

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077700.D
 Acq On : 29 Nov 2023 15:02
 Operator : JC/SY
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 23:55:05 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	308456	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	281609	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	134610	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	44678	5.605	ug/L	0.00
7) Chloroethane-d5	2.805	69	37182	6.003	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.928	65	12181	5.163	ug/L	0.00
21) 2-Butanone-d5	6.993	46	10015	7.754	ug/L	0.00
24) Chloroform-d	7.569	84	42812	4.901	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.240	65	21251	4.587	ug/L	0.00
32) Benzene-d6	8.204	84	88192	4.919	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.216	67	26965	4.679	ug/L	0.00
41) Toluene-d8	10.275	98	77880	4.765	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.528	79	12148	4.863	ug/L	0.00
47) 2-Hexanone-d5	10.881	63	8990	8.781	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.651	84	20452	5.287	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.816	152	24200	5.114	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	24063	4.845	ug/L	98
3) Chloromethane	2.152	50	35765	5.011	ug/L	97
5) Vinyl chloride	2.287	62	42089	5.122	ug/L	96
6) Bromomethane	2.693	94	21916	5.088	ug/L	100
8) Chloroethane	2.840	64	27032	5.305	ug/L	99
9) Trichlorofluoromethane	3.175	101	38002	5.198	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	21852	4.854	ug/L	97
12) 1,1-Dichloroethene	3.946	96	20311	4.681	ug/L #	68
13) Acetone	4.034	43	11262	7.953	ug/L	89
14) Carbon disulfide	4.275	76	71319	4.541	ug/L	99
15) Methyl Acetate	4.569	43	10401	4.596	ug/L	91
16) Methylene chloride	4.805	84	31032	5.991	ug/L	97
17) trans-1,2-Dichloroethene	5.322	96	21576	4.730	ug/L	89
18) Methyl tert-butyl Ether	5.322	73	48857	4.633	ug/L #	78
19) 1,1-Dichloroethane	6.110	63	40424	4.469	ug/L	99
20) cis-1,2-Dichloroethene	7.087	96	23475	4.741	ug/L	96
22) 2-Butanone	7.093	43	11882	6.995	ug/L #	51
23) Bromochloromethane	7.428	128	10057	5.018	ug/L	87
25) Chloroform	7.599	83	40430	4.829	ug/L	94
27) 1,2-Dichloroethane	8.328	62	26142	4.737	ug/L	95
29) Cyclohexane	7.875	56	35231	3.974	ug/L	98
30) 1,1,1-Trichloroethane	7.799	97	36292	5.001	ug/L	97
31) Carbon tetrachloride	7.993	117	31409	4.998	ug/L	99
33) Benzene	8.252	78	92808	4.825	ug/L	100
34) Trichloroethene	9.028	95	22365	4.684	ug/L	95
35) Methylcyclohexane	9.275	83	38241	4.443	ug/L	98
37) 1,2-Dichloropropane	9.310	63	24976	4.700	ug/L	99
38) Bromodichloromethane	9.587	83	30815	5.041	ug/L	97
39) cis-1,3-Dichloropropene	10.022	75	38155	4.681	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	27094	8.547	ug/L #	95
42) Toluene	10.334	91	93845	4.627	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	30999	4.596	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
 Data File : VD077700.D
 Acq On : 29 Nov 2023 15:02
 Operator : JC/SY
 Sample : VSTD005
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 29 23:55:05 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)

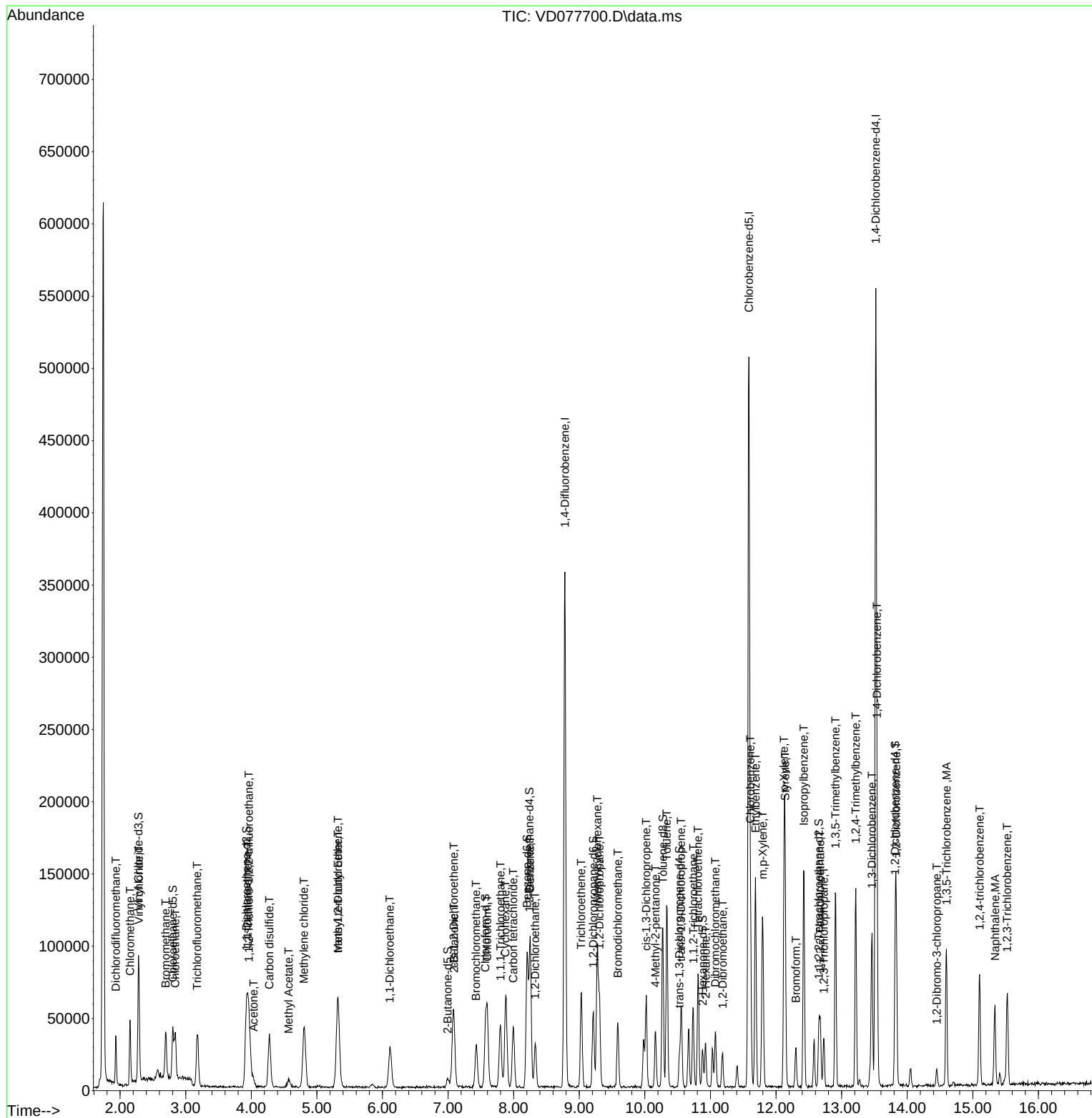
45) 1,1,2-Trichloroethane	10.740	97	16754	5.096	ug/L	93
46) Tetrachloroethene	10.810	164	17700	4.970	ug/L	94
48) 2-Hexanone	10.928	43	20619	8.020	ug/L #	98
49) Dibromochloromethane	11.075	129	19236	5.126	ug/L	93
50) 1,2-Dibromoethane	11.187	107	16173	5.135	ug/L #	91
51) Chlorobenzene	11.610	112	58846	4.914	ug/L	99
52) Ethylbenzene	11.687	91	103753	4.662	ug/L	99
53) m,p-Xylene	11.798	106	38738	4.751	ug/L	85
54) o-Xylene	12.122	106	36739	4.687	ug/L	95
55) Styrene	12.140	104	64561	4.708	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	20303	5.257	ug/L #	92
59) Bromoform	12.304	173	11733	5.162	ug/L #	98
60) Isopropylbenzene	12.422	105	98189	4.580	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	13362	4.793	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	72302	4.462	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	73454	4.470	ug/L	96
64) 1,3-Dichlorobenzene	13.463	146	43210	4.886	ug/L	95
65) 1,4-Dichlorobenzene	13.539	146	46136	5.143	ug/L	97
67) 1,2-Dichlorobenzene	13.834	146	38641	4.907	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	3384	5.539	ug/L	98
69) 1,3,5-Trichlorobenzene	14.598	180	29119	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	24880	4.914	ug/L	95
71) Naphthalene	15.339	128	46281	4.861	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	21942	5.053	ug/L	99

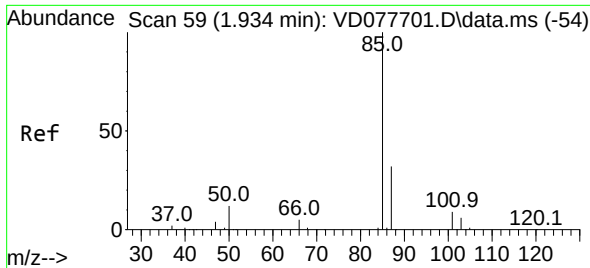
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112923\
Data File : VD077700.D
Acq On : 29 Nov 2023 15:02
Operator : JC/SY
Sample : VSTD005
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 29 23:55:05 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

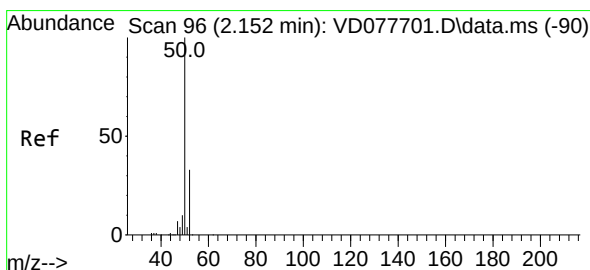
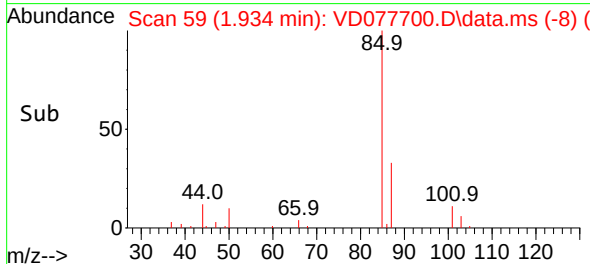
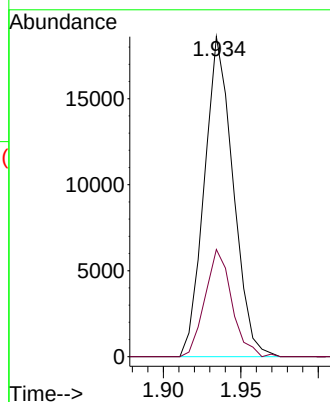
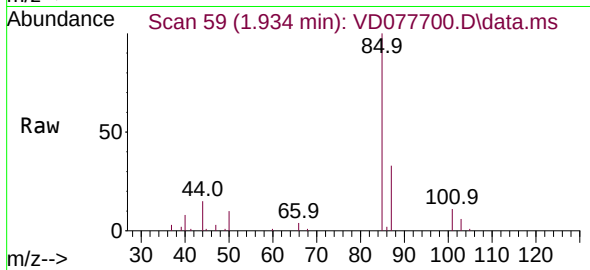




#2
 Dichlorodifluoromethane
 Concen: 4.845 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

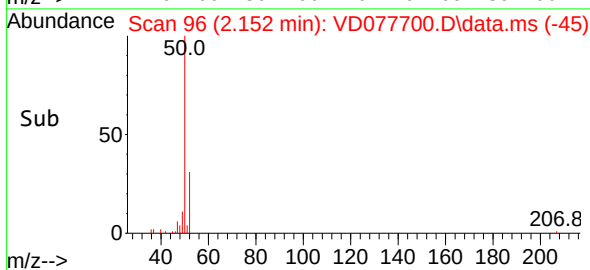
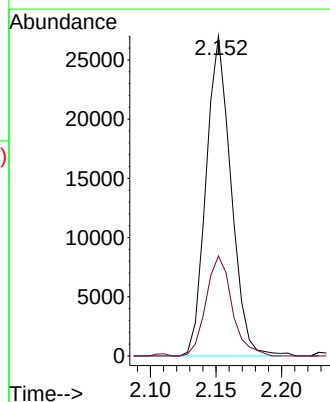
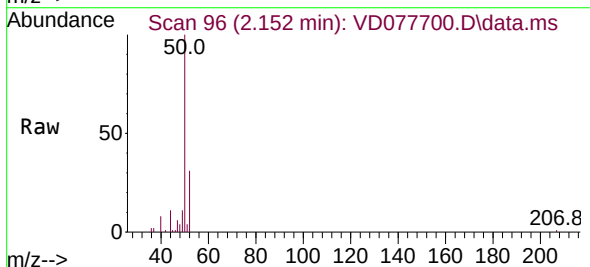
Instrument :
 MSVOA_D
 ClientSampleId :

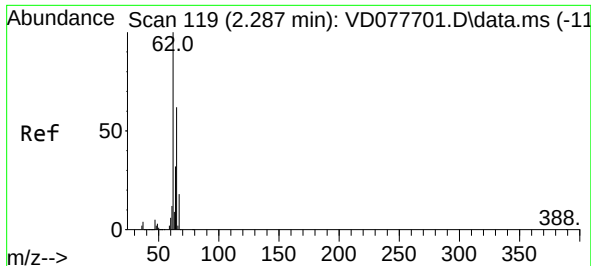
Tgt Ion: 85 Resp: 24063
 Ion Ratio Lower Upper
 85 100
 87 31.0 25.6 38.4



#3
 Chloromethane
 Concen: 5.011 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

Tgt Ion: 50 Resp: 35765
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.2 43.2

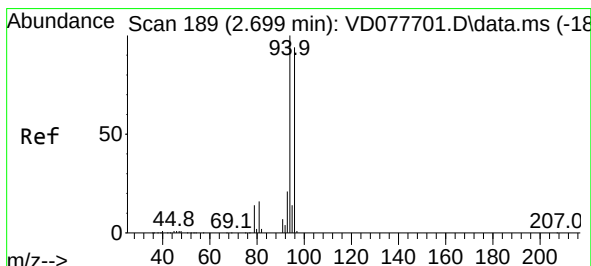
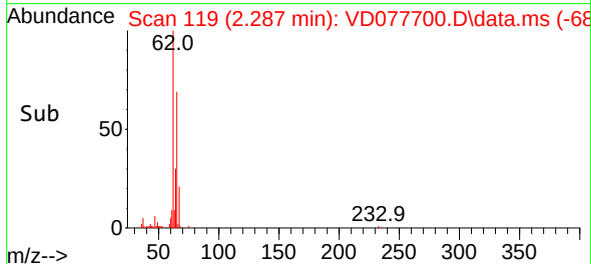
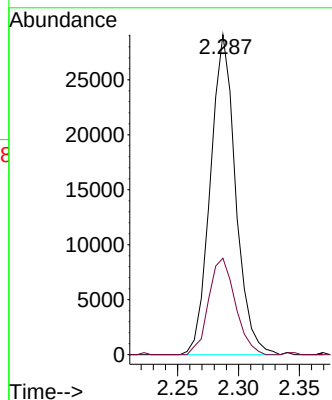
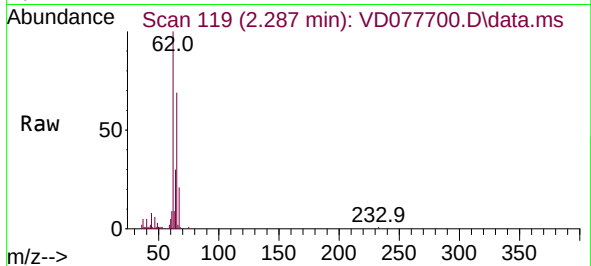




#5
 Vinyl chloride
 Concen: 5.122 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

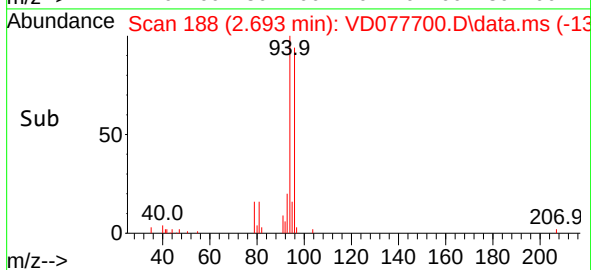
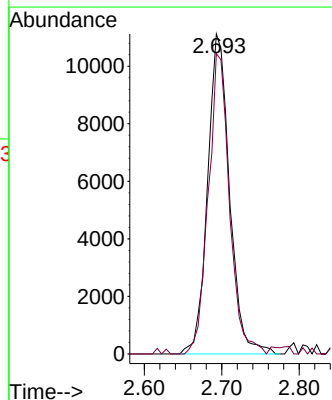
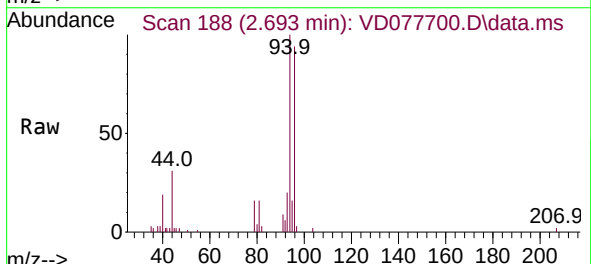
Instrument :
 MSVOA_D
 ClientSampleId :

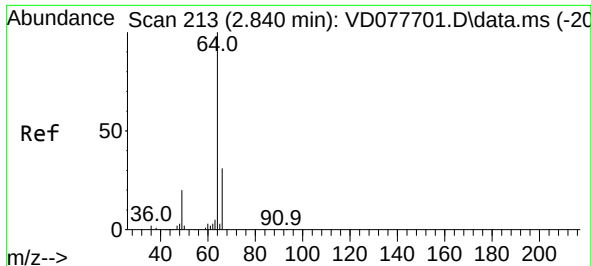
Tgt Ion: 62 Resp: 42089
 Ion Ratio Lower Upper
 62 100
 64 30.2 22.6 42.0



#6
 Bromomethane
 Concen: 5.088 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.006 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

Tgt Ion: 94 Resp: 21916
 Ion Ratio Lower Upper
 94 100
 96 93.8 66.0 122.6

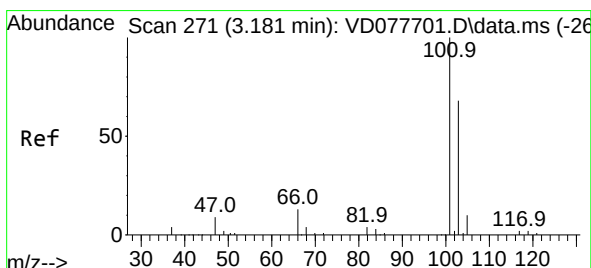
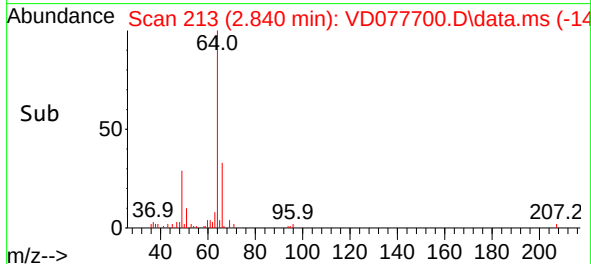
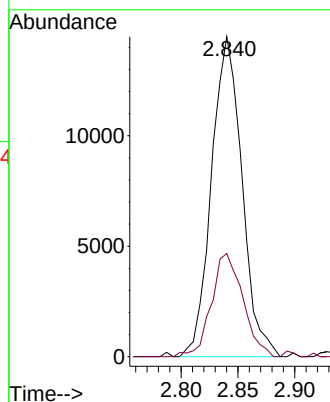
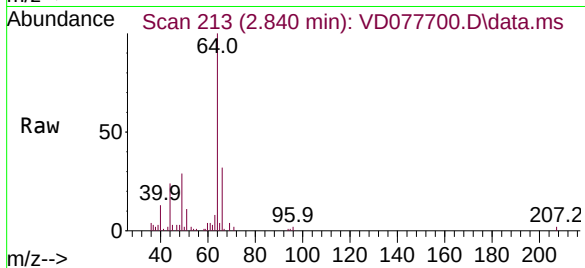




#8
Chloroethane
Concen: 5.305 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

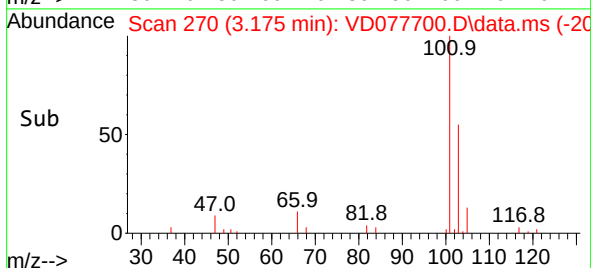
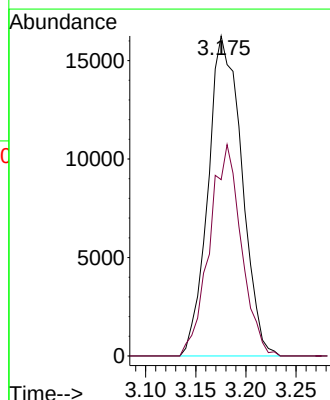
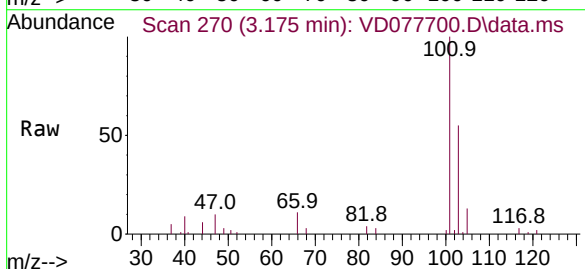
Instrument :
MSVOA_D
ClientSampleId :

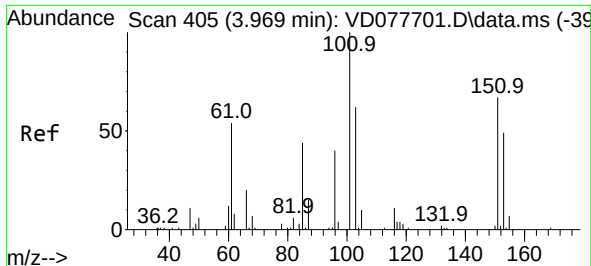
Tgt Ion: 64 Resp: 27032
Ion Ratio Lower Upper
64 100
66 32.2 22.0 41.0



#9
Trichlorofluoromethane
Concen: 5.198 ug/L
RT: 3.175 min Scan# 270
Delta R.T. -0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion:101 Resp: 38002
Ion Ratio Lower Upper
101 100
103 62.4 52.5 78.7

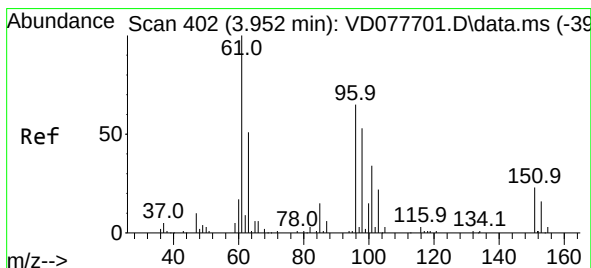
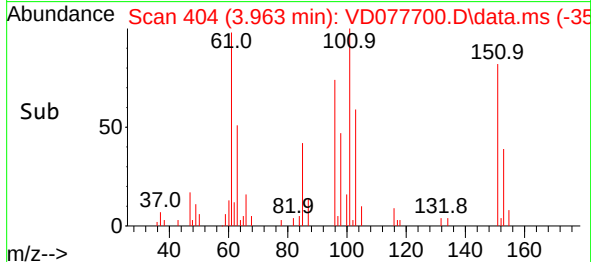
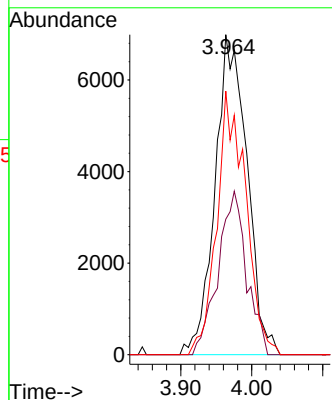
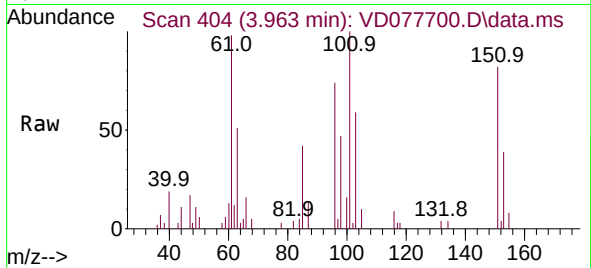




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.854 ug/L
 RT: 3.963 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

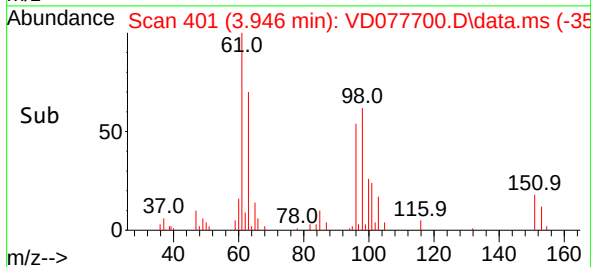
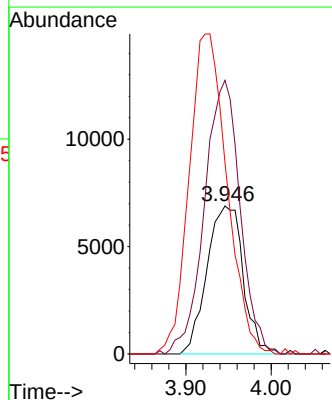
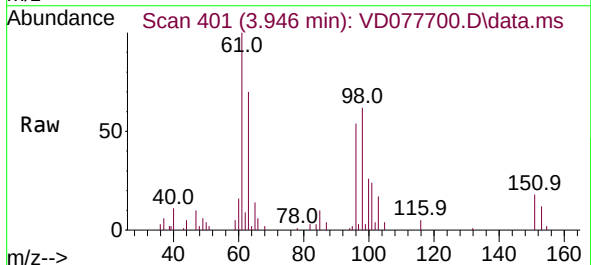
Instrument :
 MSVOA_D
 ClientSampleId :

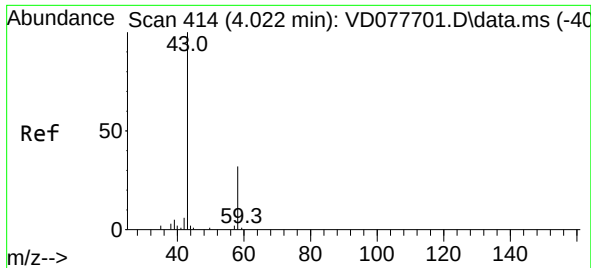
Tgt Ion:101 Resp: 21852
 Ion Ratio Lower Upper
 101 100
 85 45.6 35.8 53.6
 151 74.3 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 4.681 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

Tgt Ion: 96 Resp: 20311
 Ion Ratio Lower Upper
 96 100
 61 185.0 108.6 201.6
 63 129.1 60.3 111.9#





#13

Acetone

Concen: 7.953 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

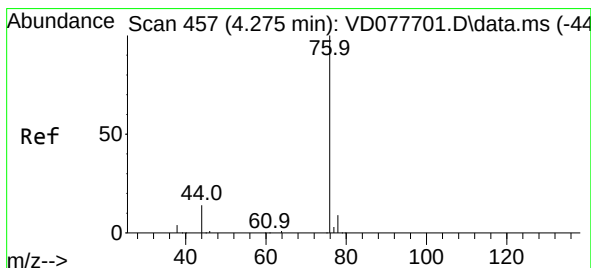
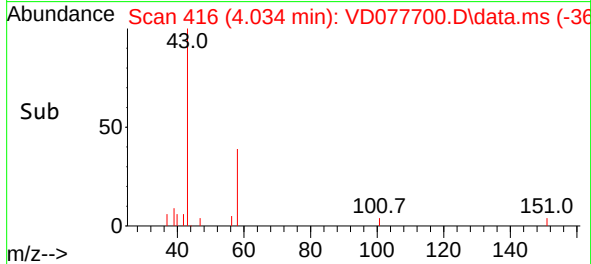
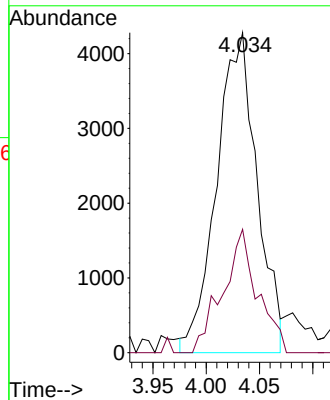
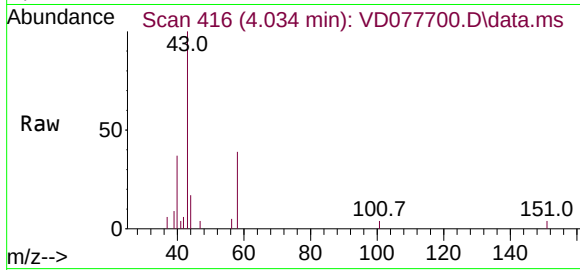
ClientSampleId :

Tgt Ion: 43 Resp: 11262

Ion Ratio Lower Upper

43 100

58 27.3 0.0 67.2



#14

Carbon disulfide

Concen: 4.541 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD077700.D

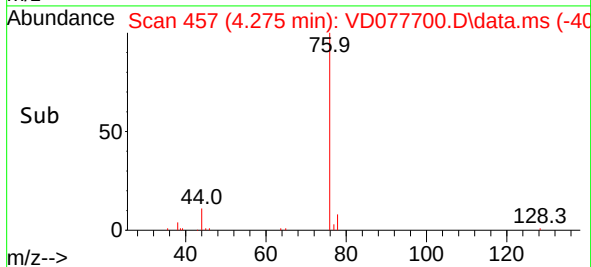
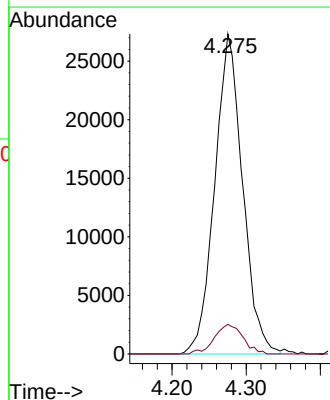
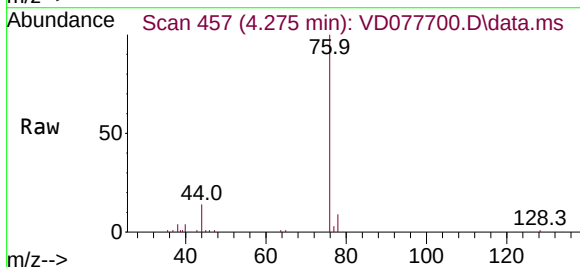
Acq: 29 Nov 2023 15:02

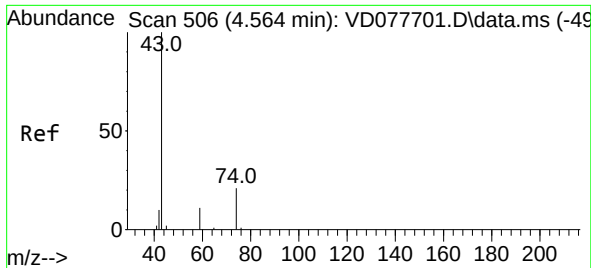
Tgt Ion: 76 Resp: 71319

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

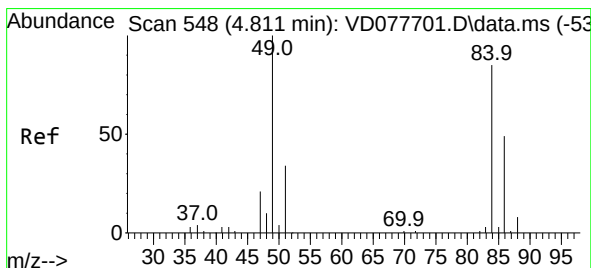
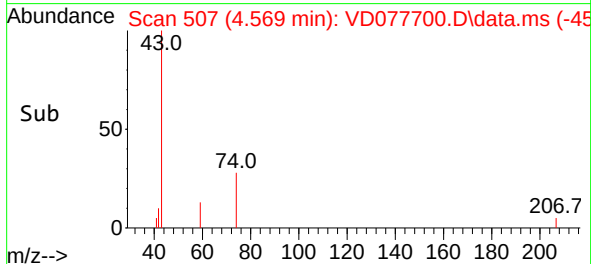
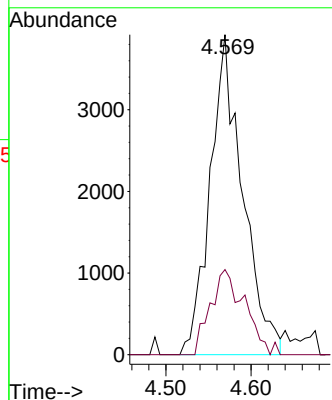
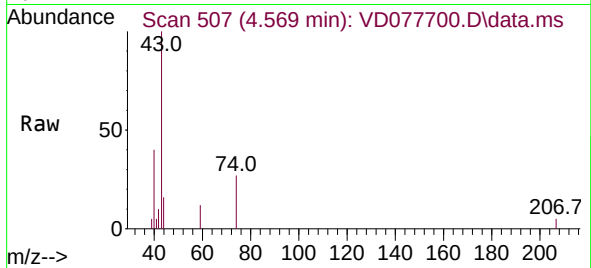




#15
Methyl Acetate
Concen: 4.596 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

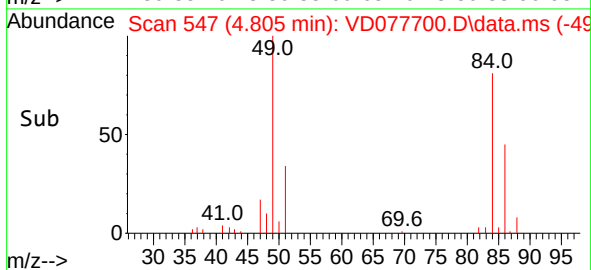
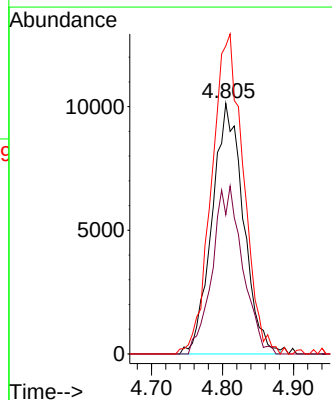
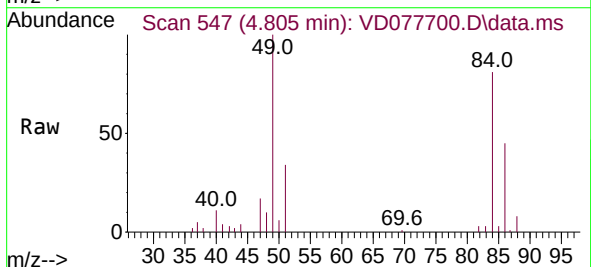
Instrument :
MSVOA_D
ClientSampleId :

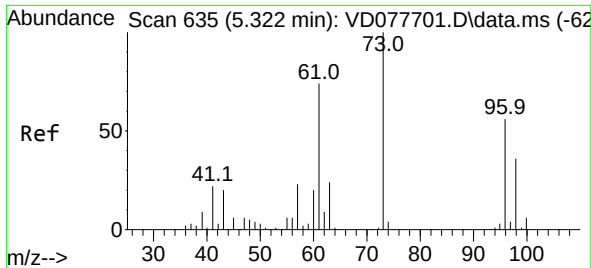
Tgt Ion: 43 Resp: 10401
Ion Ratio Lower Upper
43 100
74 19.0 18.6 27.8



#16
Methylene chloride
Concen: 5.991 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

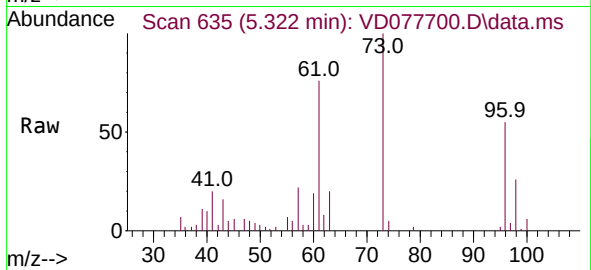
Tgt Ion: 84 Resp: 31032
Ion Ratio Lower Upper
84 100
86 55.5 40.1 74.5
49 122.9 83.2 154.6



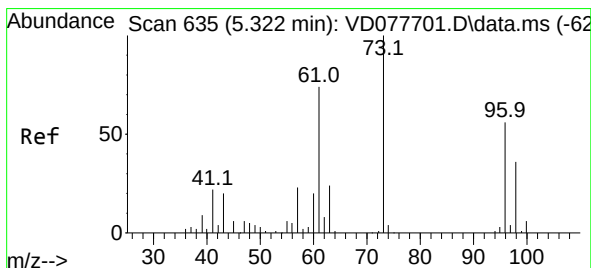
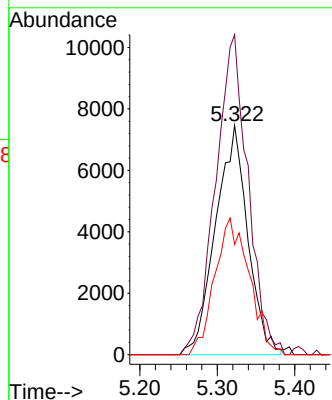
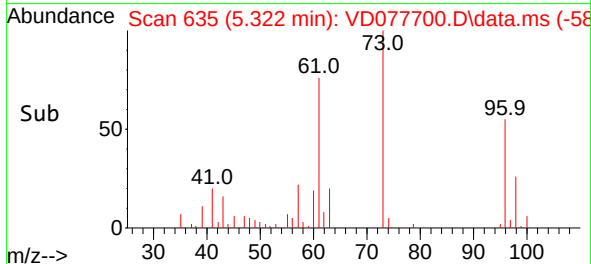


#17
trans-1,2-Dichloroethene
Concen: 4.730 ug/L
RT: 5.322 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

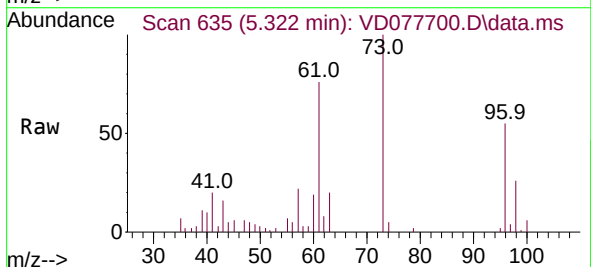
Instrument :
MSVOA_D
ClientSampleId :



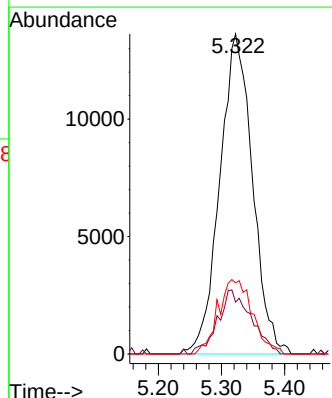
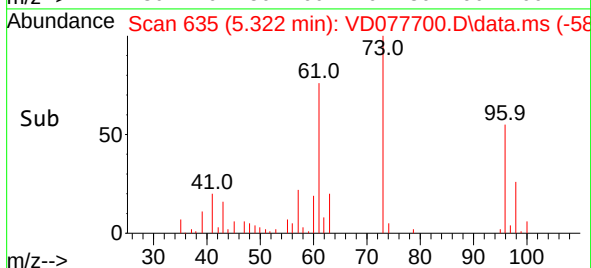
Tgt Ion: 96 Resp: 21576
Ion Ratio Lower Upper
96 100
61 139.6 92.3 171.3
98 48.1 44.7 82.9

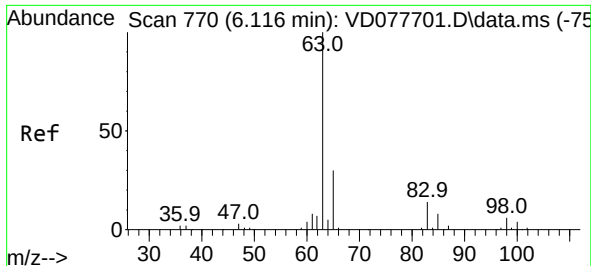


#18
Methyl tert-butyl Ether
Concen: 4.633 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02



Tgt Ion: 73 Resp: 48857
Ion Ratio Lower Upper
73 100
43 19.4 15.0 22.4
57 3.6 18.1 27.1#





#19

1,1-Dichloroethane

Concen: 4.469 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD077700.D

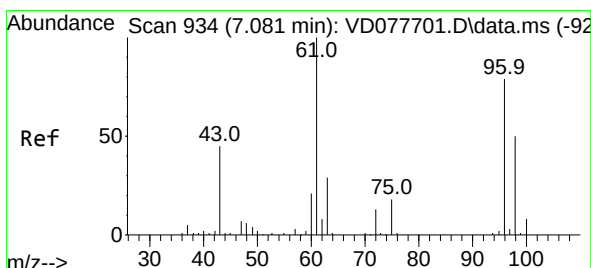
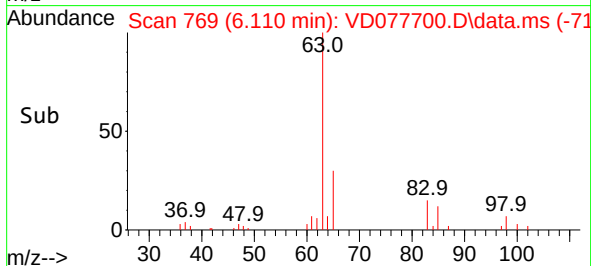
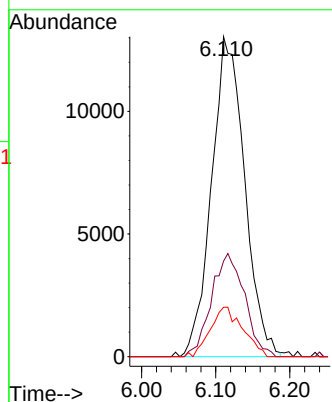
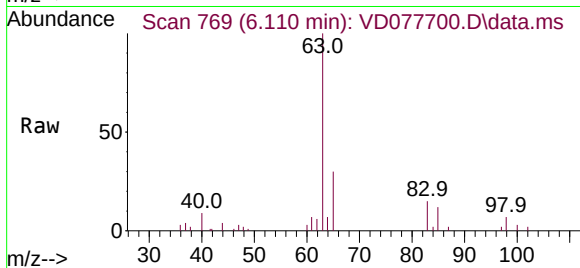
Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	63	Resp:	40424
Ion	Ratio	Lower	Upper
63	100		
65	29.8	20.9	38.9
83	15.5	9.7	17.9



#20

cis-1,2-Dichloroethene

Concen: 4.741 ug/L

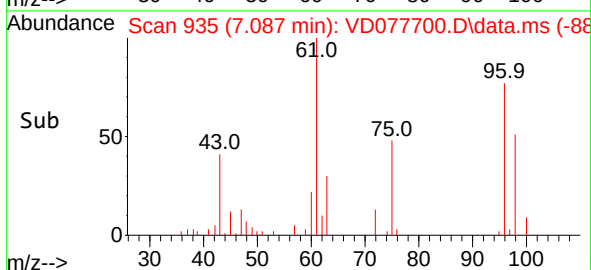
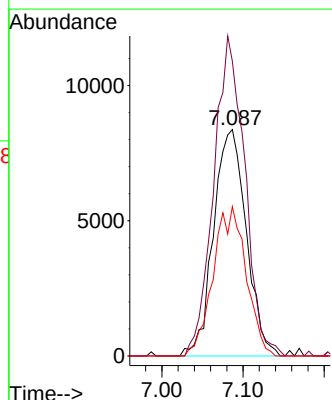
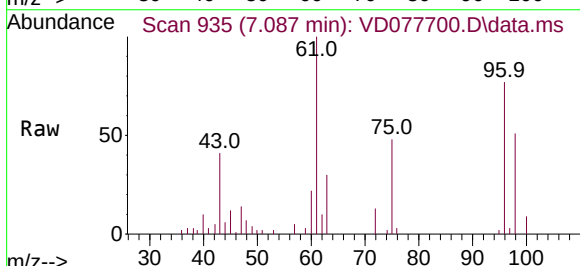
RT: 7.087 min Scan# 935

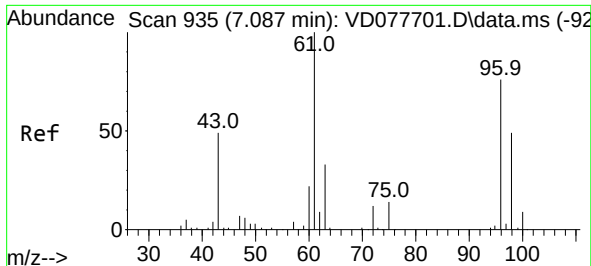
Delta R.T. 0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Tgt Ion:	96	Resp:	23475
Ion	Ratio	Lower	Upper
96	100		
61	130.2	88.1	163.5
98	66.0	44.1	81.9

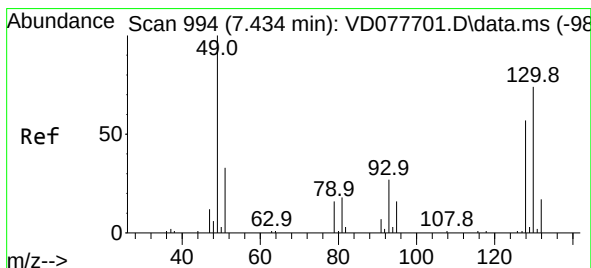
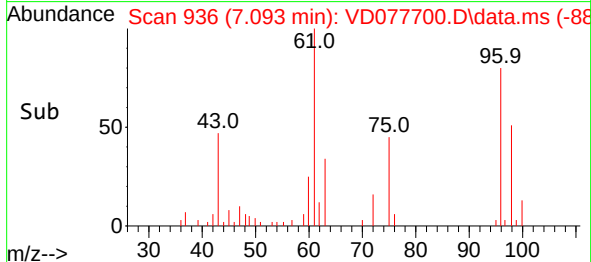
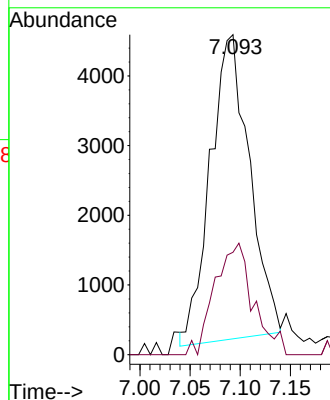
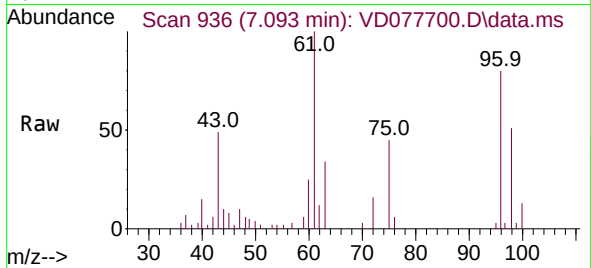




#22
2-Butanone
Concen: 6.995 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

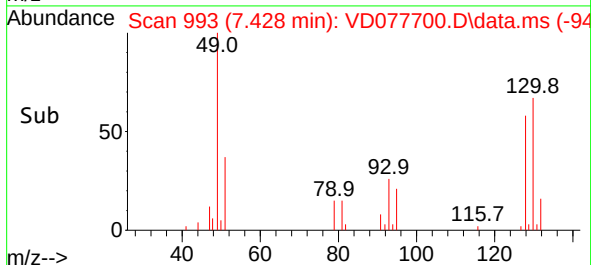
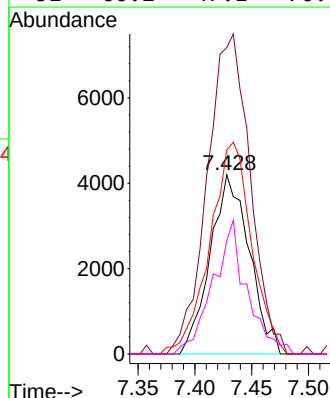
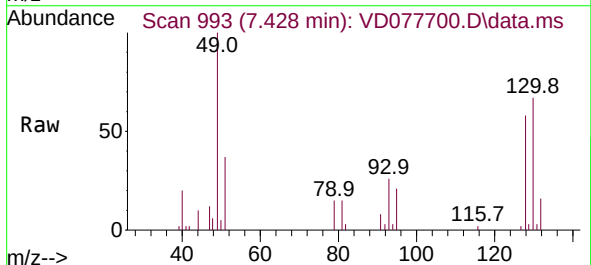
Instrument :
MSVOA_D
ClientSampleId :

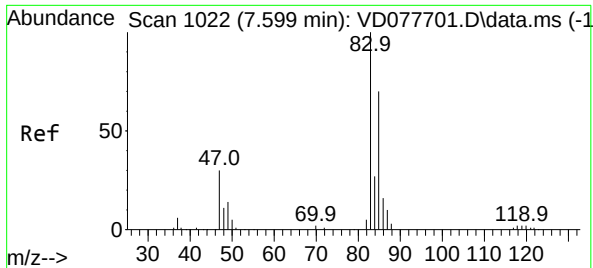
Tgt Ion: 43 Resp: 11882
Ion Ratio Lower Upper
43 100
72 34.4 7.2 21.6#



#23
Bromochloromethane
Concen: 5.018 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion:128 Resp: 10057
Ion Ratio Lower Upper
128 100
49 162.7 124.7 231.5
130 108.3 92.3 171.3
51 60.2 47.1 70.7





#25

Chloroform

Concen: 4.829 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

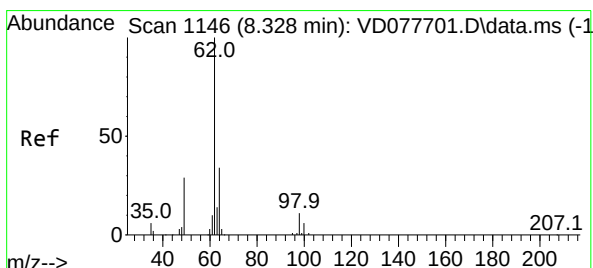
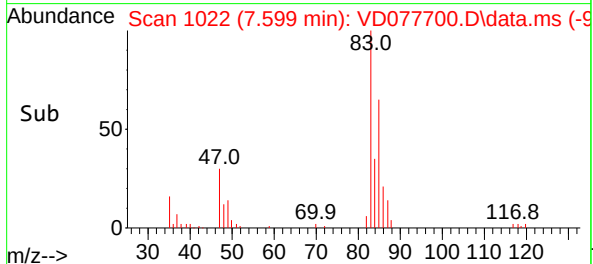
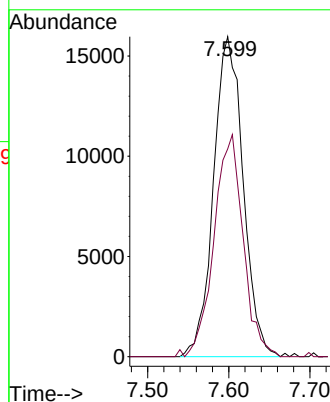
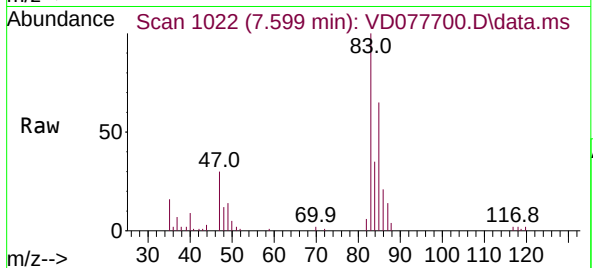
ClientSampleId :

Tgt Ion: 83 Resp: 40430

Ion Ratio Lower Upper

83 100

85 65.0 48.9 90.9



#27

1,2-Dichloroethane

Concen: 4.737 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD077700.D

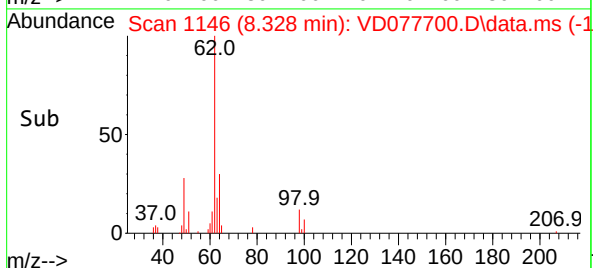
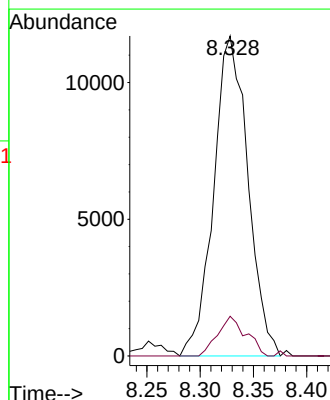
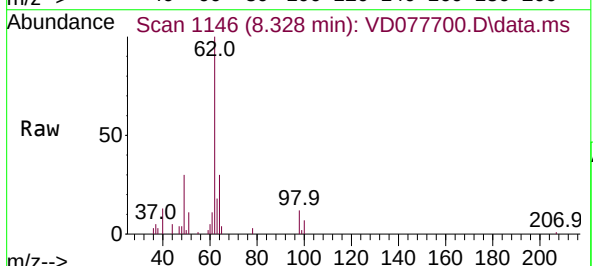
Acq: 29 Nov 2023 15:02

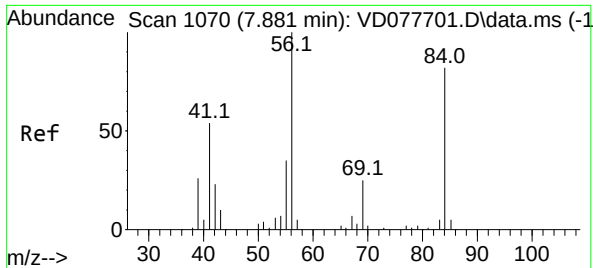
Tgt Ion: 62 Resp: 26142

Ion Ratio Lower Upper

62 100

98 12.4 8.4 12.6





#29

Cyclohexane

Concen: 3.974 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077700.D

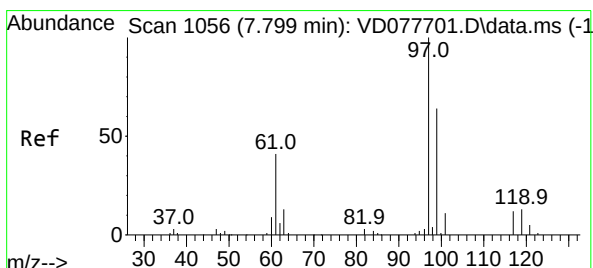
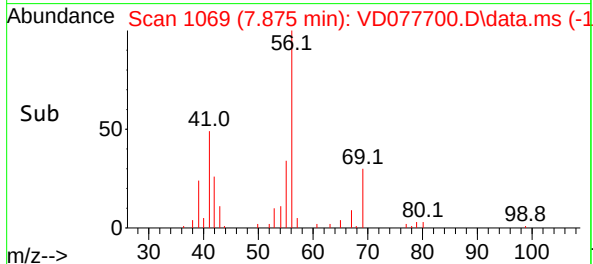
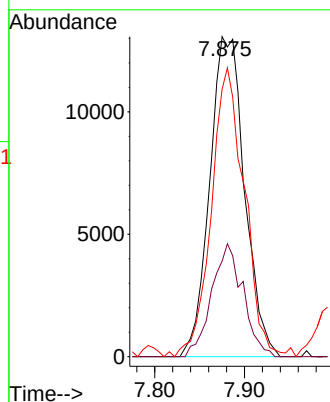
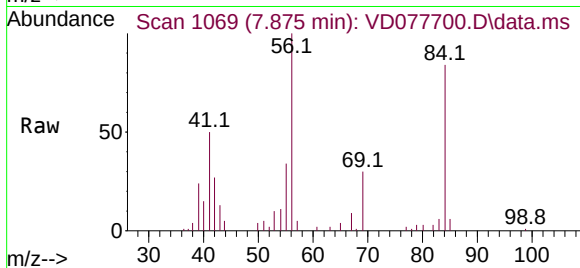
Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	35231
Ion	Ratio	Lower	Upper
56	100		
69	31.8	22.2	33.4
84	85.4	68.5	102.7



#30

1,1,1-Trichloroethane

Concen: 5.001 ug/L

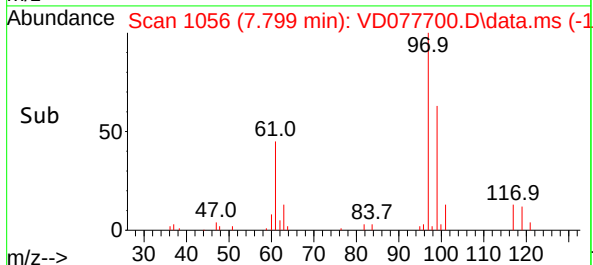
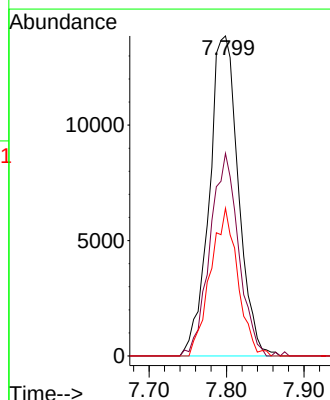
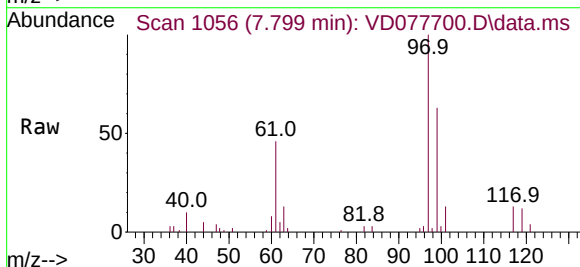
RT: 7.799 min Scan# 1056

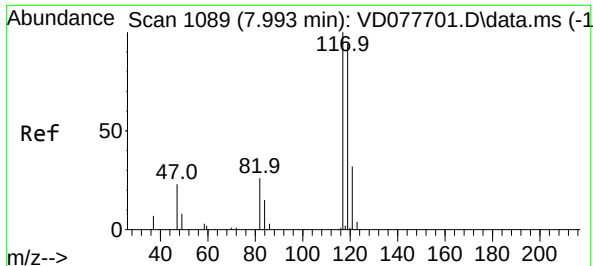
Delta R.T. -0.000 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Tgt Ion:	97	Resp:	36292
Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.4	77.2
61	42.8	35.4	53.2

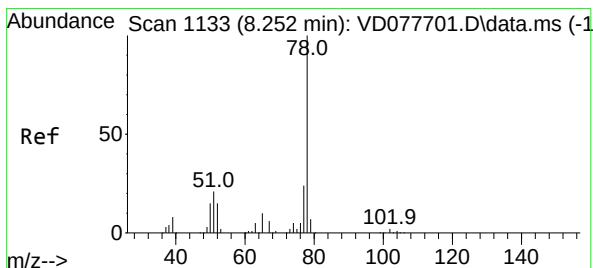
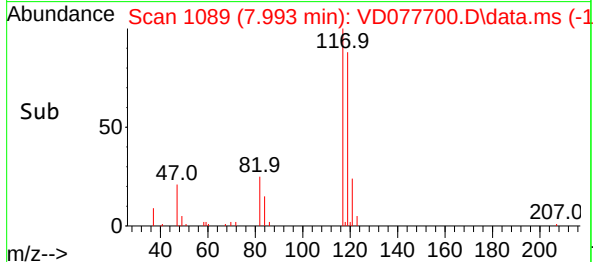
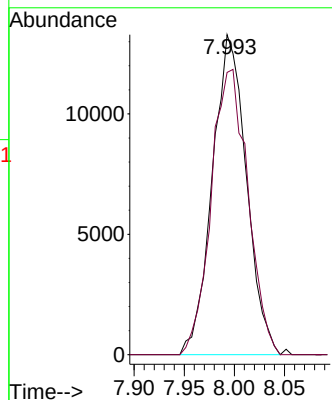
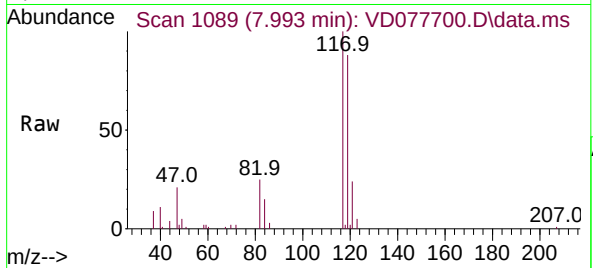




#31
Carbon tetrachloride
Concen: 4.998 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

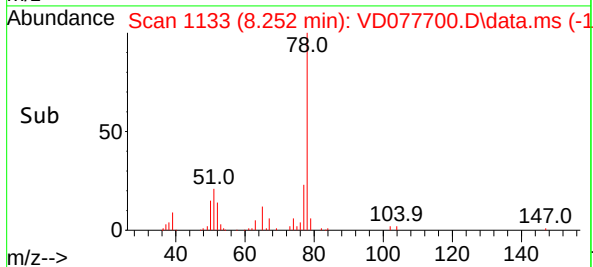
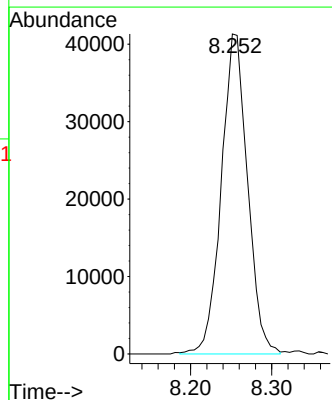
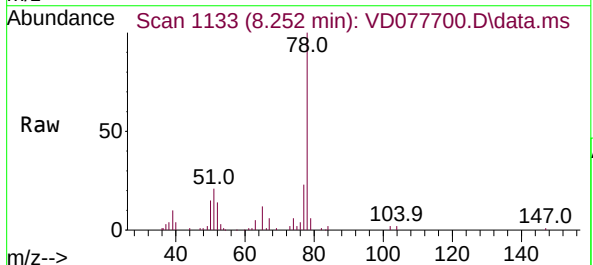
Instrument :
MSVOA_D
ClientSampleId :

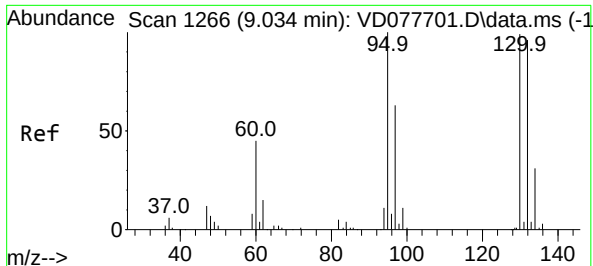
Tgt Ion:117 Resp: 31409
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5



#33
Benzene
Concen: 4.825 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion: 78 Resp: 92808

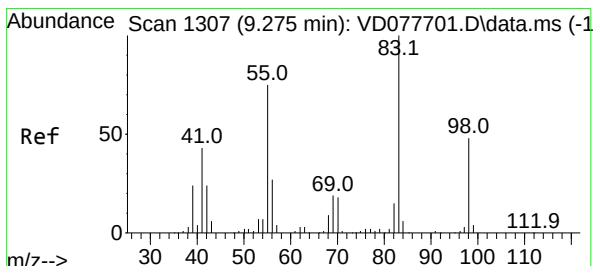
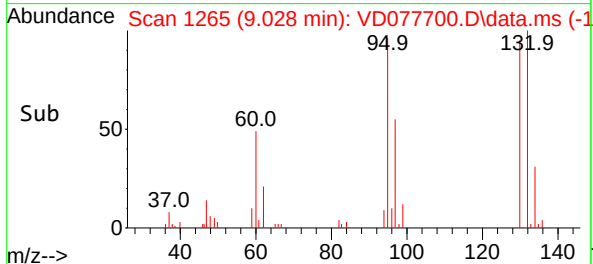
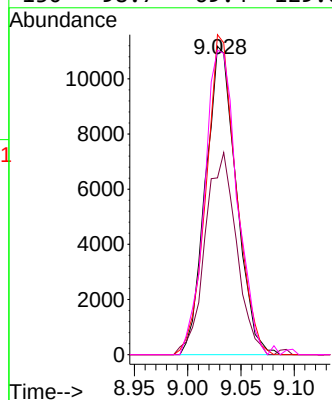
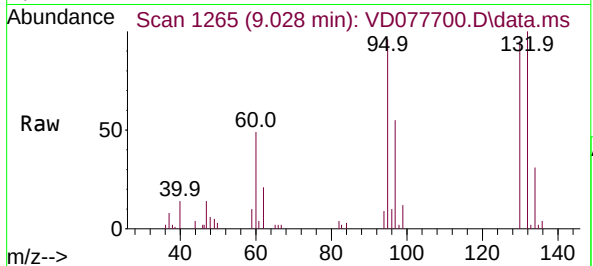




#34
Trichloroethene
Concen: 4.684 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

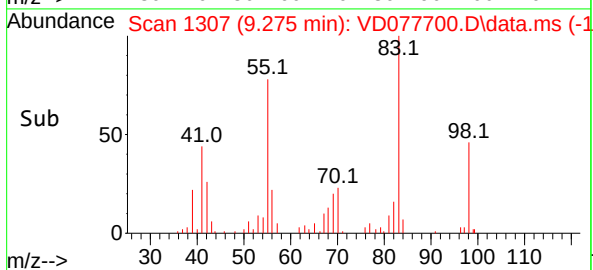
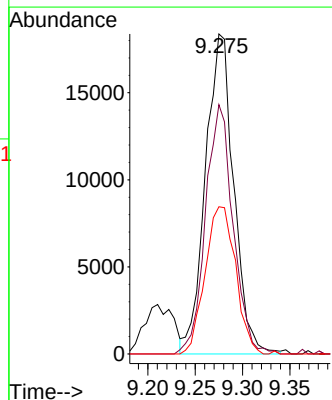
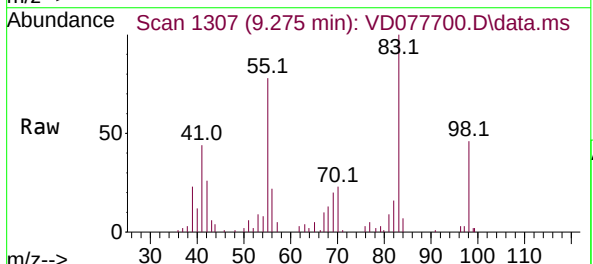
Instrument :
MSVOA_D
ClientSampleId :

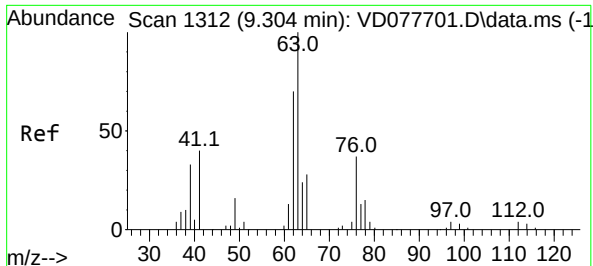
Tgt Ion: 95 Resp: 22365
Ion Ratio Lower Upper
95 100
97 57.3 44.2 82.0
132 103.7 67.5 125.3
130 98.7 69.4 129.0



#35
Methylcyclohexane
Concen: 4.443 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion: 83 Resp: 38241
Ion Ratio Lower Upper
83 100
55 75.8 59.8 89.6
98 49.6 38.5 57.7





#37

1,2-Dichloropropane

Concen: 4.700 ug/L

RT: 9.310 min Scan# 1312

Delta R.T. 0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

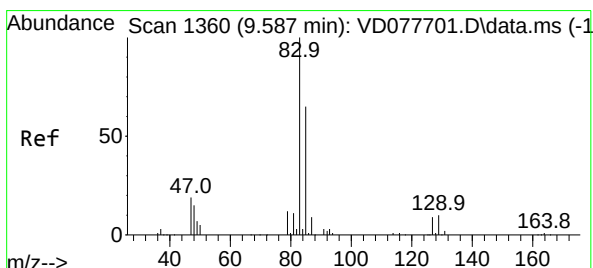
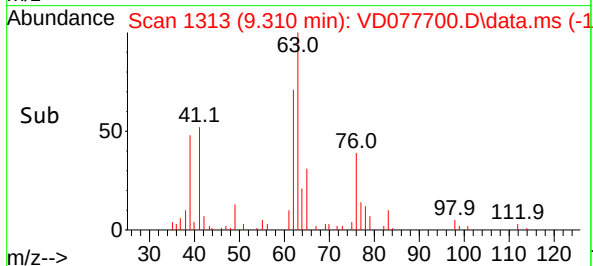
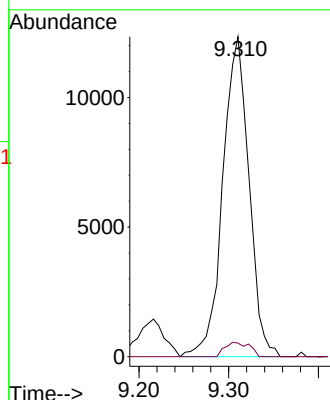
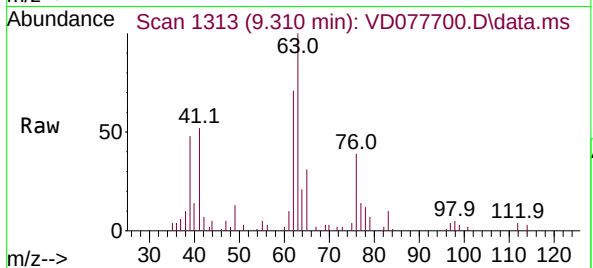
ClientSampleId :

Tgt Ion: 63 Resp: 24976

Ion Ratio Lower Upper

63 100

112 4.2 3.5 5.3



#38

Bromodichloromethane

Concen: 5.041 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

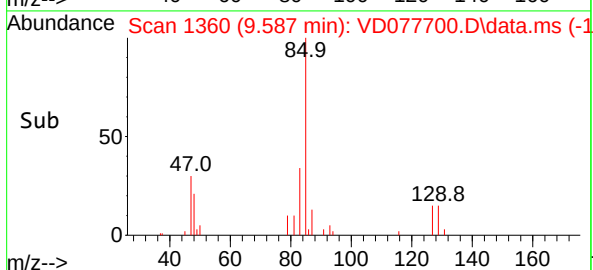
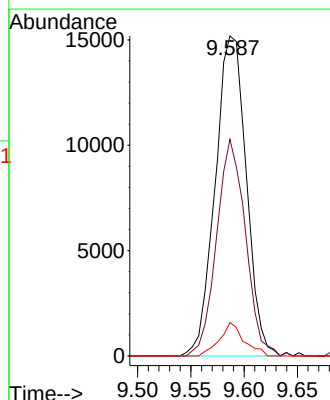
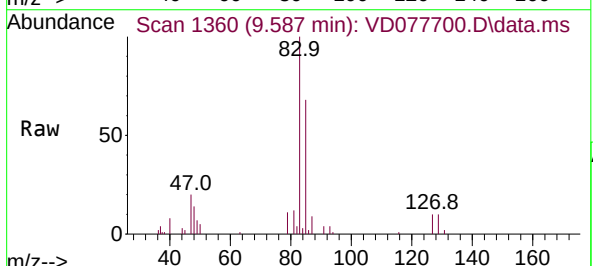
Tgt Ion: 83 Resp: 30815

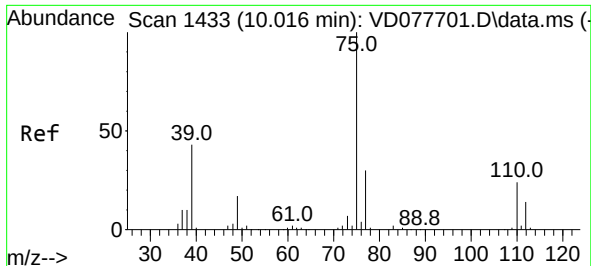
Ion Ratio Lower Upper

83 100

85 67.7 45.5 84.5

127 10.5 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 4.681 ug/L

RT: 10.022 min Scan# 1433

Delta R.T. 0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

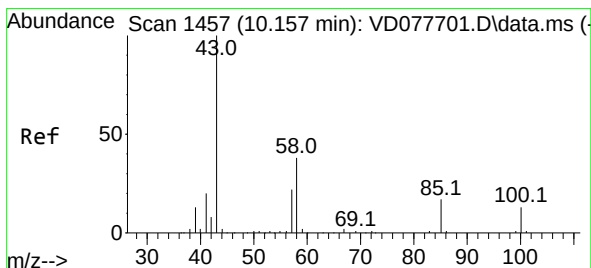
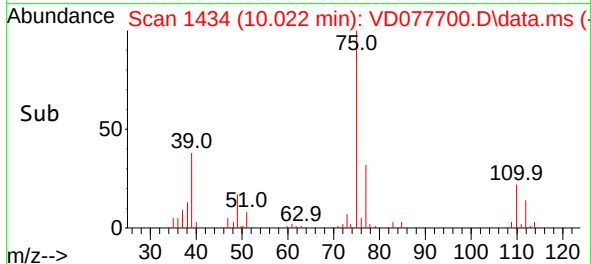
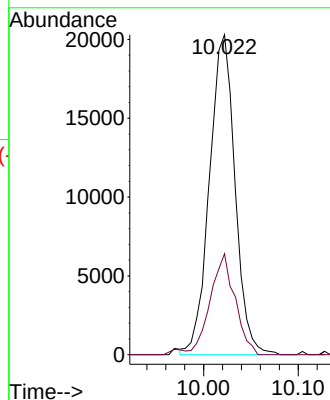
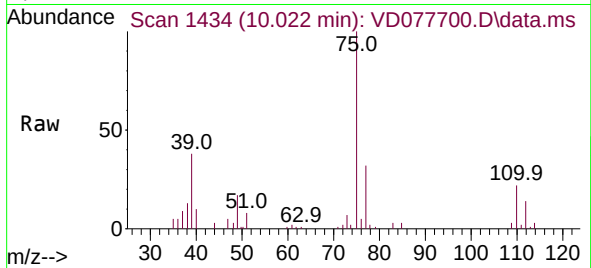
ClientSampleId :

Tgt Ion: 75 Resp: 38155

Ion Ratio Lower Upper

75 100

77 31.5 21.2 39.4



#40

4-Methyl-2-pentanone

Concen: 8.547 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

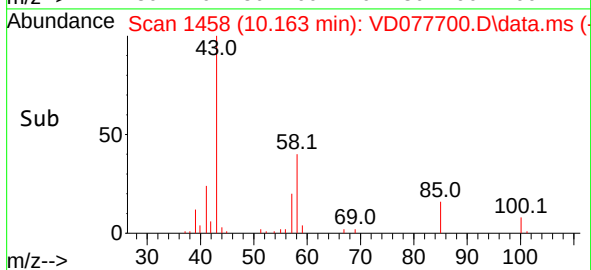
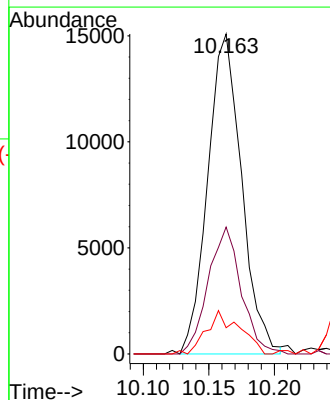
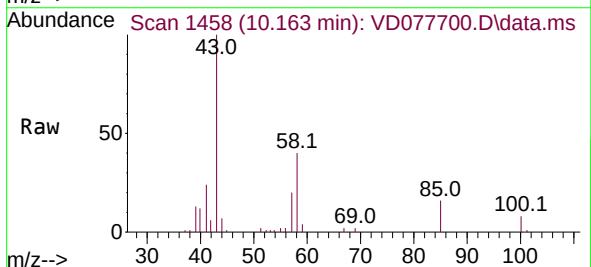
Tgt Ion: 43 Resp: 27094

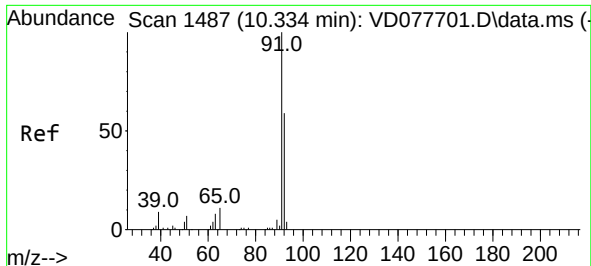
Ion Ratio Lower Upper

43 100

58 38.7 31.0 46.4

100 7.7 11.9 17.9#

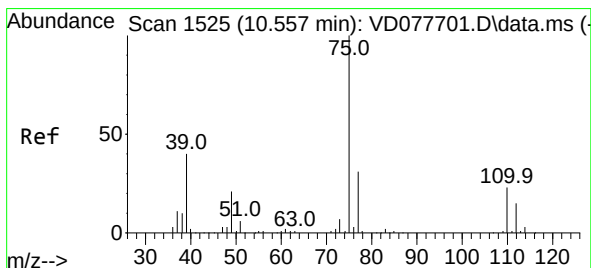
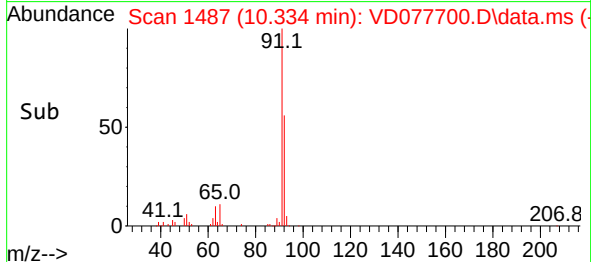
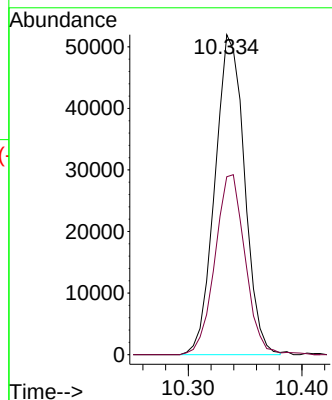
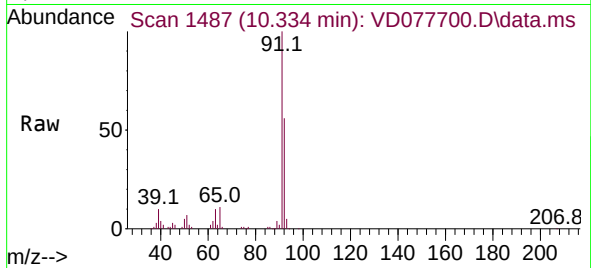




#42
Toluene
Concen: 4.627 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

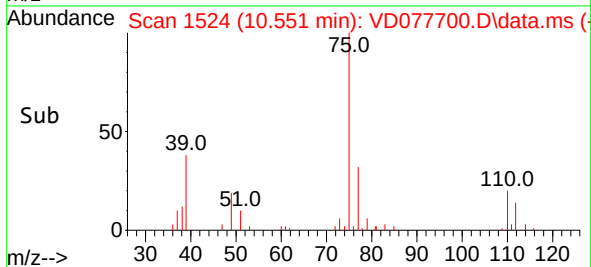
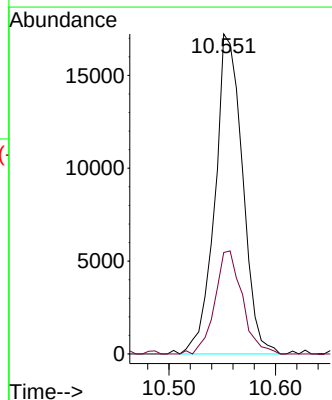
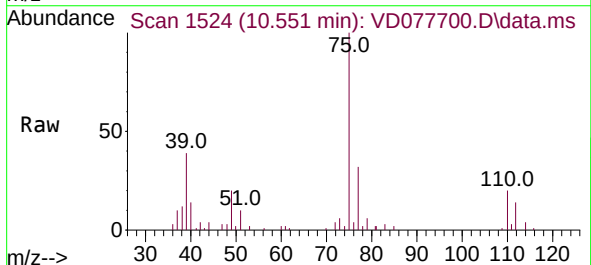
Instrument :
MSVOA_D
ClientSampleId :

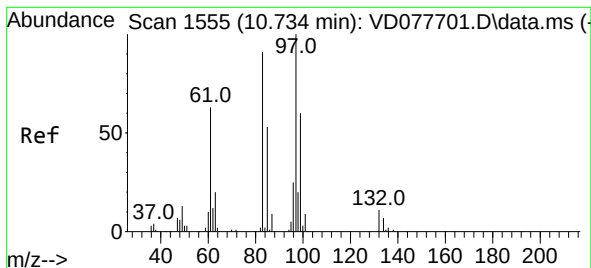
Tgt Ion: 91 Resp: 93845
Ion Ratio Lower Upper
91 100
92 55.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 4.596 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion: 75 Resp: 30999
Ion Ratio Lower Upper
75 100
77 31.7 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 5.096 ug/L

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 16754

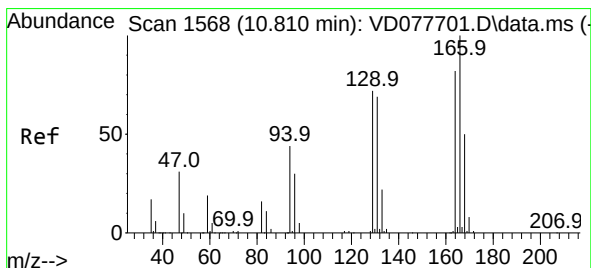
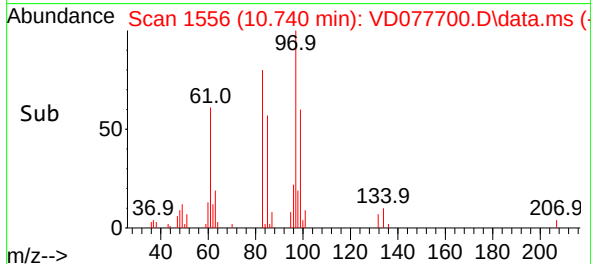
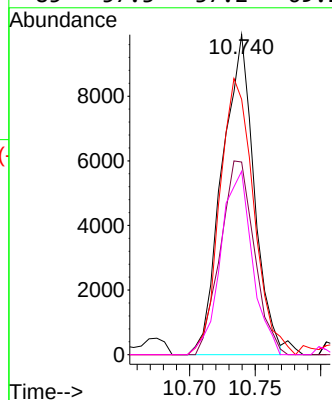
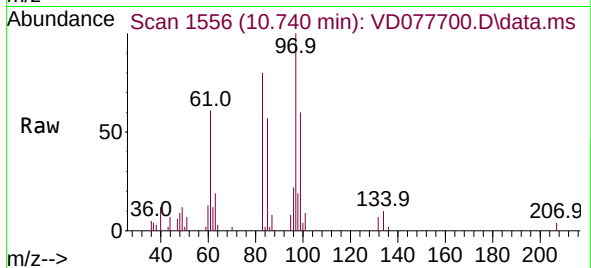
Ion Ratio Lower Upper

97 100

99 60.2 41.7 77.5

83 79.8 63.6 118.2

85 57.3 37.2 69.2



#46

Tetrachloroethene

Concen: 4.970 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Tgt Ion:164 Resp: 17700

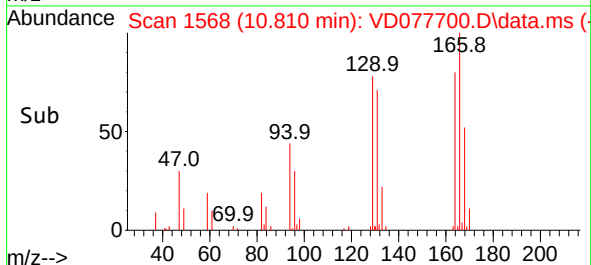
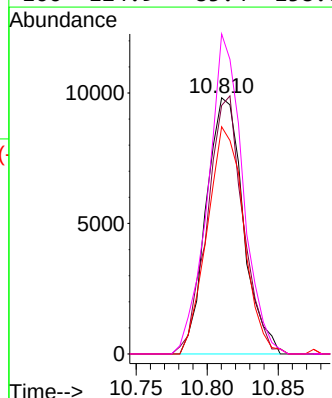
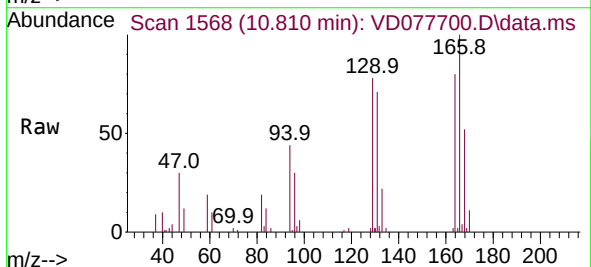
Ion Ratio Lower Upper

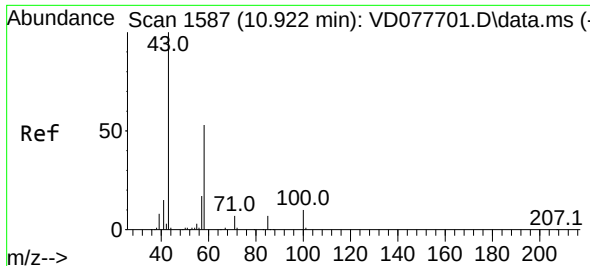
164 100

129 97.0 61.5 114.3

131 92.4 59.1 109.9

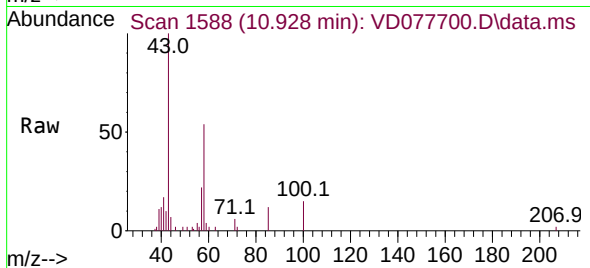
166 124.9 85.4 158.6



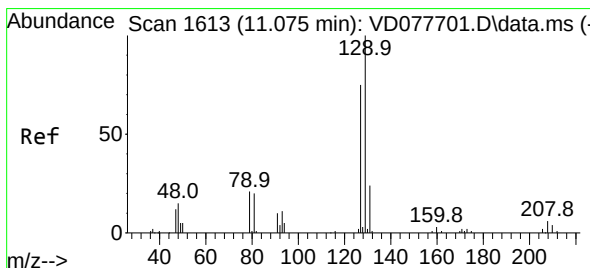
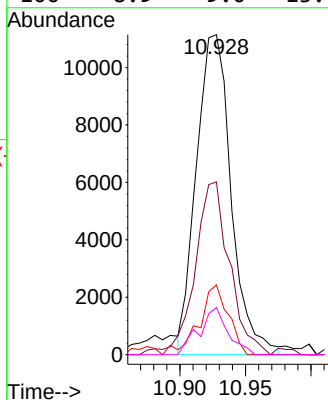
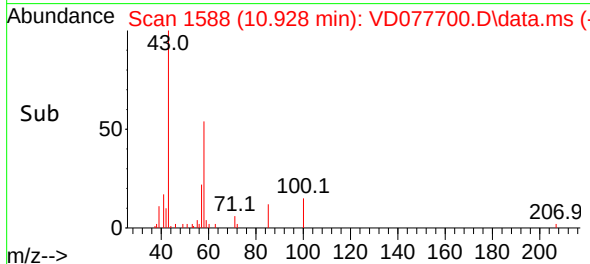


#48
2-Hexanone
Concen: 8.020 ug/L
RT: 10.928 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :

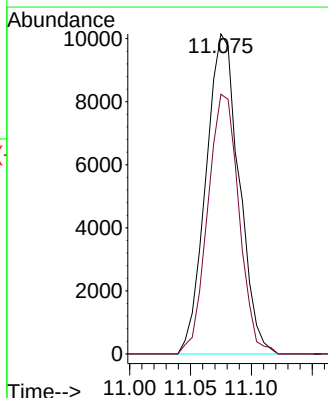
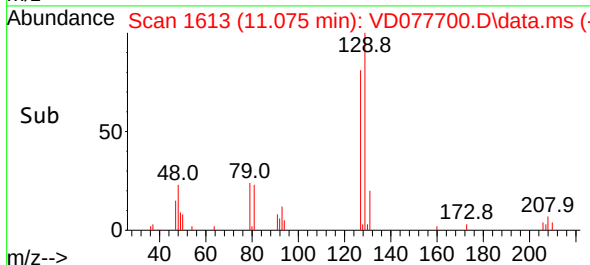
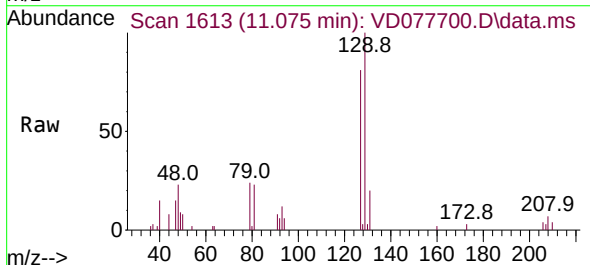


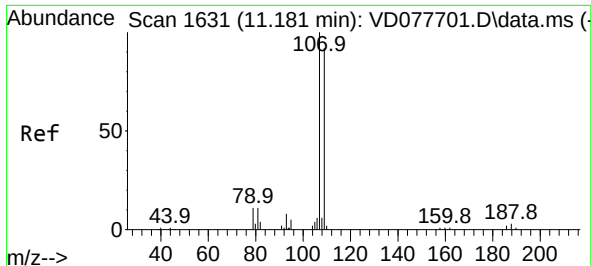
Tgt Ion: 43 Resp: 20619
Ion Ratio Lower Upper
43 100
58 52.6 43.0 64.6
57 17.4 13.8 20.8
100 8.9 9.0 13.4#



#49
Dibromochloromethane
Concen: 5.126 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

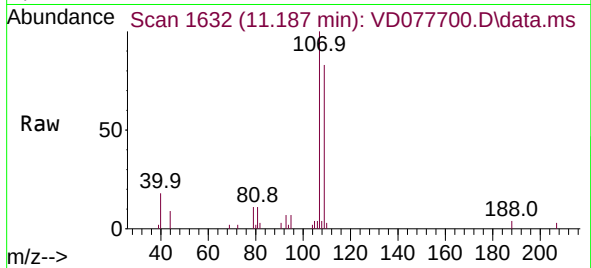
Tgt Ion: 129 Resp: 19236
Ion Ratio Lower Upper
129 100
127 81.1 52.8 98.2



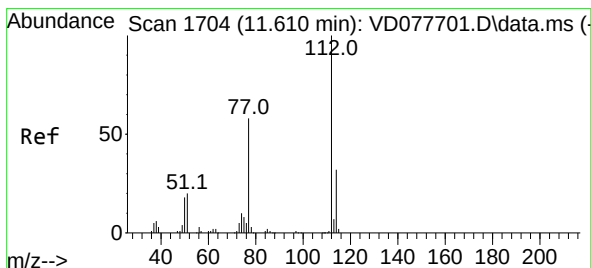
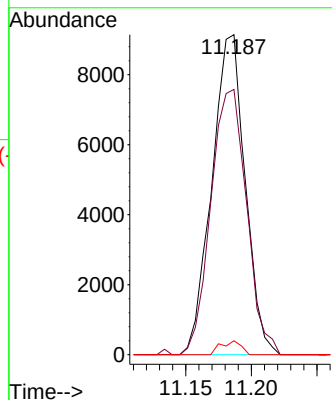
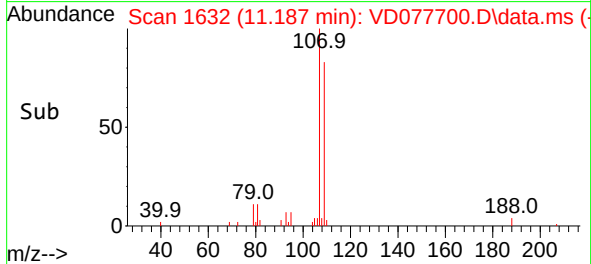


#50
1,2-Dibromoethane
Concen: 5.135 ug/L
RT: 11.187 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Instrument :
MSVOA_D
ClientSampleId :

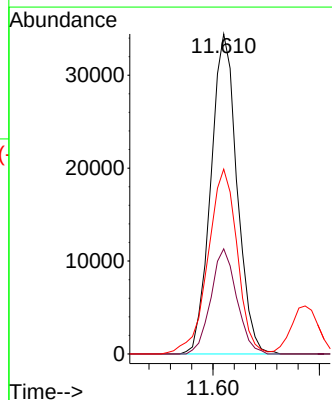
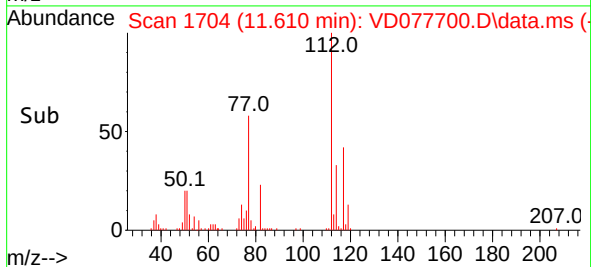
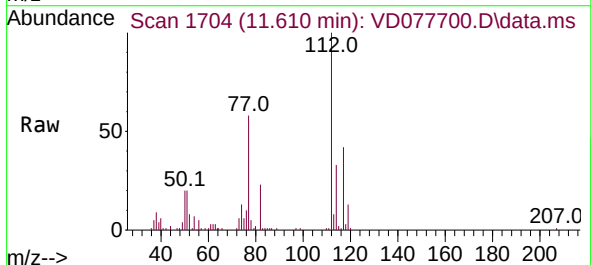


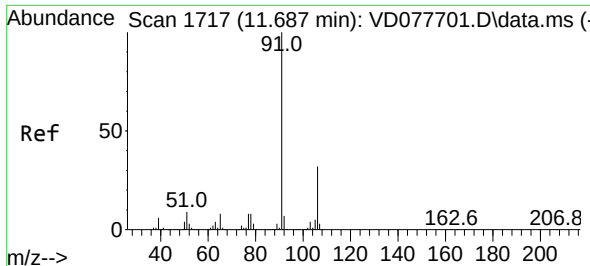
Tgt Ion:107 Resp: 16173
Ion Ratio Lower Upper
107 100
109 82.9 64.2 119.2
188 4.3 2.3 3.5#



#51
Chlorobenzene
Concen: 4.914 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion:112 Resp: 58846
Ion Ratio Lower Upper
112 100
114 32.8 22.5 41.9
77 57.8 46.4 69.6

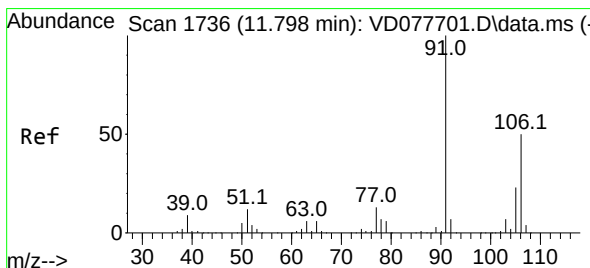
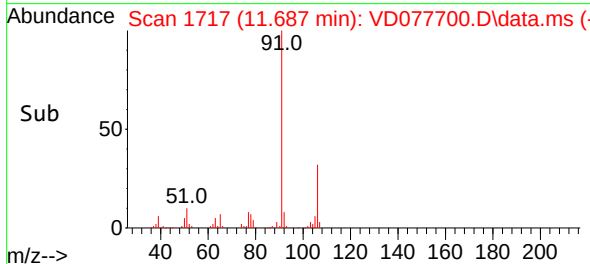
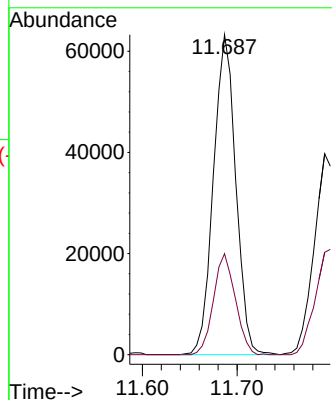
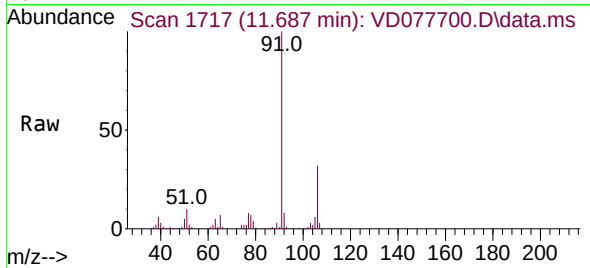




#52
Ethylbenzene
Concen: 4.662 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

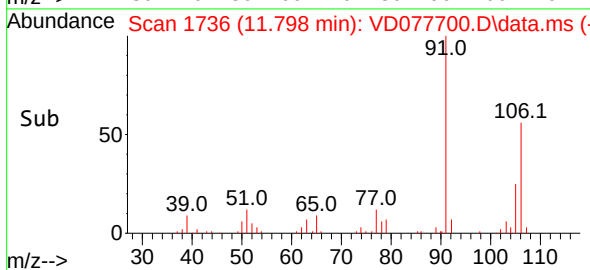
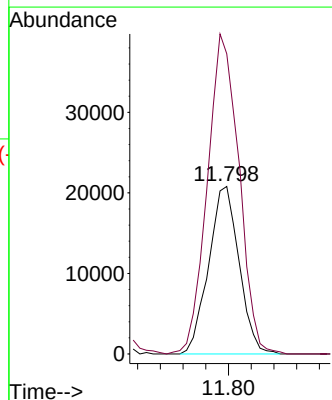
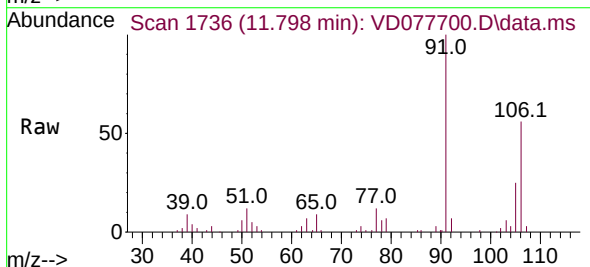
Instrument :
MSVOA_D
ClientSampleId :

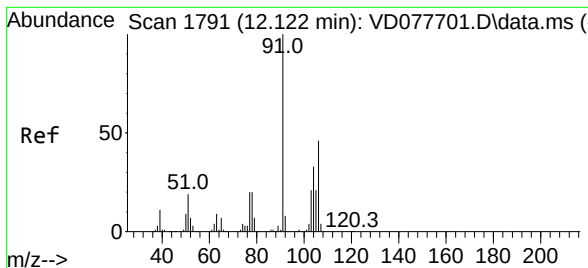
Tgt Ion: 91 Resp: 103753
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 4.751 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion:106 Resp: 38738
Ion Ratio Lower Upper
106 100
91 179.1 140.8 261.6

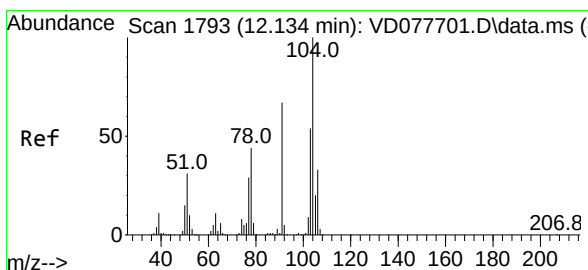
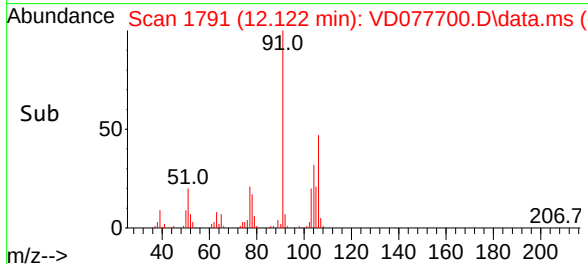
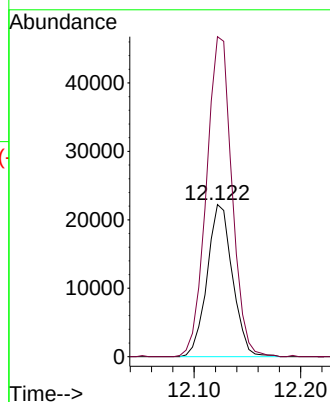
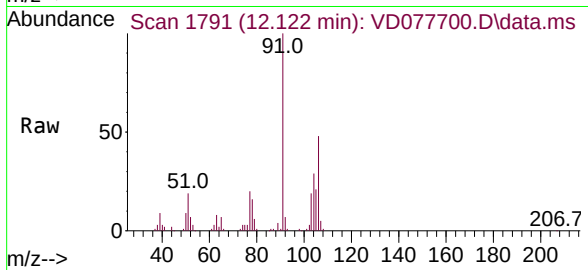




#54
o-Xylene
Concen: 4.687 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

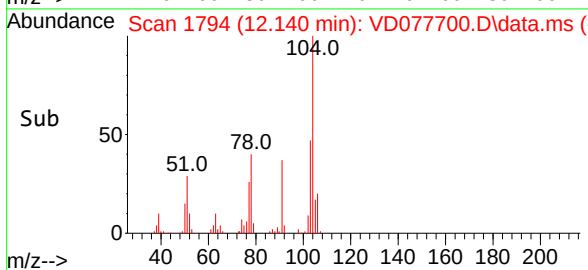
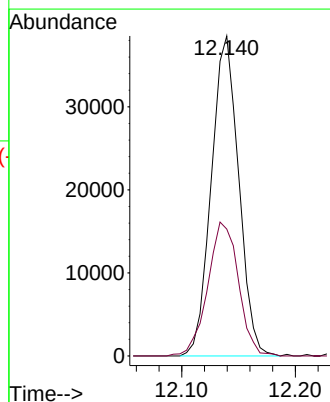
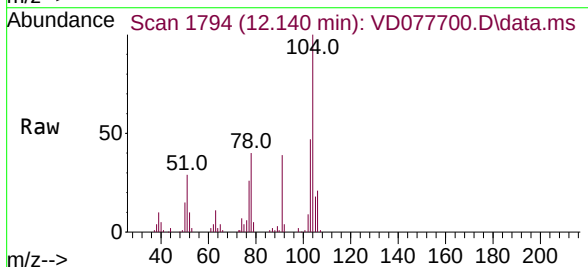
Instrument :
MSVOA_D
ClientSampleId :

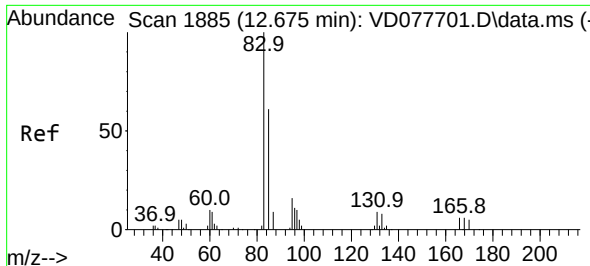
Tgt Ion:106 Resp: 36739
Ion Ratio Lower Upper
106 100
91 210.3 152.2 282.7



#55
Styrene
Concen: 4.708 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion:104 Resp: 64561
Ion Ratio Lower Upper
104 100
78 39.6 30.9 57.5

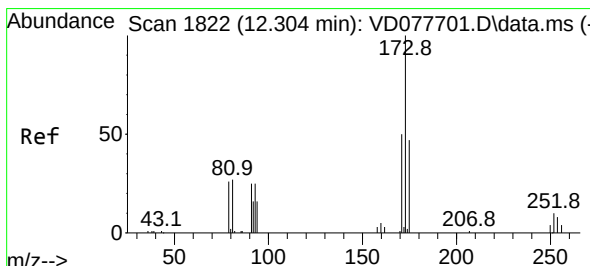
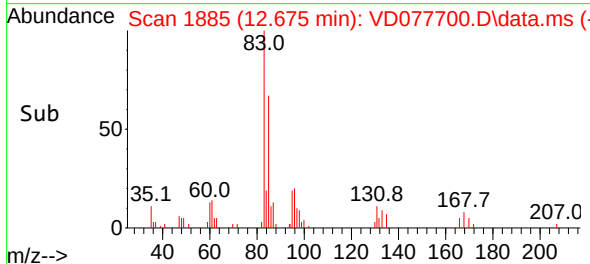
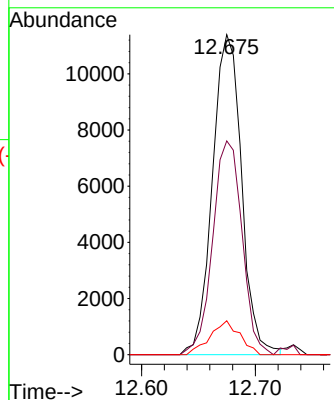
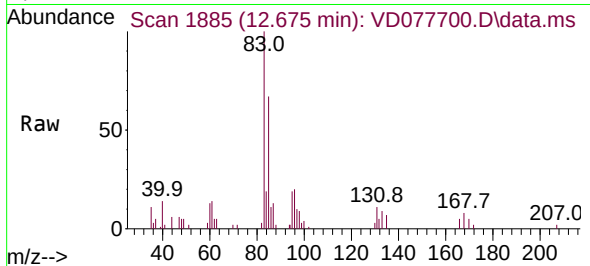




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.257 ug/L
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

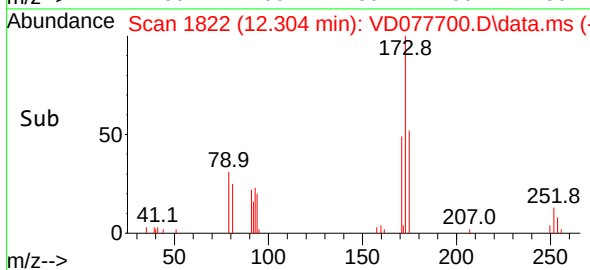
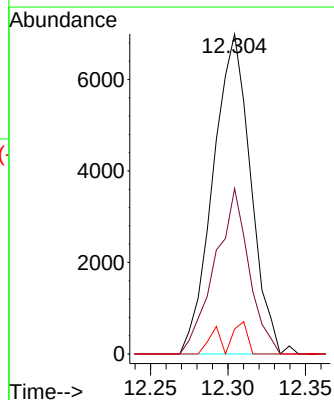
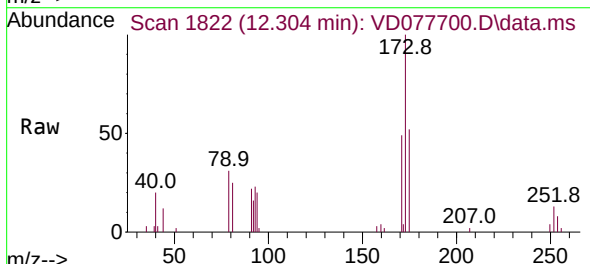
Instrument :
 MSVOA_D
 ClientSampleId :

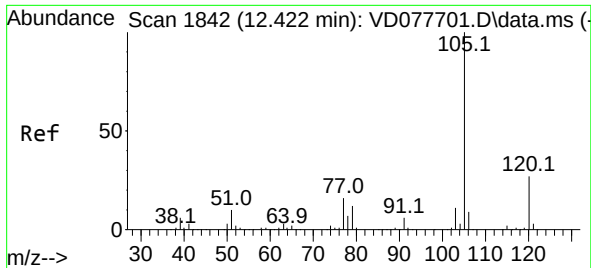
Tgt Ion:	83	Resp:	20303
Ion	Ratio	Lower	Upper
83	100		
85	66.8	43.3	80.5
131	15.5	7.3	10.9#



#59
 Bromoform
 Concen: 5.162 ug/L
 RT: 12.304 min Scan# 1822
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

Tgt Ion:	173	Resp:	11733
Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.7	58.1
254	3.8	1.8	2.8#

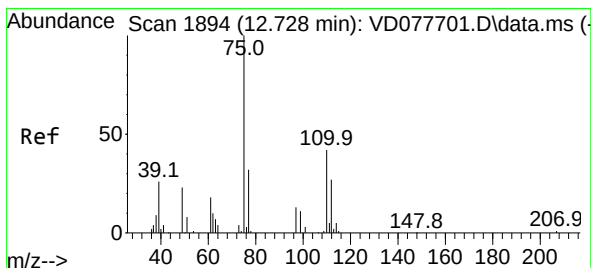
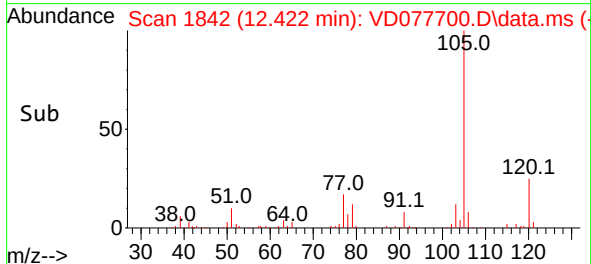
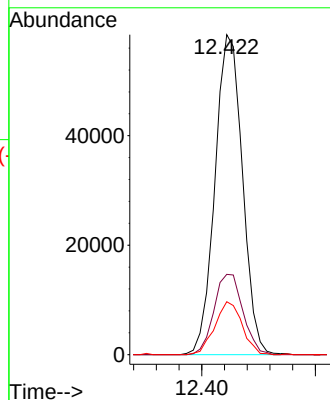
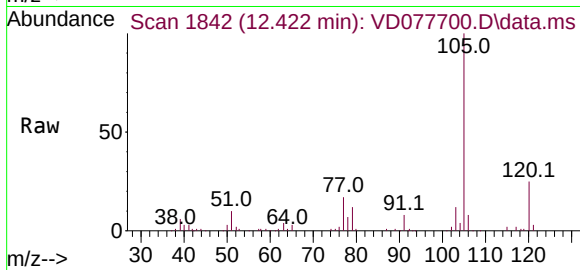




#60
Isopropylbenzene
Concen: 4.580 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

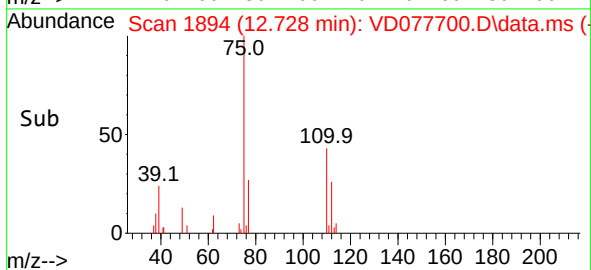
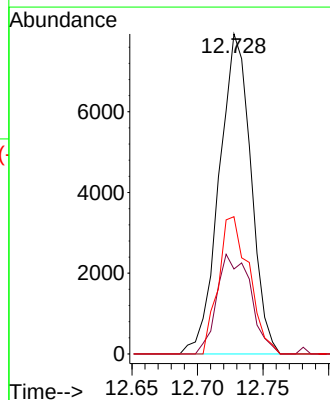
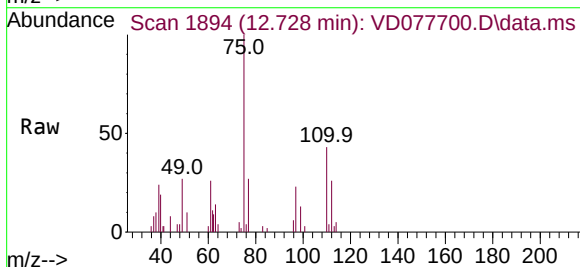
Instrument :
MSVOA_D
ClientSampleId :

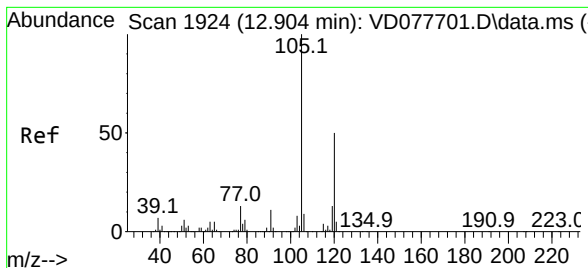
Tgt Ion:	105	Resp:	98189
Ion Ratio	Lower	Upper	
105	100		
120	26.4	21.3	31.9
77	16.5	12.6	18.8



#61
1,2,3-Trichloropropane
Concen: 4.793 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion:	75	Resp:	13362
Ion Ratio	Lower	Upper	
75	100		
77	33.0	26.8	40.2
110	41.4	33.4	50.2

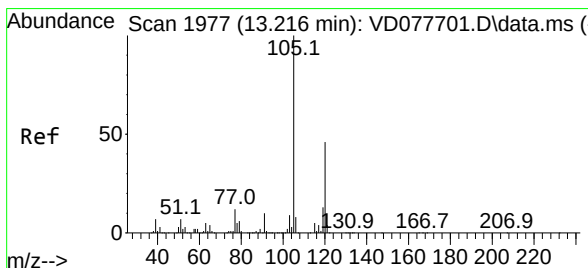
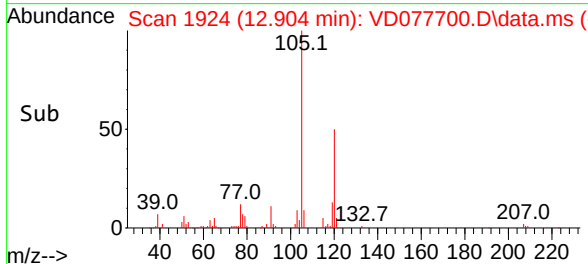
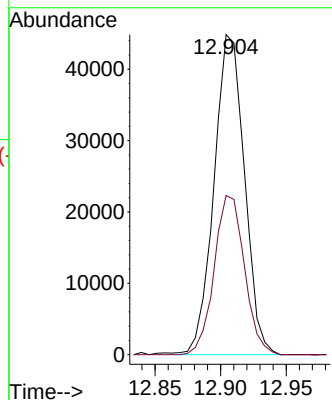
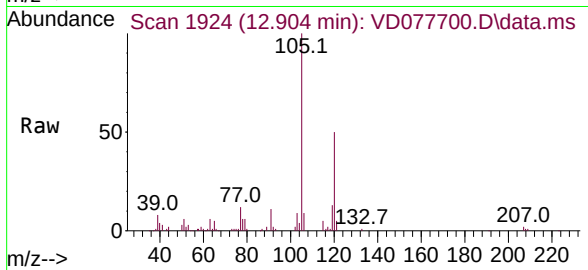




#62
 1,3,5-Trimethylbenzene
 Concen: 4.462 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

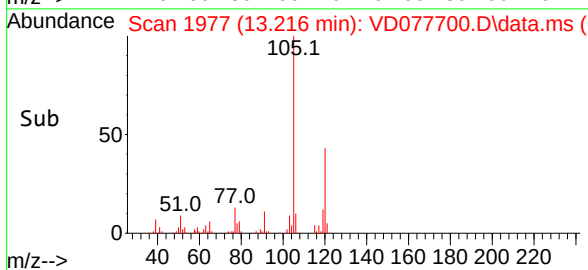
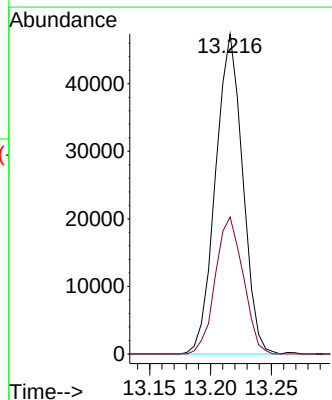
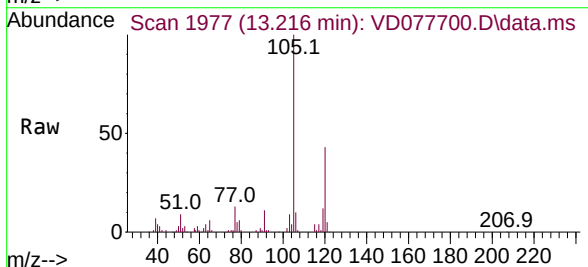
Instrument :
 MSVOA_D
 ClientSampleId :

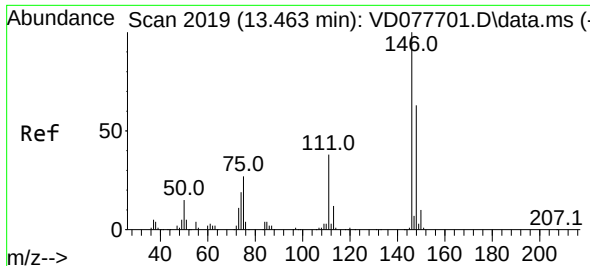
Tgt Ion:105 Resp: 72302
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 4.470 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

Tgt Ion:105 Resp: 73454
 Ion Ratio Lower Upper
 105 100
 120 43.8 37.1 55.7

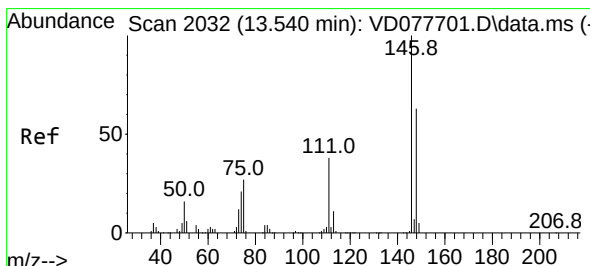
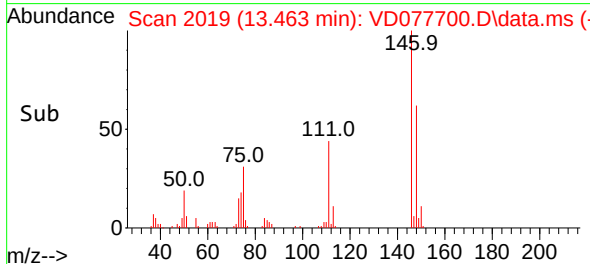
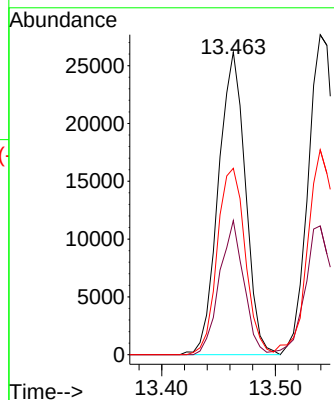
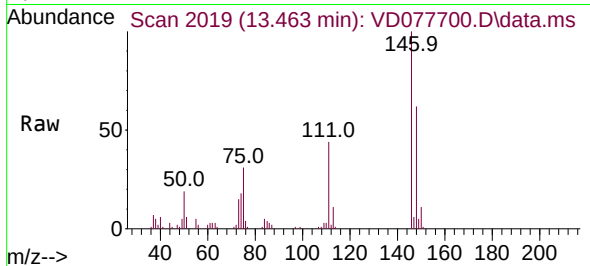




#64
1,3-Dichlorobenzene
Concen: 4.886 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

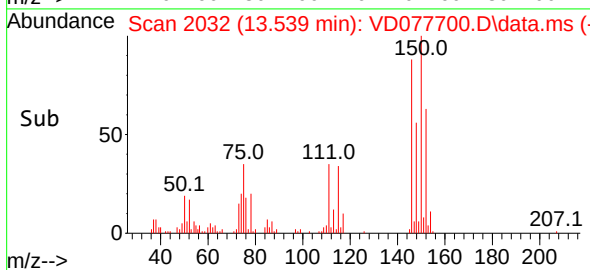
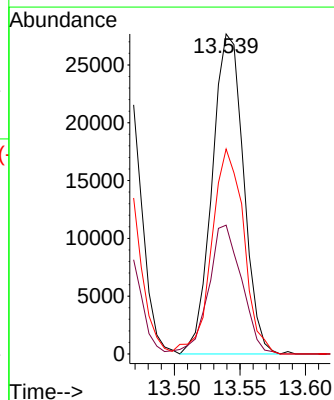
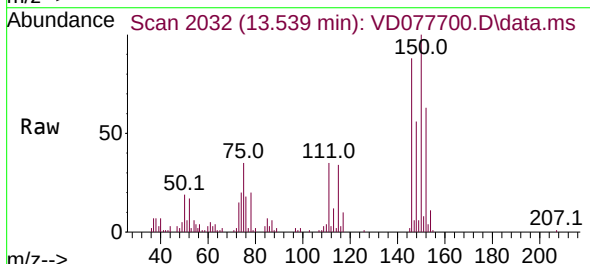
Instrument :
MSVOA_D
ClientSampleId :

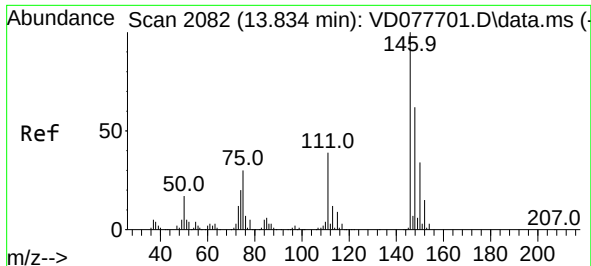
Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.3	26.6	49.4
148	61.6	44.0	81.6



#65
1,4-Dichlorobenzene
Concen: 5.143 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077700.D
Acq: 29 Nov 2023 15:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	26.4	49.0
148	64.1	44.0	81.8





#67

1,2-Dichlorobenzene

Concen: 4.907 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

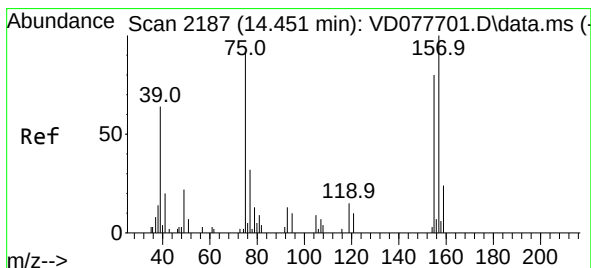
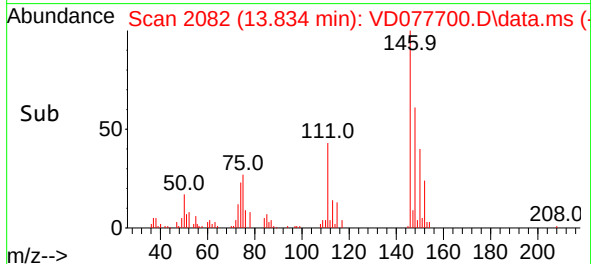
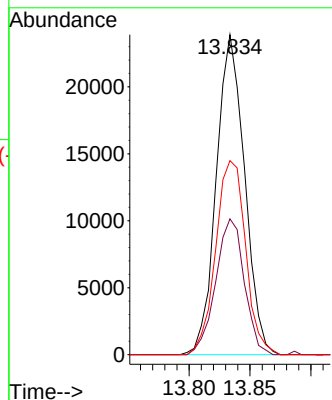
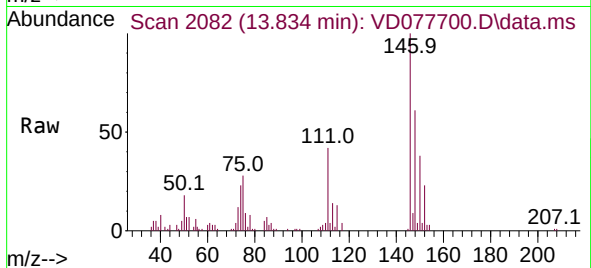
Tgt Ion:146 Resp: 38641

Ion Ratio Lower Upper

146 100

111 42.4 31.4 47.2

148 60.6 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.539 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

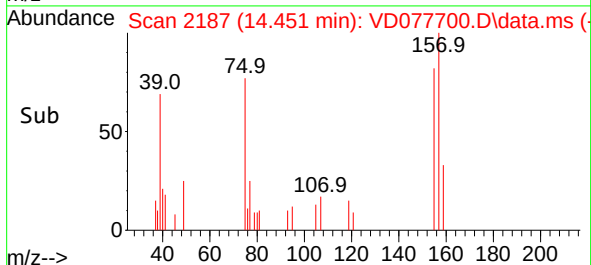
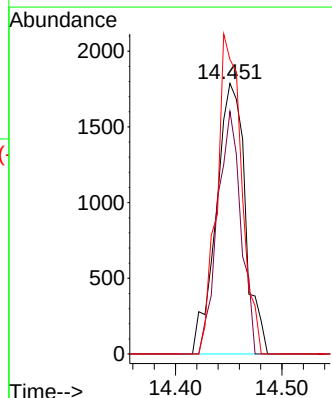
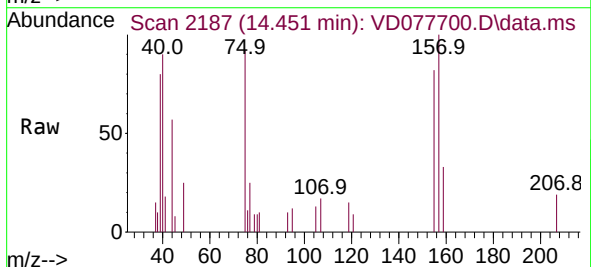
Tgt Ion: 75 Resp: 3384

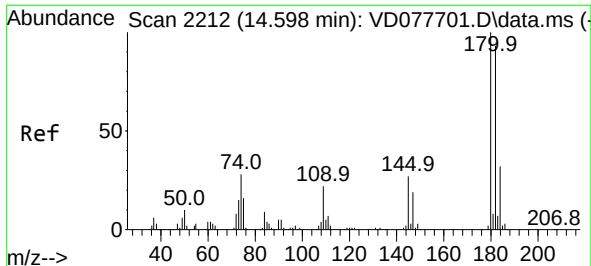
Ion Ratio Lower Upper

75 100

155 89.7 69.2 103.8

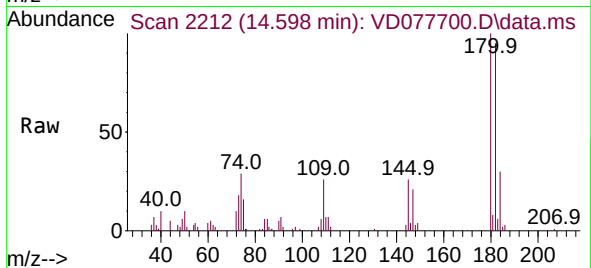
157 108.8 86.6 130.0



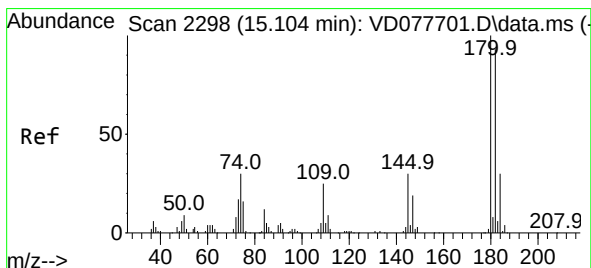
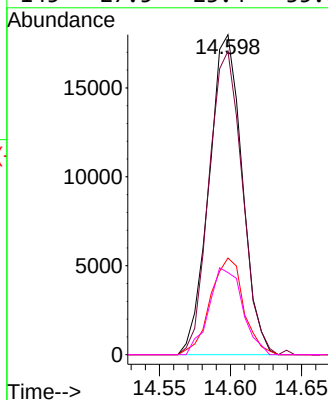
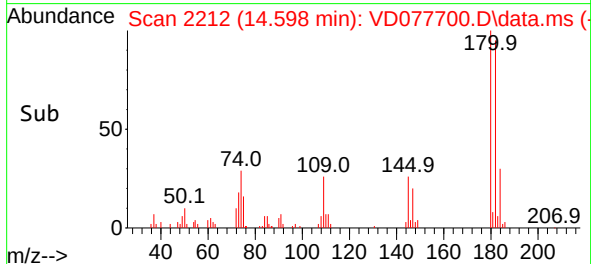


#69
 1,3,5-Trichlorobenzene
 Concen: 4.843 ug/L
 RT: 14.598 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02

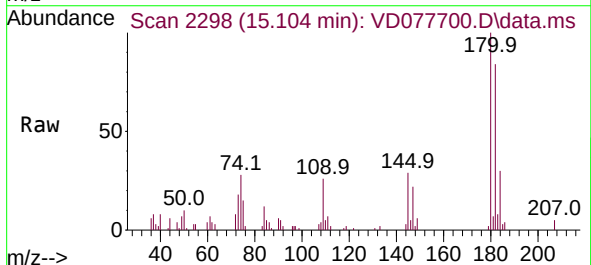
Instrument :
 MSVOA_D
 ClientSampleId :



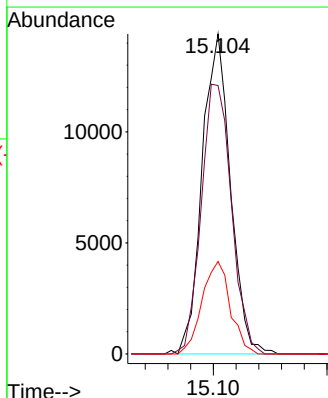
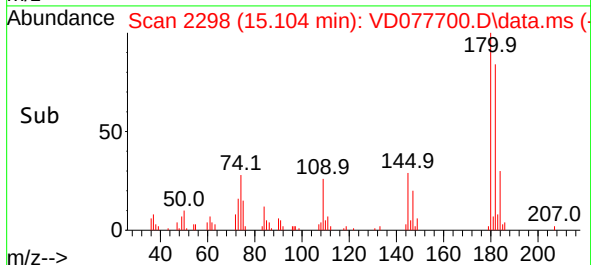
Tgt Ion:180 Resp: 29119
 Ion Ratio Lower Upper
 180 100
 182 95.1 77.0 115.4
 184 30.3 24.3 36.5
 145 27.5 23.4 35.0

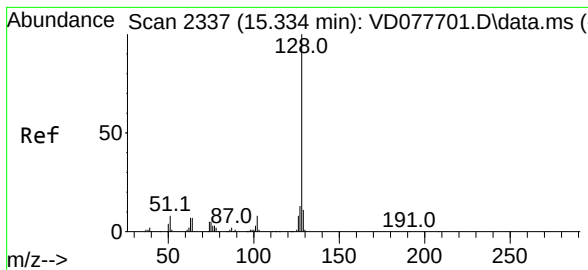


#70
 1,2,4-trichlorobenzene
 Concen: 4.914 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD077700.D
 Acq: 29 Nov 2023 15:02



Tgt Ion:180 Resp: 24880
 Ion Ratio Lower Upper
 180 100
 182 90.1 77.0 115.6
 145 29.0 23.9 35.9





#71

Naphthalene

Concen: 4.861 ug/L

RT: 15.339 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Instrument :

MSVOA_D

ClientSampleId :

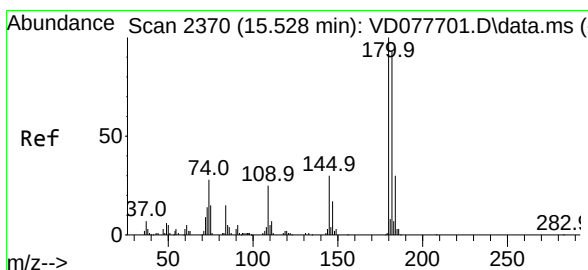
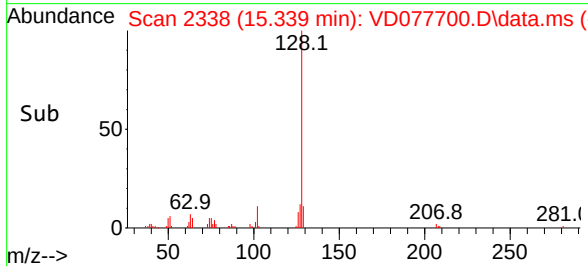
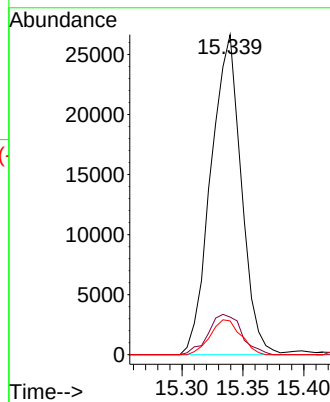
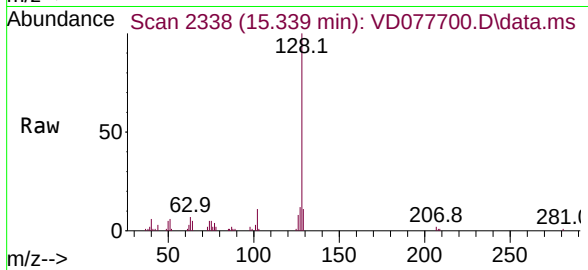
Tgt Ion:128 Resp: 46281

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 5.053 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077700.D

Acq: 29 Nov 2023 15:02

Tgt Ion:180 Resp: 21942

Ion Ratio Lower Upper

180 100

182 95.3 77.3 115.9

145 32.3 25.2 37.8

