

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077699.D
 Acq On : 29 Nov 2023 14:35
 Operator : JC/SY
 Sample : VSTD2.5
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 23:54:34 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	298469	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	271844	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	123512	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	22441	2.909	ug/L	0.00
7) Chloroethane-d5	2.805	69	18324	3.058	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.928	65	5919	2.593	ug/L	0.00
21) 2-Butanone-d5	6.999	46	4293	3.435	ug/L	0.01
24) Chloroform-d	7.575	84	20948	2.478	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.240	65	10187	2.273	ug/L	0.00
32) Benzene-d6	8.210	84	42067	2.431	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.210	67	13546	2.435	ug/L	0.00
41) Toluene-d8	10.269	98	37162	2.355	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.522	79	5360	2.223	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	3725	3.769	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	8120	2.175	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.822	152	12101	2.787	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	11804	2.456	ug/L	97
3) Chloromethane	2.152	50	17345	2.511	ug/L	99
5) Vinyl chloride	2.287	62	21267	2.674	ug/L	94
6) Bromomethane	2.699	94	11251	2.700	ug/L	99
8) Chloroethane	2.840	64	13619	2.762	ug/L	87
9) Trichlorofluoromethane	3.181	101	19238	2.719	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	10407	2.389	ug/L	91
12) 1,1-Dichloroethene	3.946	96	9796	2.333	ug/L #	82
13) Acetone	4.040	43	2526	1.843	ug/L	50
14) Carbon disulfide	4.281	76	35635	2.345	ug/L #	91
15) Methyl Acetate	4.564	43	2494	1.139	ug/L #	82
16) Methylene chloride	4.811	84	18272	3.646	ug/L	87
17) trans-1,2-Dichloroethene	5.311	96	5878	1.332	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	14267	1.398	ug/L #	65
19) 1,1-Dichloroethane	6.116	63	20840	2.381	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	12105	2.526	ug/L	98
22) 2-Butanone	7.081	43	2453	1.493	ug/L #	40
23) Bromochloromethane	7.422	128	3507	1.808	ug/L	92
25) Chloroform	7.605	83	20273	2.502	ug/L	89
27) 1,2-Dichloroethane	8.328	62	11631	2.178	ug/L #	93
29) Cyclohexane	7.881	56	17276	2.019	ug/L #	73
30) 1,1,1-Trichloroethane	7.793	97	16602	2.370	ug/L	96
31) Carbon tetrachloride	7.993	117	13897	2.291	ug/L	92
33) Benzene	8.252	78	42367	2.282	ug/L	100
34) Trichloroethene	9.034	95	11012	2.389	ug/L	96
35) Methylcyclohexane	9.281	83	18615	2.241	ug/L	97
37) 1,2-Dichloropropane	9.304	63	11041	2.152	ug/L #	96
38) Bromodichloromethane	9.587	83	13902	2.356	ug/L #	87
39) cis-1,3-Dichloropropene	10.016	75	16625	2.113	ug/L	97
40) 4-Methyl-2-pentanone	10.163	43	11387	3.721	ug/L	98
42) Toluene	10.334	91	44423	2.269	ug/L	95
44) trans-1,3-Dichloropropene	10.557	75	13613	2.091	ug/L	95

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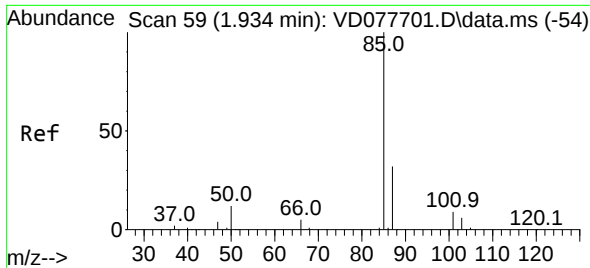
Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 23:54:34 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)

45) 1,1,2-Trichloroethane	10.734	97	7058	2.224	ug/L	88
46) Tetrachloroethene	10.810	164	8768	2.551	ug/L	94
48) 2-Hexanone	10.922	43	6793	2.737	ug/L #	89
49) Dibromochloromethane	11.075	129	9372	2.587	ug/L	85
50) 1,2-Dibromoethane	11.181	107	7001	2.303	ug/L #	96
51) Chlorobenzene	11.610	112	28860	2.496	ug/L	99
52) Ethylbenzene	11.687	91	49530	2.305	ug/L	98
53) m,p-Xylene	11.798	106	18878	2.399	ug/L	89
54) o-Xylene	12.122	106	16237	2.146	ug/L	98
55) Styrene	12.140	104	27716	2.094	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	7967	2.137	ug/L #	98
59) Bromoform	12.304	173	5224	2.505	ug/L #	92
60) Isopropylbenzene	12.422	105	44931	2.284	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	6008	2.349	ug/L	96
62) 1,3,5-Trimethylbenzene	12.910	105	33092	2.226	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	32726	2.170	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	20299	2.502	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	21295	2.587	ug/L	94
67) 1,2-Dichlorobenzene	13.840	146	17741	2.455	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.457	75	1593	2.842	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.598	180	13154	2.384	ug/L	96
70) 1,2,4-trichlorobenzene	15.104	180	11391	2.452	ug/L	98
71) Naphthalene	15.334	128	18786	2.151	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	10016	2.514	ug/L	92

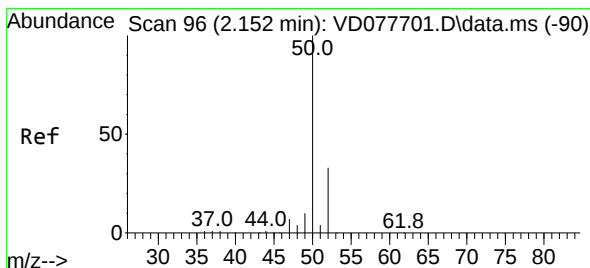
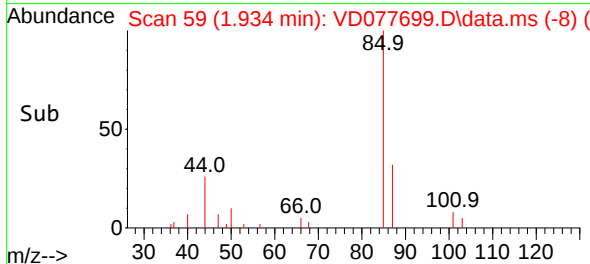
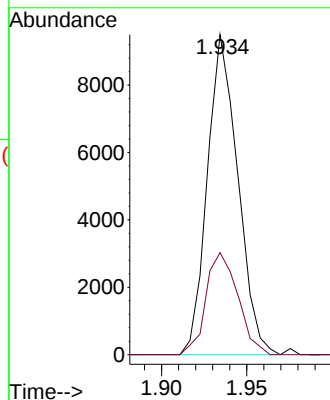
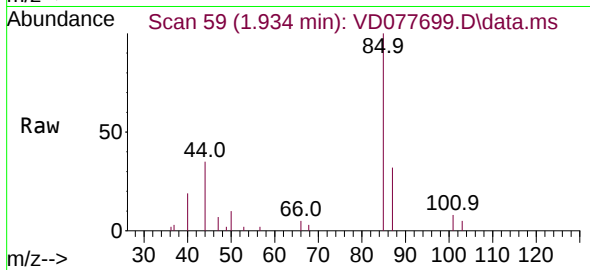
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#2
 Dichlorodifluoromethane
 Concen: 2.456 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. 0.000 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

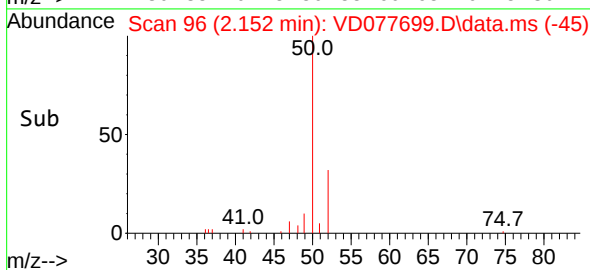
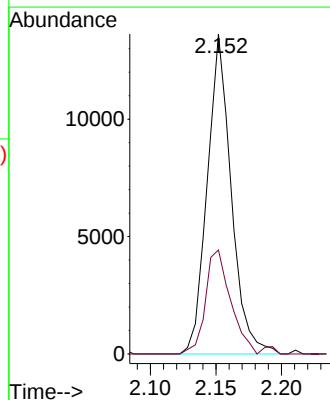
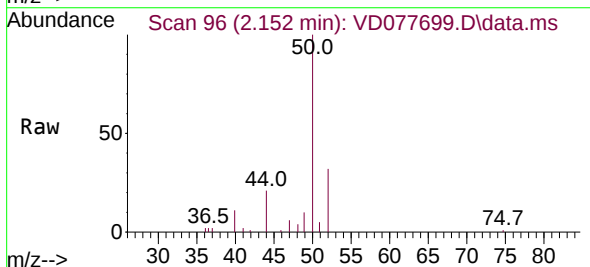
Instrument :
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 ClientSampleId :

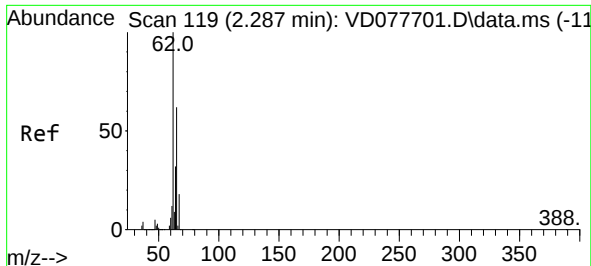
Tgt Ion: 85 Resp: 11804
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.6 38.4



#3
 Chloromethane
 Concen: 2.511 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

Tgt Ion: 50 Resp: 17345
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.2

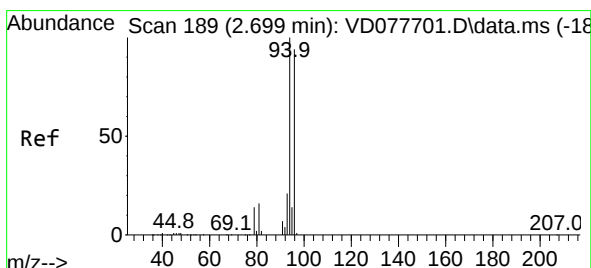
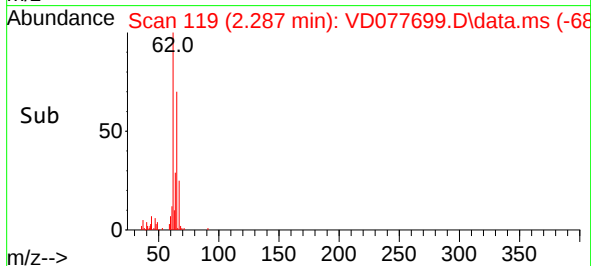
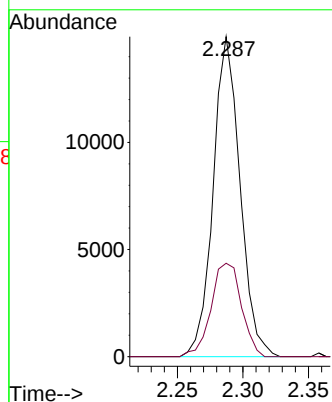
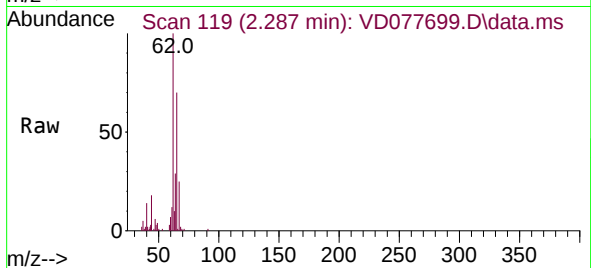




#5
 Vinyl chloride
 Concen: 2.674 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

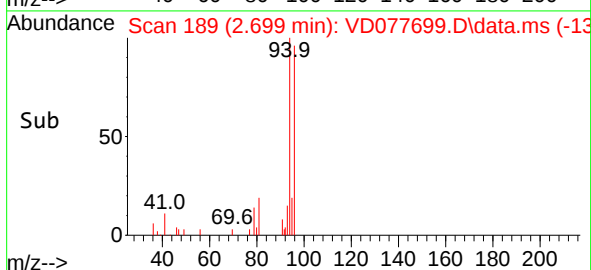
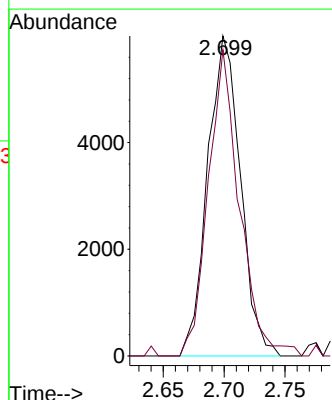
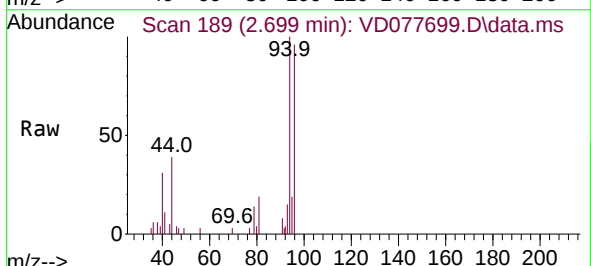
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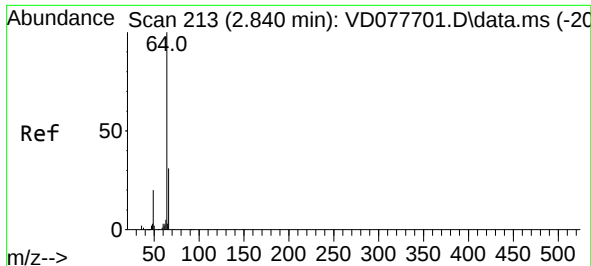
Tgt Ion: 62 Resp: 21267
 Ion Ratio Lower Upper
 62 100
 64 29.2 22.6 42.0



#6
 Bromomethane
 Concen: 2.700 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

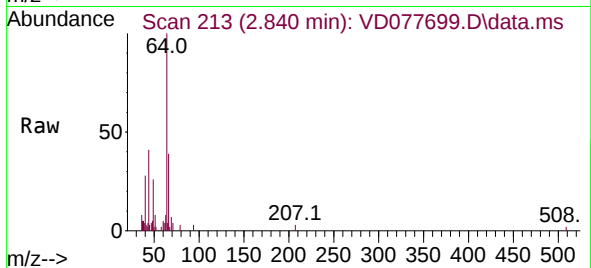
Tgt Ion: 94 Resp: 11251
 Ion Ratio Lower Upper
 94 100
 96 95.7 66.0 122.6



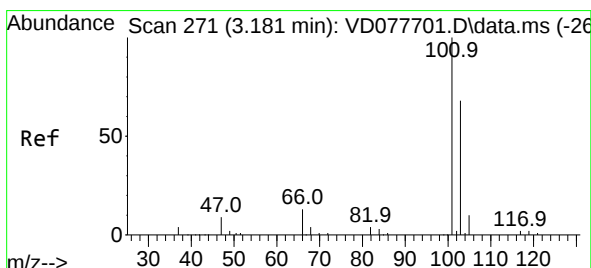
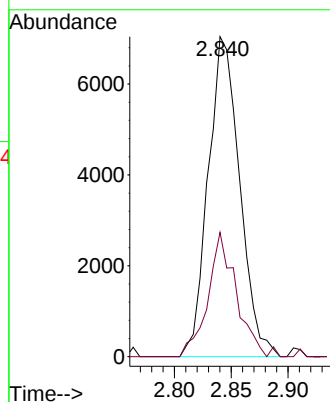
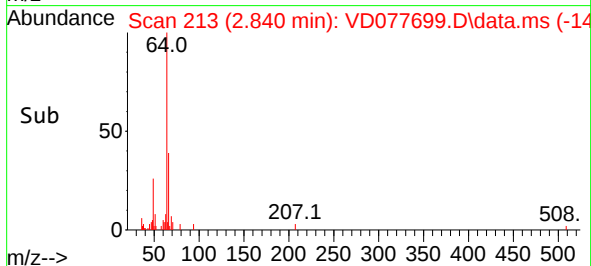


#8
Chloroethane
Concen: 2.762 ug/L
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :

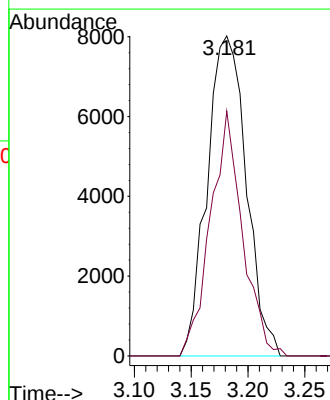
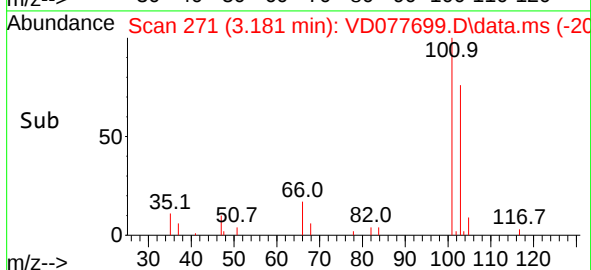
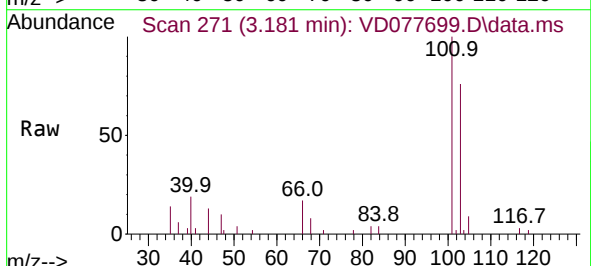


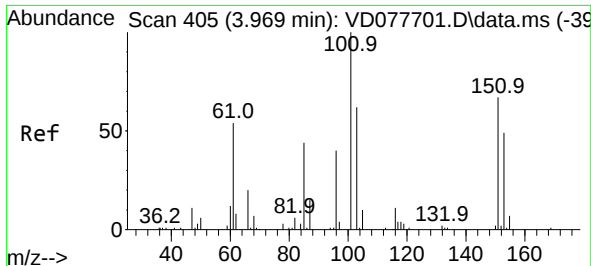
Tgt Ion: 64 Resp: 13619
Ion Ratio Lower Upper
64 100
66 38.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 2.719 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Tgt Ion: 101 Resp: 19238
Ion Ratio Lower Upper
101 100
103 62.7 52.5 78.7

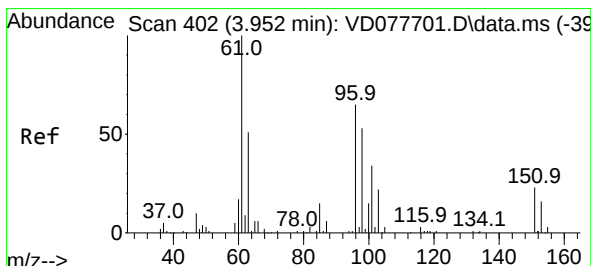
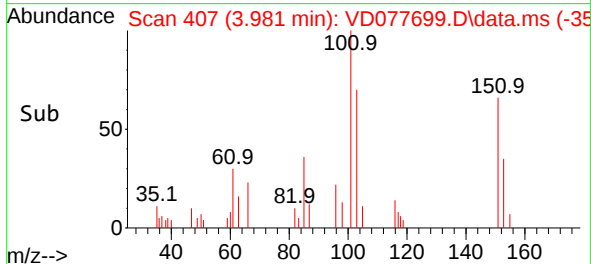
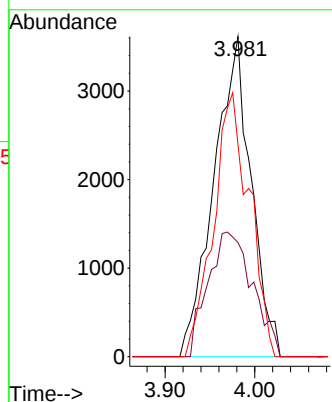
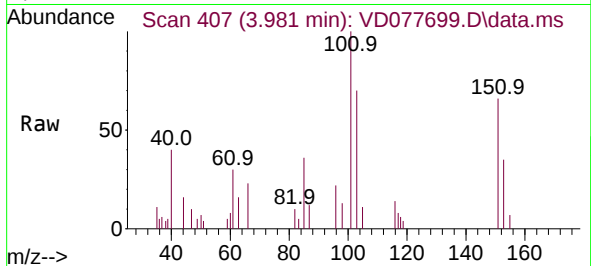




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.389 ug/L
 RT: 3.981 min Scan# 407
 Delta R.T. 0.012 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

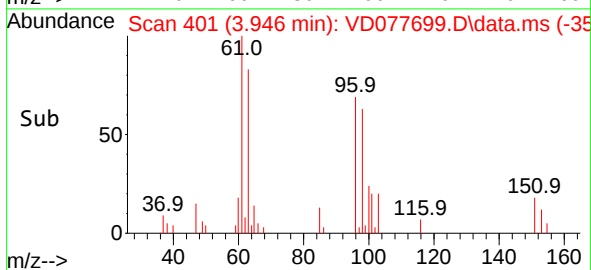
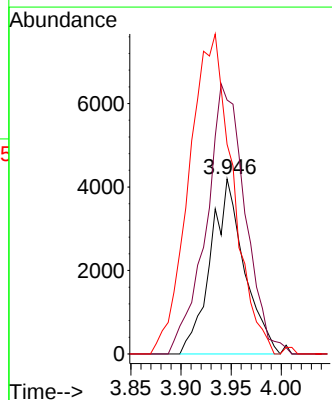
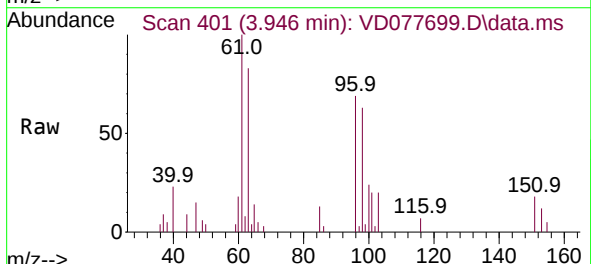
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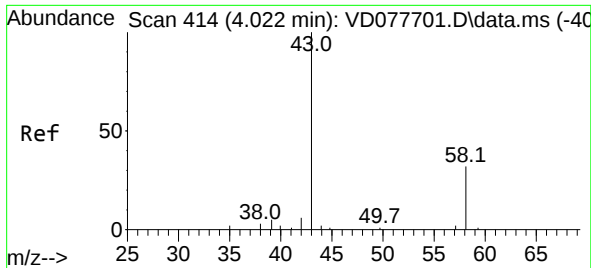
Tgt Ion:101 Resp: 10407
 Ion Ratio Lower Upper
 101 100
 85 46.6 35.8 53.6
 151 60.9 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 2.333 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

Tgt Ion: 96 Resp: 9796
 Ion Ratio Lower Upper
 96 100
 61 145.1 108.6 201.6
 63 119.8 60.3 111.9#





#13

Acetone

Concen: 1.843 ug/L

RT: 4.040 min Scan# 41

Delta R.T. 0.018 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

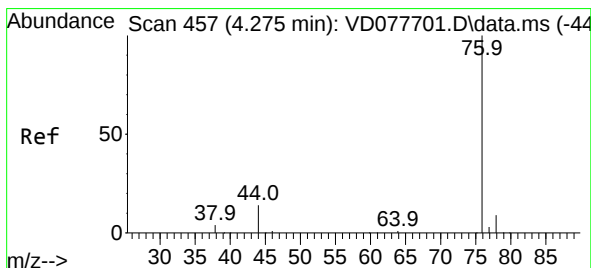
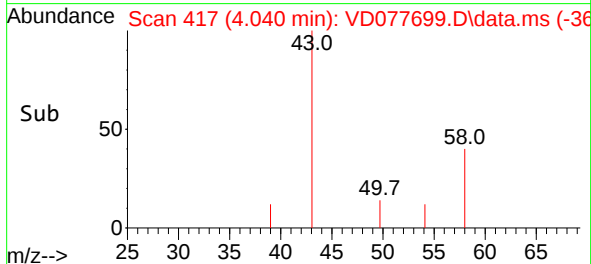
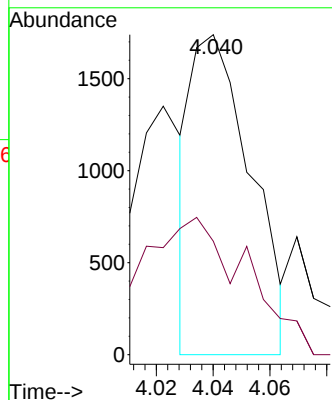
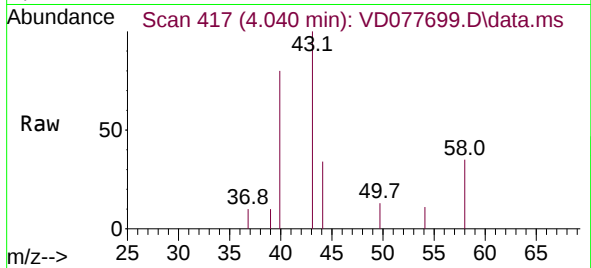
ClientSampleId :

Tgt Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

58 62.4 0.0 67.2



#14

Carbon disulfide

Concen: 2.345 ug/L

RT: 4.281 min Scan# 458

Delta R.T. 0.006 min

Lab File: VD077699.D

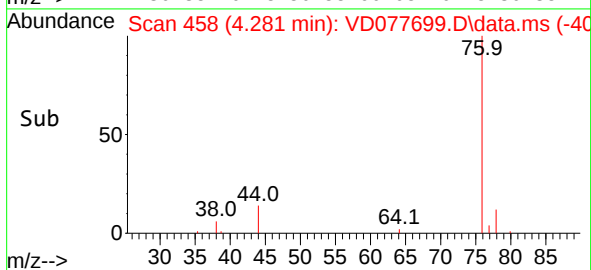
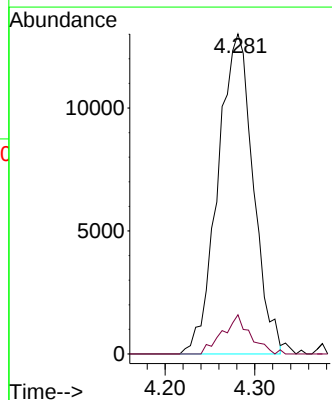
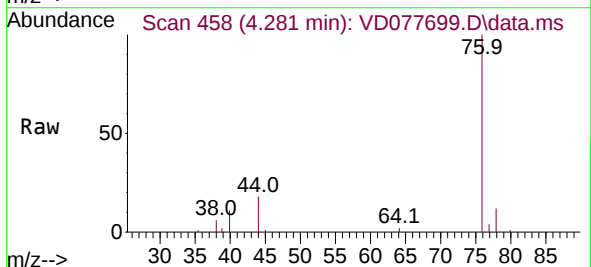
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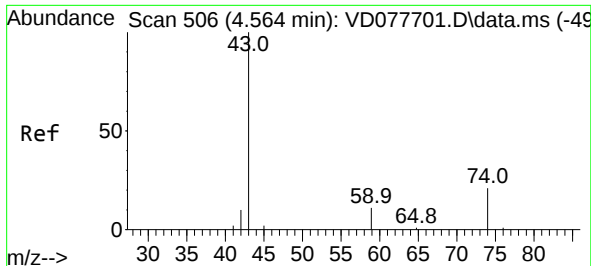
Tgt Ion: 76 Resp: 35635

Ion Ratio Lower Upper

76 100

78 12.2 7.2 10.8#

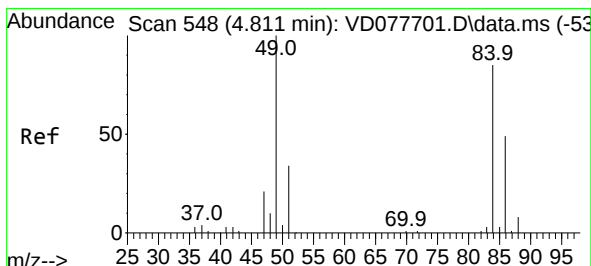
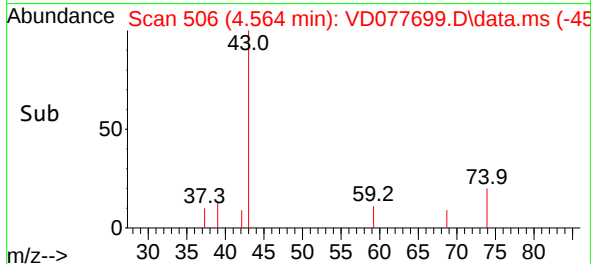
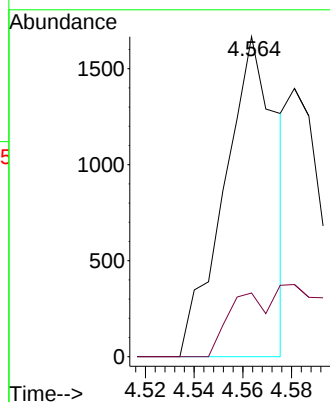
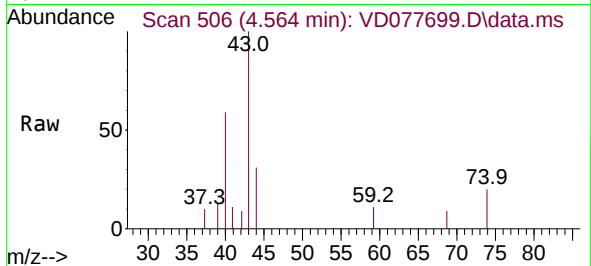




#15
Methyl Acetate
Concen: 1.139 ug/L
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

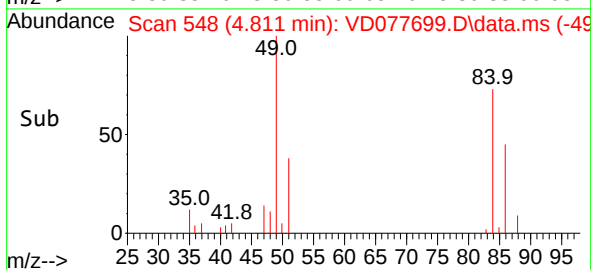
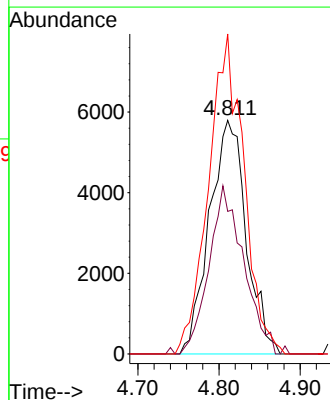
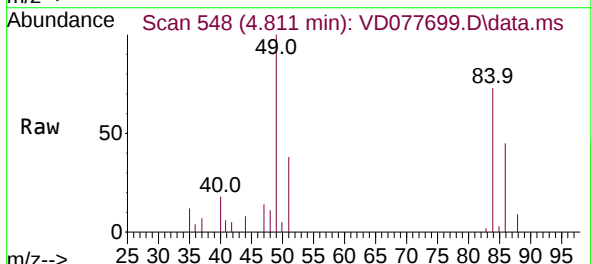
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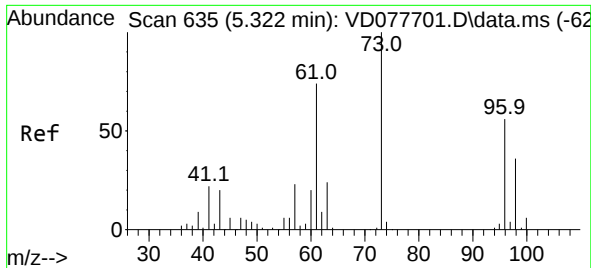
Tgt Ion: 43 Resp: 2494
Ion Ratio Lower Upper
43 100
74 14.6 18.6 27.8#



#16
Methylene chloride
Concen: 3.646 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

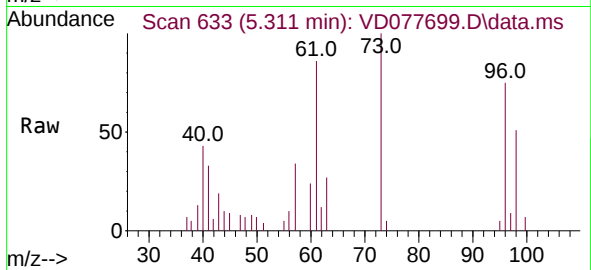
Tgt Ion: 84 Resp: 18272
Ion Ratio Lower Upper
84 100
86 61.0 40.1 74.5
49 137.0 83.2 154.6





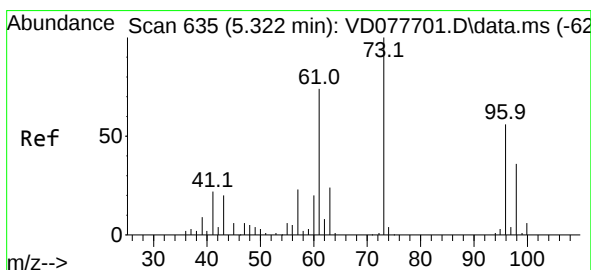
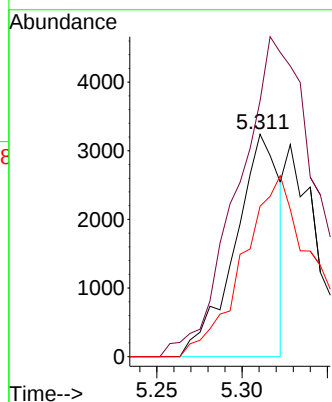
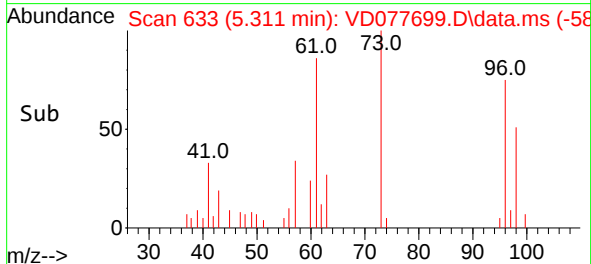
#17
trans-1,2-Dichloroethene
Concen: 1.332 ug/L
RT: 5.311 min Scan# 611
Delta R.T. -0.012 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 5878

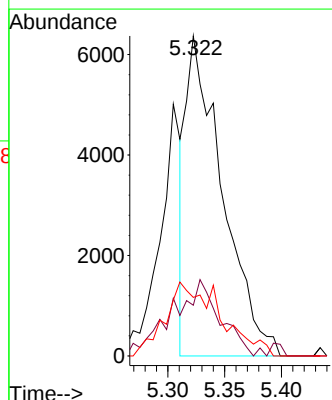
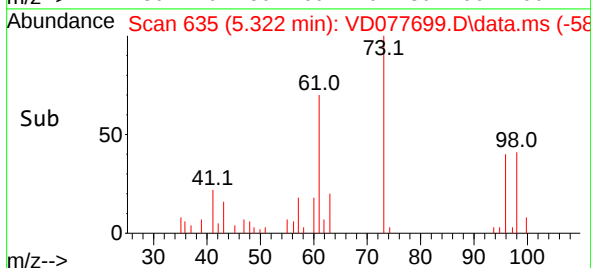
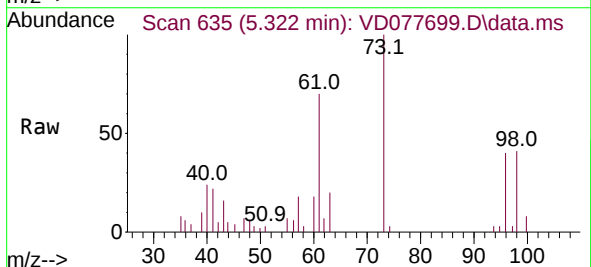
Ion	Ratio	Lower	Upper
96	100		
61	114.9	92.3	171.3
98	67.6	44.7	82.9

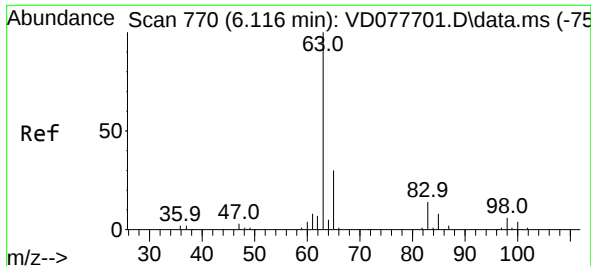


#18
Methyl tert-butyl Ether
Concen: 1.398 ug/L
RT: 5.322 min Scan# 635
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Tgt Ion: 73 Resp: 14267

Ion	Ratio	Lower	Upper
73	100		
43	5.6	15.0	22.4#
57	3.2	18.1	27.1#





#19

1,1-Dichloroethane

Concen: 2.381 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD077699.D

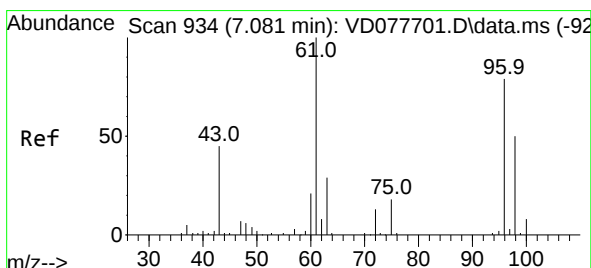
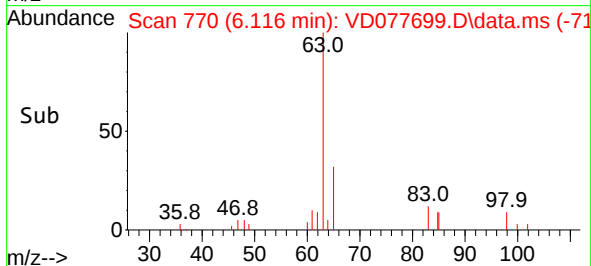
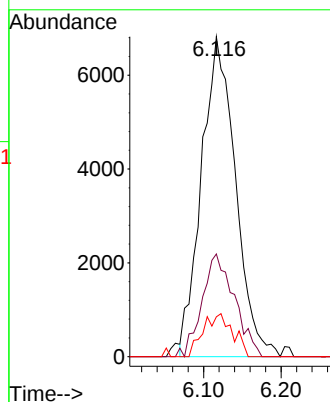
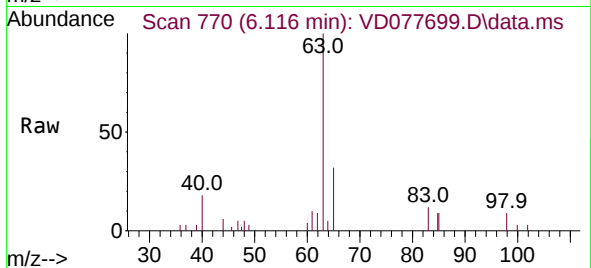
Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	63	Resp:	20840
Ion	Ratio	Lower	Upper
63	100		
65	32.1	20.9	38.9
83	12.4	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 2.526 ug/L

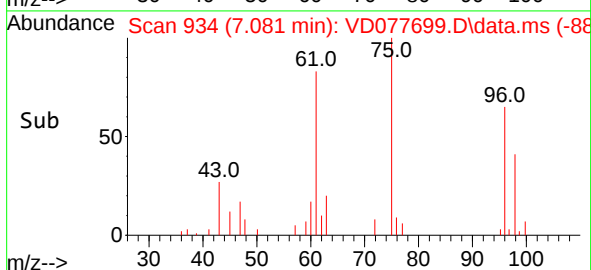
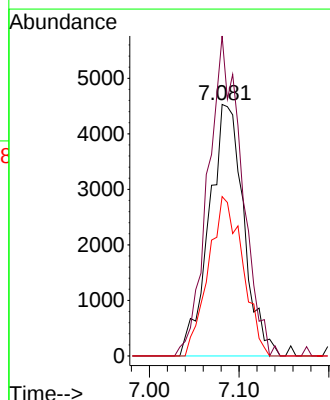
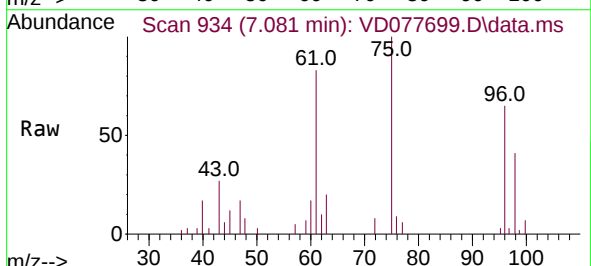
RT: 7.081 min Scan# 934

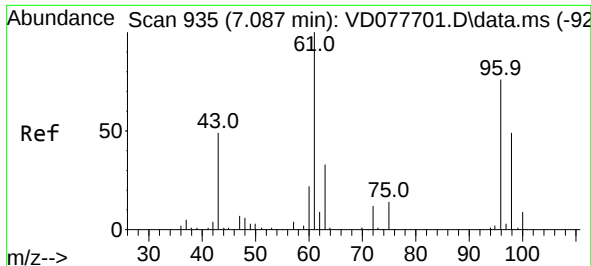
Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Tgt Ion:	96	Resp:	12105
Ion	Ratio	Lower	Upper
96	100		
61	127.3	88.1	163.5
98	66.8	44.1	81.9





#22

2-Butanone

Concen: 1.493 ug/L

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

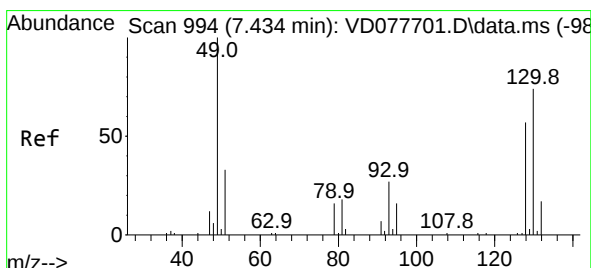
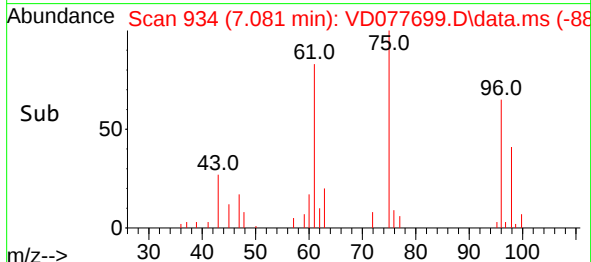
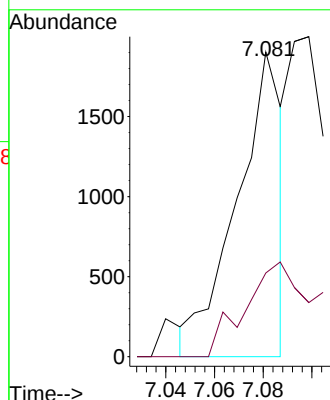
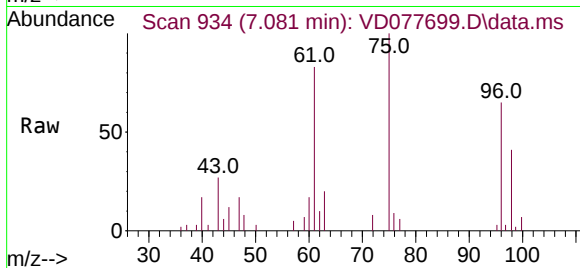
ClientSampleId :

Tgt Ion: 43 Resp: 2453

Ion Ratio Lower Upper

43 100

72 38.9 7.2 21.6#



#23

Bromochloromethane

Concen: 1.808 ug/L

RT: 7.422 min Scan# 992

Delta R.T. -0.012 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Tgt Ion: 128 Resp: 3507

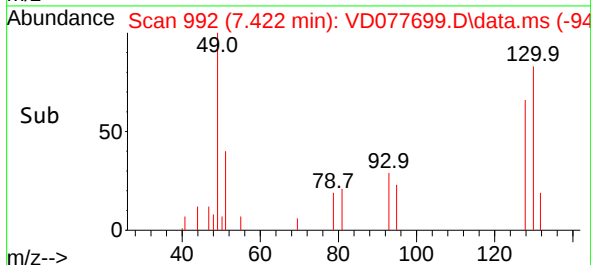
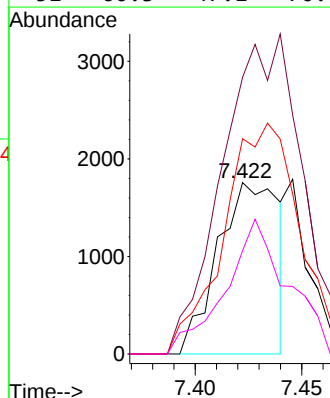
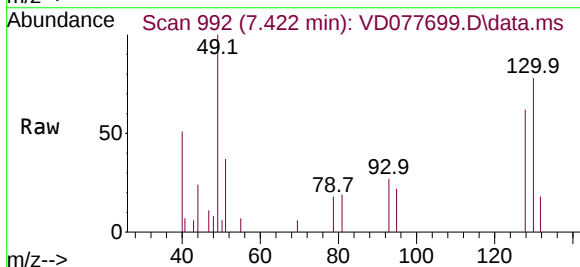
Ion Ratio Lower Upper

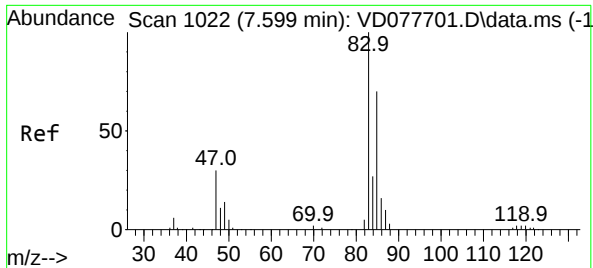
128 100

49 161.5 124.7 231.5

130 125.6 92.3 171.3

51 60.3 47.1 70.7





#25

Chloroform

Concen: 2.502 ug/L

RT: 7.605 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

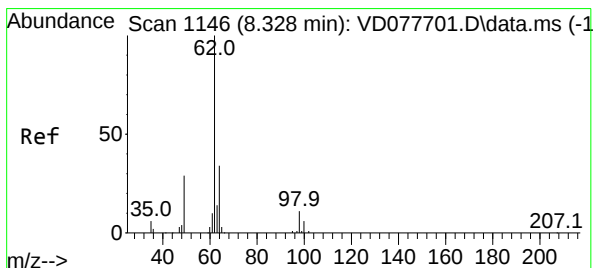
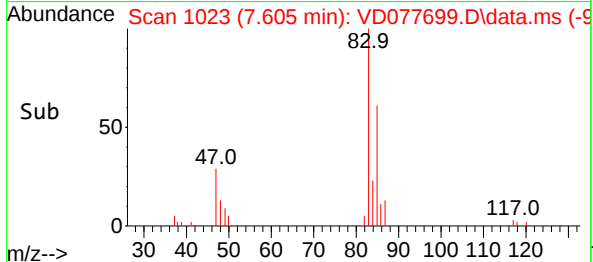
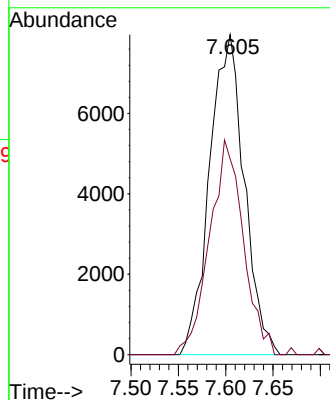
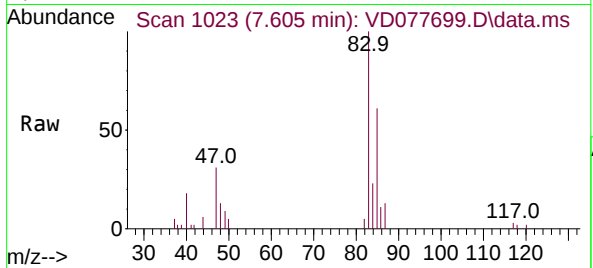
ClientSampleId :

Tgt Ion: 83 Resp: 20273

Ion Ratio Lower Upper

83 100

85 61.2 48.9 90.9



#27

1,2-Dichloroethane

Concen: 2.178 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VD077699.D

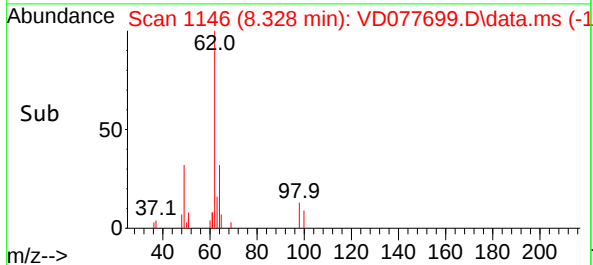
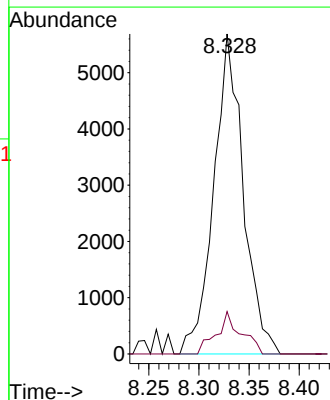
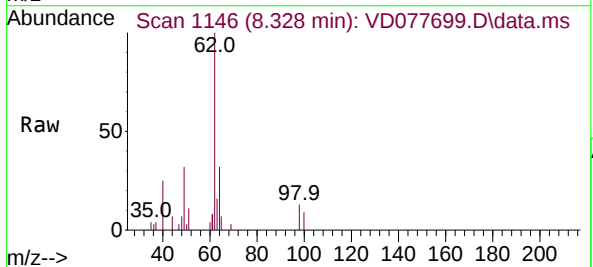
Acq: 29 Nov 2023 14:35

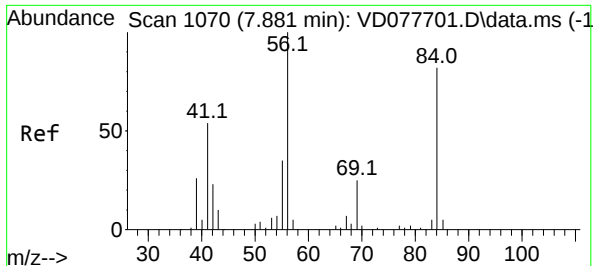
Tgt Ion: 62 Resp: 11631

Ion Ratio Lower Upper

62 100

98 13.3 8.4 12.6#





#29

Cyclohexane

Concen: 2.019 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

ClientSampleId :

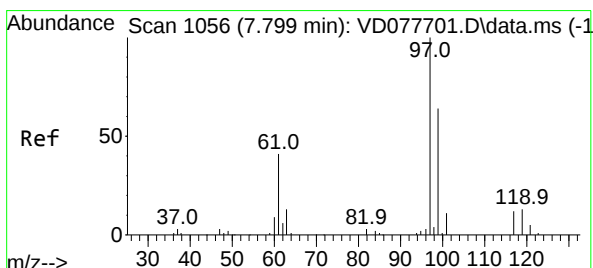
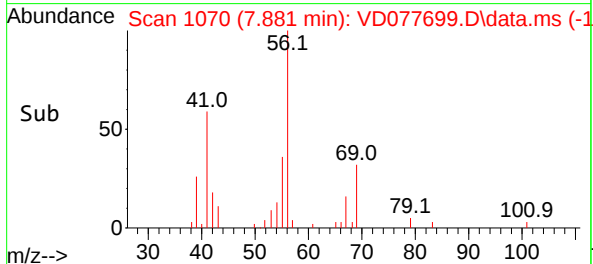
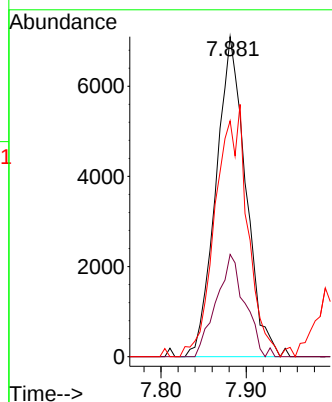
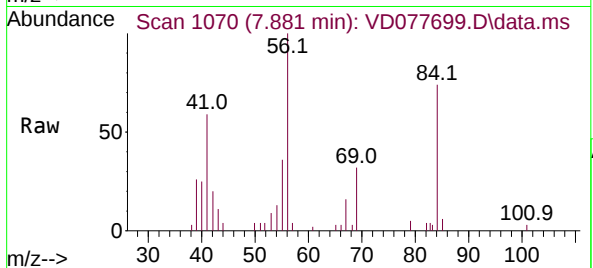
Tgt Ion: 56 Resp: 17276

Ion Ratio Lower Upper

56 100

69 30.2 22.2 33.4

84 54.3 68.5 102.7#



#30

1,1,1-Trichloroethane

Concen: 2.370 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

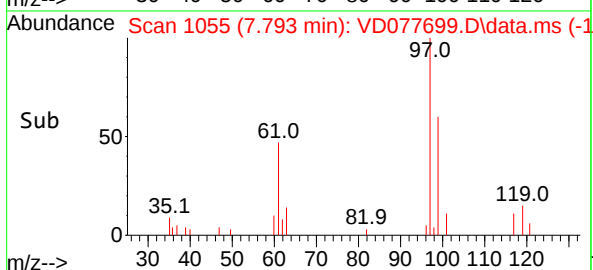
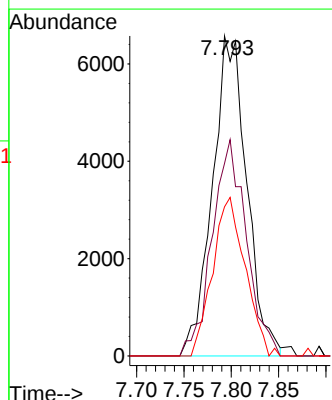
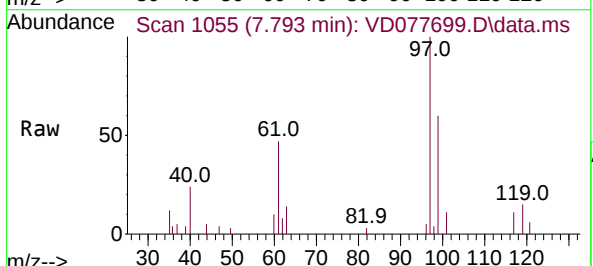
Tgt Ion: 97 Resp: 16602

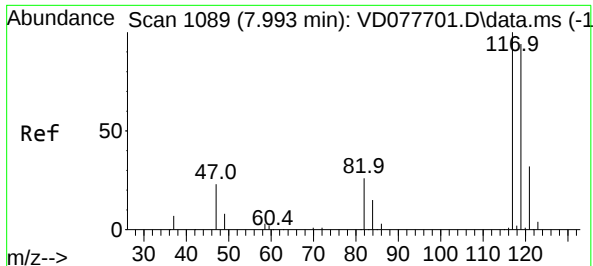
Ion Ratio Lower Upper

97 100

99 67.2 51.4 77.2

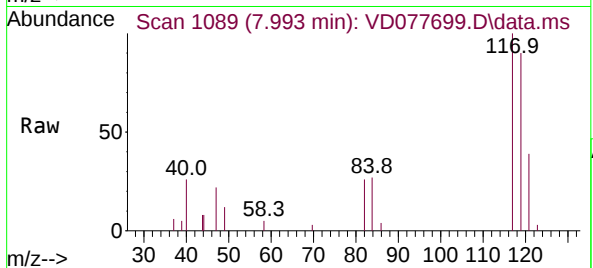
61 46.8 35.4 53.2



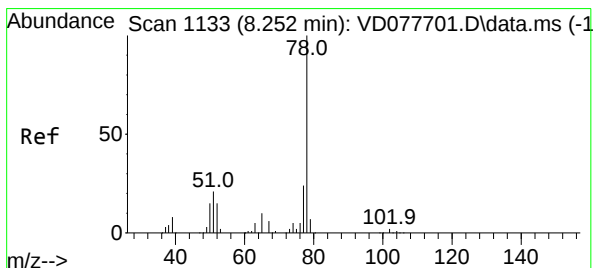
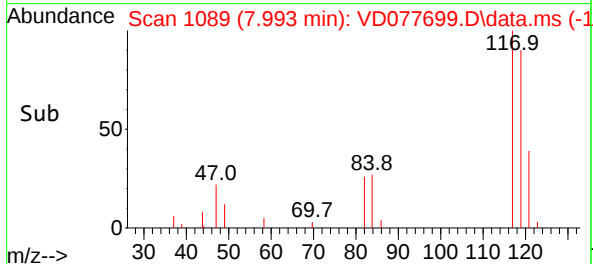
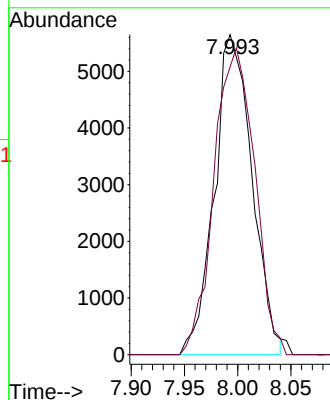


#31
Carbon tetrachloride
Concen: 2.291 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :

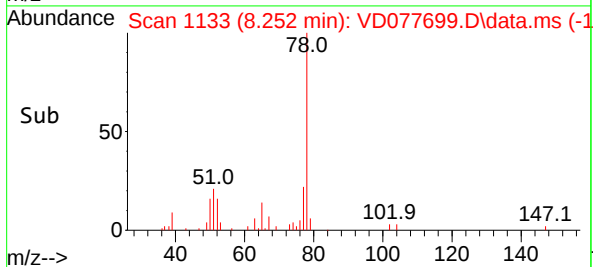
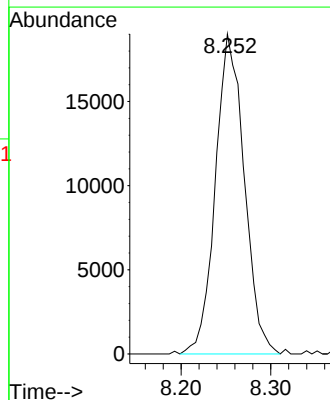
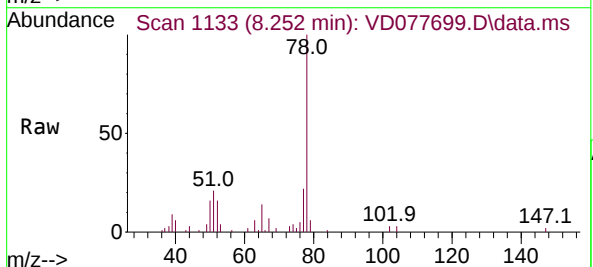


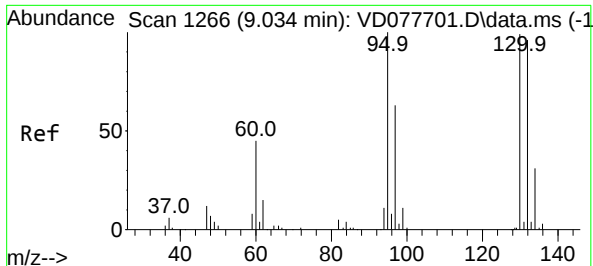
Tgt Ion:117 Resp: 13897
Ion Ratio Lower Upper
117 100
119 103.4 76.3 114.5



#33
Benzene
Concen: 2.282 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

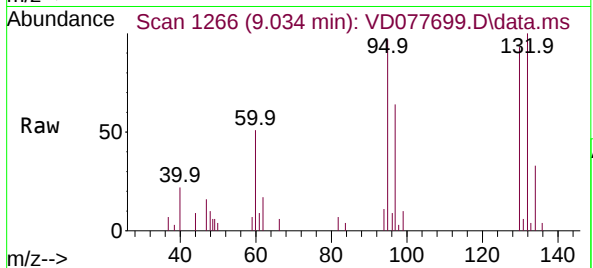
Tgt Ion: 78 Resp: 42367



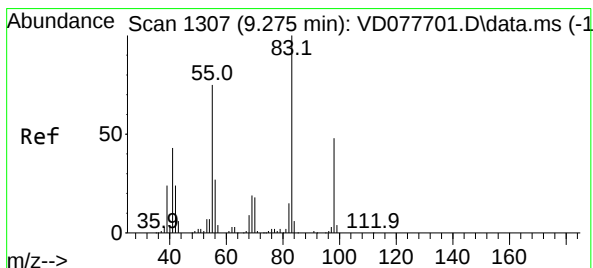
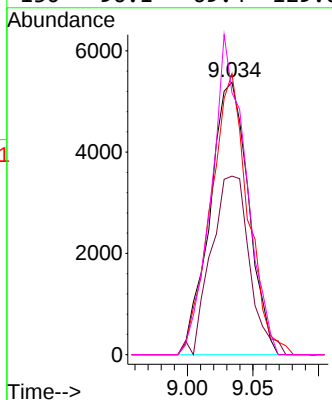
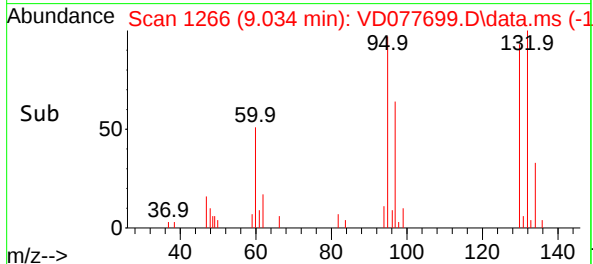


#34
Trichloroethene
Concen: 2.389 ug/L
RT: 9.034 min Scan# 11012
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

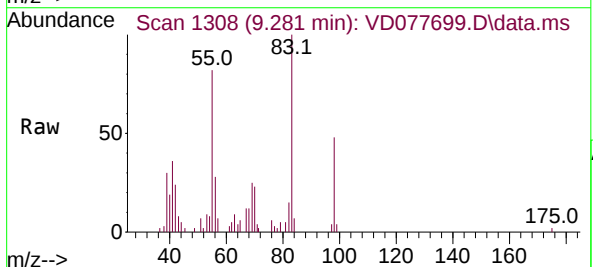
Instrument :
MSVOA_D
ClientSampleId :



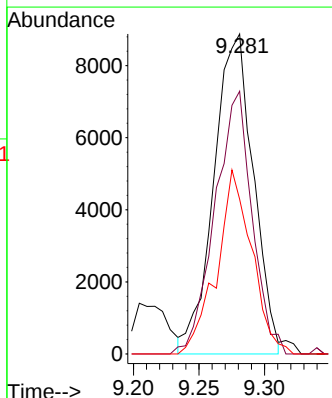
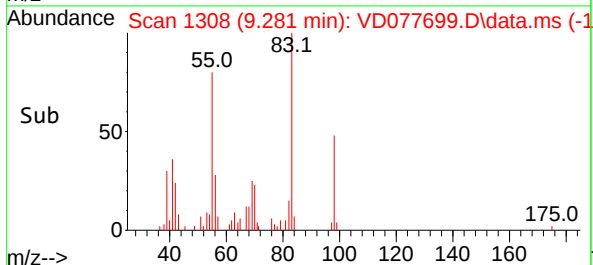
Tgt Ion:	95	Resp:	11012
Ion	Ratio	Lower	Upper
95	100		
97	65.5	44.2	82.0
132	103.1	67.5	125.3
130	96.1	69.4	129.0

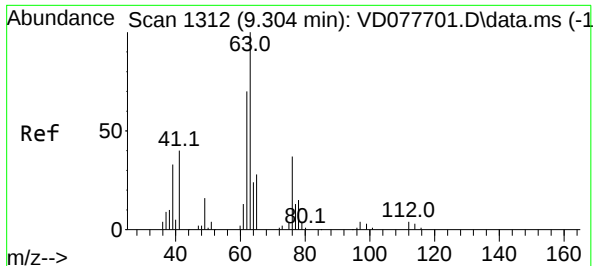


#35
Methylcyclohexane
Concen: 2.241 ug/L
RT: 9.281 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35



Tgt Ion:	83	Resp:	18615
Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.8	89.6
98	50.9	38.5	57.7





#37

1,2-Dichloropropane

Concen: 2.152 ug/L

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

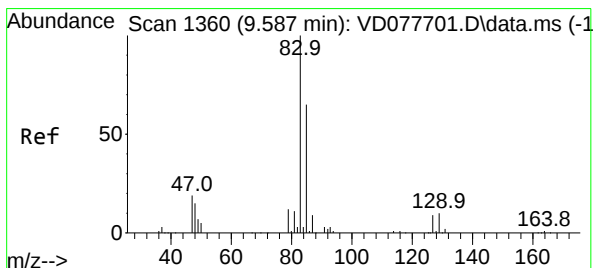
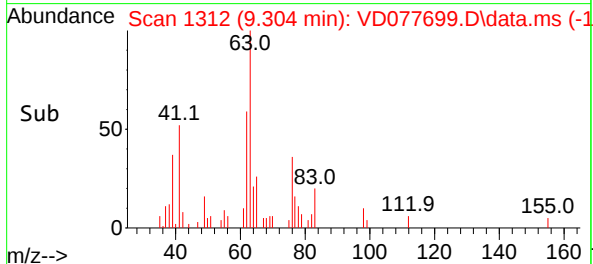
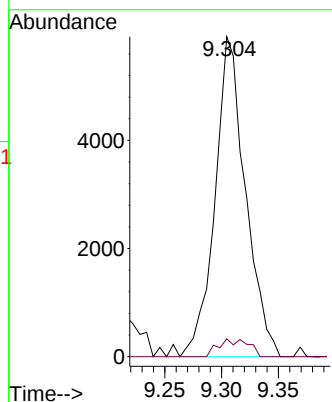
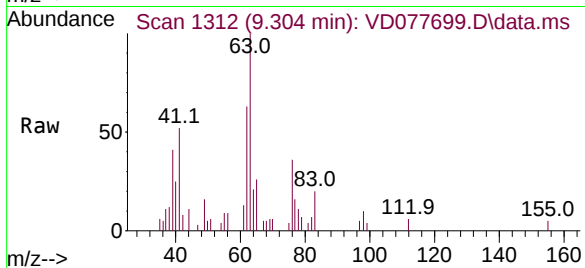
ClientSampleId :

Tgt Ion: 63 Resp: 11041

Ion Ratio Lower Upper

63 100

112 3.0 3.5 5.3#



#38

Bromodichloromethane

Concen: 2.356 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

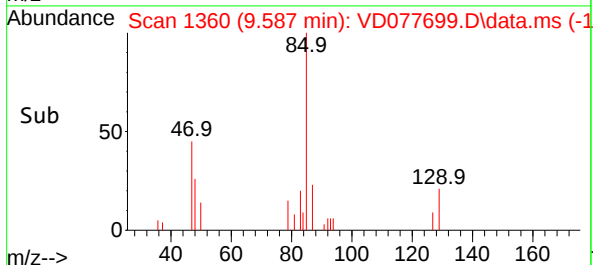
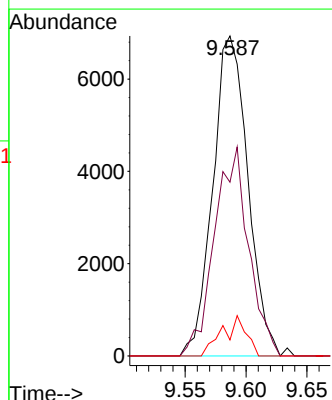
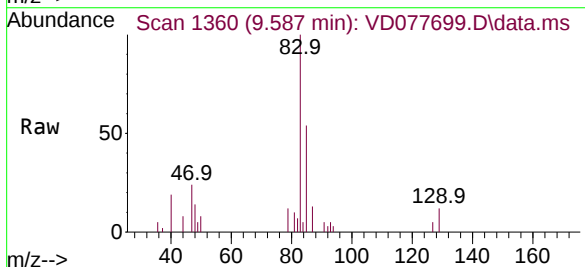
Tgt Ion: 83 Resp: 13902

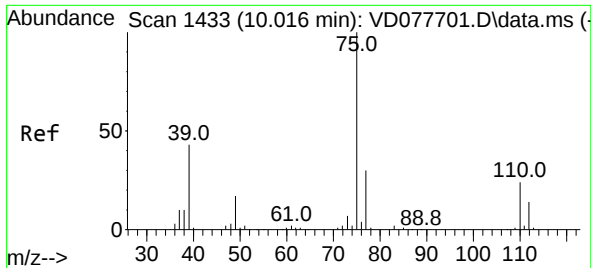
Ion Ratio Lower Upper

83 100

85 54.3 45.5 84.5

127 5.0 7.4 11.2#

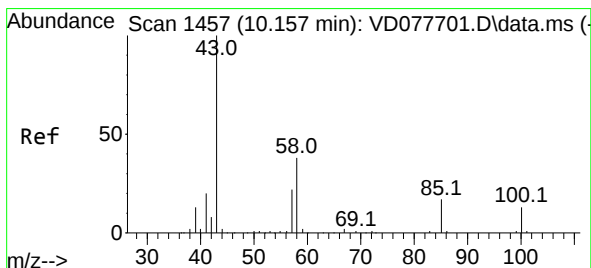
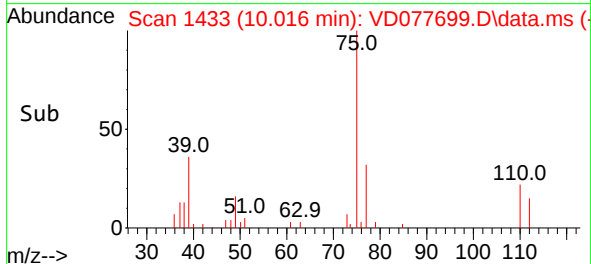
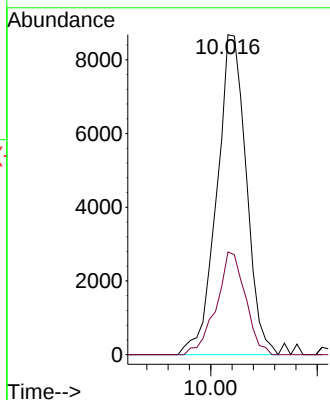
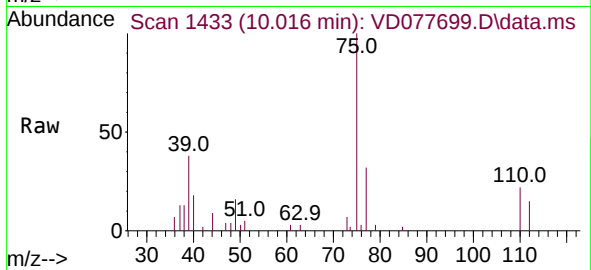




#39
 cis-1,3-Dichloropropene
 Concen: 2.113 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

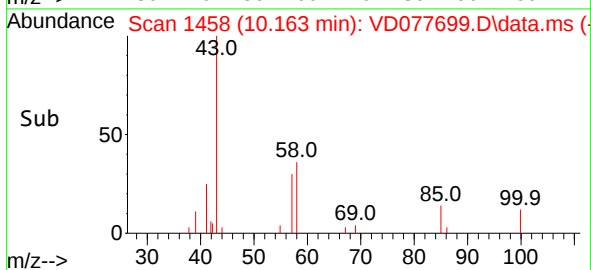
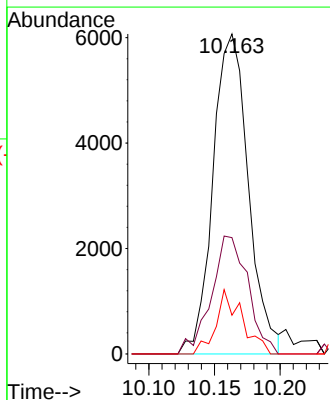
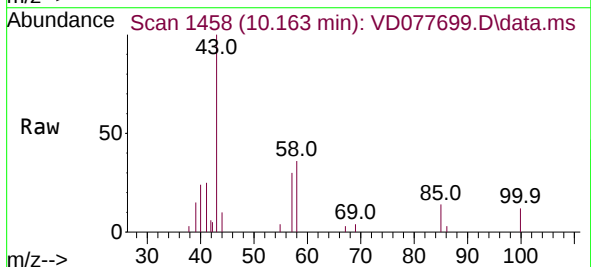
Instrument :
 MSVOA_D
 ClientSampleId :

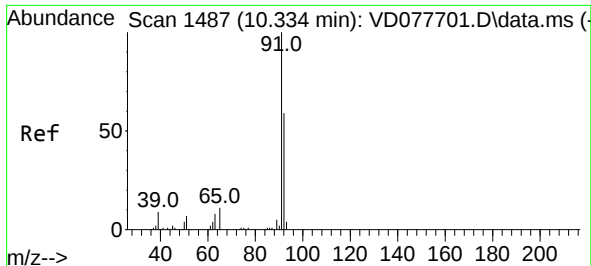
Tgt Ion: 75 Resp: 16625
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.2 39.4



#40
 4-Methyl-2-pentanone
 Concen: 3.721 ug/L
 RT: 10.163 min Scan# 1458
 Delta R.T. 0.006 min
 Lab File: VD077699.D
 Acq: 29 Nov 2023 14:35

Tgt Ion: 43 Resp: 11387
 Ion Ratio Lower Upper
 43 100
 58 38.2 31.0 46.4
 100 13.0 11.9 17.9





#42

Toluene

Concen: 2.269 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

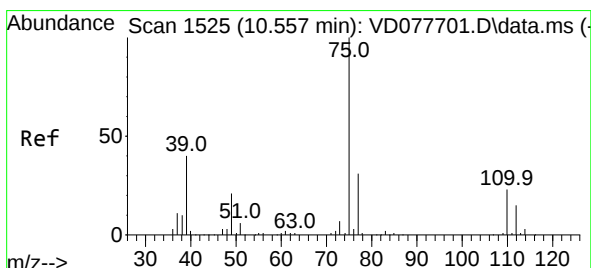
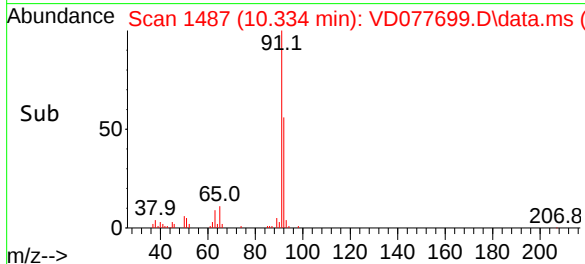
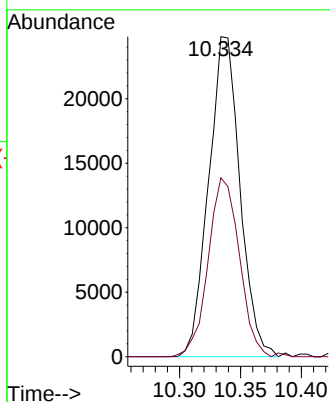
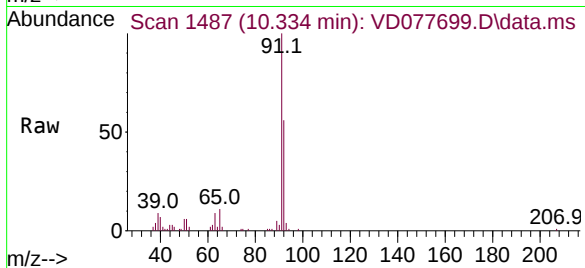
ClientSampleId :

Tgt Ion: 91 Resp: 44423

Ion Ratio Lower Upper

91 100

92 55.9 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 2.091 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. 0.000 min

Lab File: VD077699.D

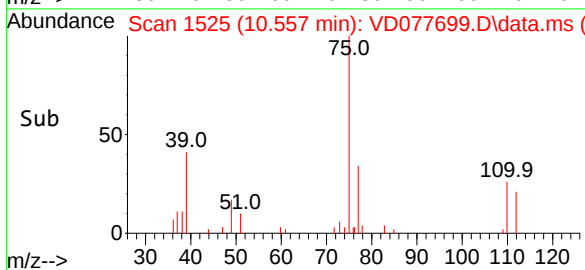
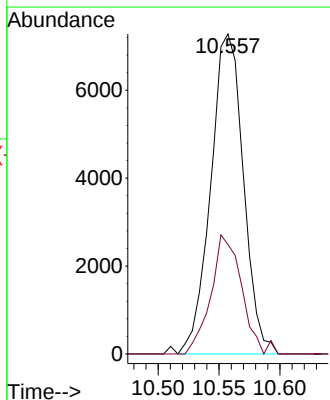
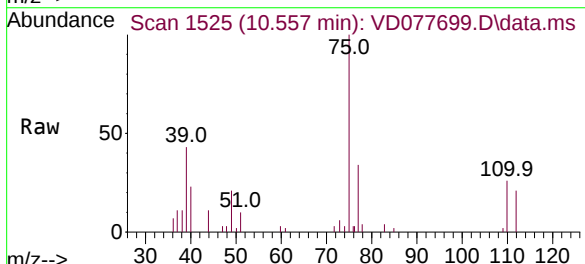
Acq: 29 Nov 2023 14:35

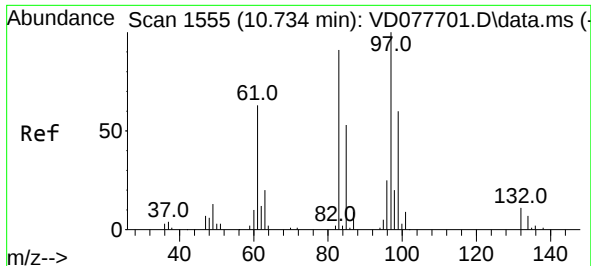
Tgt Ion: 75 Resp: 13613

Ion Ratio Lower Upper

75 100

77 34.2 22.0 40.8

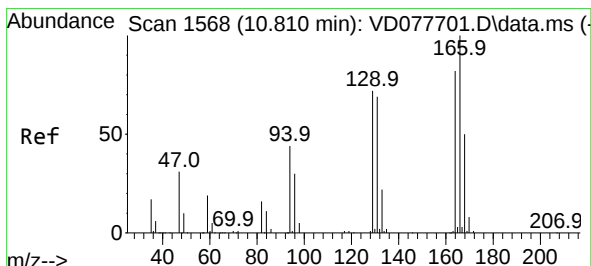
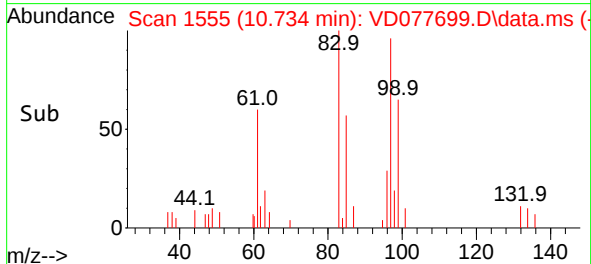
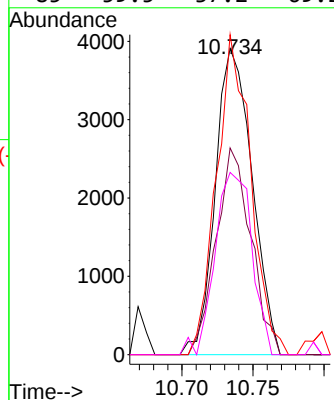
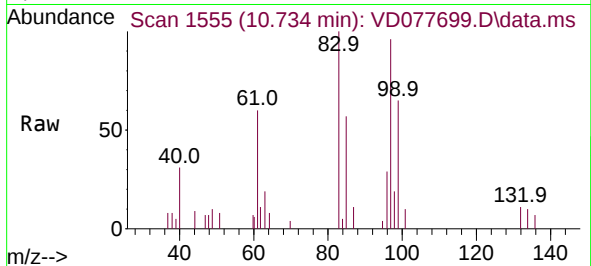




#45
1,1,2-Trichloroethane
Concen: 2.224 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

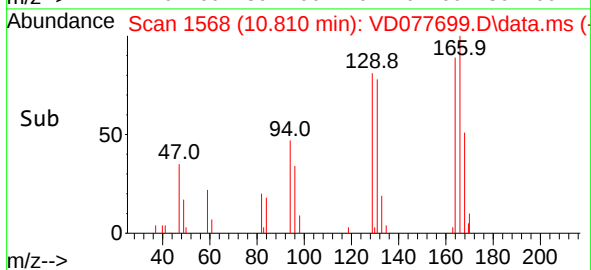
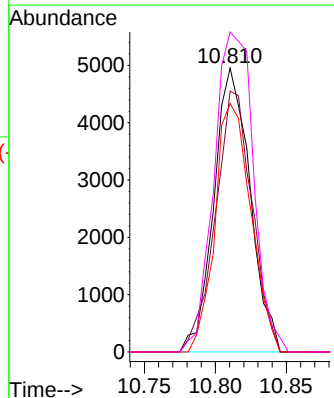
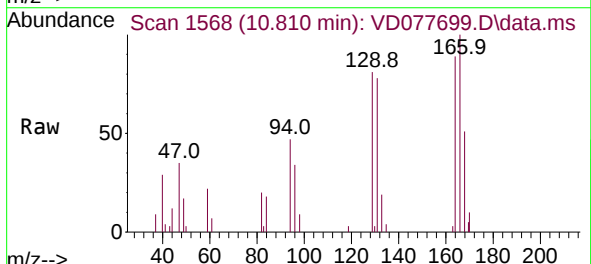
Instrument :
MSVOA_D
ClientSampleId :

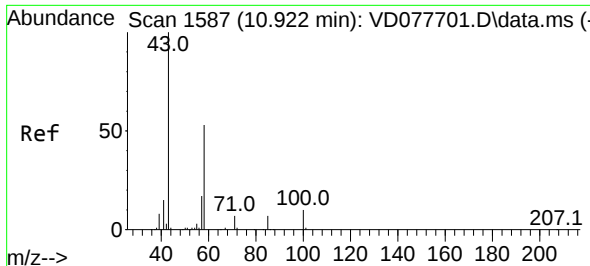
Tgt Ion:	97	Resp:	7058
Ion	Ratio	Lower	Upper
97	100		
99	67.5	41.7	77.5
83	104.5	63.6	118.2
85	59.5	37.2	69.2



#46
Tetrachloroethene
Concen: 2.551 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

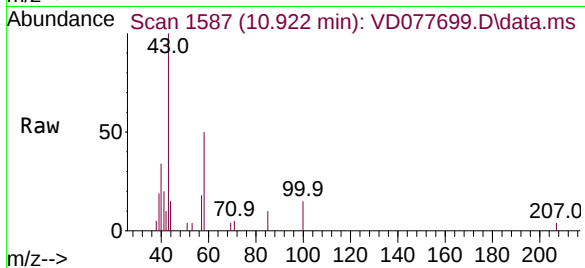
Tgt Ion:	164	Resp:	8768
Ion	Ratio	Lower	Upper
164	100		
129	91.8	61.5	114.3
131	87.5	59.1	109.9
166	112.7	85.4	158.6



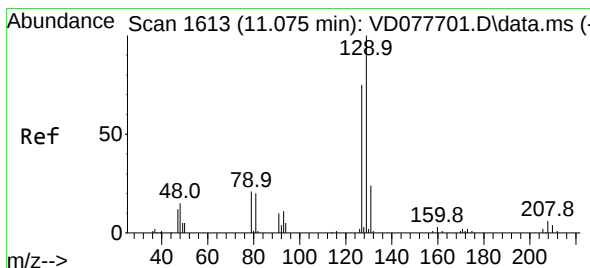
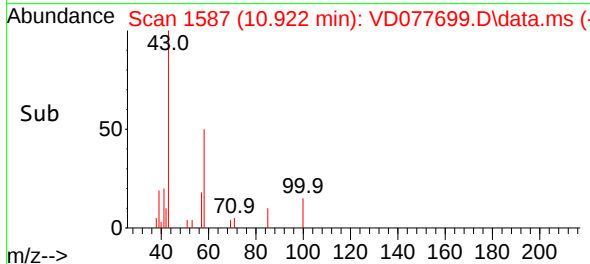
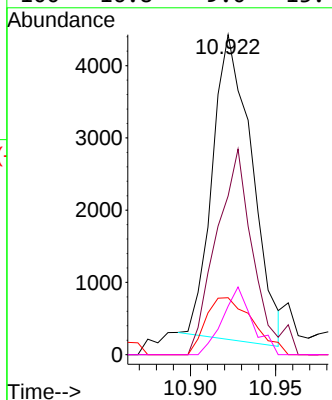


#48
2-Hexanone
Concen: 2.737 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :

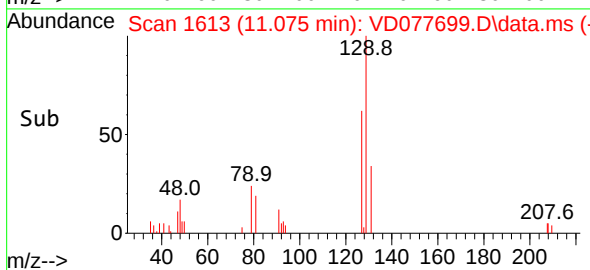
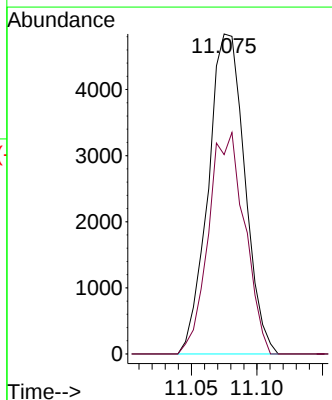
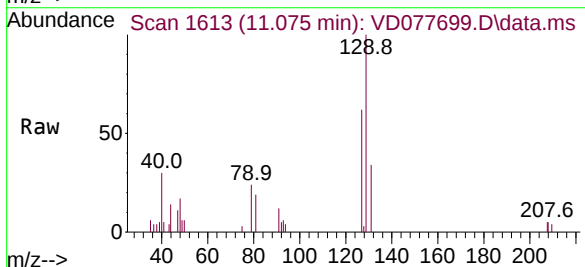


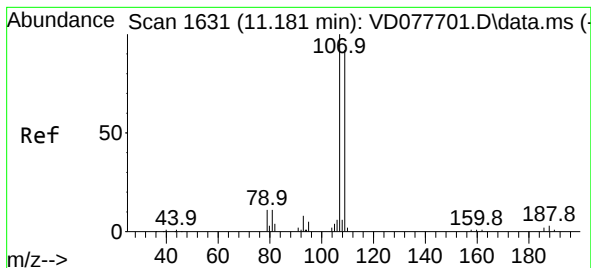
Tgt Ion: 43	Resp: 6793
Ion Ratio	Lower Upper
43 100	
58 61.2	43.0 64.6
57 22.4	13.8 20.8#
100 16.8	9.0 13.4#



#49
Dibromochloromethane
Concen: 2.587 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

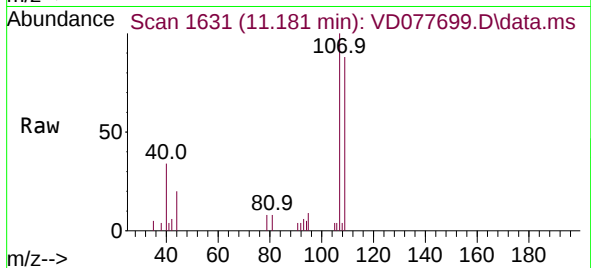
Tgt Ion:129	Resp:	9372	
Ion	Ratio	Lower	Upper
129	100		
127	62.3	52.8	98.2



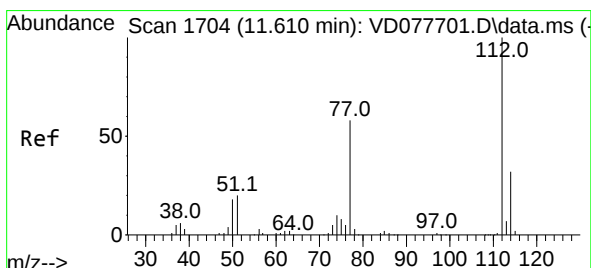
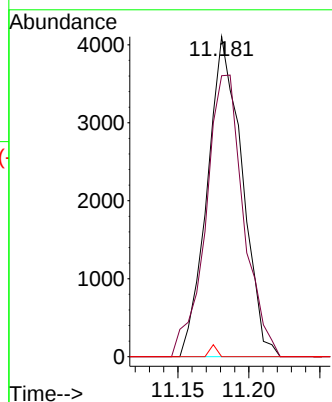
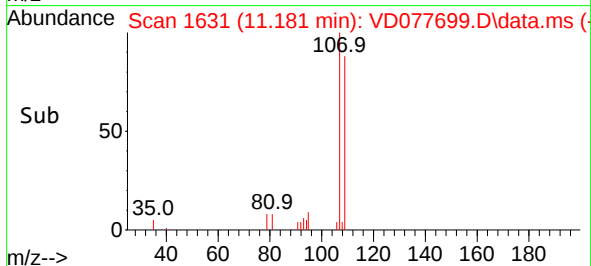


#50
1,2-Dibromoethane
Concen: 2.303 ug/L
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Instrument :
MSVOA_D
ClientSampleId :

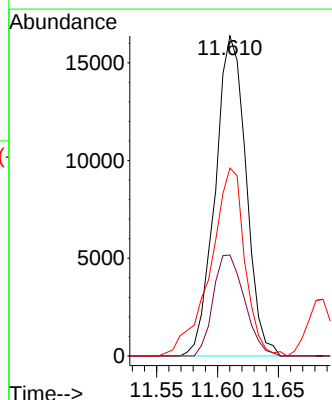
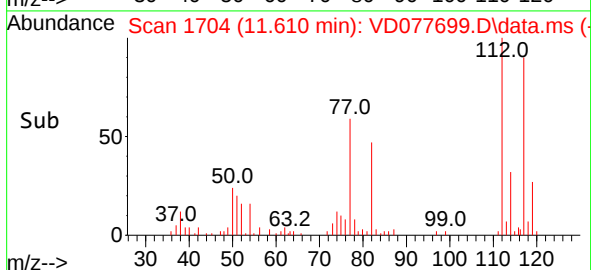
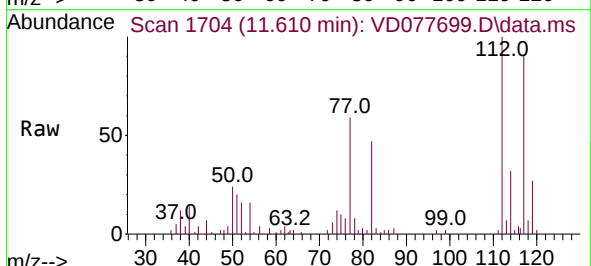


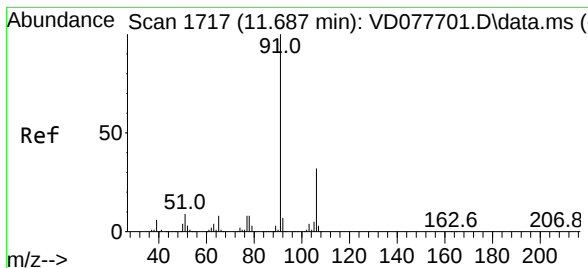
Tgt Ion:107 Resp: 7001
Ion Ratio Lower Upper
107 100
109 87.8 64.2 119.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 2.496 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Tgt Ion:112 Resp: 28860
Ion Ratio Lower Upper
112 100
114 31.6 22.5 41.9
77 58.7 46.4 69.6

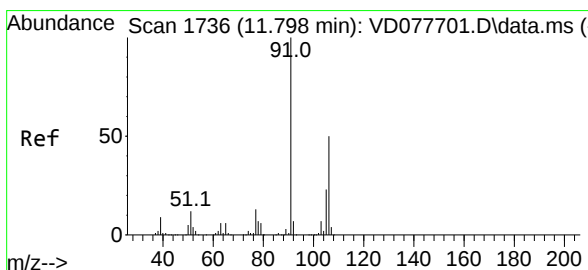
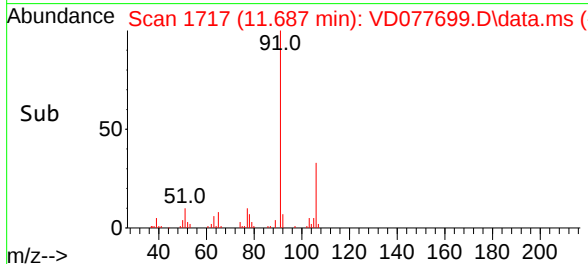
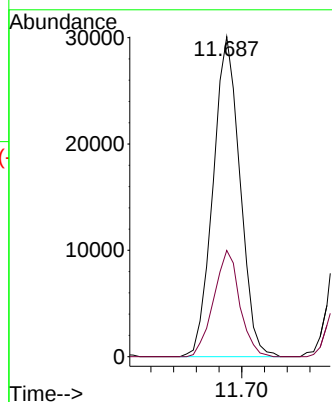
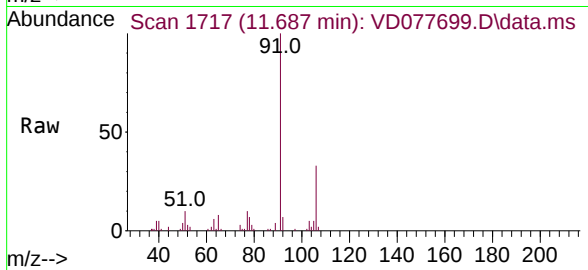




#52
Ethylbenzene
Concen: 2.305 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

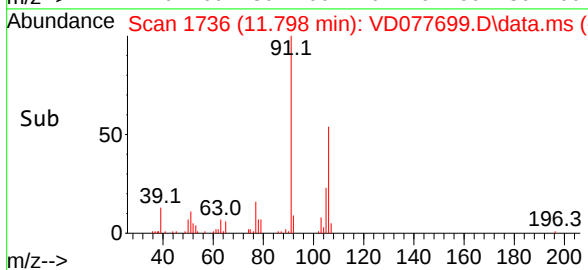
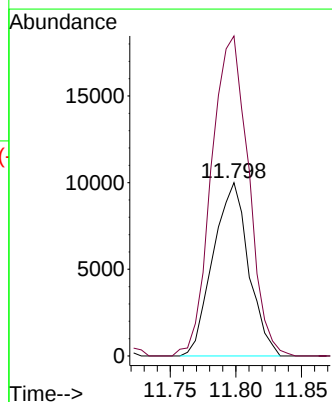
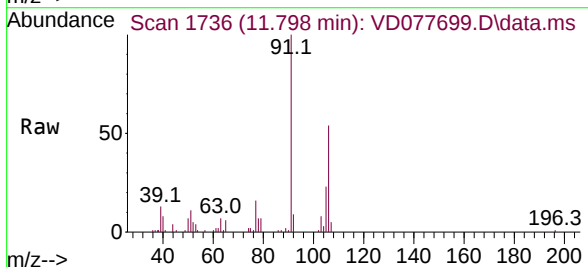
Instrument :
MSVOA_D
ClientSampleId :

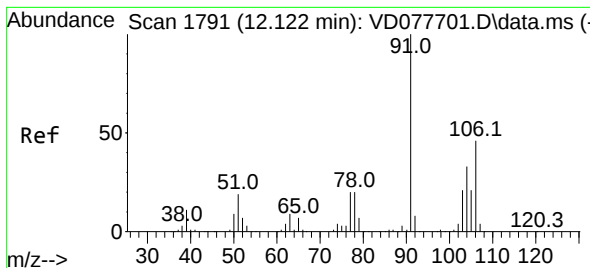
Tgt Ion: 91 Resp: 49530
Ion Ratio Lower Upper
91 100
106 33.2 22.4 41.6



#53
m,p-Xylene
Concen: 2.399 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Tgt Ion: 106 Resp: 18878
Ion Ratio Lower Upper
106 100
91 184.6 140.8 261.6





#54

o-Xylene

Concen: 2.146 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

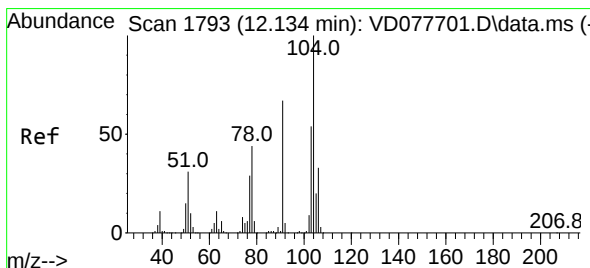
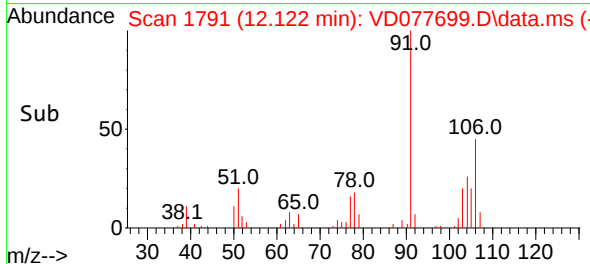
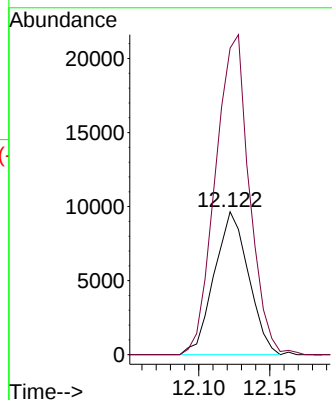
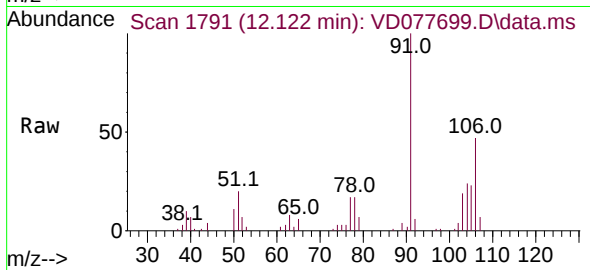
ClientSampleId :

Tgt Ion:106 Resp: 16237

Ion Ratio Lower Upper

106 100

91 214.4 152.2 282.7



#55

Styrene

Concen: 2.094 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD077699.D

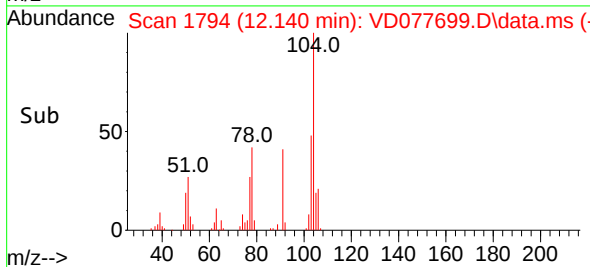
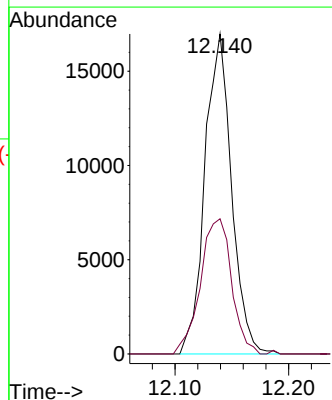
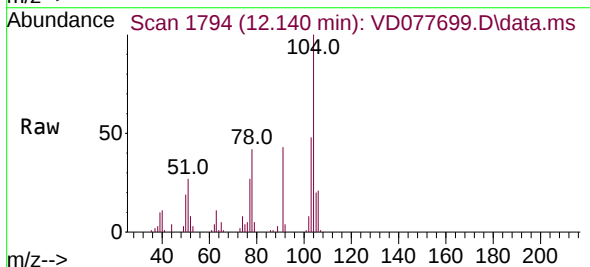
Acq: 29 Nov 2023 14:35

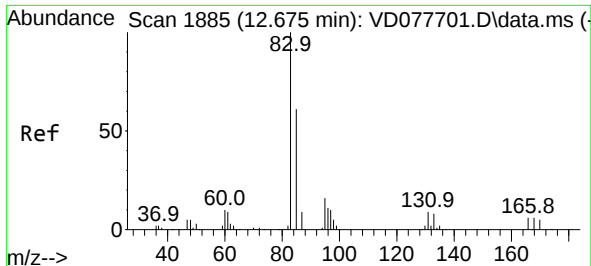
Tgt Ion:104 Resp: 27716

Ion Ratio Lower Upper

104 100

78 42.3 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 2.137 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

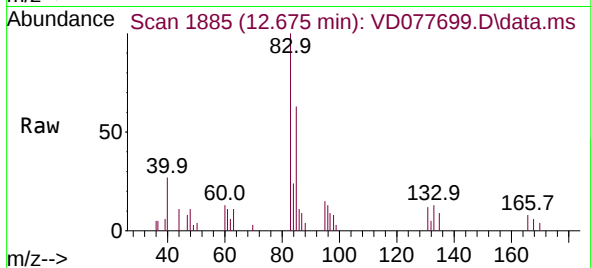
Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

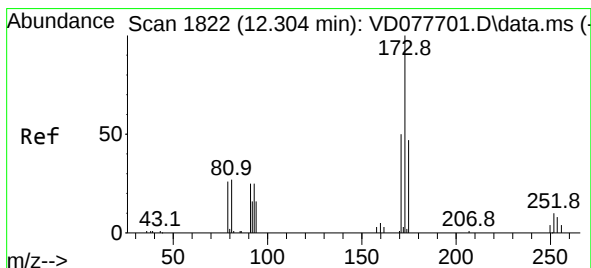
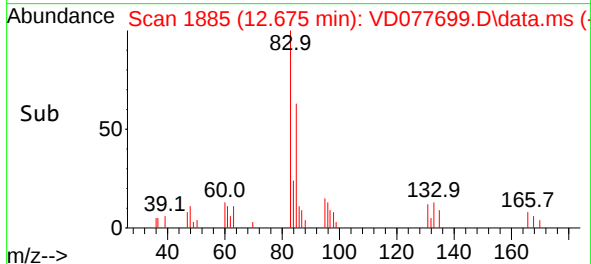
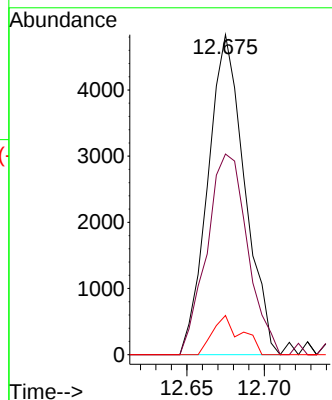
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	83	Resp:	7967
Ion	Ratio	Lower	Upper
83	100		
85	62.7	43.3	80.5
131	12.3	7.3	10.9



#59

Bromoform

Concen: 2.505 ug/L

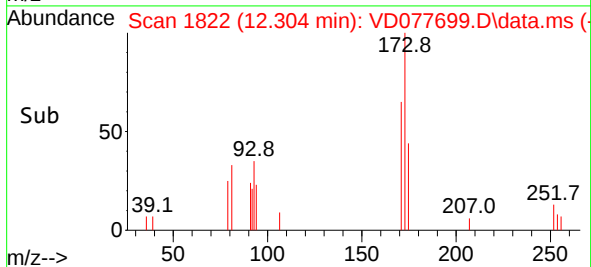
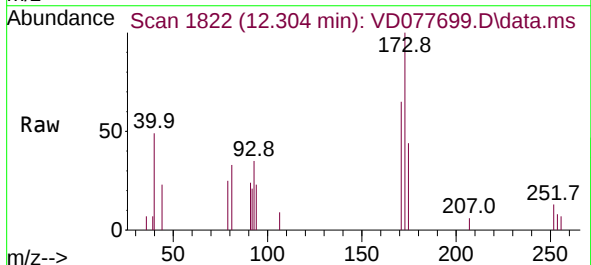
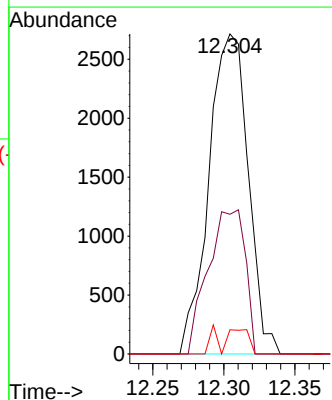
RT: 12.304 min Scan# 1822

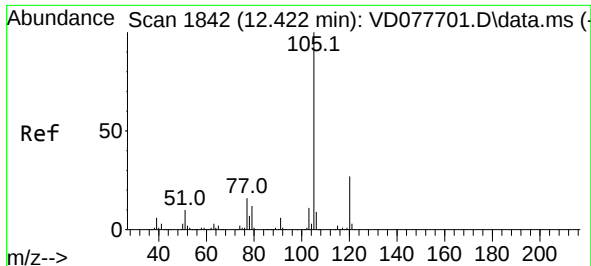
Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Tgt Ion:	173	Resp:	5224
Ion	Ratio	Lower	Upper
173	100		
175	42.6	38.7	58.1
254	4.1	1.8	2.8

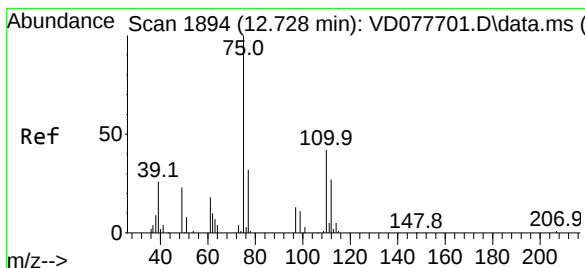
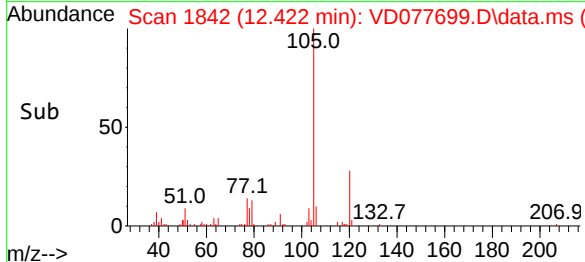
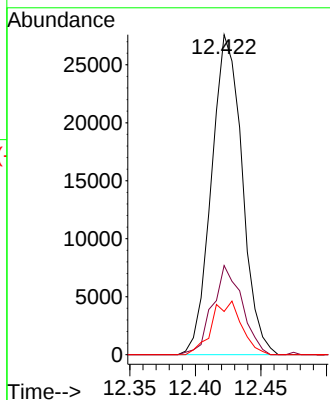
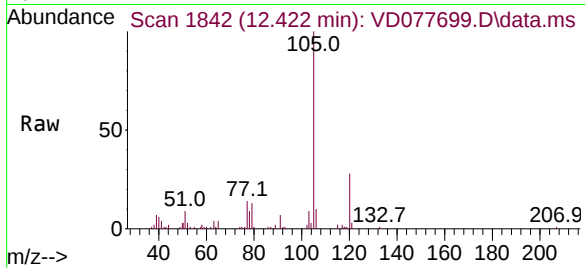




#60
Isopropylbenzene
Concen: 2.284 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

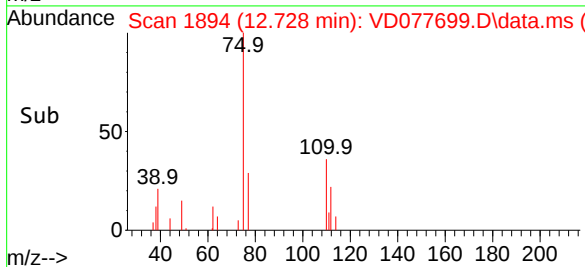
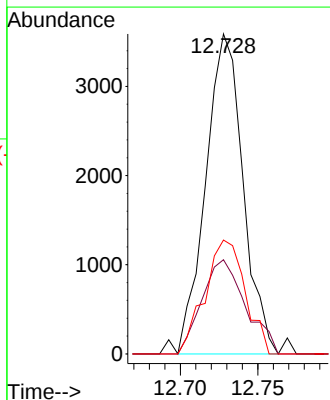
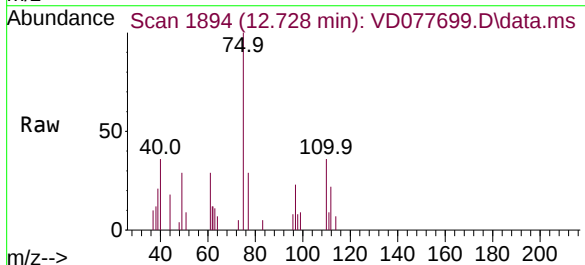
Instrument :
MSVOA_D
ClientSampleId :

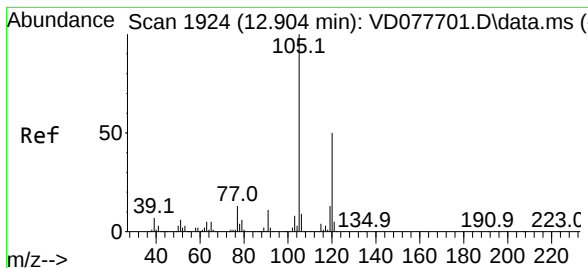
Tgt Ion:105 Resp: 44931
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 16.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 2.349 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Tgt Ion: 75 Resp: 6008
Ion Ratio Lower Upper
75 100
77 34.4 26.8 40.2
110 38.4 33.4 50.2





#62

1,3,5-Trimethylbenzene

Concen: 2.226 ug/L

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

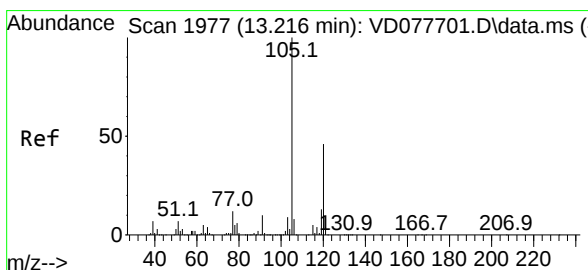
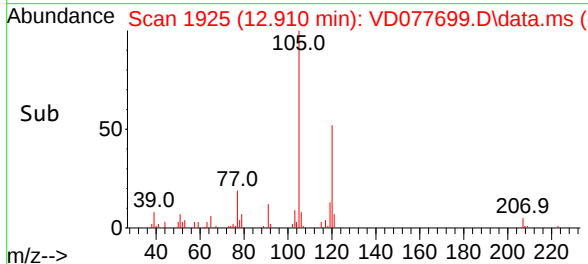
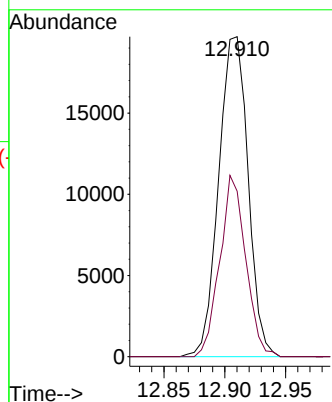
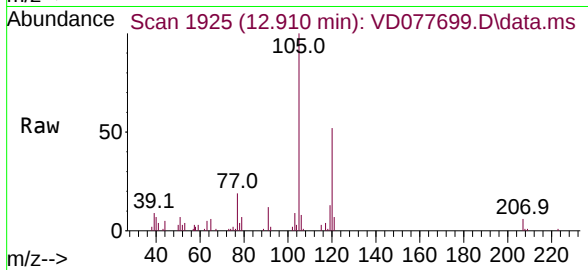
ClientSampleId :

Tgt Ion:105 Resp: 33092

Ion Ratio Lower Upper

105 100

120 50.0 39.5 59.3



#63

1,2,4-Trimethylbenzene

Concen: 2.170 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. 0.000 min

Lab File: VD077699.D

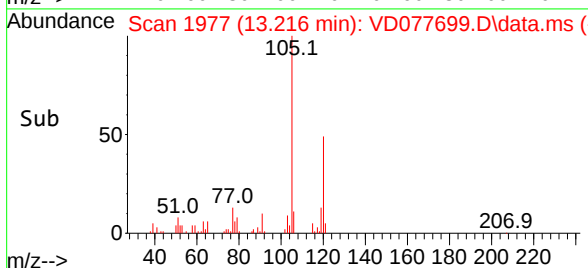
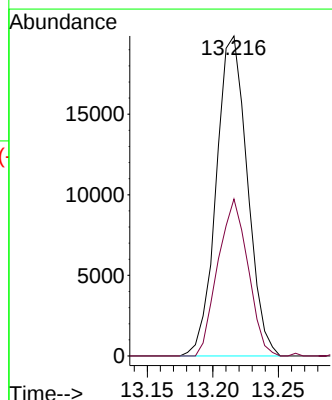
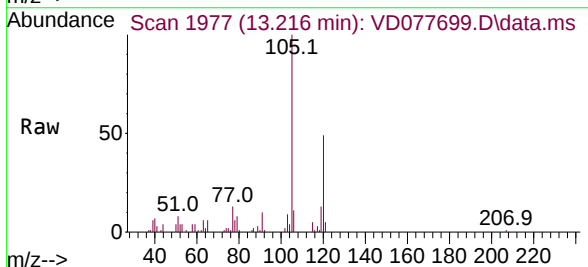
Acq: 29 Nov 2023 14:35

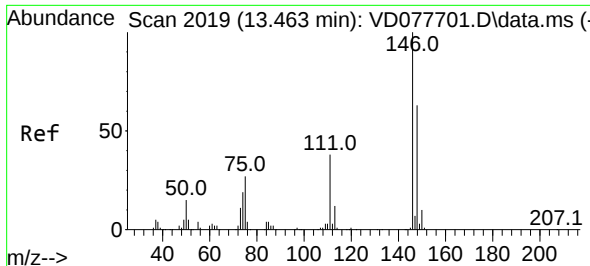
Tgt Ion:105 Resp: 32726

Ion Ratio Lower Upper

105 100

120 47.5 37.1 55.7

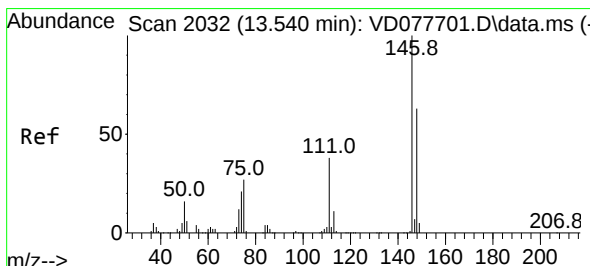
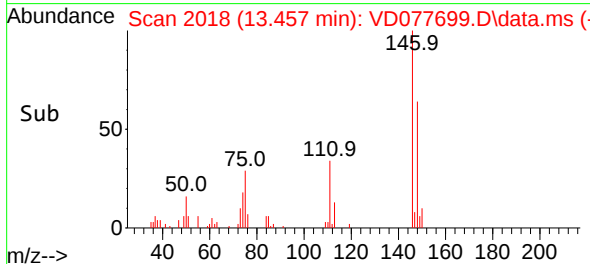
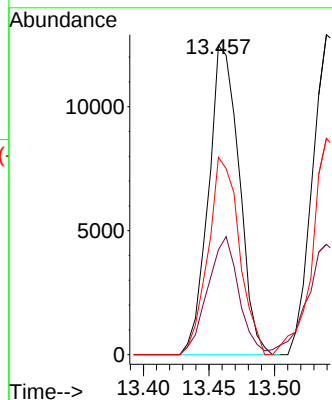
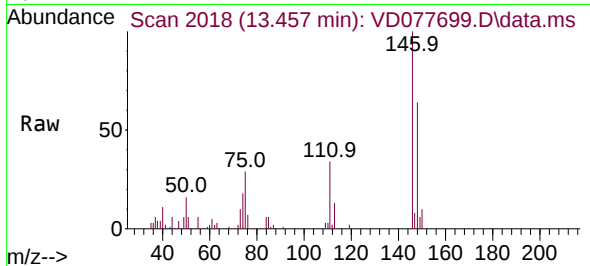




#64
1,3-Dichlorobenzene
Concen: 2.502 ug/L
RT: 13.457 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

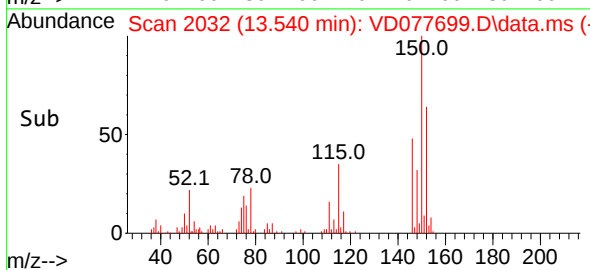
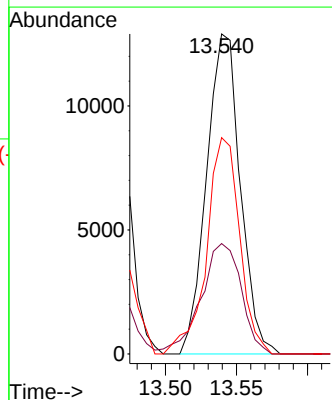
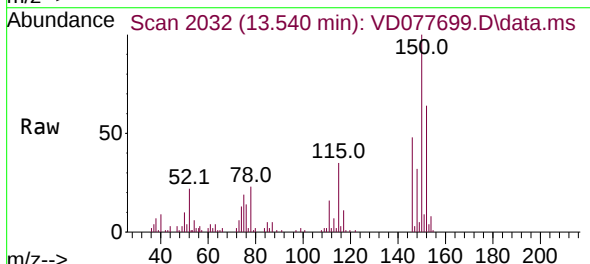
Instrument :
MSVOA_D
ClientSampleId :

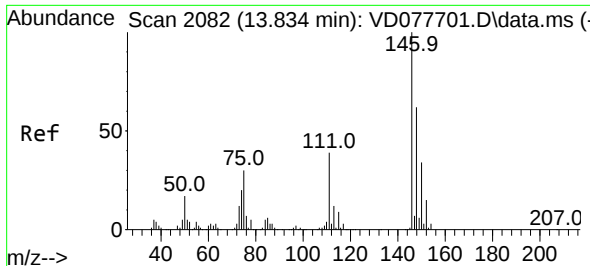
Tgt Ion:146 Resp: 20299
Ion Ratio Lower Upper
146 100
111 34.0 26.6 49.4
148 63.8 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 2.587 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077699.D
Acq: 29 Nov 2023 14:35

Tgt Ion:146 Resp: 21295
Ion Ratio Lower Upper
146 100
111 34.5 26.4 49.0
148 67.6 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 2.455 ug/L

RT: 13.840 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

ClientSampleId :

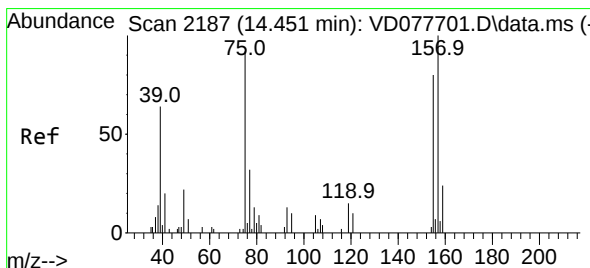
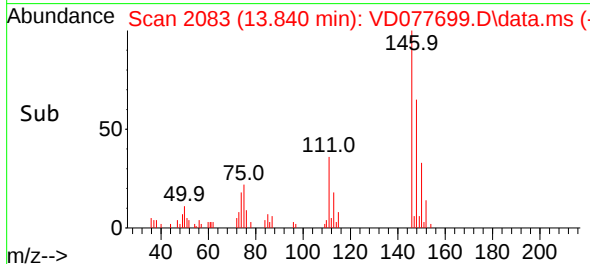
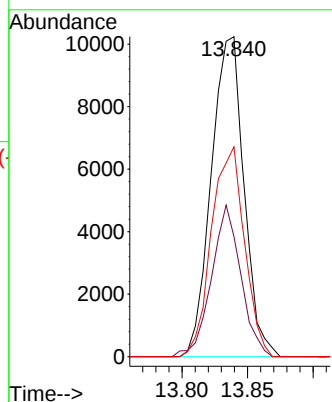
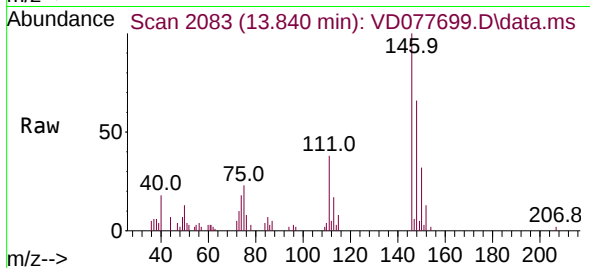
Tgt Ion:146 Resp: 17741

Ion Ratio Lower Upper

146 100

111 37.6 31.4 47.2

148 65.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 2.842 ug/L

RT: 14.457 min Scan# 2188

Delta R.T. 0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

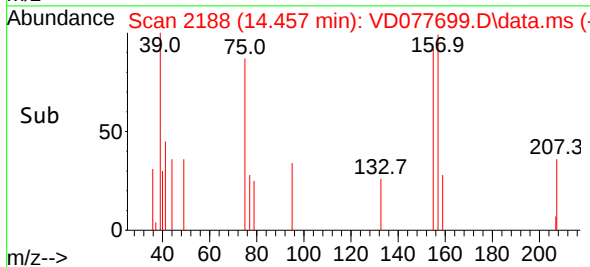
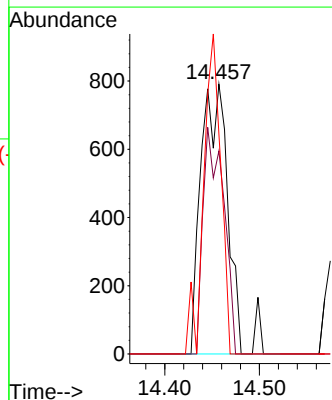
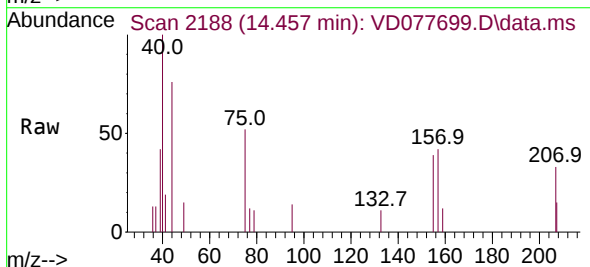
Tgt Ion: 75 Resp: 1593

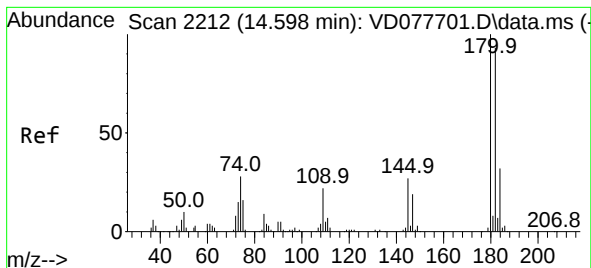
Ion Ratio Lower Upper

75 100

155 75.2 69.2 103.8

157 81.4 86.6 130.0#





#69

1,3,5-Trichlorobenzene

Concen: 2.384 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. 0.000 min

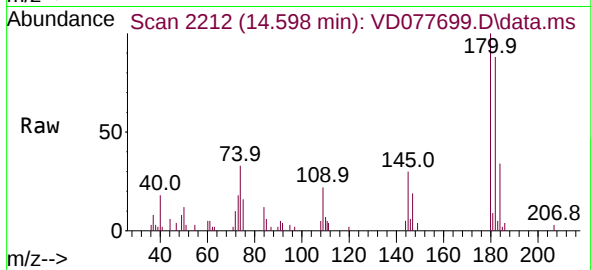
Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 13154

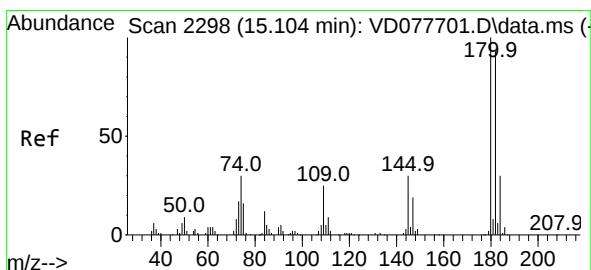
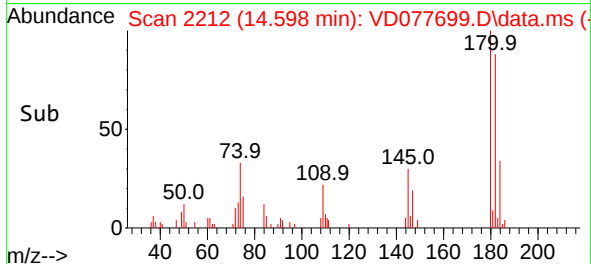
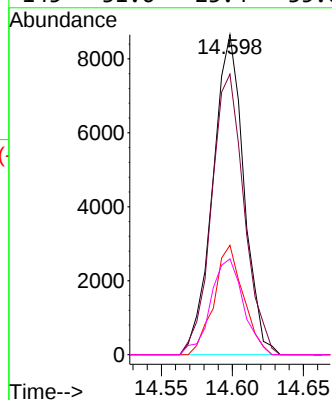
Ion Ratio Lower Upper

180 100

182 91.8 77.0 115.4

184 32.3 24.3 36.5

145 31.6 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 2.452 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

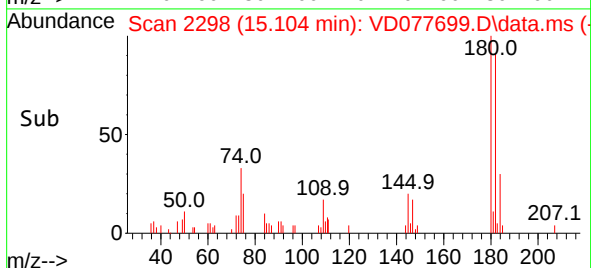
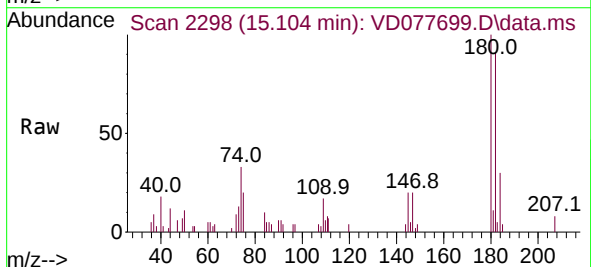
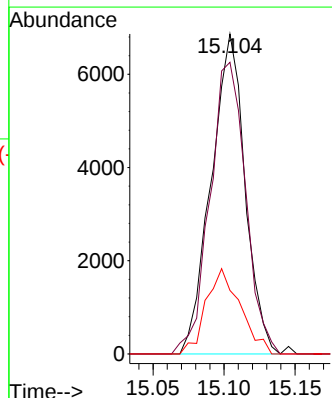
Tgt Ion:180 Resp: 11391

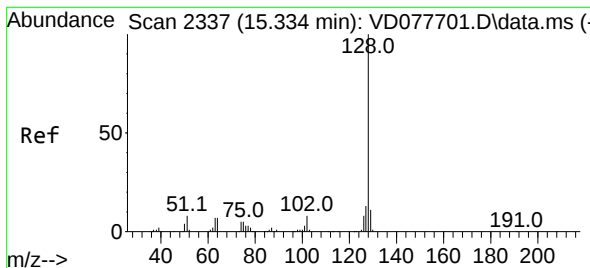
Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

145 27.0 23.9 35.9





#71

Naphthalene

Concen: 2.151 ug/L

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077699.D

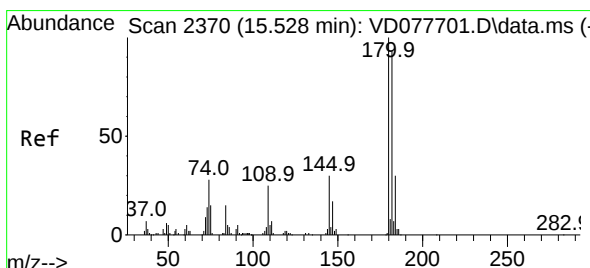
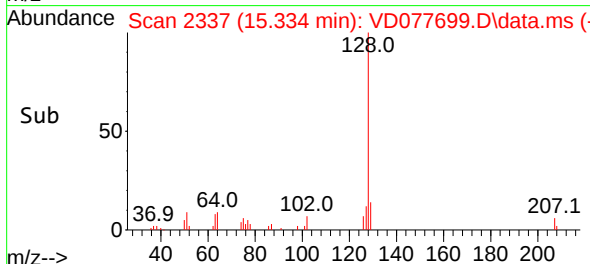
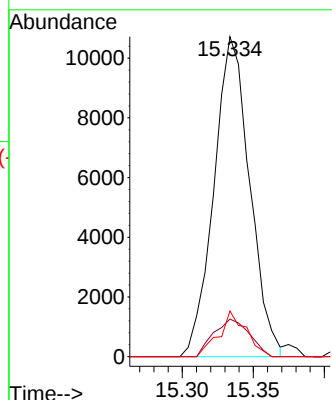
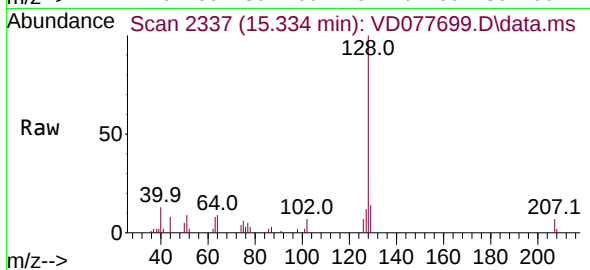
Acq: 29 Nov 2023 14:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	18786
Ion Ratio	Lower	Upper
128	100	
127	11.7	10.5 15.7
129	10.9	8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 2.514 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077699.D

Acq: 29 Nov 2023 14:35

Tgt Ion:180	Resp:	10016
Ion Ratio	Lower	Upper
180	100	
182	89.2	77.3 115.9
145	26.9	25.2 37.8

