

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025495.D
 Acq On : 03 Dec 2021 20:13
 Operator : JC/MD
 Sample : M4924-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 04 06:54:20 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)

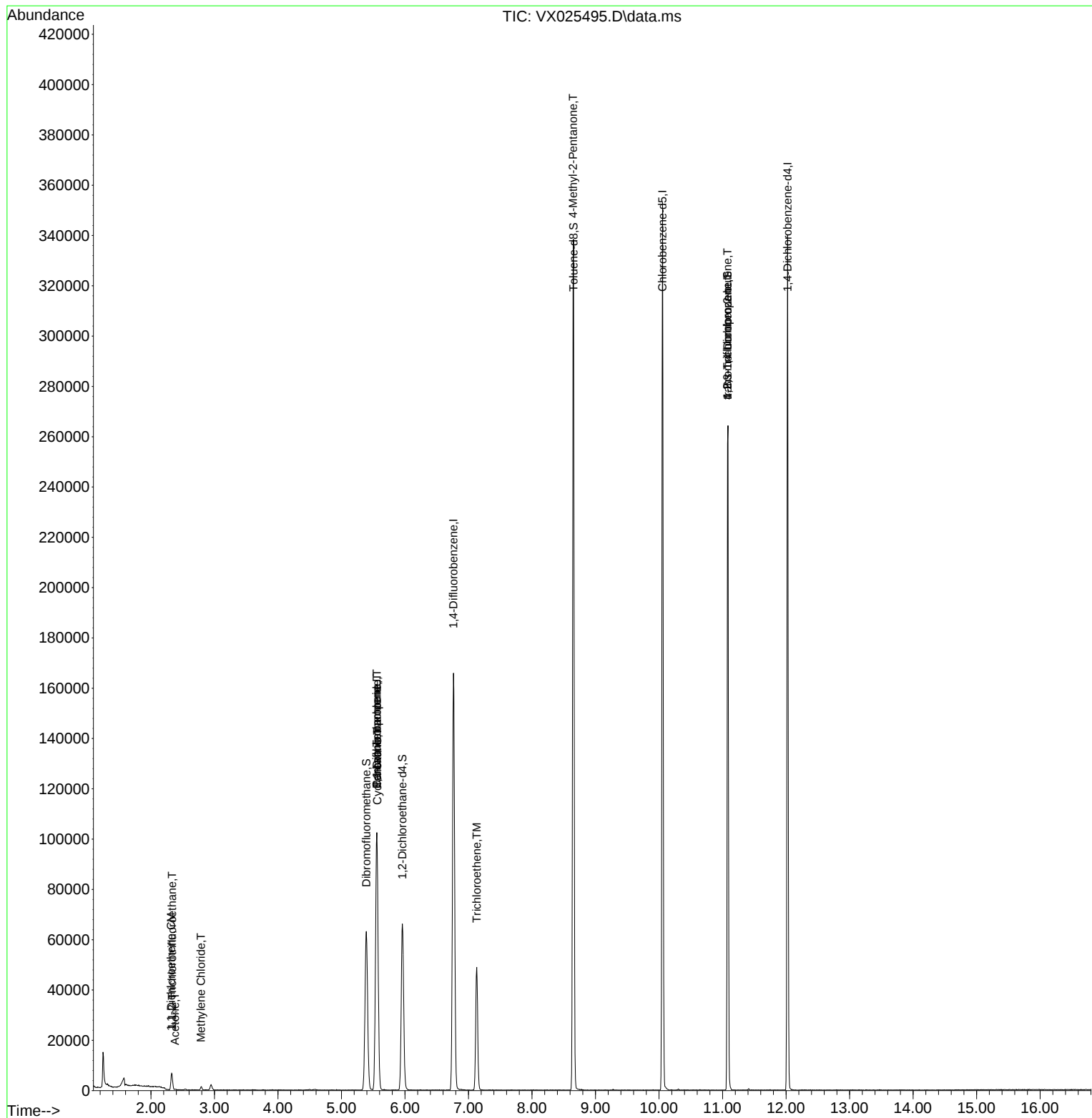
Internal Standards						
1) Pentafluorobenzene	5.556	168	104130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178051	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162011	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72203	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62273	56.736	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.480%	
35) Dibromofluoromethane	5.391	113	55050	50.391	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	8.653	98	204925	49.890	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.780%	
62) 4-Bromofluorobenzene	11.079	95	72812	46.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.720%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	1897	1.958	ug/l	99
11) Tert butyl alcohol	2.947	59	1185	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	896	0.928	ug/l	88
16) Acetone	2.380	43	383	0.628	ug/l #	45
20) Methylene Chloride	2.788	84	631	0.550	ug/l #	74
31) Cyclohexane	5.562	56	2033	1.199	ug/l #	28
36) 1,1-Dichloropropene	5.556	75	7058	4.543	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9884	5.777	ug/l #	16
44) Trichloroethene	7.129	130	20260	14.820	ug/l	92
51) 4-Methyl-2-Pentanone	8.647	43	883	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35834	24.236	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35834	61.054	ug/l #	9
95) Naphthalene	13.786	128	41	Below Cal	#	69

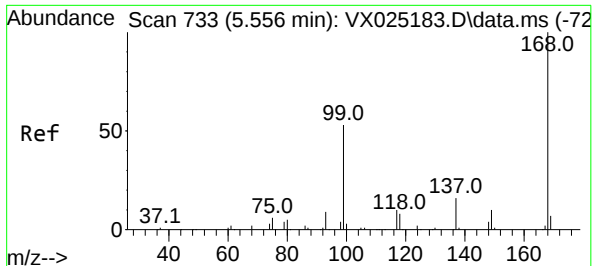
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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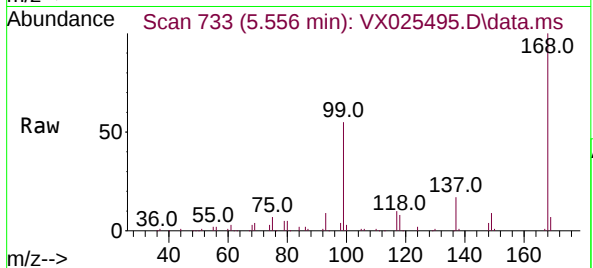
Quant Time: Dec 04 06:54:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
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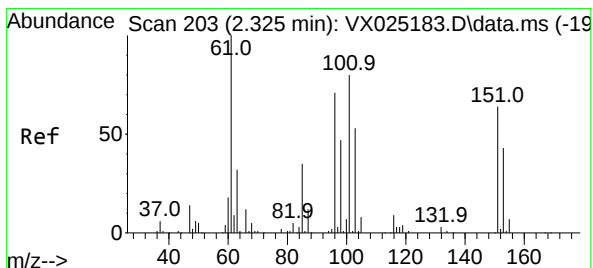
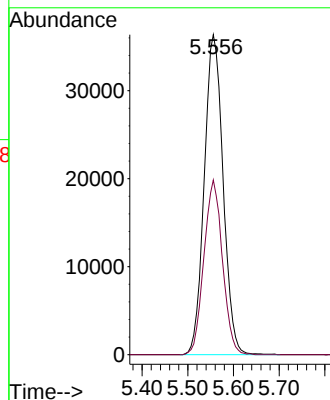
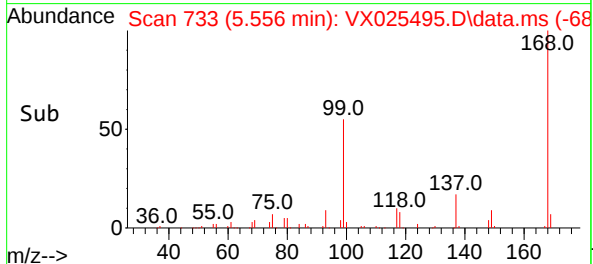


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Instrument :
MSVOA_X
ClientSampleId :

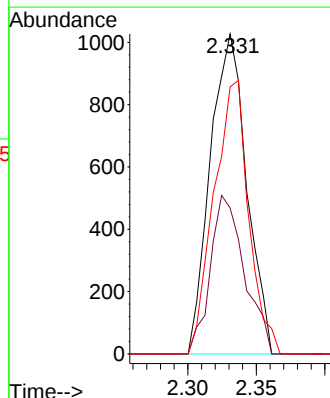
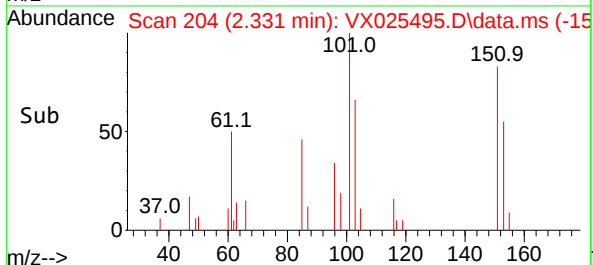
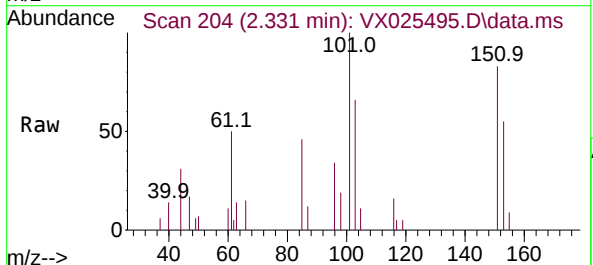


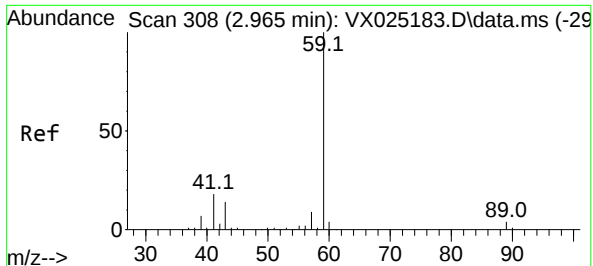
Tgt Ion:168 Resp: 104130
Ion Ratio Lower Upper
168 100
99 54.6 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.958 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion:101 Resp: 1897
Ion Ratio Lower Upper
101 100
85 46.4 35.9 53.9
151 81.3 64.4 96.6





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 308

Delta R.T. -0.018 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

Instrument :

MSVOA_X

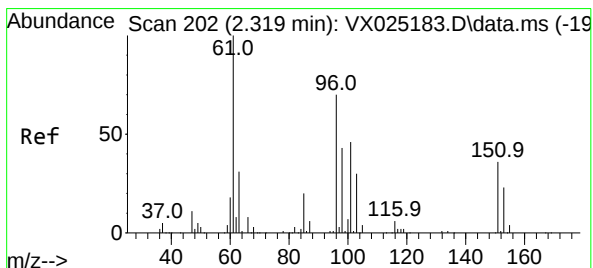
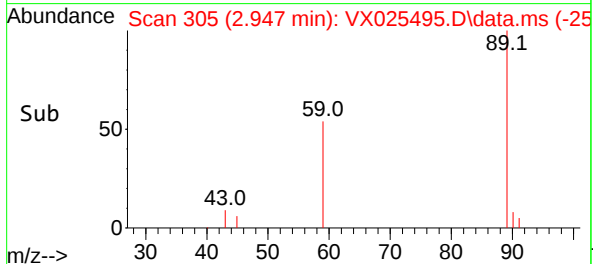
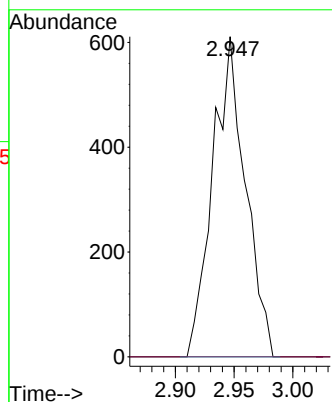
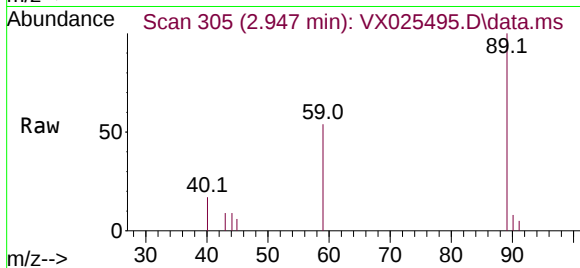
ClientSampleId :

Tgt Ion: 59 Resp: 1185

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#



#12

1,1-Dichloroethene

Concen: 0.928 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

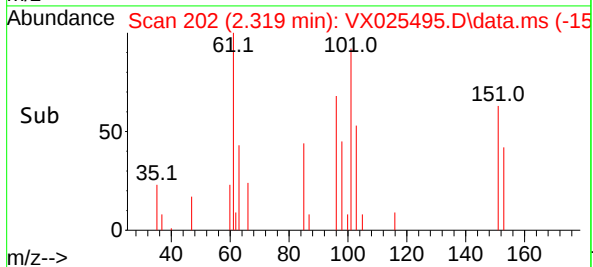
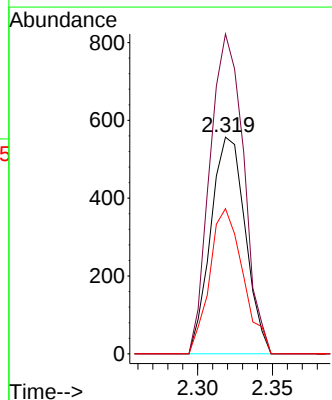
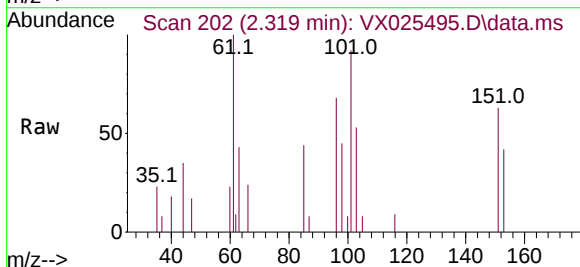
Tgt Ion: 96 Resp: 896

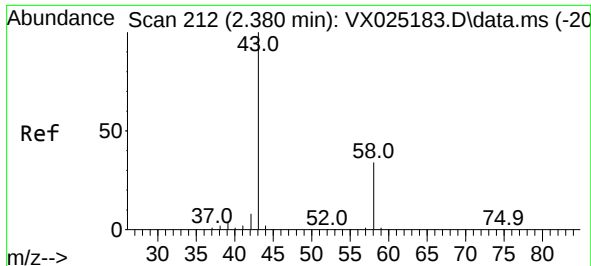
Ion Ratio Lower Upper

96 100

61 147.6 134.1 201.1

98 67.0 51.5 77.3

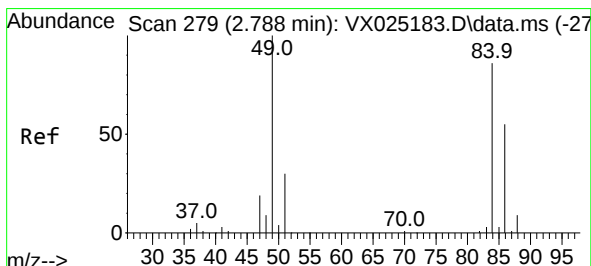
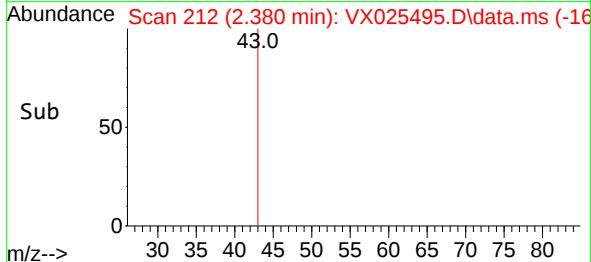
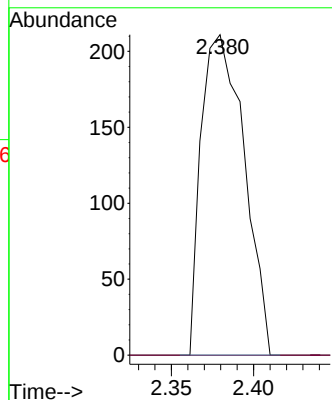
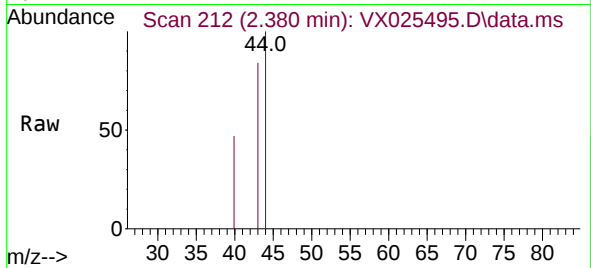




#16
Acetone
Concen: 0.628 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

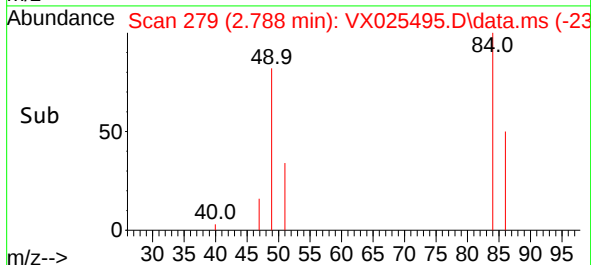
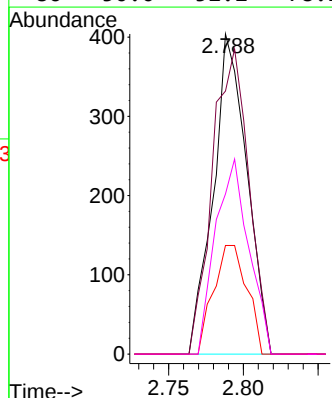
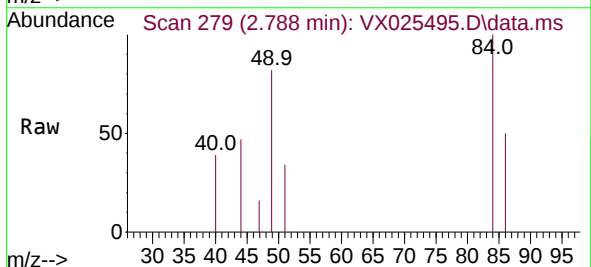
Instrument :
MSVOA_X
ClientSampleId :

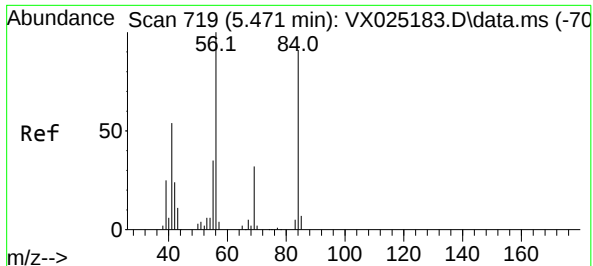
Tgt Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#



#20
Methylene Chloride
Concen: 0.550 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

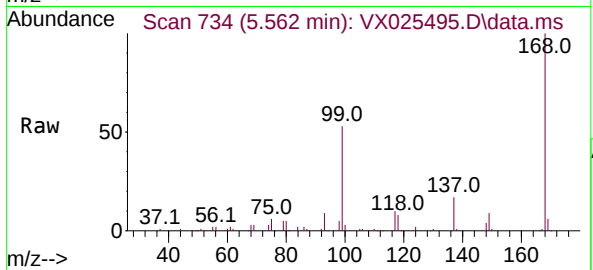
Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 82.2 98.2 147.2#
51 33.9 30.2 45.4
86 50.0 52.2 78.2#



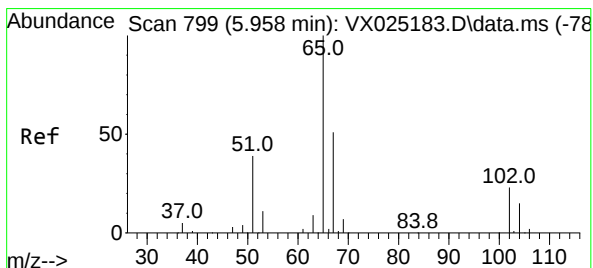
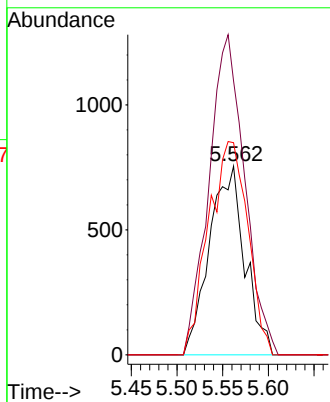
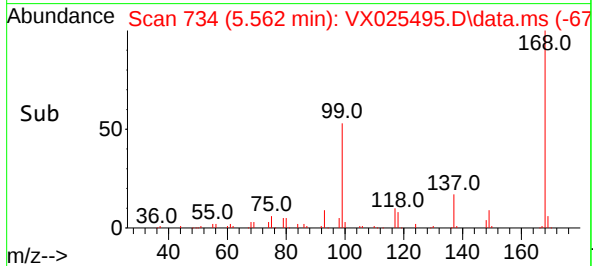


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Instrument :
MSVOA_X
ClientSampleId :

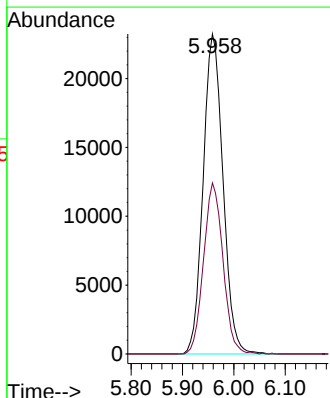
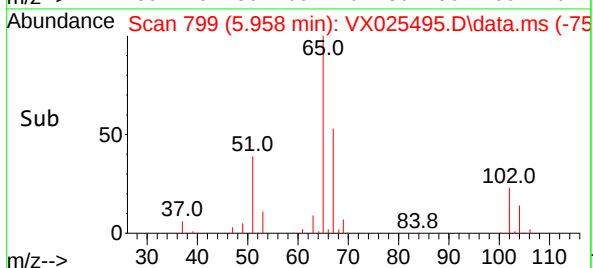
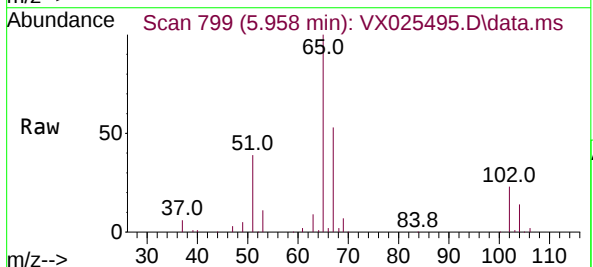


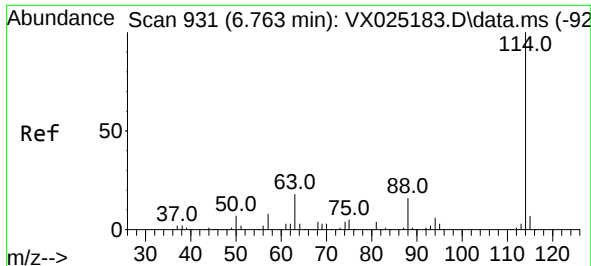
Tgt Ion: 56 Resp: 2033
Ion Ratio Lower Upper
56 100
69 145.2 24.2 36.2#
84 112.5 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 56.736 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion: 65 Resp: 62273
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.0

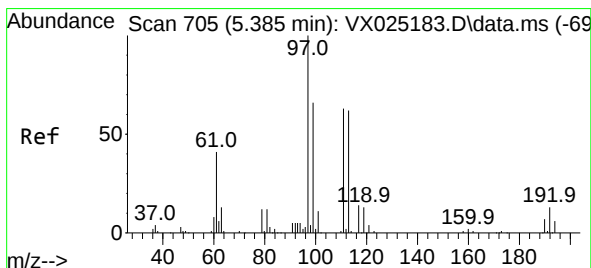
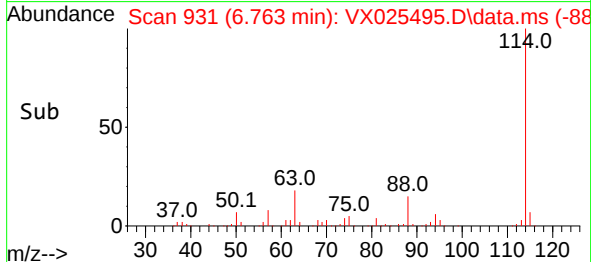
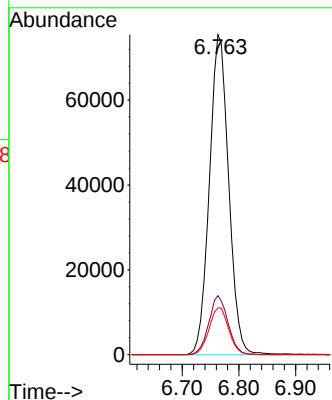
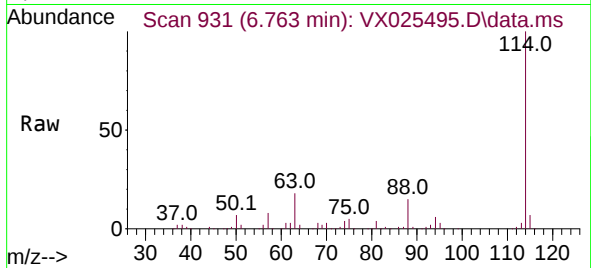




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

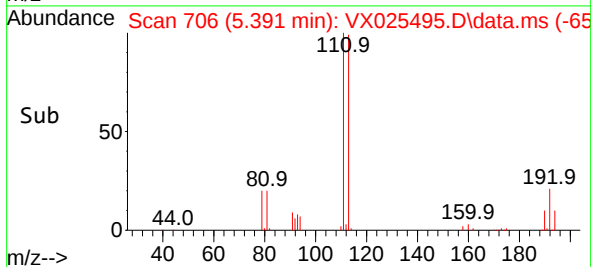
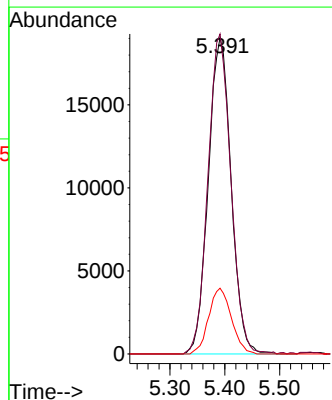
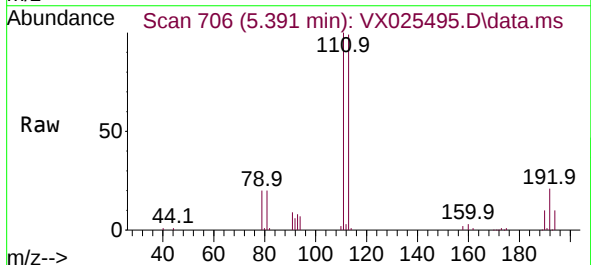
Instrument :
MSVOA_X
ClientSampleId :

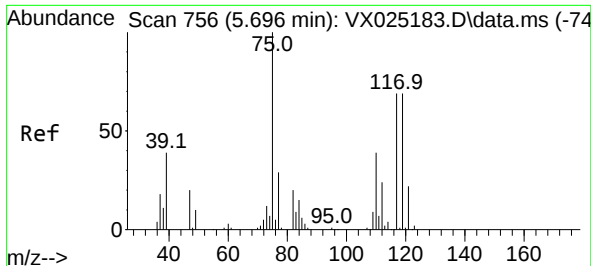
Tgt Ion:114 Resp: 178051
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.0
88 14.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.391 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion:113 Resp: 55050
Ion Ratio Lower Upper
113 100
111 101.3 82.1 123.1
192 20.7 15.6 23.4





#36

1,1-Dichloropropene

Concen: 4.543 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

Instrument :

MSVOA_X

ClientSampleId :

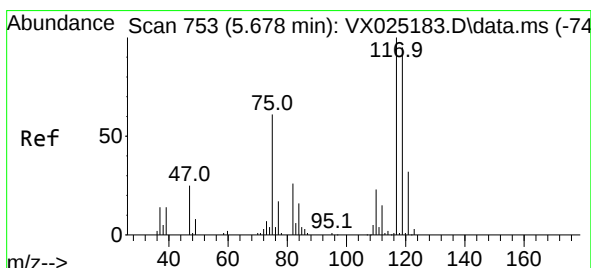
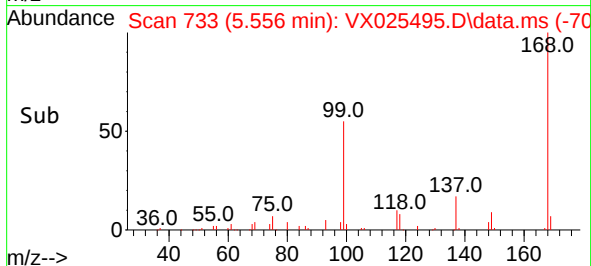
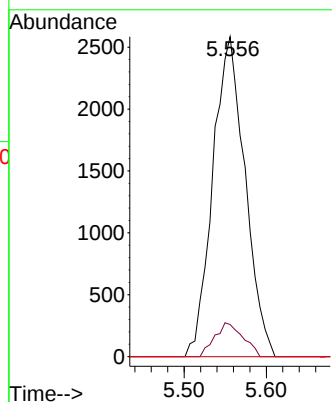
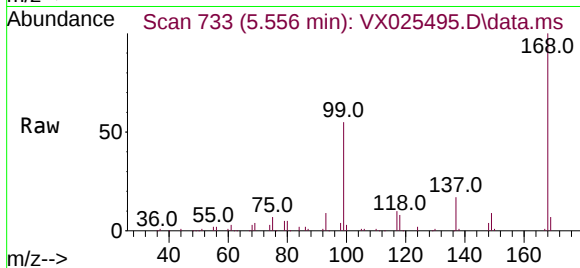
Tgt Ion: 75 Resp: 7058

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.3#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.777 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

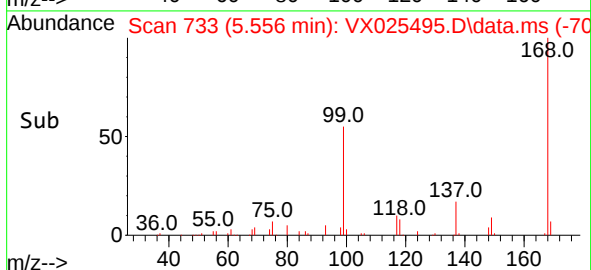
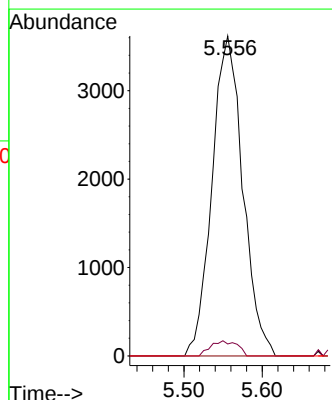
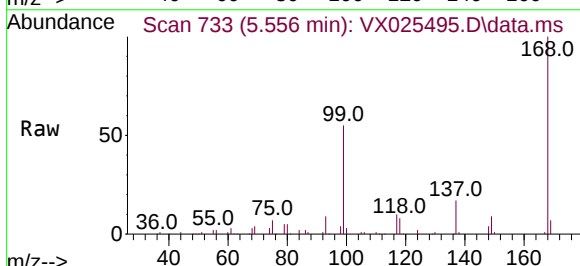
Tgt Ion: 117 Resp: 9884

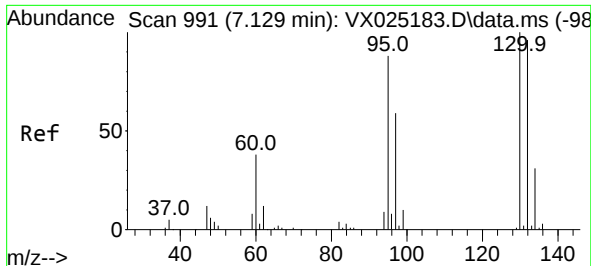
Ion Ratio Lower Upper

117 100

119 3.8 75.6 113.4#

121 0.0 23.7 35.5#

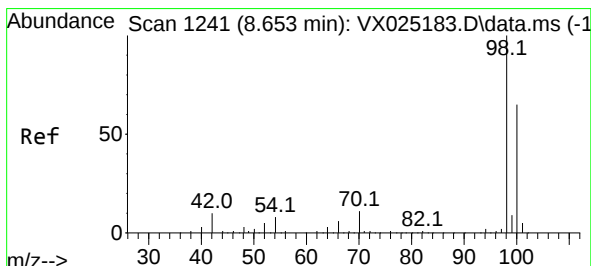
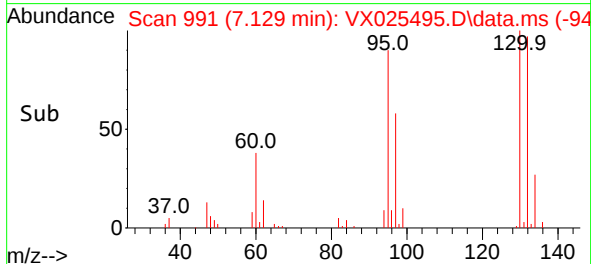
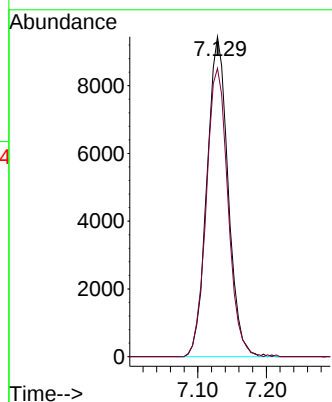
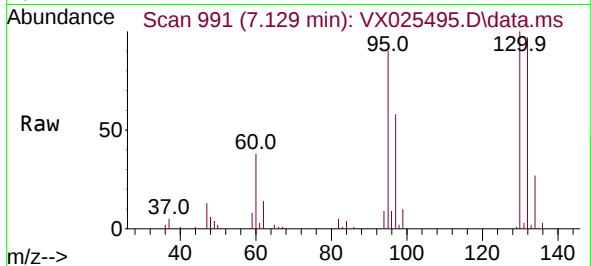




#44
Trichloroethene
Concen: 14.820 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

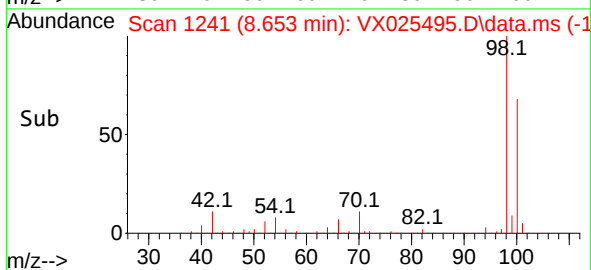
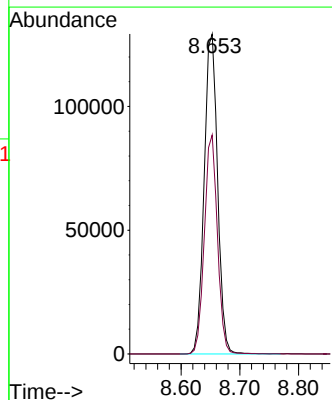
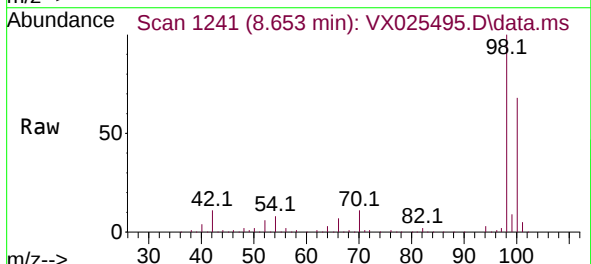
Instrument :
MSVOA_X
ClientSampleId :

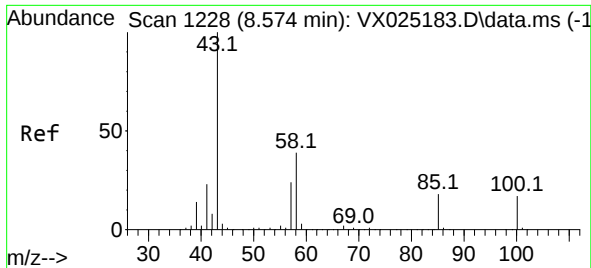
Tgt Ion:130 Resp: 20260
Ion Ratio Lower Upper
130 100
95 90.1 0.0 196.8



#50
Toluene-d8
Concen: 49.890 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion: 98 Resp: 204925
Ion Ratio Lower Upper
98 100
100 66.5 51.4 77.0

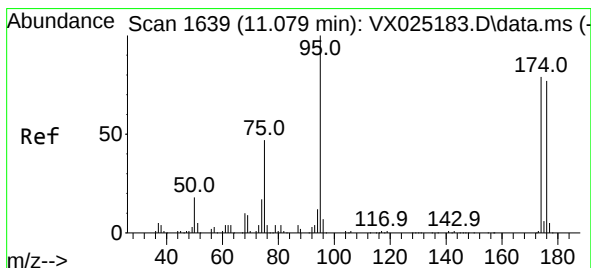
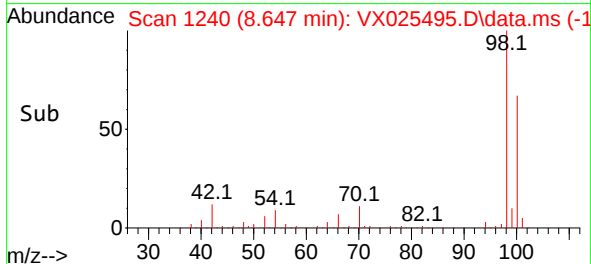
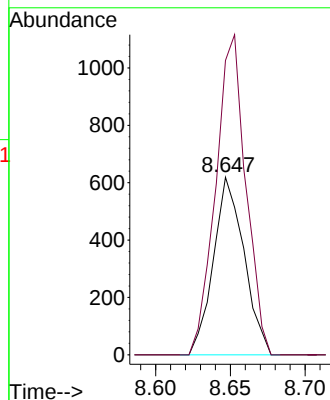
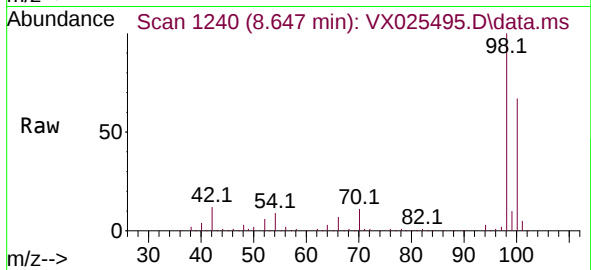




#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

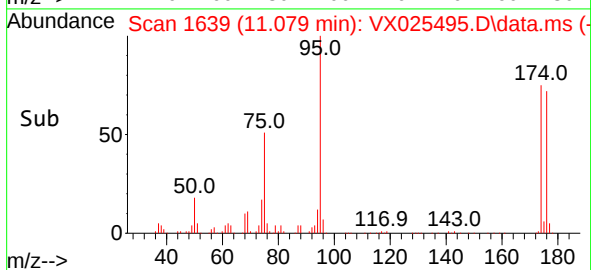
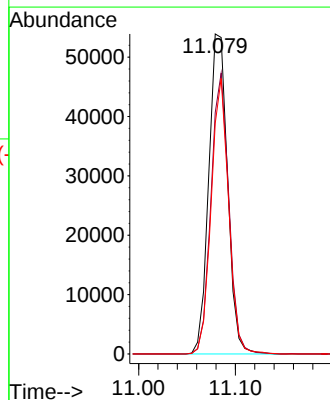
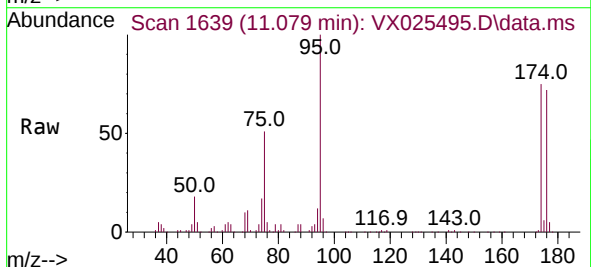
Instrument :
MSVOA_X
ClientSampleId :

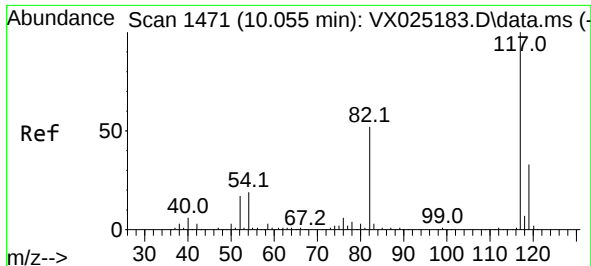
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
58 177.3 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 46.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion: 95 Resp: 72812
Ion Ratio Lower Upper
95 100
174 83.2 0.0 158.0
176 79.8 0.0 153.6

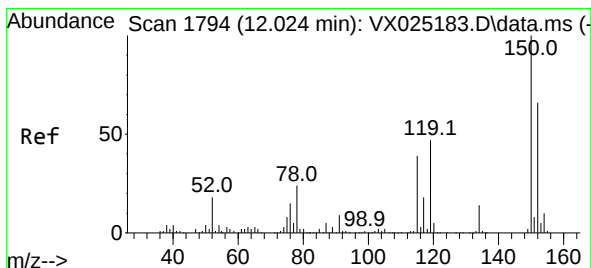
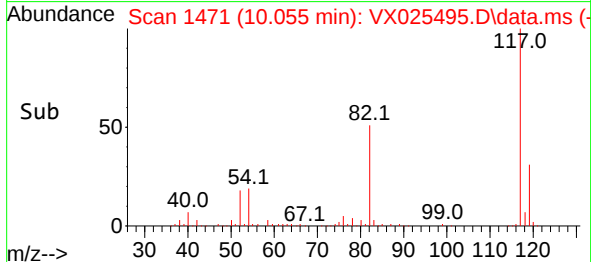
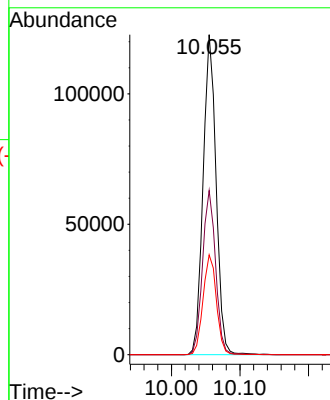
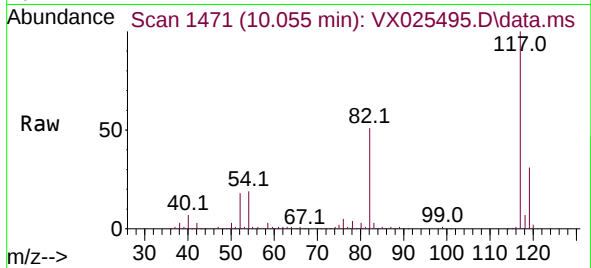




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

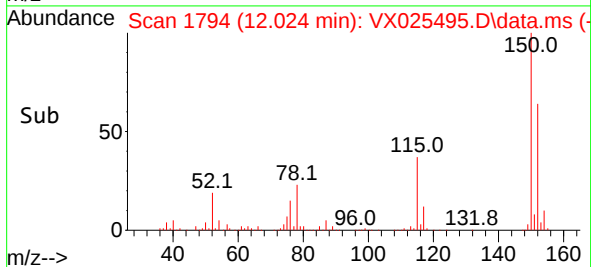
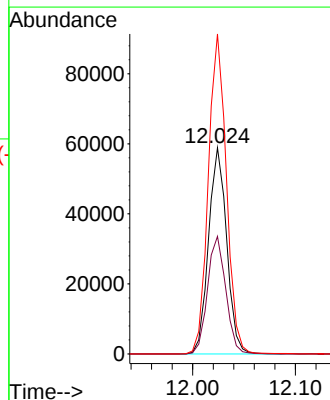
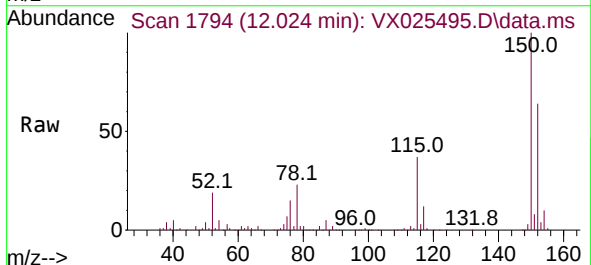
Instrument :
MSVOA_X
ClientSampleId :

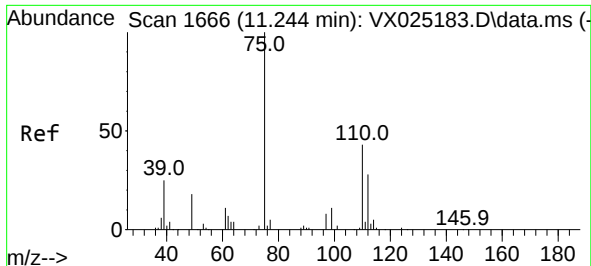
Tgt Ion:117 Resp: 162011
Ion Ratio Lower Upper
117 100
82 51.3 44.6 67.0
119 31.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion:152 Resp: 72203
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.8
150 154.7 0.0 351.2

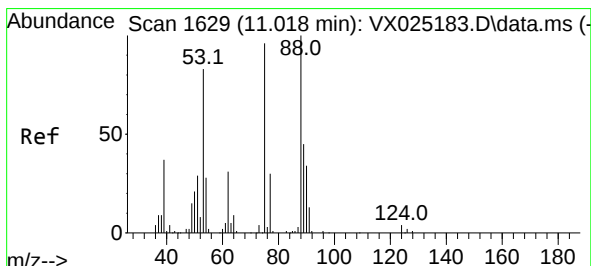
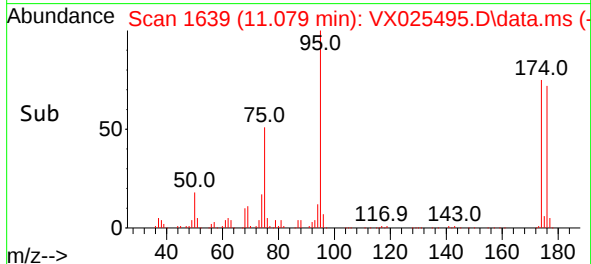
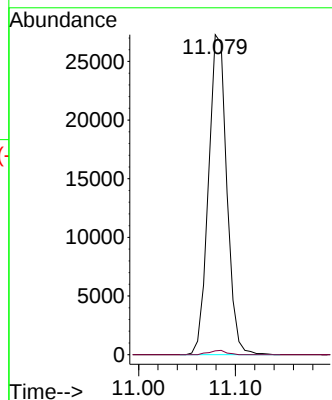
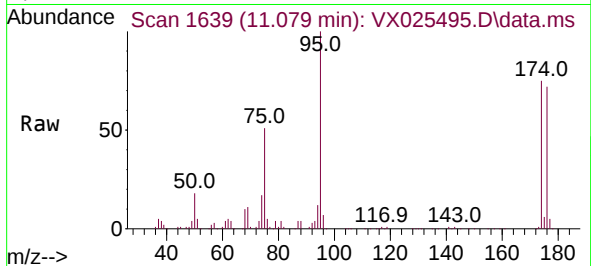




#76
1,2,3-Trichloropropane
Concen: 24.236 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

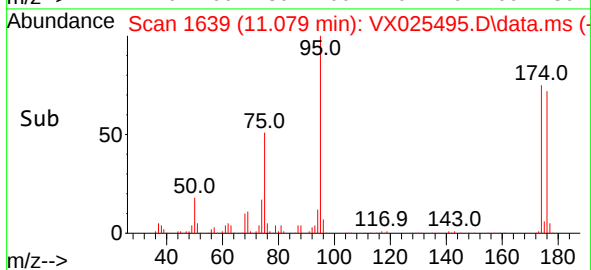
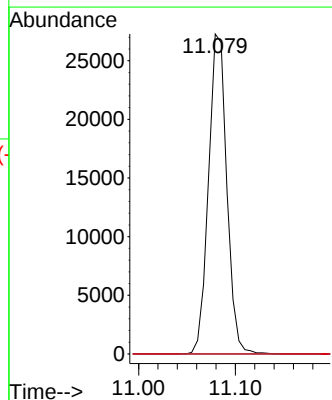
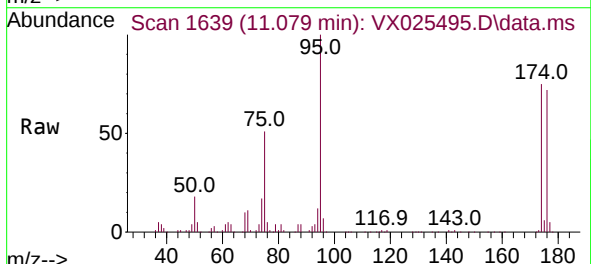
Instrument :
MSVOA_X
ClientSampleId :

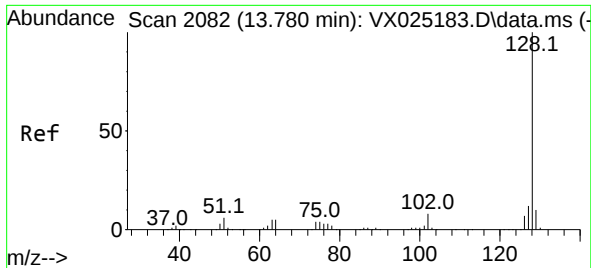
Tgt Ion: 75 Resp: 35834
Ion Ratio Lower Upper
75 100
77 1.3 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.054 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025495.D
Acq: 03 Dec 2021 20:13

Tgt Ion: 75 Resp: 35834
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: 13.786 min Scan# 20

Delta R.T. 0.006 min

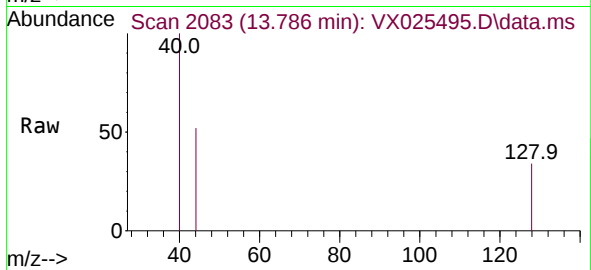
Lab File: VX025495.D

Acq: 03 Dec 2021 20:13

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 41

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

