

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077704.D
 Acq On : 29 Nov 2023 17:16
 Operator : JC/SY
 Sample : VSTDICV025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 30 00:19:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 00:14:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	307787	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	288826	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	148490	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	185230	22.068	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.280%		
7) Chloroethane-d5	2.805	69	151315	22.617	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.480%		
11) 1,1-Dichloroethene-d2	3.928	65	46907	21.553	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	86.200%		
21) 2-Butanone-d5	6.993	46	53160	50.112	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.220%		
24) Chloroform-d	7.575	84	202178	24.372	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.480%		
26) 1,2-Dichloroethane-d4	8.234	65	104129	24.775	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	99.080%		
32) Benzene-d6	8.204	84	421930	24.256	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	97.040%		
36) 1,2-Dichloropropane-d6	9.216	67	129156	24.335	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.320%		
41) Toluene-d8	10.275	98	390038	24.360	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	97.440%		
43) trans-1,3-Dichloroprop...	10.528	79	57100	24.329	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	97.320%		
47) 2-Hexanone-d5	10.881	63	46822	51.195	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	102.400%		
56) 1,1,2,2-Tetrachloroeth...	12.657	84	99465	25.934	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	103.720%		
66) 1,2-Dichlorobenzene-d4	13.822	152	124807	23.495	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.960%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	120316	24.487	ug/L	99
3) Chloromethane	2.152	50	184840	26.185	ug/L	100
5) Vinyl chloride	2.287	62	214925	24.444	ug/L	99
6) Bromomethane	2.699	94	111017	23.834	ug/L	98
8) Chloroethane	2.840	64	138617	25.256	ug/L	96
9) Trichlorofluoromethane	3.181	101	181435	24.194	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	110195	24.909	ug/L	99
12) 1,1-Dichloroethene	3.946	96	103347	24.684	ug/L #	83
13) Acetone	4.028	43	73277	53.913	ug/L	98
14) Carbon disulfide	4.275	76	378642	25.520	ug/L	100
15) Methyl Acetate	4.569	43	49143	25.258	ug/L	96
16) Methylene chloride	4.805	84	118367	21.659	ug/L	98
17) trans-1,2-Dichloroethene	5.322	96	112839	25.849	ug/L	97
18) Methyl tert-butyl Ether	5.322	73	249959	25.976	ug/L	100
19) 1,1-Dichloroethane	6.116	63	207810	25.259	ug/L	96
20) cis-1,2-Dichloroethene	7.087	96	120993	24.943	ug/L	98
22) 2-Butanone	7.087	43	79819	52.178	ug/L #	69
23) Bromochloromethane	7.428	128	51625	25.563	ug/L	97
25) Chloroform	7.599	83	204183	25.209	ug/L	97

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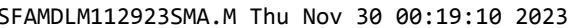
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 ClientSampleId :

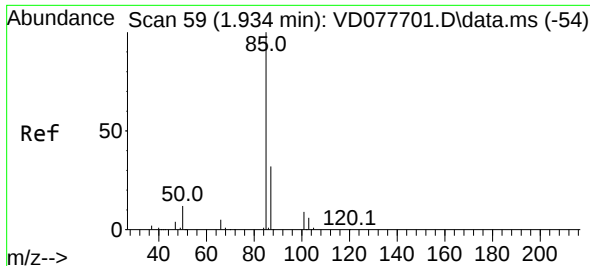
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 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 00:14:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	132789	26.210	ug/L	99
29) Cyclohexane	7.881	56	187838	24.646	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	172091	24.350	ug/L	100
31) Carbon tetrachloride	7.993	117	155251	24.979	ug/L	100
33) Benzene	8.251	78	470619	25.034	ug/L	100
34) Trichloroethene	9.028	95	117209	25.117	ug/L	98
35) Methylcyclohexane	9.275	83	205729	24.833	ug/L	100
37) 1,2-Dichloropropane	9.304	63	123923	25.283	ug/L	99
38) Bromodichloromethane	9.587	83	151585	25.432	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	193879	25.330	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	138970	51.380	ug/L	99
42) Toluene	10.334	91	507910	25.437	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	165219	25.843	ug/L	100
45) 1,1,2-Trichloroethane	10.734	97	85547	25.988	ug/L	96
46) Tetrachloroethene	10.816	164	89900	23.891	ug/L	98
48) 2-Hexanone	10.922	43	122657	53.353	ug/L	99
49) Dibromochloromethane	11.075	129	95881	24.496	ug/L	90
50) 1,2-Dibromoethane	11.181	107	82098	25.861	ug/L #	94
51) Chlorobenzene	11.610	112	311990	25.198	ug/L	97
52) Ethylbenzene	11.687	91	561295	25.358	ug/L	96
53) m,p-Xylene	11.792	106	206263	24.661	ug/L	99
54) o-Xylene	12.122	106	202738	25.328	ug/L	95
55) Styrene	12.139	104	360336	25.727	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	101180	25.940	ug/L	97
59) Bromoform	12.304	173	60524	24.634	ug/L #	98
60) Isopropylbenzene	12.422	105	542891	24.495	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	68972	25.252	ug/L	97
62) 1,3,5-Trimethylbenzene	12.910	105	410230	24.644	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	424872	25.173	ug/L	98
64) 1,3-Dichlorobenzene	13.463	146	238902	24.924	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	239573	24.087	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	214592	24.880	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	14838	23.039	ug/L	93
69) 1,3,5-Trichlorobenzene	14.598	180	158021	24.211	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	135656	24.483	ug/L	98
71) Naphthalene	15.339	128	258682	25.537	ug/L	99
72) 1,2,3-Trichlorobenzene	15.528	180	120999	24.910	ug/L	97

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

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Response via : Initial Calibration

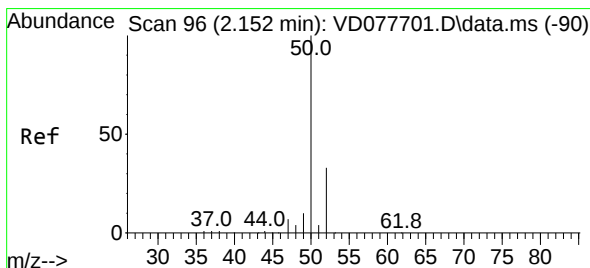
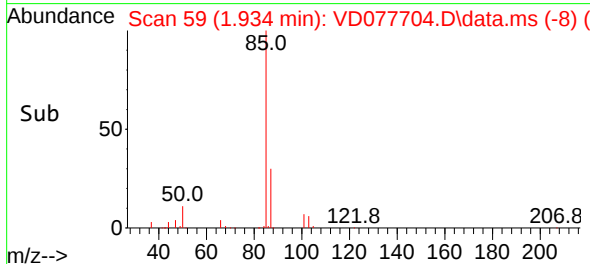
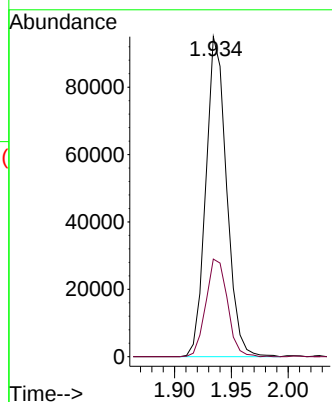
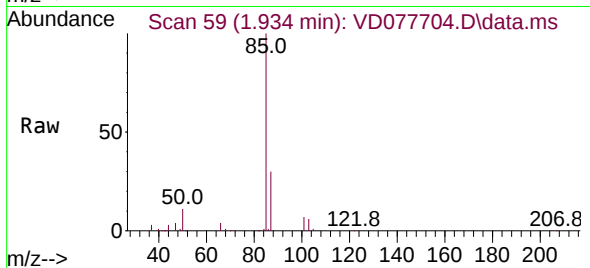




#2
Dichlorodifluoromethane
Concen: 24.487 ug/L
RT: 1.934 min Scan# 59
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

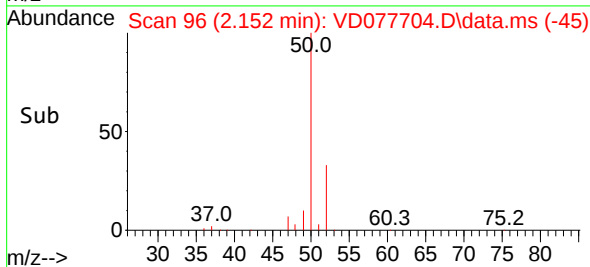
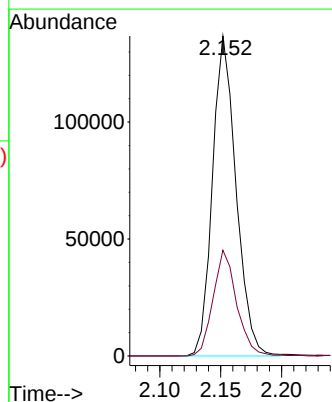
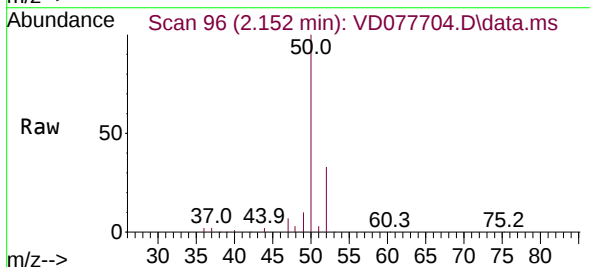
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ClientSampleId :

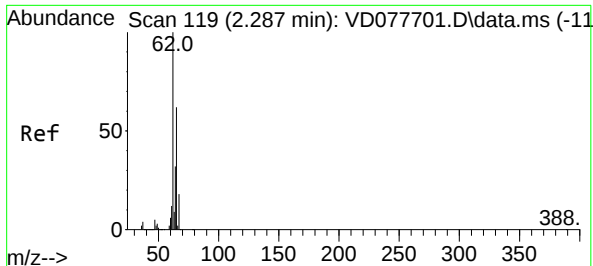
Tgt Ion: 85 Resp: 120316
Ion Ratio Lower Upper
85 100
87 31.7 25.6 38.4



#3
Chloromethane
Concen: 26.185 ug/L
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion: 50 Resp: 184840
Ion Ratio Lower Upper
50 100
52 33.1 23.2 43.2

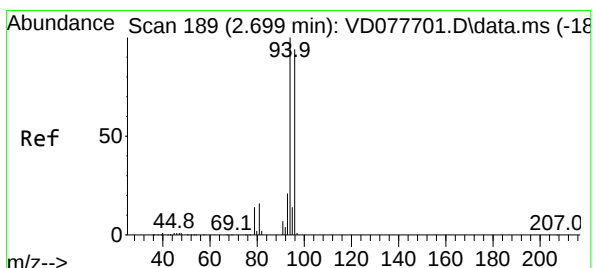
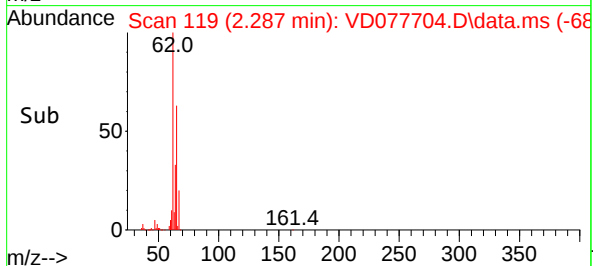
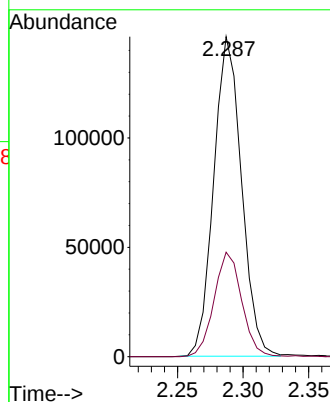
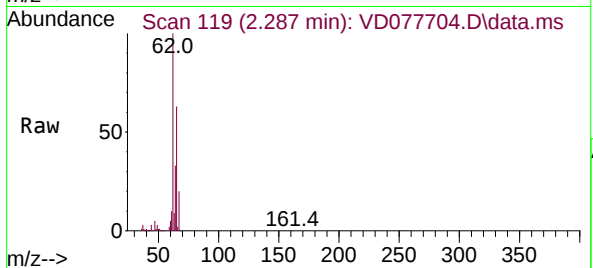




#5
 Vinyl chloride
 Concen: 24.444 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD077704.D
 Acq: 29 Nov 2023 17:16

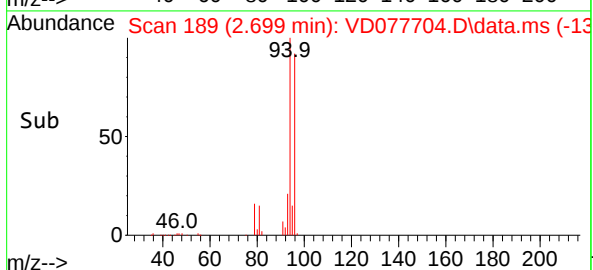
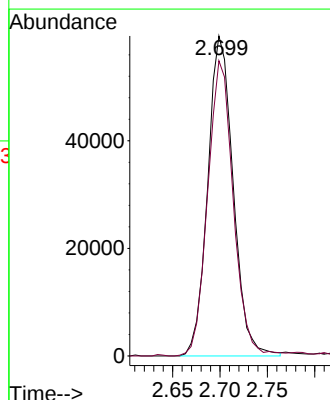
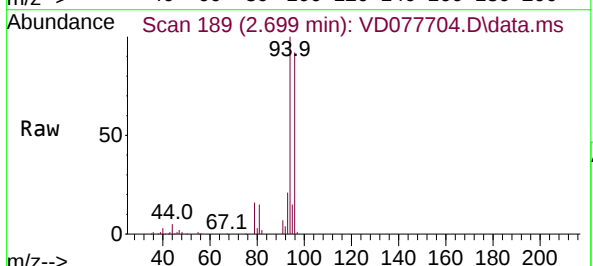
Instrument :
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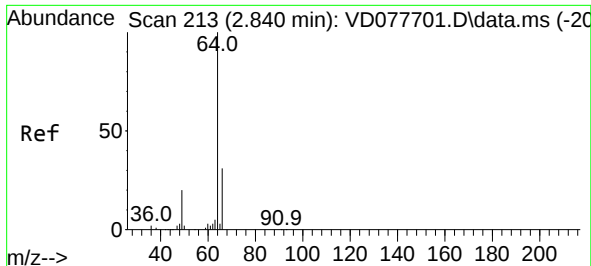
Tgt Ion: 62 Resp: 214925
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.6 42.0



#6
 Bromomethane
 Concen: 23.834 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD077704.D
 Acq: 29 Nov 2023 17:16

Tgt Ion: 94 Resp: 111017
 Ion Ratio Lower Upper
 94 100
 96 92.2 66.0 122.6

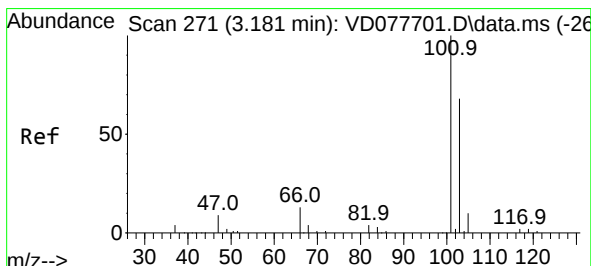
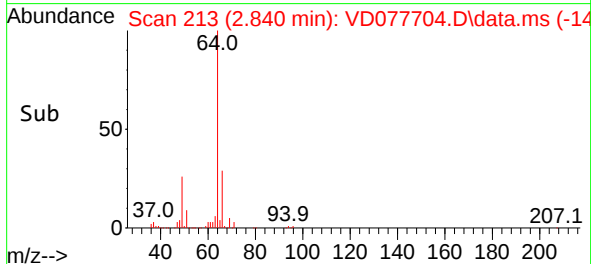
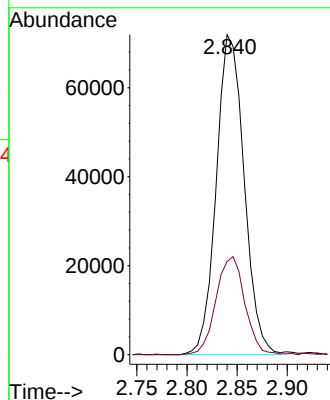
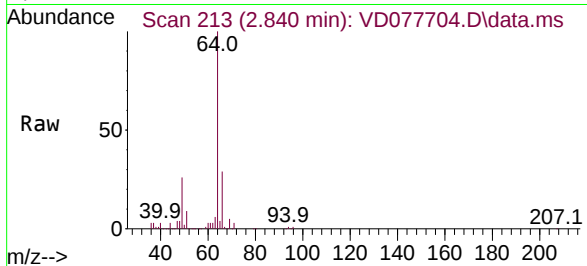




#8
Chloroethane
Concen: 25.256 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

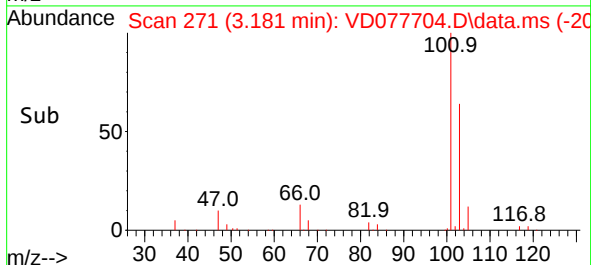
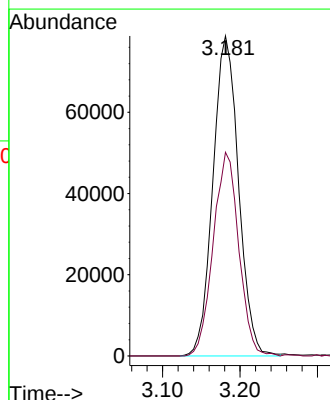
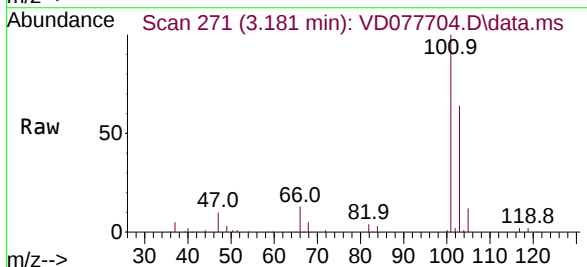
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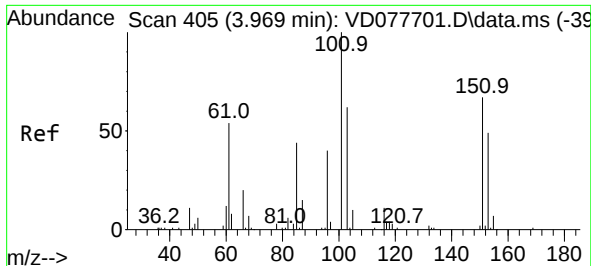
Tgt Ion: 64 Resp: 138617
Ion Ratio Lower Upper
64 100
66 29.1 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.194 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:101 Resp: 181435
Ion Ratio Lower Upper
101 100
103 63.4 52.5 78.7

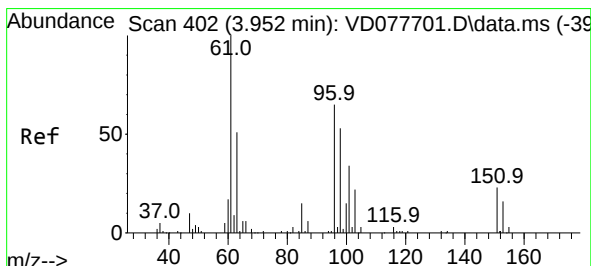
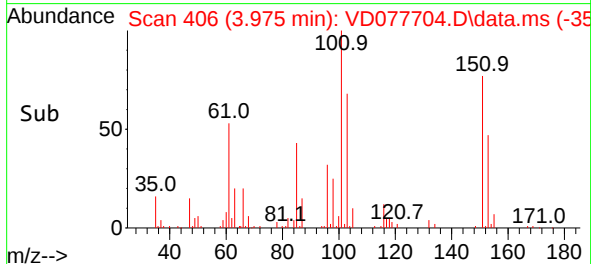
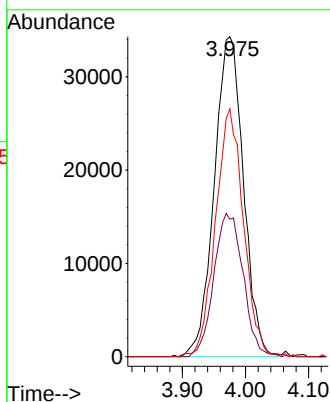
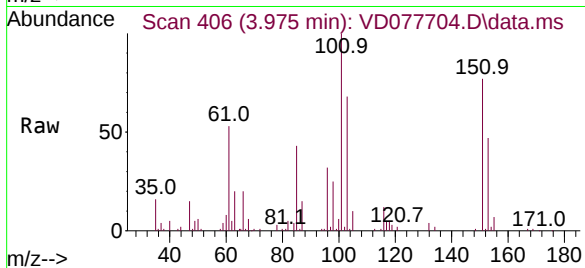




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.909 ug/L
 RT: 3.975 min Scan# 405
 Delta R.T. 0.006 min
 Lab File: VD077704.D
 Acq: 29 Nov 2023 17:16

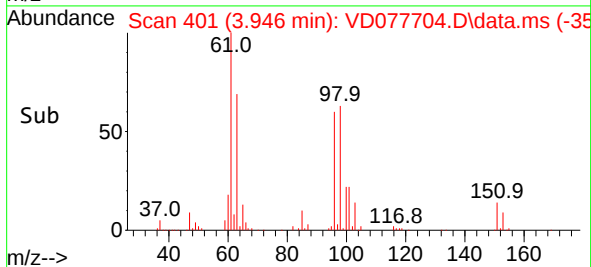
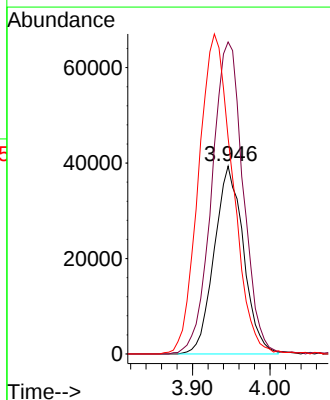
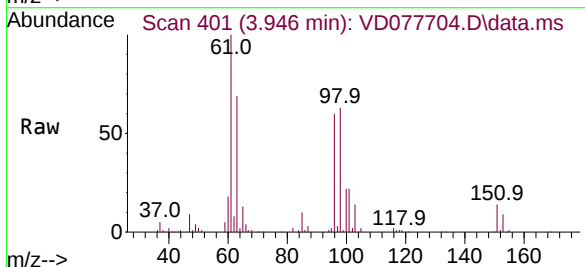
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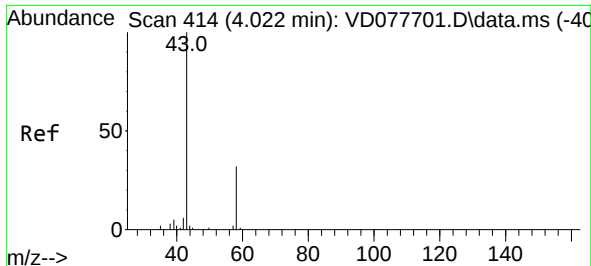
Tgt Ion:101 Resp: 110195
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 72.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 24.684 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD077704.D
 Acq: 29 Nov 2023 17:16

Tgt Ion: 96 Resp: 103347
 Ion Ratio Lower Upper
 96 100
 61 166.2 108.6 201.6
 63 115.1 60.3 111.9#





#13

Acetone

Concen: 53.913 ug/L

RT: 4.028 min Scan# 414

Delta R.T. 0.006 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

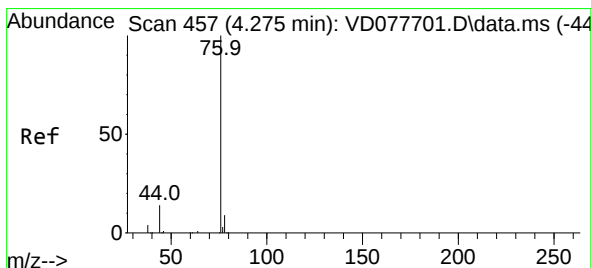
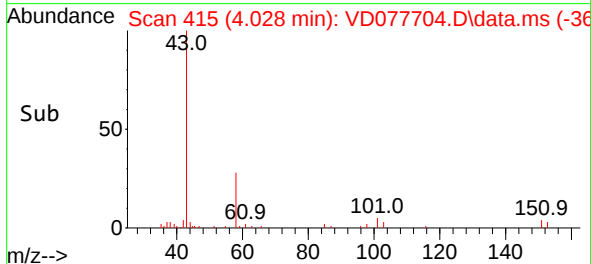
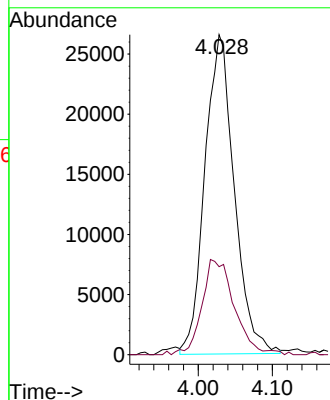
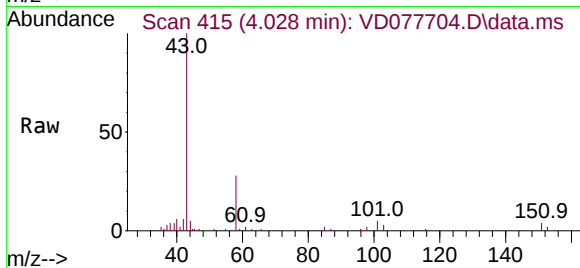
ClientSampleId :

Tgt Ion: 43 Resp: 73277

Ion Ratio Lower Upper

43 100

58 32.2 0.0 67.2



#14

Carbon disulfide

Concen: 25.520 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD077704.D

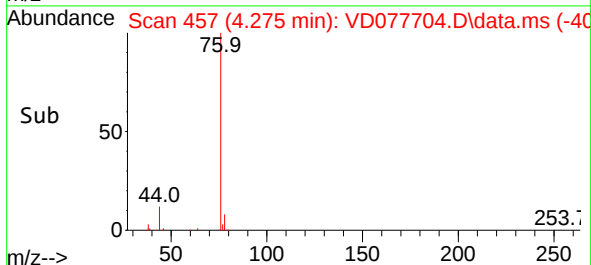
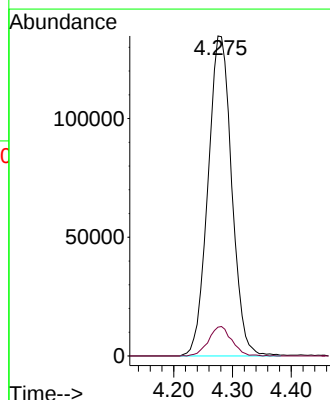
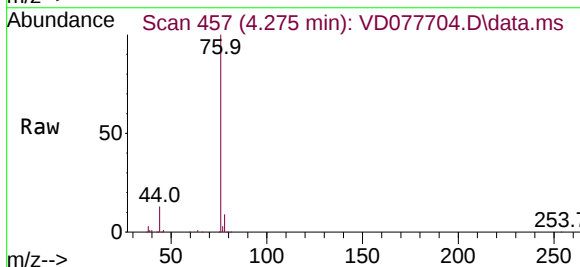
Acq: 29 Nov 2023 17:16

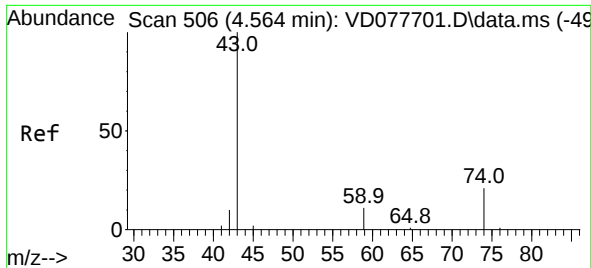
Tgt Ion: 76 Resp: 378642

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

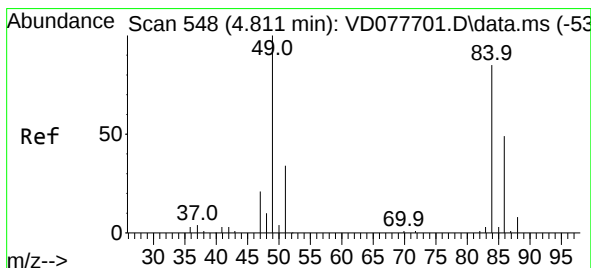
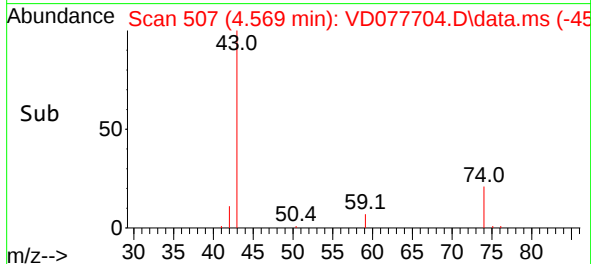
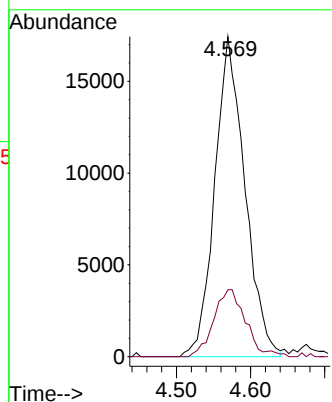
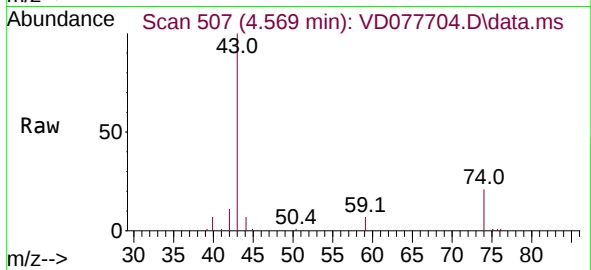




#15
Methyl Acetate
Concen: 25.258 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

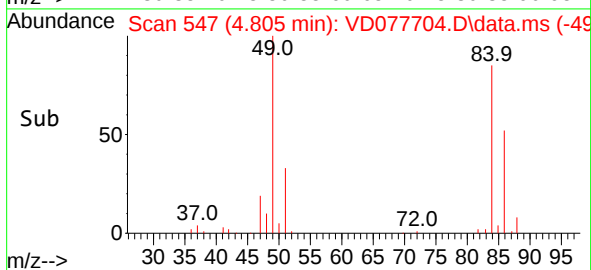
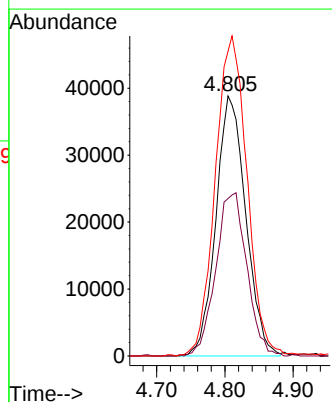
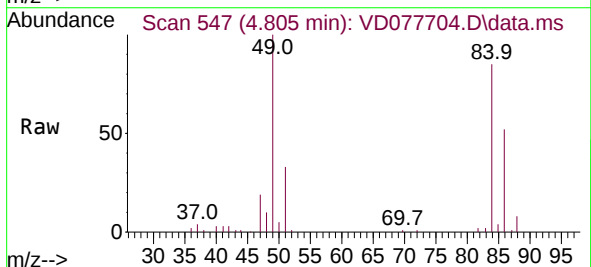
Instrument :
MSVOA_D
ClientSampleId :

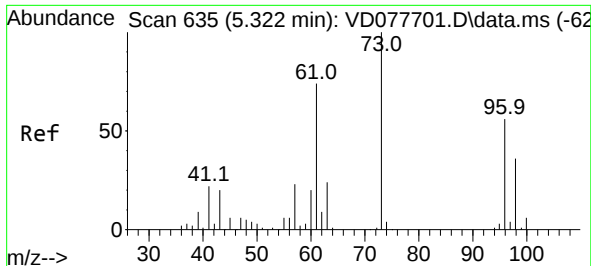
Tgt Ion: 43 Resp: 49143
Ion Ratio Lower Upper
43 100
74 21.5 18.6 27.8



#16
Methylene chloride
Concen: 21.659 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion: 84 Resp: 118367
Ion Ratio Lower Upper
84 100
86 60.6 40.1 74.5
49 117.2 83.2 154.6





#17

trans-1,2-Dichloroethene

Concen: 25.849 ug/L

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

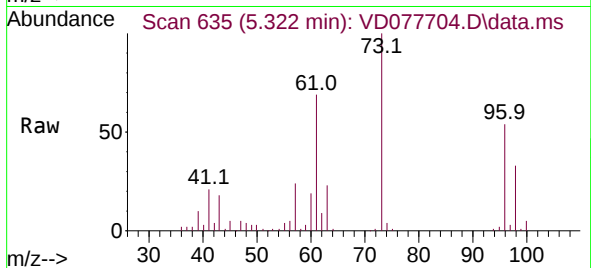
Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :



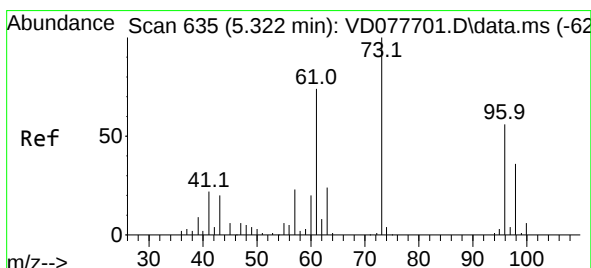
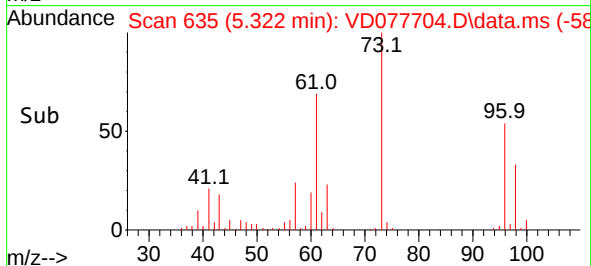
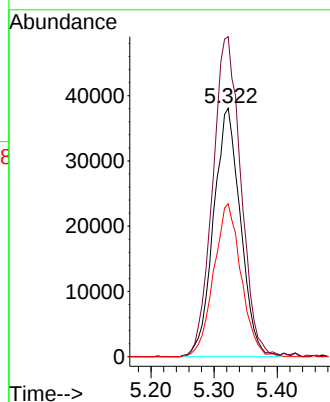
Tgt Ion: 96 Resp: 112839

Ion Ratio Lower Upper

96 100

61 128.8 92.3 171.3

98 61.5 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 25.976 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

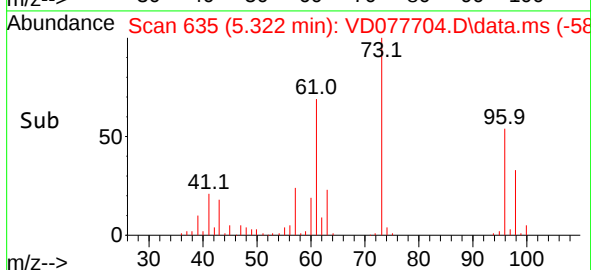
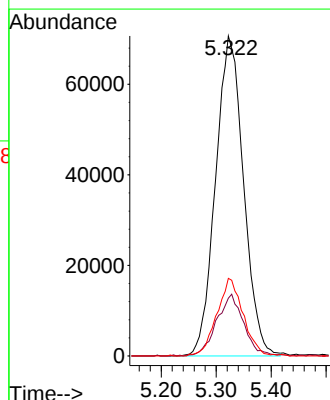
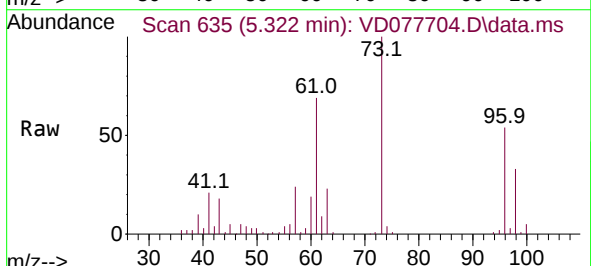
Tgt Ion: 73 Resp: 249959

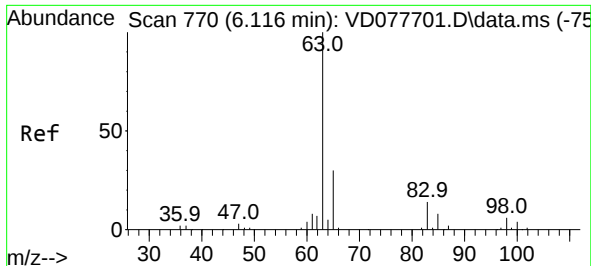
Ion Ratio Lower Upper

73 100

43 18.6 15.0 22.4

57 22.7 18.1 27.1





#19

1,1-Dichloroethane

Concen: 25.259 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

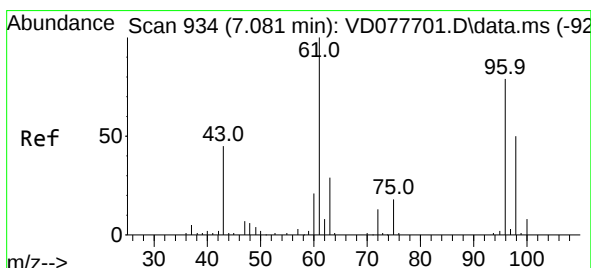
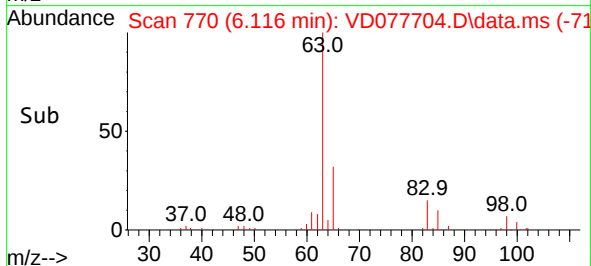
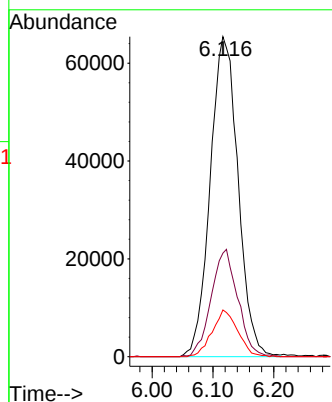
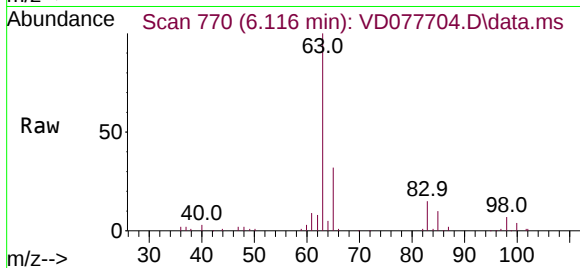
Tgt Ion: 63 Resp: 207810

Ion Ratio Lower Upper

63 100

65 32.4 20.9 38.9

83 14.6 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 24.943 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

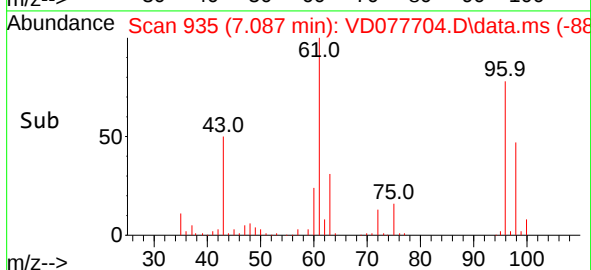
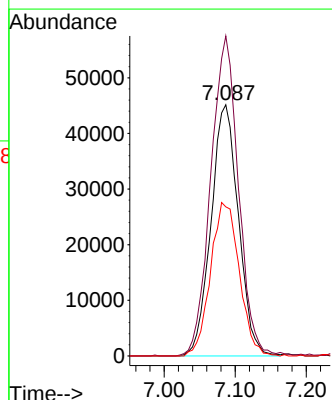
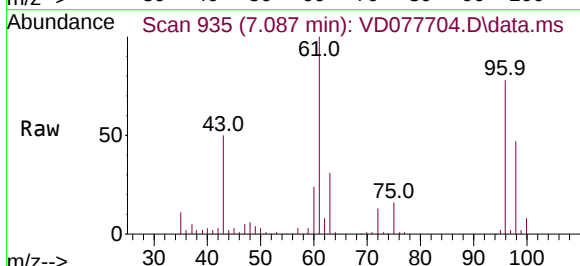
Tgt Ion: 96 Resp: 120993

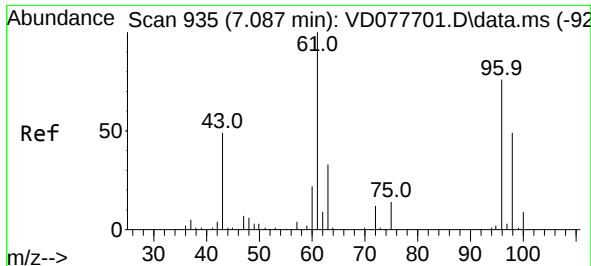
Ion Ratio Lower Upper

96 100

61 127.4 88.1 163.5

98 59.4 44.1 81.9

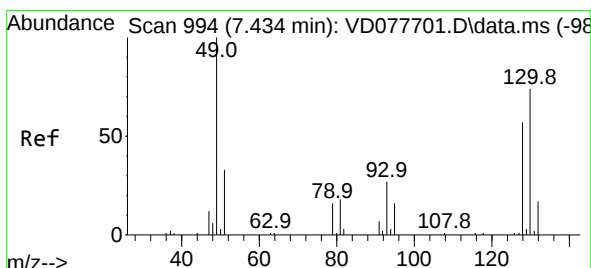
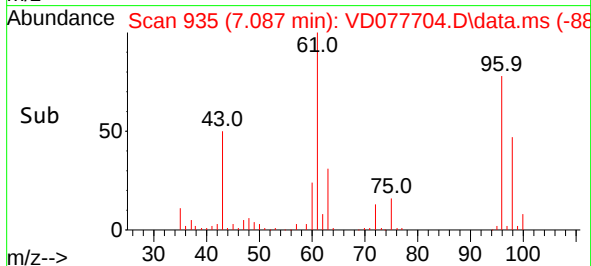
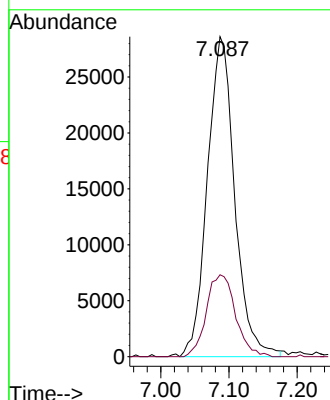
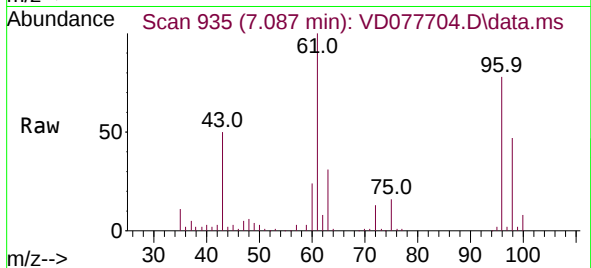




#22
2-Butanone
Concen: 52.178 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

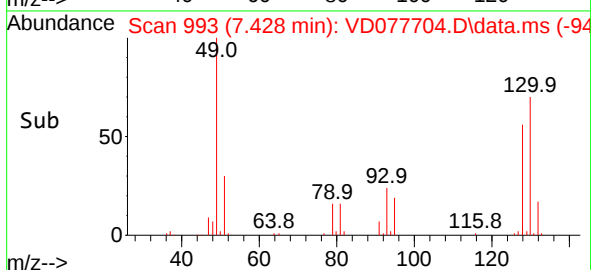
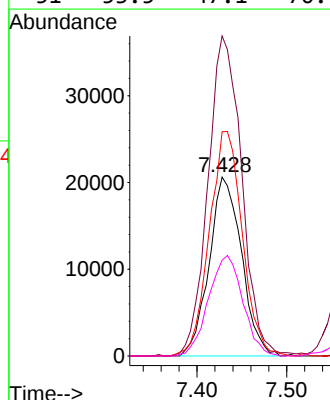
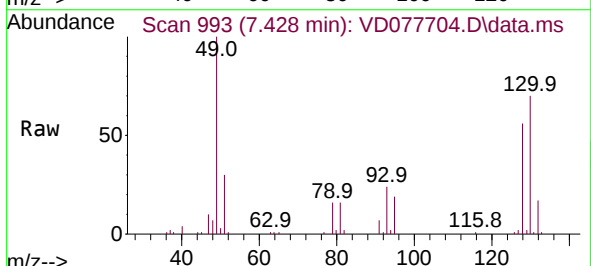
Instrument :
MSVOA_D
ClientSampleId :

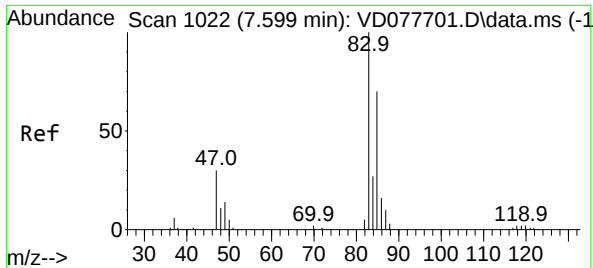
Tgt Ion: 43 Resp: 79819
Ion Ratio Lower Upper
43 100
72 27.1 7.2 21.6#



#23
Bromochloromethane
Concen: 25.563 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:128 Resp: 51625
Ion Ratio Lower Upper
128 100
49 178.9 124.7 231.5
130 125.3 92.3 171.3
51 53.5 47.1 70.7





#25

Chloroform

Concen: 25.209 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

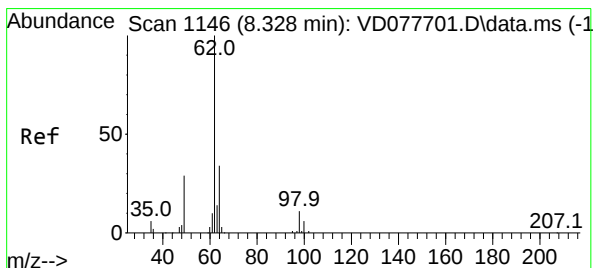
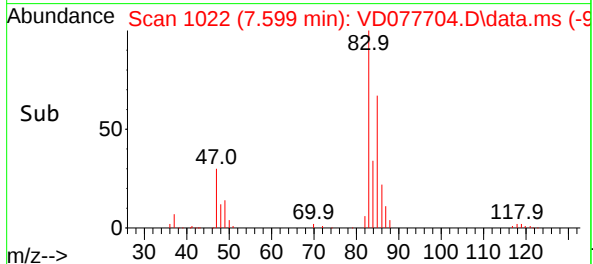
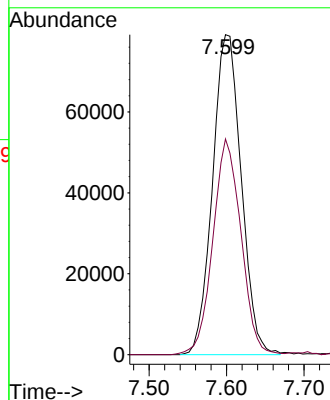
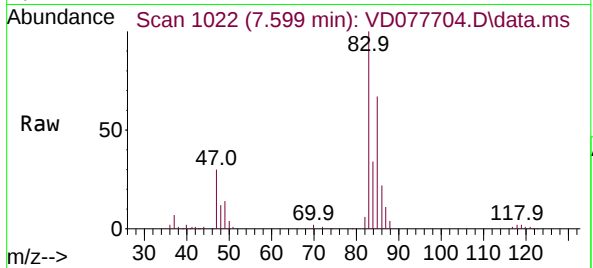
ClientSampleId :

Tgt Ion: 83 Resp: 204183

Ion Ratio Lower Upper

83 100

85 67.4 48.9 90.9



#27

1,2-Dichloroethane

Concen: 26.210 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077704.D

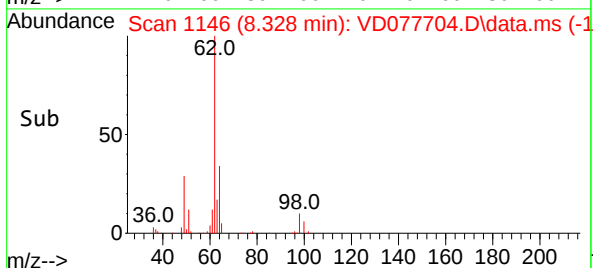
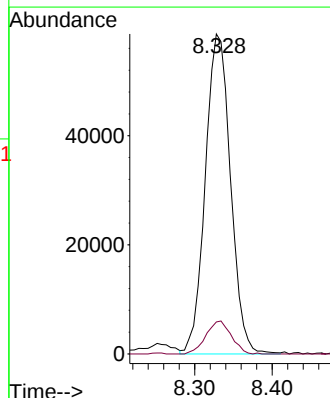
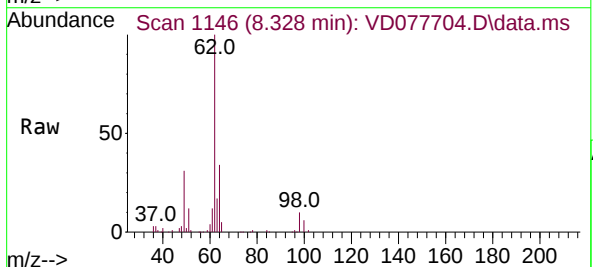
Acq: 29 Nov 2023 17:16

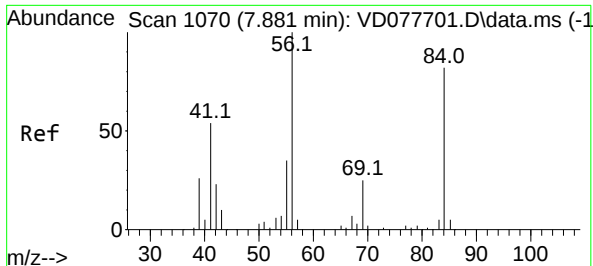
Tgt Ion: 62 Resp: 132789

Ion Ratio Lower Upper

62 100

98 10.0 8.4 12.6





#29

Cyclohexane

Concen: 24.646 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

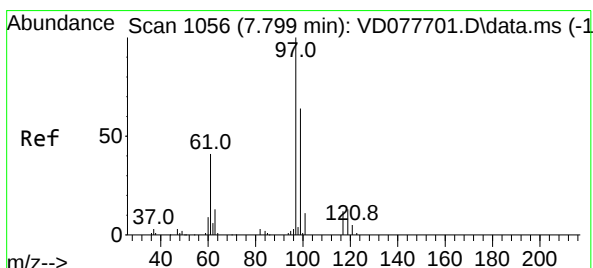
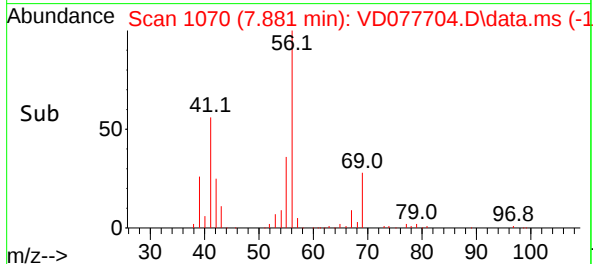
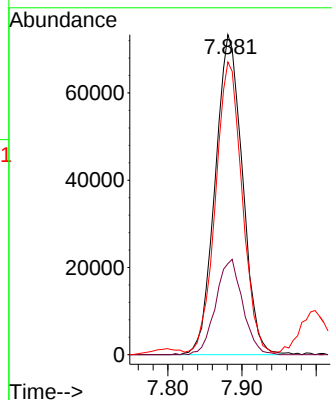
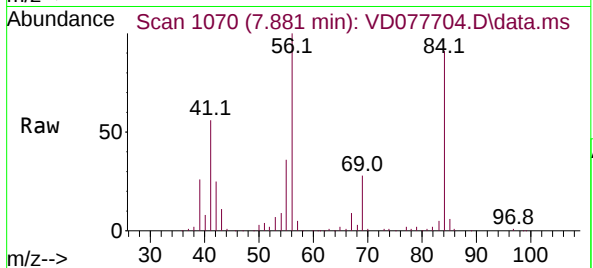
Tgt Ion: 56 Resp: 187838

Ion Ratio Lower Upper

56 100

69 29.2 22.2 33.4

84 89.3 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 24.350 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

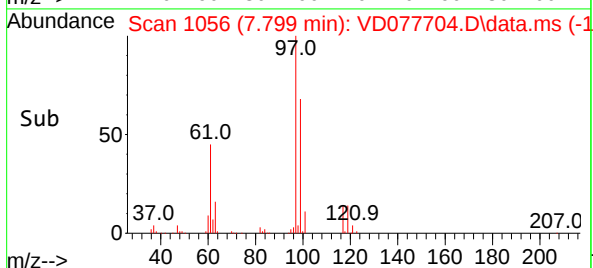
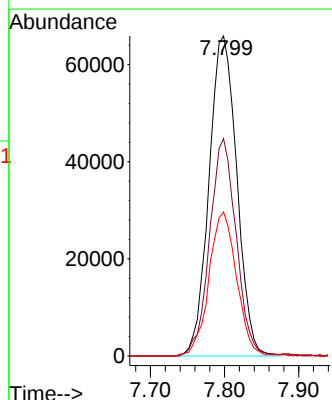
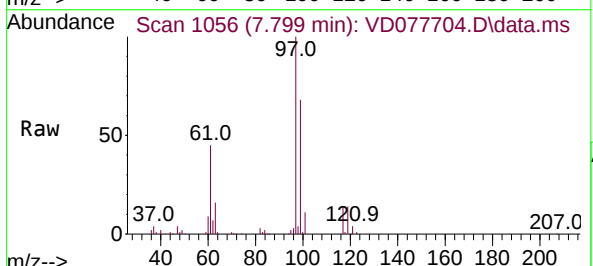
Tgt Ion: 97 Resp: 172091

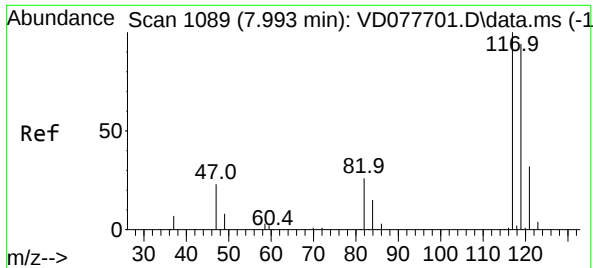
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 44.5 35.4 53.2

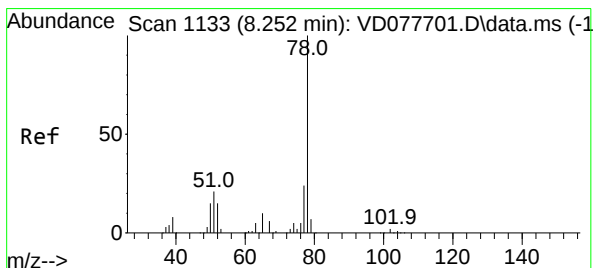
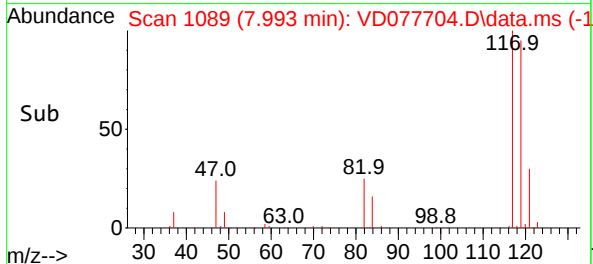
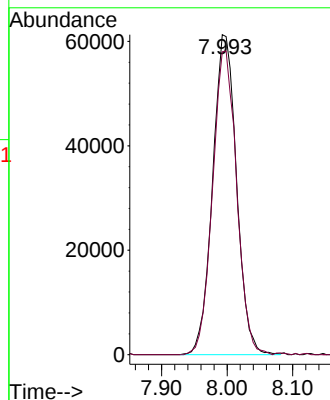
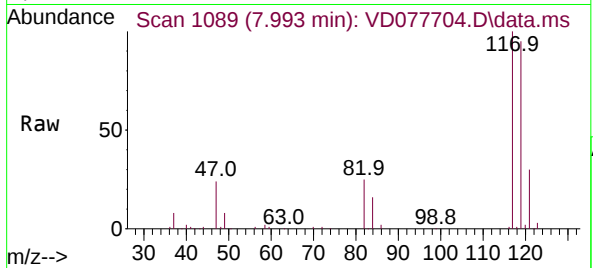




#31
Carbon tetrachloride
Concen: 24.979 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

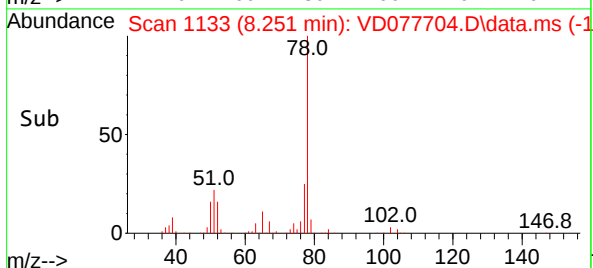
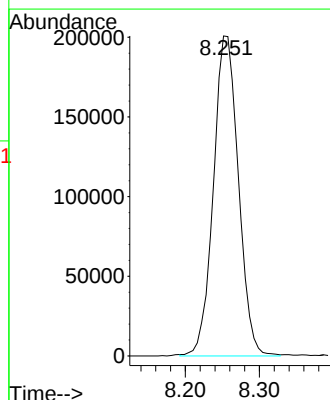
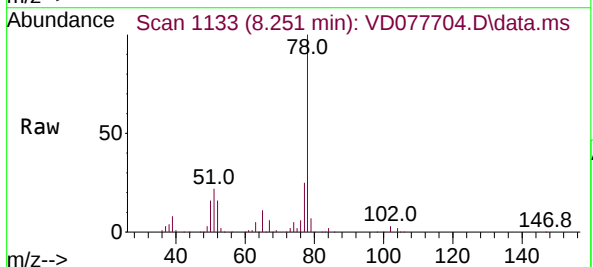
Instrument :
MSVOA_D
ClientSampleId :

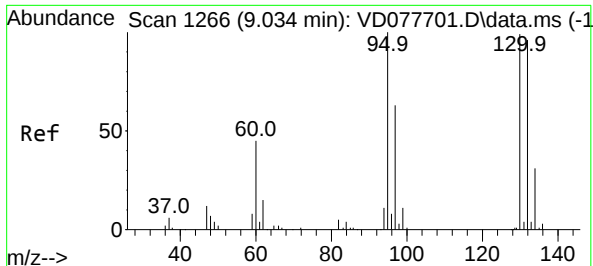
Tgt Ion:117 Resp: 155251
Ion Ratio Lower Upper
117 100
119 95.6 76.3 114.5



#33
Benzene
Concen: 25.034 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion: 78 Resp: 470619

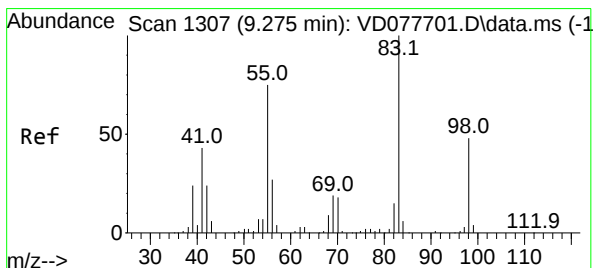
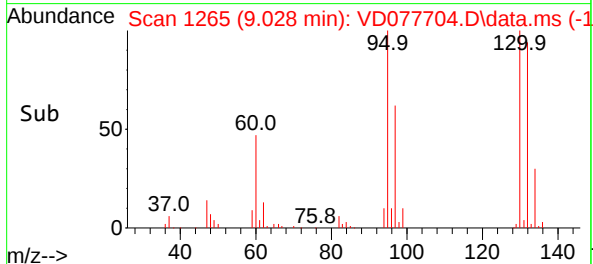
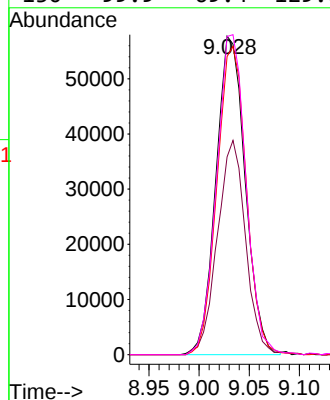
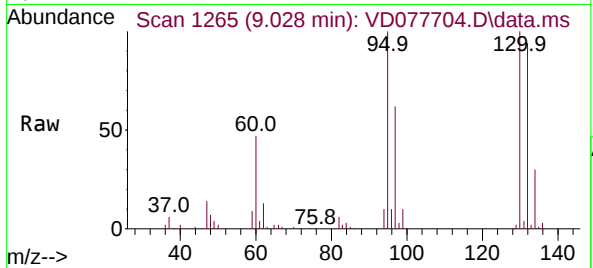




#34
Trichloroethene
Concen: 25.117 ug/L
RT: 9.028 min Scan# 117209
Delta R.T. -0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

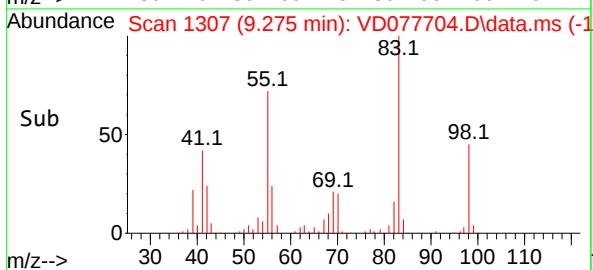
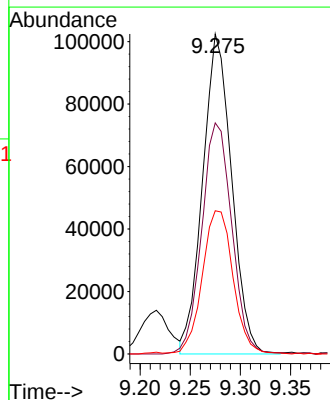
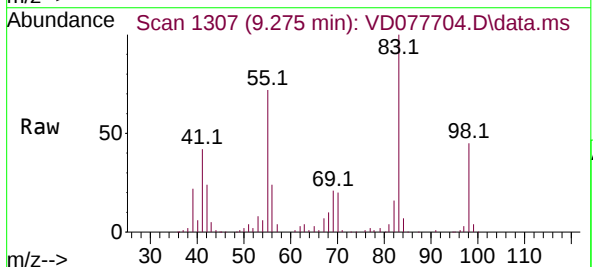
Instrument :
MSVOA_D
ClientSampleId :

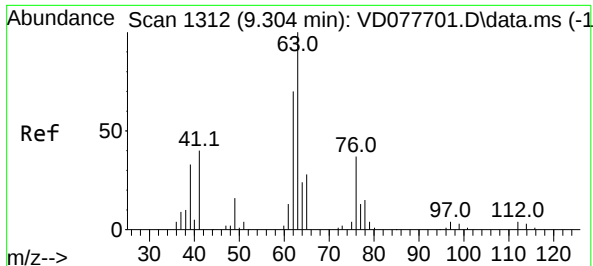
Tgt Ion: 95 Resp: 117209
Ion Ratio Lower Upper
95 100
97 62.1 44.2 82.0
132 93.6 67.5 125.3
130 99.9 69.4 129.0



#35
Methylcyclohexane
Concen: 24.833 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion: 83 Resp: 205729
Ion Ratio Lower Upper
83 100
55 75.1 59.8 89.6
98 47.7 38.5 57.7





#37

1,2-Dichloropropane

Concen: 25.283 ug/L

RT: 9.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

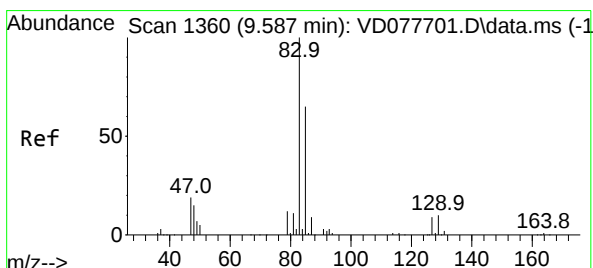
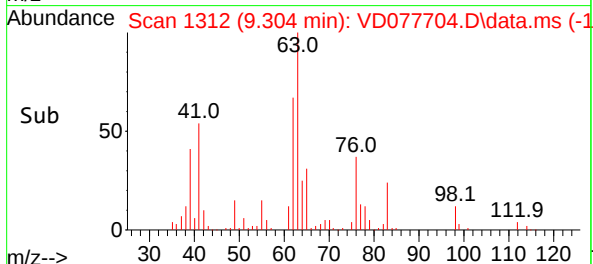
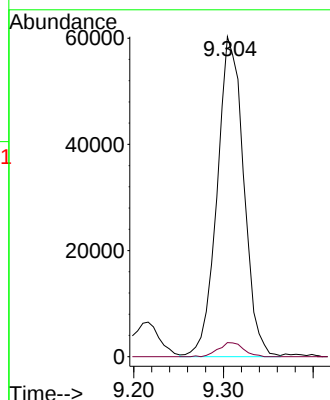
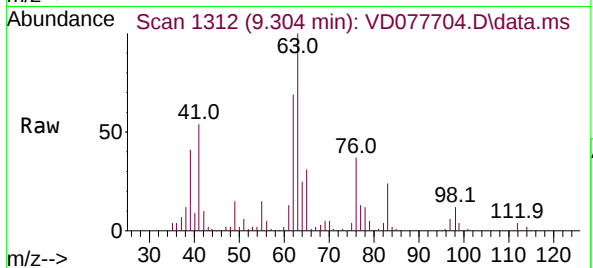
ClientSampleId :

Tgt Ion: 63 Resp: 123923

Ion Ratio Lower Upper

63 100

112 4.1 3.5 5.3



#38

Bromodichloromethane

Concen: 25.432 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

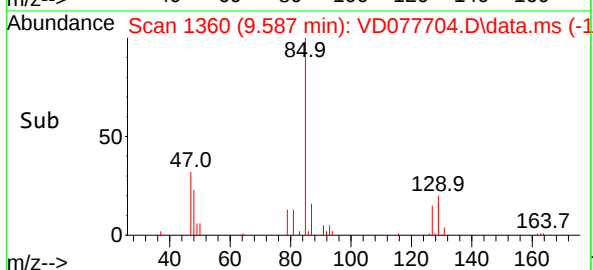
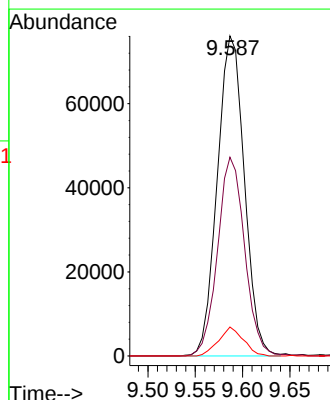
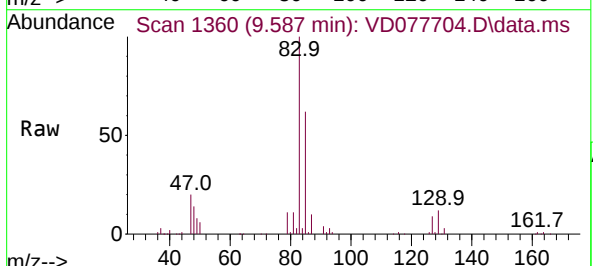
Tgt Ion: 83 Resp: 151585

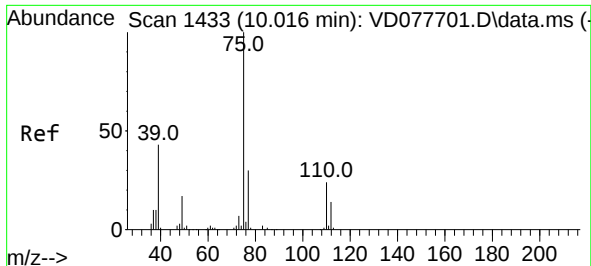
Ion Ratio Lower Upper

83 100

85 62.1 45.5 84.5

127 9.1 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 25.330 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

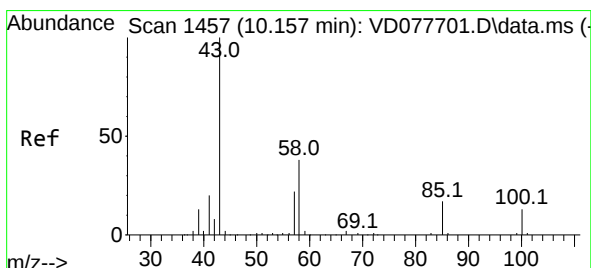
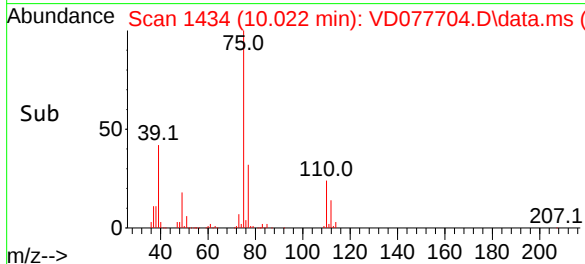
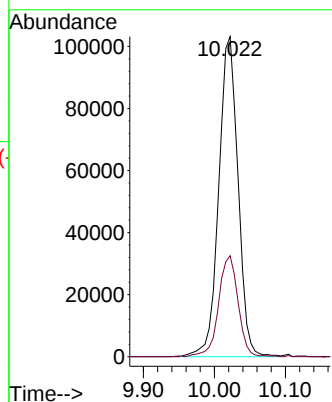
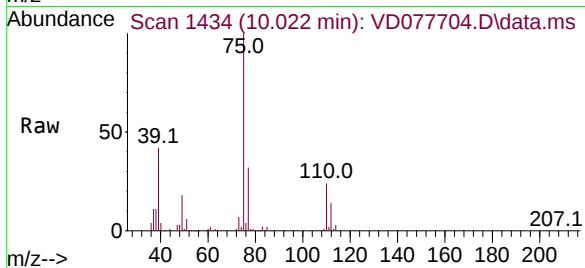
ClientSampleId :

Tgt Ion: 75 Resp: 193879

Ion Ratio Lower Upper

75 100

77 31.6 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 51.380 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

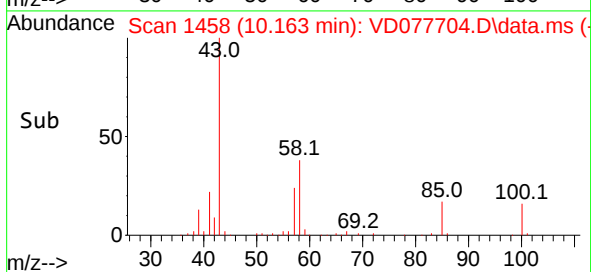
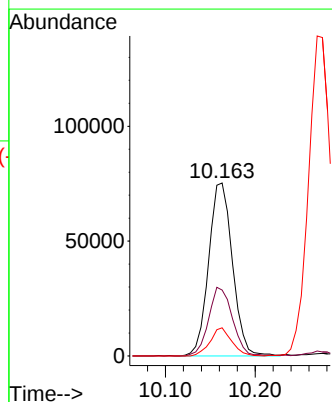
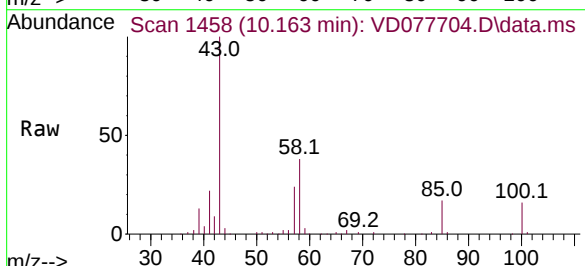
Tgt Ion: 43 Resp: 138970

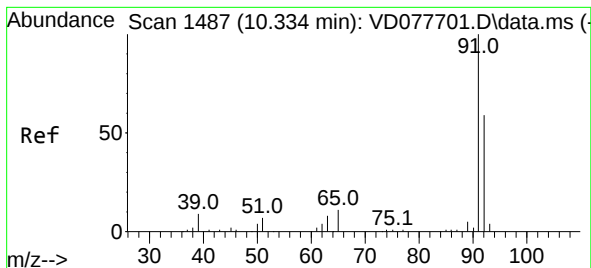
Ion Ratio Lower Upper

43 100

58 39.7 31.0 46.4

100 14.7 11.9 17.9





#42

Toluene

Concen: 25.437 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

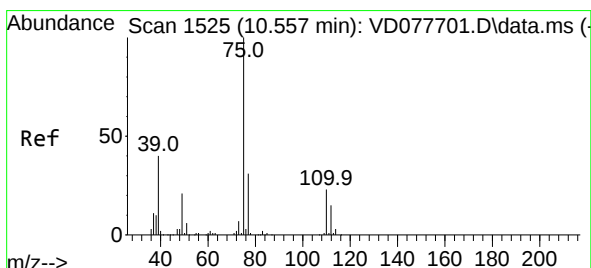
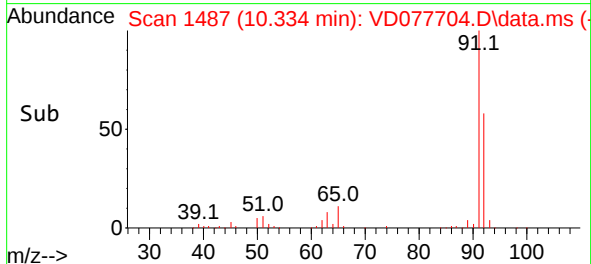
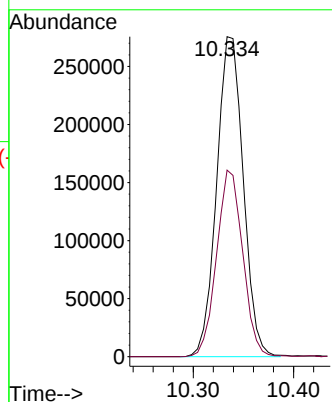
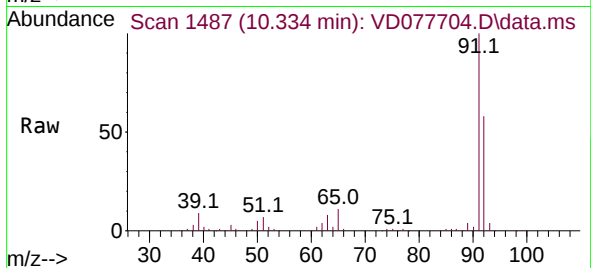
ClientSampleId :

Tgt Ion: 91 Resp: 507910

Ion Ratio Lower Upper

91 100

92 58.3 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 25.843 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD077704.D

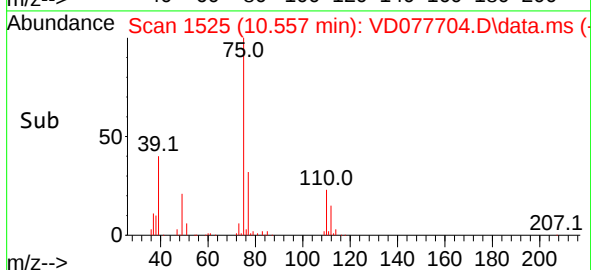
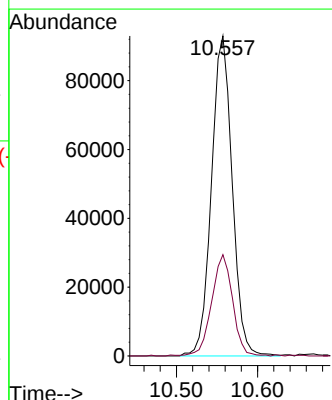
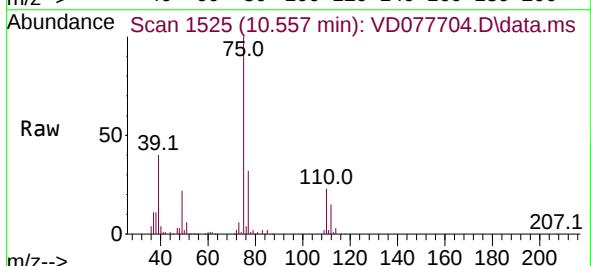
Acq: 29 Nov 2023 17:16

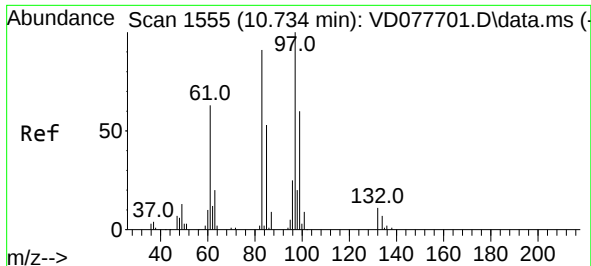
Tgt Ion: 75 Resp: 165219

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8

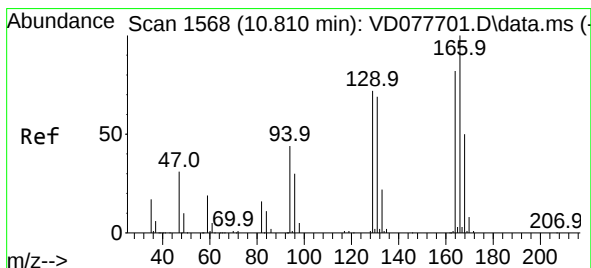
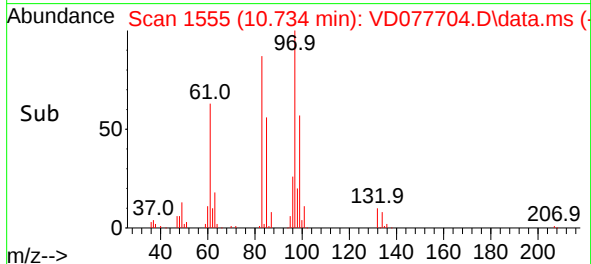
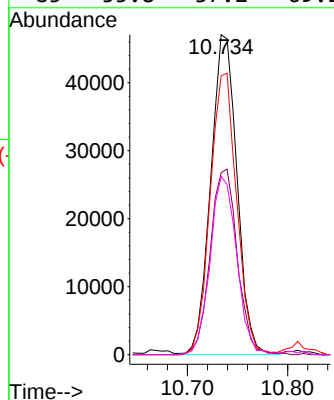
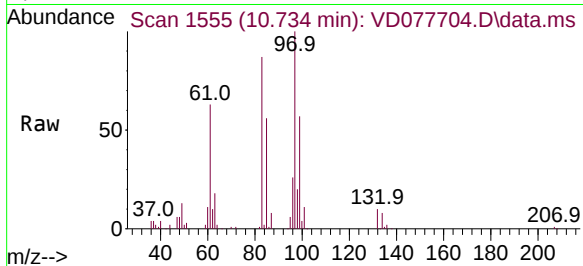




#45
1,1,2-Trichloroethane
Concen: 25.988 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

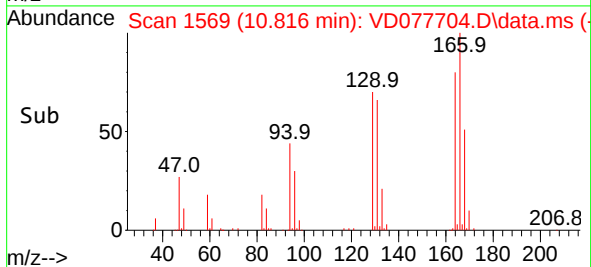
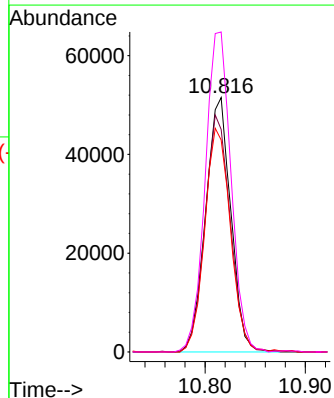
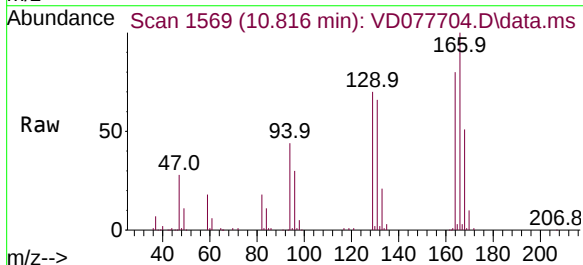
Instrument :
MSVOA_D
ClientSampleId :

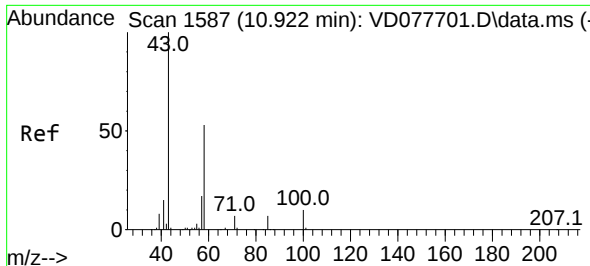
Tgt Ion: 97	Resp: 85547
Ion Ratio	Lower Upper
97 100	
99 56.9	41.7 77.5
83 87.2	63.6 118.2
85 55.8	37.2 69.2



#46
Tetrachloroethene
Concen: 23.891 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

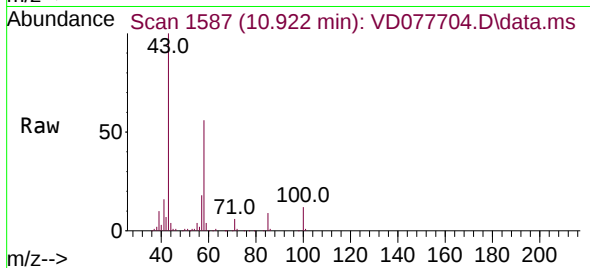
Tgt	Ion:164	Resp:	89900
Ion	Ratio	Lower	Upper
164	100		
129	87.5	61.5	114.3
131	83.3	59.1	109.9
166	125.8	85.4	158.6





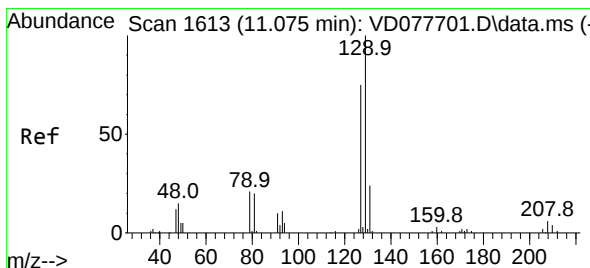
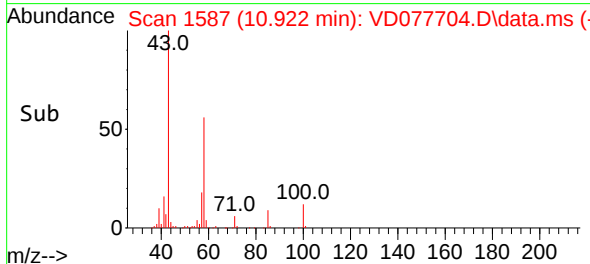
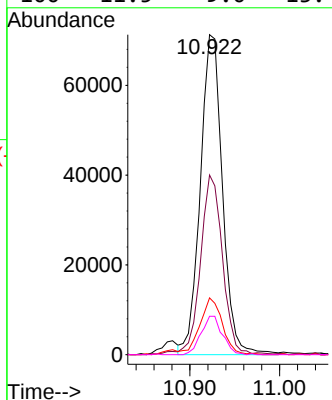
#48
2-Hexanone
Concen: 53.353 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 43 Resp: 122657

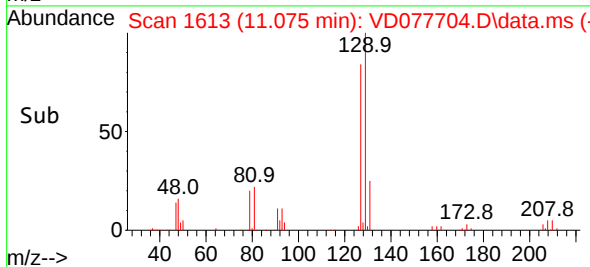
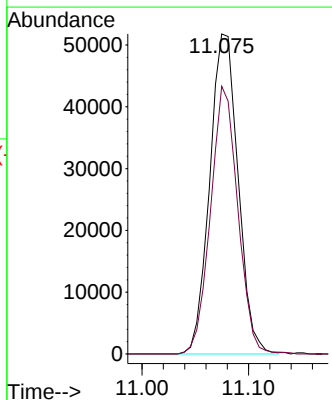
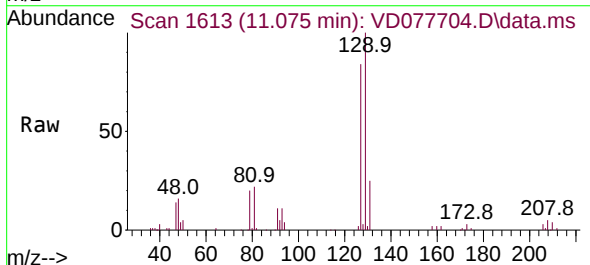
Ion	Ratio	Lower	Upper
43	100		
58	54.8	43.0	64.6
57	17.0	13.8	20.8
100	11.5	9.0	13.4

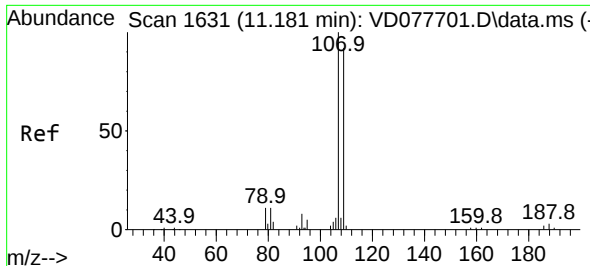


#49
Dibromochloromethane
Concen: 24.496 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion: 129 Resp: 95881

Ion	Ratio	Lower	Upper
129	100		
127	83.6	52.8	98.2

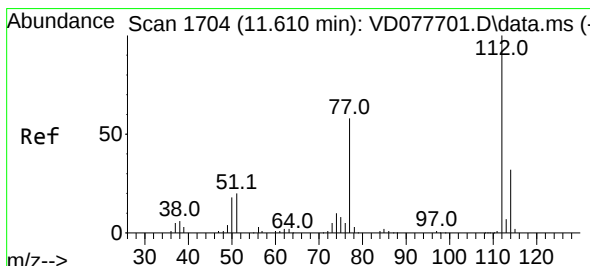
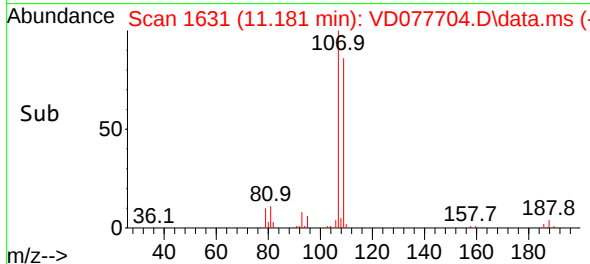
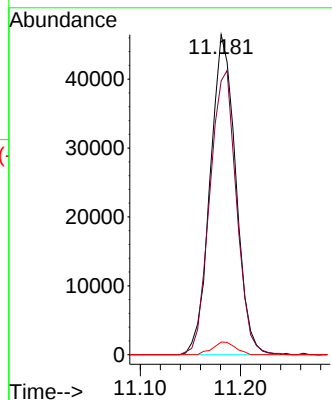
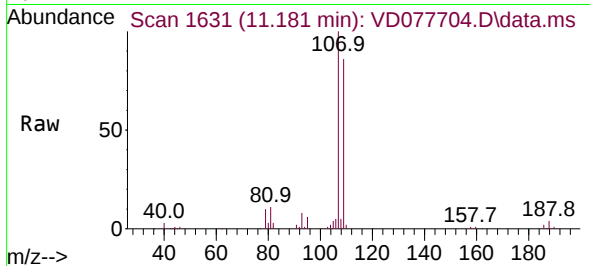




#50
1,2-Dibromoethane
Concen: 25.861 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

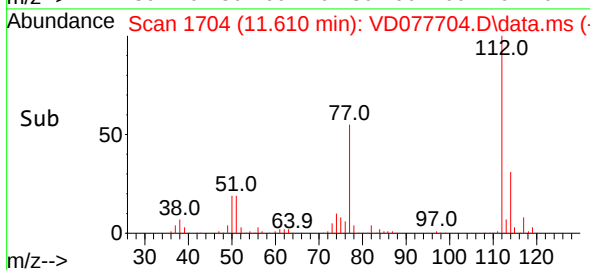
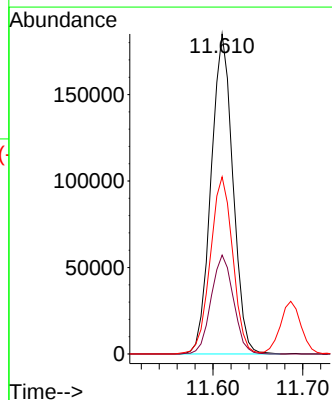
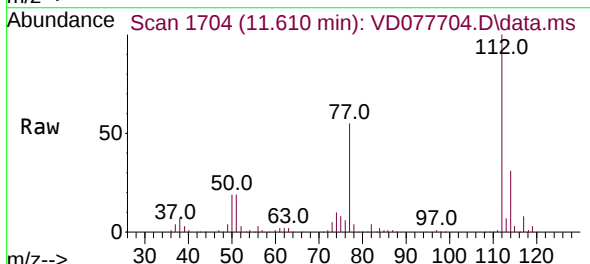
Instrument :
MSVOA_D
ClientSampleId :

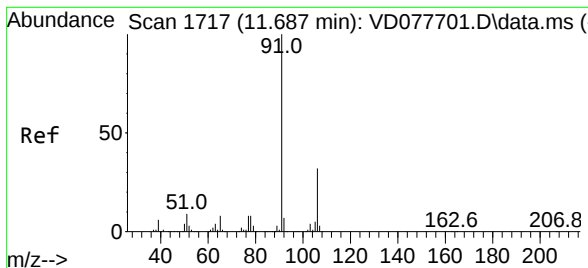
Tgt Ion:107 Resp: 82098
Ion Ratio Lower Upper
107 100
109 85.6 64.2 119.2
188 4.0 2.3 3.5#



#51
Chlorobenzene
Concen: 25.198 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:112 Resp: 311990
Ion Ratio Lower Upper
112 100
114 30.9 22.5 41.9
77 55.3 46.4 69.6

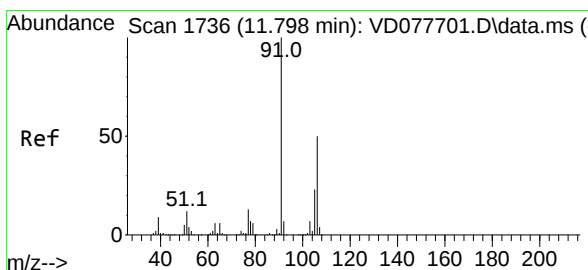
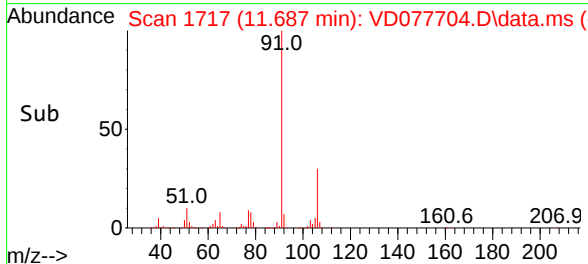
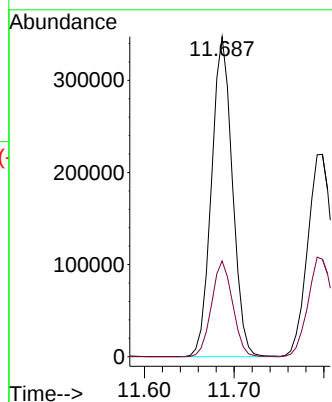
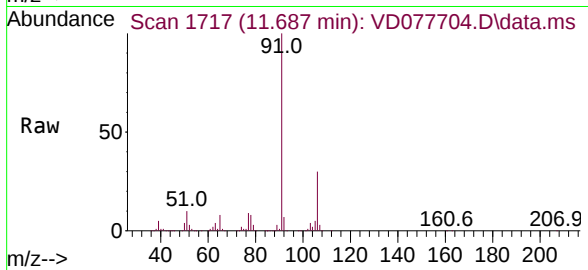




#52
Ethylbenzene
Concen: 25.358 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

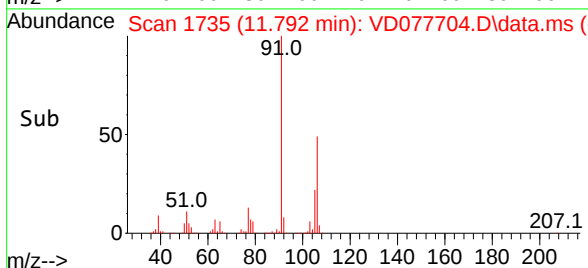
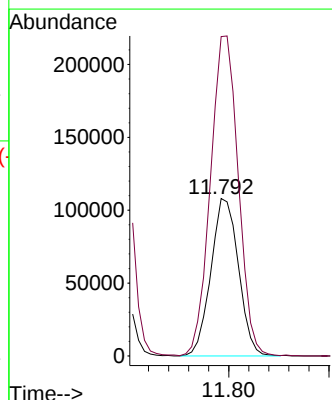
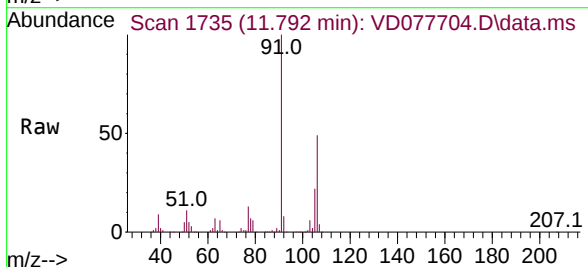
Instrument :
MSVOA_D
ClientSampleId :

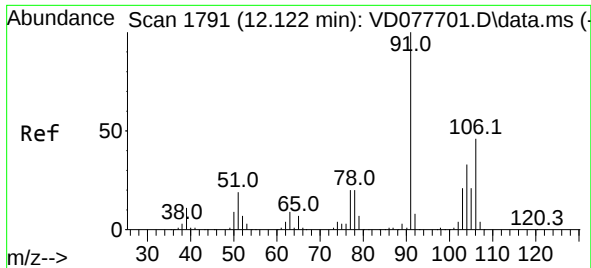
Tgt Ion: 91 Resp: 561295
Ion Ratio Lower Upper
91 100
106 29.9 22.4 41.6



#53
m,p-Xylene
Concen: 24.661 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:106 Resp: 206263
Ion Ratio Lower Upper
106 100
91 202.9 140.8 261.6

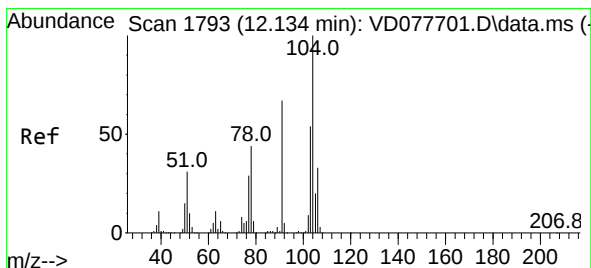
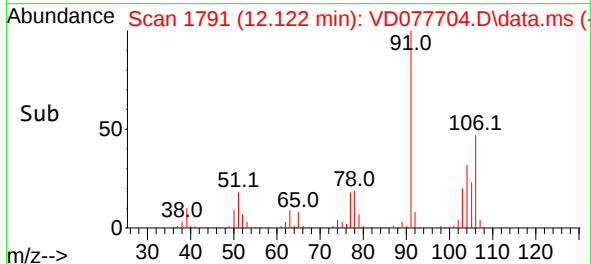
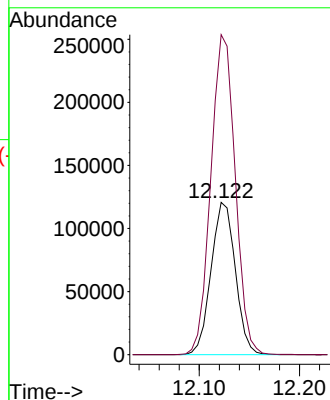
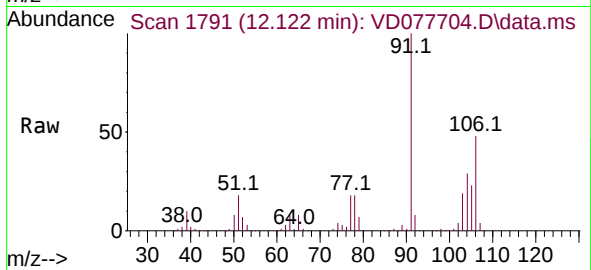




#54
o-Xylene
Concen: 25.328 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

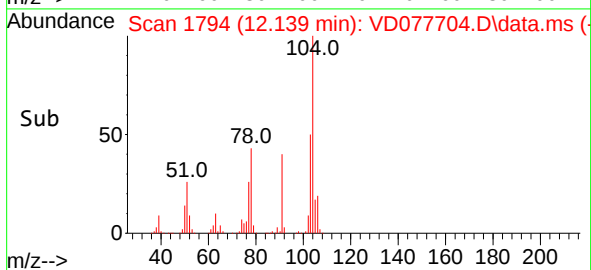
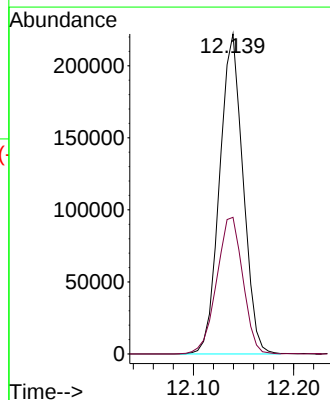
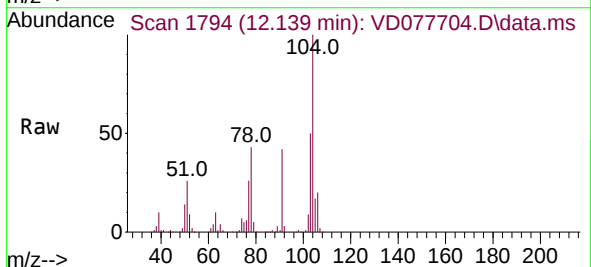
Instrument :
MSVOA_D
ClientSampleId :

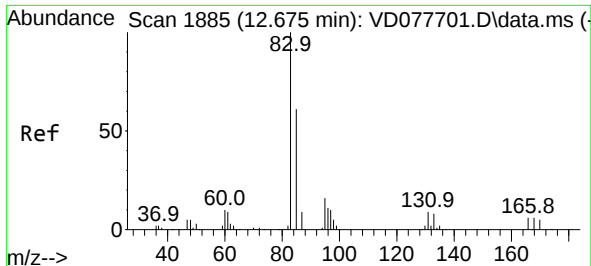
Tgt Ion:106 Resp: 202738
Ion Ratio Lower Upper
106 100
91 210.1 152.2 282.7



#55
Styrene
Concen: 25.727 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:104 Resp: 360336
Ion Ratio Lower Upper
104 100
78 42.7 30.9 57.5

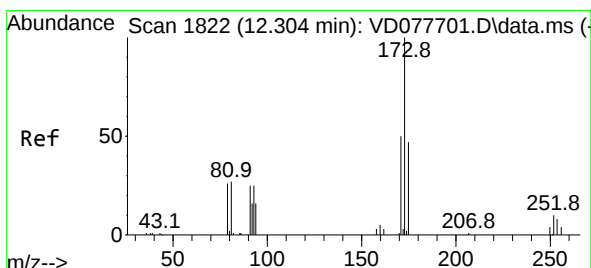
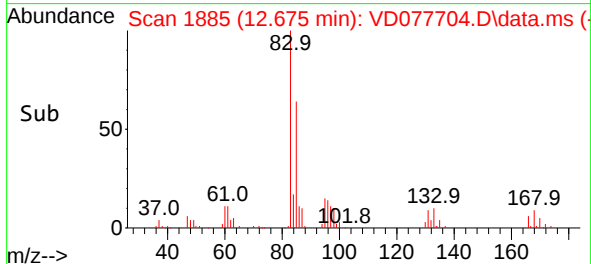
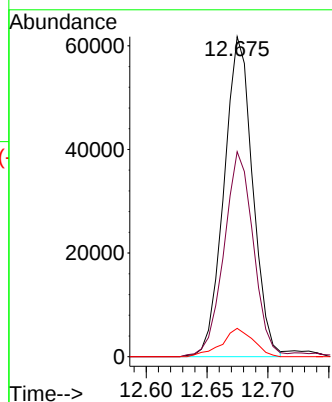
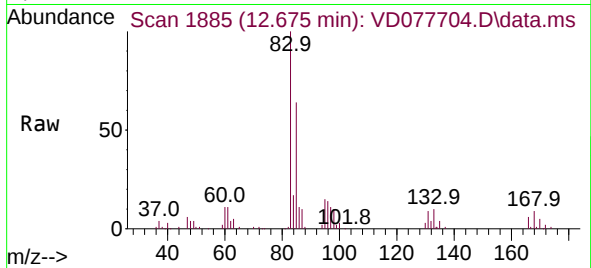




#57
1,1,2,2-Tetrachloroethane
Concen: 25.940 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

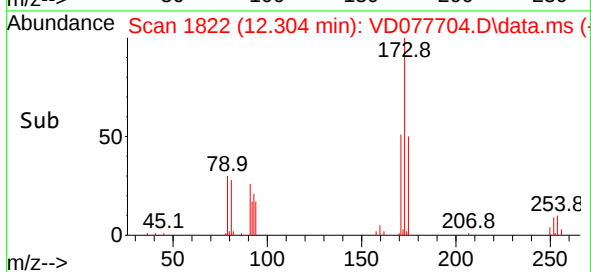
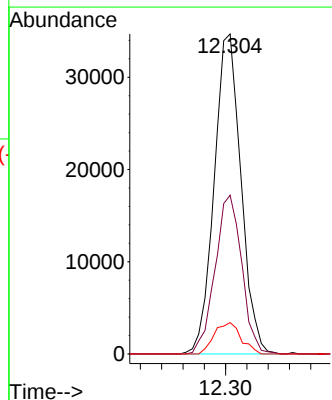
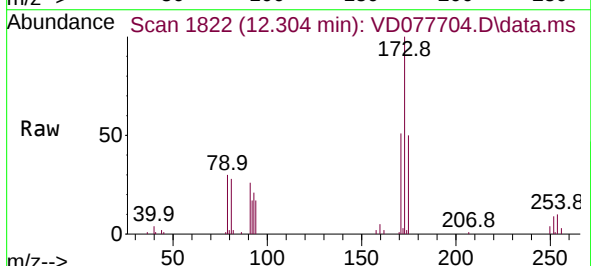
Instrument :
MSVOA_D
ClientSampleId :

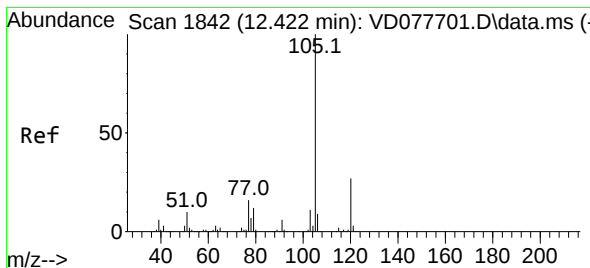
Tgt Ion: 83 Resp: 101180
Ion Ratio Lower Upper
83 100
85 64.0 43.3 80.5
131 8.9 7.3 10.9



#59
Bromoform
Concen: 24.634 ug/L
RT: 12.304 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:173 Resp: 60524
Ion Ratio Lower Upper
173 100
175 49.4 38.7 58.1
254 9.8 1.8 2.8#





#60

Isopropylbenzene

Concen: 24.495 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

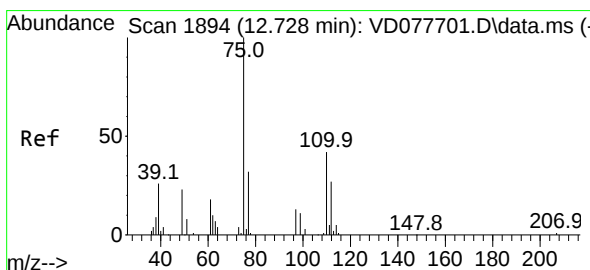
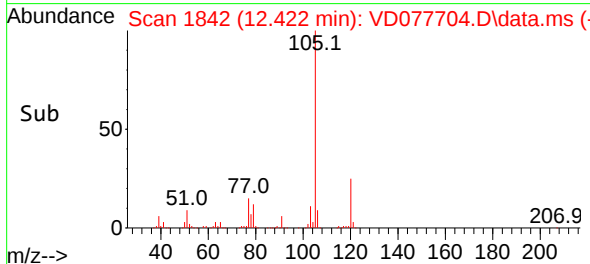
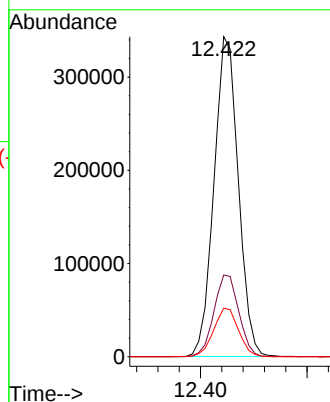
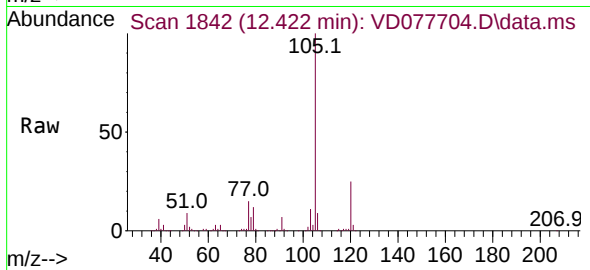
Tgt Ion:105 Resp: 542891

Ion Ratio Lower Upper

105 100

120 26.1 21.3 31.9

77 15.5 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 25.252 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

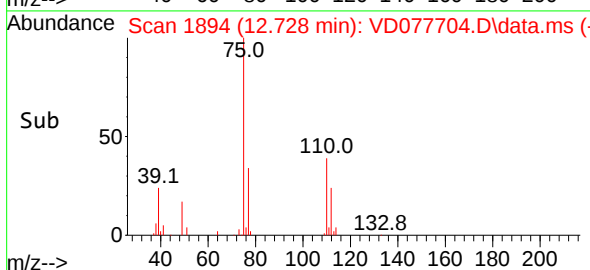
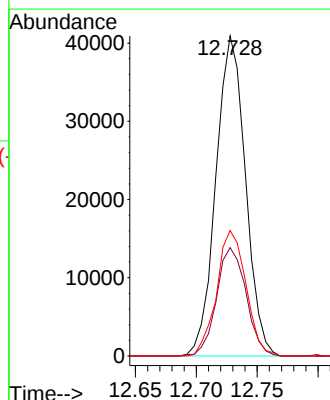
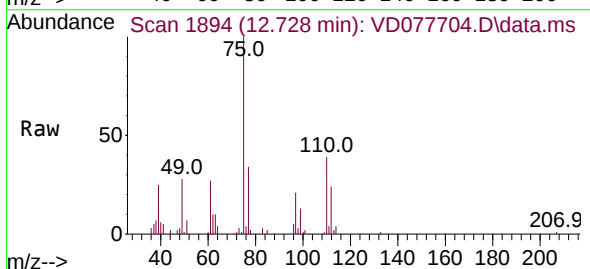
Tgt Ion: 75 Resp: 68972

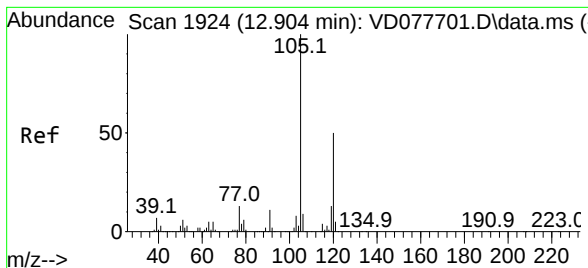
Ion Ratio Lower Upper

75 100

77 33.8 26.8 40.2

110 38.9 33.4 50.2

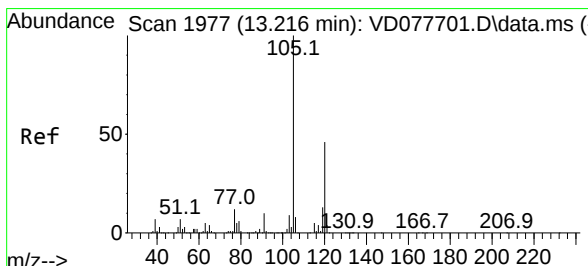
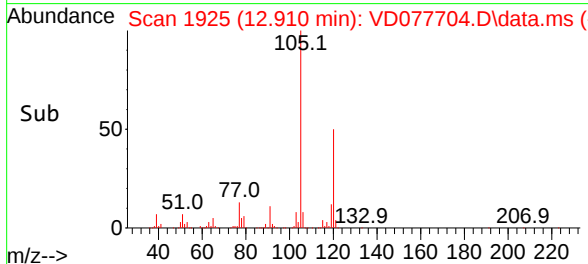
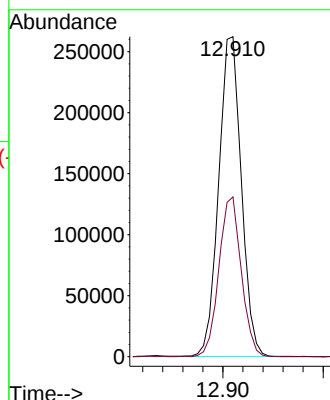
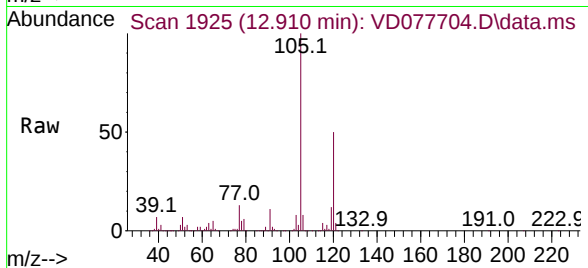




#62
1,3,5-Trimethylbenzene
Concen: 24.644 ug/L
RT: 12.910 min Scan# 1924
Delta R.T. 0.006 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

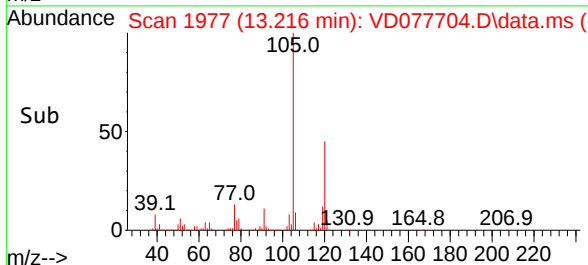
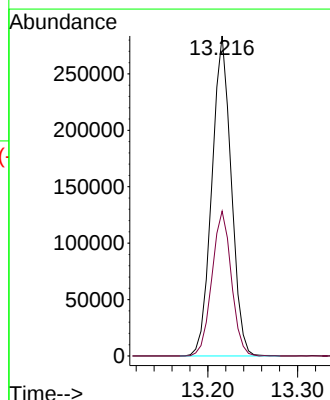
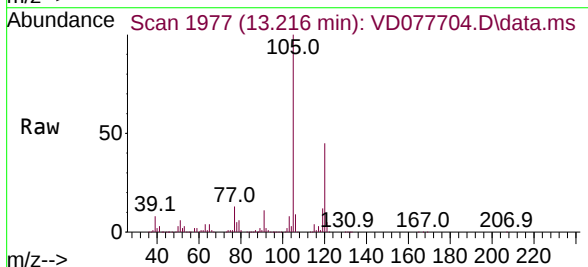
Instrument :
MSVOA_D
ClientSampleId :

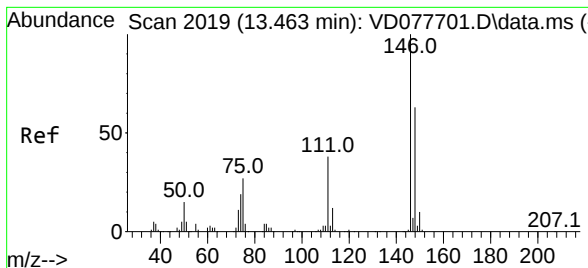
Tgt Ion:105 Resp: 410230
Ion Ratio Lower Upper
105 100
120 49.3 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 25.173 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

Tgt Ion:105 Resp: 424872
Ion Ratio Lower Upper
105 100
120 45.3 37.1 55.7





#64

1,3-Dichlorobenzene

Concen: 24.924 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

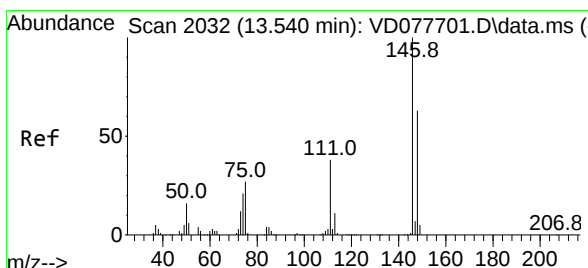
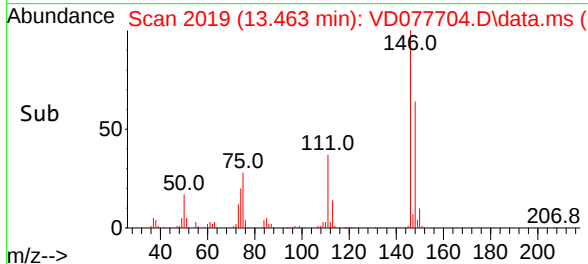
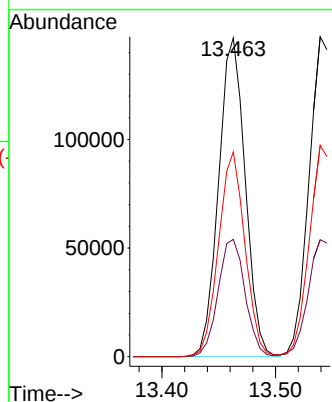
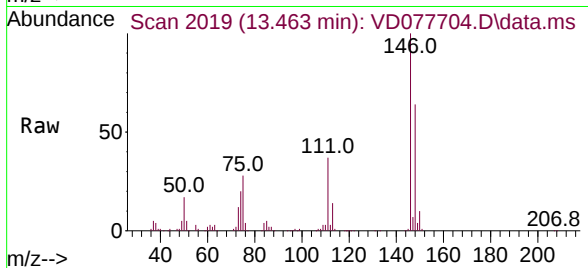
Tgt Ion:146 Resp: 238902

Ion Ratio Lower Upper

146 100

111 36.8 26.6 49.4

148 64.3 44.0 81.6



#65

1,4-Dichlorobenzene

Concen: 24.087 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

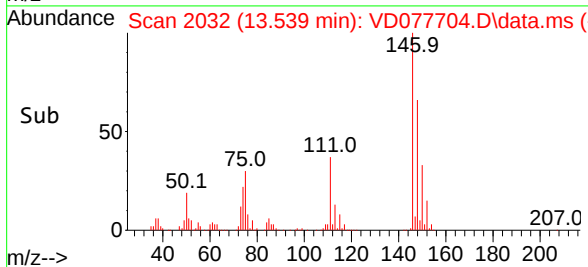
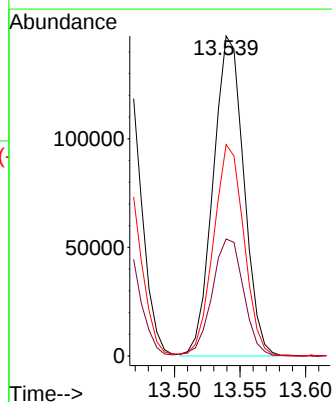
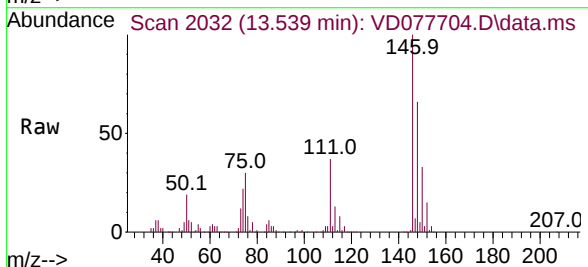
Tgt Ion:146 Resp: 239573

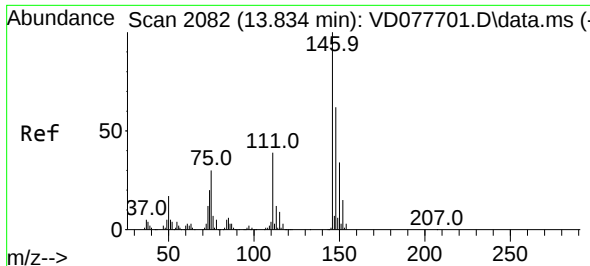
Ion Ratio Lower Upper

146 100

111 36.6 26.4 49.0

148 66.0 44.0 81.8

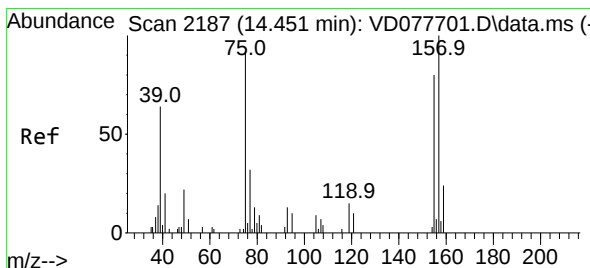
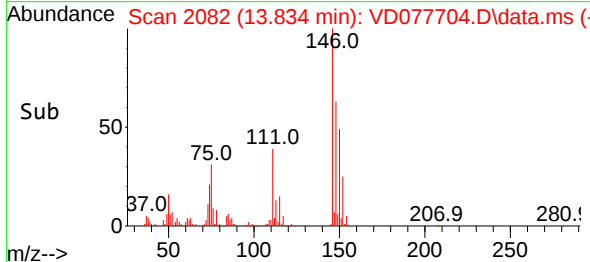
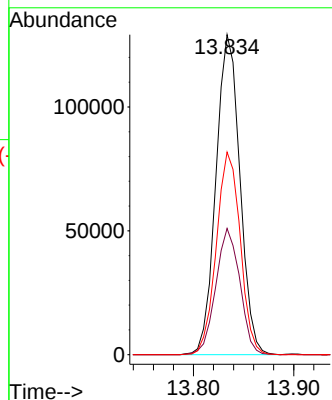
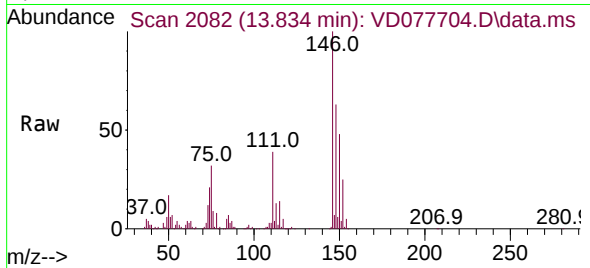




#67
1,2-Dichlorobenzene
Concen: 24.880 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

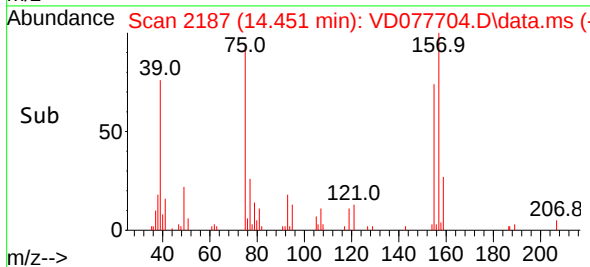
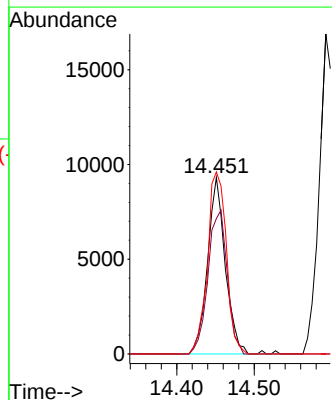
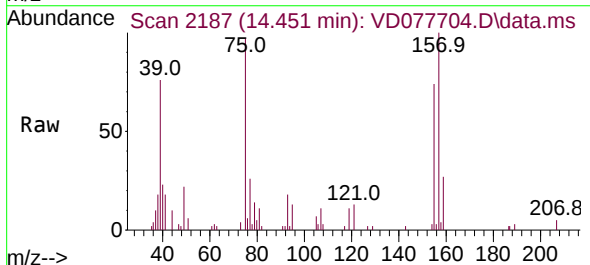
Instrument :
MSVOA_D
ClientSampleId :

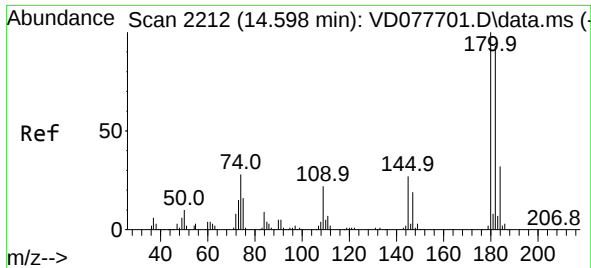
Tgt Ion:146 Resp: 214592
Ion Ratio Lower Upper
146 100
111 39.4 31.4 47.2
148 63.3 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 23.039 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD077704.D
Acq: 29 Nov 2023 17:16

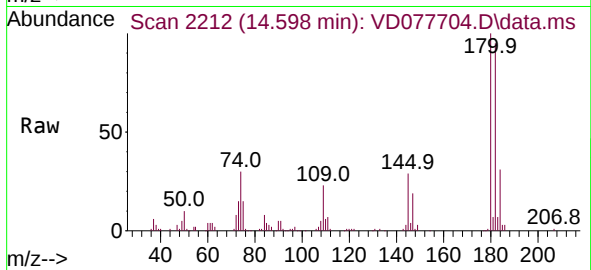
Tgt Ion: 75 Resp: 14838
Ion Ratio Lower Upper
75 100
155 76.7 69.2 103.8
157 103.2 86.6 130.0



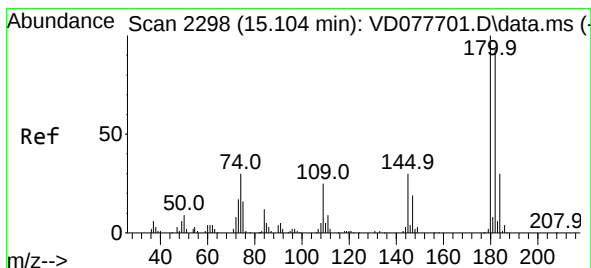
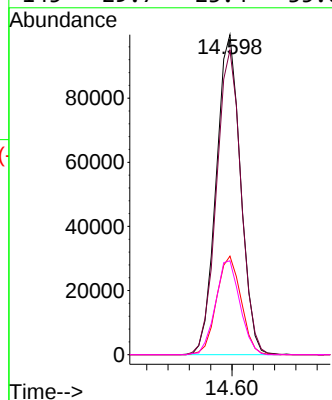
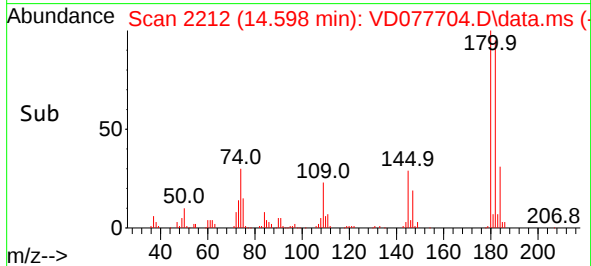


#69
 1,3,5-Trichlorobenzene
 Concen: 24.211 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077704.D
 Acq: 29 Nov 2023 17:16

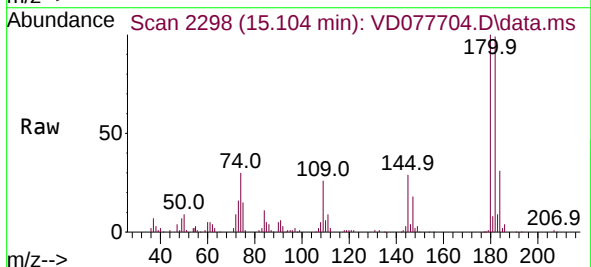
Instrument :
 MSVOA_D
 ClientSampleId :



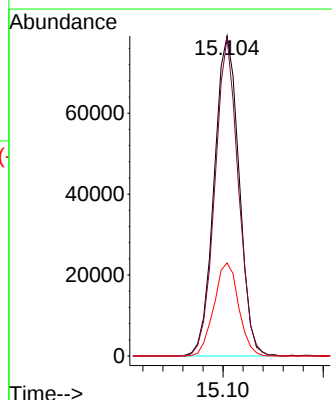
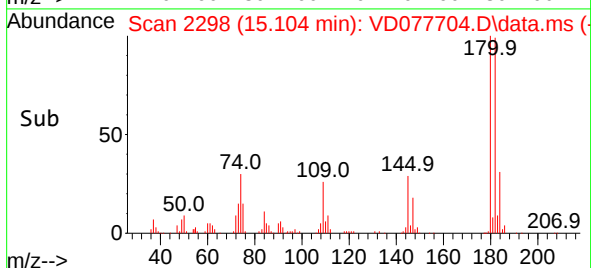
Tgt Ion:180 Resp: 158021
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.0 115.4
 184 30.9 24.3 36.5
 145 29.7 23.4 35.0

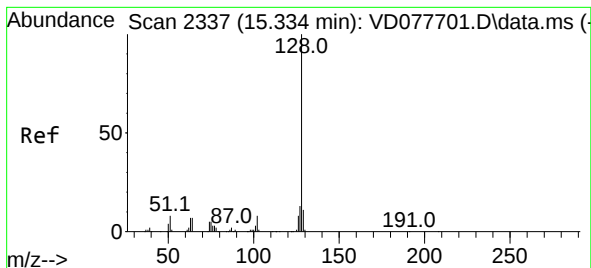


#70
 1,2,4-trichlorobenzene
 Concen: 24.483 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077704.D
 Acq: 29 Nov 2023 17:16



Tgt Ion:180 Resp: 135656
 Ion Ratio Lower Upper
 180 100
 182 93.9 77.0 115.6
 145 28.9 23.9 35.9





#71

Naphthalene

Concen: 25.537 ug/L

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

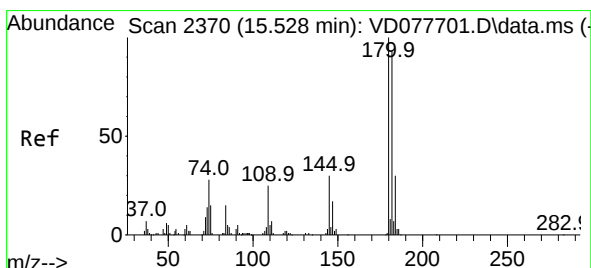
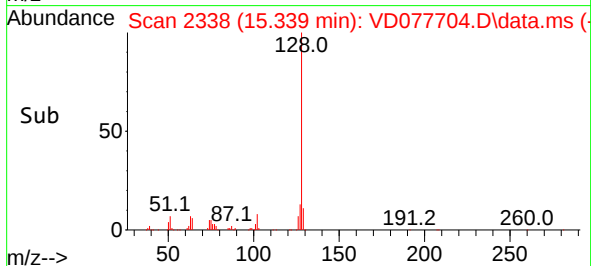
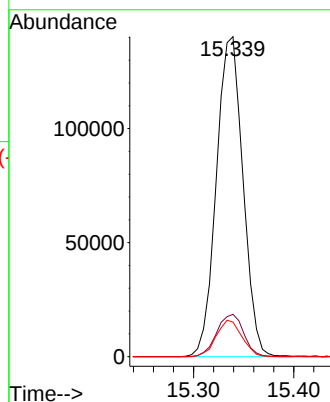
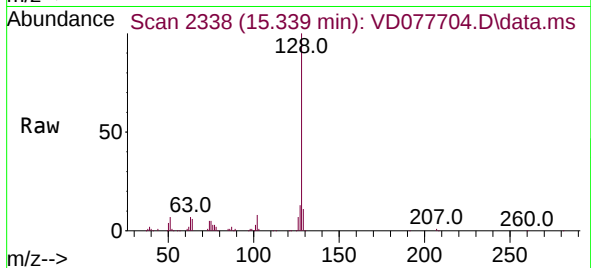
Tgt Ion:128 Resp: 258682

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 24.910 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. -0.000 min

Lab File: VD077704.D

Acq: 29 Nov 2023 17:16

Tgt Ion:180 Resp: 120999

Ion Ratio Lower Upper

180 100

182 93.4 77.3 115.9

145 30.1 25.2 37.8

