

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025332.D
 Acq On : 24 Nov 2021 17:22
 Operator : JC/MD
 Sample : M4764-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:37:00 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)

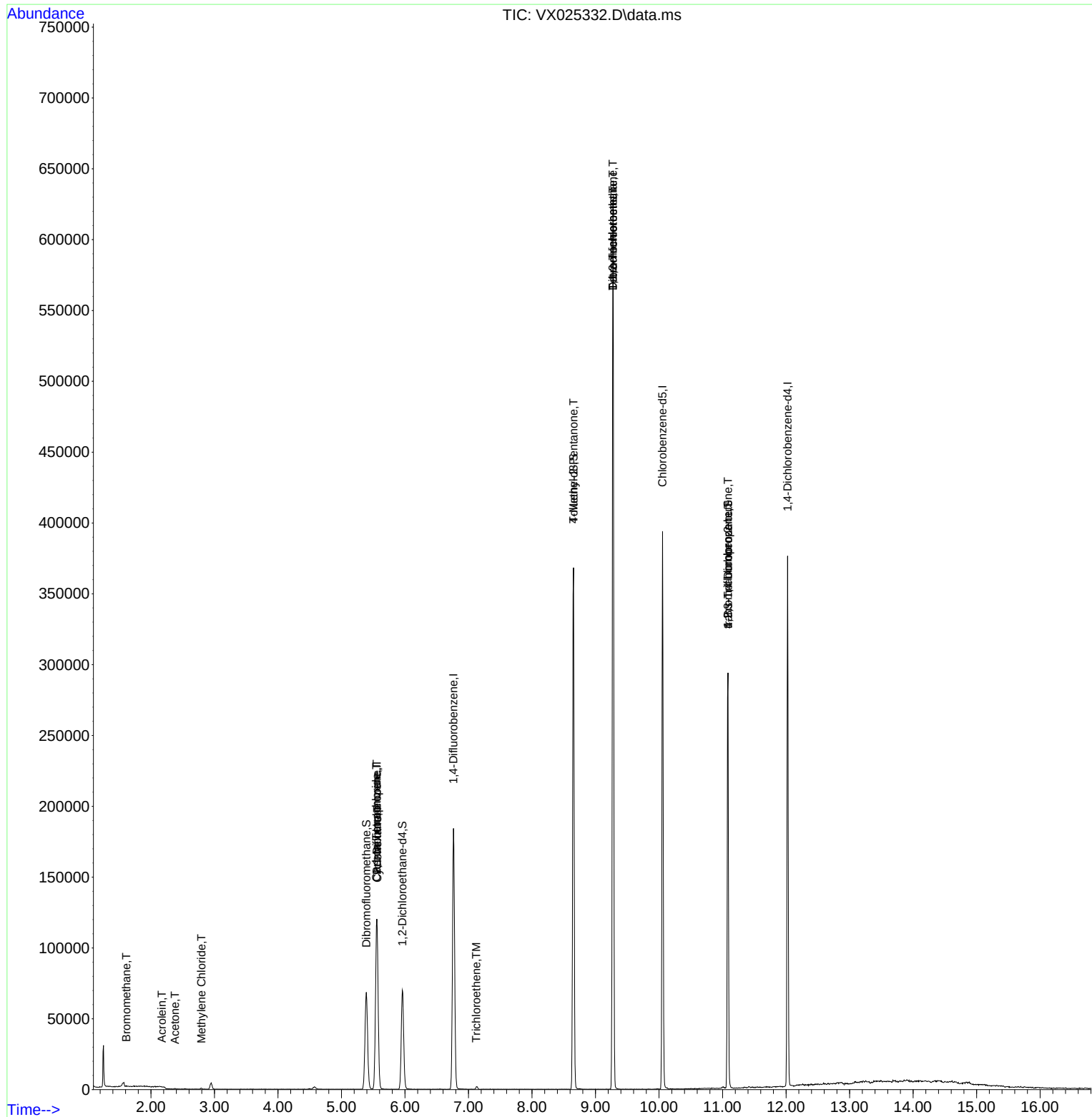
Internal Standards						
1) Pentafluorobenzene	5.556	168	124831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197089	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66047	50.195	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.400%		
35) Dibromofluoromethane	5.391	113	58884	48.694	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.380%		
50) Toluene-d8	8.653	98	224205	49.312	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.620%		
62) 4-Bromofluorobenzene	11.085	95	78647	45.723	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.440%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	162	0.256	ug/l	93
11) Tert butyl alcohol	2.947	59	2639	Below Cal	#	72
13) Acrolein	2.172	56	89	1.476	ug/l #	1
16) Acetone	2.380	43	465	0.636	ug/l #	86
20) Methylene Chloride	2.794	84	399	0.290	ug/l #	85
31) Cyclohexane	5.562	56	2137	1.051	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8413	4.893	ug/l #	50
38) Carbon Tetrachloride	5.550	117	11365	6.001	ug/l #	16
44) Trichloroethene	7.123	130	818	0.541	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	1000	0.490	ug/l #	1
55) 1,1,2-Trichloroethane	9.275	97	953	0.705	ug/l #	1
60) Dibromochloromethane	9.275	129	110191	70.832	ug/l #	11
64) Tetrachloroethene	9.275	164	120393	82.958	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	37467	22.948	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	37467	57.809	ug/l #	9
95) Naphthalene	13.780	128	206	Below Cal	#	84

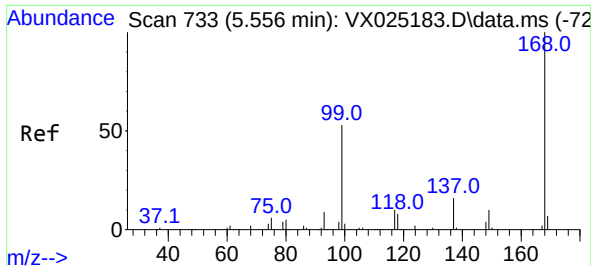
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
Data File : VX025332.D
Acq On : 24 Nov 2021 17:22
Operator : JC/MD
Sample : M4764-05 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

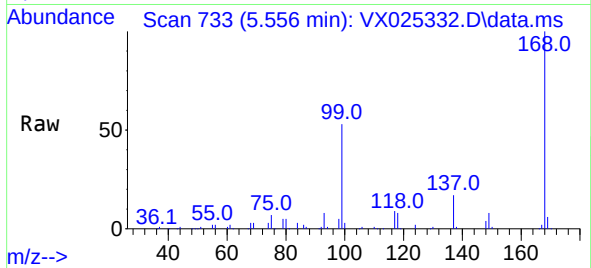
Quant Time: Nov 26 10:37:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



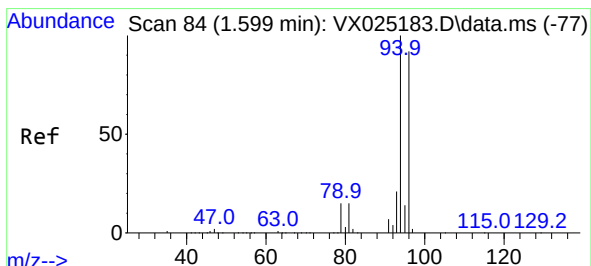
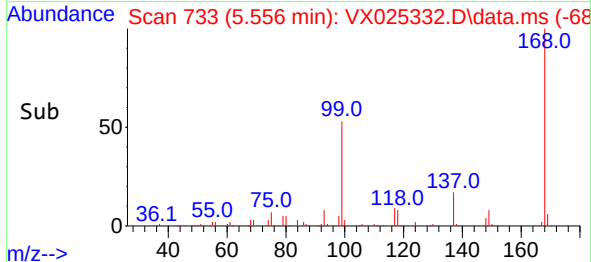
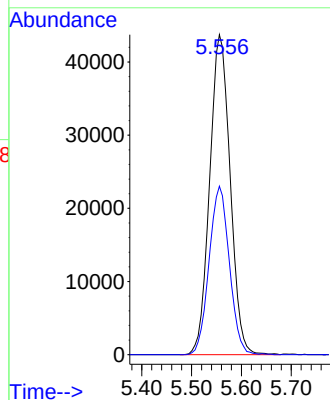


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :

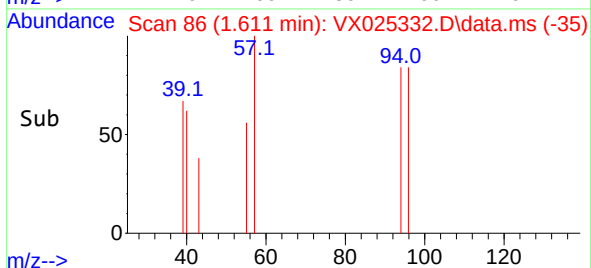
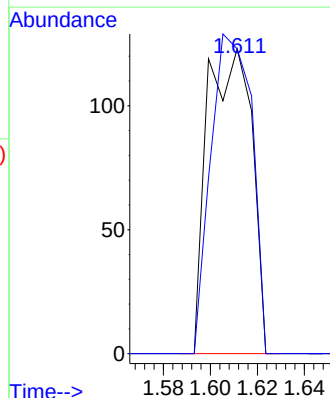
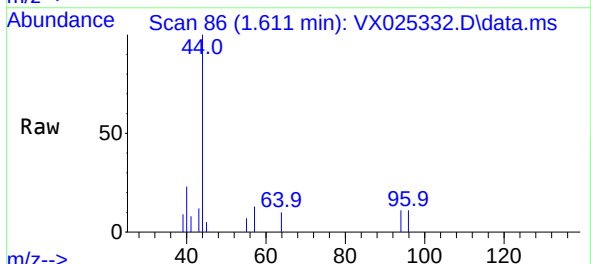


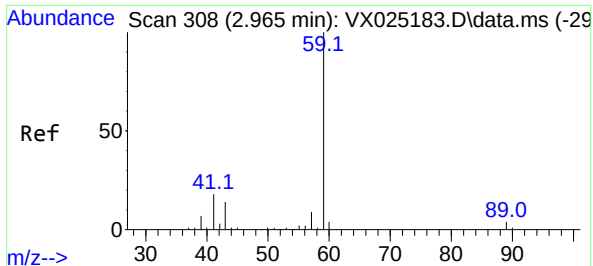
Tgt Ion:168 Resp: 124831
Ion Ratio Lower Upper
168 100
99 52.7 46.4 69.6



#5
Bromomethane
Concen: 0.256 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 100.0 74.8 112.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

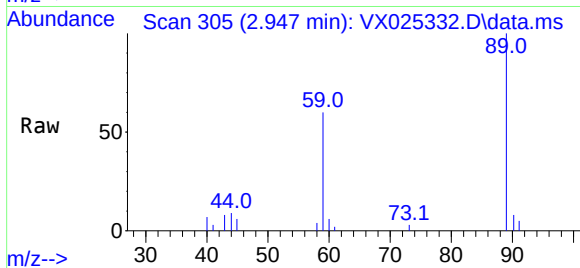
Lab File: VX025332.D

Acq: 24 Nov 2021 17:22

Instrument :

MSVOA_X

ClientSampleId :

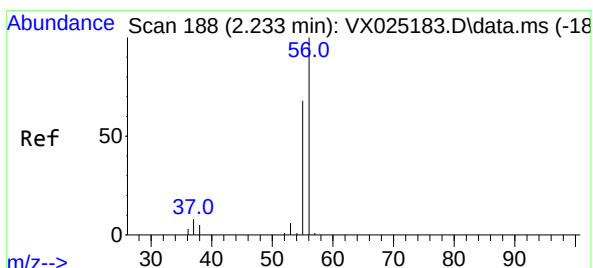
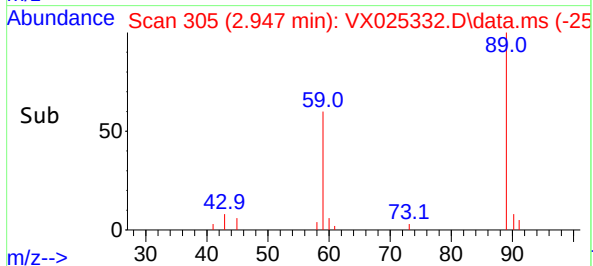
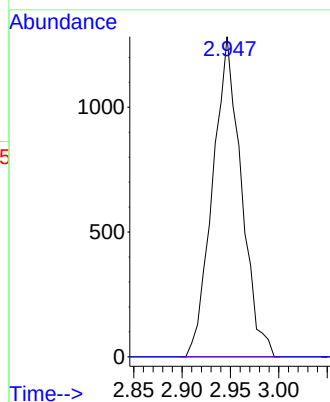


Tgt Ion: 59 Resp: 2639

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#13

Acrolein

Concen: 1.476 ug/l

RT: 2.172 min Scan# 178

Delta R.T. -0.061 min

Lab File: VX025332.D

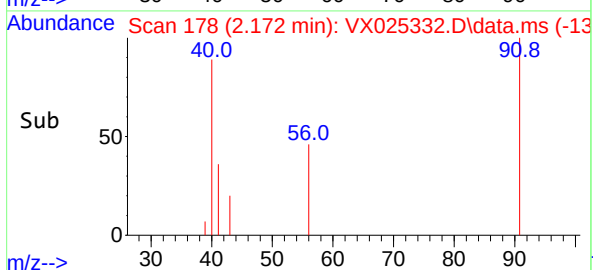
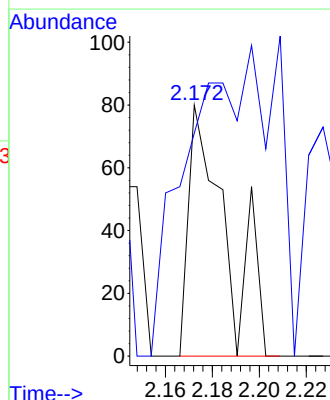
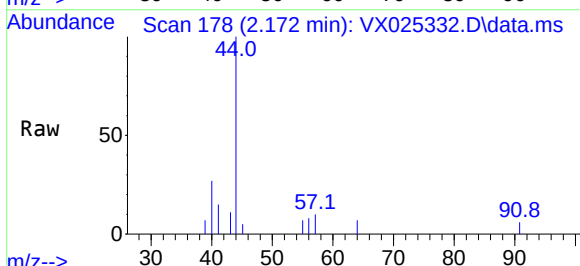
Acq: 24 Nov 2021 17:22

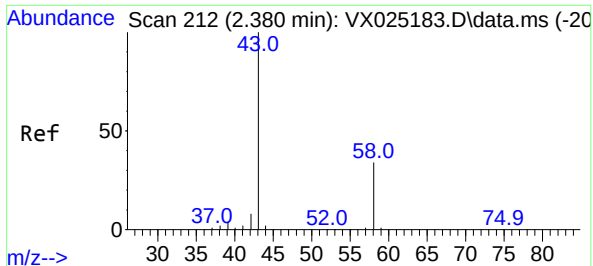
Tgt Ion: 56 Resp: 89

Ion Ratio Lower Upper

56 100

55 175.3 58.6 87.8#

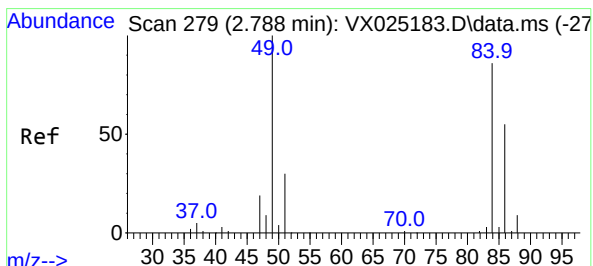
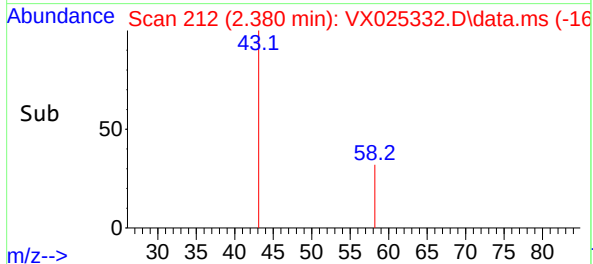
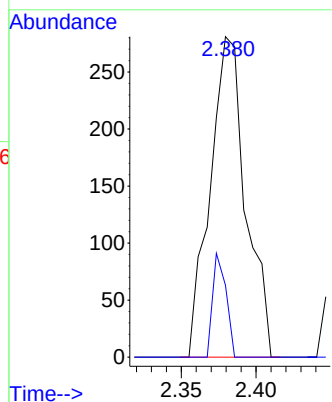
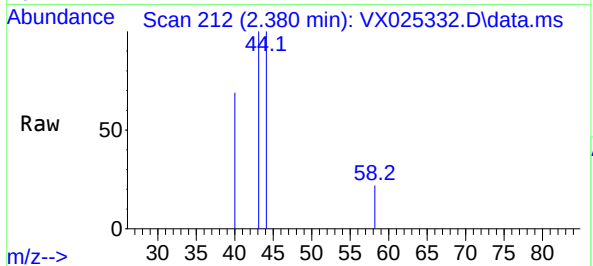




#16
Acetone
Concen: 0.636 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

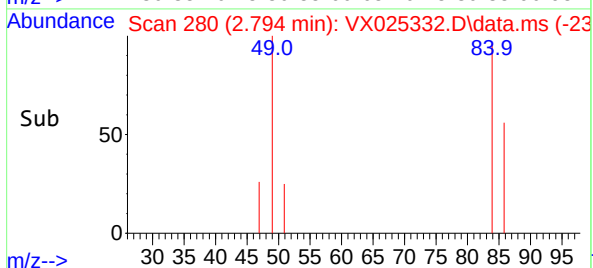
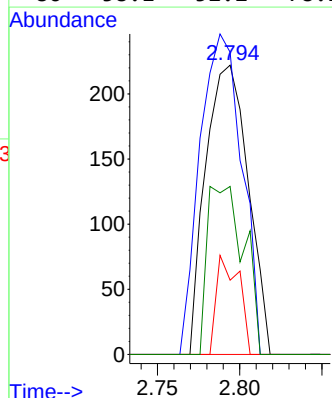
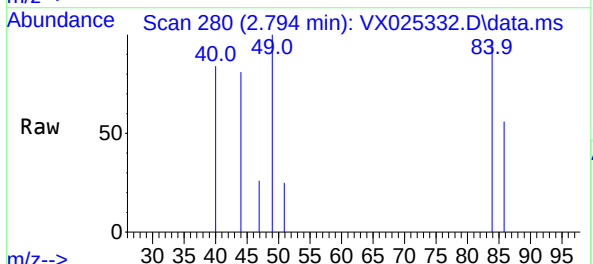
Instrument :
MSVOA_X
ClientSampleId :

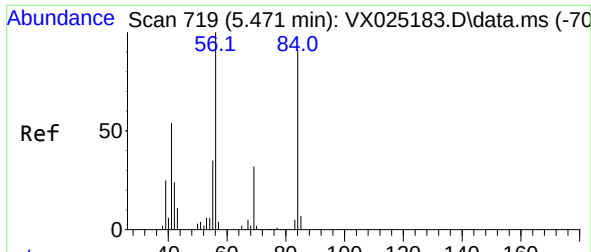
Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 22.4 24.0 36.0#



#20
Methylene Chloride
Concen: 0.290 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

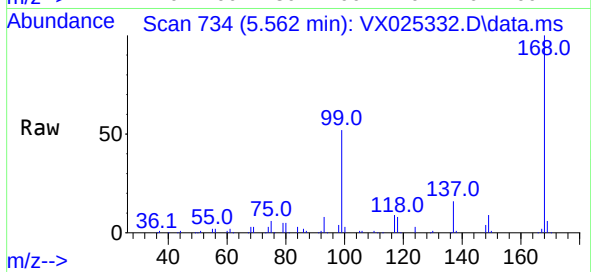
Tgt Ion: 84 Resp: 399
Ion Ratio Lower Upper
84 100
49 104.5 98.2 147.2
51 25.7 30.2 45.4#
86 58.1 52.2 78.2



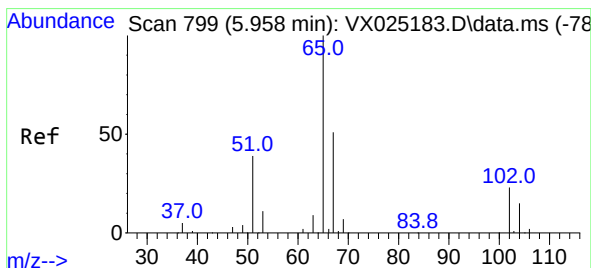
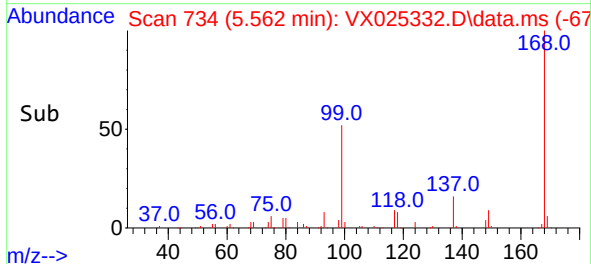
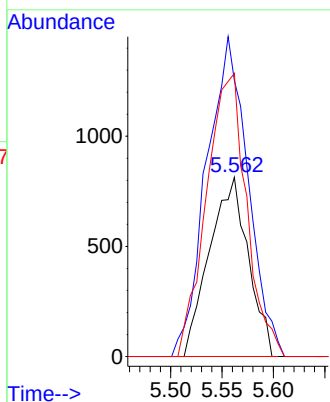


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :

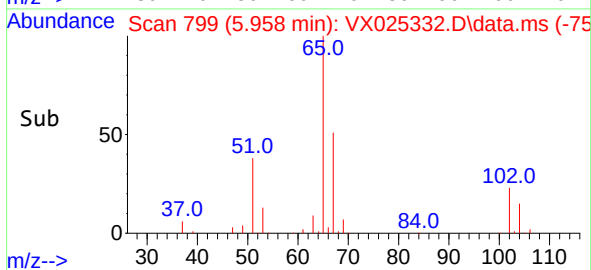
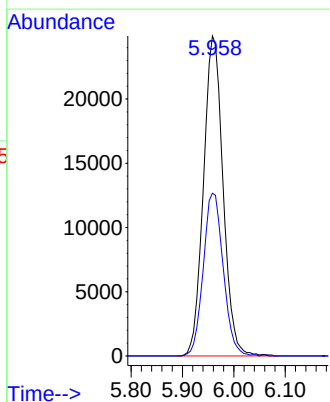
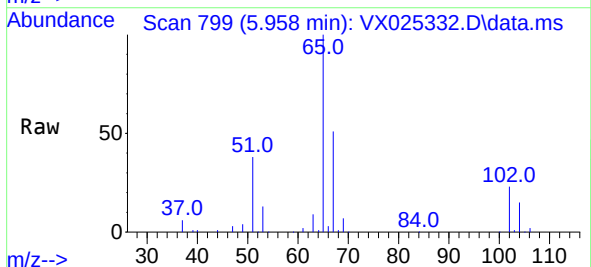


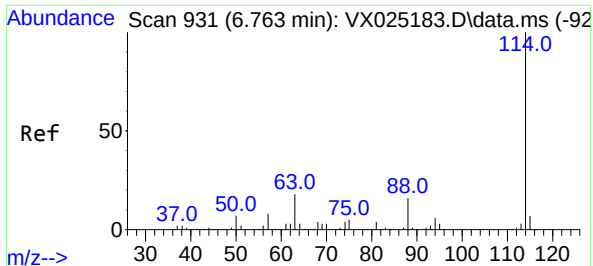
Tgt Ion: 56 Resp: 2137
Ion Ratio Lower Upper
56 100
69 145.6 24.2 36.2#
84 158.0 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 50.195 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 65 Resp: 66047
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.0

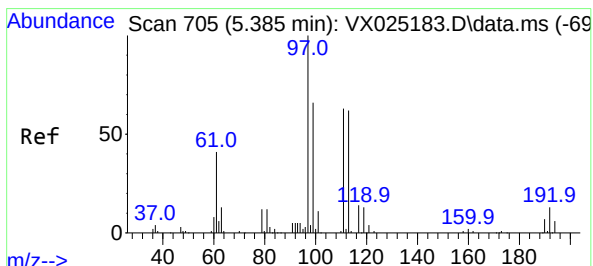
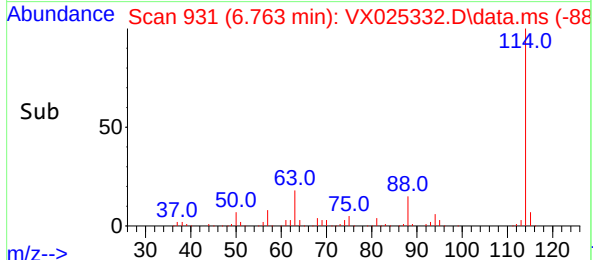
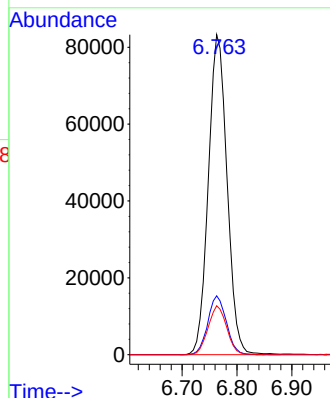
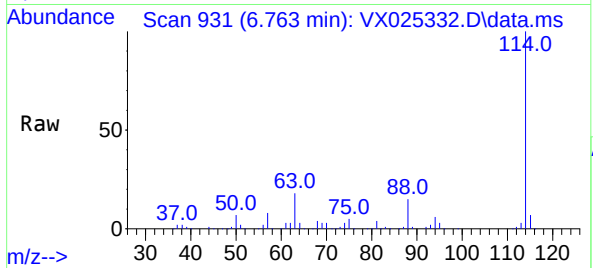




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

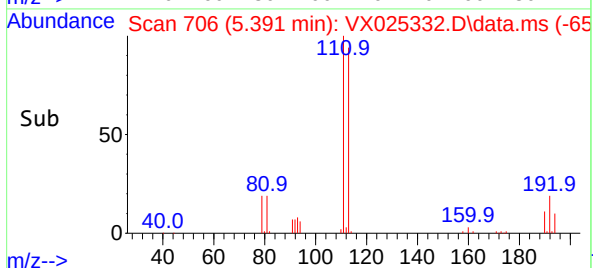
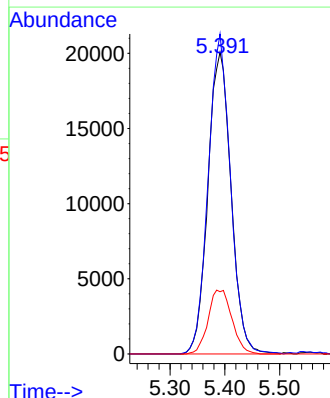
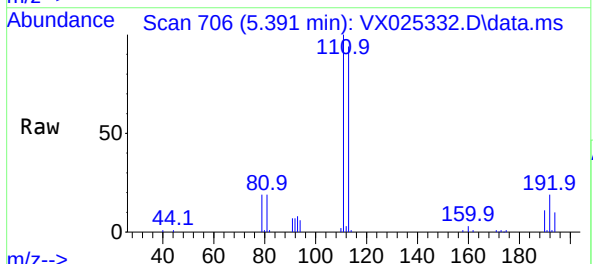
Instrument :
MSVOA_X
ClientSampleId :

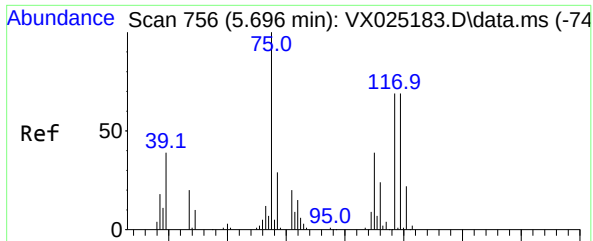
Tgt Ion:114 Resp: 197089
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

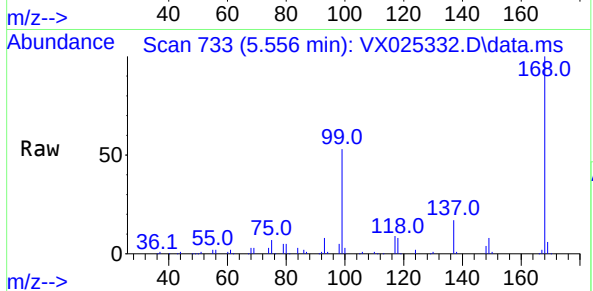
Tgt Ion:113 Resp: 58884
Ion Ratio Lower Upper
113 100
111 102.2 82.1 123.1
192 21.7 15.6 23.4



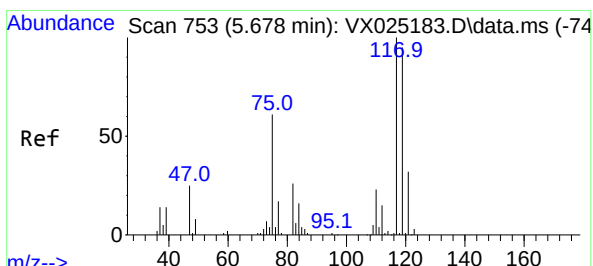
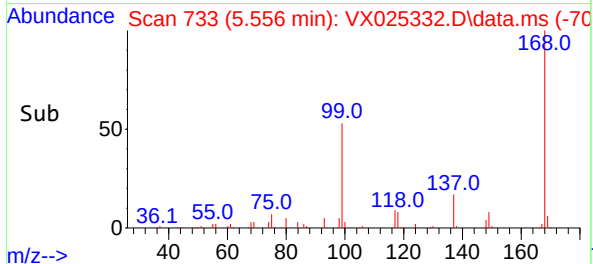
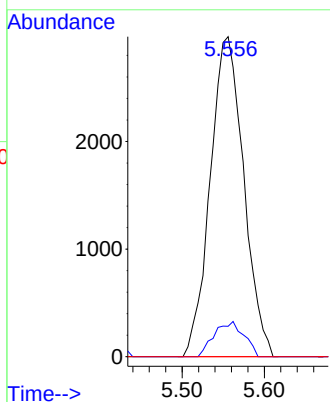


#36
1,1-Dichloropropene
Concen: 4.893 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :

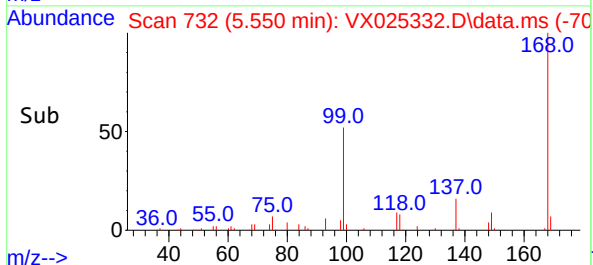
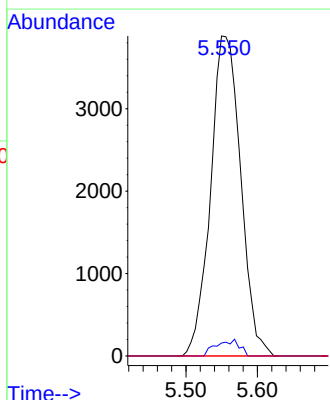
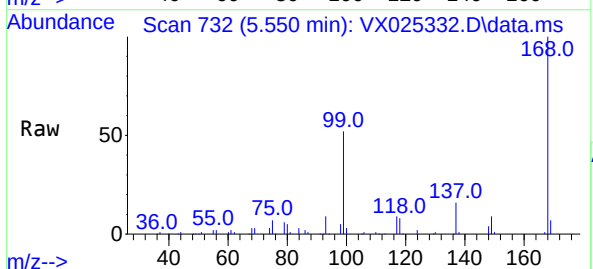


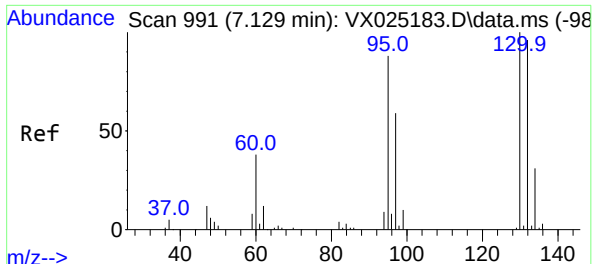
Tgt Ion: 75 Resp: 8413
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 117 Resp: 11365
Ion Ratio Lower Upper
117 100
119 4.0 75.6 113.4#
121 0.0 23.7 35.5#

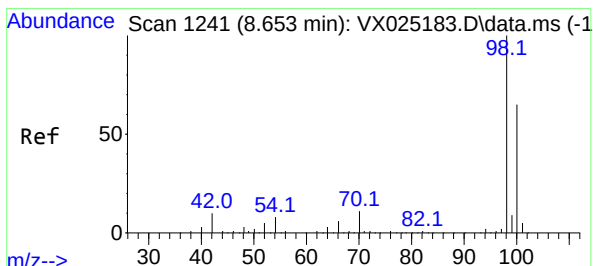
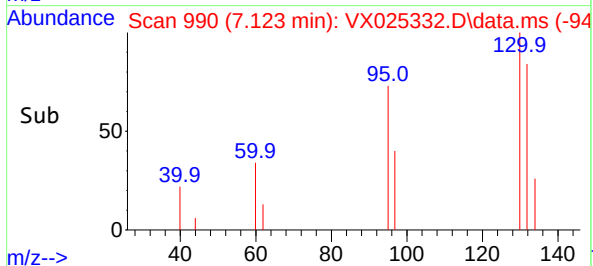
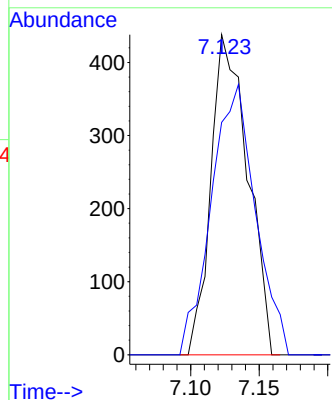
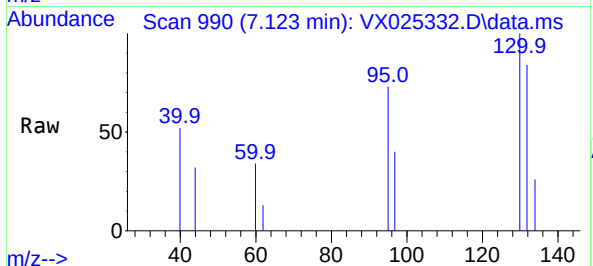




#44
Trichloroethene
Concen: 0.541 ug/l
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

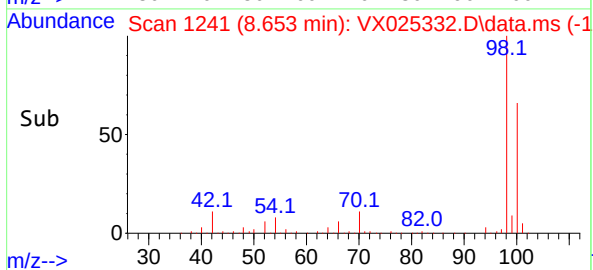
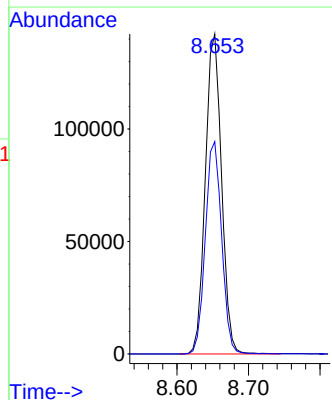
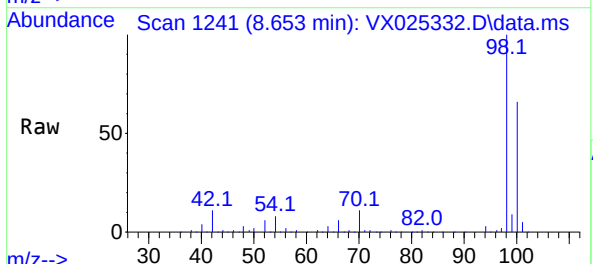
Instrument :
MSVOA_X
ClientSampleId :

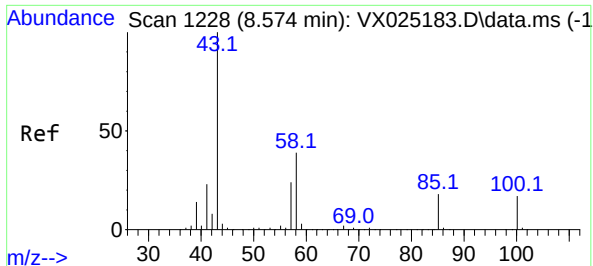
Tgt Ion:130 Resp: 818
Ion Ratio Lower Upper
130 100
95 72.6 0.0 196.8



#50
Toluene-d8
Concen: 49.312 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 98 Resp: 224205
Ion Ratio Lower Upper
98 100
100 66.8 51.4 77.0

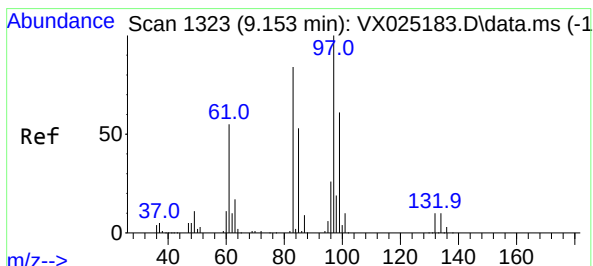
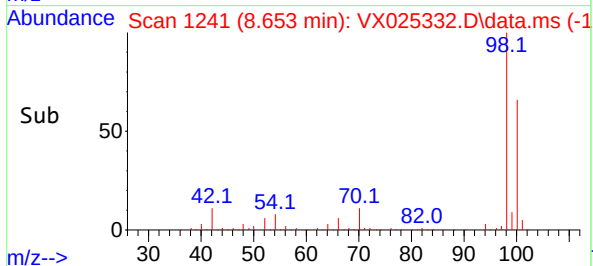
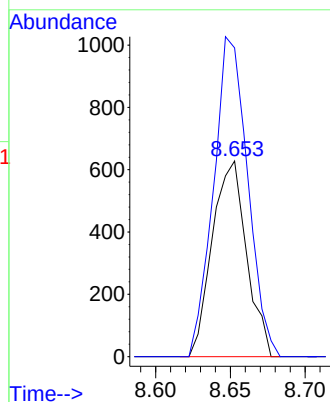
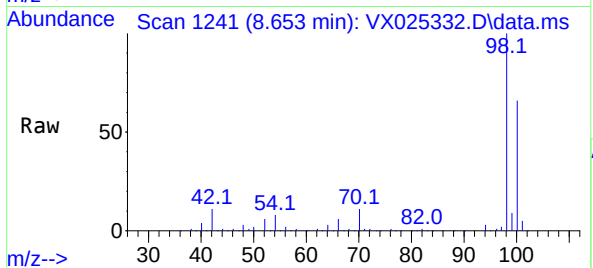




#51
4-Methyl-2-Pentanone
Concen: 0.490 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

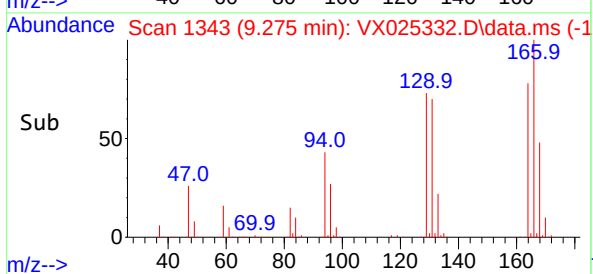
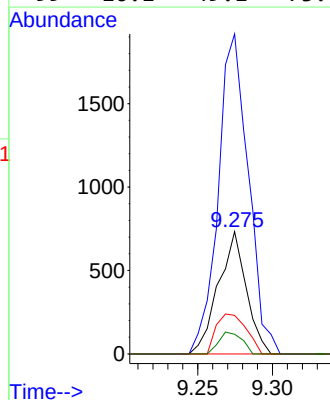
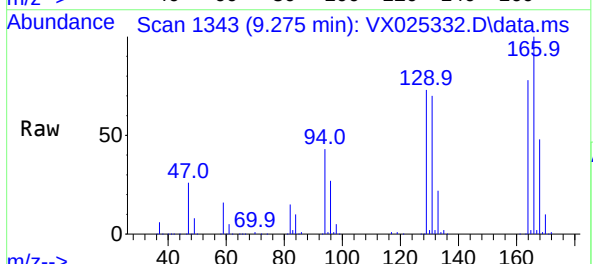
Instrument :
MSVOA_X
ClientSampleId :

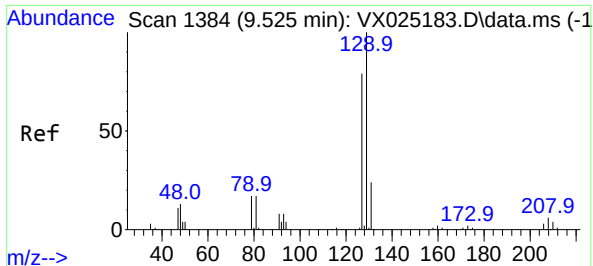
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 162.9 30.9 46.3#



#55
1,1,2-Trichloroethane
Concen: 0.705 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.122 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion: 97 Resp: 953
Ion Ratio Lower Upper
97 100
83 261.7 69.2 103.8#
85 31.5 43.3 64.9#
99 16.1 49.1 73.7#





#60

Dibromochloromethane

Concen: 70.832 ug/l

RT: 9.275 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX025332.D

Acq: 24 Nov 2021 17:22

Instrument :

MSVOA_X

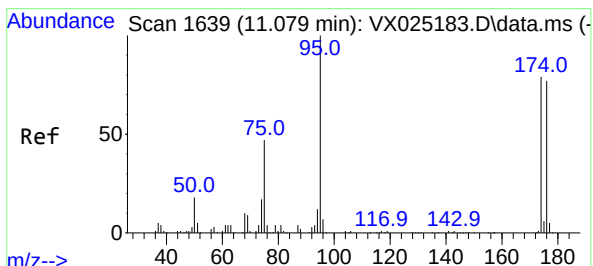
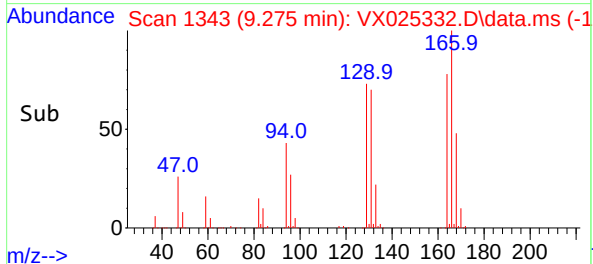
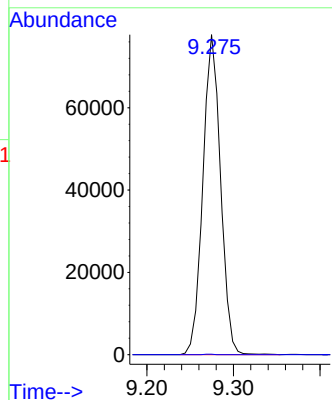
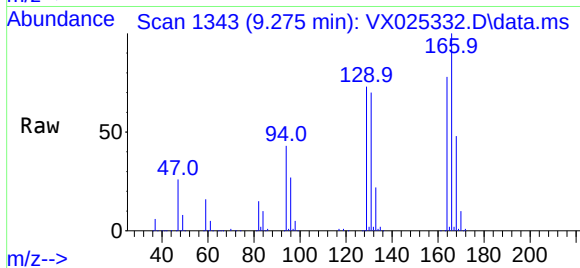
ClientSampleId :

Tgt Ion:129 Resp: 110191

Ion Ratio Lower Upper

129 100

127 0.1 38.5 115.5#



#62

4-Bromofluorobenzene

Concen: 45.723 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025332.D

Acq: 24 Nov 2021 17:22

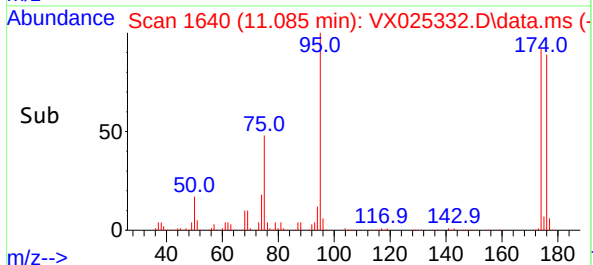
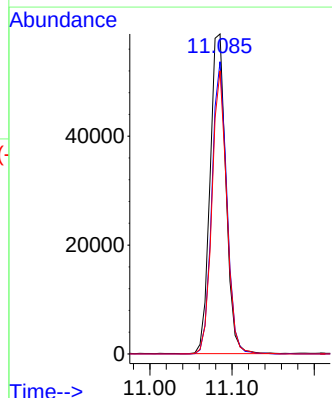
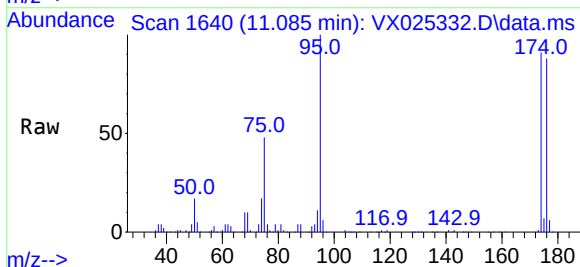
Tgt Ion: 95 Resp: 78647

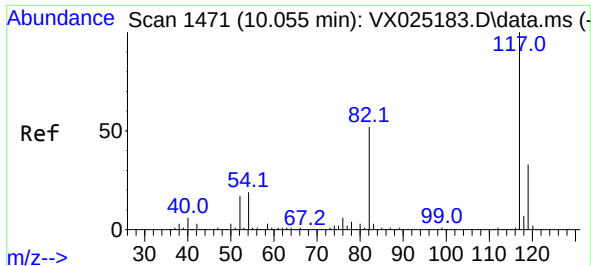
Ion Ratio Lower Upper

95 100

174 86.2 0.0 158.0

176 82.8 0.0 153.6

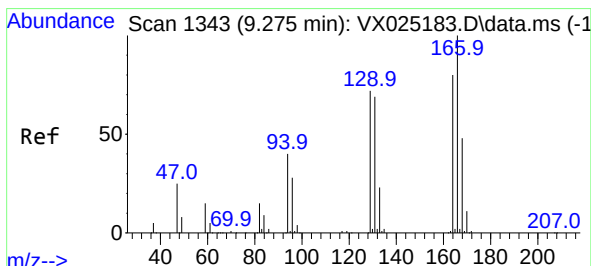
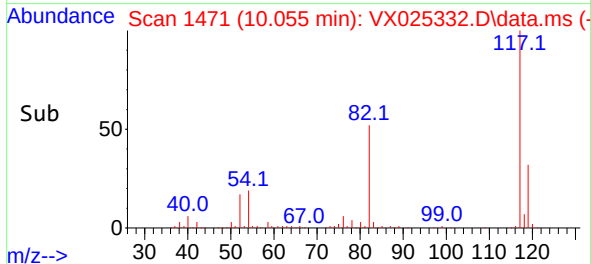
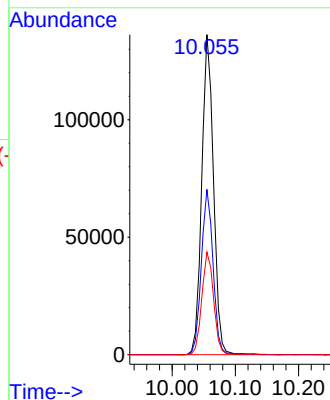
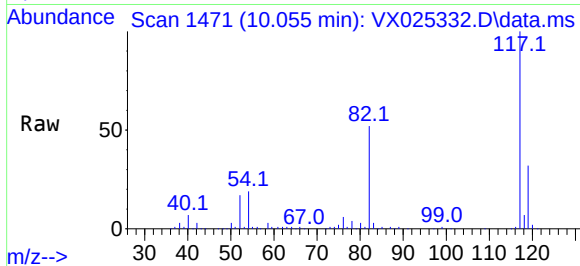




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

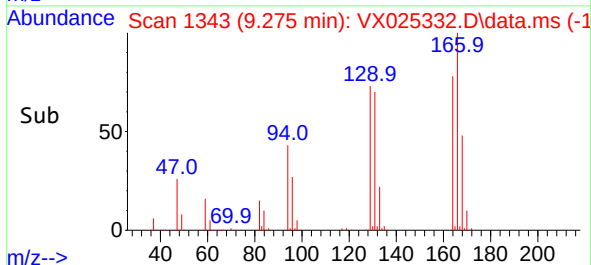
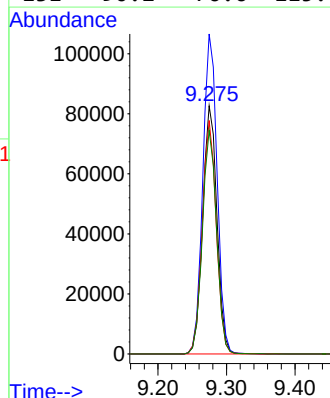
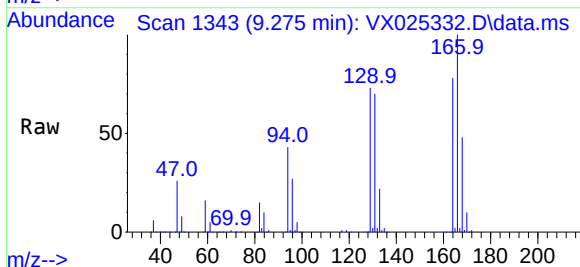
Instrument :
MSVOA_X
ClientSampleId :

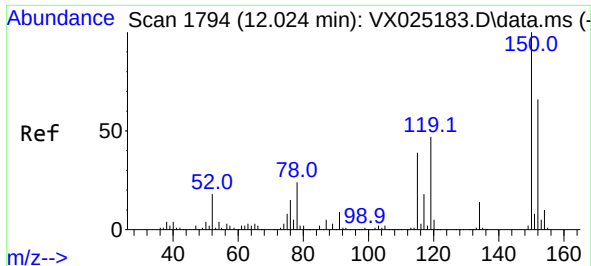
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.7	44.6	67.0
119	32.1	24.8	37.2



#64
Tetrachloroethene
Concen: 82.958 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

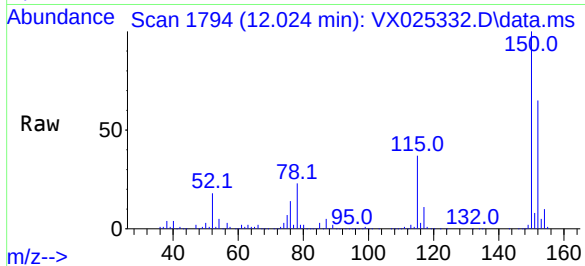
Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	103.2	154.8
129	94.1	81.0	121.4
131	90.2	76.6	115.0



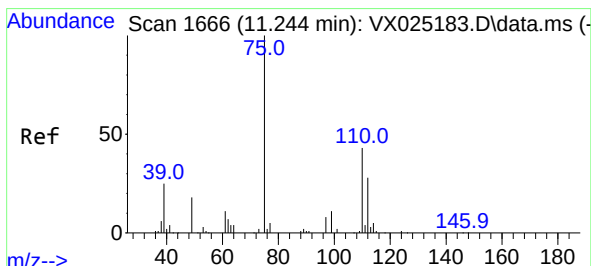
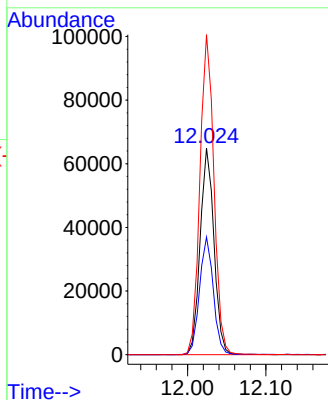
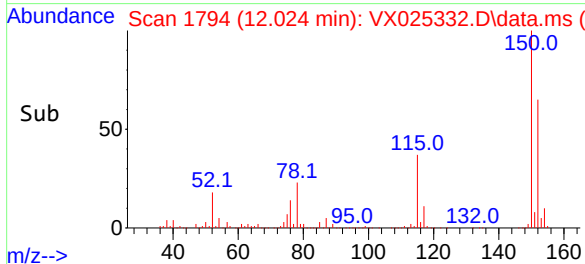


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

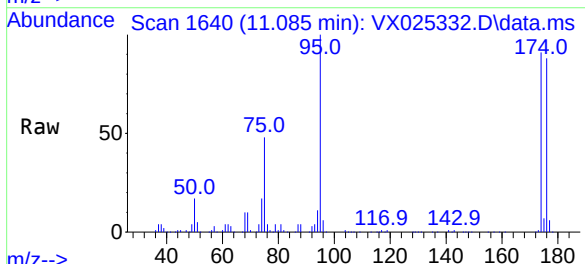
Instrument :
MSVOA_X
ClientSampleId :



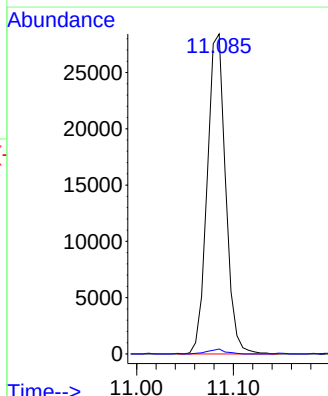
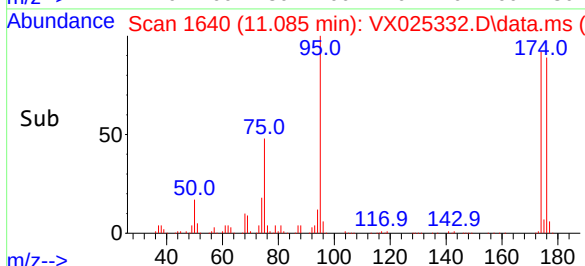
Tgt Ion:152 Resp: 79731
Ion Ratio Lower Upper
152 100
115 57.0 43.3 129.8
150 156.4 0.0 351.2

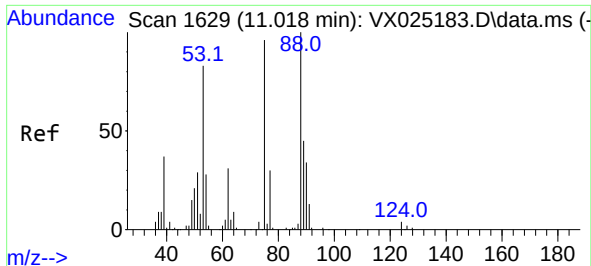


#76
1,2,3-Trichloropropane
Concen: 22.948 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22



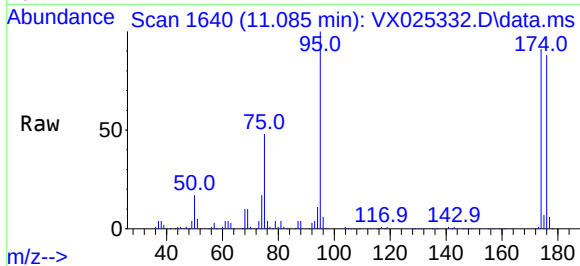
Tgt Ion: 75 Resp: 37467
Ion Ratio Lower Upper
75 100
77 1.5 20.0 59.9#



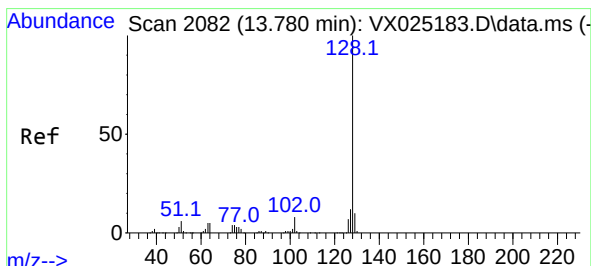
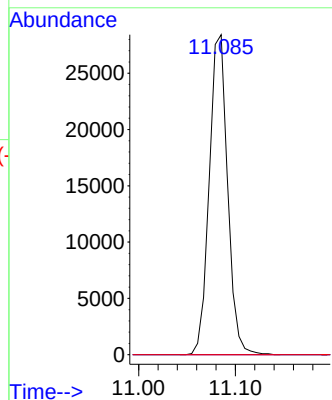
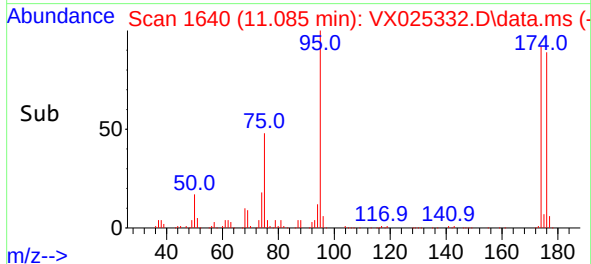


#81
trans-1,4-Dichloro-2-butene
Concen: 57.809 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 37467
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#95
Naphthalene
Concen: Below Cal
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025332.D
Acq: 24 Nov 2021 17:22

Tgt Ion:128 Resp: 206
Ion Ratio Lower Upper
128 100
127 10.7 10.3 15.5
129 0.0 8.8 13.2#

