

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112321\
 Data File : VX025304.D
 Acq On : 24 Nov 2021 03:08
 Operator : JC/MD
 Sample : M4795-01
 Misc : 5.11g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 24 05:02:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

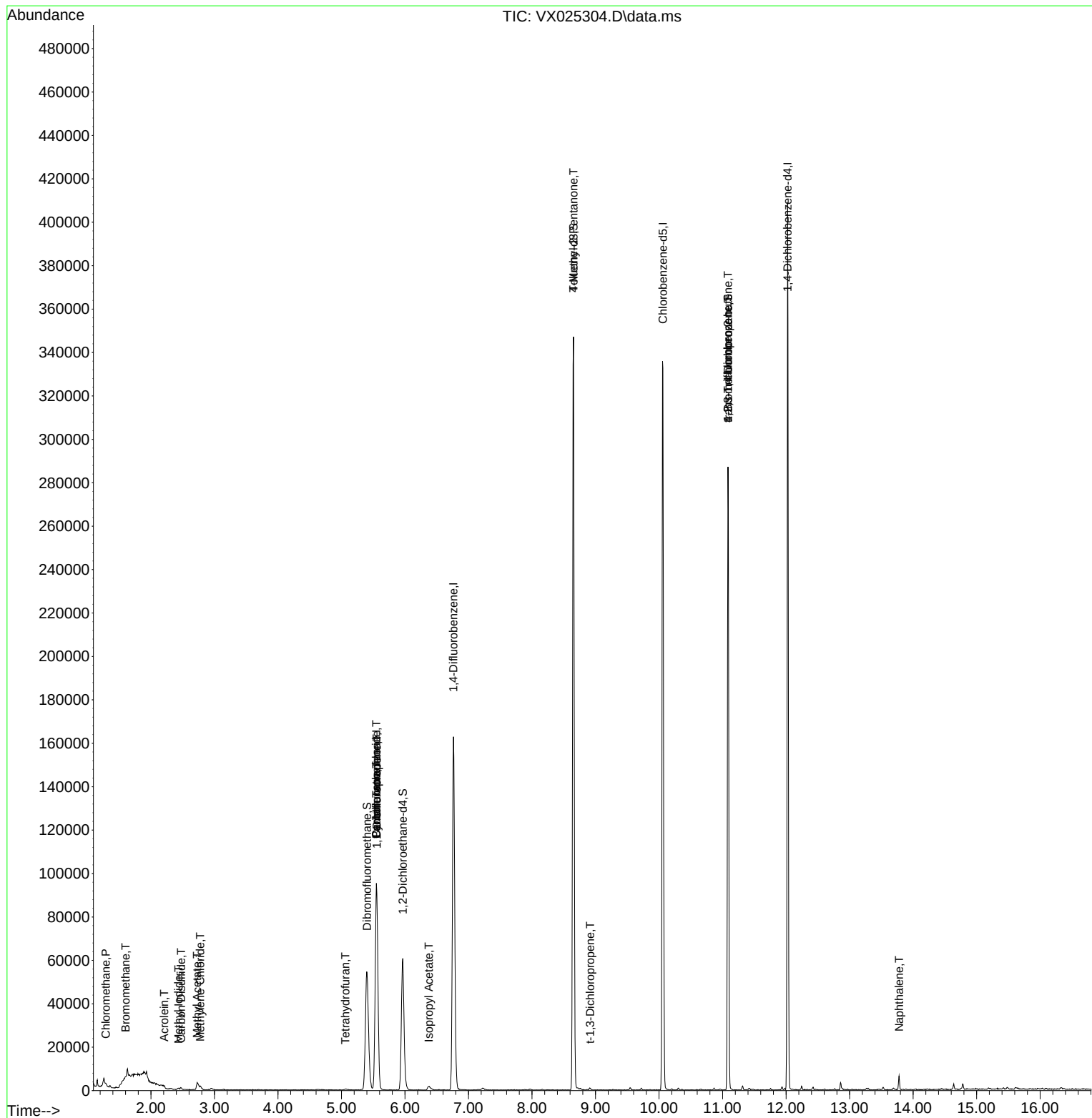
Internal Standards						
1) Pentafluorobenzene	5.550	168	103734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188017	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	179165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	86605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	61172	55.945	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.900%			
35) Dibromofluoromethane	5.403	113	56191	48.709	ug/l	0.02
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.420%			
50) Toluene-d8	8.653	98	222082	51.201	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.400%			
62) 4-Bromofluorobenzene	11.085	95	82528	50.295	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.580%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	270	0.243	ug/l	92
5) Bromomethane	1.599	94	339	0.645	ug/l	89
10) Methyl Iodide	2.434	142	322	0.267	ug/l #	72
11) Tert butyl alcohol	2.947	59	370	Below Cal	#	72
13) Acrolein	2.209	56	94	1.877	ug/l #	13
17) Carbon Disulfide	2.477	76	878	0.325	ug/l #	80
18) Methyl Acetate	2.727	43	5741	2.957	ug/l	100
20) Methylene Chloride	2.776	84	687	0.602	ug/l #	70
29) Tetrahydrofuran	5.062	42	627	1.153	ug/l #	43
31) Cyclohexane	5.550	56	1698	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	6915	4.215	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9546	5.284	ug/l #	16
43) Isopropyl Acetate	6.373	43	1178	0.379	ug/l #	61
51) 4-Methyl-2-Pentanone	8.653	43	971	0.499	ug/l #	1
53) t-1,3-Dichloropropene	8.915	75	726	0.375	ug/l #	43
76) 1,2,3-Trichloropropane	11.085	75	39488	22.266	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	39488	56.091	ug/l #	9
95) Naphthalene	13.780	128	4052	0.321	ug/l	98

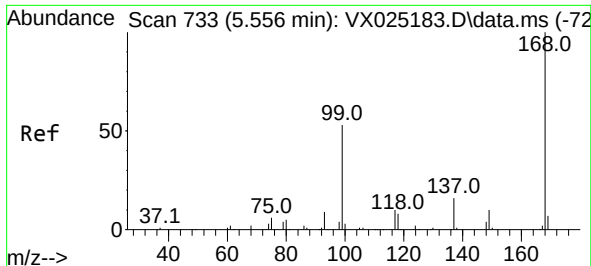
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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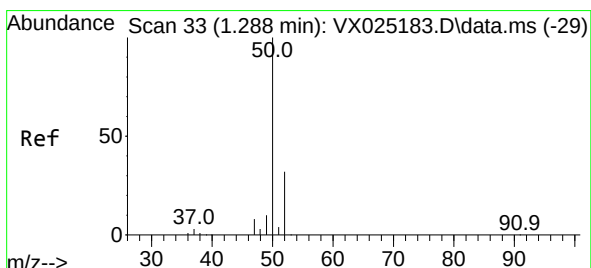
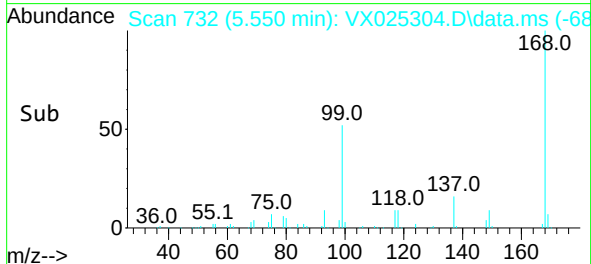
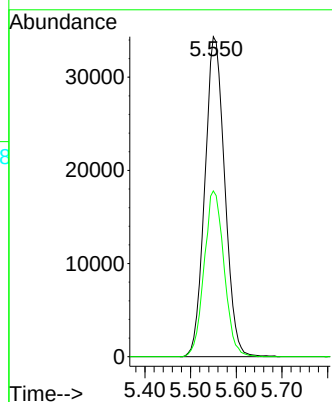
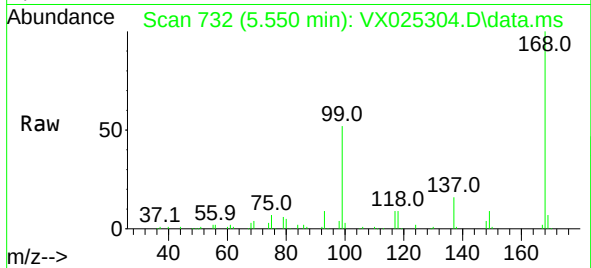




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

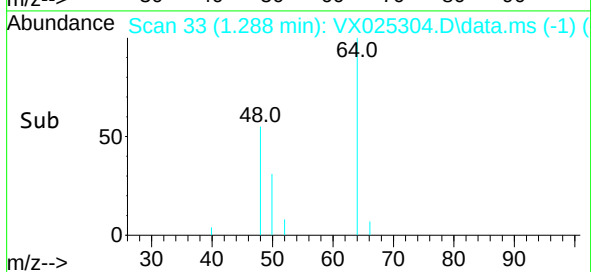
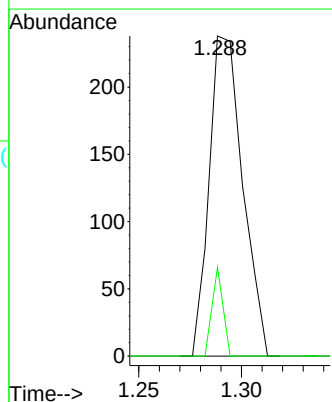
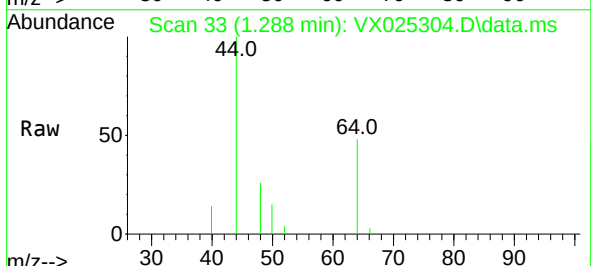
Instrument :
MSVOA_X
ClientSampleId :

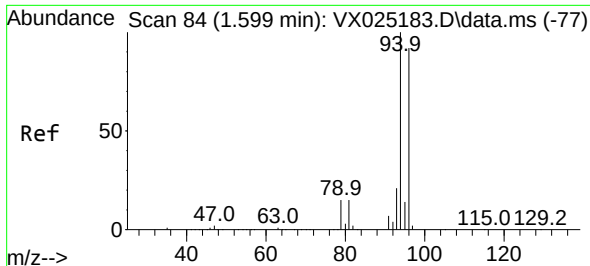
Tgt Ion:168 Resp: 103734
Ion Ratio Lower Upper
168 100
99 51.8 46.4 69.6



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

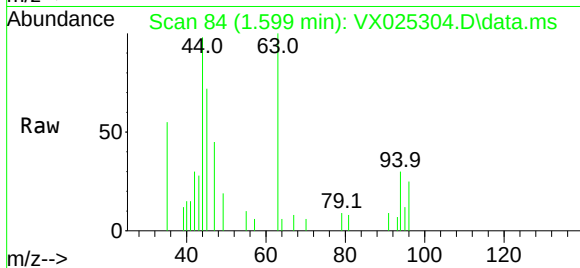
Tgt Ion: 50 Resp: 270
Ion Ratio Lower Upper
50 100
52 27.7 25.9 38.9



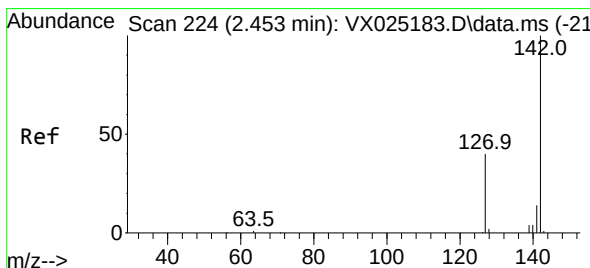
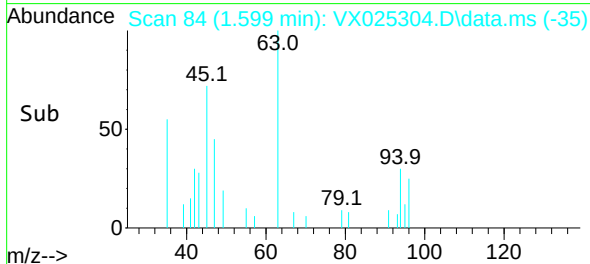
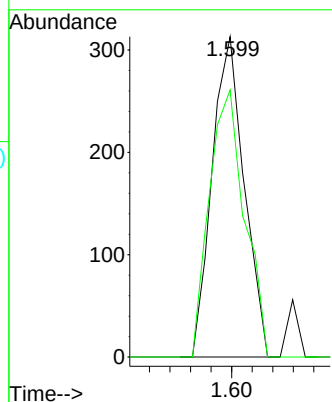


#5
Bromomethane
Concen: 0.645 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Instrument :
MSVOA_X
ClientSampleId :

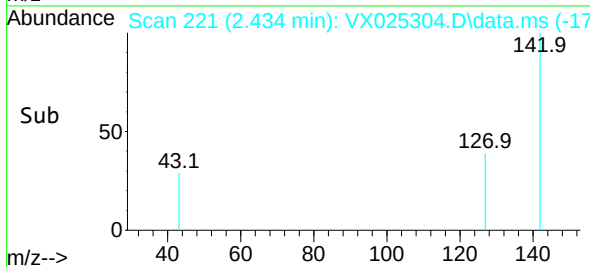
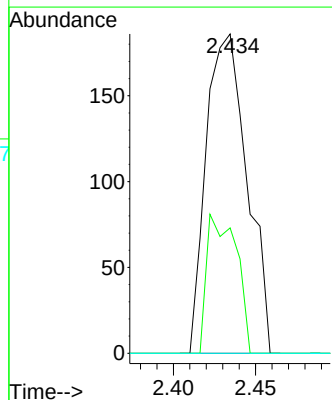
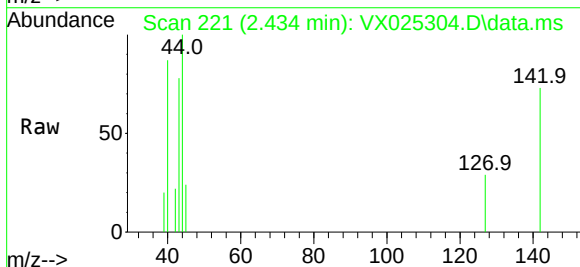


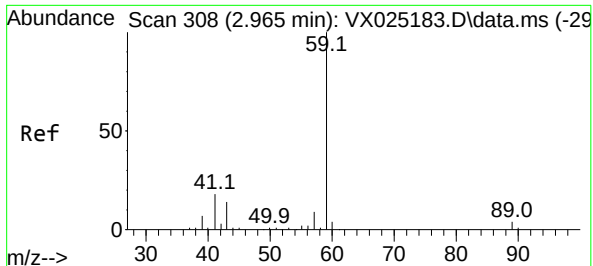
Tgt Ion: 94 Resp: 339
Ion Ratio Lower Upper
94 100
96 83.4 74.8 112.2



#10
Methyl Iodide
Concen: 0.267 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Tgt Ion: 142 Resp: 322
Ion Ratio Lower Upper
142 100
127 31.4 38.9 58.3#
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025304.D

Acq: 24 Nov 2021 03:08

Instrument :

MSVOA_X

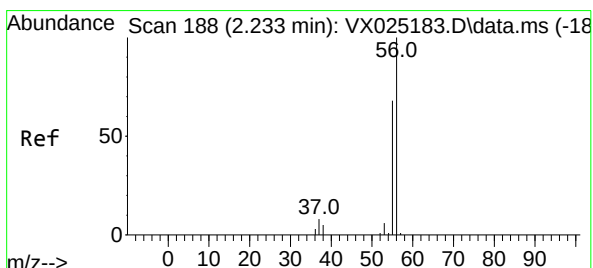
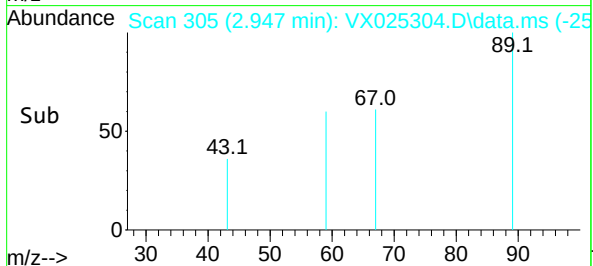
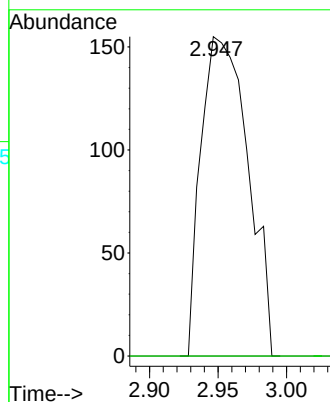
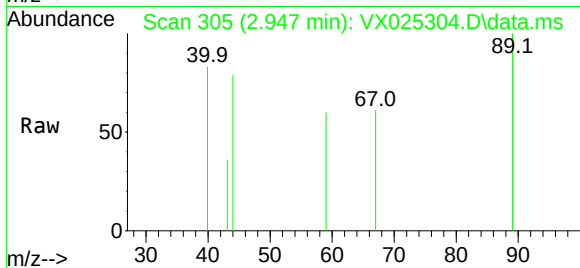
ClientSampleId :

Tgt Ion: 59 Resp: 370

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 1.877 ug/l

RT: 2.209 min Scan# 184

Delta R.T. -0.024 min

Lab File: VX025304.D

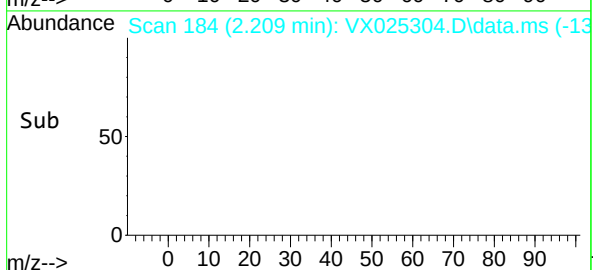
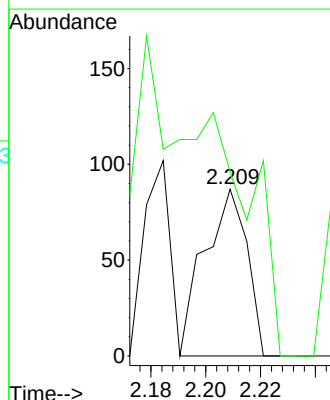
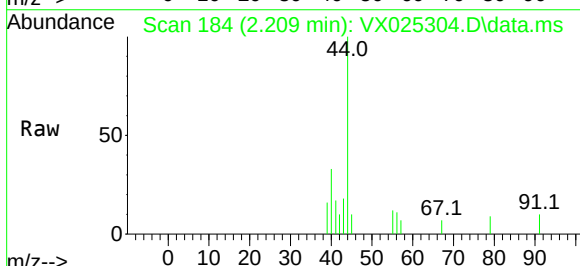
Acq: 24 Nov 2021 03:08

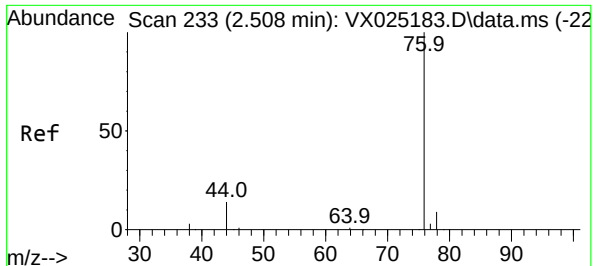
Tgt Ion: 56 Resp: 94

Ion Ratio Lower Upper

56 100

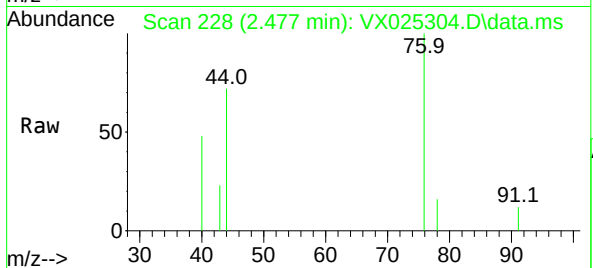
55 0.0 58.6 87.8#



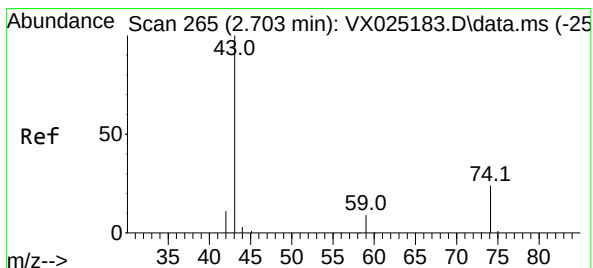
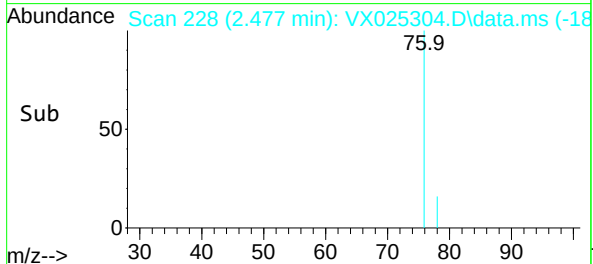
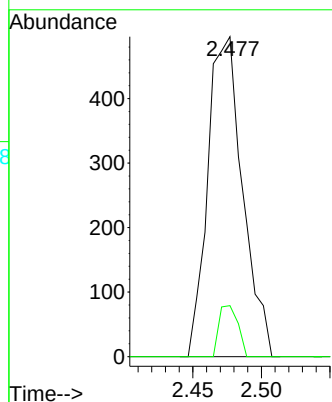


#17
Carbon Disulfide
Concen: 0.325 ug/l
RT: 2.477 min Scan# 211
Delta R.T. -0.031 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Instrument :
MSVOA_X
ClientSampleId :

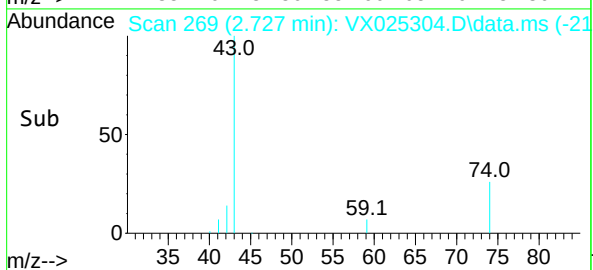
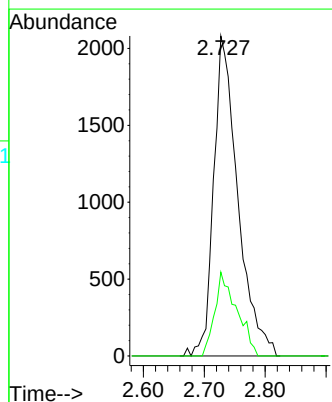
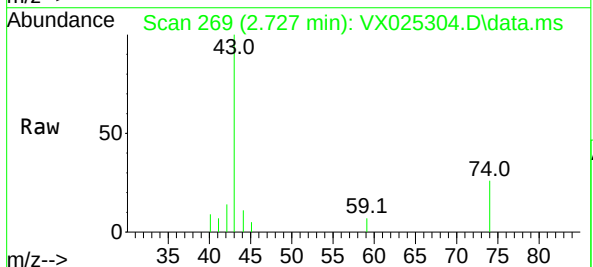


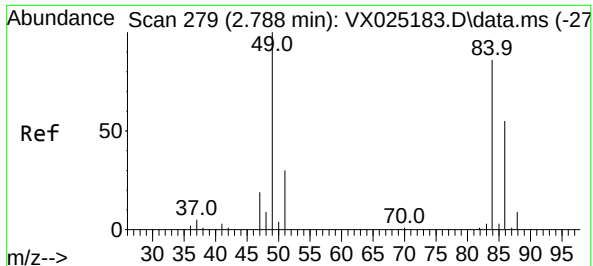
Tgt Ion: 76 Resp: 878
Ion Ratio Lower Upper
76 100
78 15.9 6.9 10.3#



#18
Methyl Acetate
Concen: 2.957 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.024 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

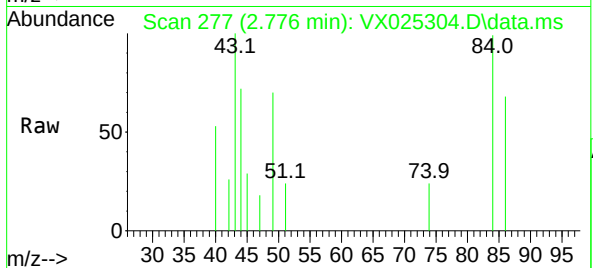
Tgt Ion: 43 Resp: 5741
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.6



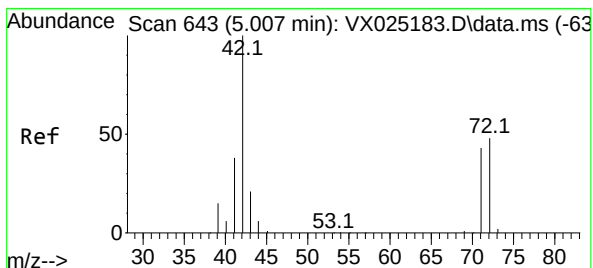
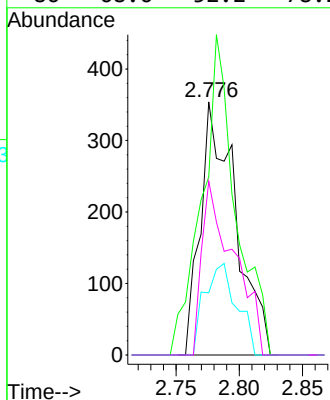


#20
Methylene Chloride
Concen: 0.602 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Instrument :
MSVOA_X
ClientSampleId :

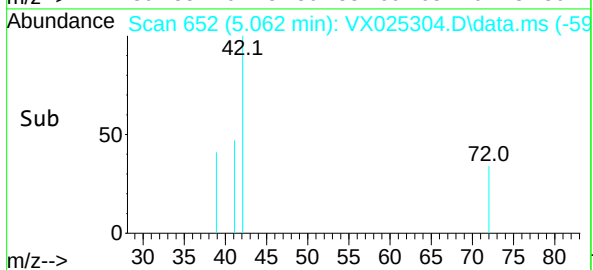
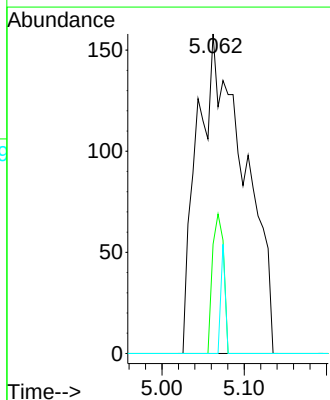
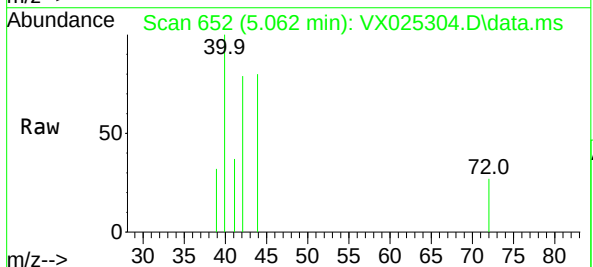


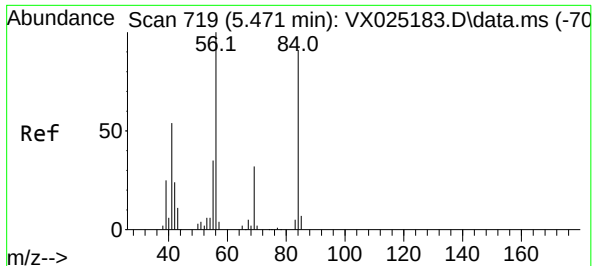
Tgt Ion:	84	Resp:	687
Ion	Ratio	Lower	Upper
84	100		
49	70.3	98.2	147.2#
51	24.6	30.2	45.4#
86	68.6	52.2	78.2



#29
Tetrahydrofuran
Concen: 1.153 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.055 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

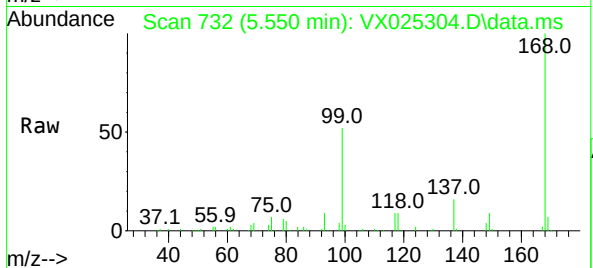
Tgt Ion:	42	Resp:	627
Ion	Ratio	Lower	Upper
42	100		
72	10.4	36.1	54.1#
71	3.2	33.7	50.5#



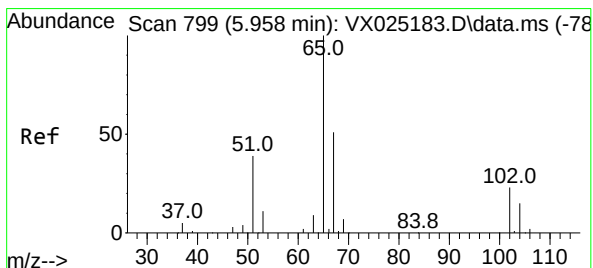
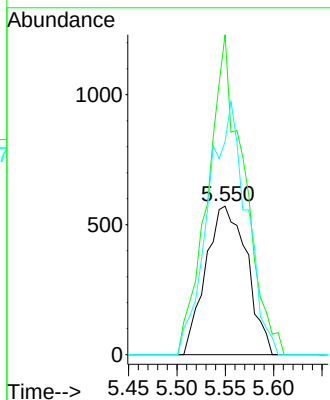
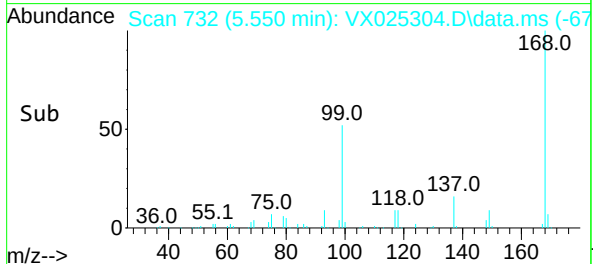


#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Instrument :
MSVOA_X
ClientSampleId :

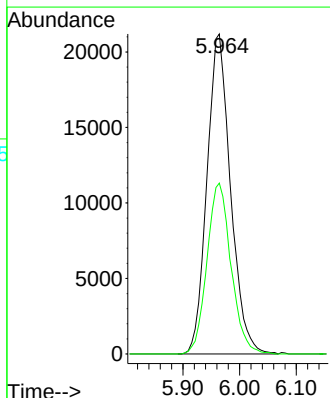
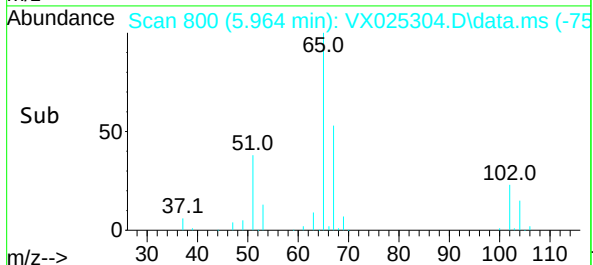
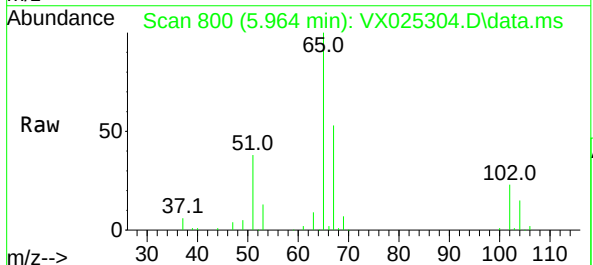


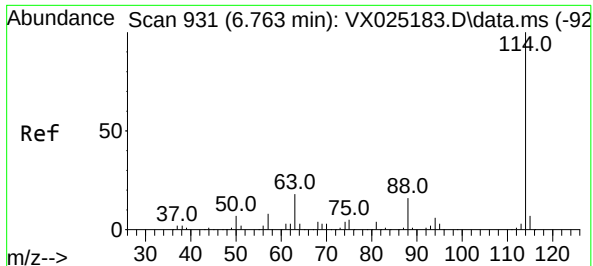
Tgt Ion: 56 Resp: 1698
Ion Ratio Lower Upper
56 100
69 215.6 24.2 36.2#
84 143.4 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.945 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Tgt Ion: 65 Resp: 61172
Ion Ratio Lower Upper
65 100
67 54.5 0.0 101.0

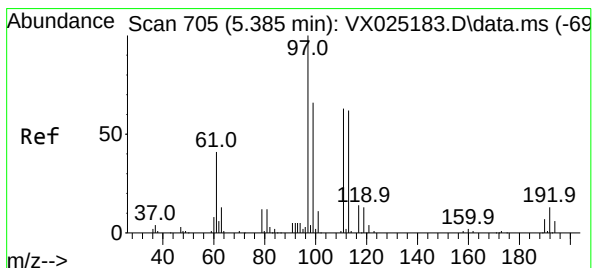
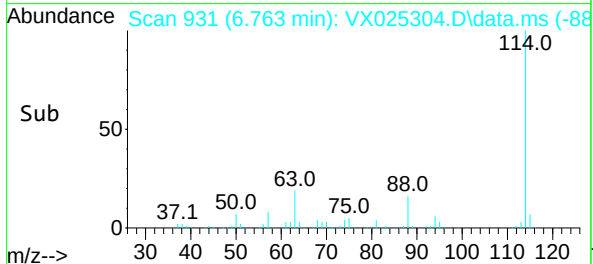
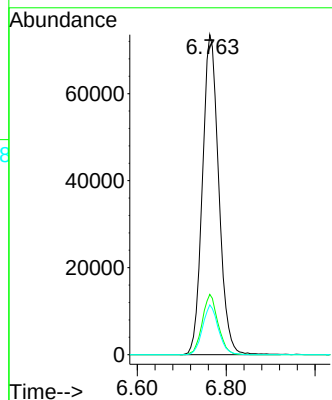
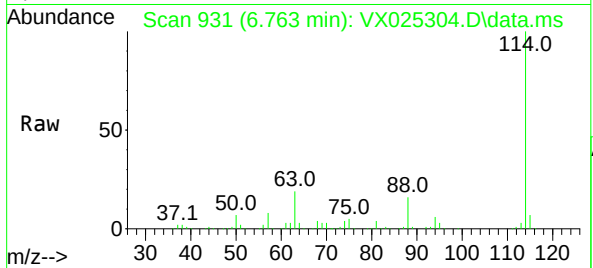




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

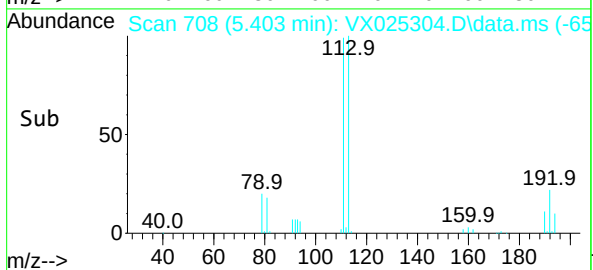
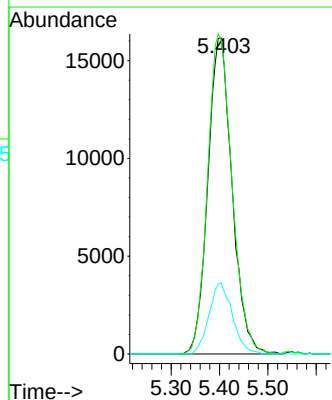
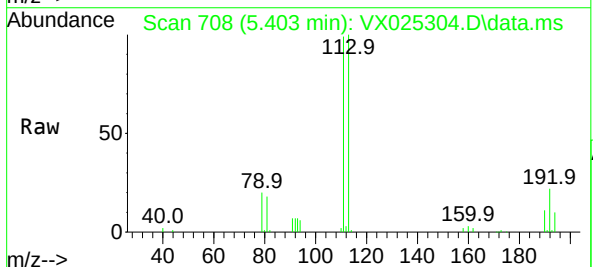
Instrument :
MSVOA_X
ClientSampleId :

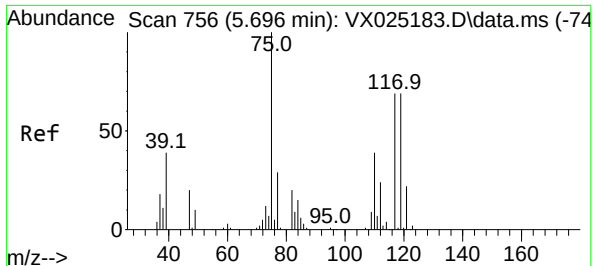
Tgt Ion:114 Resp: 188017
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.0
88 15.6 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.709 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.018 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Tgt Ion:113 Resp: 56191
Ion Ratio Lower Upper
113 100
111 102.3 82.1 123.1
192 21.6 15.6 23.4

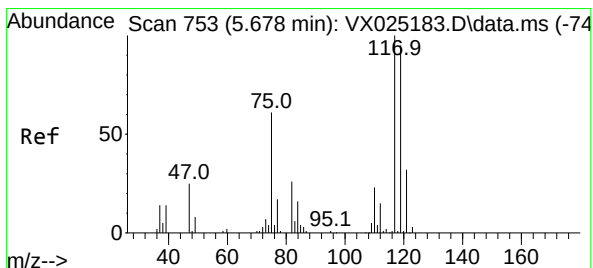
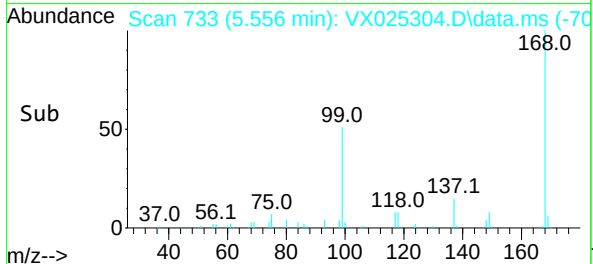
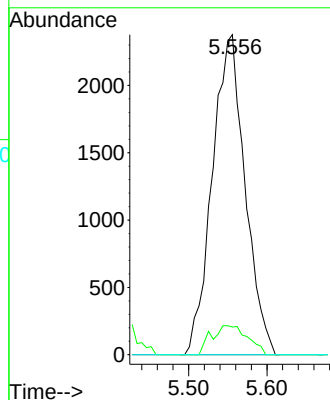
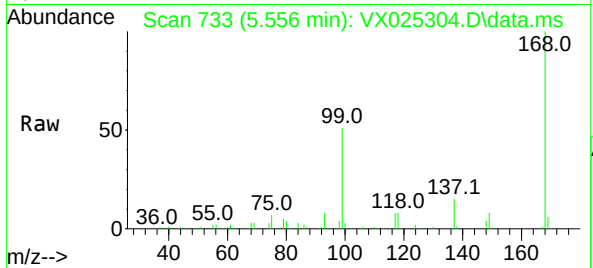




#36
1,1-Dichloropropene
Concen: 4.215 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

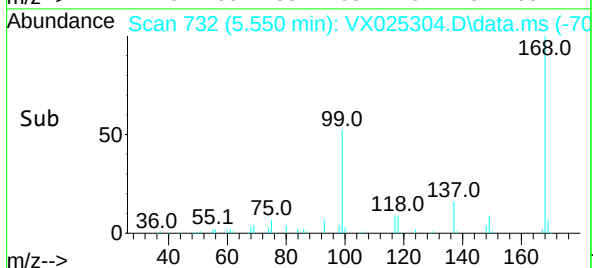
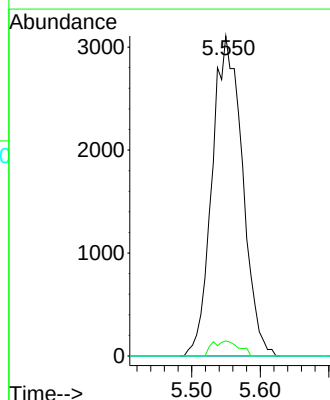
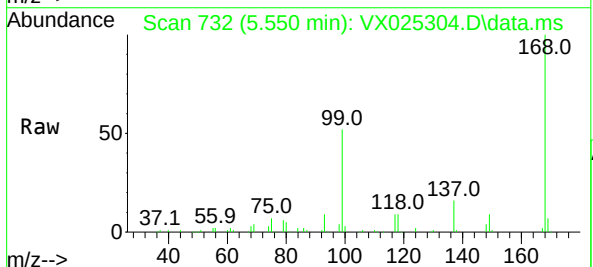
Instrument :
MSVOA_X
ClientSampleId :

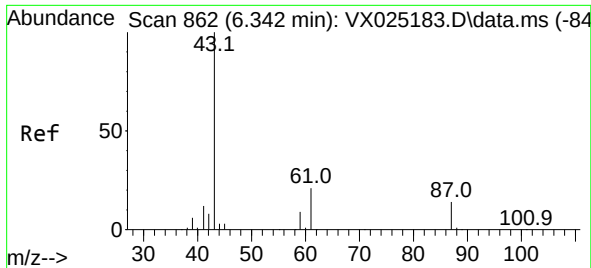
Tgt Ion: 75 Resp: 6915
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.284 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

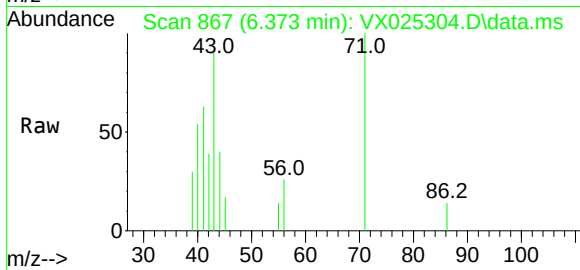
Tgt Ion: 117 Resp: 9546
Ion Ratio Lower Upper
117 100
119 4.7 75.6 113.4#
121 0.0 23.7 35.5#



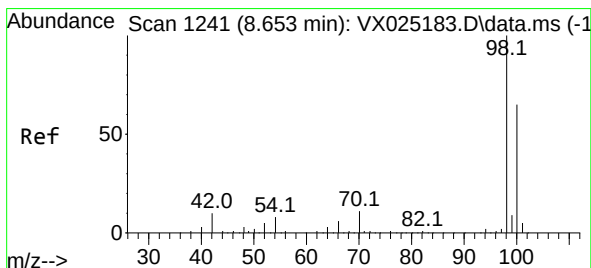
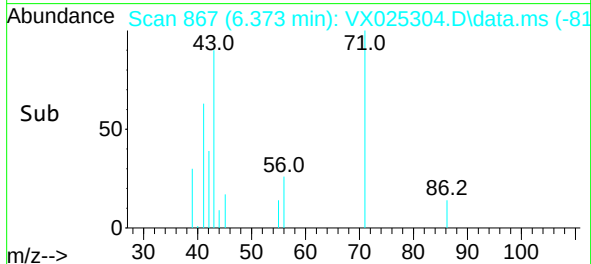
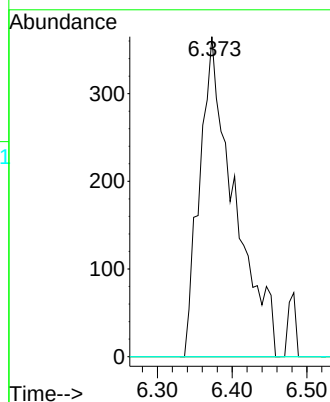


#43
Isopropyl Acetate
Concen: 0.379 ug/l
RT: 6.373 min Scan# 867
Delta R.T. 0.031 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Instrument :
MSVOA_X
ClientSampleId :

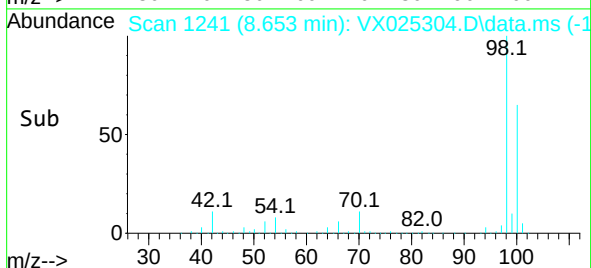
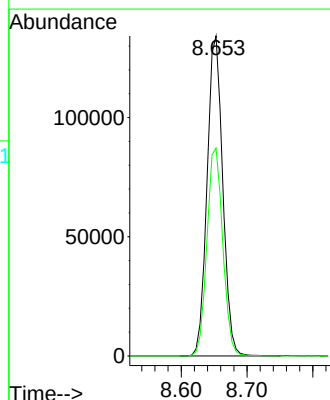
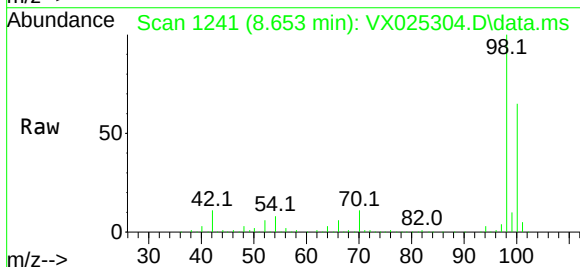


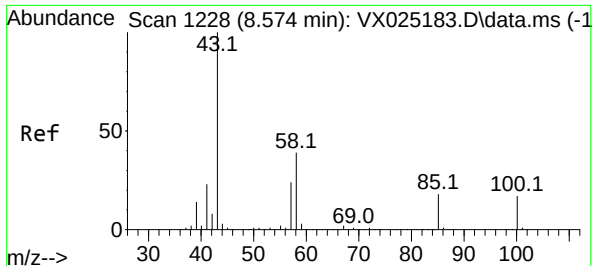
Tgt Ion: 43 Resp: 1178
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.9 16.3#



#50
Toluene-d8
Concen: 51.201 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Tgt Ion: 98 Resp: 222082
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.499 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX025304.D

Acq: 24 Nov 2021 03:08

Instrument :

MSVOA_X

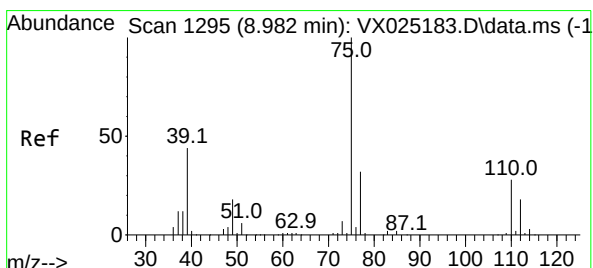
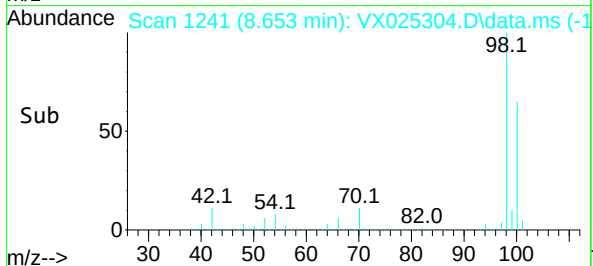
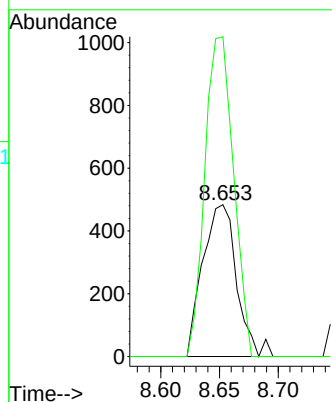
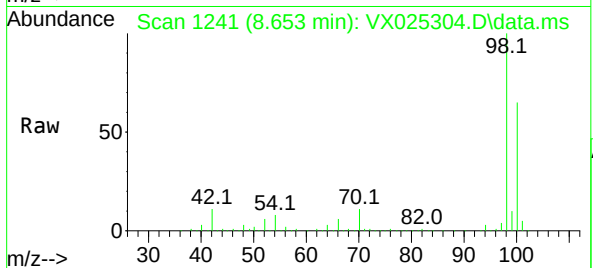
ClientSampleId :

Tgt Ion: 43 Resp: 971

Ion Ratio Lower Upper

43 100

58 178.2 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 0.375 ug/l

RT: 8.915 min Scan# 1284

Delta R.T. -0.067 min

Lab File: VX025304.D

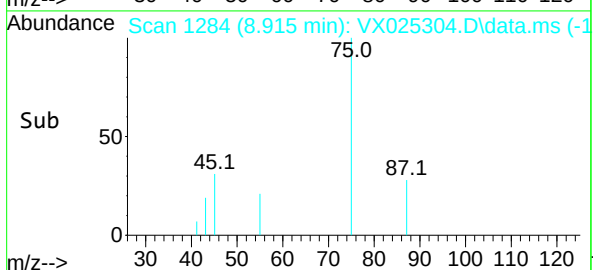
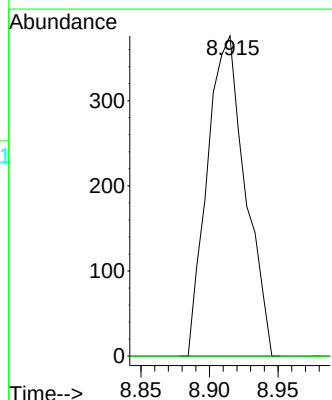
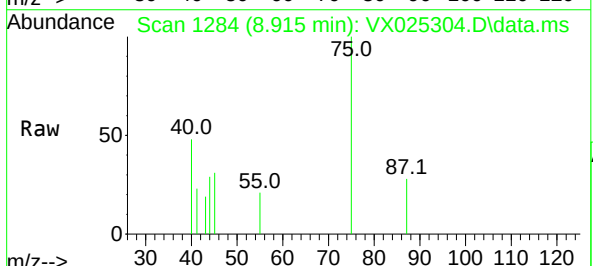
Acq: 24 Nov 2021 03:08

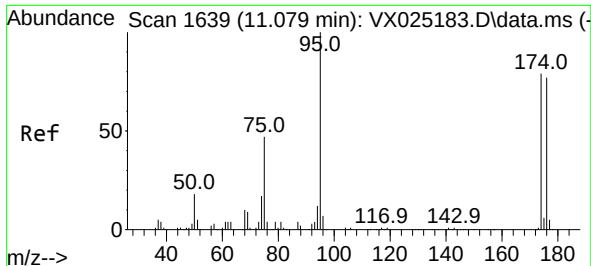
Tgt Ion: 75 Resp: 726

Ion Ratio Lower Upper

75 100

77 0.0 25.6 38.4#





#62

4-Bromofluorobenzene

Concen: 50.295 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX025304.D

Acq: 24 Nov 2021 03:08

Instrument :

MSVOA_X

ClientSampleId :

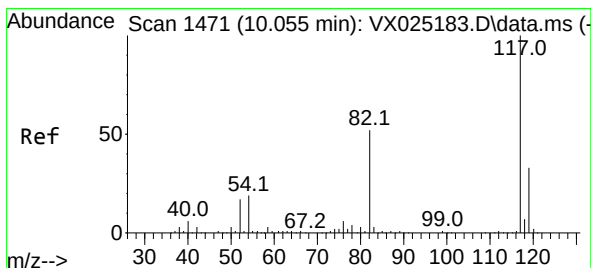
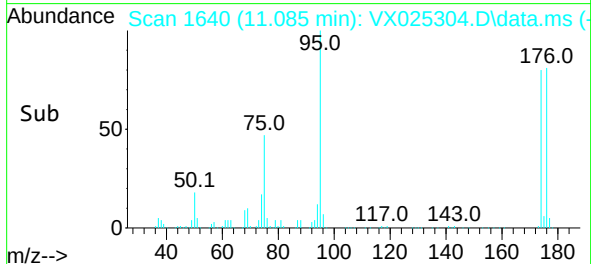
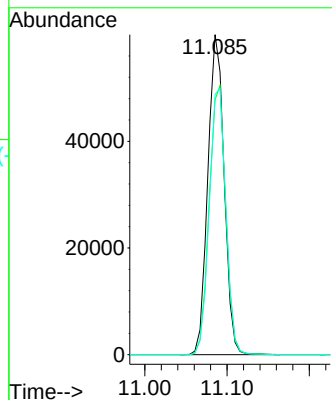
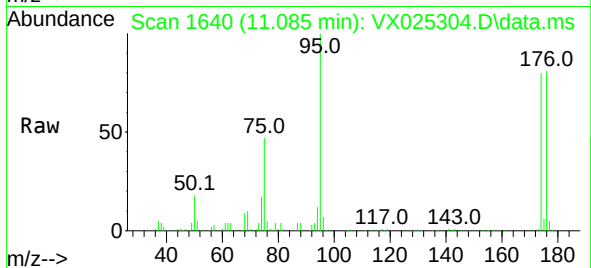
Tgt Ion: 95 Resp: 82528

Ion Ratio Lower Upper

95 100

174 85.5 0.0 158.0

176 84.8 0.0 153.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.061 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VX025304.D

Acq: 24 Nov 2021 03:08

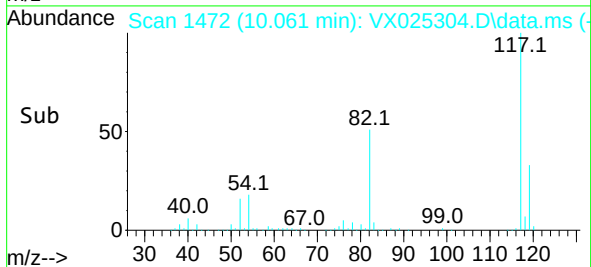
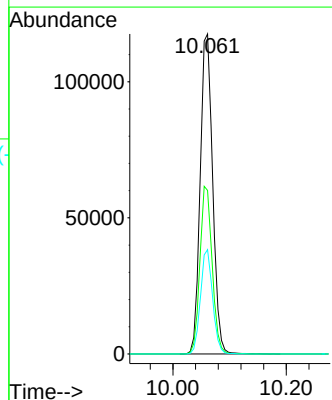
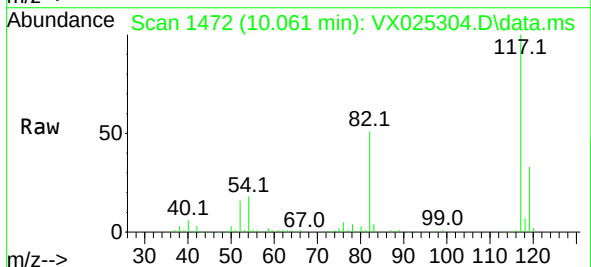
Tgt Ion: 117 Resp: 179165

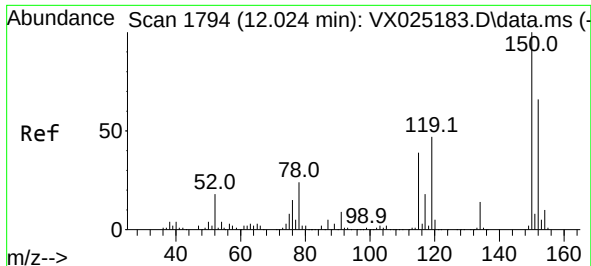
Ion Ratio Lower Upper

117 100

82 51.1 44.6 67.0

119 32.6 24.8 37.2

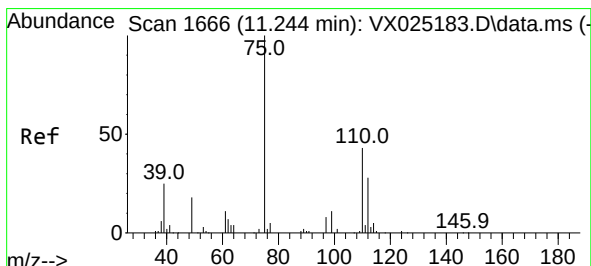
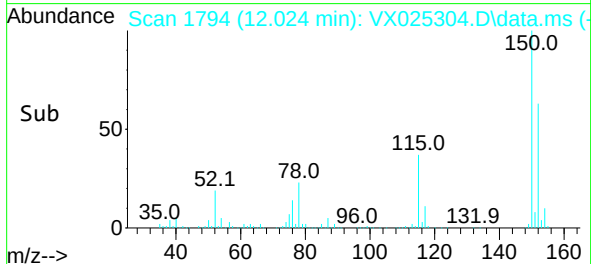
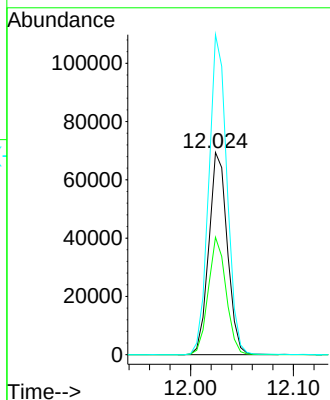
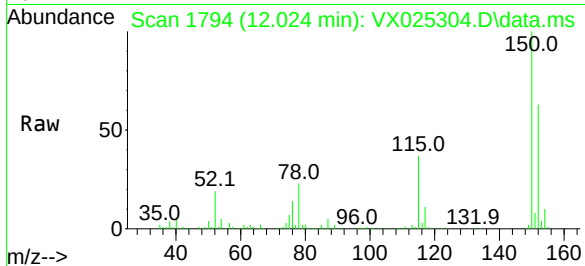




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025304.D
 Acq: 24 Nov 2021 03:08

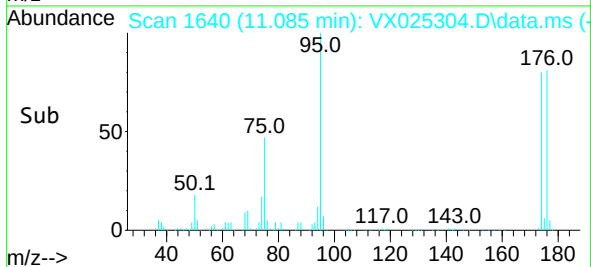
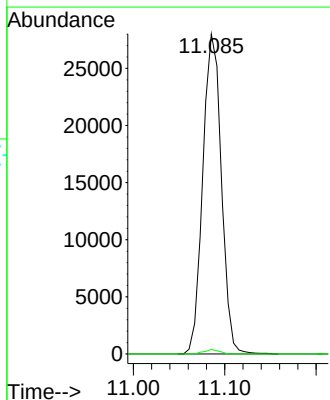
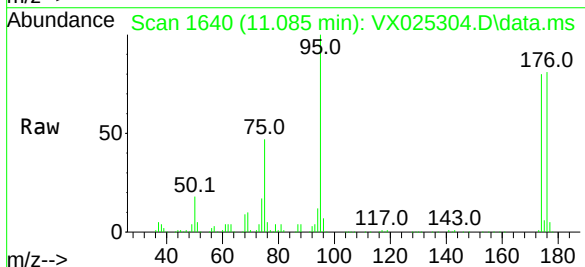
Instrument :
 MSVOA_X
 ClientSampleId :

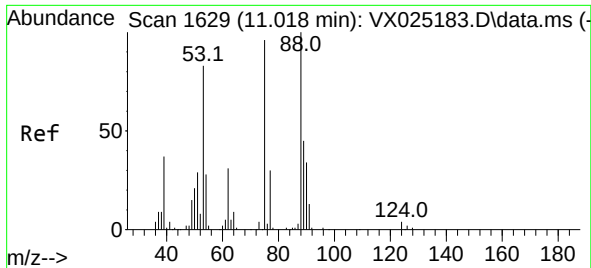
Tgt Ion:152 Resp: 86605
 Ion Ratio Lower Upper
 152 100
 115 56.0 43.3 129.8
 150 155.6 0.0 351.2



#76
 1,2,3-Trichloropropane
 Concen: 22.266 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX025304.D
 Acq: 24 Nov 2021 03:08

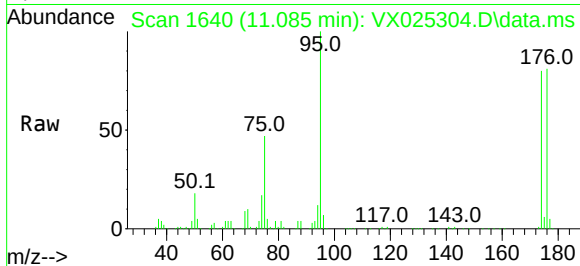
Tgt Ion: 75 Resp: 39488
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.0 59.9#



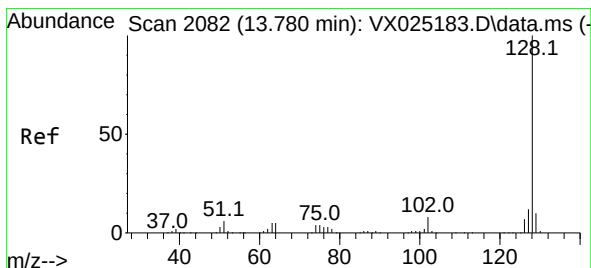
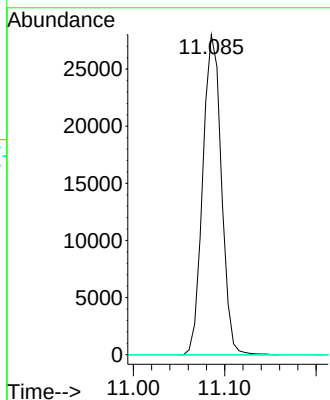
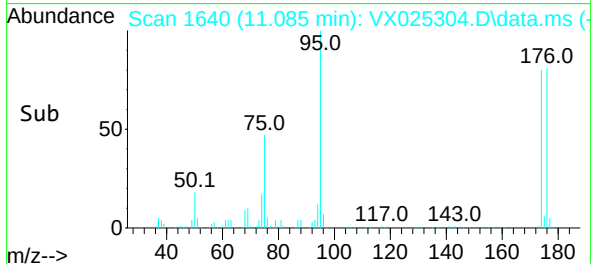


#81
trans-1,4-Dichloro-2-butene
Concen: 56.091 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 39488
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: 0.321 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025304.D
Acq: 24 Nov 2021 03:08

Tgt Ion: 128 Resp: 4052
Ion Ratio Lower Upper
128 100
127 11.7 10.3 15.5
129 10.3 8.8 13.2

