

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077701.D
 Acq On : 29 Nov 2023 15:29
 Operator : JC/SY
 Sample : VSTD025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 23:55:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Nov 29 23:54:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	324675	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	298239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	150889	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	191419	22.813	ug/L	0.00
7) Chloroethane-d5	2.805	69	148535	22.784	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.922	65	46542	18.741	ug/L	0.00
21) 2-Butanone-d5	6.987	46	45226	33.267	ug/L	0.00
24) Chloroform-d	7.569	84	193301	21.023	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.234	65	98382	20.176	ug/L	0.00
32) Benzene-d6	8.205	84	404101	21.283	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	120999	19.827	ug/L	0.00
41) Toluene-d8	10.269	98	379524	21.927	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	53159	20.093	ug/L	0.00
47) 2-Hexanone-d5	10.875	63	40201	37.077	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84028	20.512	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	116790	22.019	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	119577	22.873	ug/L	100
3) Chloromethane	2.152	50	173622	23.110	ug/L	100
5) Vinyl chloride	2.287	62	217672	25.164	ug/L	100
6) Bromomethane	2.699	94	107804	23.779	ug/L	100
8) Chloroethane	2.840	64	135560	25.272	ug/L	100
9) Trichlorofluoromethane	3.181	101	178146	23.148	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	108286	22.851	ug/L	100
12) 1,1-Dichloroethene	3.952	96	101288	22.177	ug/L	100
13) Acetone	4.022	43	66745	44.779	ug/L	100
14) Carbon disulfide	4.275	76	371935	22.501	ug/L	100
15) Methyl Acetate	4.564	43	26571	11.155	ug/L	# 70
16) Methylene chloride	4.811	84	115089	21.109	ug/L	100
17) trans-1,2-Dichloroethene	5.322	96	107113	22.309	ug/L	100
18) Methyl tert-butyl Ether	5.322	73	225120	20.282	ug/L	100
19) 1,1-Dichloroethane	6.116	63	200815	21.092	ug/L	100
20) cis-1,2-Dichloroethene	7.081	96	116355	22.325	ug/L	100
22) 2-Butanone	7.087	43	73226	40.958	ug/L	100
23) Bromochloromethane	7.434	128	47135	22.343	ug/L	100
25) Chloroform	7.599	83	195889	22.228	ug/L	100
27) 1,2-Dichloroethane	8.328	62	121836	20.975	ug/L	100
29) Cyclohexane	7.881	56	191065	20.352	ug/L	100
30) 1,1,1-Trichloroethane	7.799	97	169337	22.032	ug/L	100
31) Carbon tetrachloride	7.993	117	153451	23.057	ug/L	100
33) Benzene	8.252	78	456410	22.405	ug/L	100
34) Trichloroethene	9.034	95	114410	22.625	ug/L	100
35) Methylcyclohexane	9.275	83	203229	22.297	ug/L	100
37) 1,2-Dichloropropane	9.304	63	119187	21.178	ug/L	100
38) Bromodichloromethane	9.587	83	140790	21.749	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	182591	21.151	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	121263	36.122	ug/L	100
42) Toluene	10.334	91	490375	22.827	ug/L	100
44) trans-1,3-Dichloropropene	10.557	75	152577	21.359	ug/L	100

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

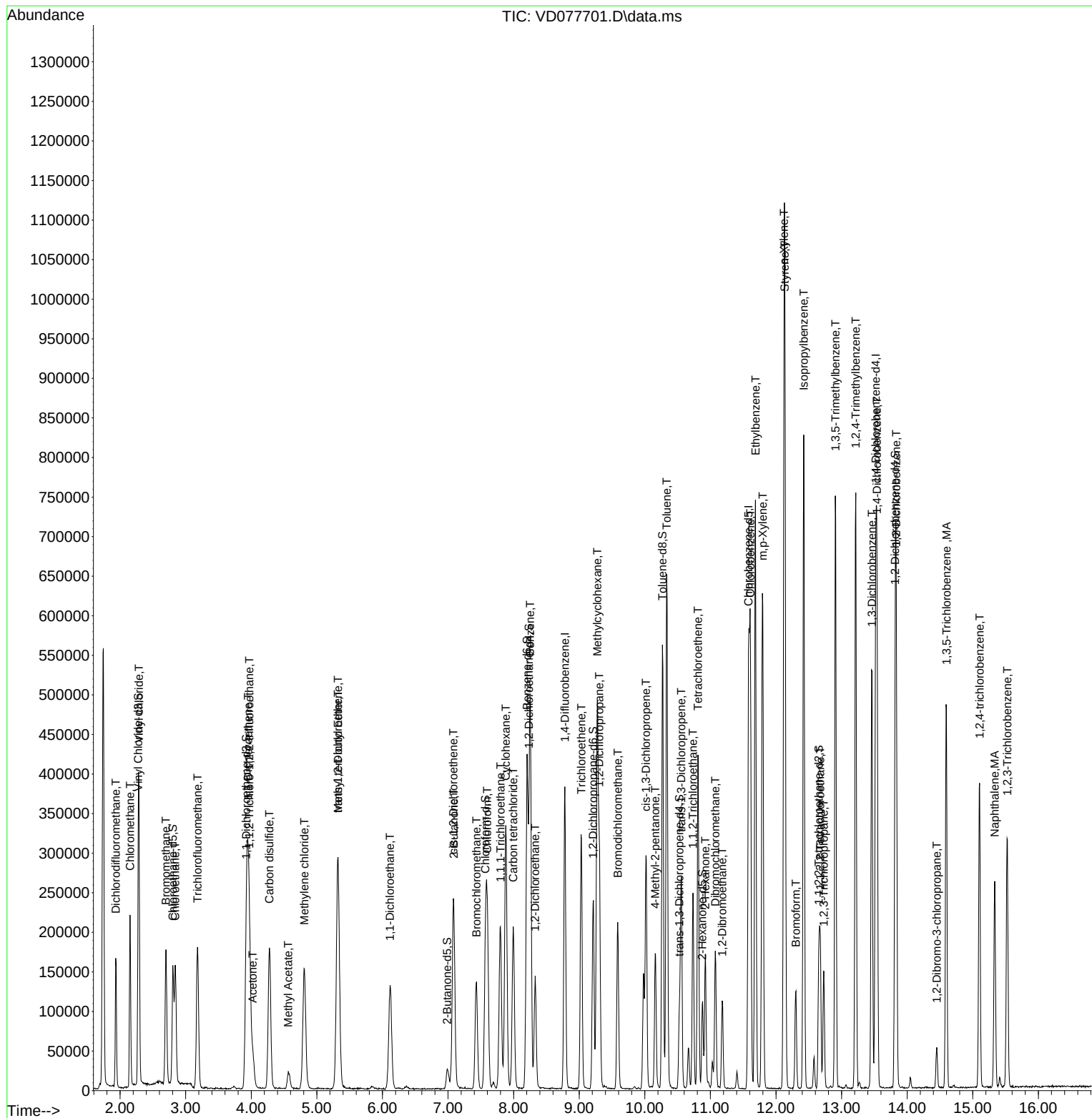
45) 1,1,2-Trichloroethane	10.734	97	77779	22.340	ug/L	100
46) Tetrachloroethene	10.810	164	90992	24.127	ug/L	100
48) 2-Hexanone	10.922	43	112960	41.486	ug/L	100
49) Dibromochloromethane	11.075	129	89523	22.525	ug/L	100
50) 1,2-Dibromoethane	11.181	107	73417	22.012	ug/L	100
51) Chlorobenzene	11.610	112	299212	23.591	ug/L	100
52) Ethylbenzene	11.687	91	536493	22.762	ug/L	100
53) m,p-Xylene	11.798	106	202874	23.496	ug/L	100
54) o-Xylene	12.122	106	195066	23.497	ug/L	100
55) Styrene	12.134	104	344744	23.738	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	89242	21.820	ug/L	100
59) Bromoform	12.304	173	55866	21.929	ug/L	100
60) Isopropylbenzene	12.422	105	535958	22.305	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	58960	18.866	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	401769	22.120	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	407545	22.124	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	224922	22.690	ug/L	100
65) 1,4-Dichlorobenzene	13.540	146	232371	23.108	ug/L	100
67) 1,2-Dichlorobenzene	13.834	146	202075	22.892	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	13316	19.443	ug/L	100
69) 1,3,5-Trichlorobenzene	14.598	180	150797	22.374	ug/L	100
70) 1,2,4-trichlorobenzene	15.104	180	123765	21.807	ug/L	100
71) Naphthalene	15.334	128	223393	20.933	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	108326	22.254	ug/L	100

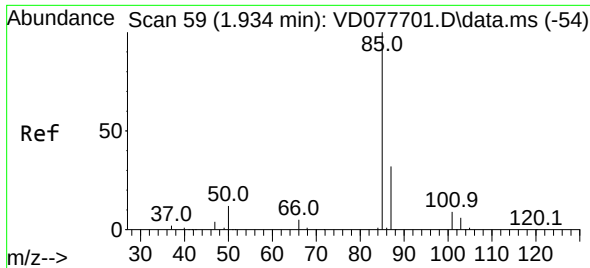
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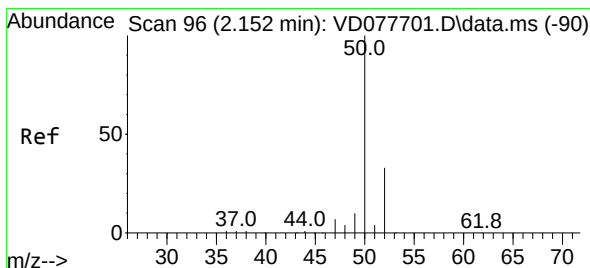
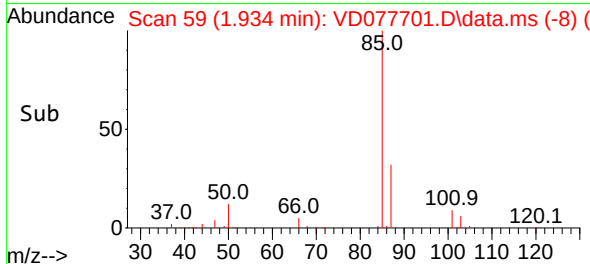
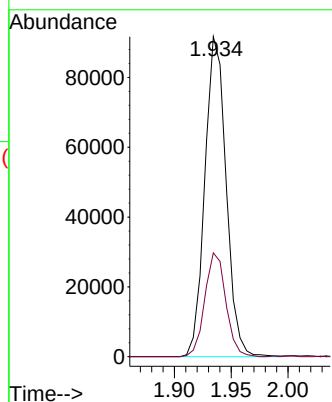
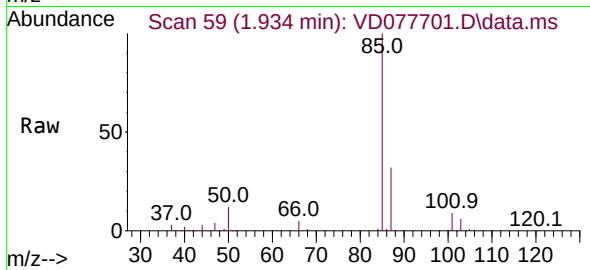




#2
Dichlorodifluoromethane
Concen: 22.873 ug/L
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

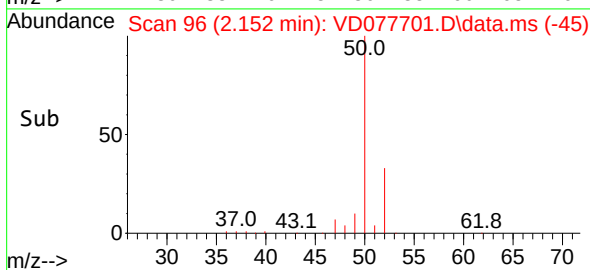
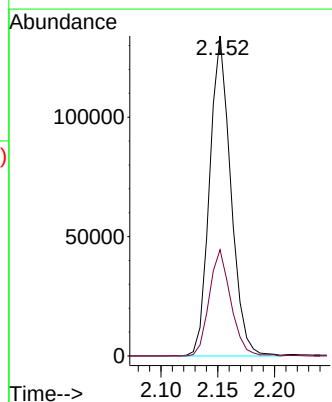
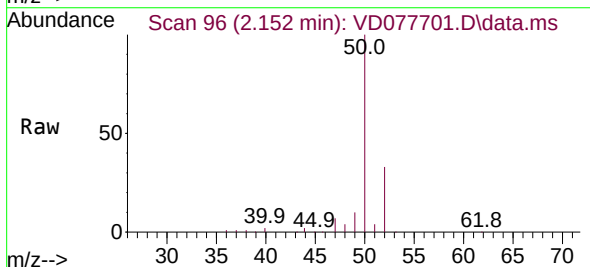
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MSVOA_D
ClientSampleId :

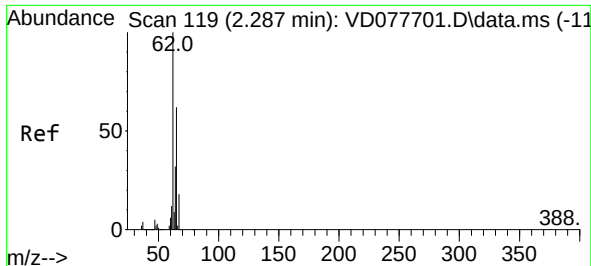
Tgt Ion: 85 Resp: 119577
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4



#3
Chloromethane
Concen: 23.110 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 50 Resp: 173622
Ion Ratio Lower Upper
50 100
52 33.2 23.2 43.2

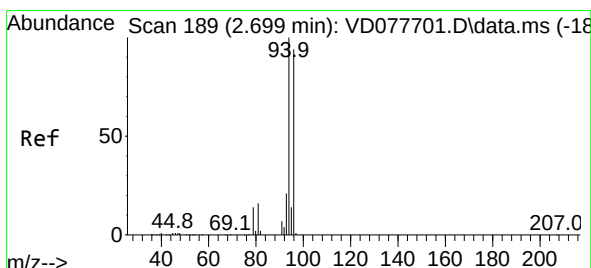
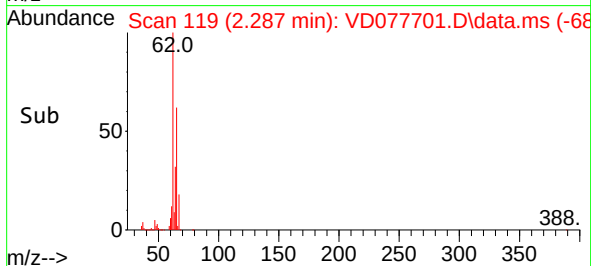
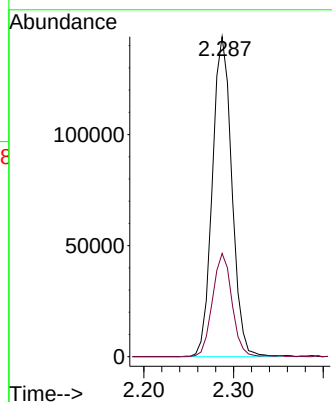
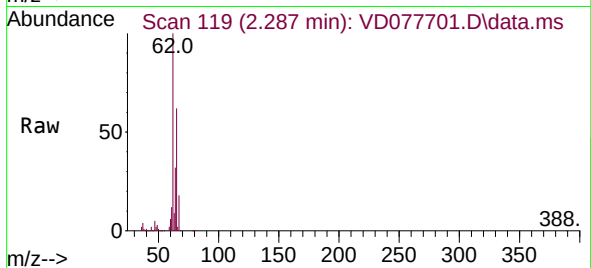




#5
 Vinyl chloride
 Concen: 25.164 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

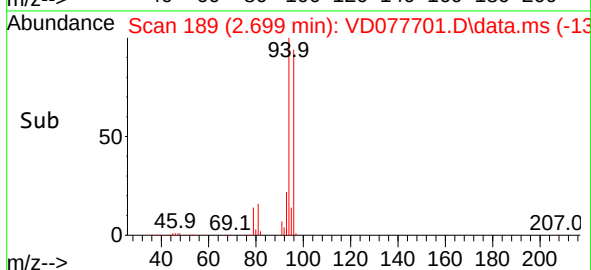
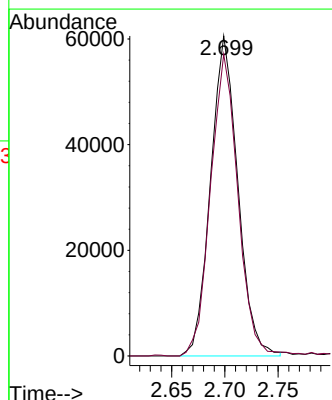
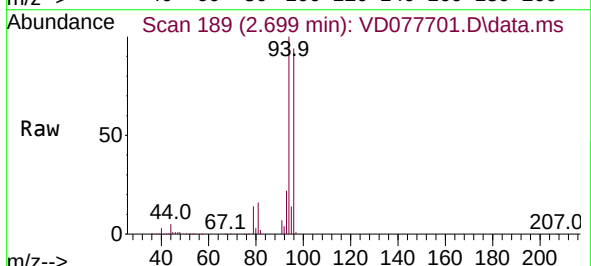
Instrument :
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 ClientSampleId :

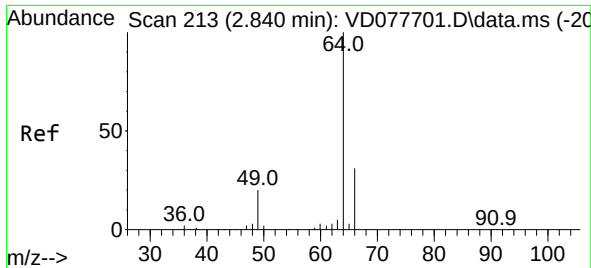
Tgt Ion: 62 Resp: 217672
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.6 42.0



#6
 Bromomethane
 Concen: 23.779 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

Tgt Ion: 94 Resp: 107804
 Ion Ratio Lower Upper
 94 100
 96 94.3 66.0 122.6

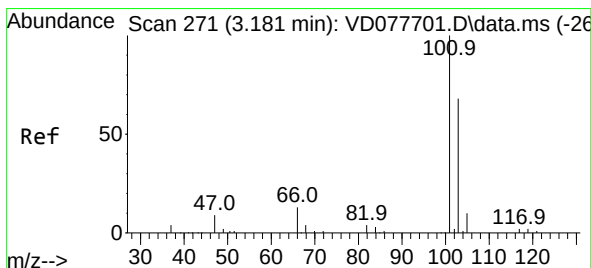
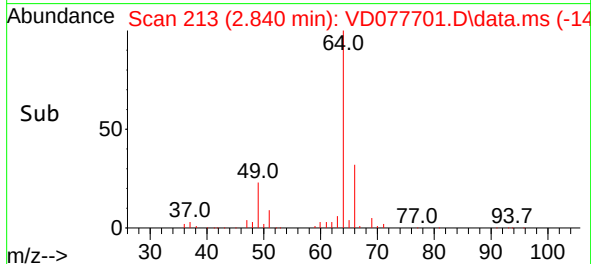
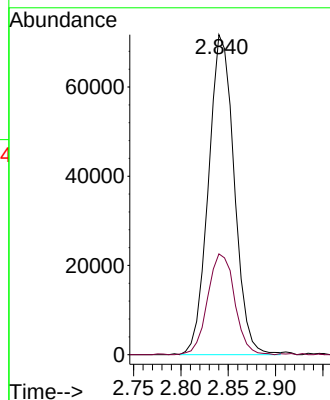
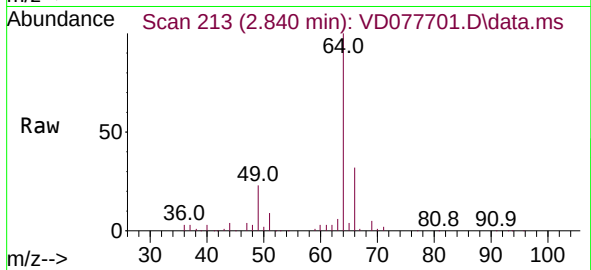




#8
Chloroethane
Concen: 25.272 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

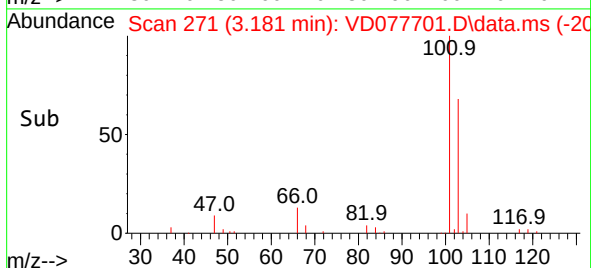
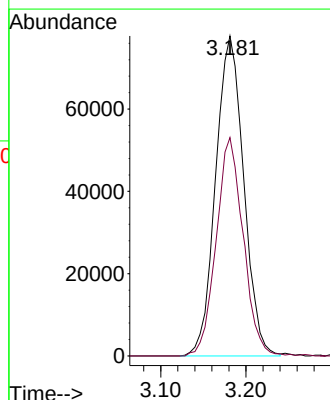
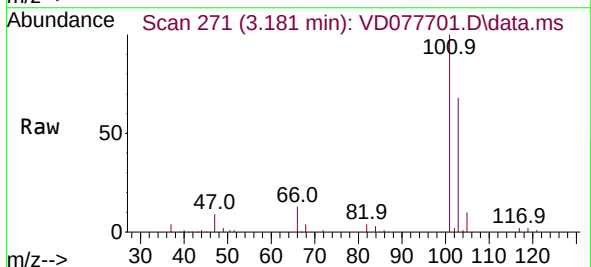
Instrument :
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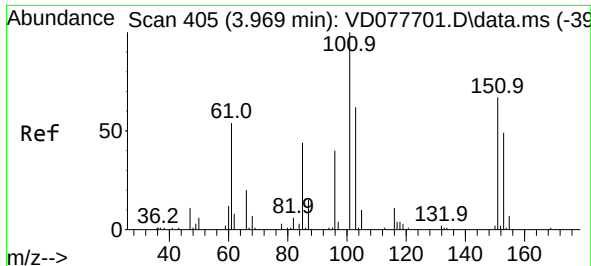
Tgt Ion: 64 Resp: 135560
Ion Ratio Lower Upper
64 100
66 31.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 23.148 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:101 Resp: 178146
Ion Ratio Lower Upper
101 100
103 65.6 52.5 78.7

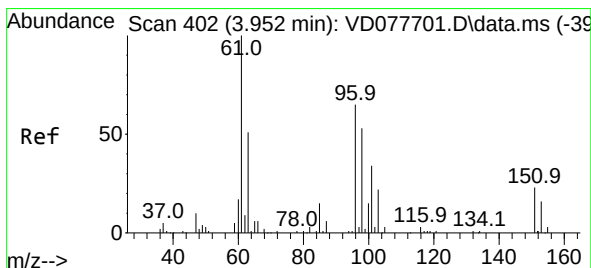
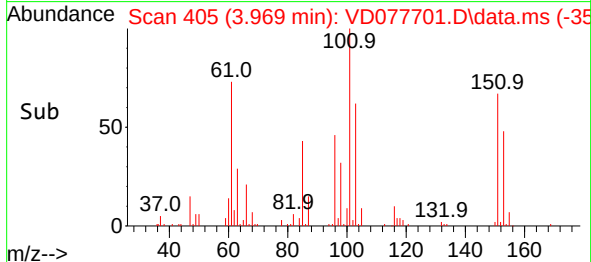
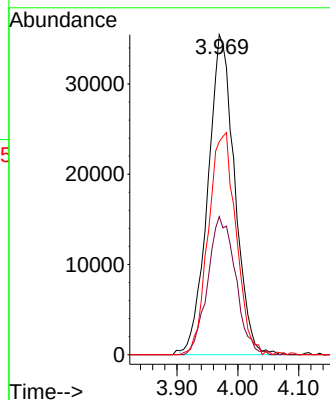
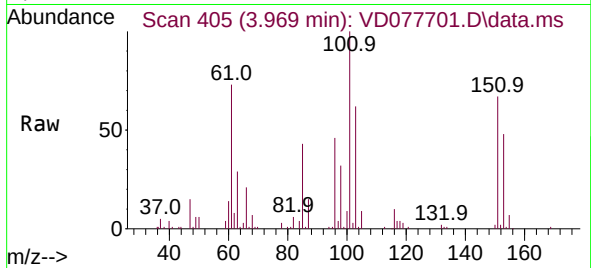




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.851 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

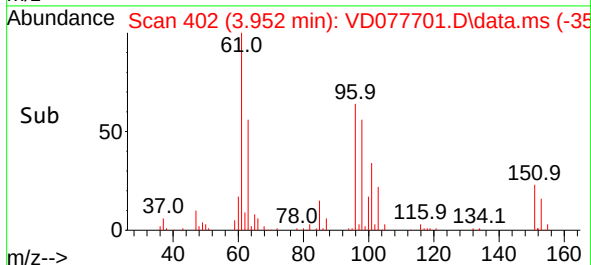
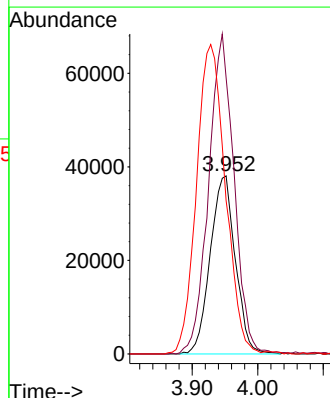
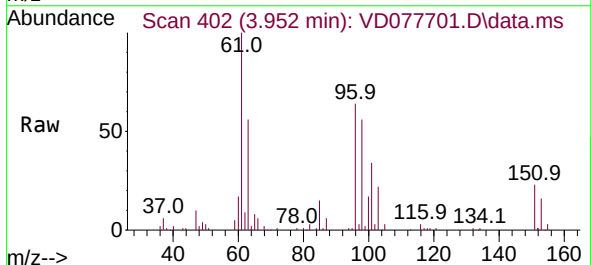
Instrument :
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 ClientSampleId :

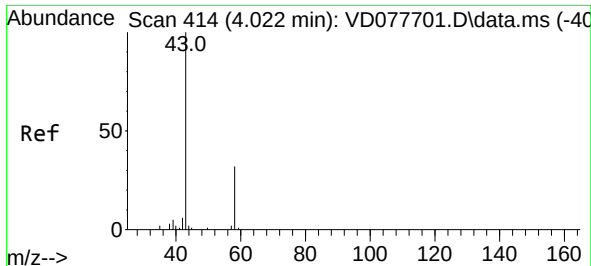
Tgt Ion:101 Resp: 108286
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 71.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 22.177 ug/L
 RT: 3.952 min Scan# 402
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

Tgt Ion: 96 Resp: 101288
 Ion Ratio Lower Upper
 96 100
 61 155.1 108.6 201.6
 63 86.1 60.3 111.9





#13

Acetone

Concen: 44.779 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

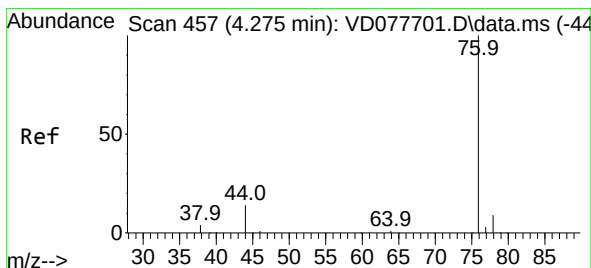
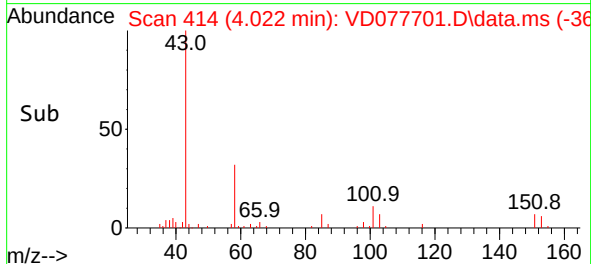
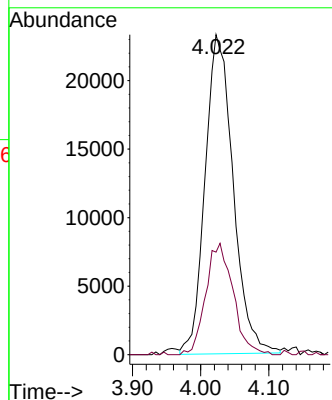
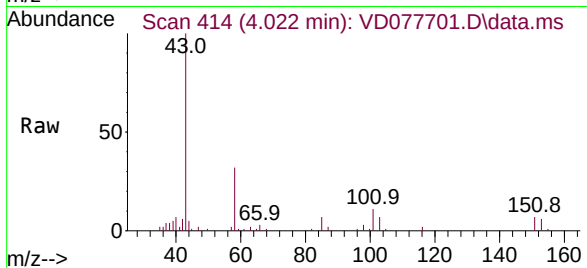
ClientSampleId :

Tgt Ion: 43 Resp: 66745

Ion Ratio Lower Upper

43 100

58 33.6 0.0 67.2



#14

Carbon disulfide

Concen: 22.501 ug/L

RT: 4.275 min Scan# 457

Delta R.T. 0.000 min

Lab File: VD077701.D

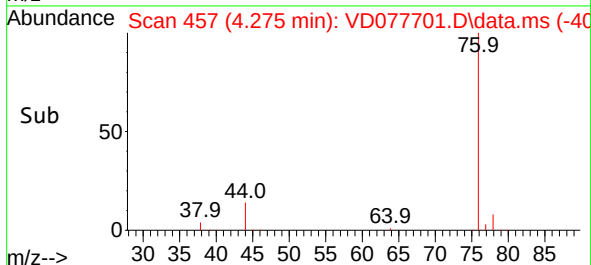
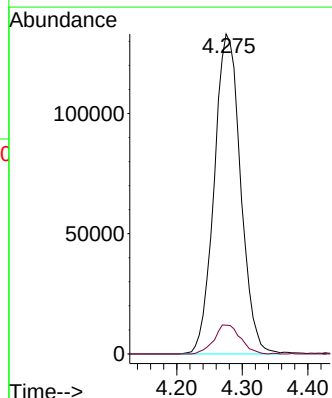
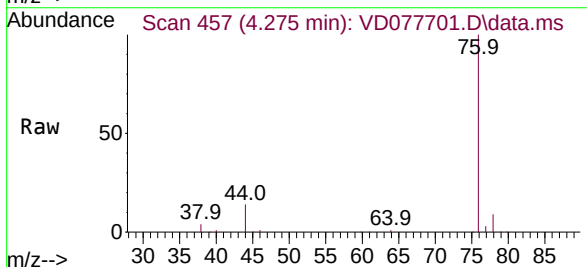
Acq: 29 Nov 2023 15:29

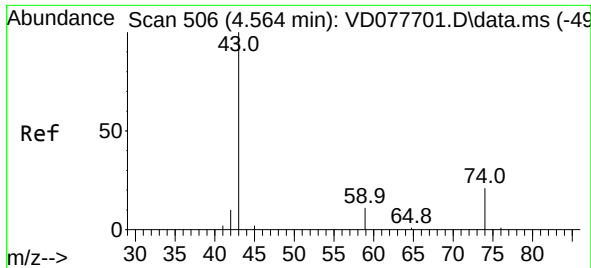
Tgt Ion: 76 Resp: 371935

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

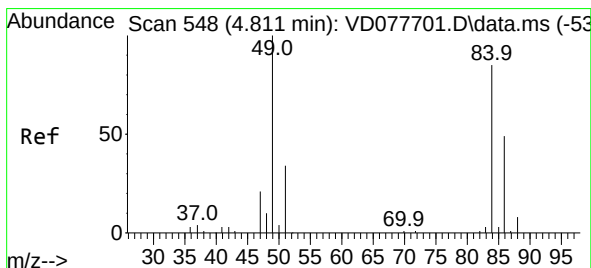
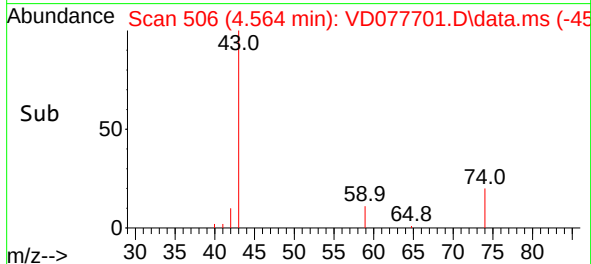
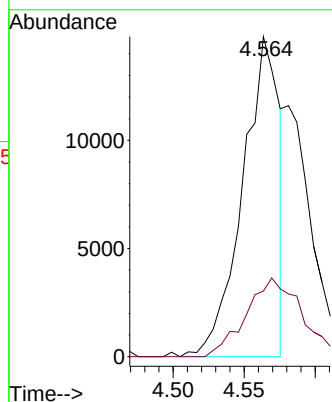
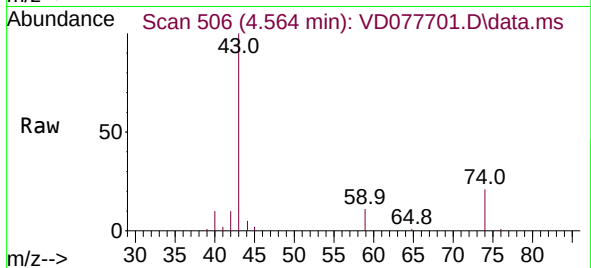




#15
Methyl Acetate
Concen: 11.155 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

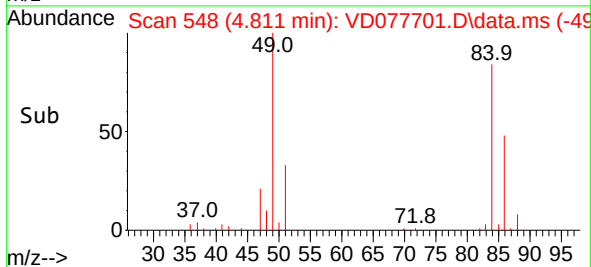
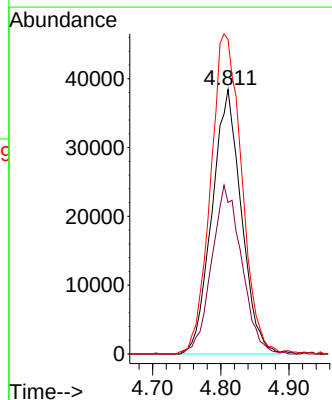
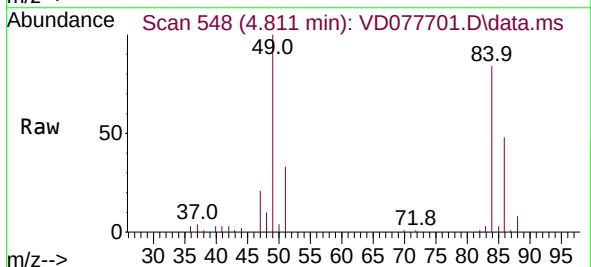
Instrument :
MSVOA_D
ClientSampleId :

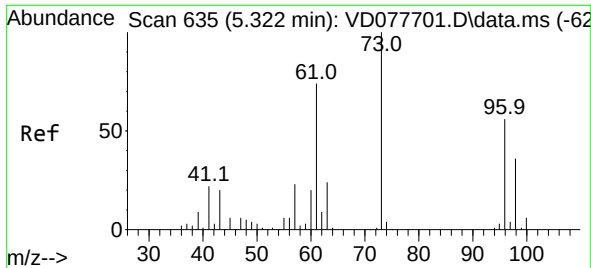
Tgt Ion: 43 Resp: 26571
Ion Ratio Lower Upper
43 100
74 37.8 18.6 27.8#



#16
Methylene chloride
Concen: 21.109 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 84 Resp: 115089
Ion Ratio Lower Upper
84 100
86 57.3 40.1 74.5
49 118.9 83.2 154.6



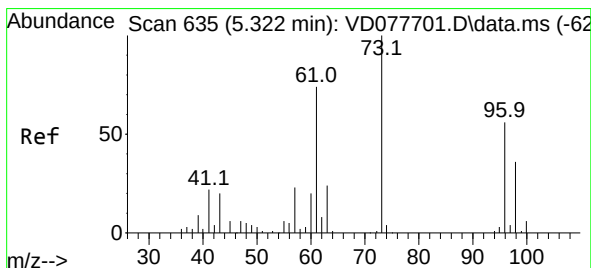
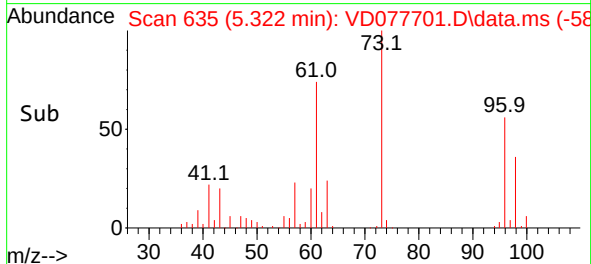
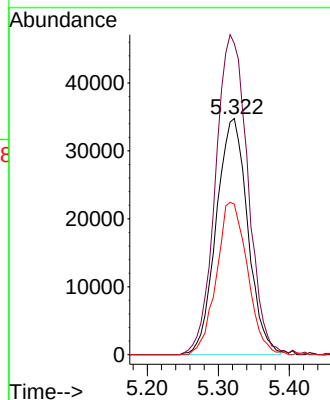
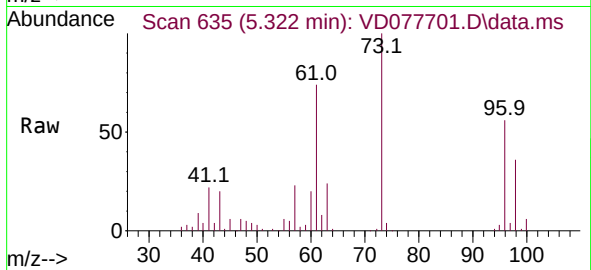


#17
 trans-1,2-Dichloroethene
 Concen: 22.309 ug/L
 RT: 5.322 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 107113

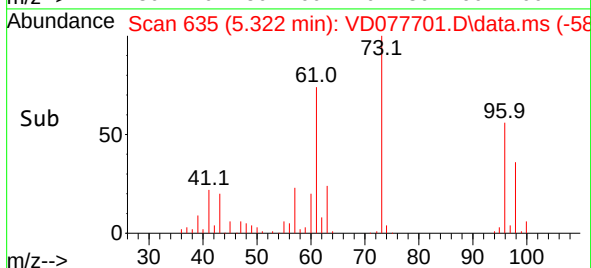
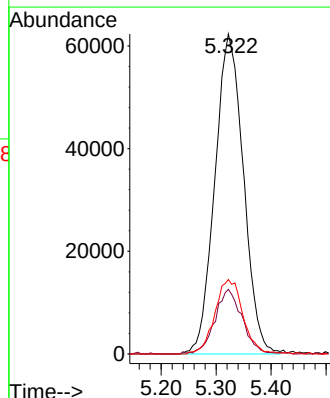
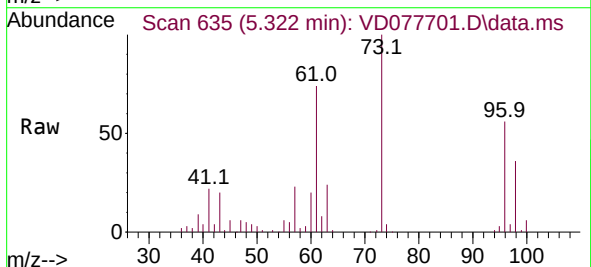
Ion	Ratio	Lower	Upper
96	100		
61	131.8	92.3	171.3
98	63.8	44.7	82.9

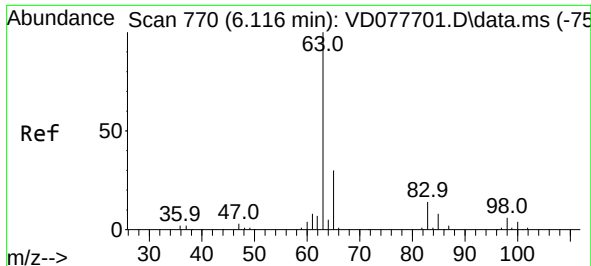


#18
 Methyl tert-butyl Ether
 Concen: 20.282 ug/L
 RT: 5.322 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

Tgt Ion: 73 Resp: 225120

Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.0	22.4
57	22.6	18.1	27.1

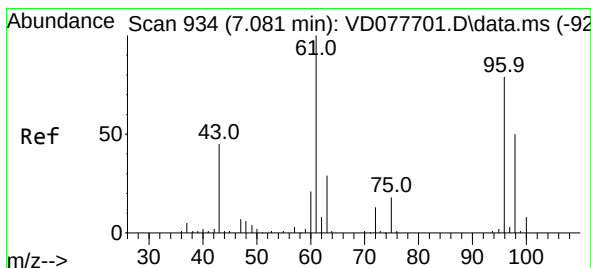
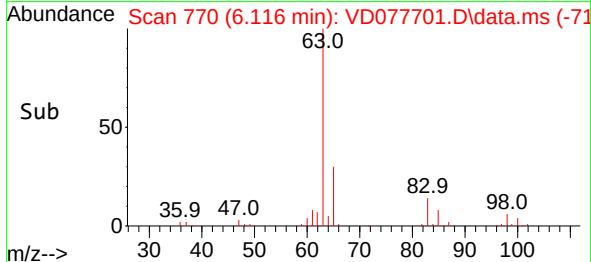
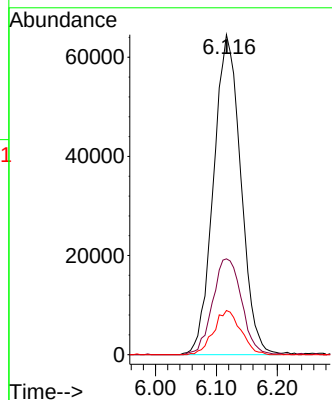
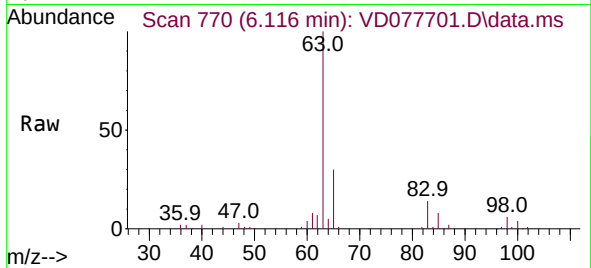




#19
1,1-Dichloroethane
Concen: 21.092 ug/L
RT: 6.116 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

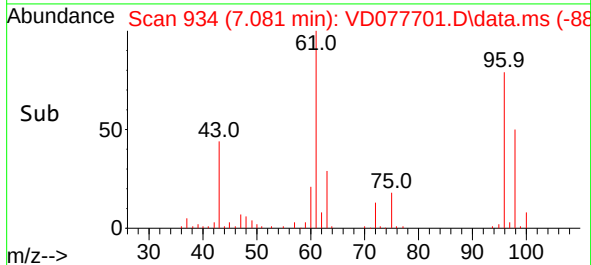
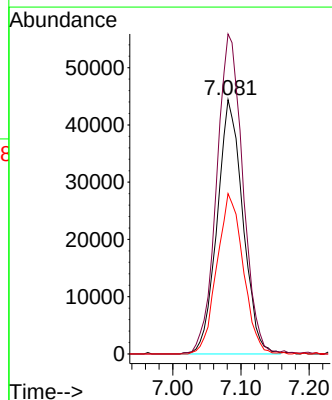
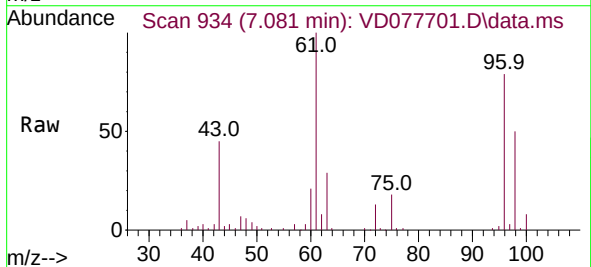
Instrument :
MSVOA_D
ClientSampleId :

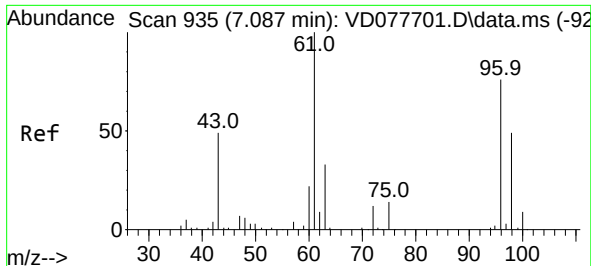
Tgt Ion: 63 Resp: 200815
Ion Ratio Lower Upper
63 100
65 29.9 20.9 38.9
83 13.8 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 22.325 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 96 Resp: 116355
Ion Ratio Lower Upper
96 100
61 125.8 88.1 163.5
98 63.0 44.1 81.9

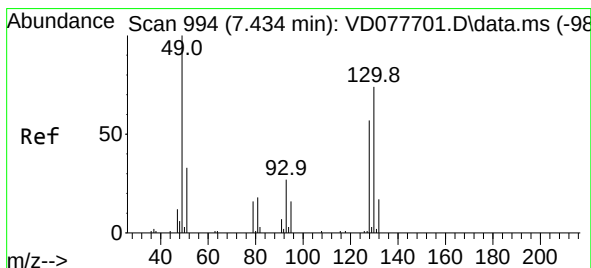
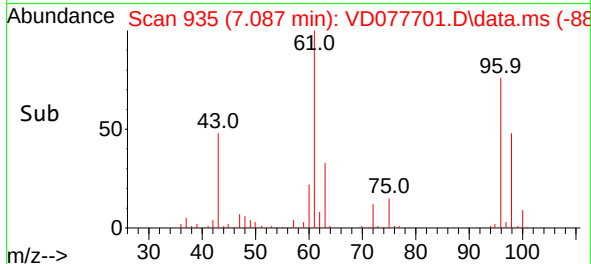
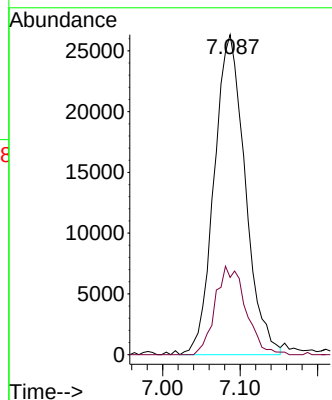
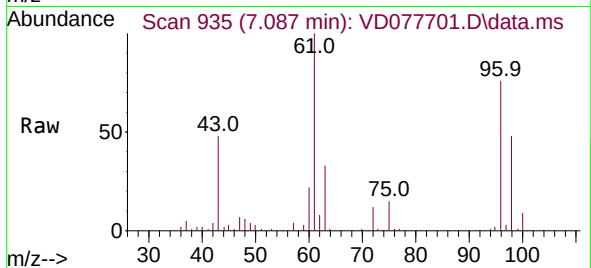




#22
2-Butanone
Concen: 40.958 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

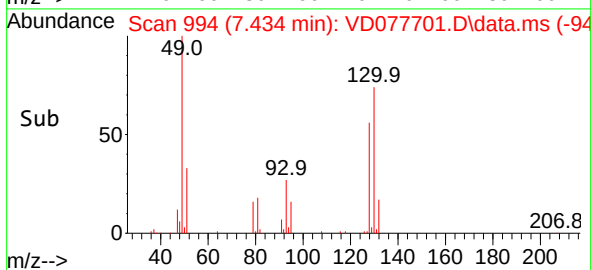
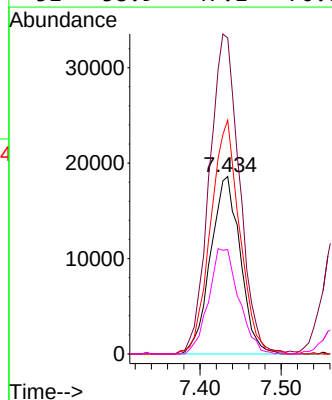
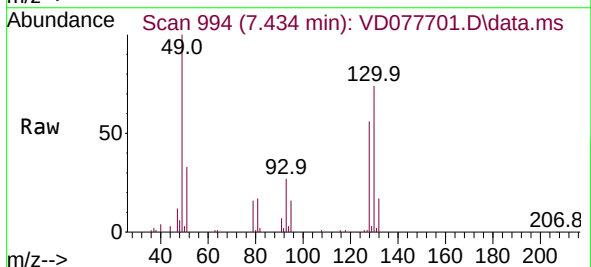
Instrument :
MSVOA_D
ClientSampleId :

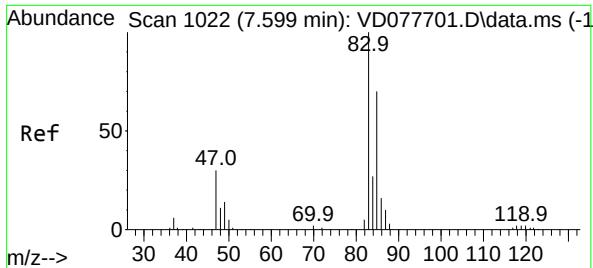
Tgt Ion: 43 Resp: 73226
Ion Ratio Lower Upper
43 100
72 14.4 7.2 21.6



#23
Bromochloromethane
Concen: 22.343 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:128 Resp: 47135
Ion Ratio Lower Upper
128 100
49 178.1 124.7 231.5
130 131.8 92.3 171.3
51 58.9 47.1 70.7

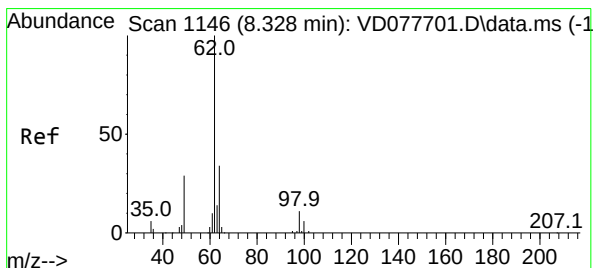
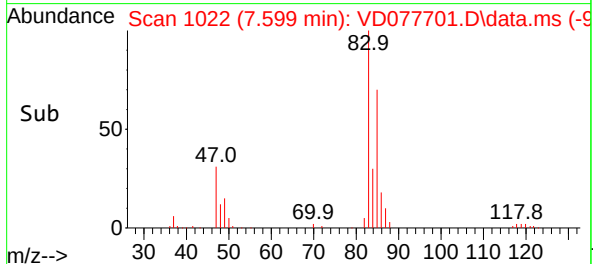
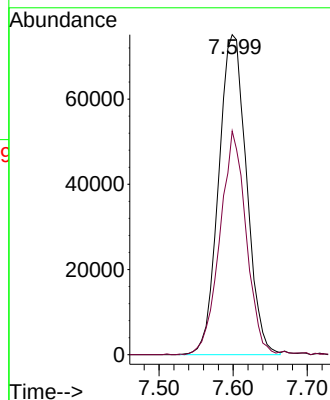
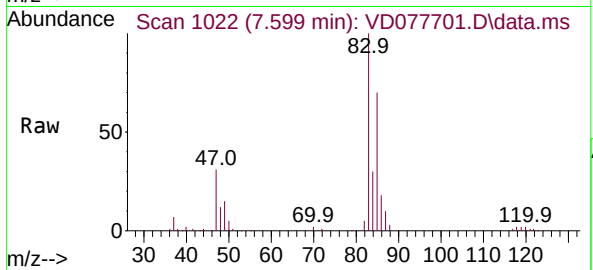




#25
Chloroform
Concen: 22.228 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

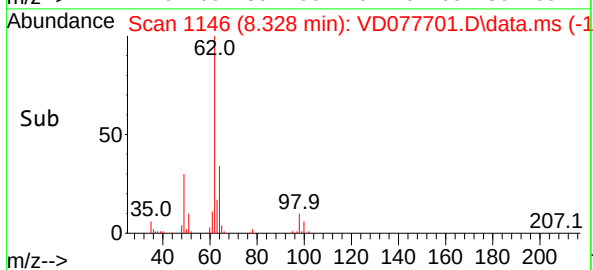
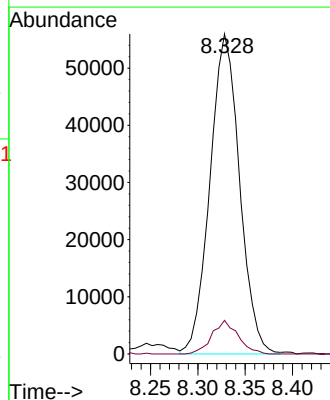
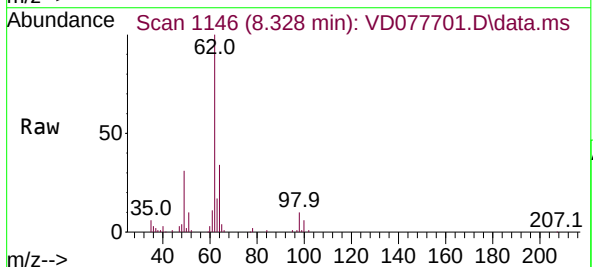
Instrument :
MSVOA_D
ClientSampleId :

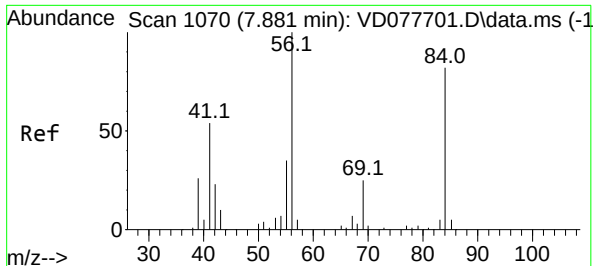
Tgt Ion: 83 Resp: 195889
Ion Ratio Lower Upper
83 100
85 69.9 48.9 90.9



#27
1,2-Dichloroethane
Concen: 20.975 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 62 Resp: 121836
Ion Ratio Lower Upper
62 100
98 10.5 8.4 12.6





#29

Cyclohexane

Concen: 20.352 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

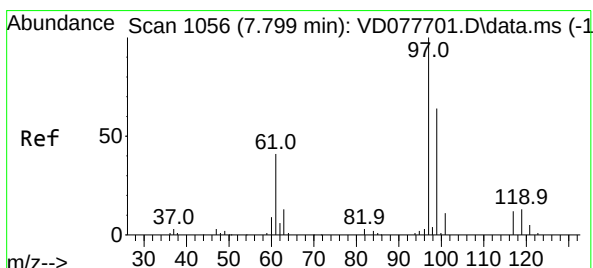
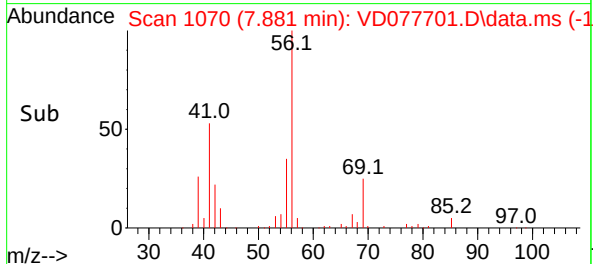
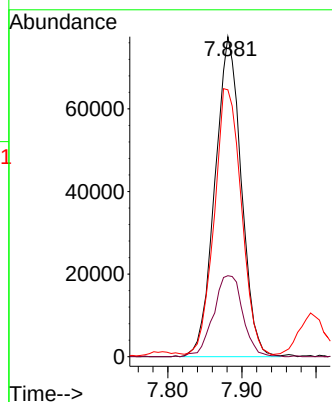
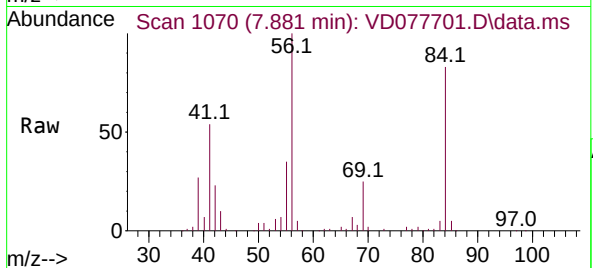
Tgt Ion: 56 Resp: 191065

Ion Ratio Lower Upper

56 100

69 27.8 22.2 33.4

84 85.6 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 22.032 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

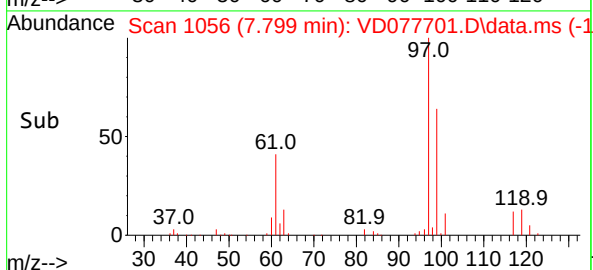
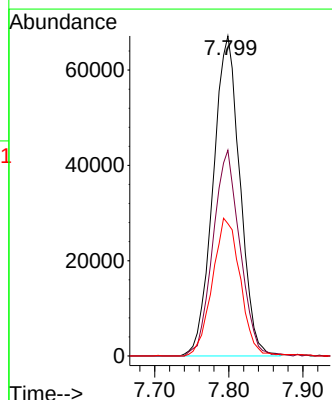
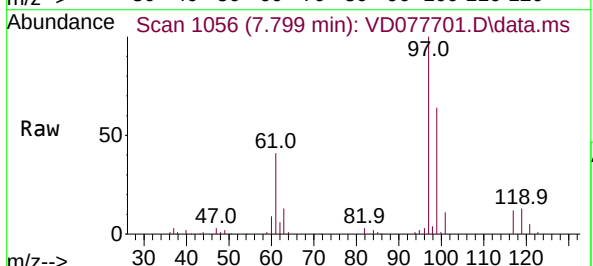
Tgt Ion: 97 Resp: 169337

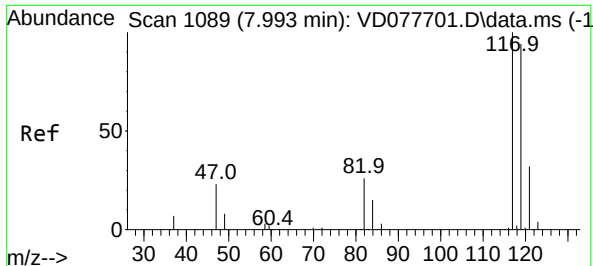
Ion Ratio Lower Upper

97 100

99 64.3 51.4 77.2

61 44.3 35.4 53.2

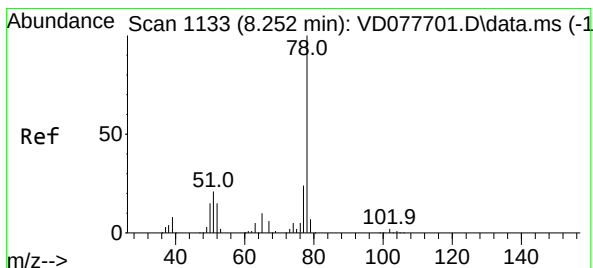
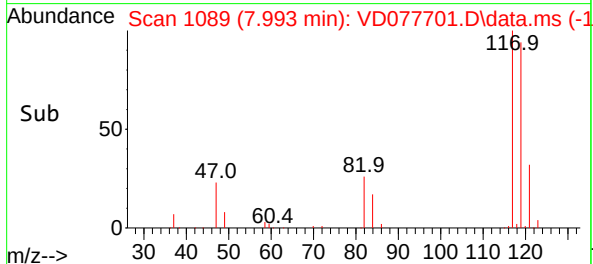
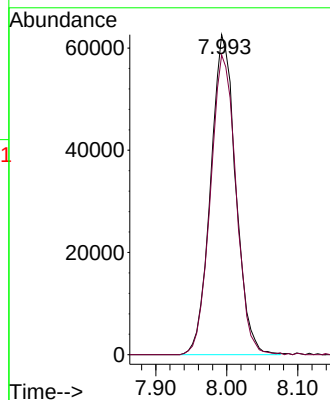
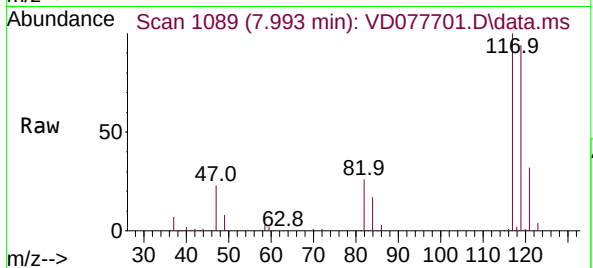




#31
Carbon tetrachloride
Concen: 23.057 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

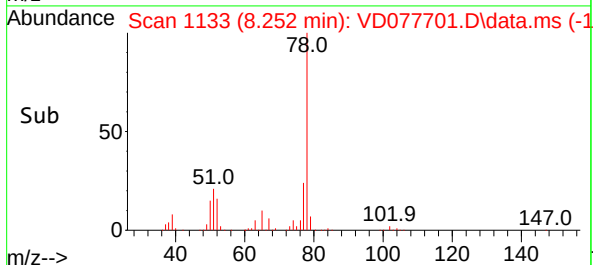
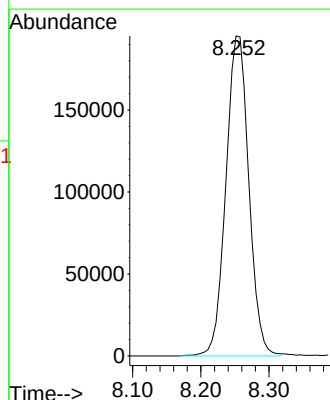
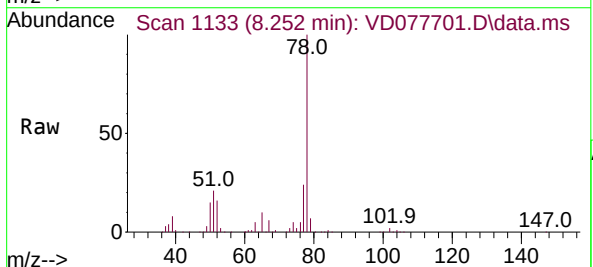
Instrument :
MSVOA_D
ClientSampleId :

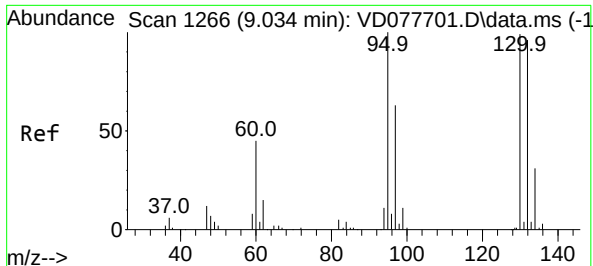
Tgt Ion:117 Resp: 153451
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 22.405 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 78 Resp: 456410

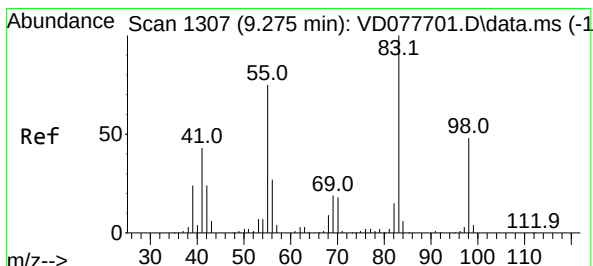
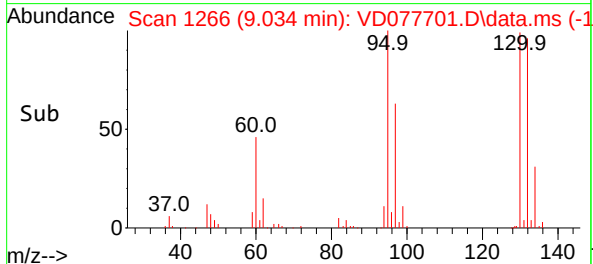
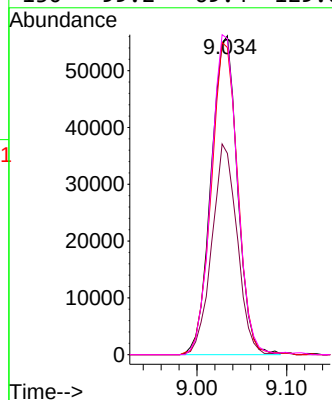
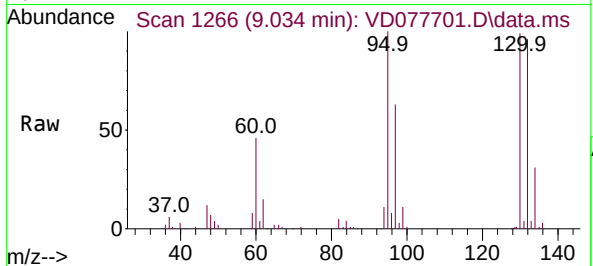




#34
Trichloroethene
Concen: 22.625 ug/L
RT: 9.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

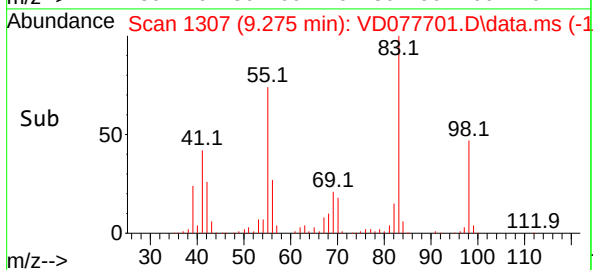
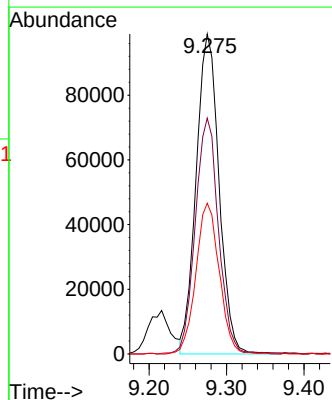
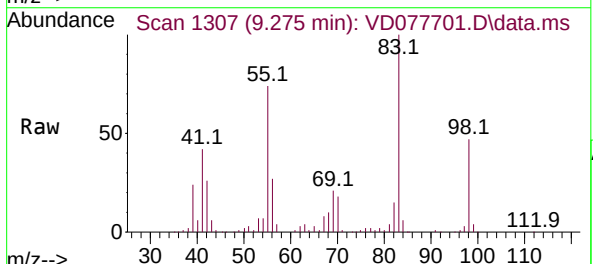
Instrument :
MSVOA_D
ClientSampleId :

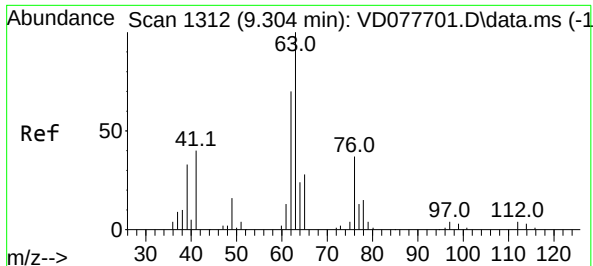
Tgt Ion: 95 Resp: 114410
Ion Ratio Lower Upper
95 100
97 63.1 44.2 82.0
132 96.4 67.5 125.3
130 99.2 69.4 129.0



#35
Methylcyclohexane
Concen: 22.297 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 83 Resp: 203229
Ion Ratio Lower Upper
83 100
55 74.7 59.8 89.6
98 48.1 38.5 57.7





#37

1,2-Dichloropropane

Concen: 21.178 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

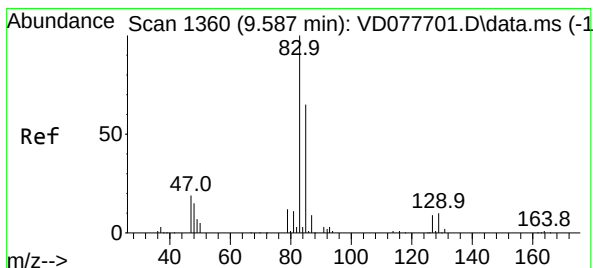
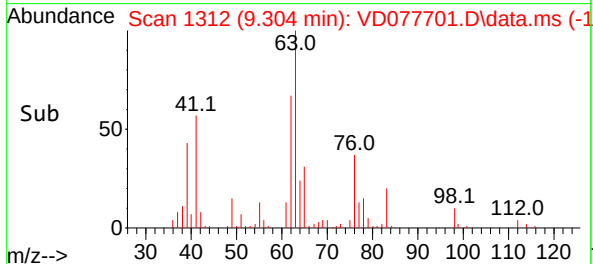
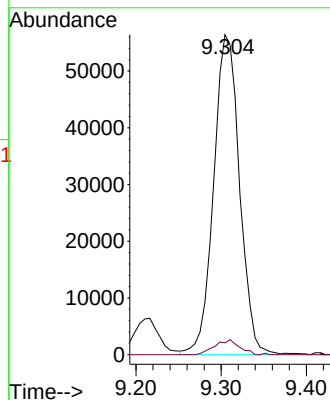
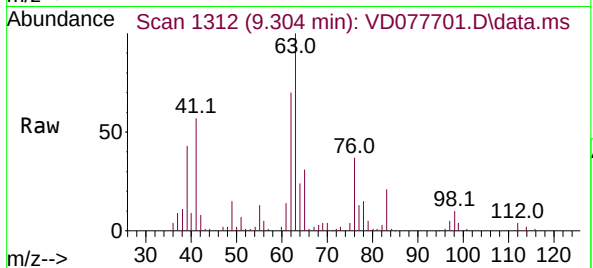
ClientSampleId :

Tgt Ion: 63 Resp: 119187

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 21.749 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

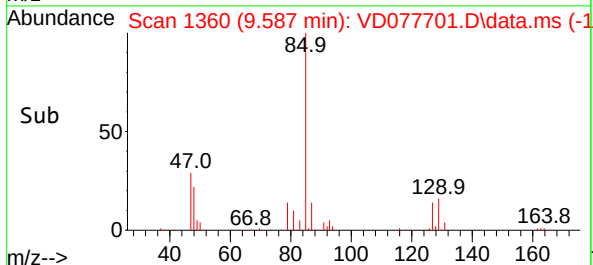
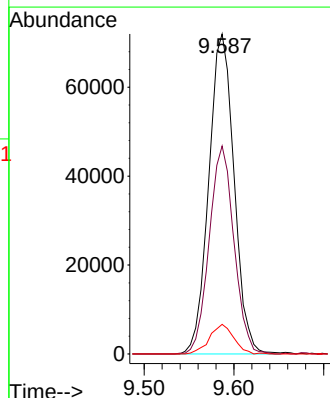
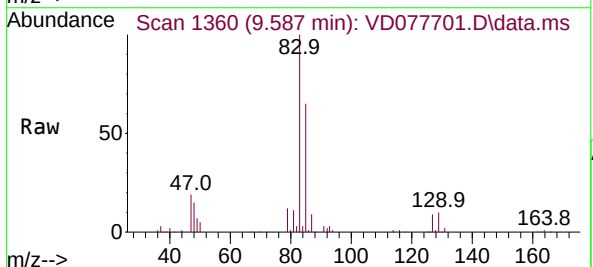
Tgt Ion: 83 Resp: 140790

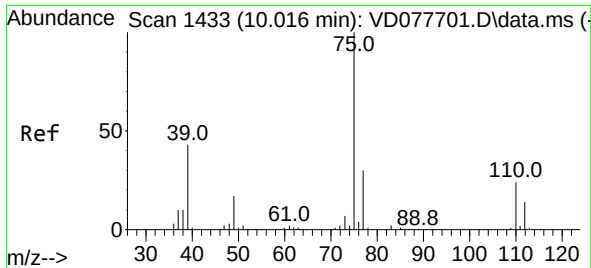
Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

127 9.3 7.4 11.2

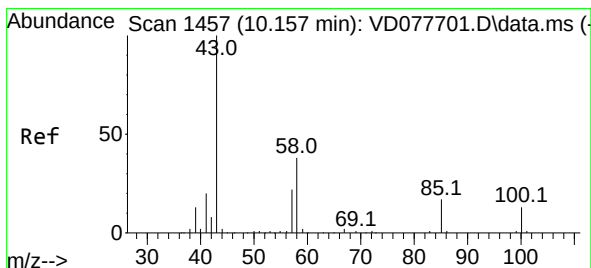
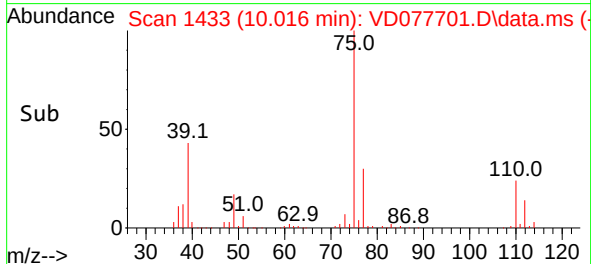
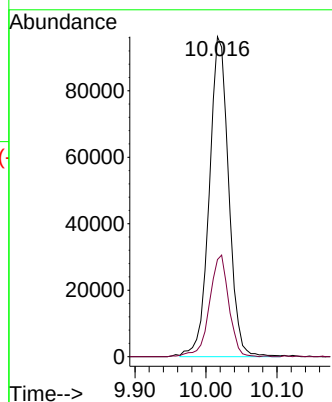
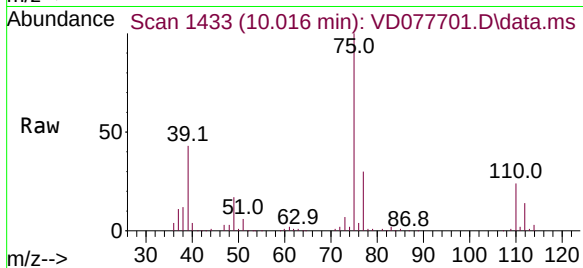




#39
 cis-1,3-Dichloropropene
 Concen: 21.151 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

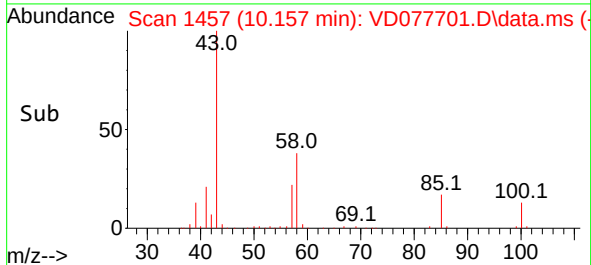
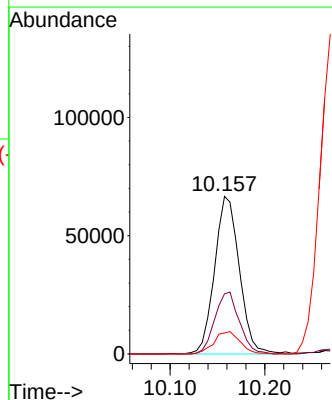
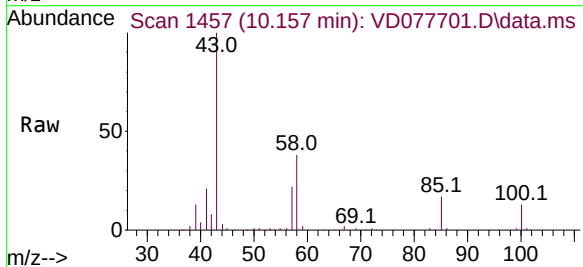
Instrument :
 MSVOA_D
 ClientSampleId :

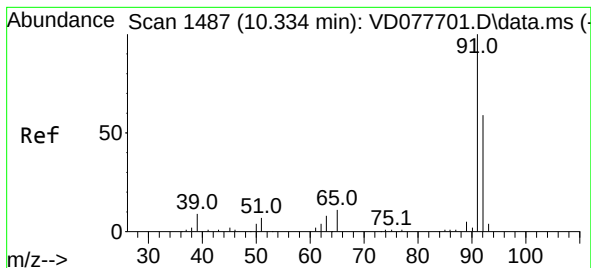
Tgt Ion: 75 Resp: 182591
 Ion Ratio Lower Upper
 75 100
 77 30.3 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 36.122 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD077701.D
 Acq: 29 Nov 2023 15:29

Tgt Ion: 43 Resp: 121263
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.0 46.4
 100 14.9 11.9 17.9





#42

Toluene

Concen: 22.827 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

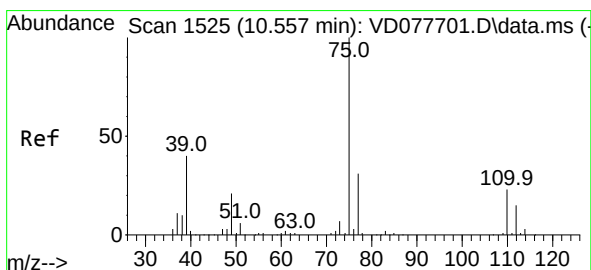
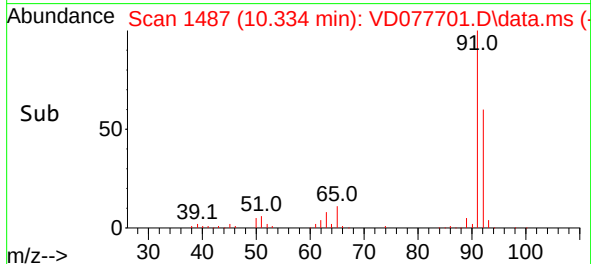
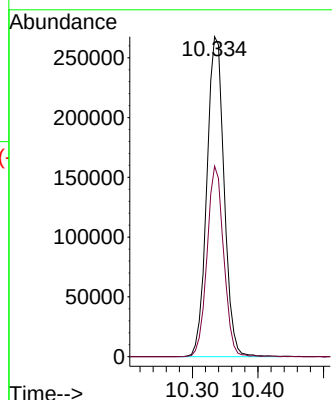
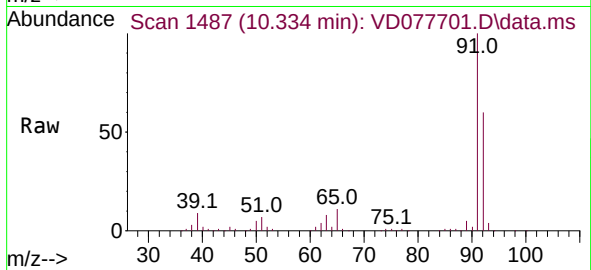
ClientSampleId :

Tgt Ion: 91 Resp: 490375

Ion Ratio Lower Upper

91 100

92 59.5 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 21.359 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD077701.D

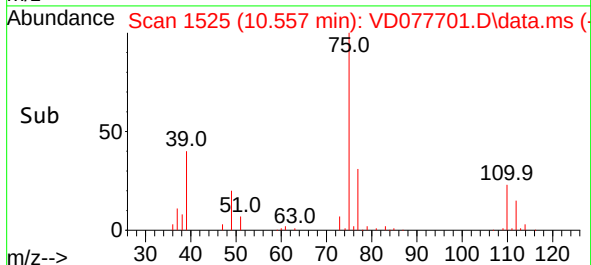
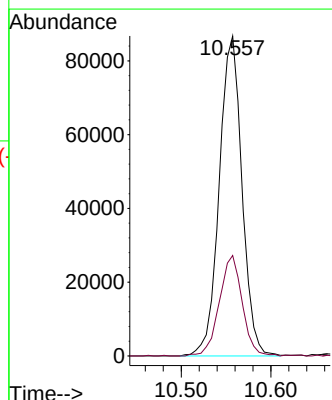
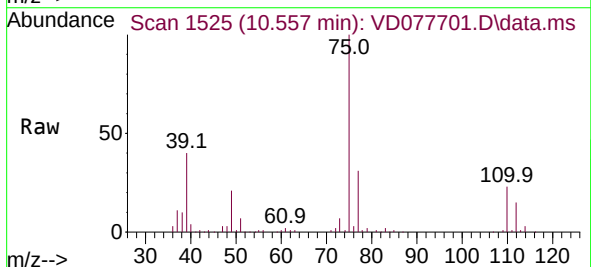
Acq: 29 Nov 2023 15:29

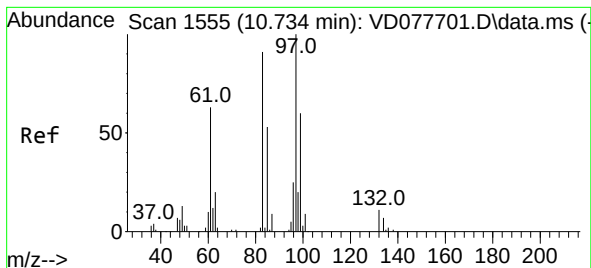
Tgt Ion: 75 Resp: 152577

Ion Ratio Lower Upper

75 100

77 31.4 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 22.340 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 77779

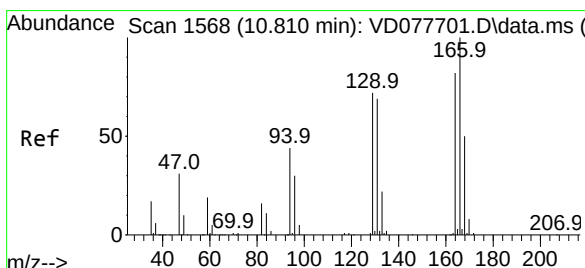
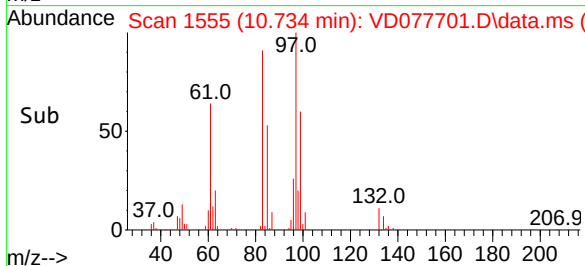
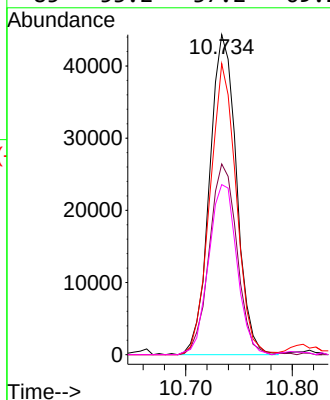
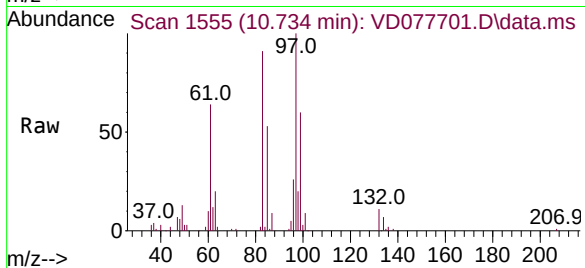
Ion Ratio Lower Upper

97 100

99 59.6 41.7 77.5

83 90.9 63.6 118.2

85 53.2 37.2 69.2



#46

Tetrachloroethene

Concen: 24.127 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Tgt Ion:164 Resp: 90992

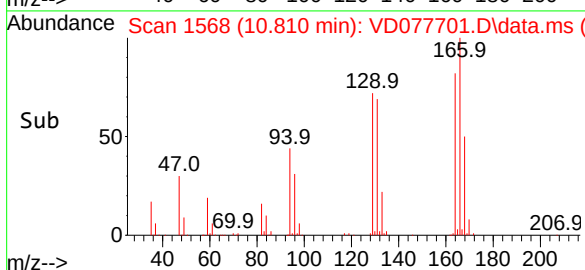
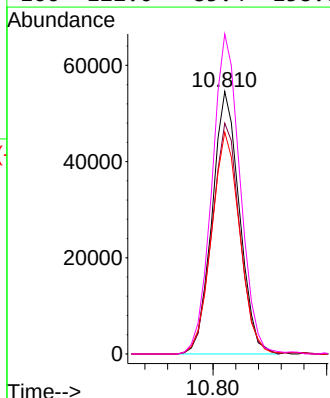
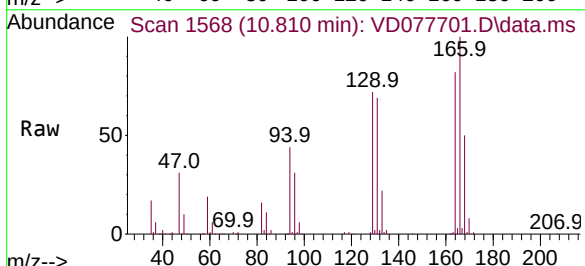
Ion Ratio Lower Upper

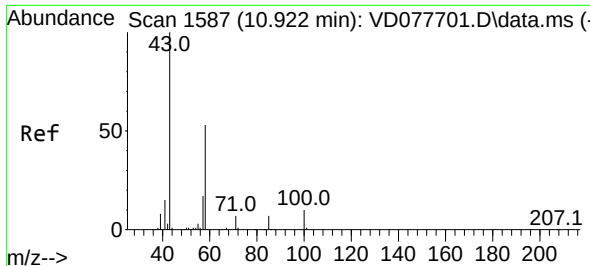
164 100

129 87.9 61.5 114.3

131 84.5 59.1 109.9

166 122.0 85.4 158.6

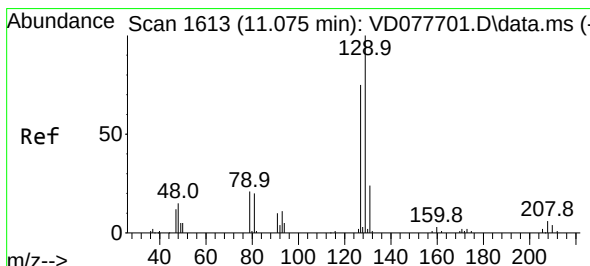
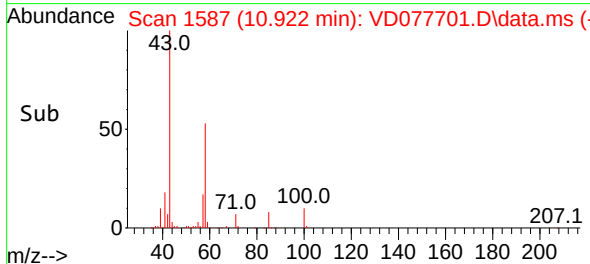
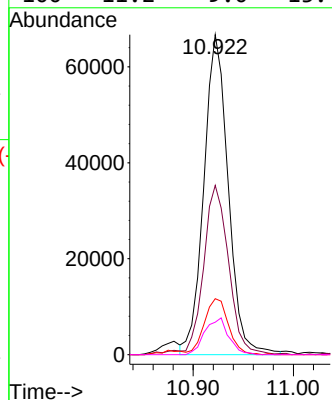
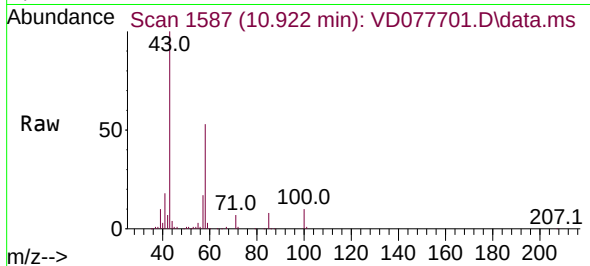




#48
2-Hexanone
Concen: 41.486 ug/L
RT: 10.922 min Scan# 112960
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

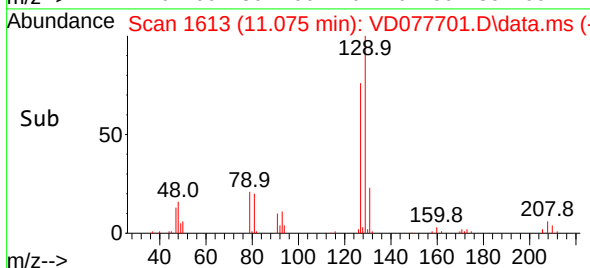
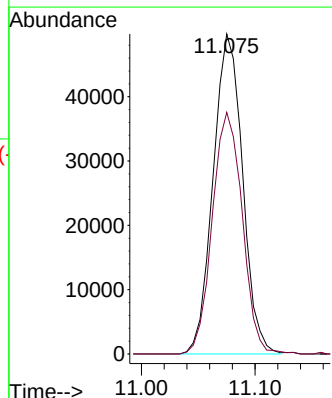
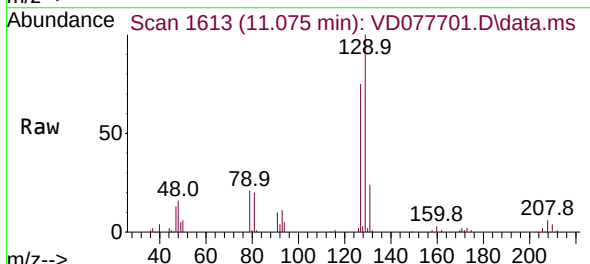
Instrument :
MSVOA_D
ClientSampleId :

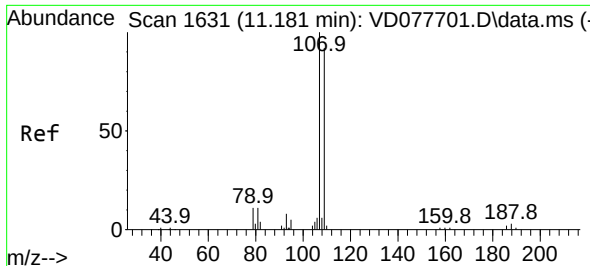
Tgt Ion: 43	Resp: 112960
Ion Ratio	Lower Upper
43 100	
58 53.8	43.0 64.6
57 17.3	13.8 20.8
100 11.2	9.0 13.4



#49
Dibromochloromethane
Concen: 22.525 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:129	Resp:	89523	
Ion	Ratio	Lower	Upper
129	100		
127	75.5	52.8	98.2

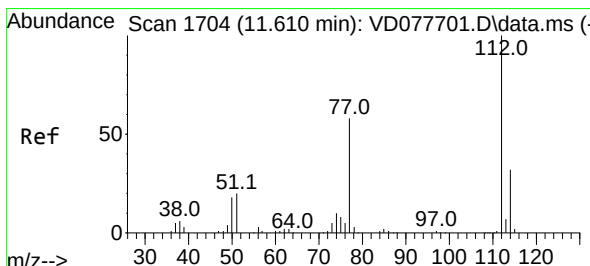
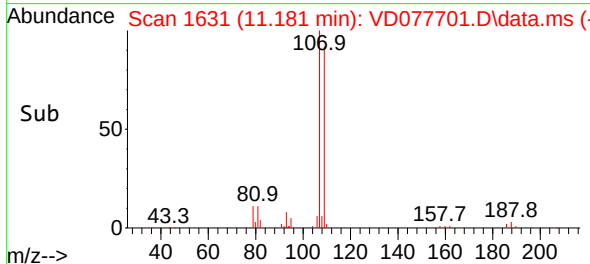
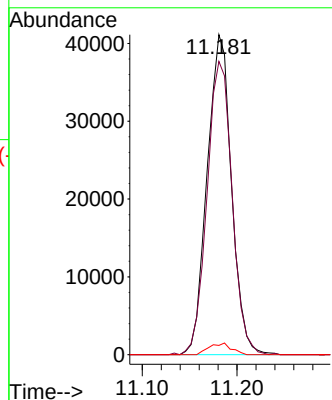
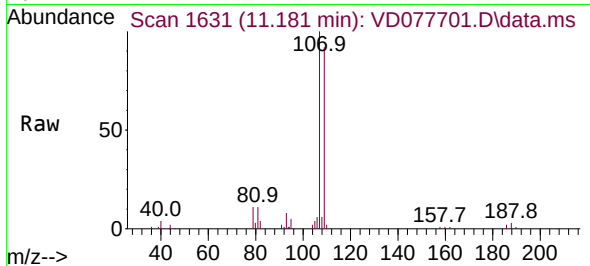




#50
1,2-Dibromoethane
Concen: 22.012 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

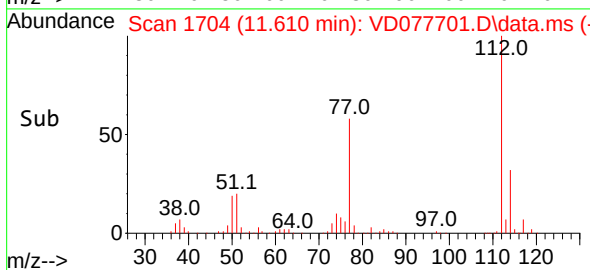
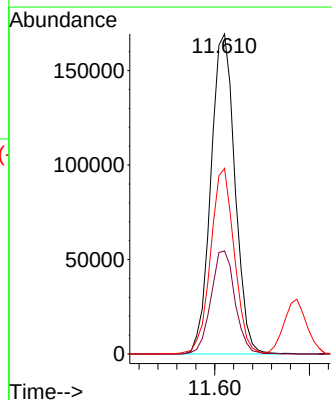
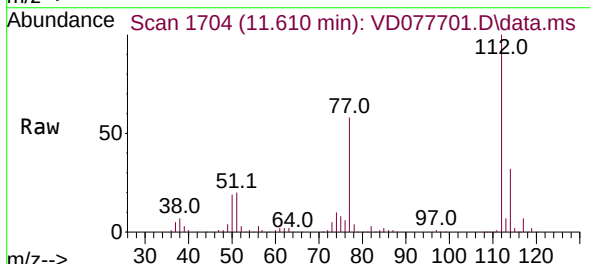
Instrument :
MSVOA_D
ClientSampleId :

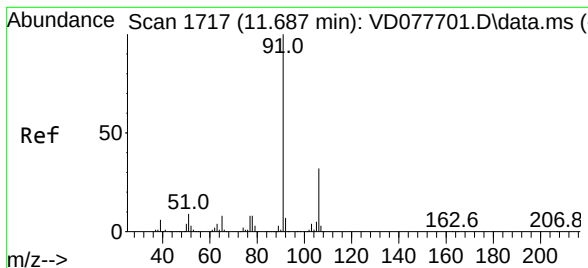
Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.7	64.2	119.2
188	2.9	2.3	3.5



#51
Chlorobenzene
Concen: 23.591 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.5	41.9
77	58.0	46.4	69.6

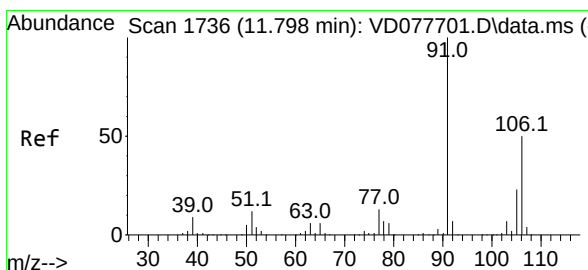
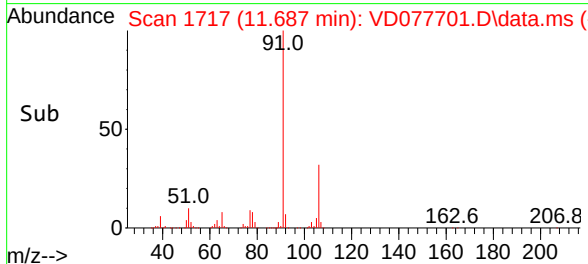
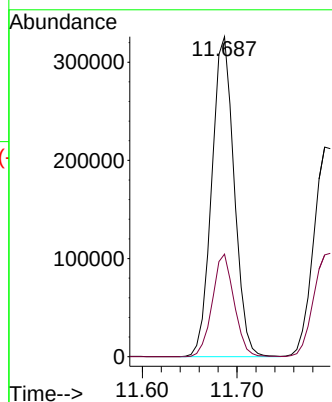
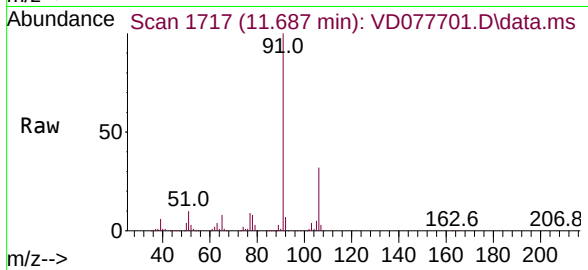




#52
Ethylbenzene
Concen: 22.762 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

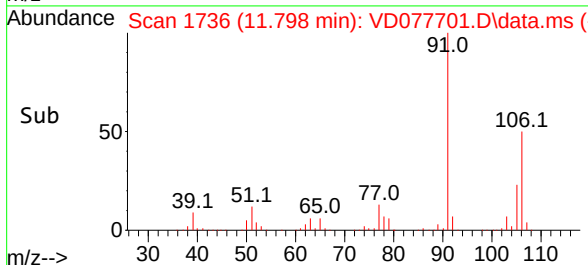
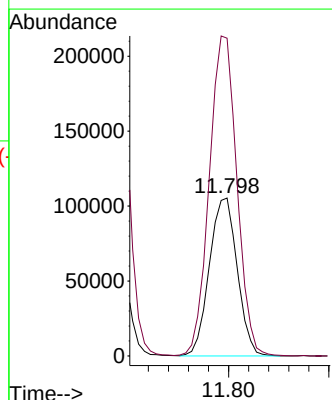
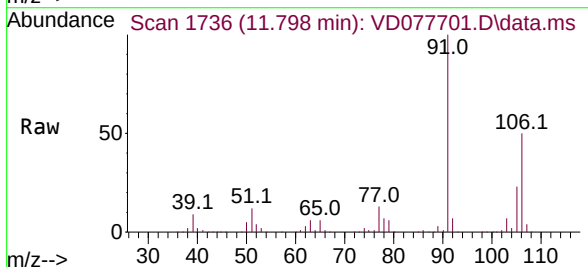
Instrument :
MSVOA_D
ClientSampleId :

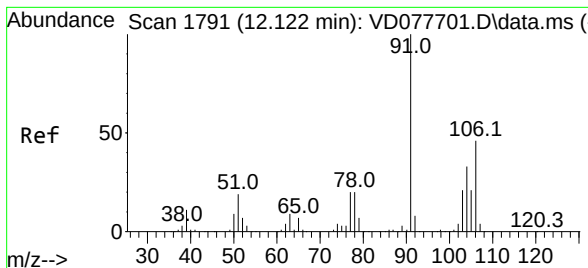
Tgt Ion: 91 Resp: 536493
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 23.496 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:106 Resp: 202874
Ion Ratio Lower Upper
106 100
91 201.2 140.8 261.6

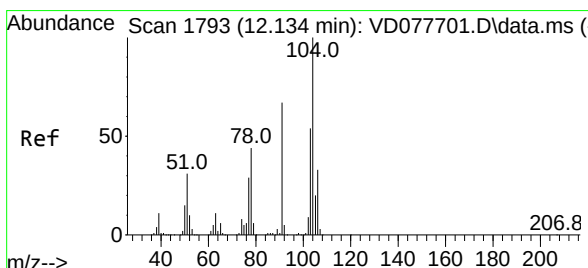
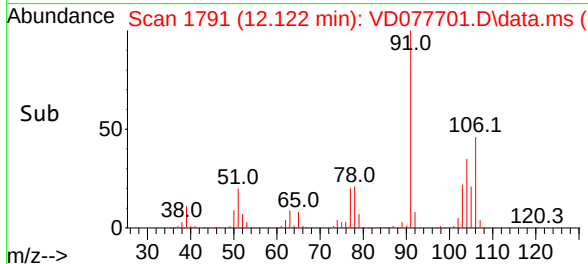
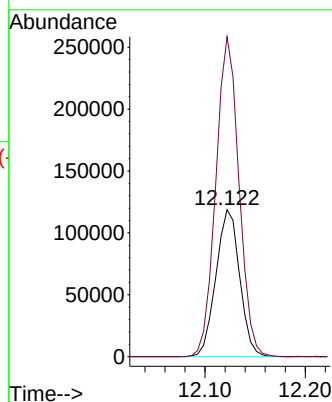
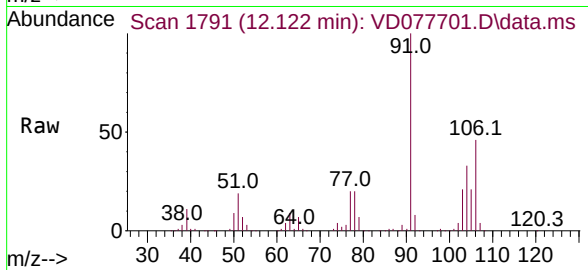




#54
o-Xylene
Concen: 23.497 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

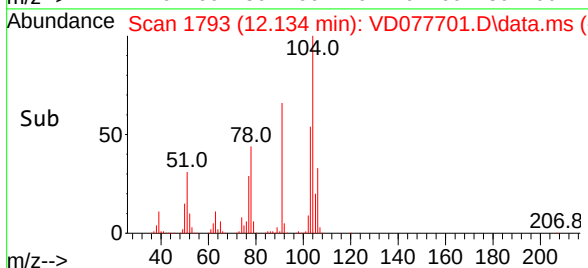
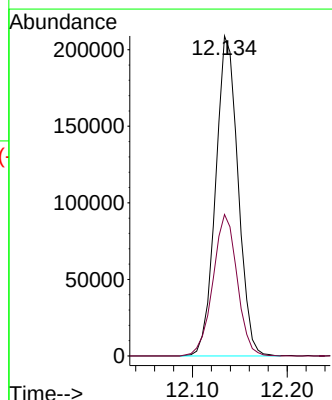
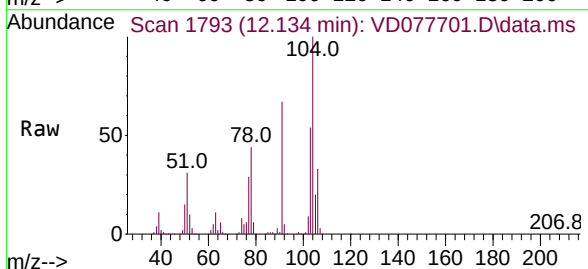
Instrument :
MSVOA_D
ClientSampleId :

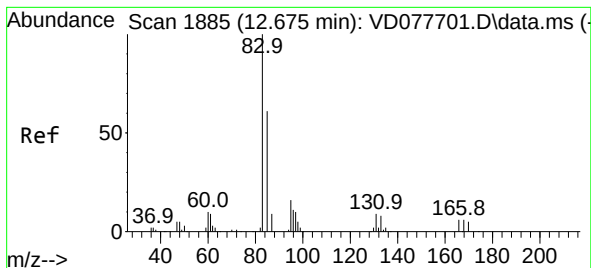
Tgt Ion:106 Resp: 195066
Ion Ratio Lower Upper
106 100
91 217.5 152.2 282.7



#55
Styrene
Concen: 23.738 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:104 Resp: 344744
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 21.820 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

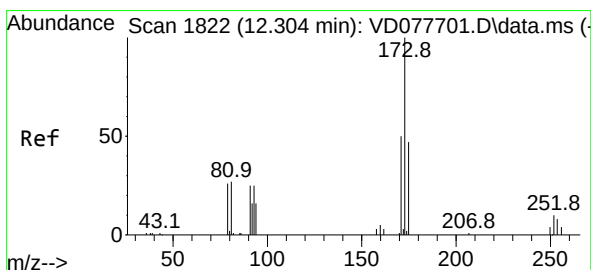
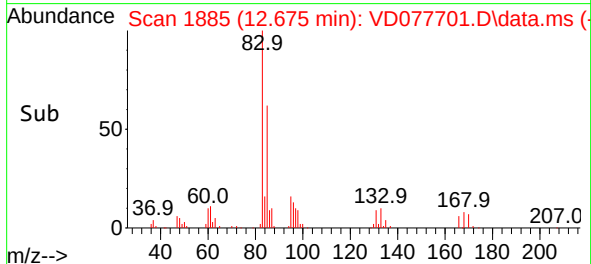
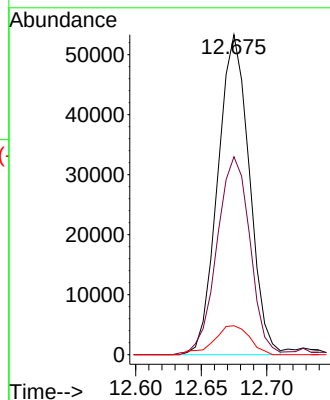
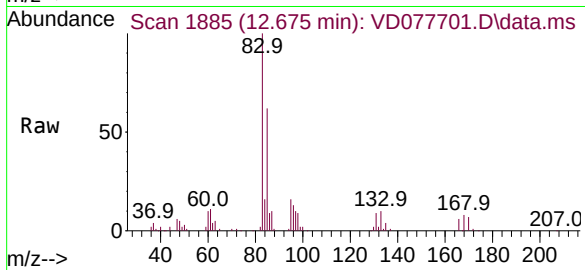
Tgt Ion: 83 Resp: 89242

Ion Ratio Lower Upper

83 100

85 61.9 43.3 80.5

131 9.1 7.3 10.9



#59

Bromoform

Concen: 21.929 ug/L

RT: 12.304 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

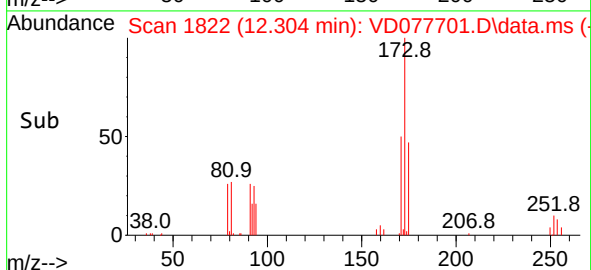
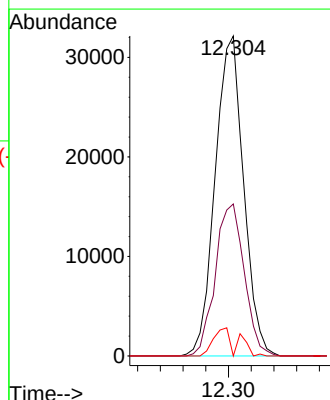
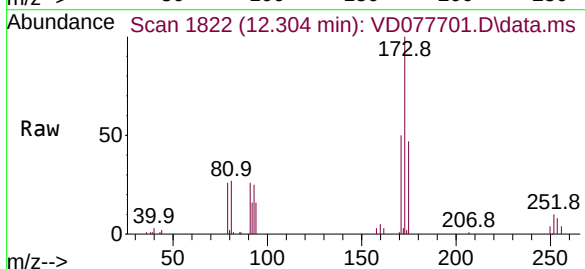
Tgt Ion: 173 Resp: 55866

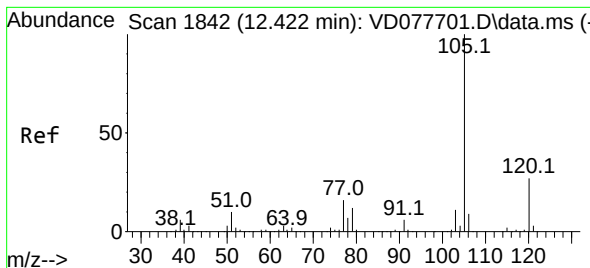
Ion Ratio Lower Upper

173 100

175 48.4 38.7 58.1

254 2.3 1.8 2.8





#60

Isopropylbenzene

Concen: 22.305 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077701.D

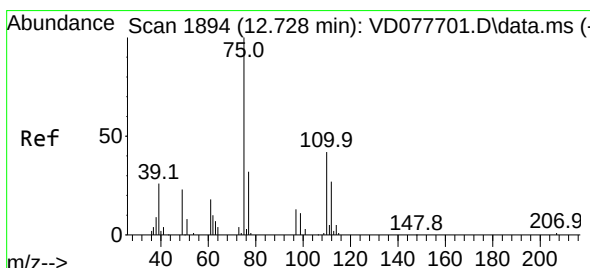
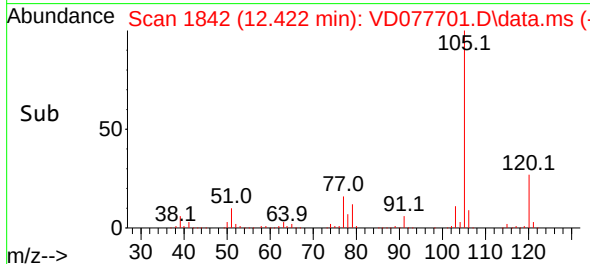
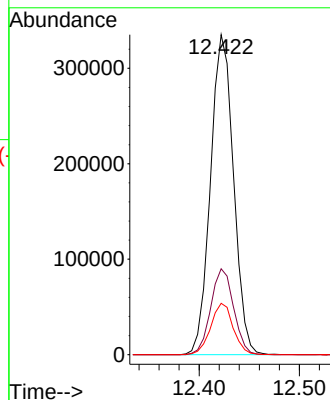
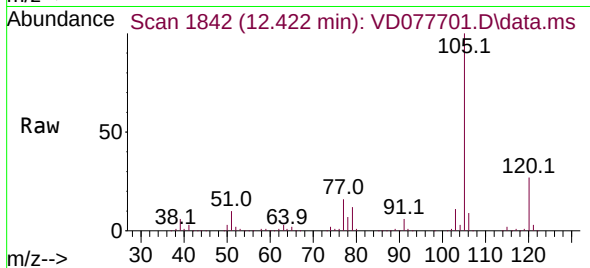
Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	535958
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.3	31.9
77	15.7	12.6	18.8



#61

1,2,3-Trichloropropane

Concen: 18.866 ug/L

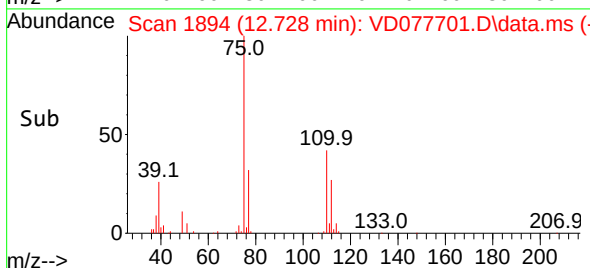
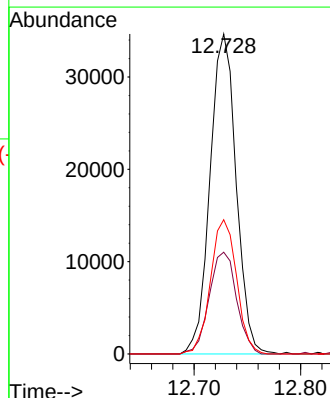
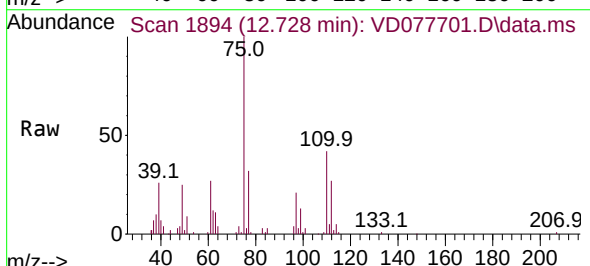
RT: 12.728 min Scan# 1894

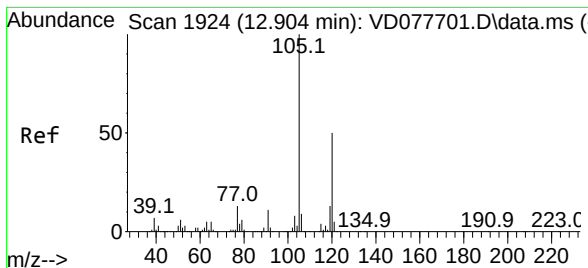
Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Tgt Ion:	75	Resp:	58960
Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.8	40.2
110	41.8	33.4	50.2

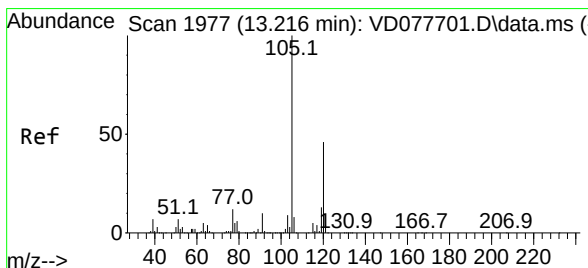
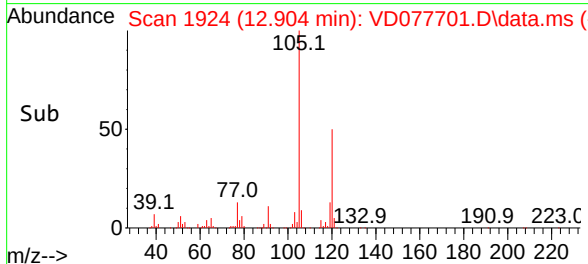
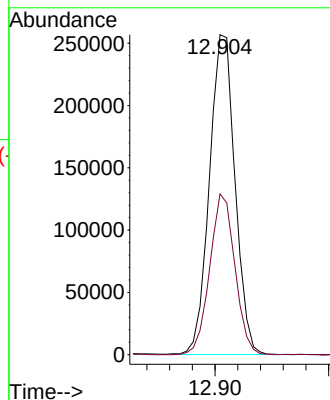
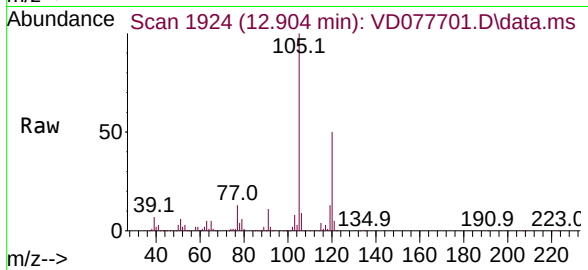




#62
1,3,5-Trimethylbenzene
Concen: 22.120 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

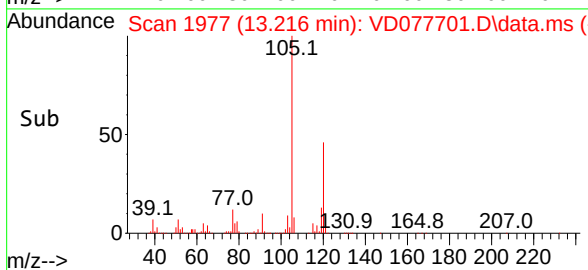
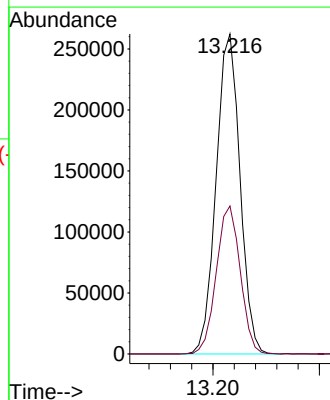
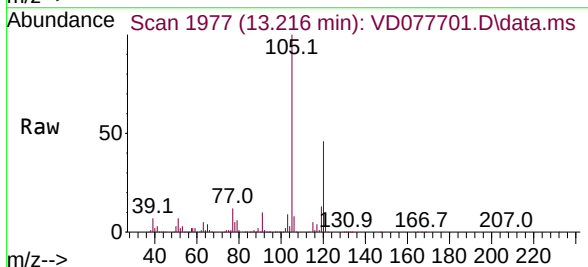
Instrument :
MSVOA_D
ClientSampleId :

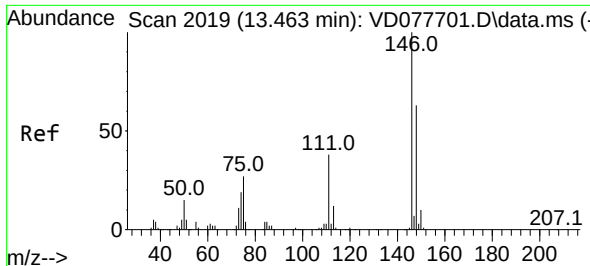
Tgt Ion:105 Resp: 401769
Ion Ratio Lower Upper
105 100
120 49.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 22.124 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:105 Resp: 407545
Ion Ratio Lower Upper
105 100
120 46.4 37.1 55.7

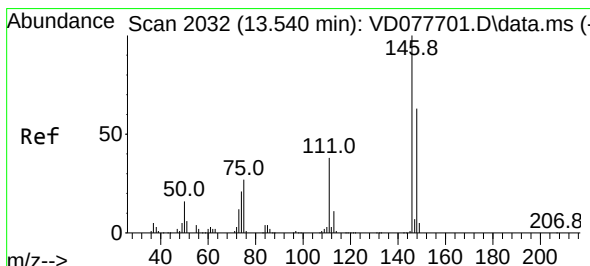
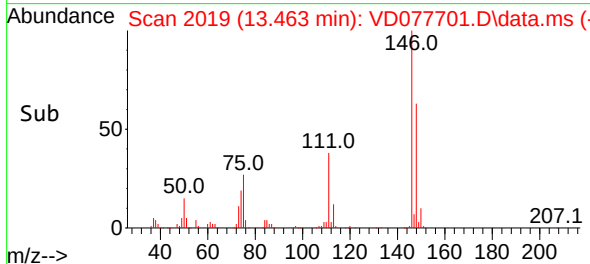
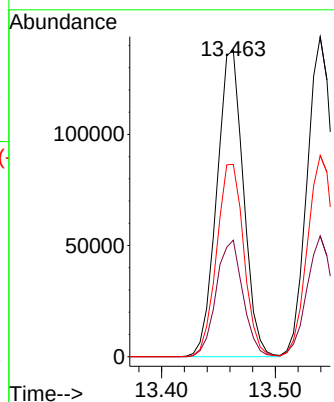
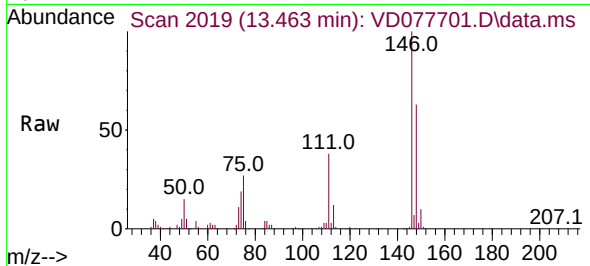




#64
1,3-Dichlorobenzene
Concen: 22.690 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

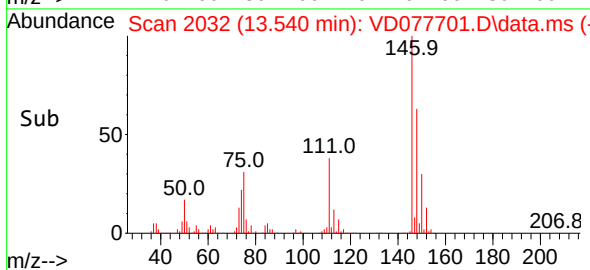
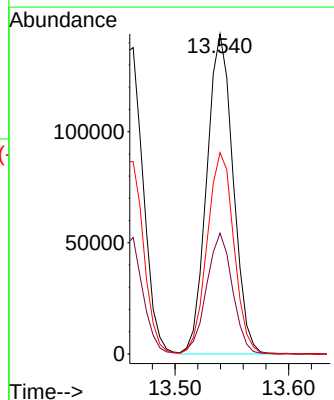
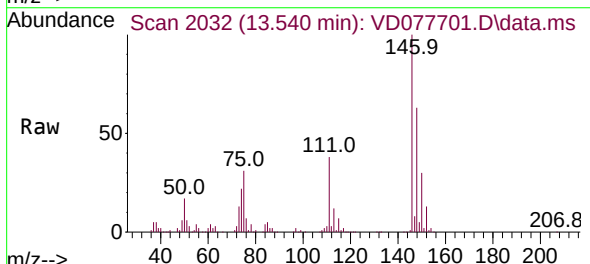
Instrument :
MSVOA_D
ClientSampleId :

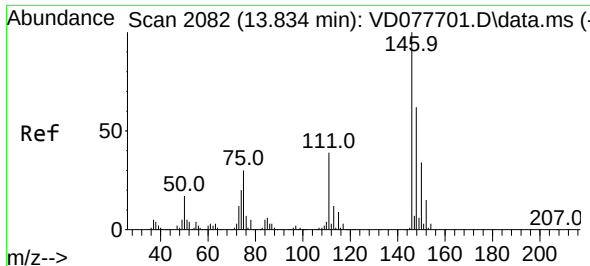
Tgt Ion:146 Resp: 224922
Ion Ratio Lower Upper
146 100
111 38.0 26.6 49.4
148 62.8 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 23.108 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion:146 Resp: 232371
Ion Ratio Lower Upper
146 100
111 37.7 26.4 49.0
148 62.9 44.0 81.8

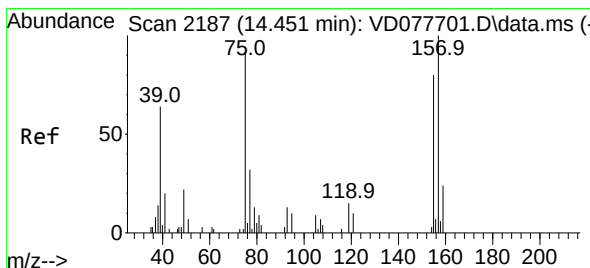
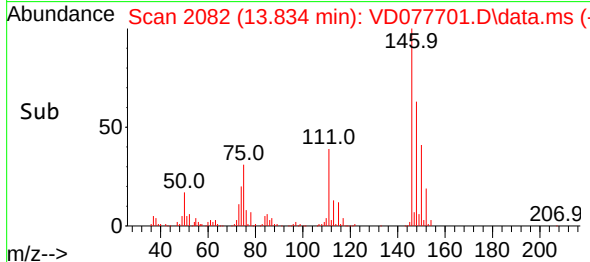
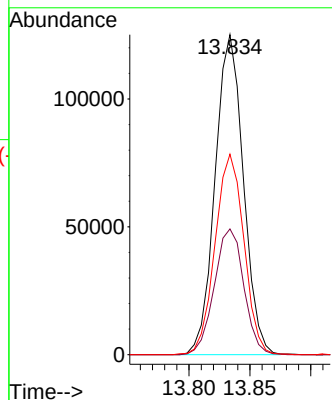
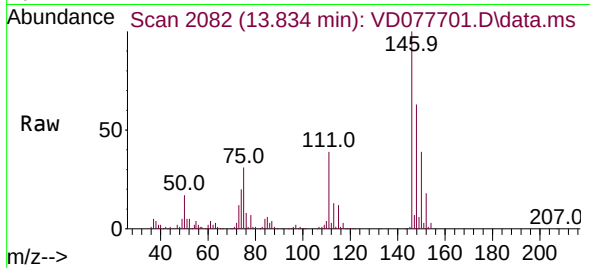




#67
1,2-Dichlorobenzene
Concen: 22.892 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

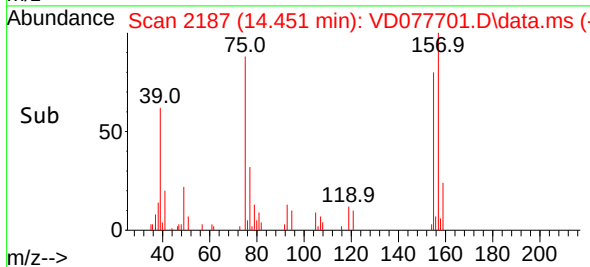
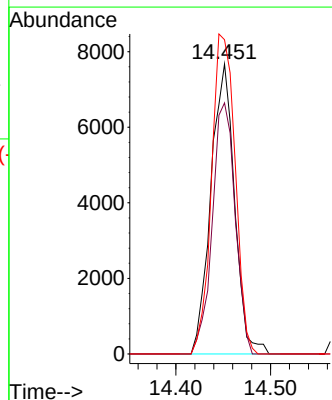
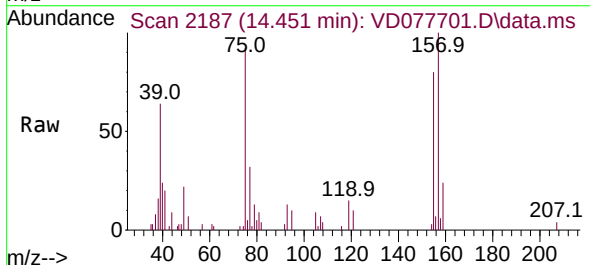
Instrument :
MSVOA_D
ClientSampleId :

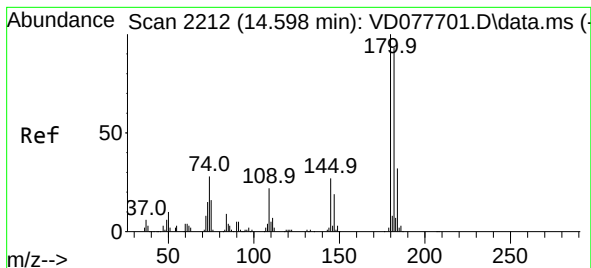
Tgt Ion:146 Resp: 202075
Ion Ratio Lower Upper
146 100
111 39.3 31.4 47.2
148 62.7 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 19.443 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077701.D
Acq: 29 Nov 2023 15:29

Tgt Ion: 75 Resp: 13316
Ion Ratio Lower Upper
75 100
155 86.5 69.2 103.8
157 108.3 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 22.374 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 150797

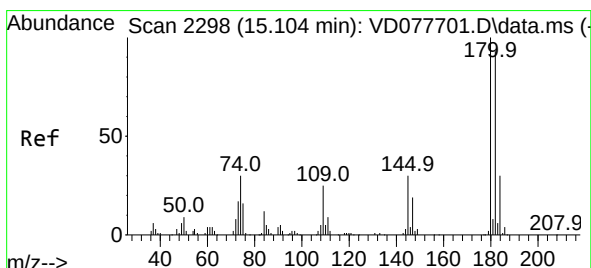
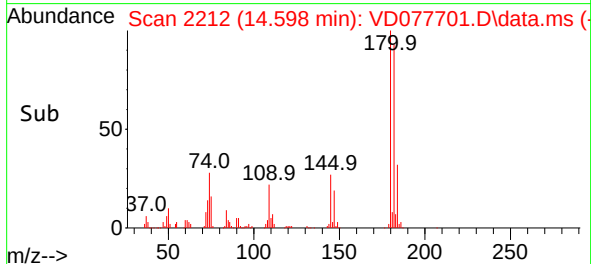
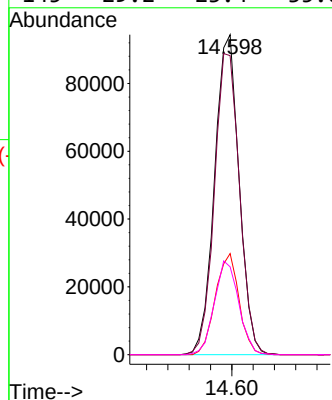
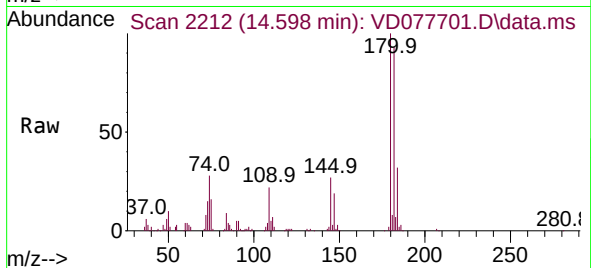
Ion Ratio Lower Upper

180 100

182 96.2 77.0 115.4

184 30.4 24.3 36.5

145 29.2 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 21.807 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

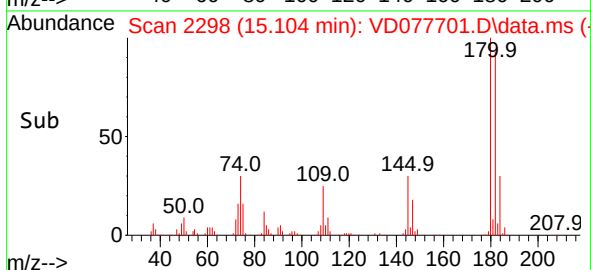
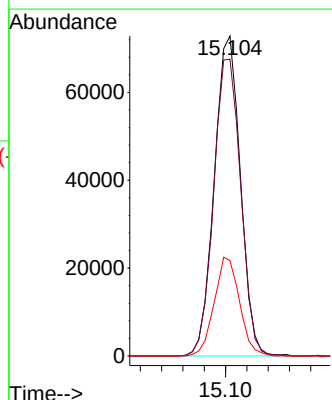
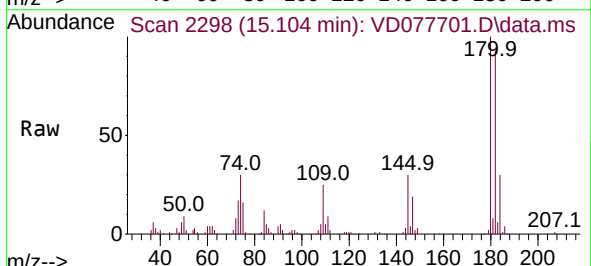
Tgt Ion:180 Resp: 123765

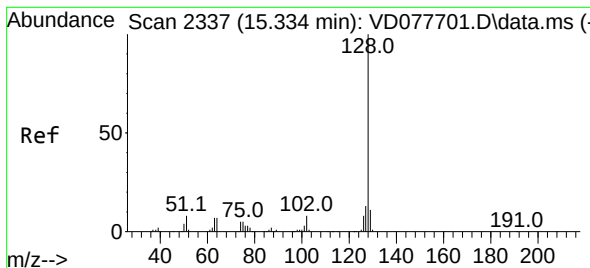
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 29.9 23.9 35.9





#71

Naphthalene

Concen: 20.933 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

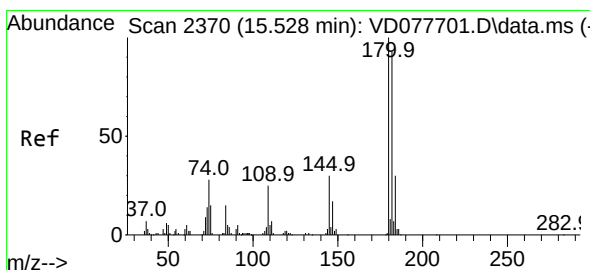
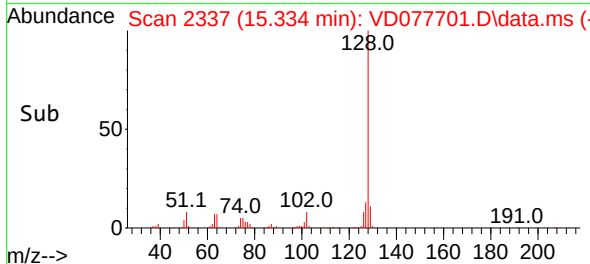
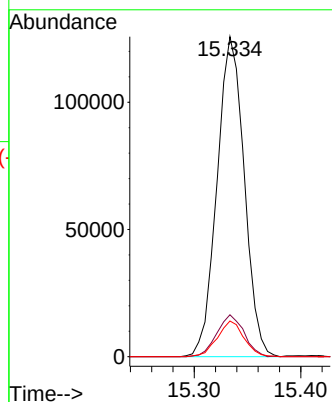
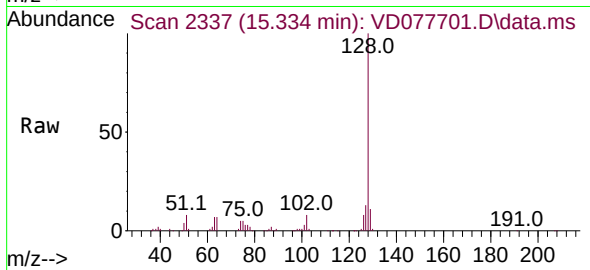
Tgt Ion:128 Resp: 223393

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 22.254 ug/L

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077701.D

Acq: 29 Nov 2023 15:29

Tgt Ion:180 Resp: 108326

Ion Ratio Lower Upper

180 100

182 96.6 77.3 115.9

145 31.5 25.2 37.8

