

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025325.D
 Acq On : 24 Nov 2021 14:39
 Operator : JC/MD
 Sample : M4775-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:34:23 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)

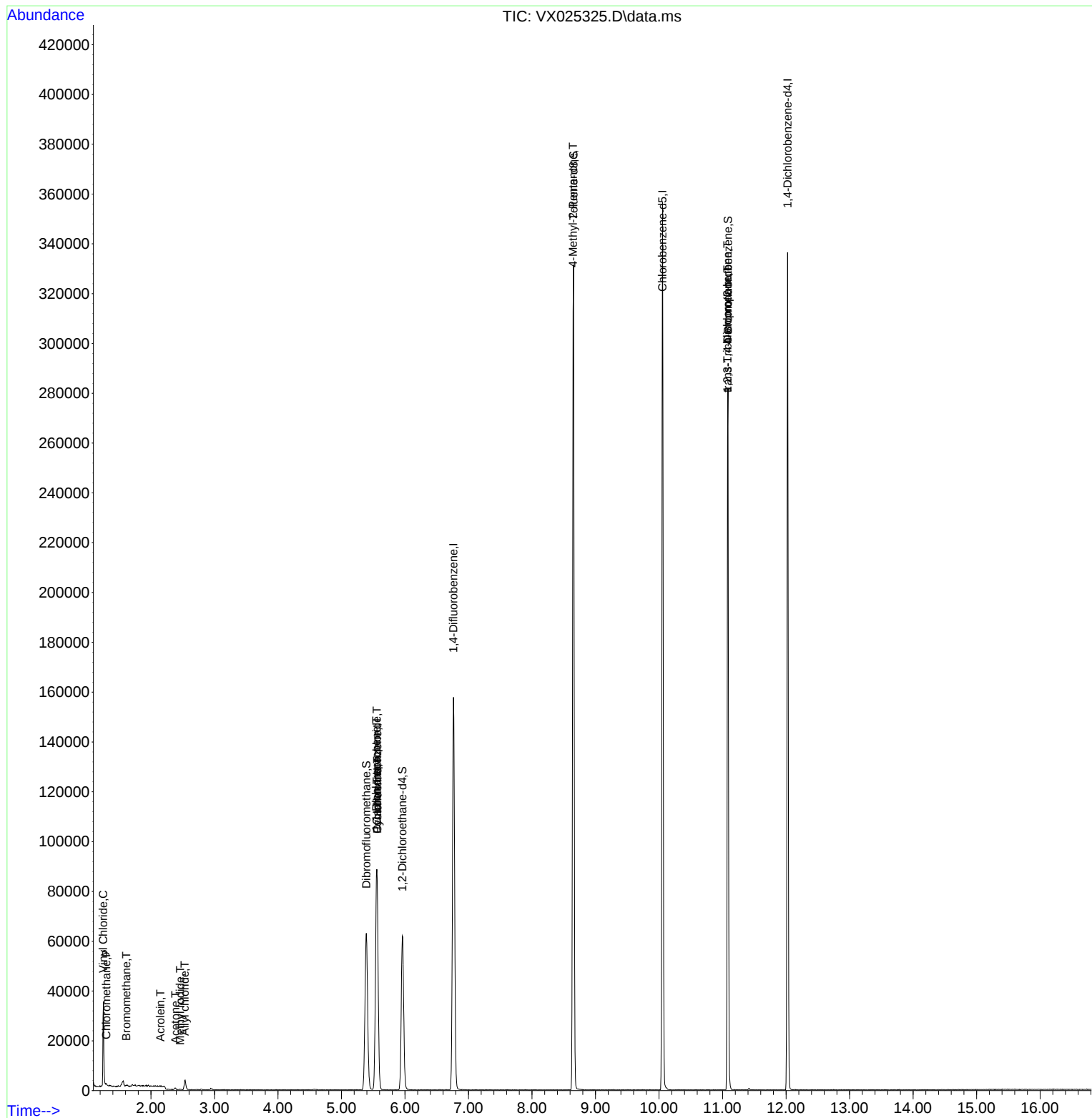
Internal Standards						
1) Pentafluorobenzene	5.562	168	93060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	169646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165343	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57104	58.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.440%	
35) Dibromofluoromethane	5.391	113	54848	52.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.380%	
50) Toluene-d8	8.653	98	202110	51.643	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	11.085	95	76266	51.512	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	328	0.328	ug/l #	74
4) Vinyl Chloride	1.246	62	304	0.277	ug/l #	1
5) Bromomethane	1.611	94	270	0.573	ug/l #	74
10) Methyl Iodide	2.459	142	280	0.259	ug/l #	46
11) Tert butyl alcohol	2.940	59	345	Below Cal	#	72
13) Acrolein	2.148	56	20	0.445	ug/l #	1
14) Allyl chloride	2.532	41	439	0.281	ug/l #	62
16) Acetone	2.386	43	784	1.438	ug/l	94
31) Cyclohexane	5.562	56	1597	1.054	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6145	4.152	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8640	5.300	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	810	0.461	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36793	24.822	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36793	62.532	ug/l #	9
95) Naphthalene	13.786	128	107	Below Cal	#	69

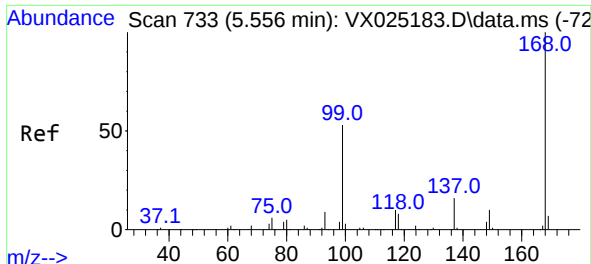
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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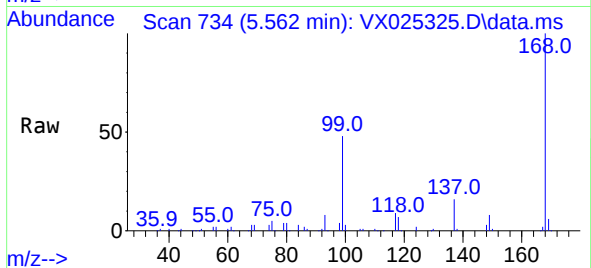
Quant Time: Nov 26 10:34:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
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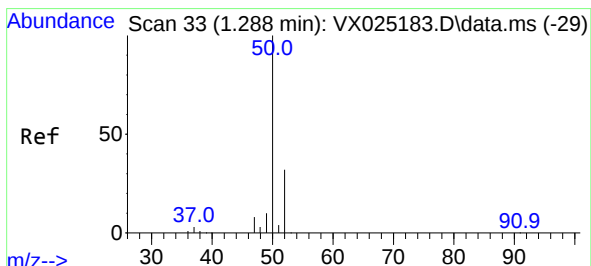
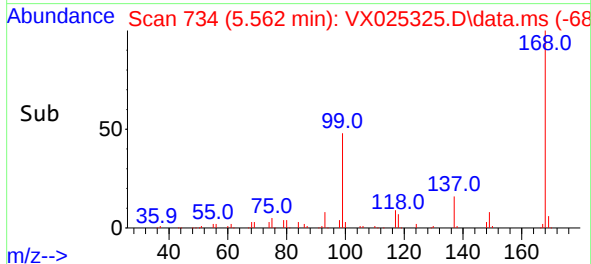
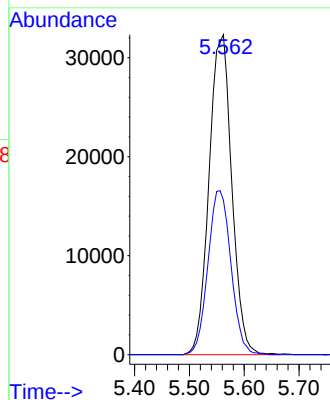


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Instrument :
MSVOA_X
ClientSampleId :

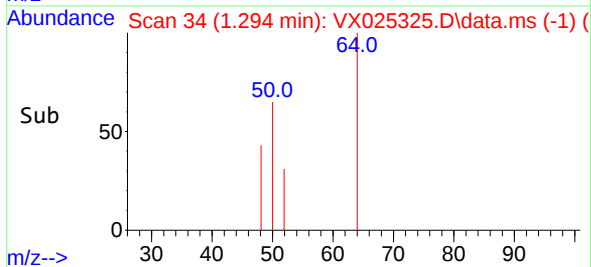
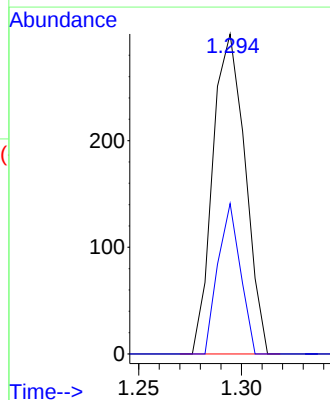
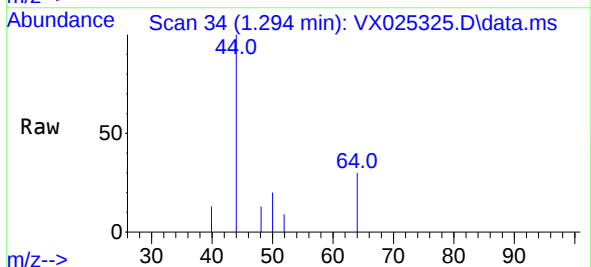


Tgt Ion:168 Resp: 93060
Ion Ratio Lower Upper
168 100
99 48.3 46.4 69.6

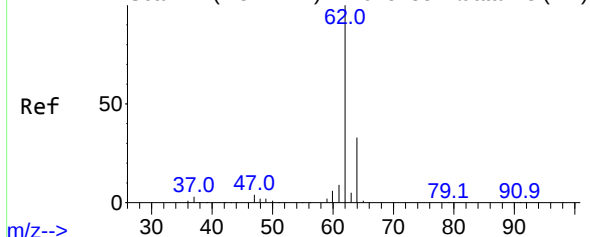


#3
Chloromethane
Concen: 0.328 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion: 50 Resp: 328
Ion Ratio Lower Upper
50 100
52 47.0 25.9 38.9#



Abundance Scan 47 (1.374 min): VX025183.D\data.ms (-42)

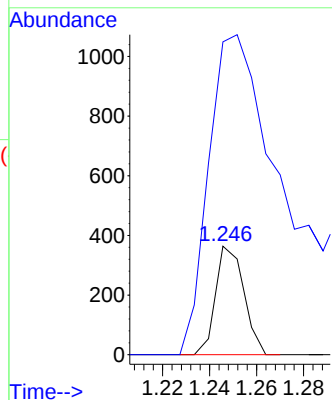
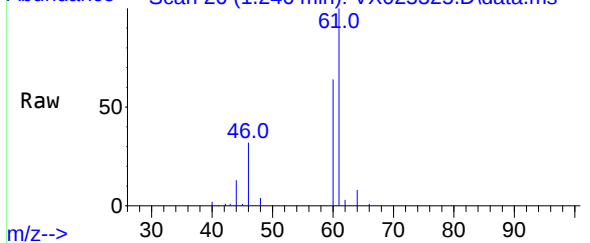


#4
Vinyl Chloride
Concen: 0.277 ug/l
RT: 1.246 min Scan# 2
Delta R.T. -0.128 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

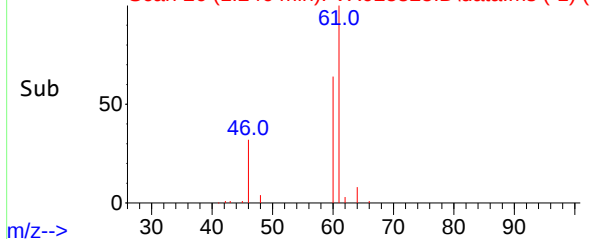
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 304
Ion Ratio Lower Upper
62 100
64 288.2 26.0 39.0#

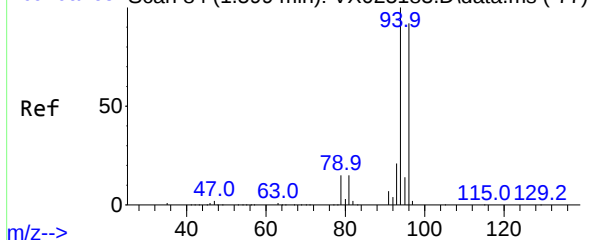
Abundance Scan 26 (1.246 min): VX025325.D\data.ms



Abundance Scan 26 (1.246 min): VX025325.D\data.ms (-1)



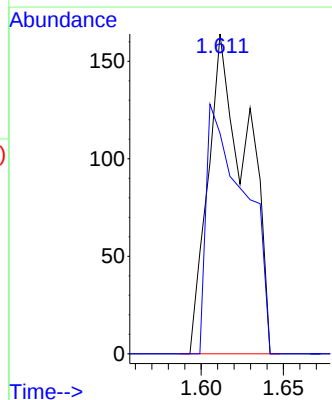
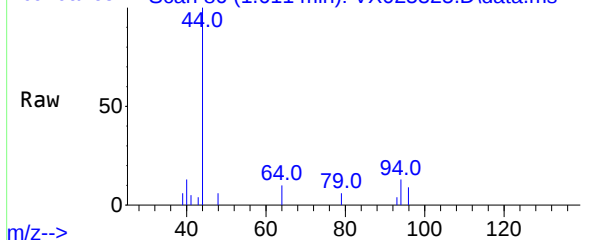
Abundance Scan 84 (1.599 min): VX025183.D\data.ms (-77)



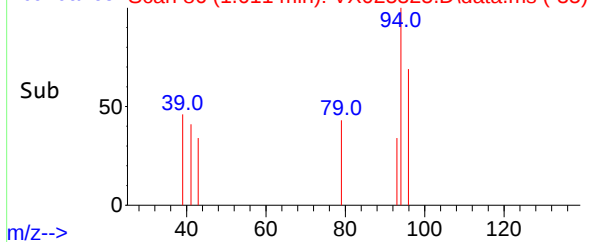
#5
Bromomethane
Concen: 0.573 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

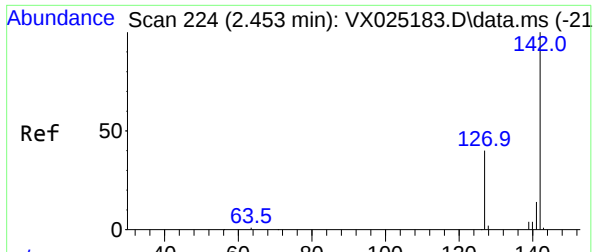
Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 68.9 74.8 112.2#

Abundance Scan 86 (1.611 min): VX025325.D\data.ms



Abundance Scan 86 (1.611 min): VX025325.D\data.ms (-35)





#10

Methyl Iodide

Concen: 0.259 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

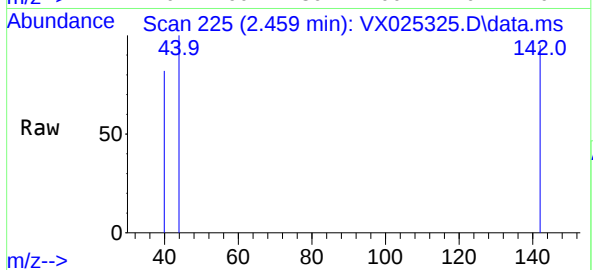
Lab File: VX025325.D

Acq: 24 Nov 2021 14:39

Instrument :

MSVOA_X

ClientSampleId :



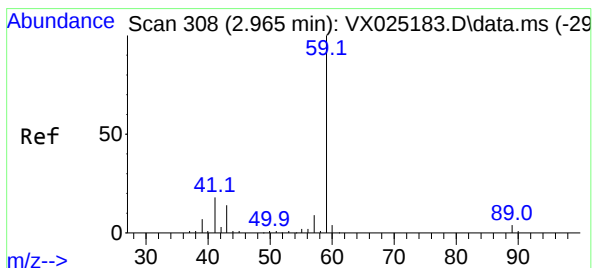
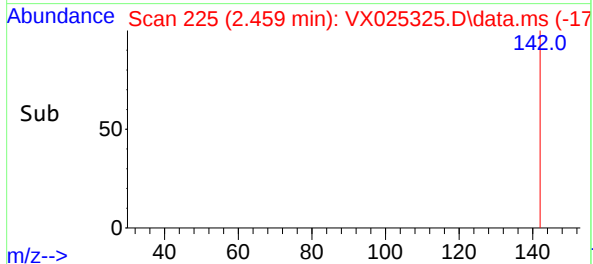
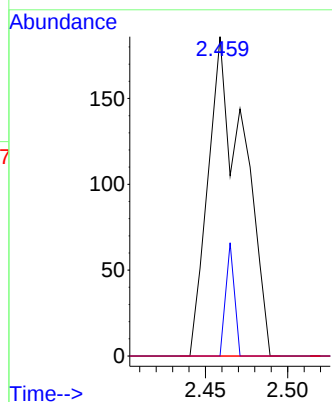
Tgt Ion:142 Resp: 280

Ion Ratio Lower Upper

142 100

127 8.6 38.9 58.3#

141 0.0 11.7 17.5#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 304

Delta R.T. -0.025 min

Lab File: VX025325.D

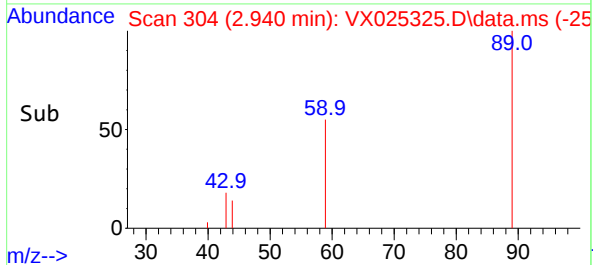
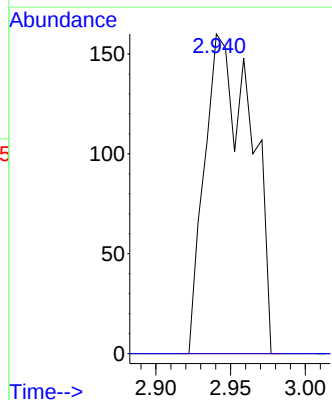
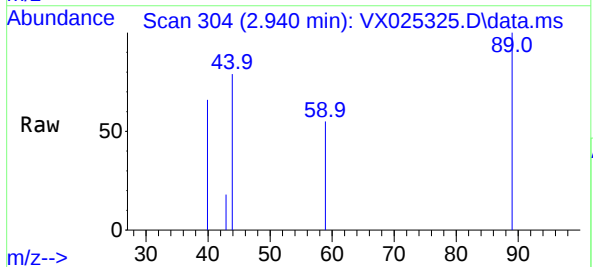
Acq: 24 Nov 2021 14:39

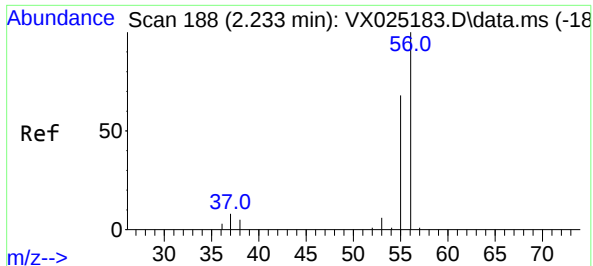
Tgt Ion: 59 Resp: 345

Ion Ratio Lower Upper

59 100

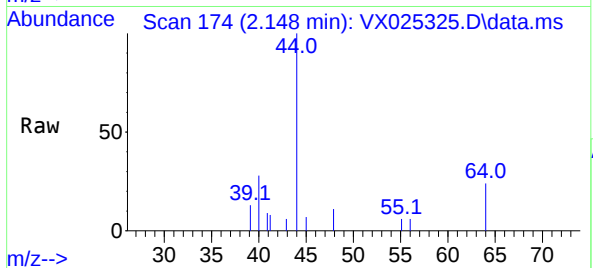
57 0.0 8.5 12.7#



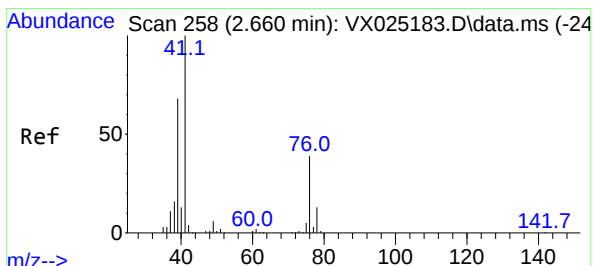
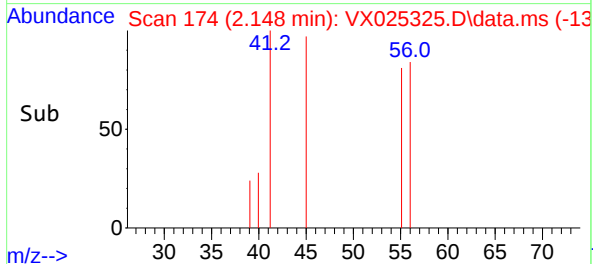
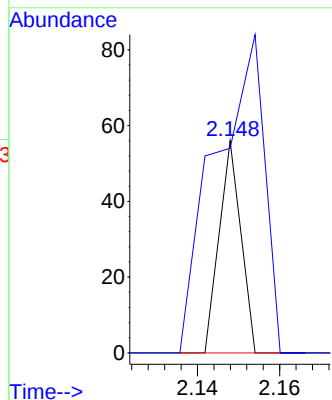


#13
Acrolein
Concen: 0.445 ug/l
RT: 2.148 min Scan# 11
Delta R.T. -0.085 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Instrument :
MSVOA_X
ClientSampleId :

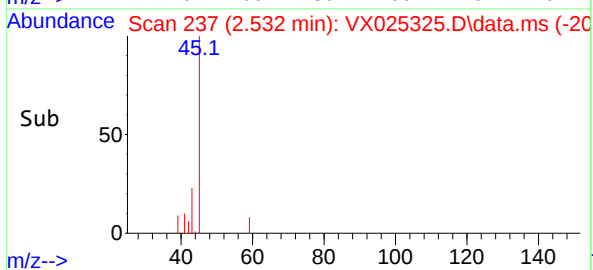
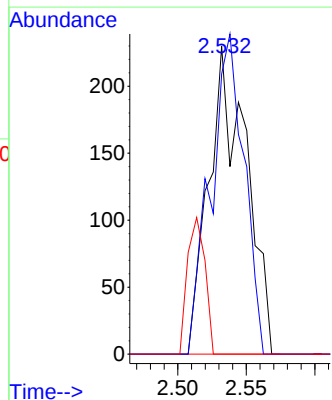
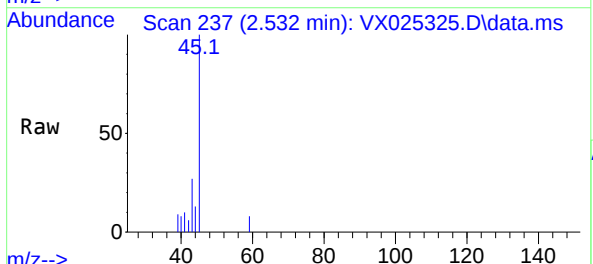


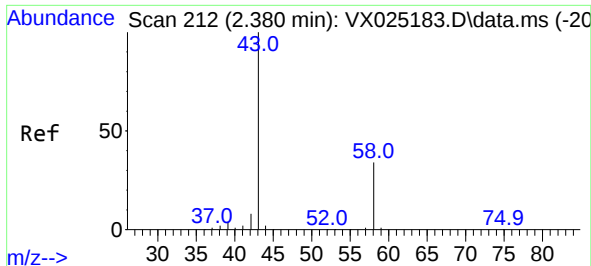
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 345.0 58.6 87.8#



#14
Allyl chloride
Concen: 0.281 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.128 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion: 41 Resp: 439
Ion Ratio Lower Upper
41 100
39 92.0 54.6 82.0#
76 0.0 25.3 37.9#

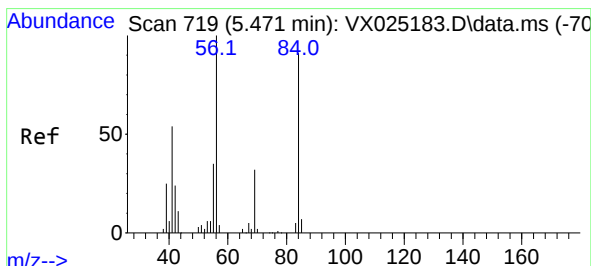
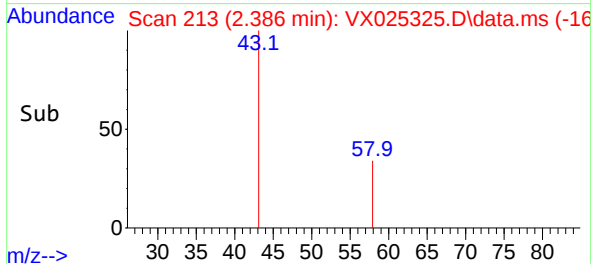
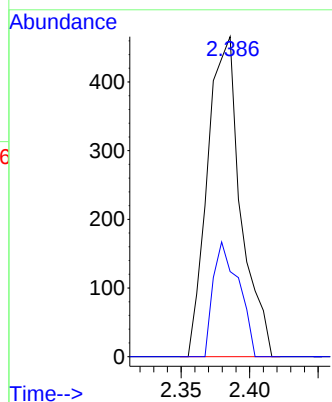
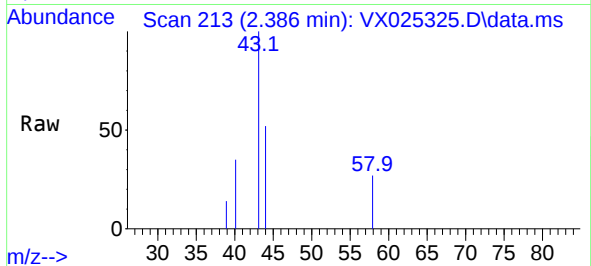




#16
Acetone
Concen: 1.438 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

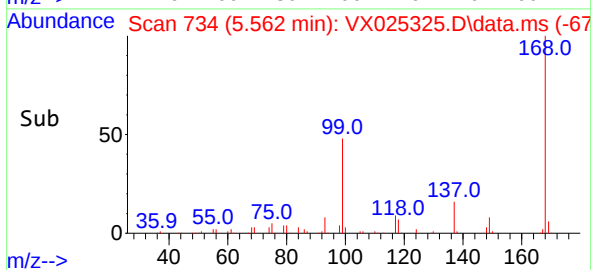
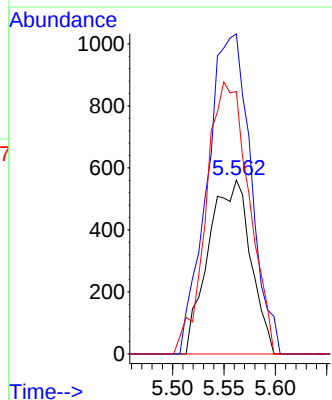
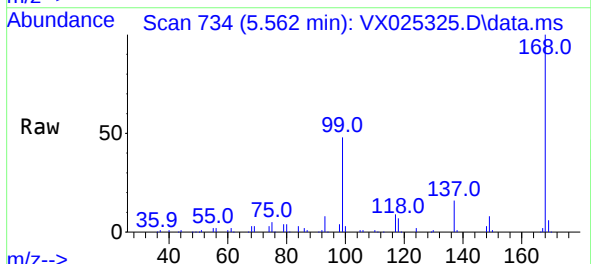
Instrument :
MSVOA_X
ClientSampleId :

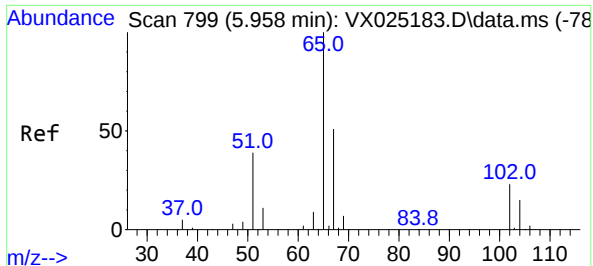
Tgt Ion: 43 Resp: 784
Ion Ratio Lower Upper
43 100
58 26.6 24.0 36.0



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion: 56 Resp: 1597
Ion Ratio Lower Upper
56 100
69 184.0 24.2 36.2#
84 150.8 71.5 107.3#

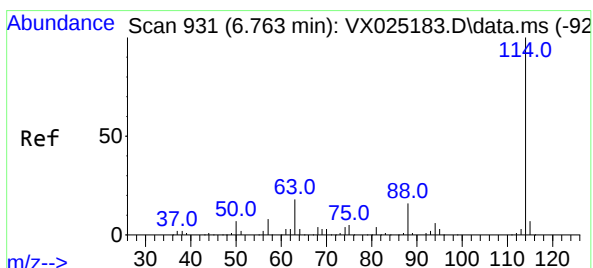
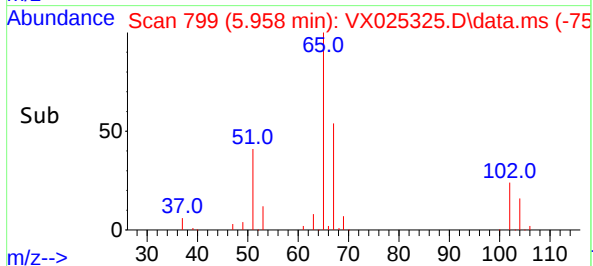
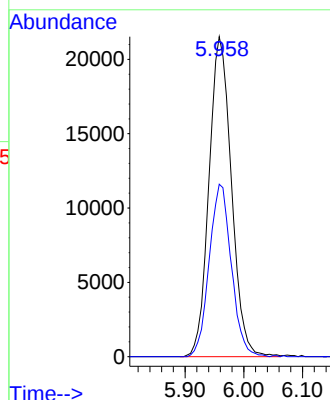
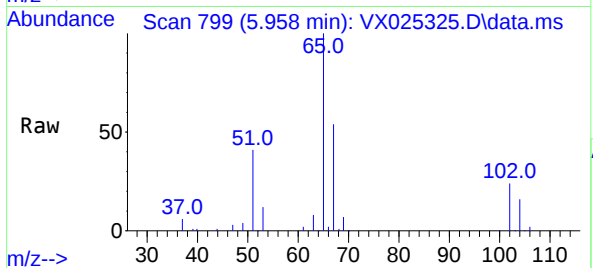




#33
 1,2-Dichloroethane-d4
 Concen: 58.215 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025325.D
 Acq: 24 Nov 2021 14:39

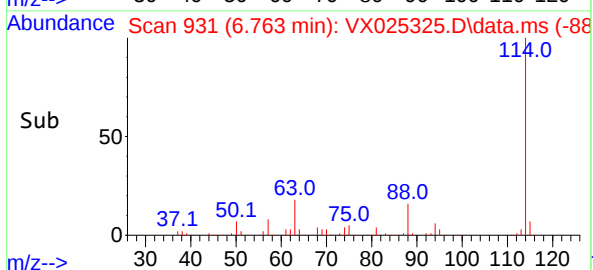
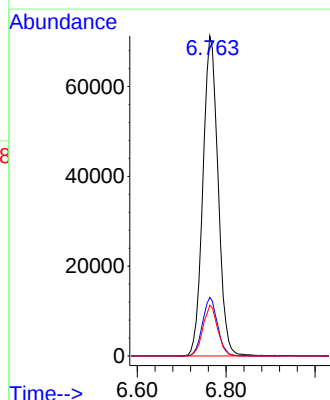
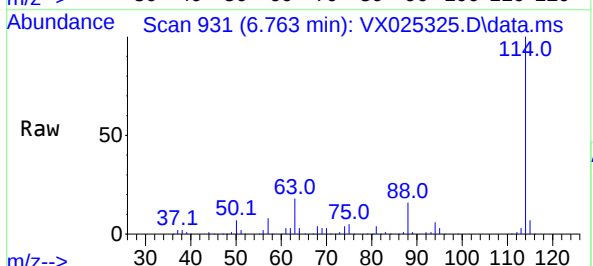
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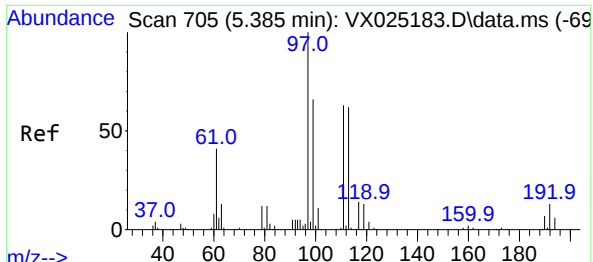
Tgt Ion: 65 Resp: 57104
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025325.D
 Acq: 24 Nov 2021 14:39

Tgt Ion: 114 Resp: 169646
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.0
 88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.693 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

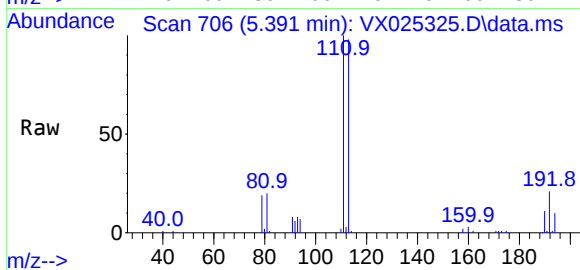
Lab File: VX025325.D

Acq: 24 Nov 2021 14:39

Instrument :

MSVOA_X

ClientSampleId :



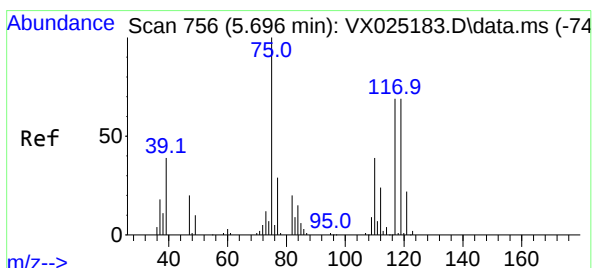
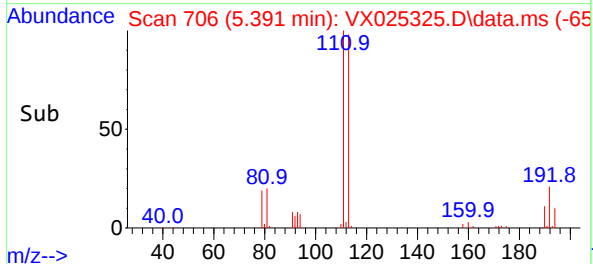
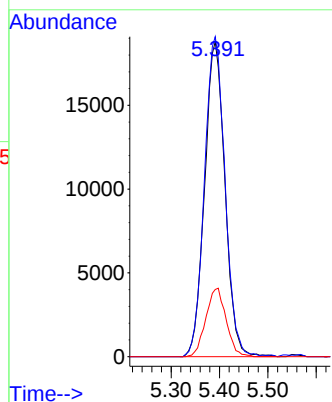
Tgt Ion:113 Resp: 54848

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 21.7 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.152 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX025325.D

Acq: 24 Nov 2021 14:39

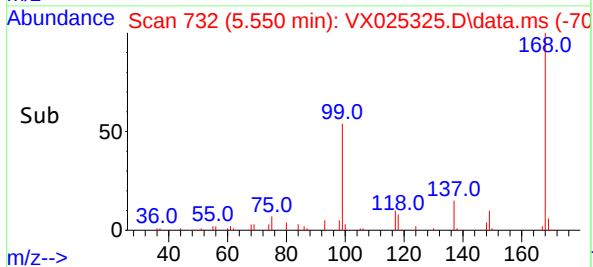
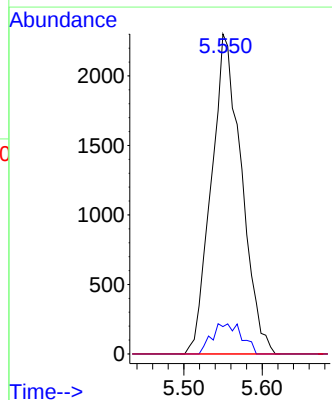
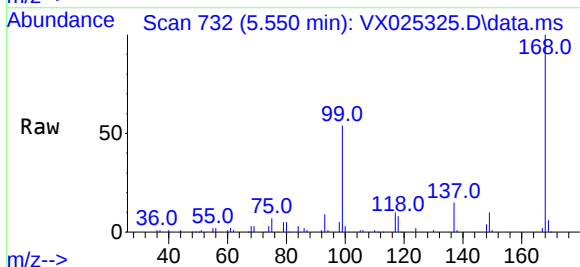
Tgt Ion: 75 Resp: 6145

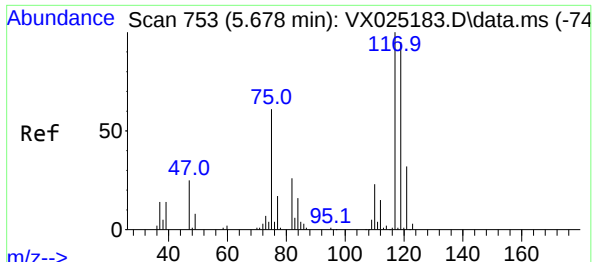
Ion Ratio Lower Upper

75 100

110 9.4 18.1 54.3#

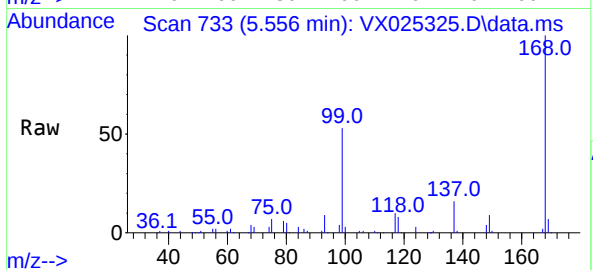
77 0.0 24.4 36.6#



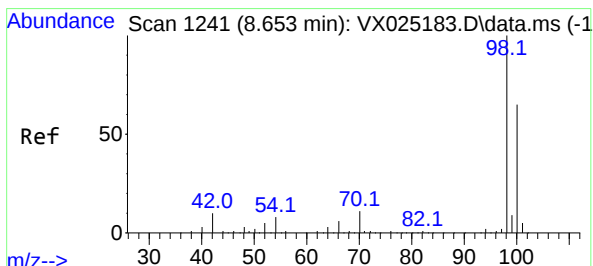
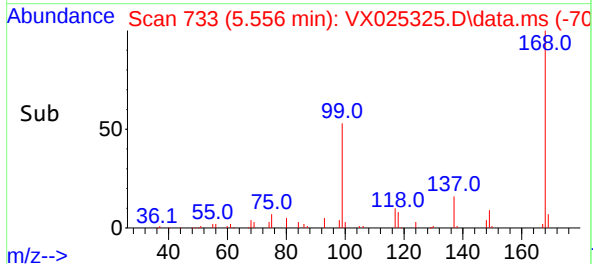
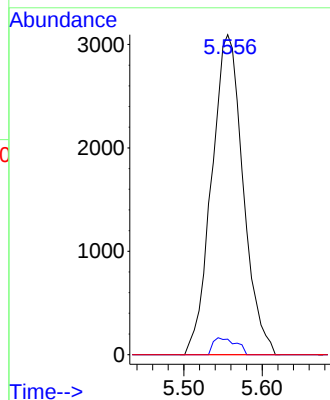


#38
Carbon Tetrachloride
Concen: 5.300 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Instrument :
MSVOA_X
ClientSampleId :

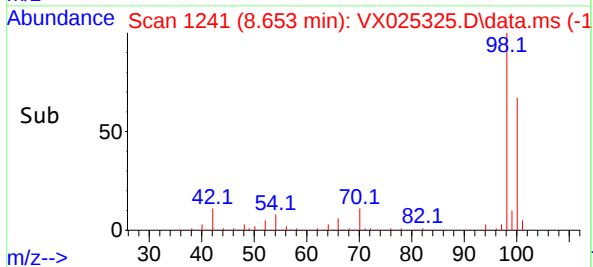
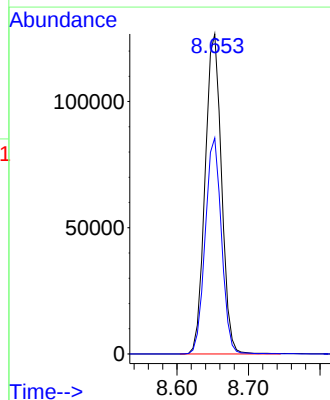
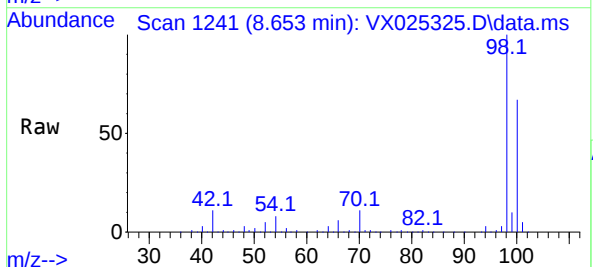


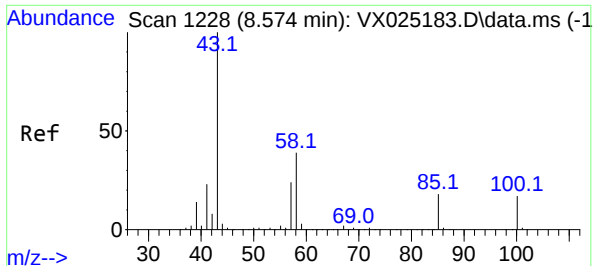
Tgt Ion:117 Resp: 8640
Ion Ratio Lower Upper
117 100
119 4.8 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.643 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion: 98 Resp: 202110
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0

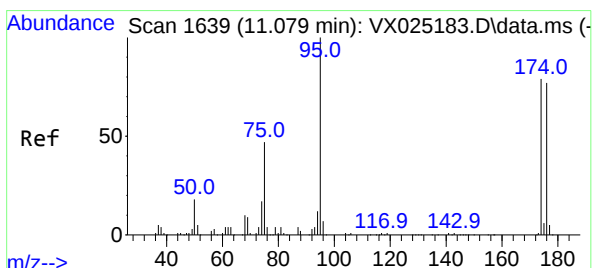
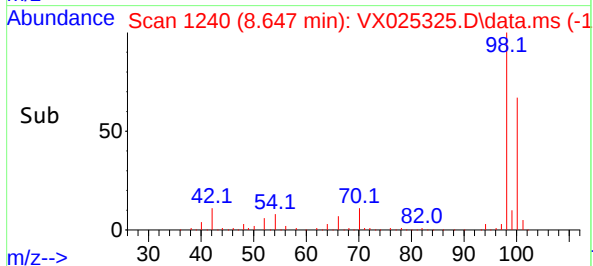
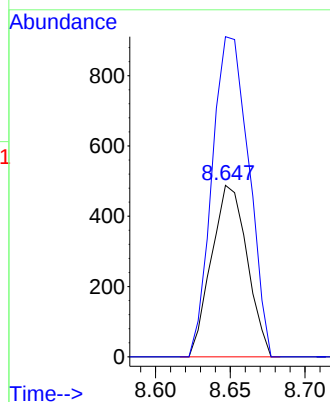
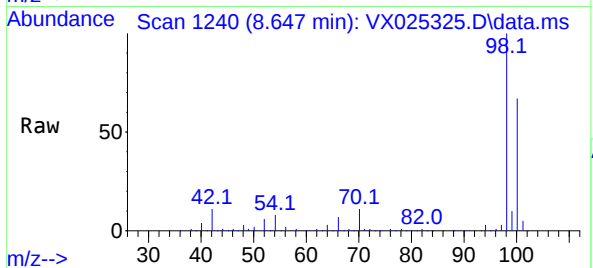




#51
4-Methyl-2-Pentanone
Concen: 0.461 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

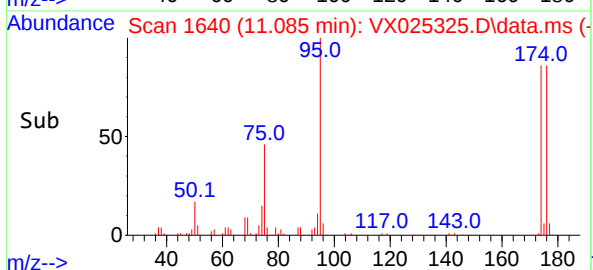
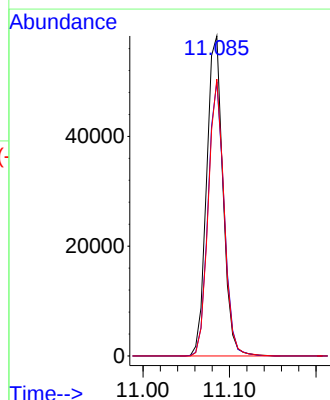
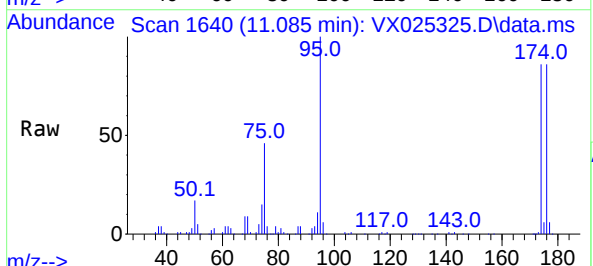
Instrument :
MSVOA_X
ClientSampleId :

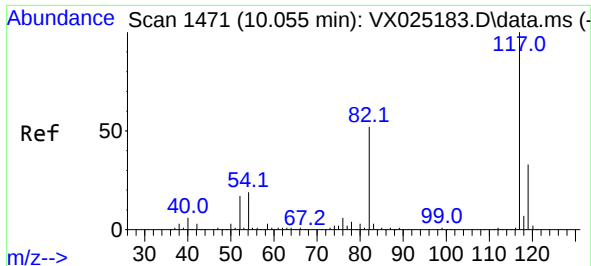
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 191.9 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 51.512 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion: 95 Resp: 76266
Ion Ratio Lower Upper
95 100
174 84.2 0.0 158.0
176 83.5 0.0 153.6

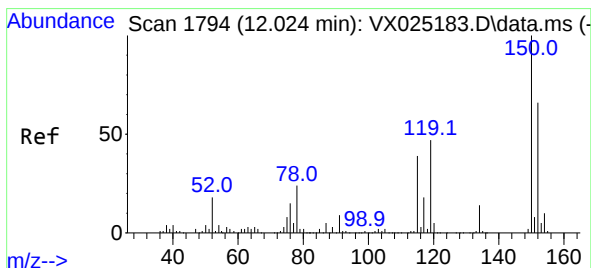
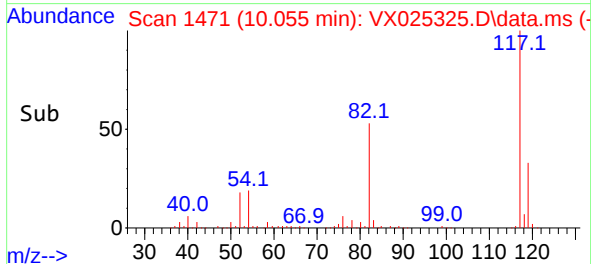
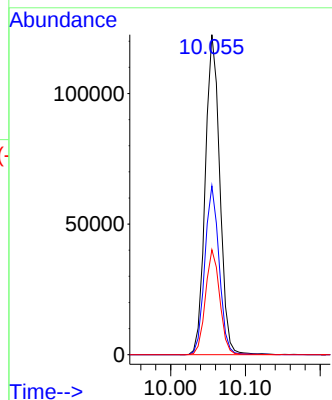
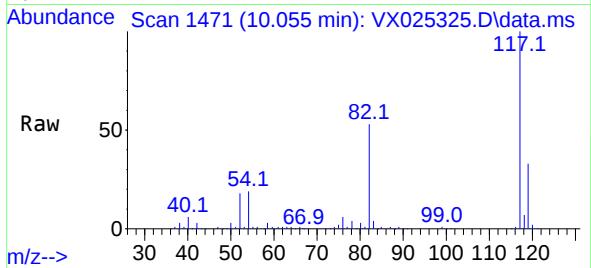




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

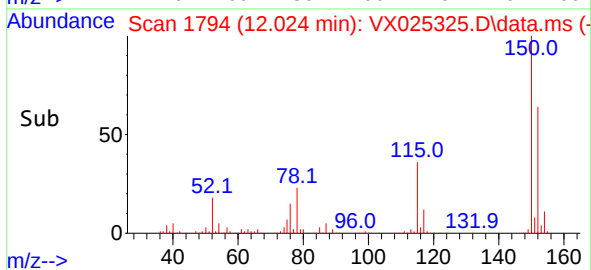
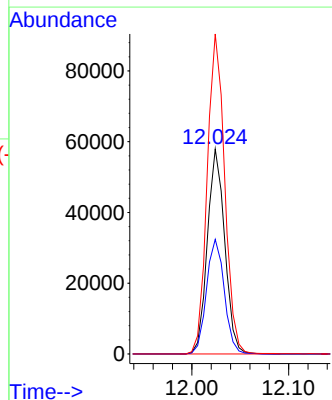
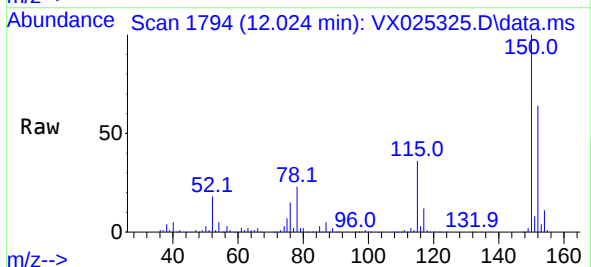
Instrument :
MSVOA_X
ClientSampleId :

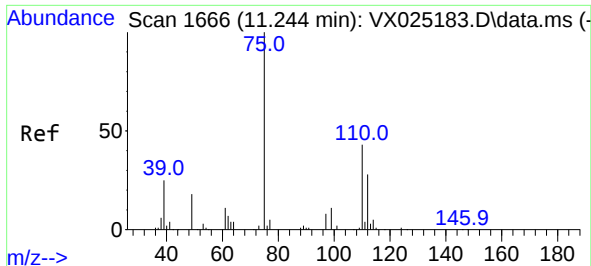
Tgt Ion:117 Resp: 165343
Ion Ratio Lower Upper
117 100
82 52.8 44.6 67.0
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion:152 Resp: 72383
Ion Ratio Lower Upper
152 100
115 57.4 43.3 129.8
150 157.4 0.0 351.2

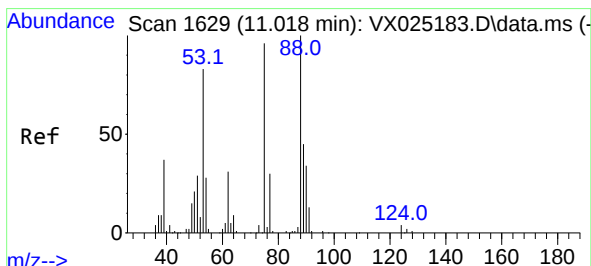
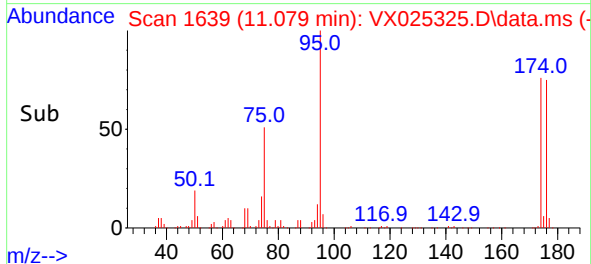
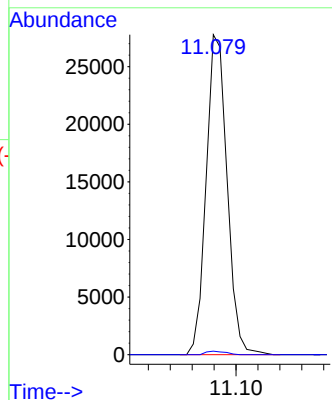
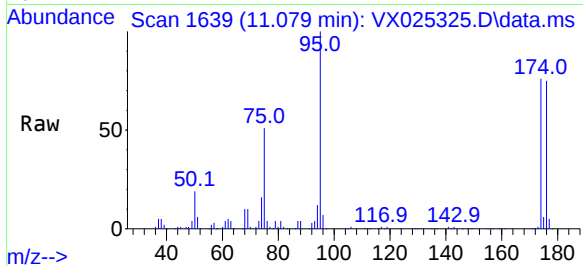




#76
1,2,3-Trichloropropane
Concen: 24.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

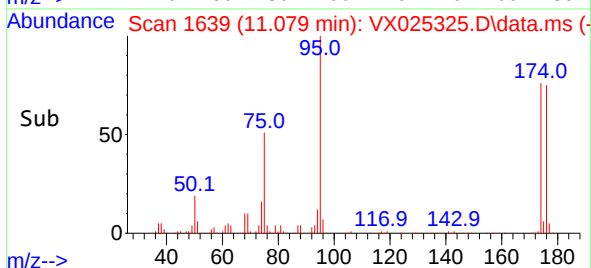
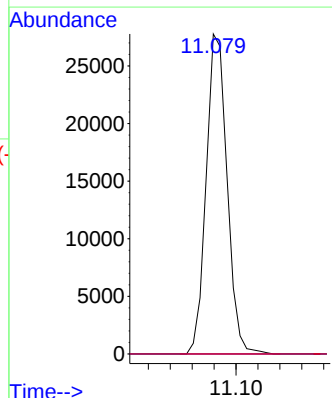
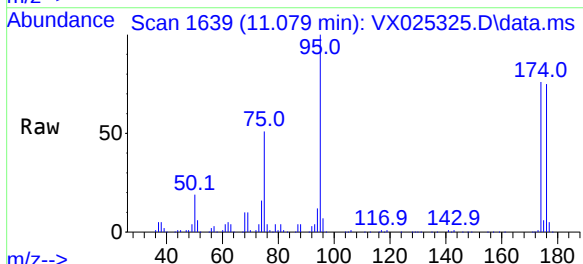
Instrument :
MSVOA_X
ClientSampleId :

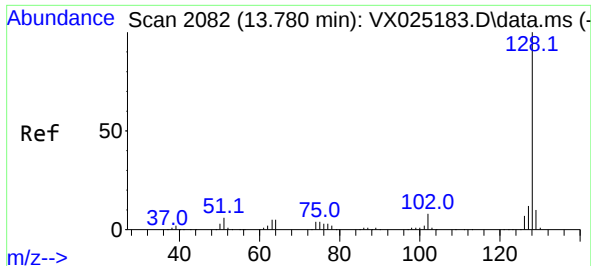
Tgt Ion: 75 Resp: 36793
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.532 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025325.D
Acq: 24 Nov 2021 14:39

Tgt Ion: 75 Resp: 36793
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

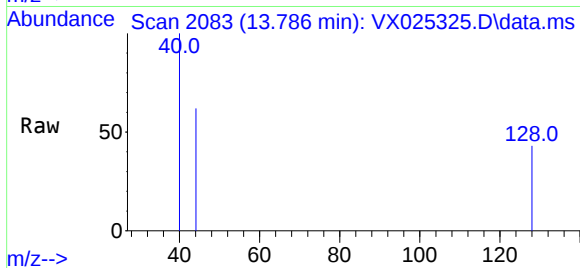
Lab File: VX025325.D

Acq: 24 Nov 2021 14:39

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 107

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

