethane
Concen: 22.588 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 50 Resp: 152291
Ion Ratio Lower Upper
50 100
52 32.7 23.5 43.7

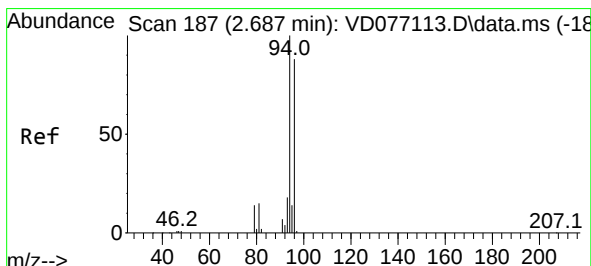
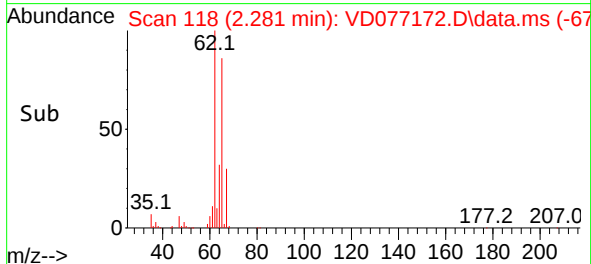
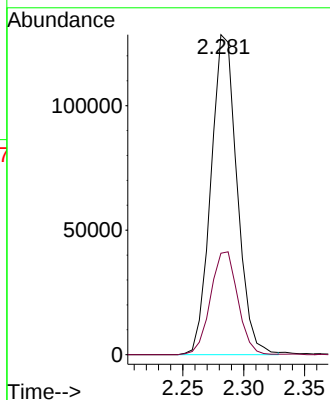
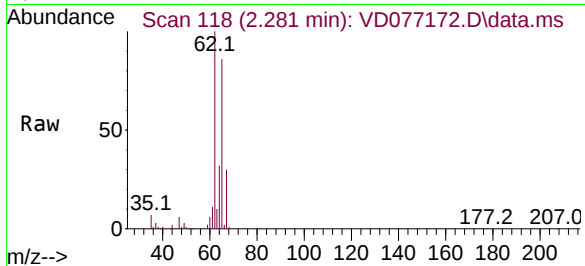




#5
 Vinyl chloride
 Concen: 24.276 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077172.D
 Acq: 21 Sep 2023 09:39

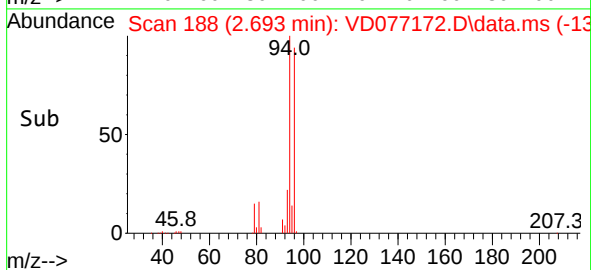
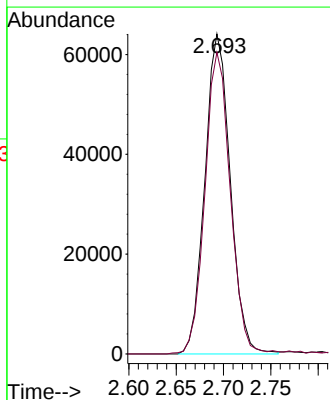
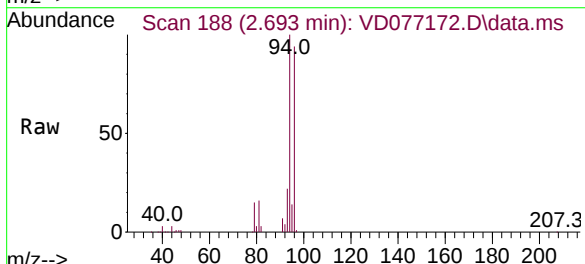
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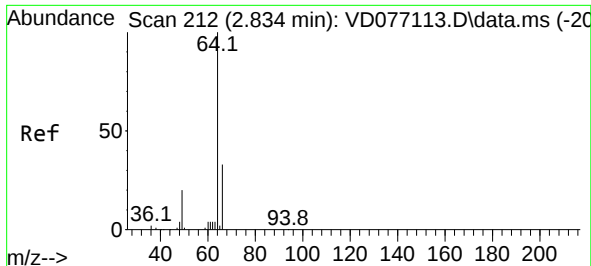
Tgt Ion: 62 Resp: 191990
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.2 43.2



#6
 Bromomethane
 Concen: 21.699 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD077172.D
 Acq: 21 Sep 2023 09:39

Tgt Ion: 94 Resp: 119880
 Ion Ratio Lower Upper
 94 100
 96 94.2 68.2 126.6

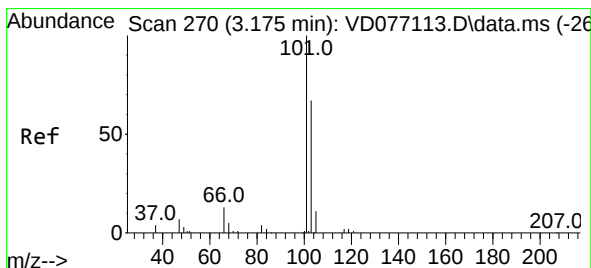
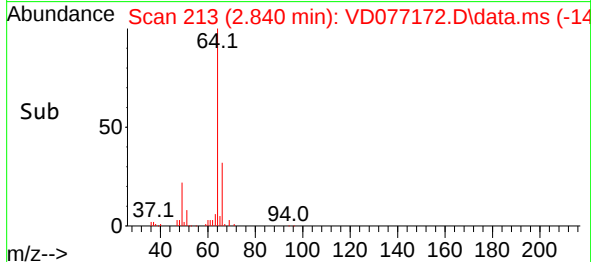
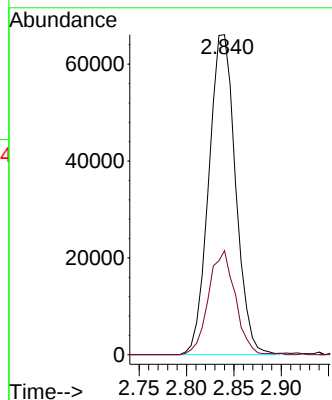
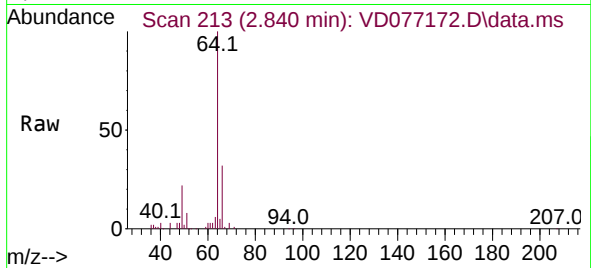




#8
Chloroethane
Concen: 25.102 ug/L
RT: 2.840 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

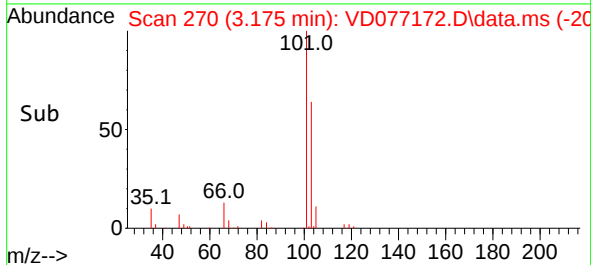
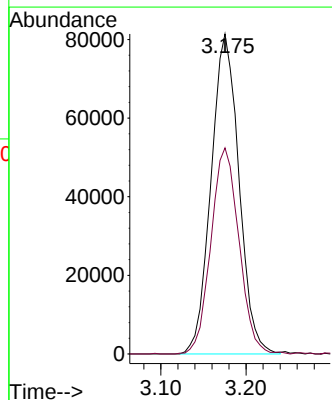
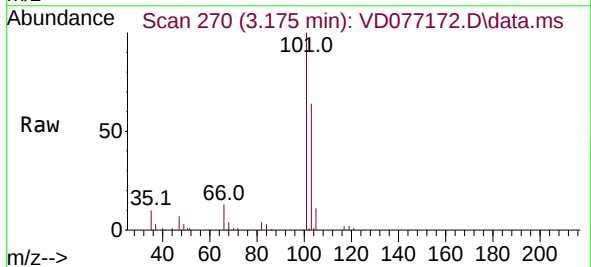
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ClientSampleId :

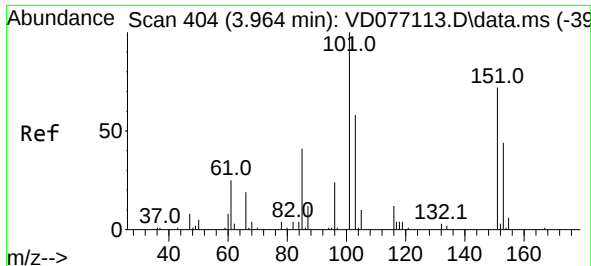
Tgt Ion: 64 Resp: 130282
Ion Ratio Lower Upper
64 100
66 32.5 23.0 42.6



#9
Trichlorofluoromethane
Concen: 24.711 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:101 Resp: 184794
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

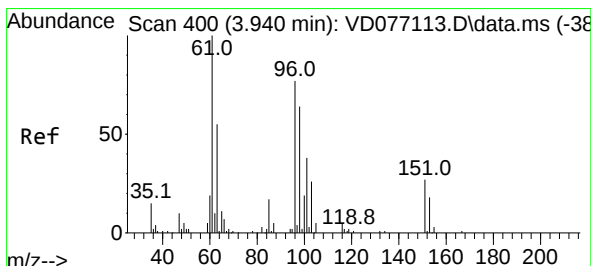
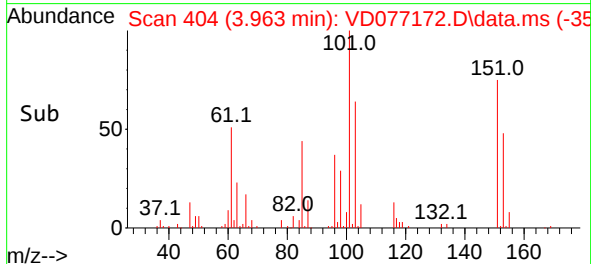
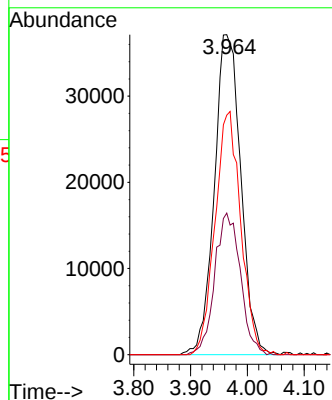
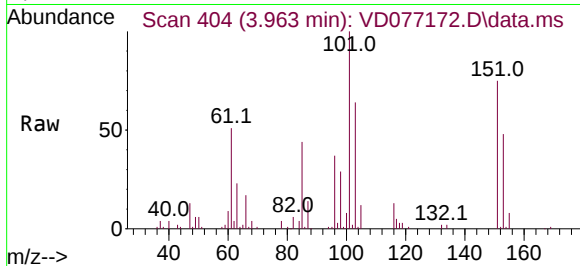




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.320 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD077172.D
 Acq: 21 Sep 2023 09:39

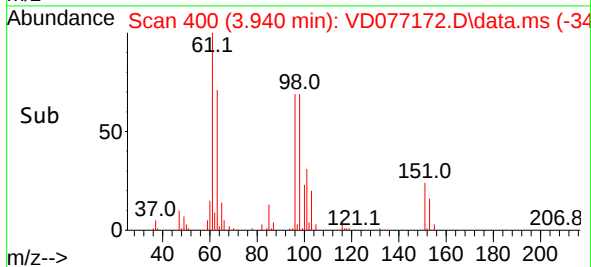
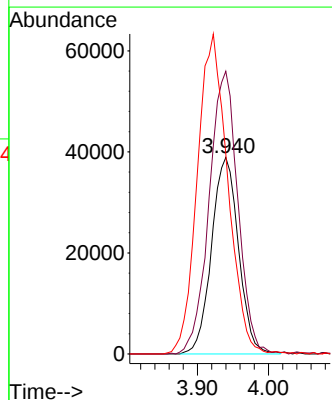
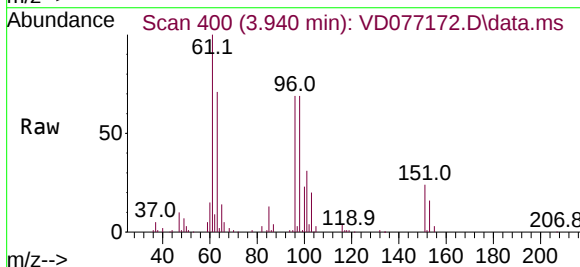
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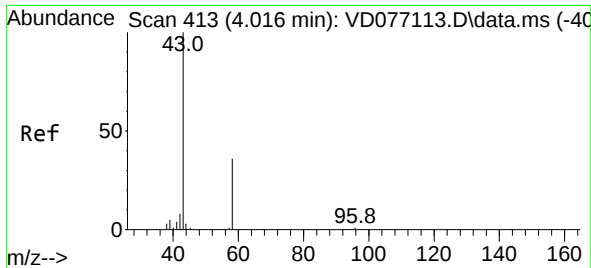
Tgt Ion:101 Resp: 120400
 Ion Ratio Lower Upper
 101 100
 85 42.7 33.4 50.2
 151 73.7 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 24.626 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD077172.D
 Acq: 21 Sep 2023 09:39

Tgt Ion: 96 Resp: 102449
 Ion Ratio Lower Upper
 96 100
 61 144.0 95.5 177.3
 63 101.8 68.6 127.4

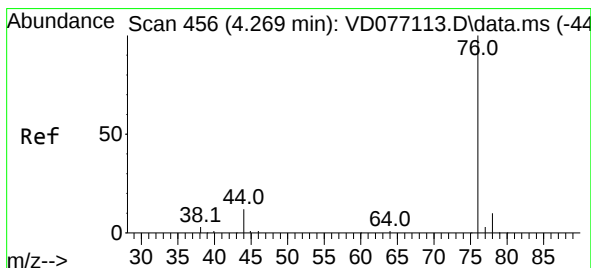
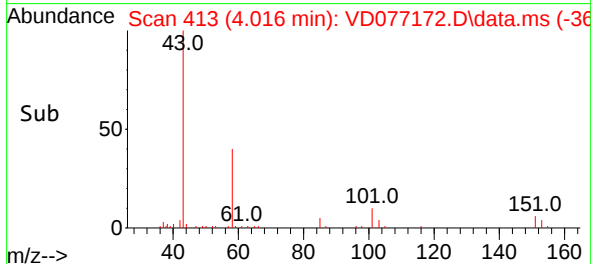
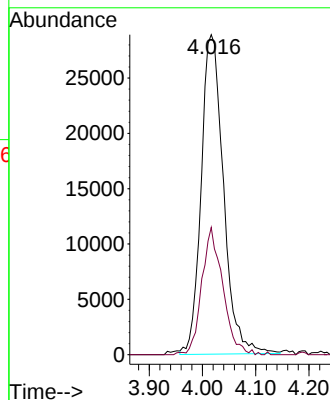
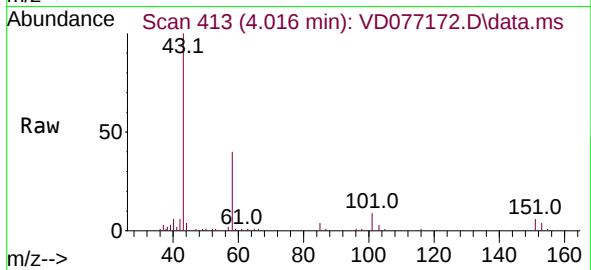




#13
Acetone
Concen: 60.921 ug/L
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

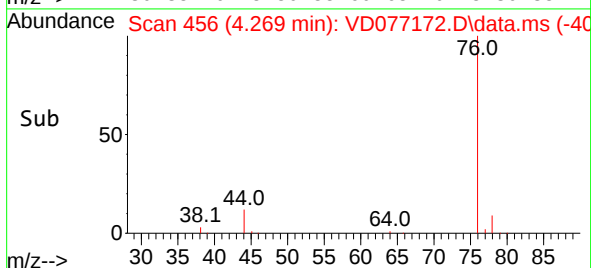
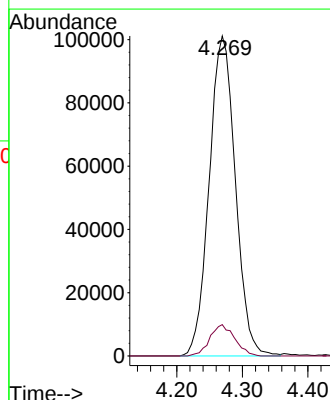
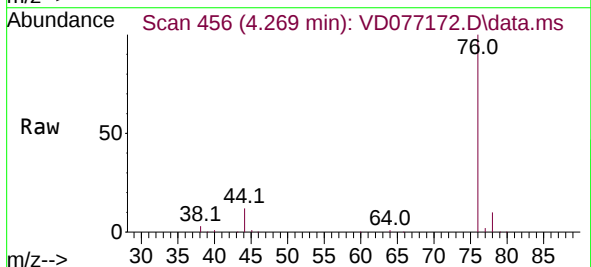
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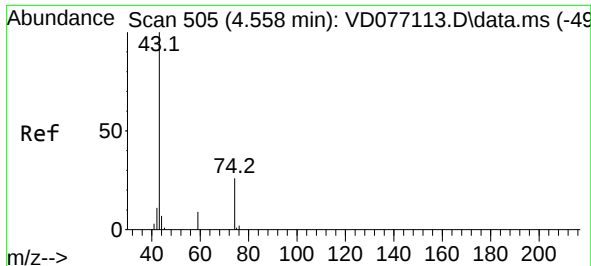
Tgt Ion: 43 Resp: 84048
Ion Ratio Lower Upper
43 100
58 37.0 0.0 71.8



#14
Carbon disulfide
Concen: 20.829 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 76 Resp: 280521
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

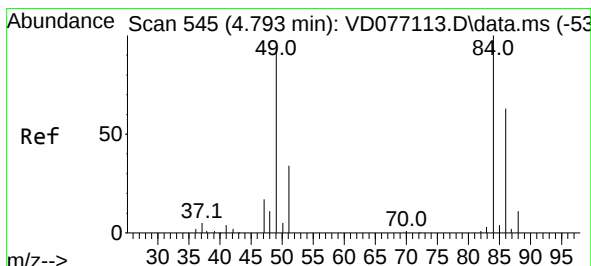
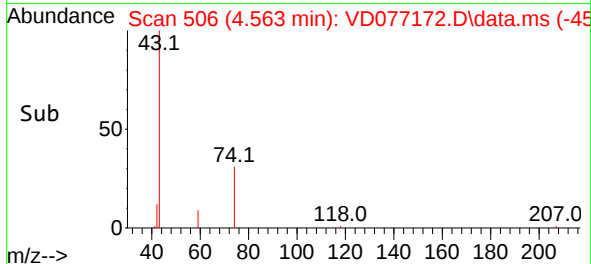
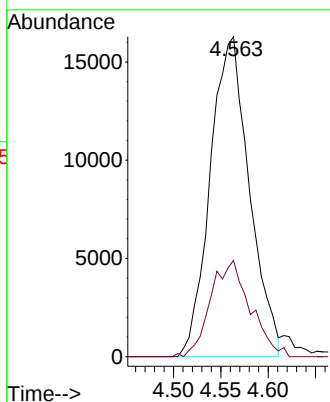
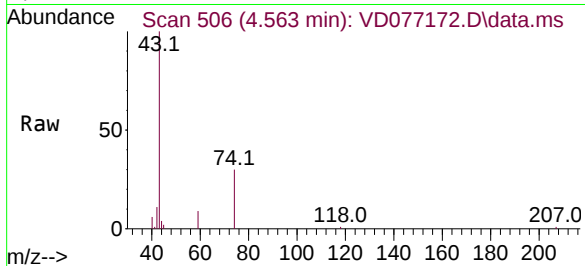




#15
Methyl Acetate
Concen: 25.392 ug/L
RT: 4.563 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

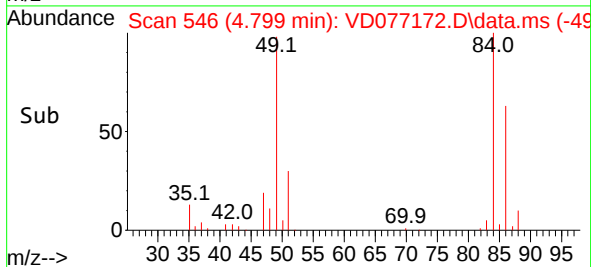
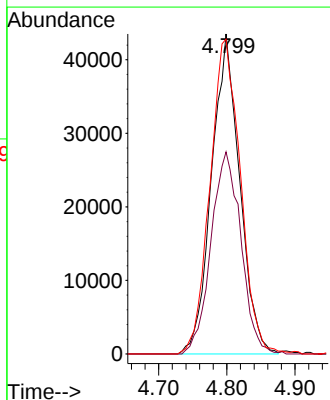
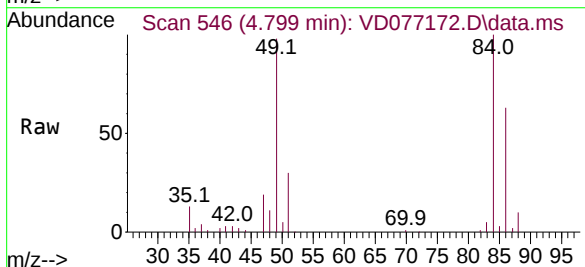
Instrument :
MSVOA_D
ClientSampleId :

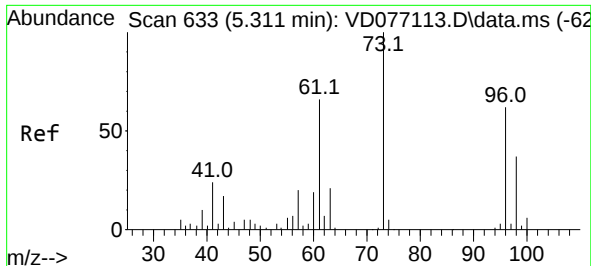
Tgt Ion: 43 Resp: 46856
Ion Ratio Lower Upper
43 100
74 16.8 0.2 0.2#



#16
Methylene chloride
Concen: 19.787 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 84 Resp: 124768
Ion Ratio Lower Upper
84 100
86 63.2 45.3 84.1
49 98.4 69.2 128.6

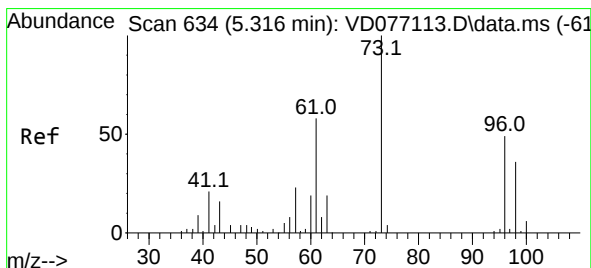
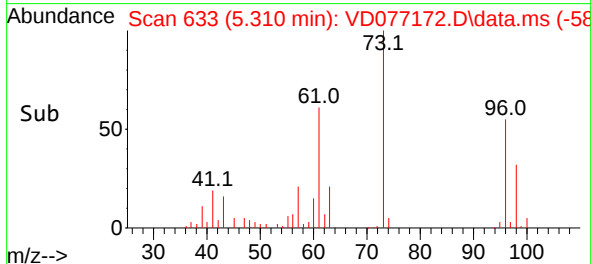
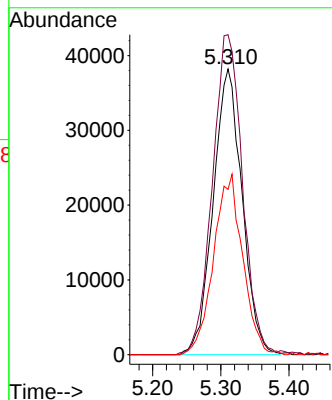
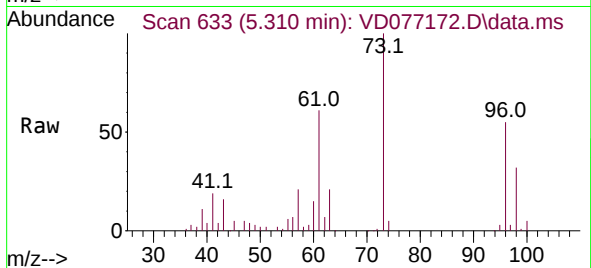




#17
trans-1,2-Dichloroethene
Concen: 24.899 ug/L
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

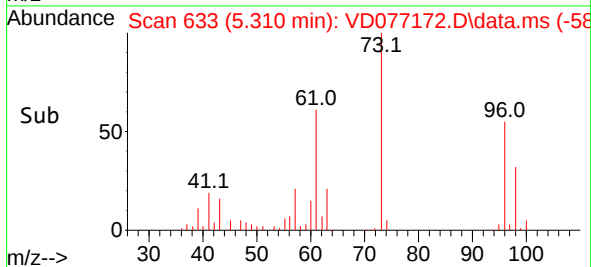
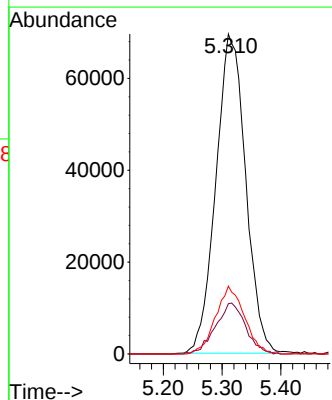
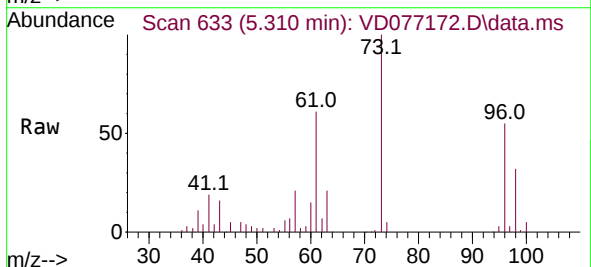
Instrument :
MSVOA_D
ClientSampleId :

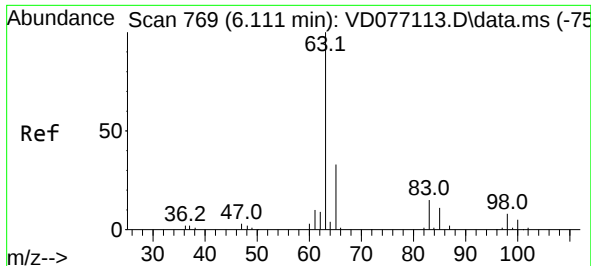
Tgt Ion: 96 Resp: 112787
Ion Ratio Lower Upper
96 100
61 112.0 85.1 158.1
98 57.9 43.7 81.1



#18
Methyl tert-butyl Ether
Concen: 24.954 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 73 Resp: 244113
Ion Ratio Lower Upper
73 100
43 15.8 12.5 18.7
57 20.4 16.8 25.2





#19

1,1-Dichloroethane

Concen: 26.120 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

ClientSampleId :

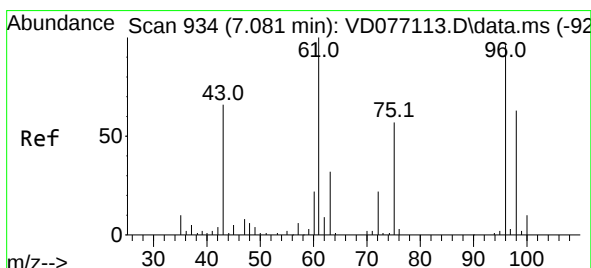
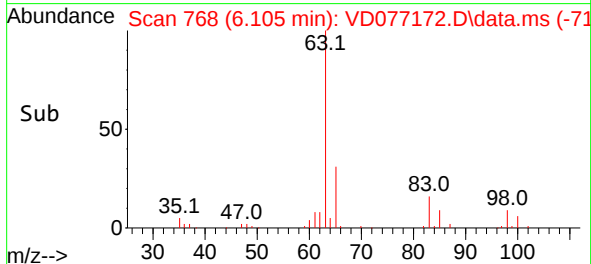
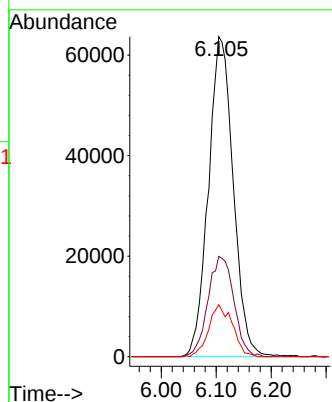
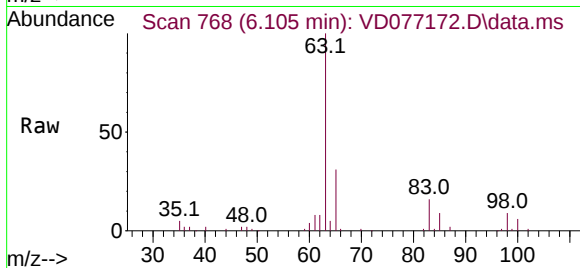
Tgt Ion: 63 Resp: 199498

Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.9

83 16.3 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 24.699 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

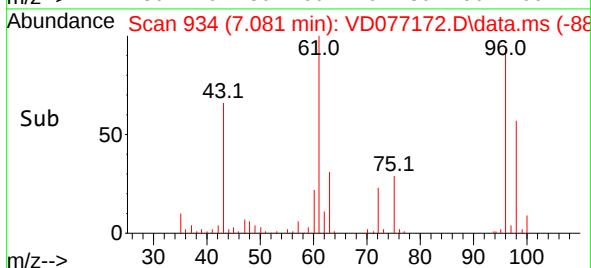
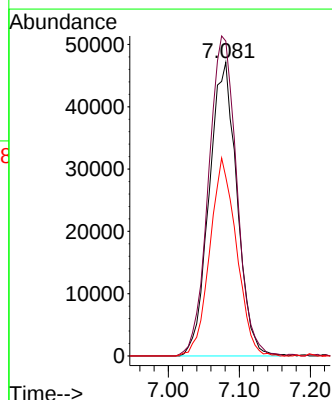
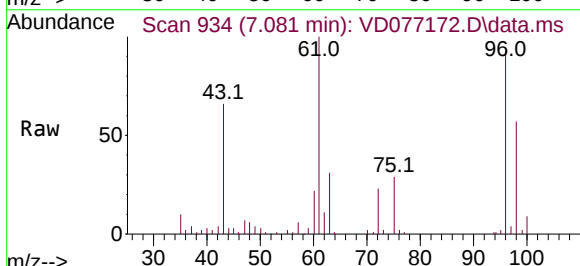
Tgt Ion: 96 Resp: 128090

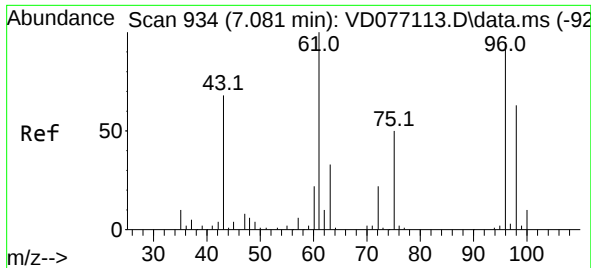
Ion Ratio Lower Upper

96 100

61 107.3 75.5 140.1

98 61.0 45.8 85.0

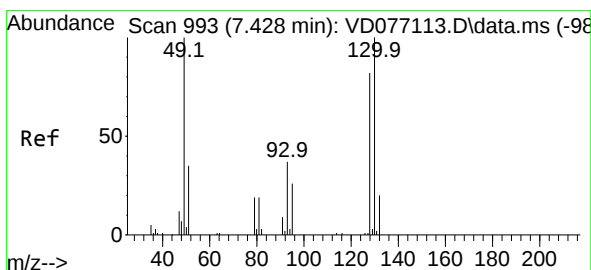
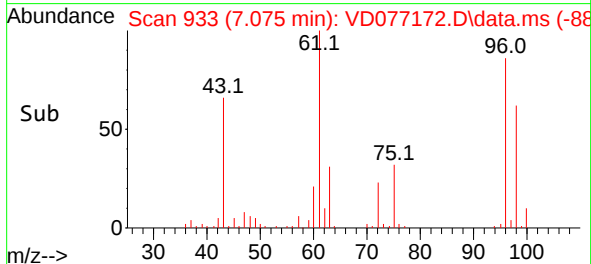
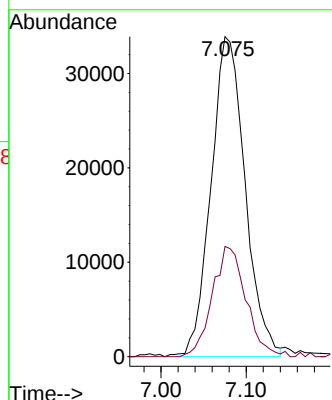
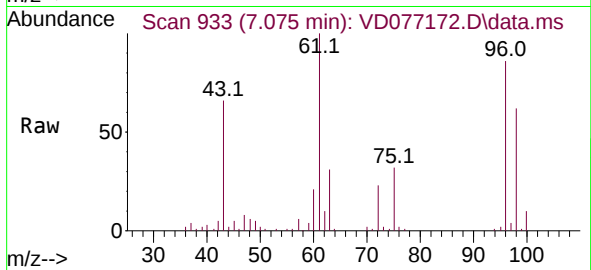




#22
2-Butanone
Concen: 56.527 ug/L
RT: 7.075 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

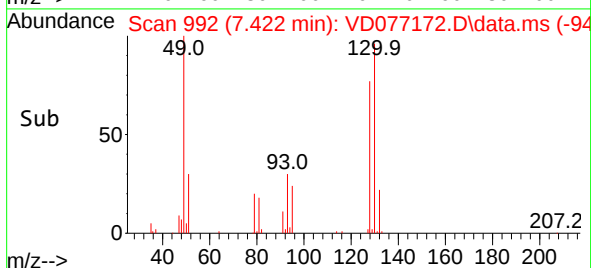
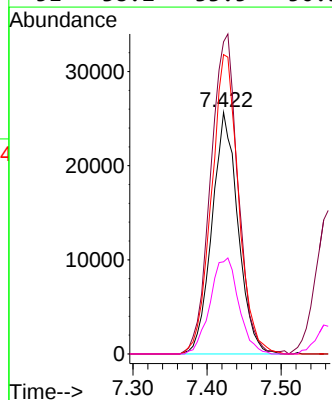
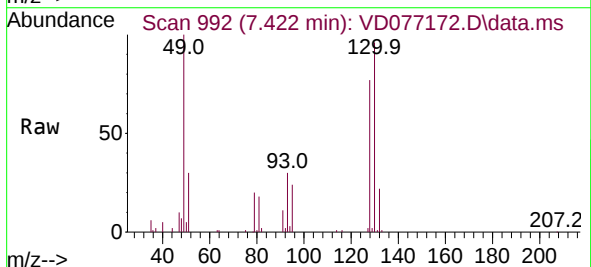
Instrument :
MSVOA_D
ClientSampleId :

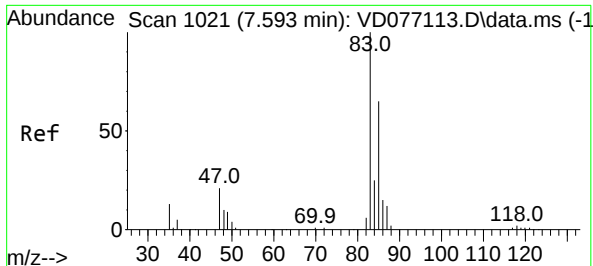
Tgt Ion: 43 Resp: 94083
Ion Ratio Lower Upper
43 100
72 33.8 16.0 48.0



#23
Bromochloromethane
Concen: 25.252 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:128 Resp: 62496
Ion Ratio Lower Upper
128 100
49 129.1 86.5 160.6
130 123.9 91.2 169.4
51 38.2 33.5 50.3





#25

Chloroform

Concen: 26.271 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

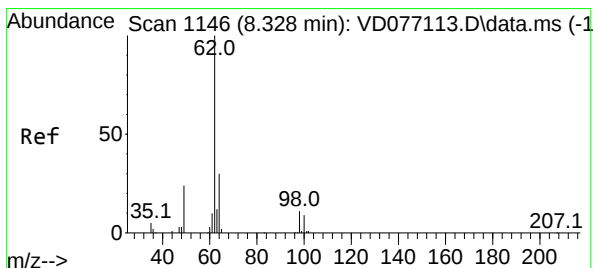
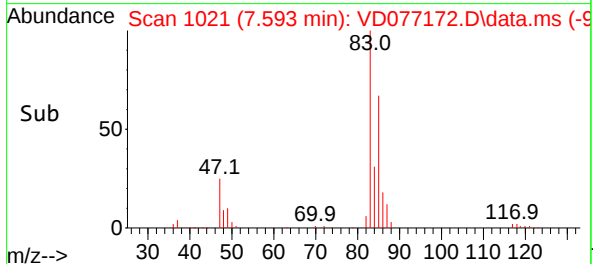
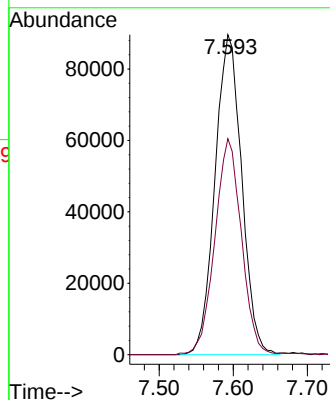
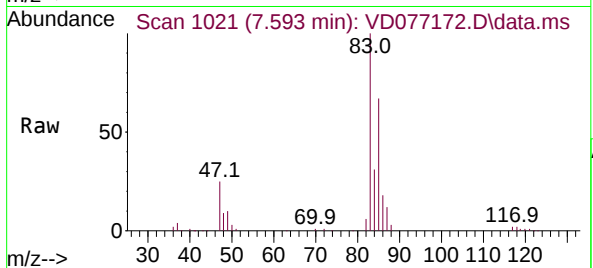
ClientSampleId :

Tgt Ion: 83 Resp: 224043

Ion Ratio Lower Upper

83 100

85 67.5 46.2 85.8



#27

1,2-Dichloroethane

Concen: 25.886 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD077172.D

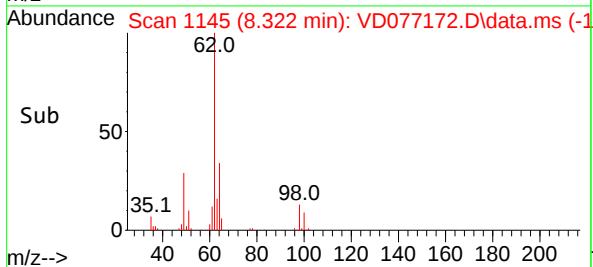
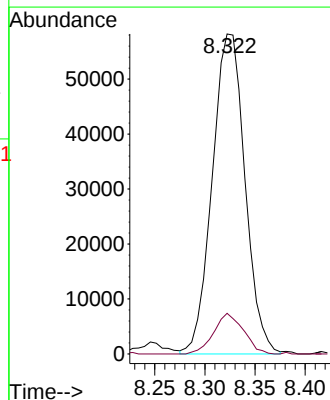
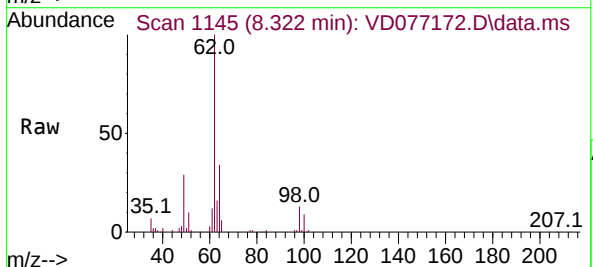
Acq: 21 Sep 2023 09:39

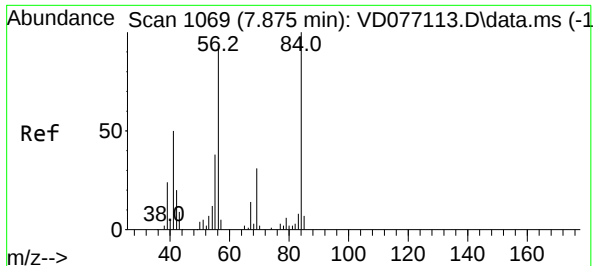
Tgt Ion: 62 Resp: 132220

Ion Ratio Lower Upper

62 100

98 12.7 9.0 13.4





#29

Cyclohexane

Concen: 23.454 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

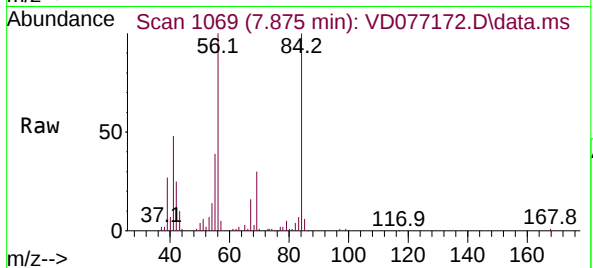
Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

ClientSampleId :



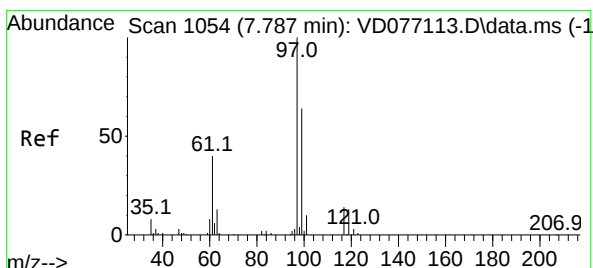
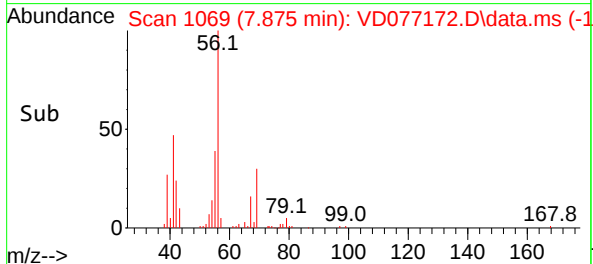
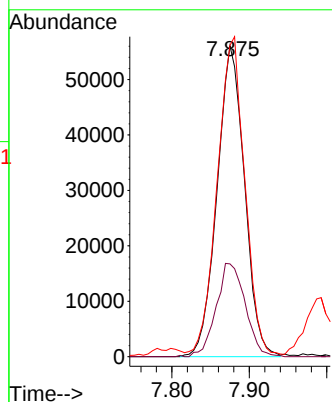
Tgt Ion: 56 Resp: 138186

Ion Ratio Lower Upper

56 100

69 31.7 25.5 38.3

84 103.9 82.6 124.0



#30

1,1,1-Trichloroethane

Concen: 26.403 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

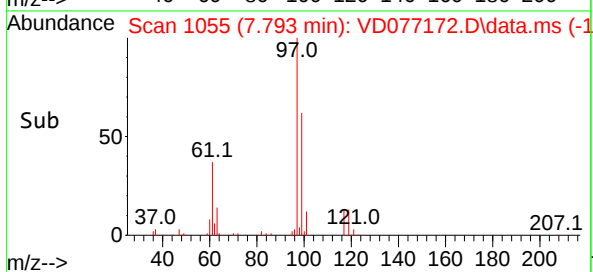
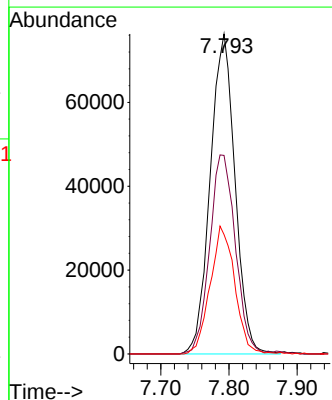
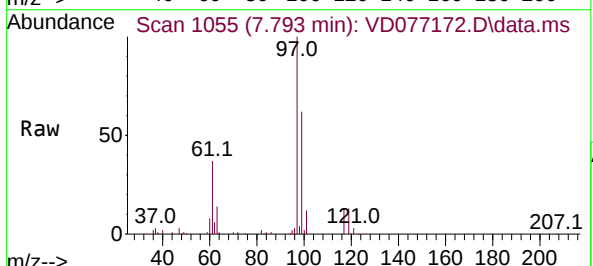
Tgt Ion: 97 Resp: 193374

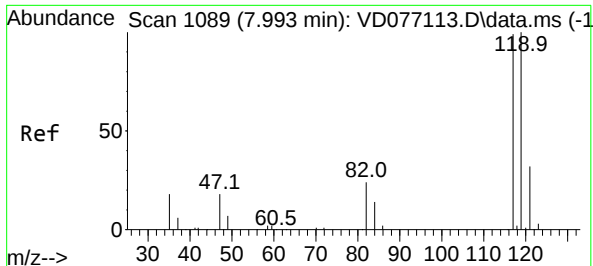
Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

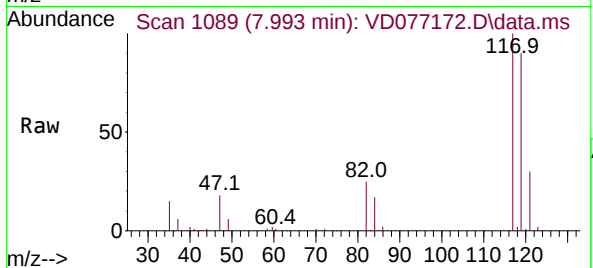
61 39.4 32.6 48.8



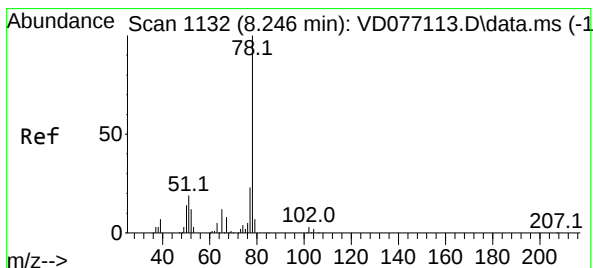
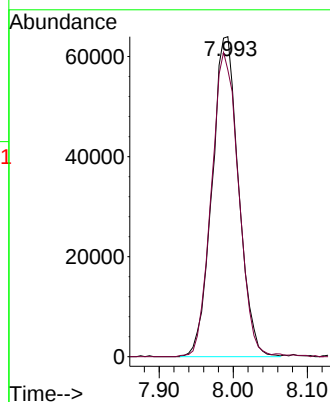
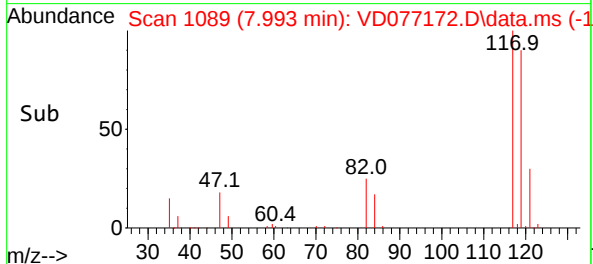


#31
Carbon tetrachloride
Concen: 25.686 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Instrument :
MSVOA_D
ClientSampleId :

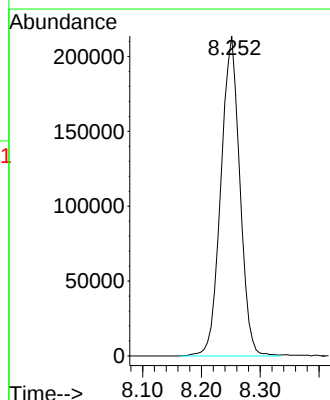
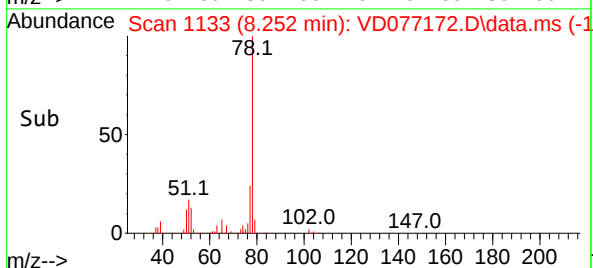
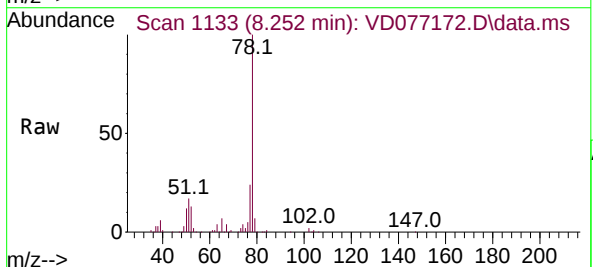


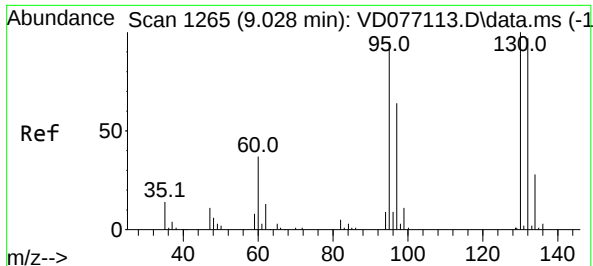
Tgt Ion:117 Resp: 159139
Ion Ratio Lower Upper
117 100
119 97.1 76.2 114.4



#33
Benzene
Concen: 25.403 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

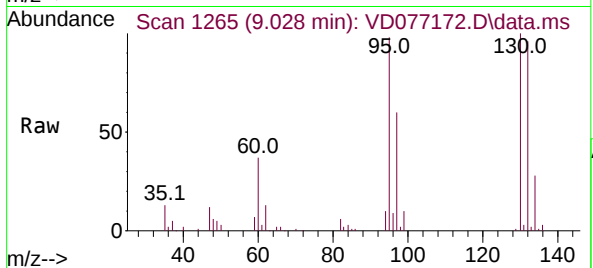
Tgt Ion: 78 Resp: 478110





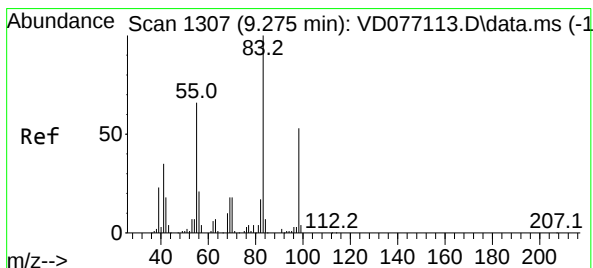
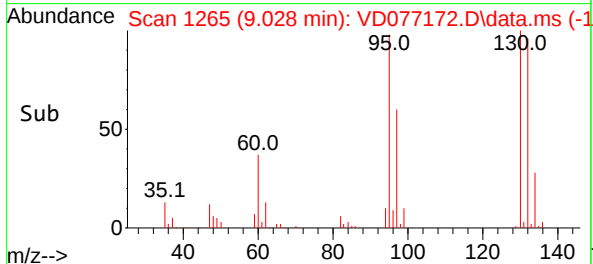
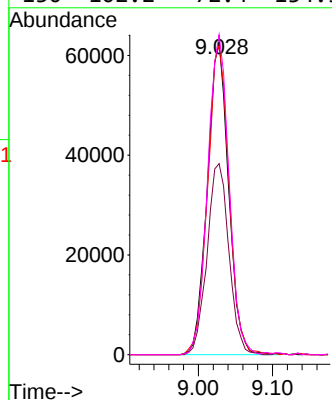
#34
Trichloroethene
Concen: 24.959 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Instrument :
MSVOA_D
ClientSampleId :

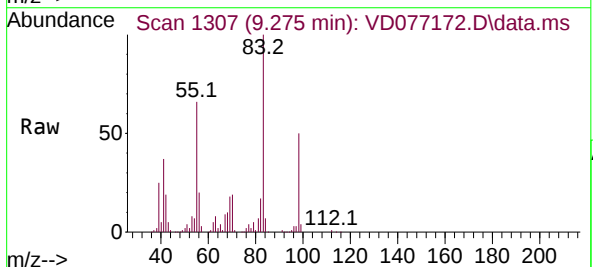


Tgt Ion: 95 Resp: 124561

Ion	Ratio	Lower	Upper
95	100		
97	61.0	46.4	86.2
132	98.6	70.1	130.1
130	102.2	72.4	134.5

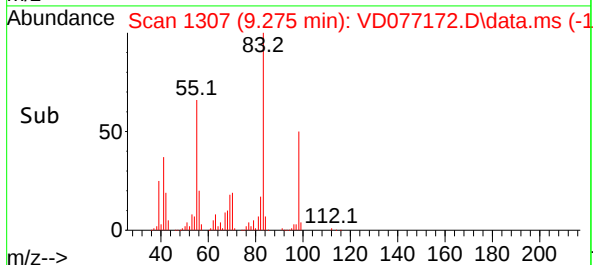
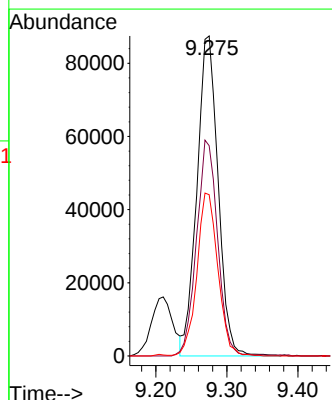


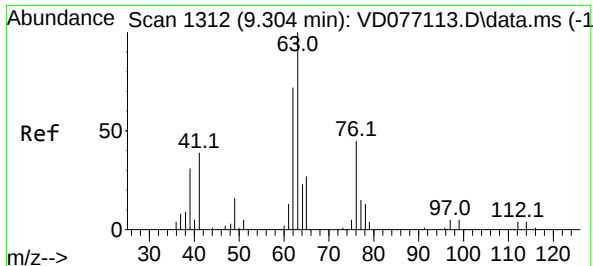
#35
Methylcyclohexane
Concen: 23.611 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39



Tgt Ion: 83 Resp: 181716

Ion	Ratio	Lower	Upper
83	100		
55	66.9	51.5	77.3
98	49.8	40.7	61.1





#37

1,2-Dichloropropane

Concen: 26.197 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

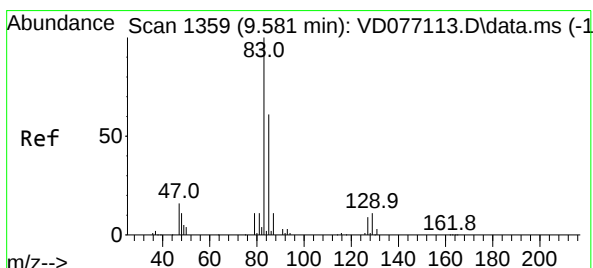
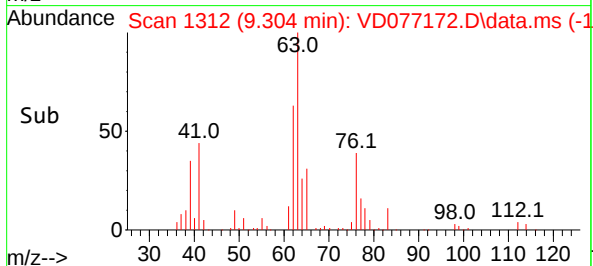
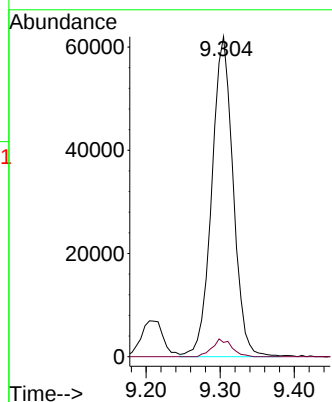
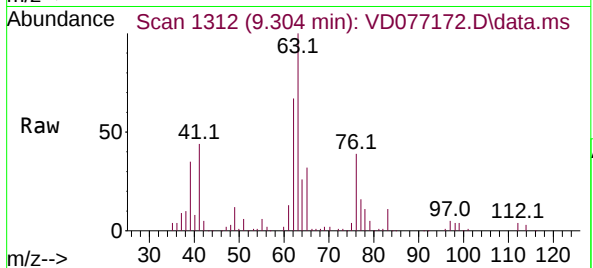
ClientSampleId :

Tgt Ion: 63 Resp: 124357

Ion Ratio Lower Upper

63 100

112 5.0 4.0 6.0



#38

Bromodichloromethane

Concen: 25.187 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

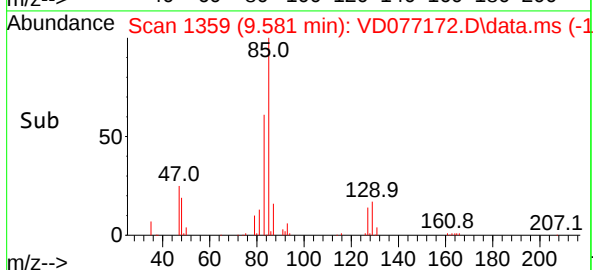
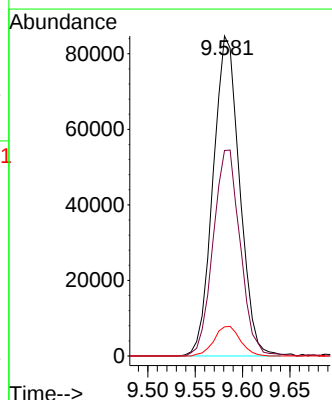
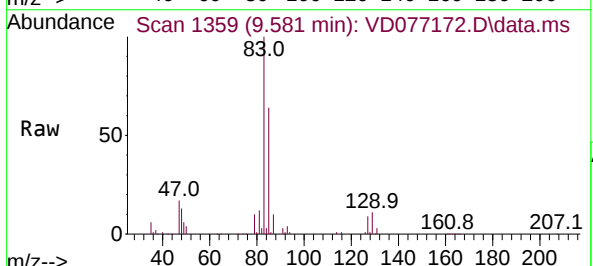
Tgt Ion: 83 Resp: 164956

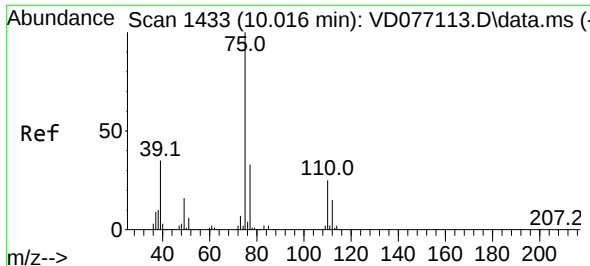
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.6

127 9.1 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 25.145 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

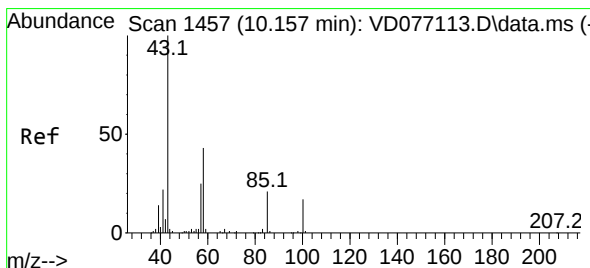
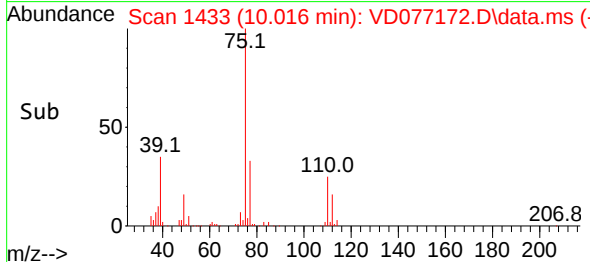
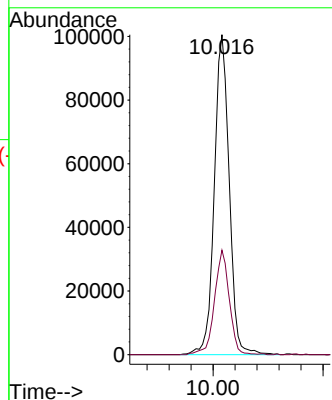
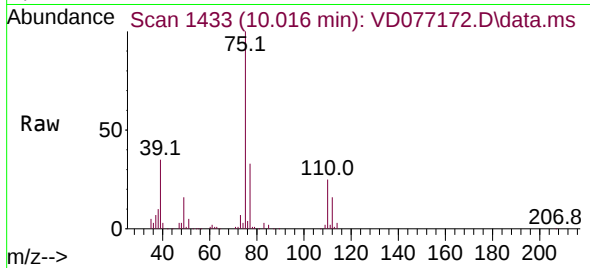
ClientSampleId :

Tgt Ion: 75 Resp: 189780

Ion Ratio Lower Upper

75 100

77 32.7 23.2 43.2



#40

4-Methyl-2-pentanone

Concen: 55.617 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

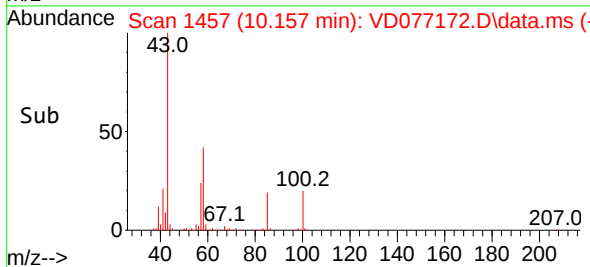
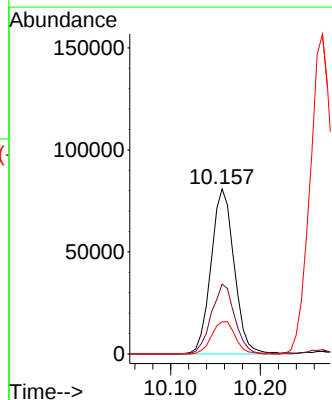
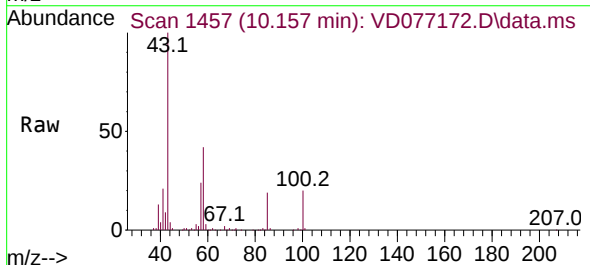
Tgt Ion: 43 Resp: 145108

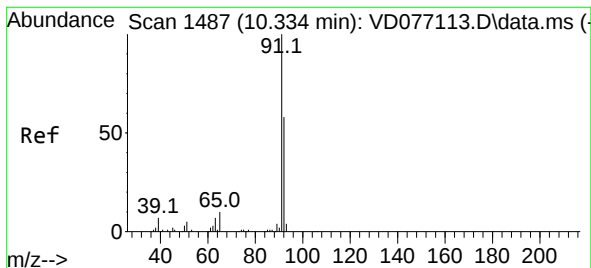
Ion Ratio Lower Upper

43 100

58 42.6 34.6 51.8

100 20.0 16.2 24.4





#42

Toluene

Concen: 25.766 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

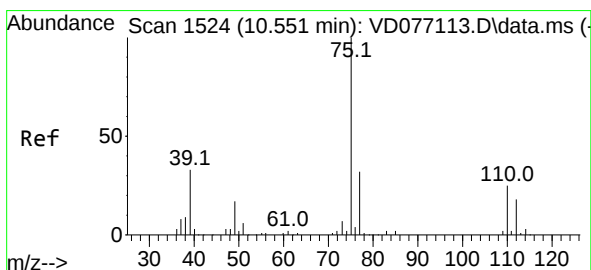
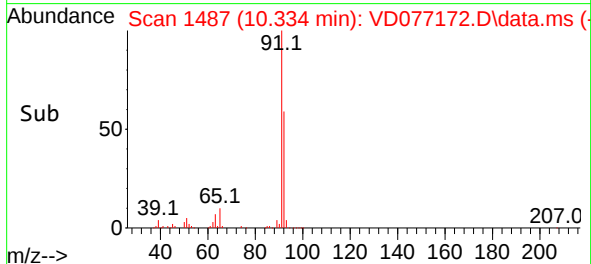
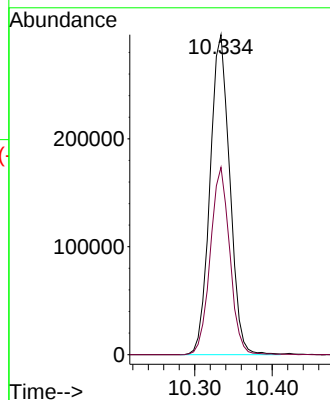
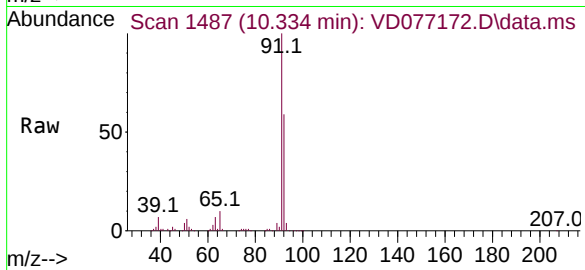
ClientSampleId :

Tgt Ion: 91 Resp: 525260

Ion Ratio Lower Upper

91 100

92 58.5 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 26.465 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD077172.D

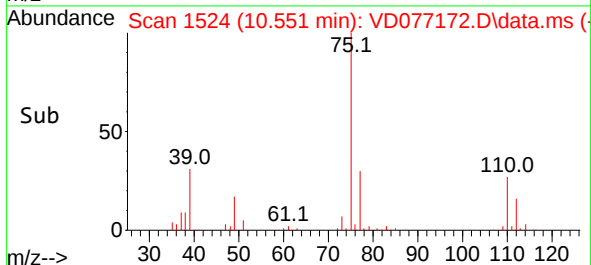
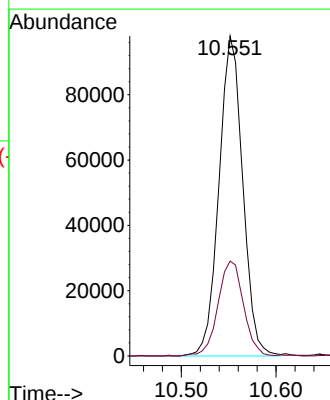
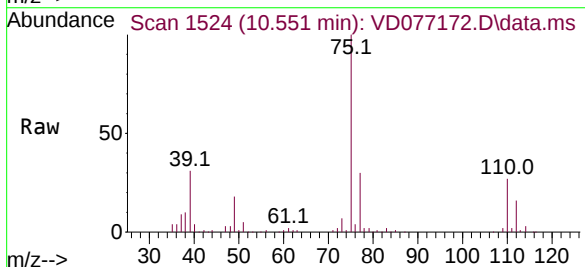
Acq: 21 Sep 2023 09:39

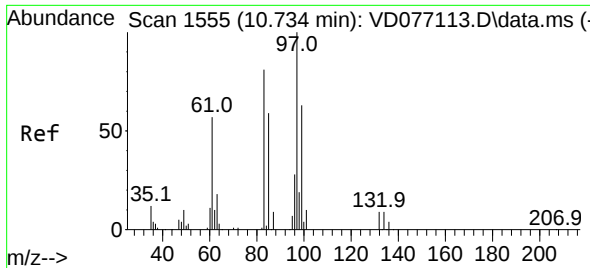
Tgt Ion: 75 Resp: 170770

Ion Ratio Lower Upper

75 100

77 29.7 22.5 41.9

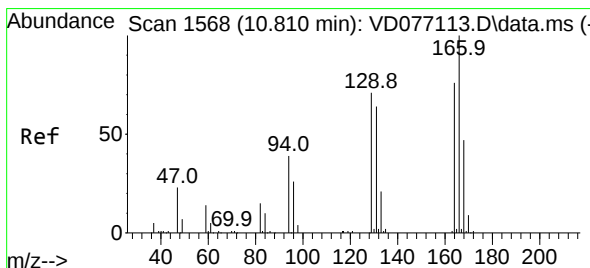
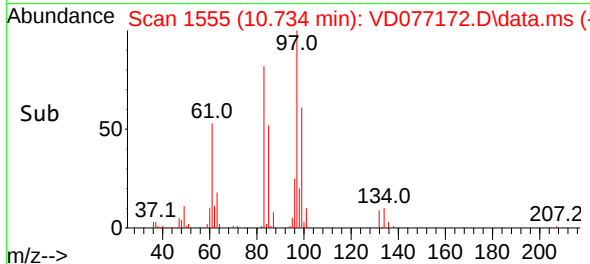
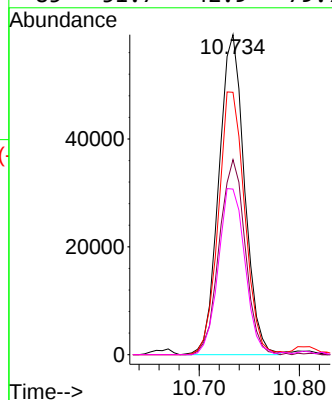
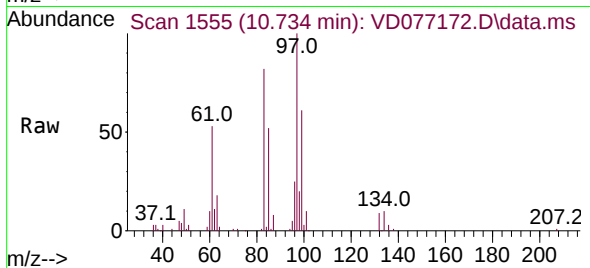




#45
1,1,2-Trichloroethane
Concen: 26.219 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

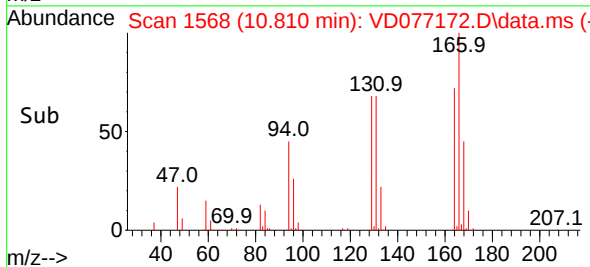
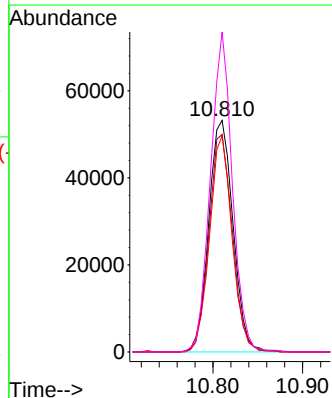
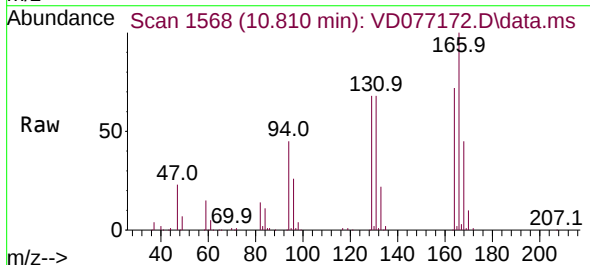
Instrument :
MSVOA_D
ClientSampleId :

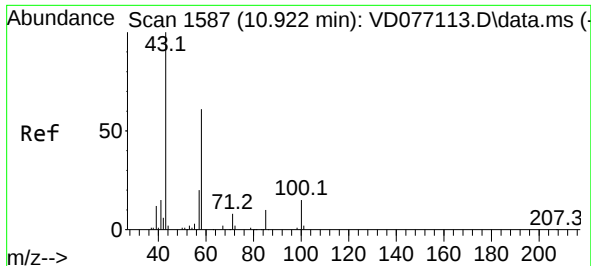
Tgt Ion: 97	Resp: 105326
Ion Ratio	Lower Upper
97 100	
99 61.0	46.1 85.5
83 82.0	64.3 119.3
85 51.7	42.9 79.7



#46
Tetrachloroethene
Concen: 24.499 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

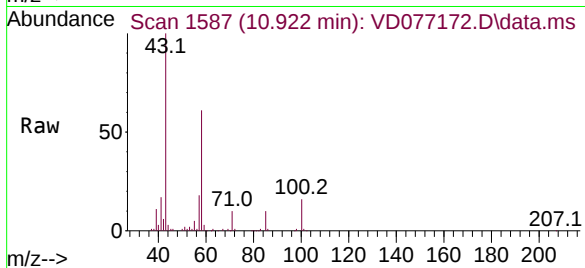
Tgt	Ion:164	Resp:	99948
Ion	Ratio	Lower	Upper
164	100		
129	93.9	66.4	123.4
131	93.4	62.6	116.3
166	138.2	89.6	166.4



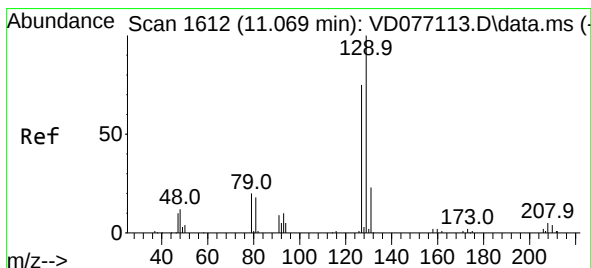
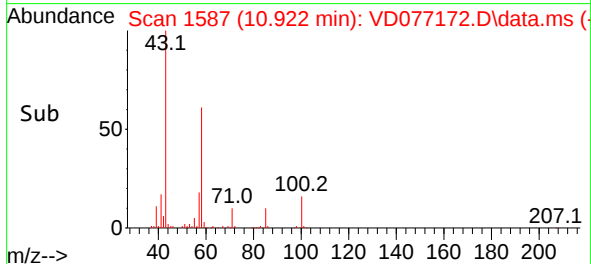
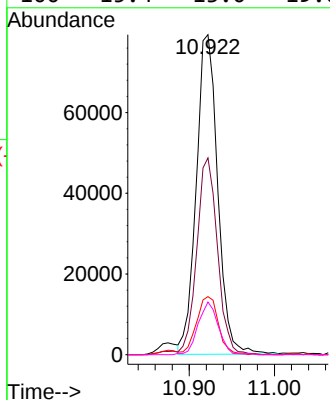


#48
2-Hexanone
Concen: 69.051 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Instrument :
MSVOA_D
ClientSampleId :

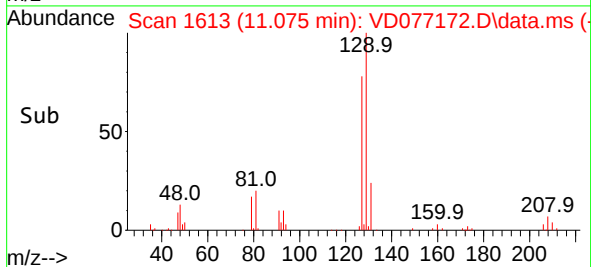
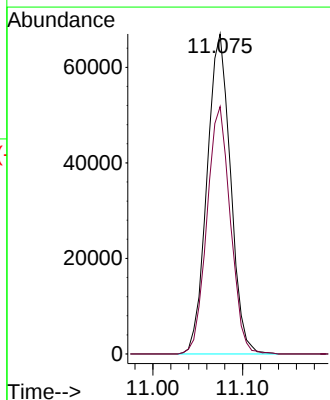
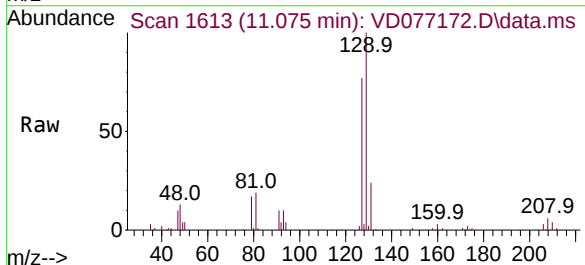


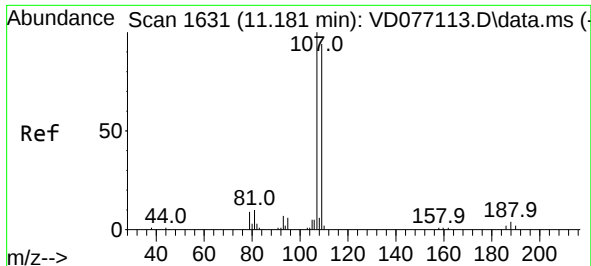
Tgt Ion: 43 Resp: 138931
Ion Ratio Lower Upper
43 100
58 59.1 50.6 75.8
57 18.5 16.6 24.8
100 15.4 13.0 19.6



#49
Dibromochloromethane
Concen: 25.984 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 129 Resp: 121911
Ion Ratio Lower Upper
129 100
127 77.3 56.6 105.2

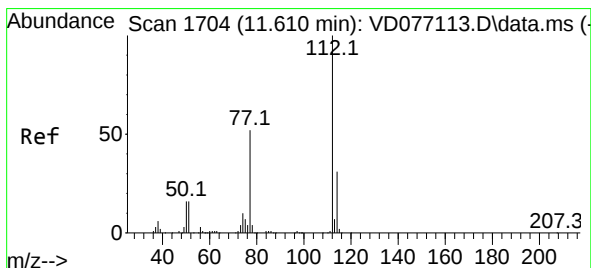
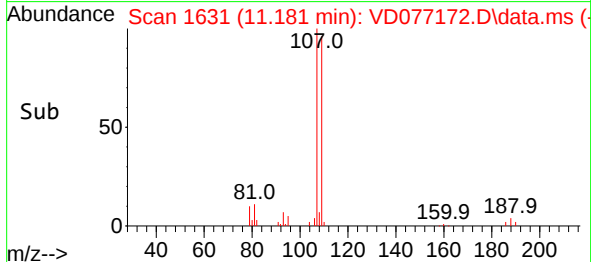
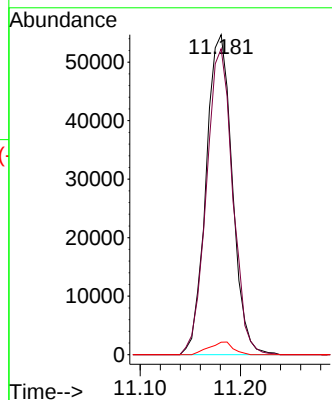
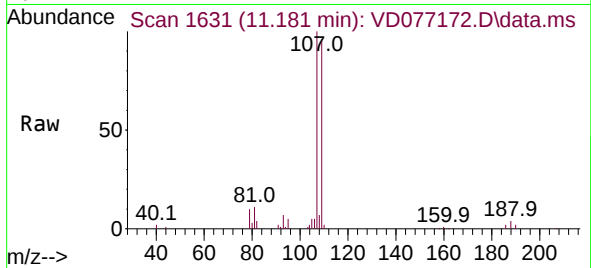




#50
1,2-Dibromoethane
Concen: 25.077 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

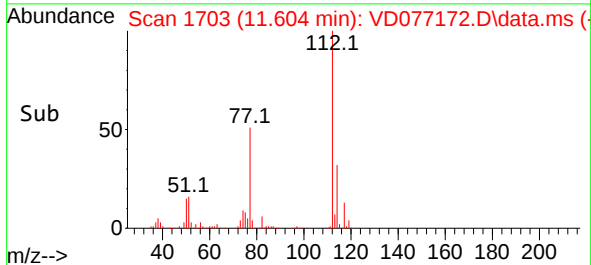
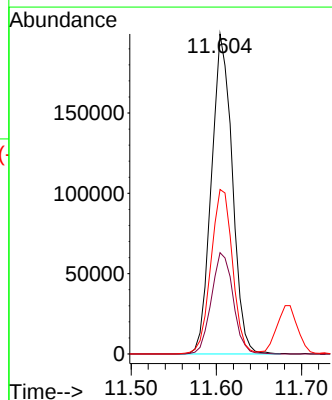
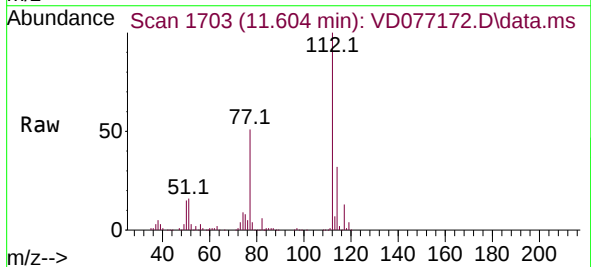
Instrument :
MSVOA_D
ClientSampleId :

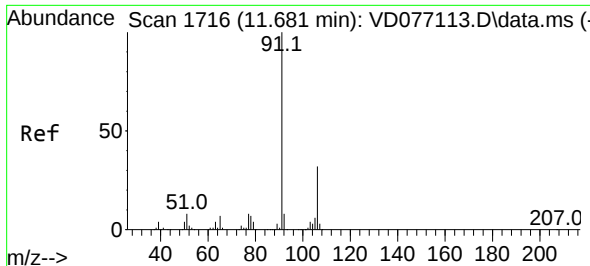
Tgt Ion:107 Resp: 99521
Ion Ratio Lower Upper
107 100
109 95.6 62.4 116.0
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 24.845 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:112 Resp: 338665
Ion Ratio Lower Upper
112 100
114 31.7 21.0 39.0
77 51.4 41.0 61.4

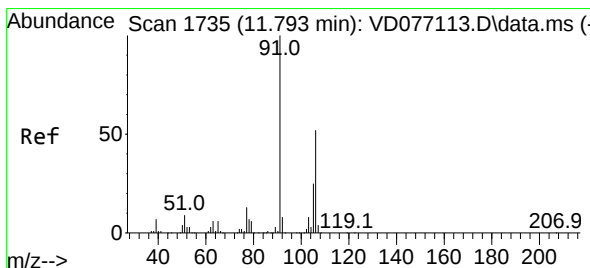
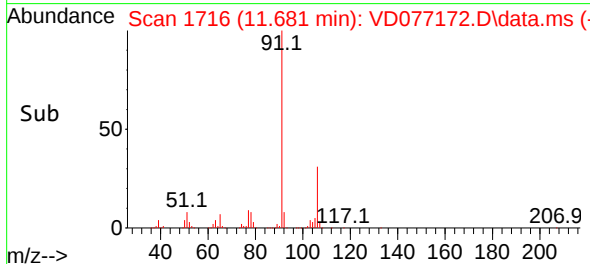
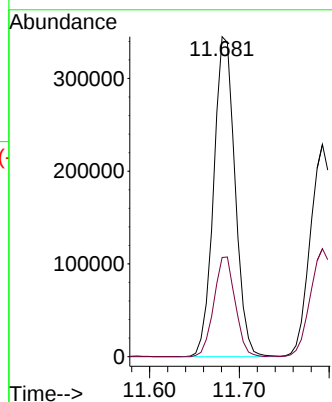
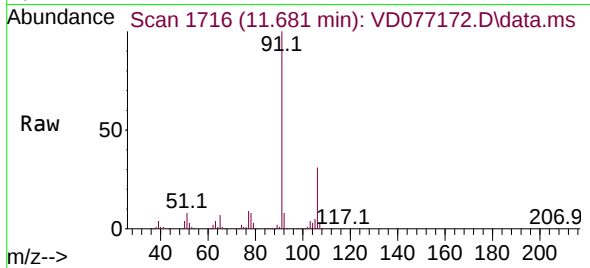




#52
Ethylbenzene
Concen: 25.897 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

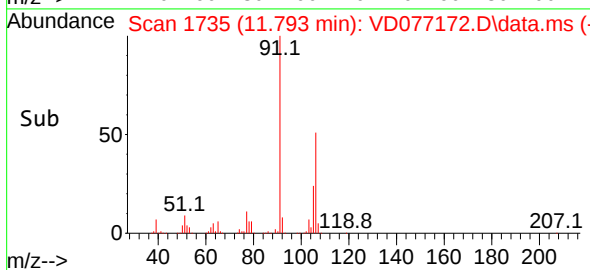
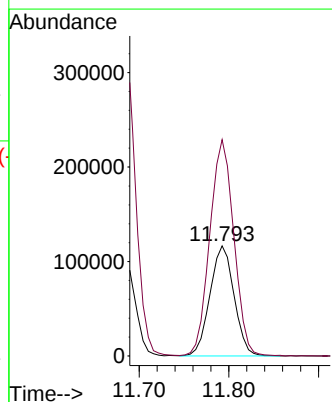
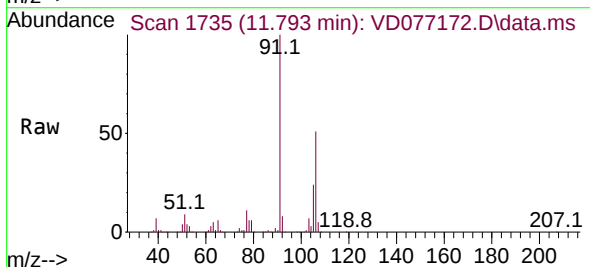
Instrument :
MSVOA_D
ClientSampleId :

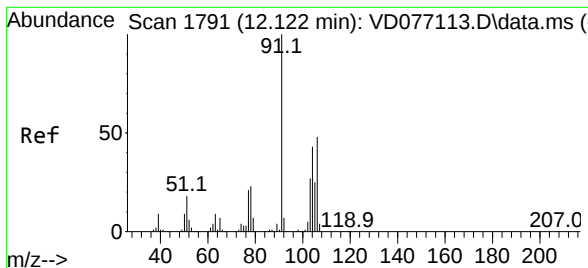
Tgt Ion: 91 Resp: 571348
Ion Ratio Lower Upper
91 100
106 31.0 22.1 41.1



#53
m,p-Xylene
Concen: 25.521 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 106 Resp: 217411
Ion Ratio Lower Upper
106 100
91 196.5 138.2 256.6

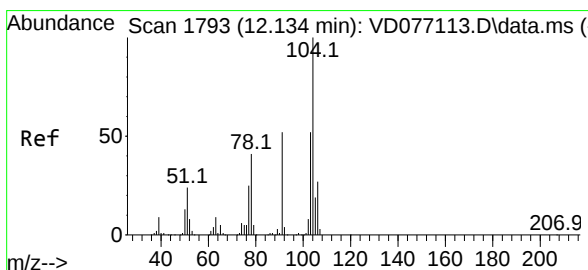
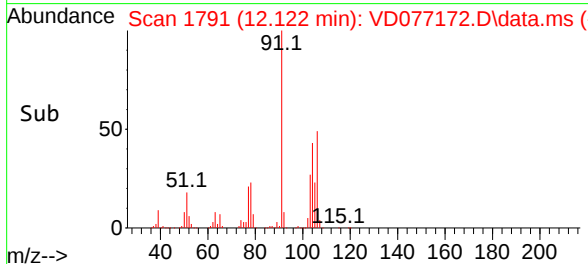
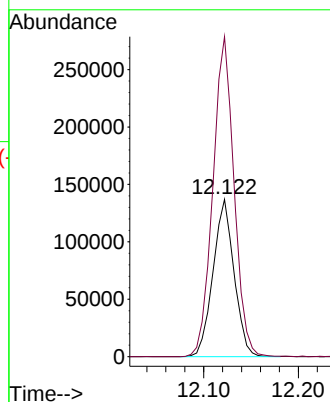
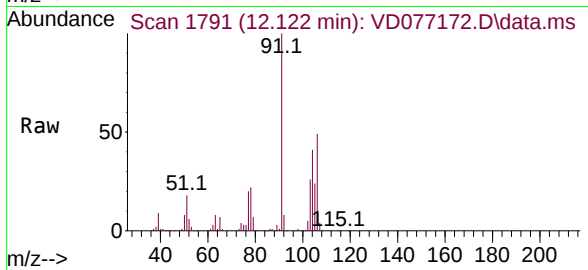




#54
o-Xylene
Concen: 25.747 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

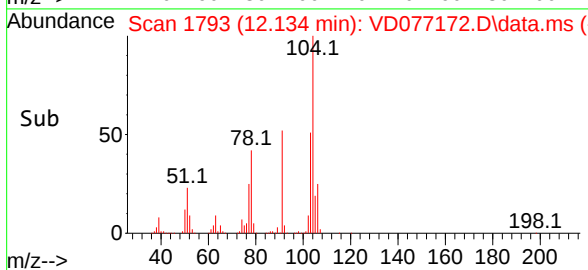
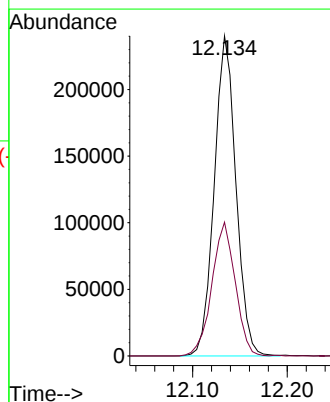
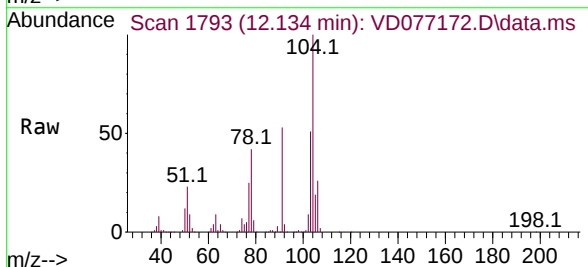
Instrument :
MSVOA_D
ClientSampleId :

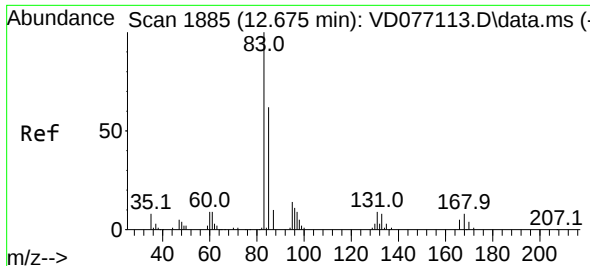
Tgt Ion:106 Resp: 211722
Ion Ratio Lower Upper
106 100
91 203.4 146.9 272.7



#55
Styrene
Concen: 26.052 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:104 Resp: 382845
Ion Ratio Lower Upper
104 100
78 41.8 27.8 51.6

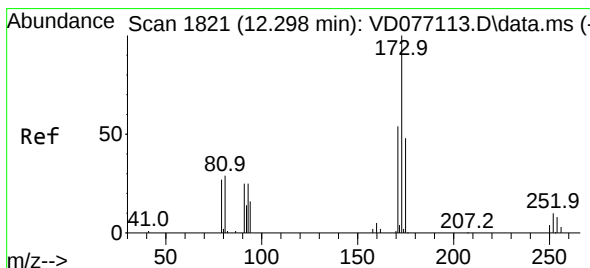
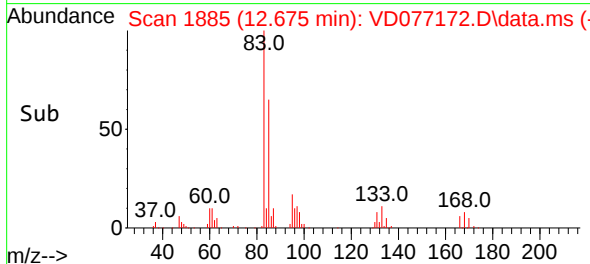
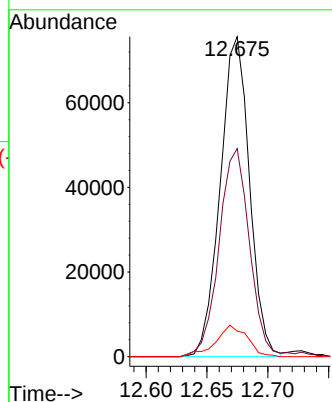
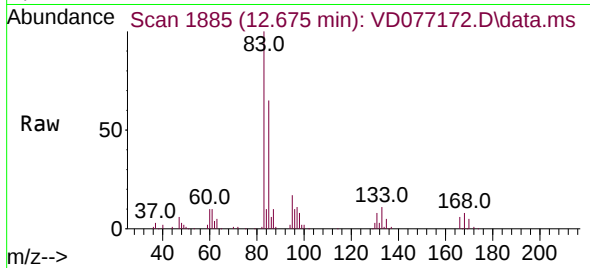




#57
1,1,2,2-Tetrachloroethane
Concen: 26.752 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

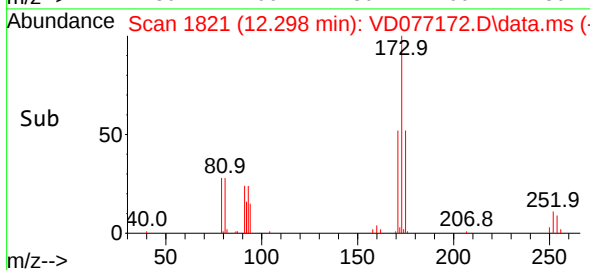
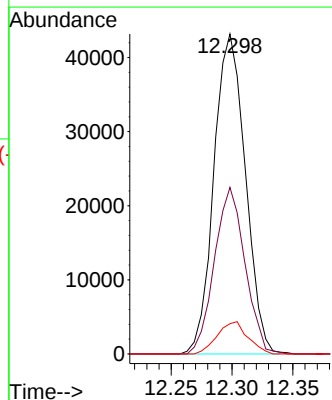
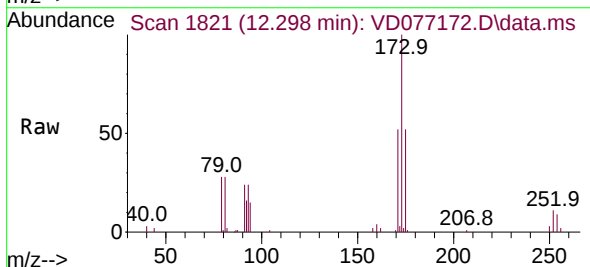
Instrument :
MSVOA_D
ClientSampleId :

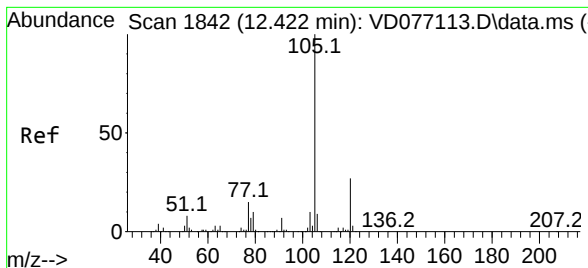
Tgt Ion: 83 Resp: 126395
Ion Ratio Lower Upper
83 100
85 65.0 43.6 81.0
131 8.0 7.8 11.8



#59
Bromoform
Concen: 25.309 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion: 173 Resp: 77517
Ion Ratio Lower Upper
173 100
175 50.5 38.7 58.1
254 9.8 7.0 10.6





#60

Isopropylbenzene

Concen: 25.393 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

ClientSampleId :

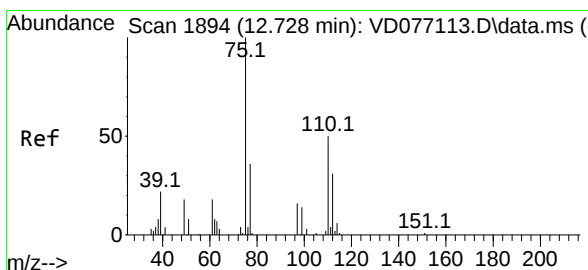
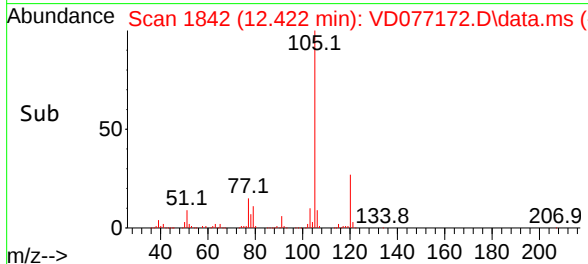
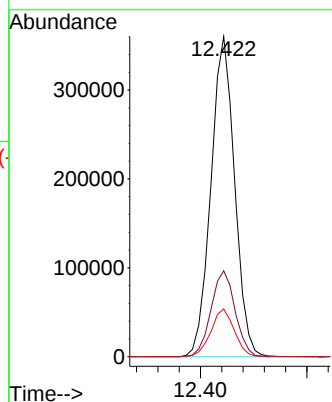
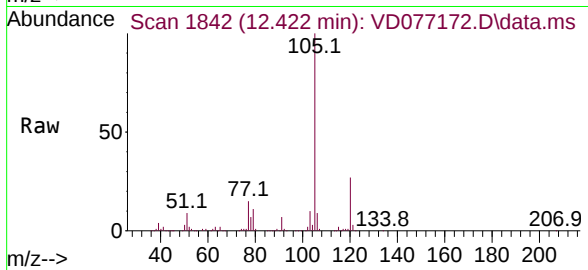
Tgt Ion:105 Resp: 555791

Ion Ratio Lower Upper

105 100

120 27.2 21.8 32.6

77 14.7 11.9 17.9



#61

1,2,3-Trichloropropane

Concen: 25.669 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

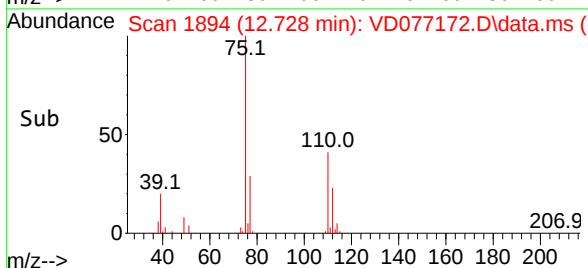
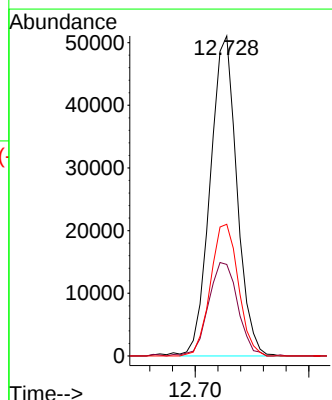
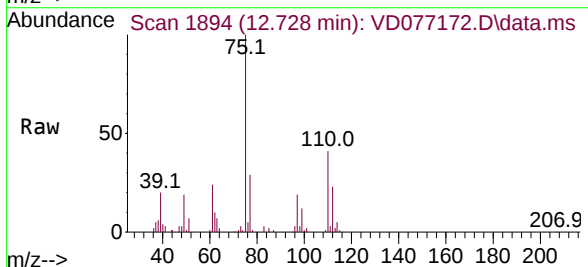
Tgt Ion: 75 Resp: 83205

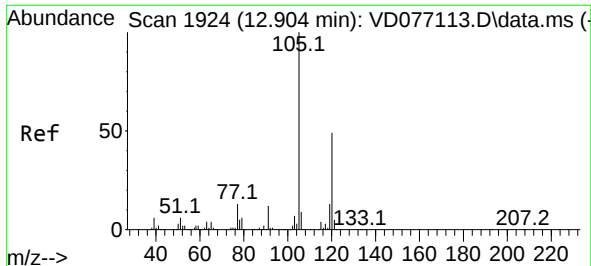
Ion Ratio Lower Upper

75 100

77 32.0 26.6 40.0

110 42.9 33.6 50.4

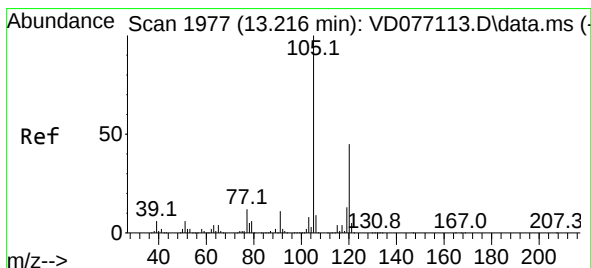
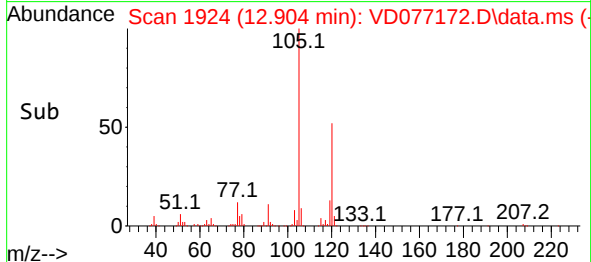
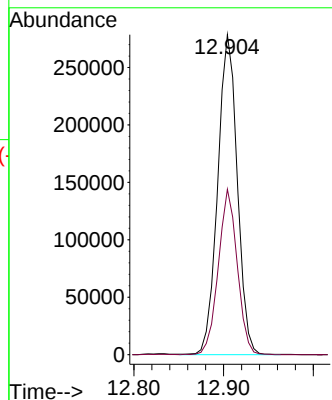
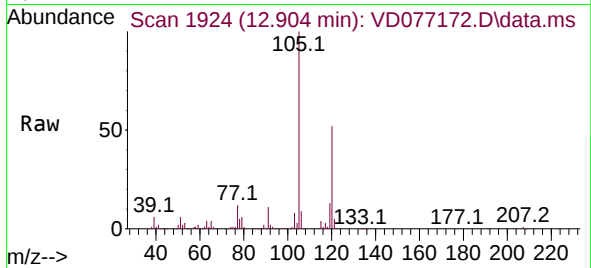




#62
1,3,5-Trimethylbenzene
Concen: 24.916 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

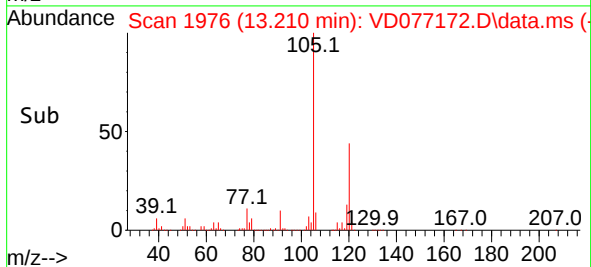
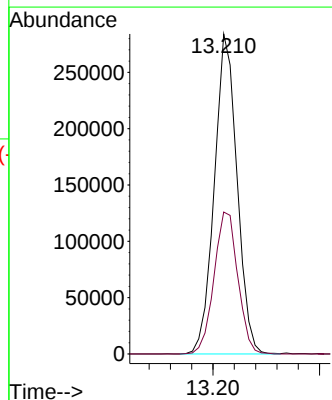
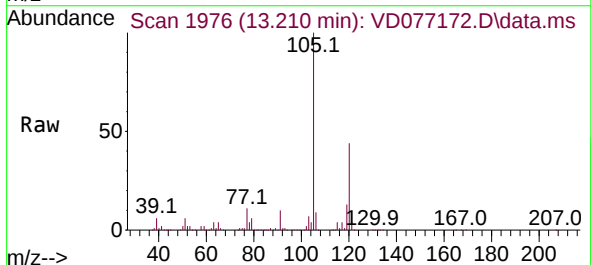
Instrument :
MSVOA_D
ClientSampleId :

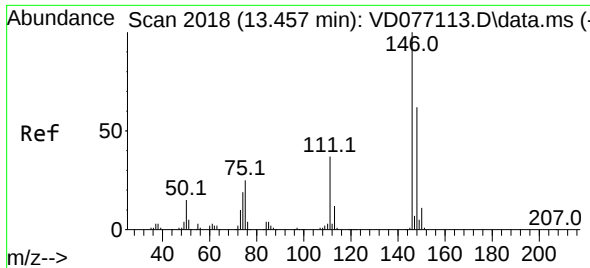
Tgt Ion:105 Resp: 421788
Ion Ratio Lower Upper
105 100
120 49.9 40.2 60.2



#63
1,2,4-Trimethylbenzene
Concen: 25.317 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:105 Resp: 419888
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

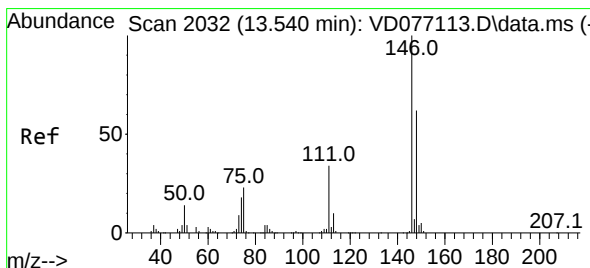
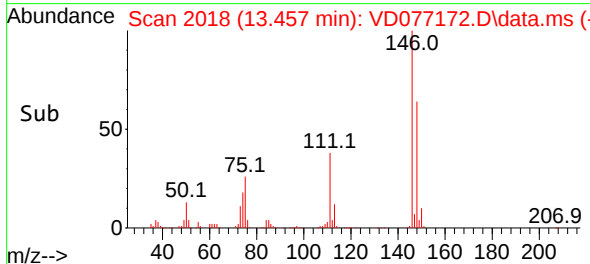
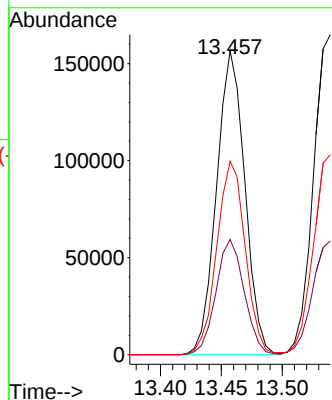
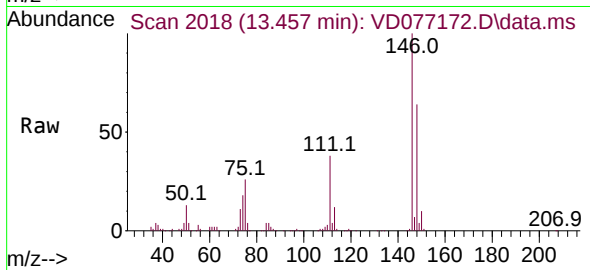




#64
1,3-Dichlorobenzene
Concen: 24.265 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

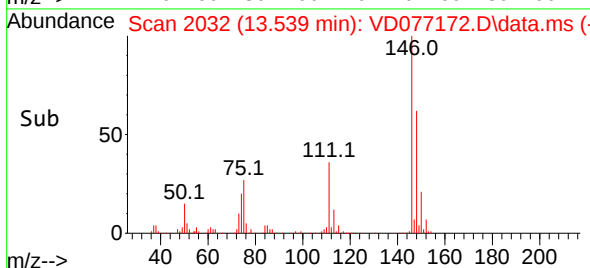
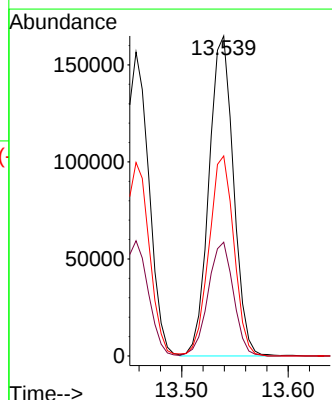
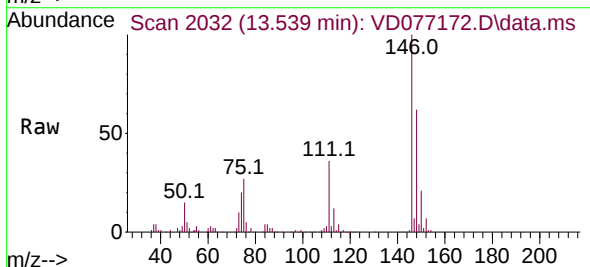
Instrument :
MSVOA_D
ClientSampleId :

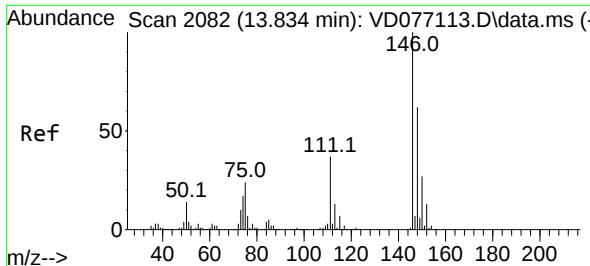
Tgt Ion:146 Resp: 253027
Ion Ratio Lower Upper
146 100
111 37.9 25.2 46.8
148 63.7 42.7 79.3



#65
1,4-Dichlorobenzene
Concen: 24.234 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:146 Resp: 263999
Ion Ratio Lower Upper
146 100
111 35.6 25.5 47.3
148 62.5 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 24.626 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

ClientSampleId :

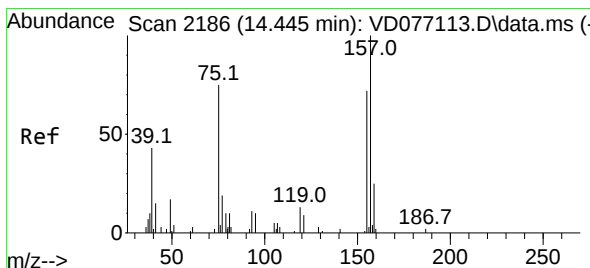
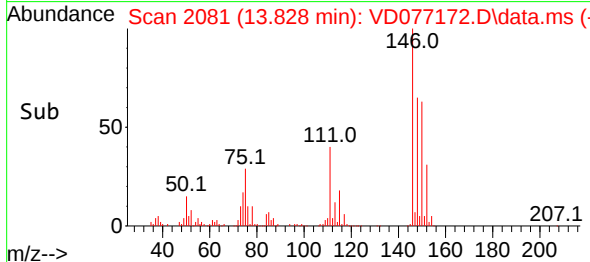
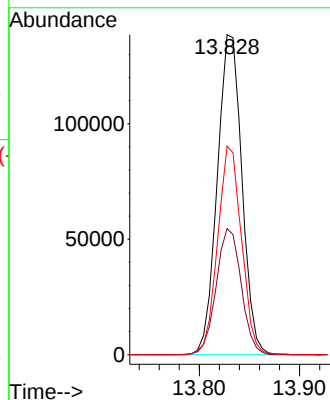
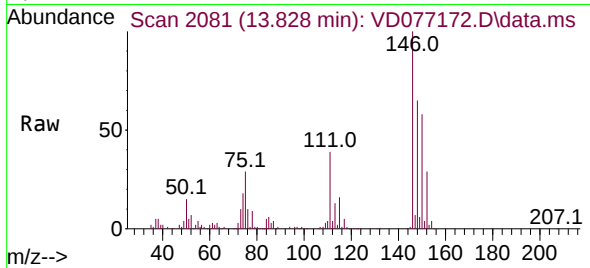
Tgt Ion:146 Resp: 236179

Ion Ratio Lower Upper

146 100

111 39.4 31.8 47.6

148 65.2 53.0 79.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.645 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

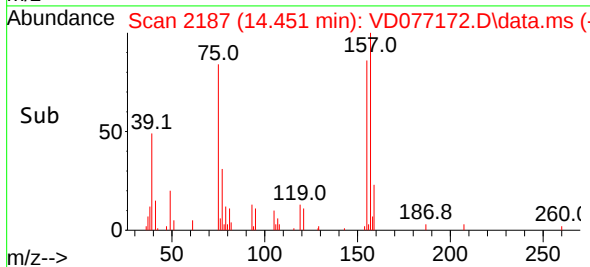
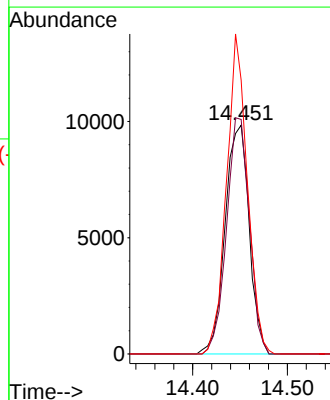
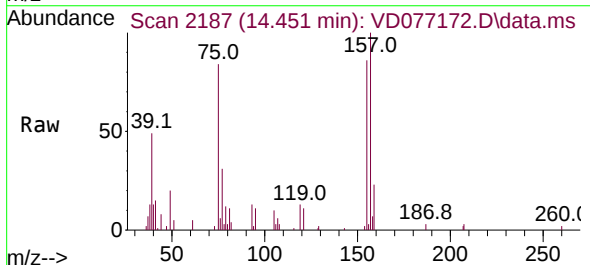
Tgt Ion: 75 Resp: 17385

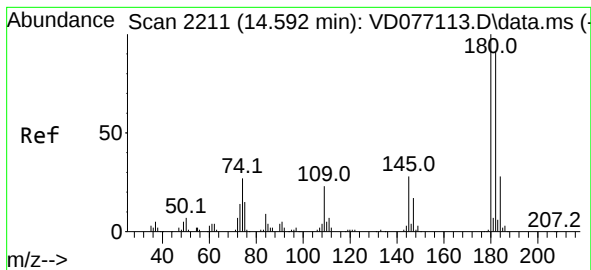
Ion Ratio Lower Upper

75 100

155 102.5 79.0 118.6

157 119.6 100.2 150.4





#69

1,3,5-Trichlorobenzene

Concen: 24.047 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

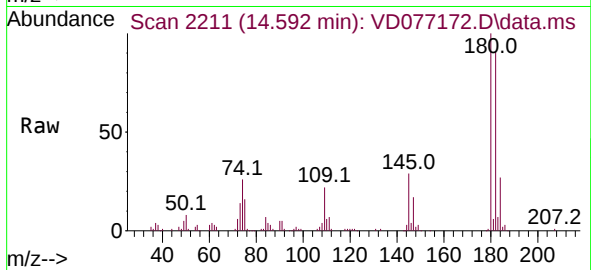
Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 165248

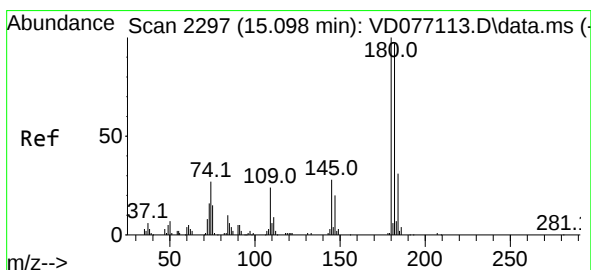
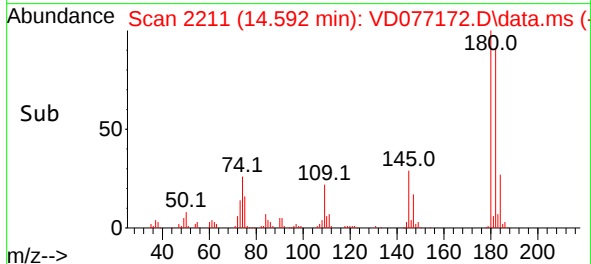
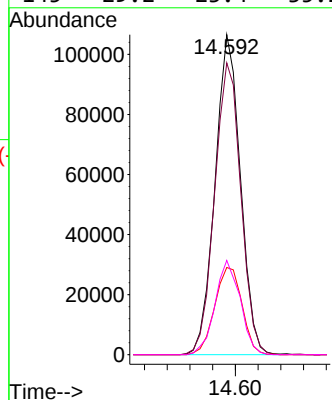
Ion Ratio Lower Upper

180 100

182 94.2 77.0 115.4

184 29.3 24.2 36.2

145 29.2 23.4 35.2



#70

1,2,4-trichlorobenzene

Concen: 23.271 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD077172.D

Acq: 21 Sep 2023 09:39

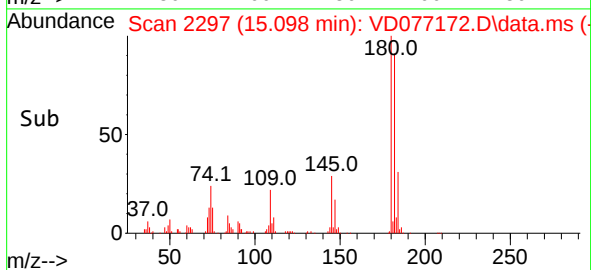
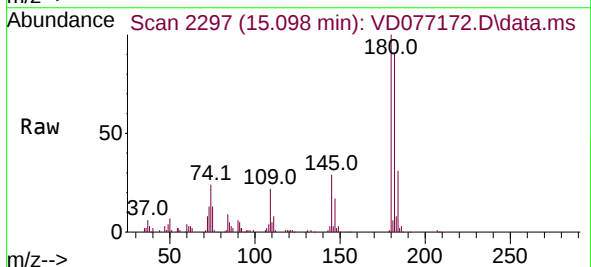
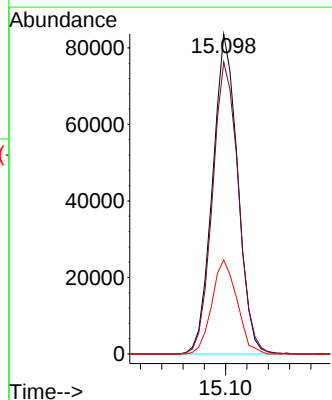
Tgt Ion:180 Resp: 136865

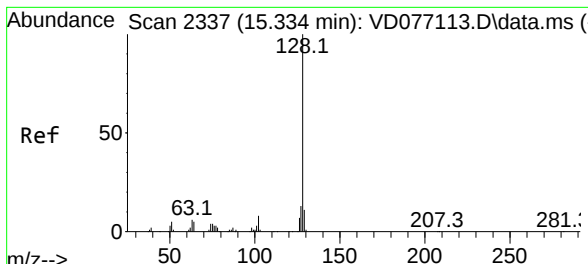
Ion Ratio Lower Upper

180 100

182 94.3 76.3 114.5

145 29.4 23.8 35.8

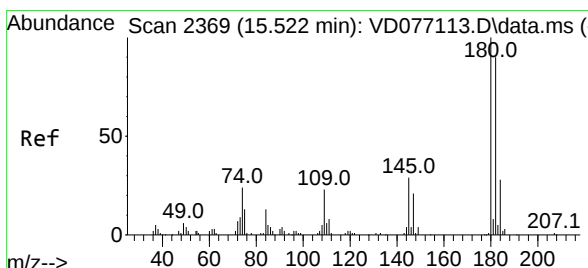
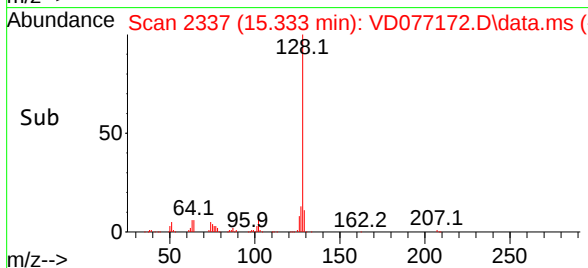
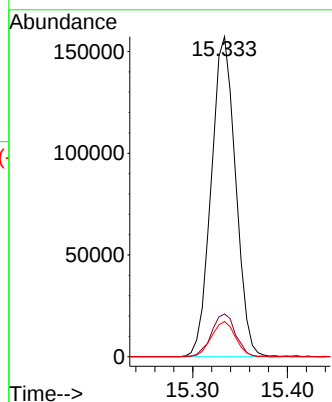
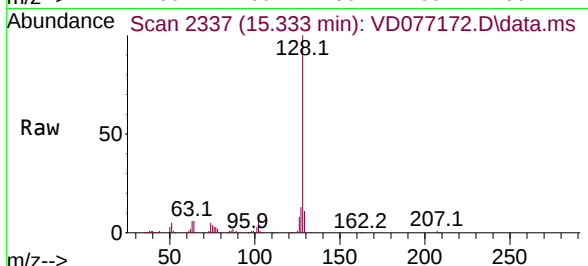




#71
Naphthalene
Concen: 23.888 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 280869
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 24.073 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077172.D
Acq: 21 Sep 2023 09:39

Tgt Ion:180 Resp: 130039
Ion Ratio Lower Upper
180 100
182 93.3 76.6 115.0
145 31.5 25.4 38.2

