

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025324.D
 Acq On : 24 Nov 2021 14:15
 Operator : JC/MD
 Sample : M4784-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 26 10:34:02 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)

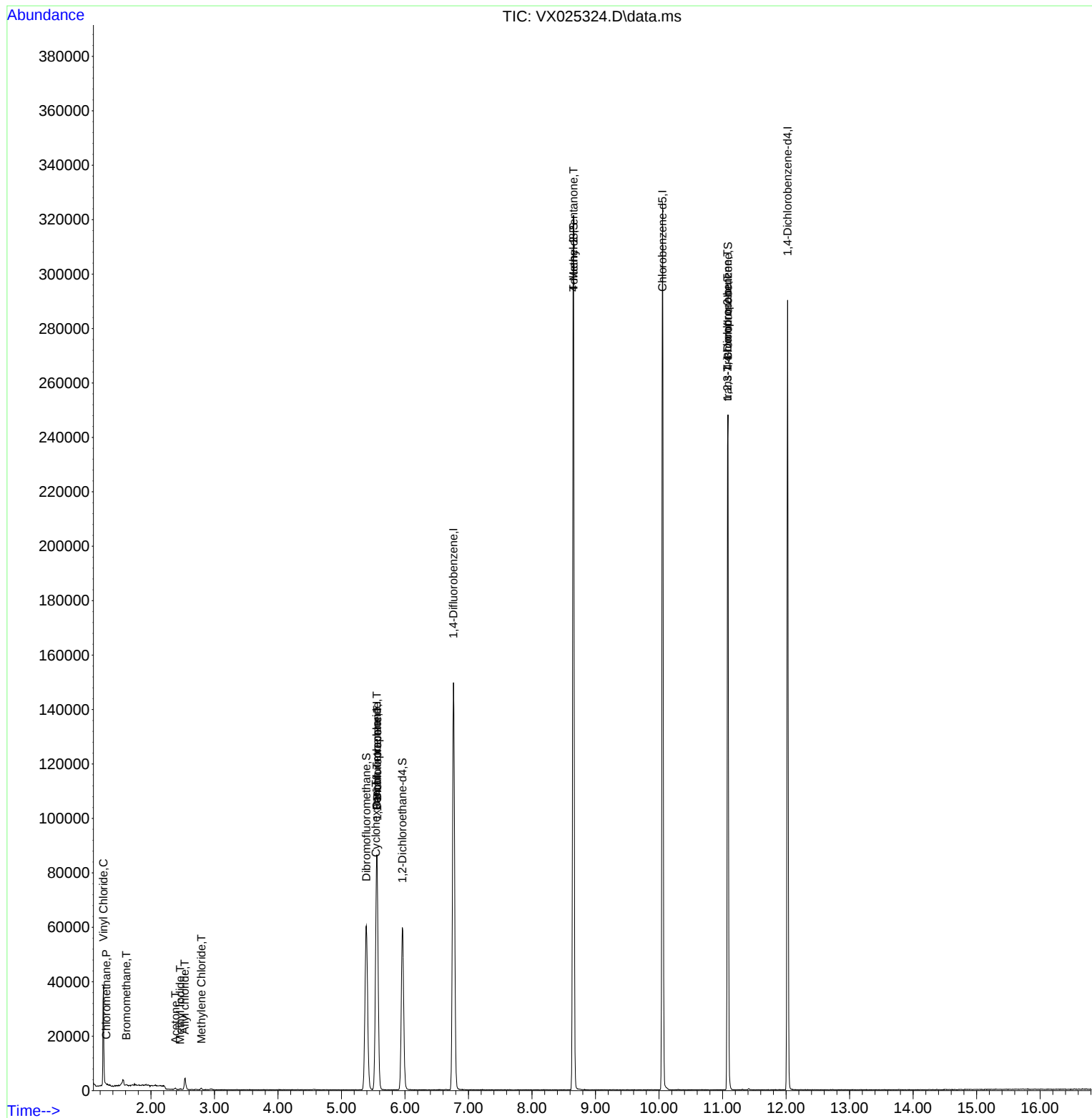
Internal Standards						
1) Pentafluorobenzene	5.556	168	88355	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	161700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	152021	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54784	58.824	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.640%#	
35) Dibromofluoromethane	5.391	113	52461	52.877	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.760%	
50) Toluene-d8	8.653	98	191354	51.297	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.600%	
62) 4-Bromofluorobenzene	11.085	95	67782	48.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.060%	
Target Compounds						Qvalue
3) Chloromethane	1.295	50	208	0.219	ug/l	98
4) Vinyl Chloride	1.252	62	295	0.283	ug/l #	1
5) Bromomethane	1.612	94	286	0.639	ug/l	91
10) Methyl Iodide	2.459	142	295	0.287	ug/l #	48
11) Tert butyl alcohol	2.941	59	211	Below Cal	#	72
14) Allyl chloride	2.532	41	476	0.321	ug/l #	77
16) Acetone	2.386	43	577	1.115	ug/l #	76
20) Methylene Chloride	2.794	84	279	0.287	ug/l #	80
31) Cyclohexane	5.544	56	1687	1.172	ug/l #	15
36) 1,1-Dichloropropene	5.562	75	5952	4.219	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8267	5.320	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	797	0.476	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	32622	25.543	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32622	64.348	ug/l #	9
95) Naphthalene	13.774	128	128	Below Cal	#	69

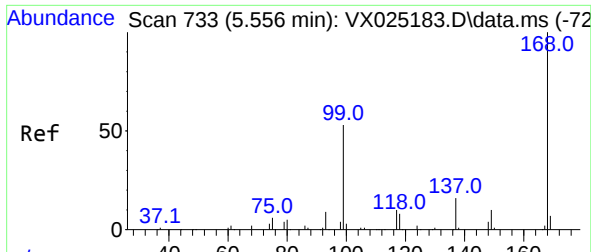
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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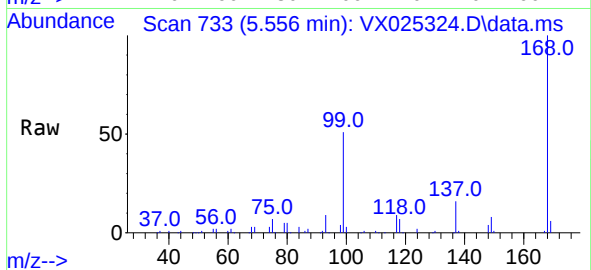
Quant Time: Nov 26 10:34:02 2021
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Quant Title : SW846 8260
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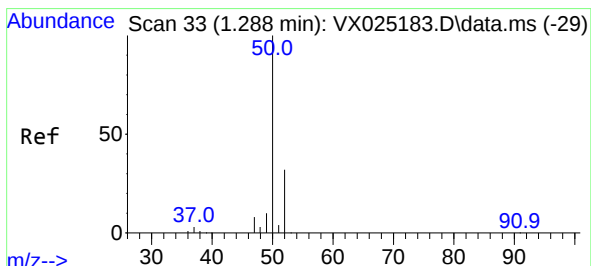
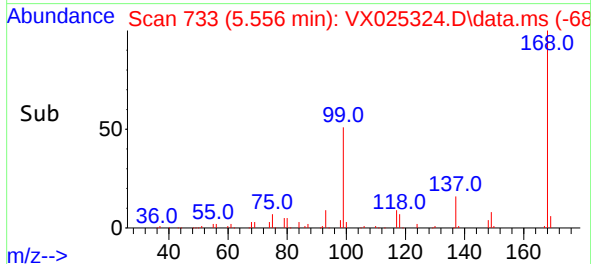
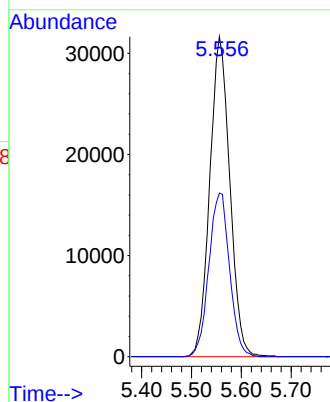


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Instrument :
MSVOA_X
ClientSampleId :

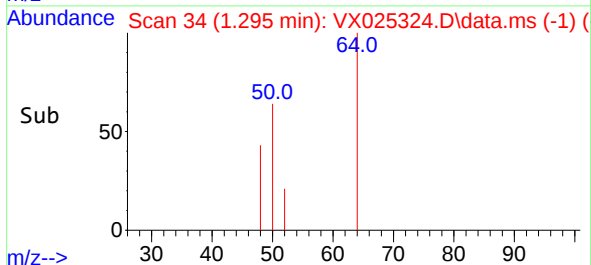
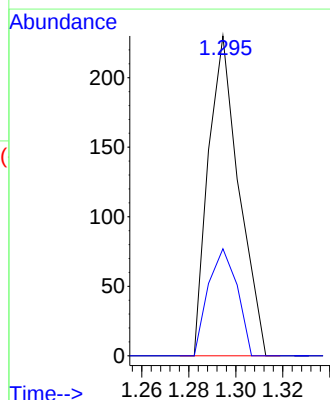
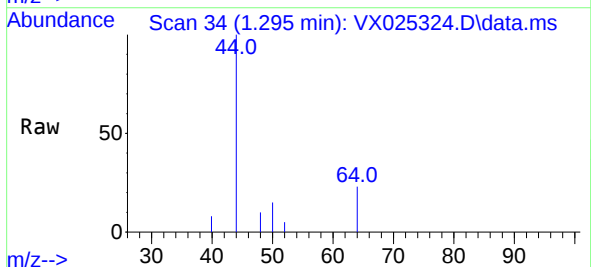


Tgt Ion:168 Resp: 88355
Ion Ratio Lower Upper
168 100
99 51.2 46.4 69.6

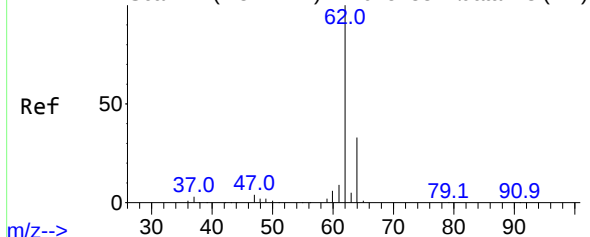


#3
Chloromethane
Concen: 0.219 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Tgt Ion: 50 Resp: 208
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9



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

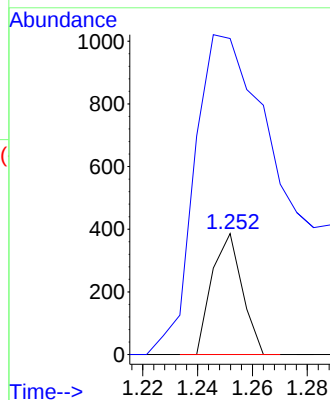
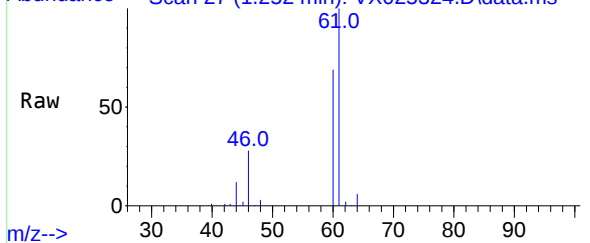


#4
Vinyl Chloride
Concen: 0.283 ug/l
RT: 1.252 min Scan# 21
Delta R.T. -0.122 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

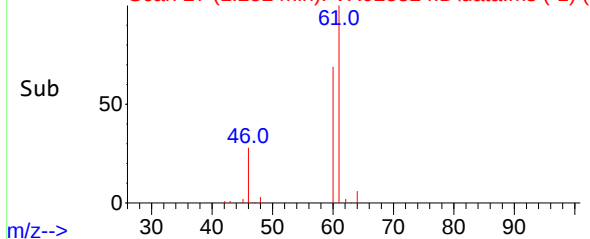
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 295
Ion Ratio Lower Upper
62 100
64 228.8 26.0 39.0#

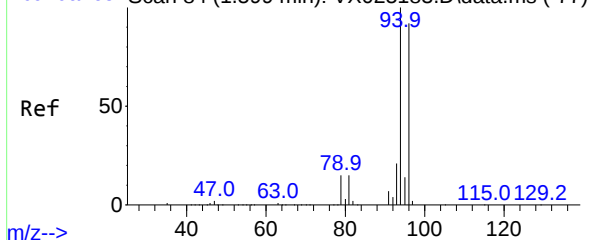
Abundance Scan 27 (1.252 min): VX025324.D\data.ms



Abundance Scan 27 (1.252 min): VX025324.D\data.ms (-1)



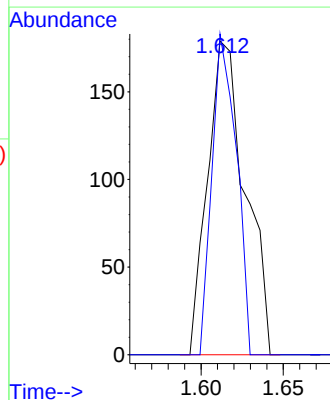
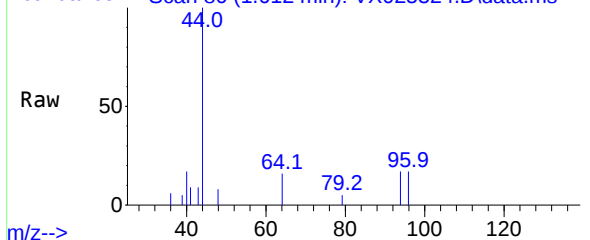
Abundance Scan 84 (1.599 min): VX025183.D\data.ms (-77)



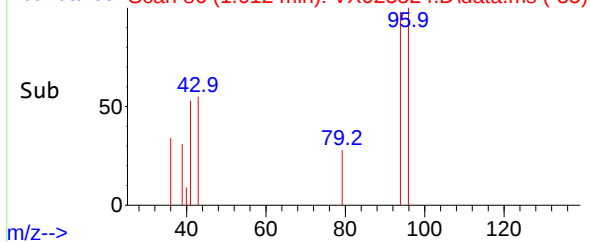
#5
Bromomethane
Concen: 0.639 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

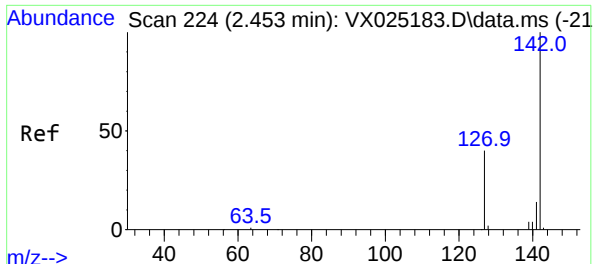
Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 102.2 74.8 112.2

Abundance Scan 86 (1.612 min): VX025324.D\data.ms



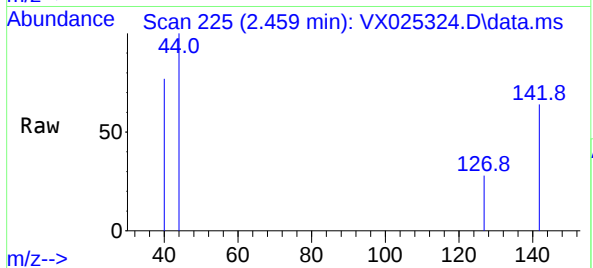
Abundance Scan 86 (1.612 min): VX025324.D\data.ms (-35)



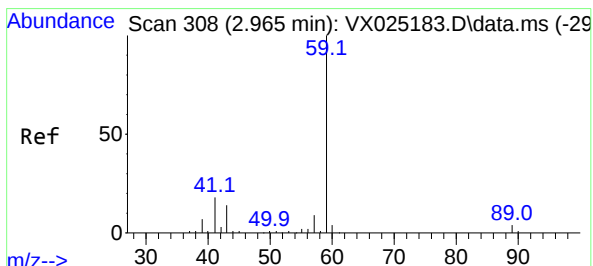
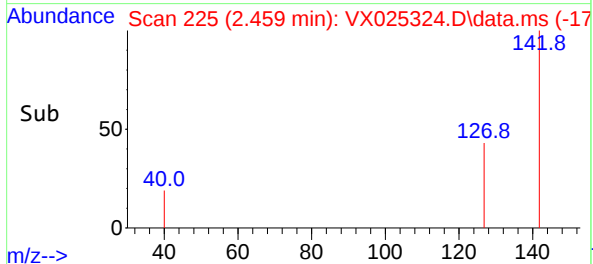
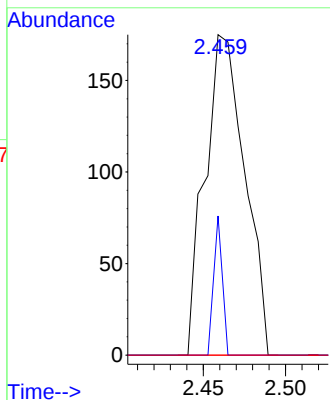


#10
Methyl Iodide
Concen: 0.287 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Instrument :
MSVOA_X
ClientSampleId :

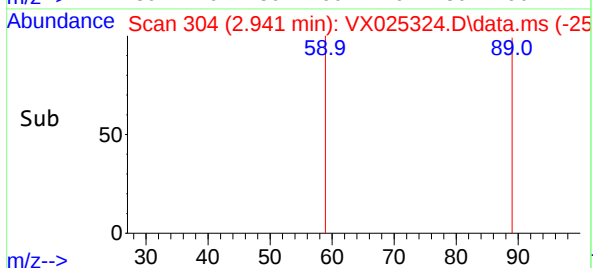
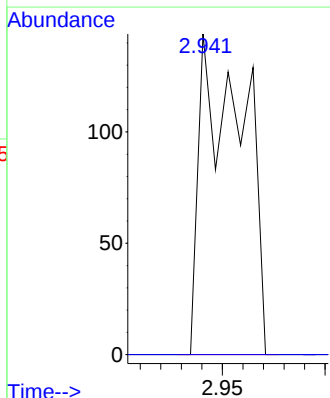
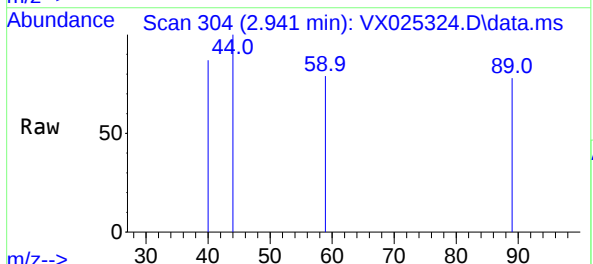


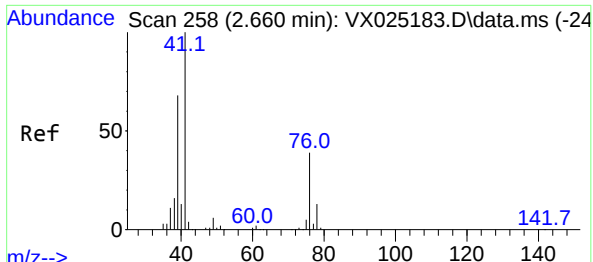
Tgt Ion:142 Resp: 295
Ion Ratio Lower Upper
142 100
127 9.5 38.9 58.3#
141 0.0 11.7 17.5#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

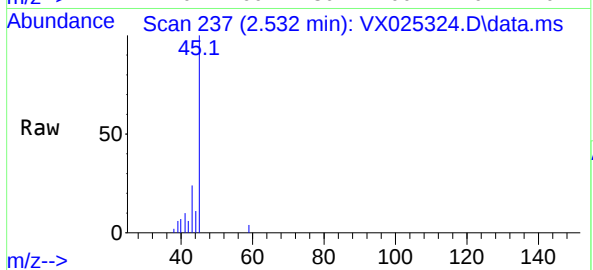
Tgt Ion: 59 Resp: 211
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



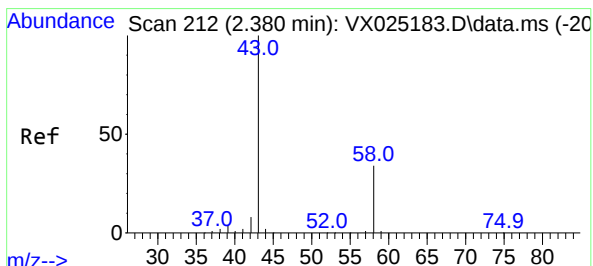
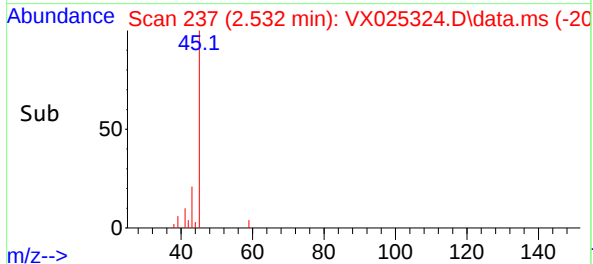
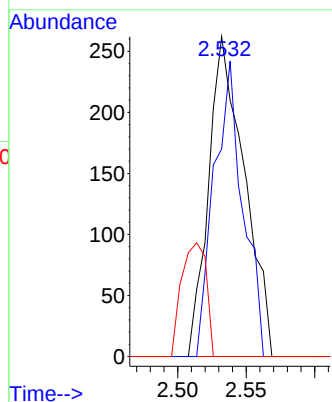


#14
Allyl chloride
Concen: 0.321 ug/l
RT: 2.532 min Scan# 213
Delta R.T. -0.128 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Instrument :
MSVOA_X
ClientSampleId :

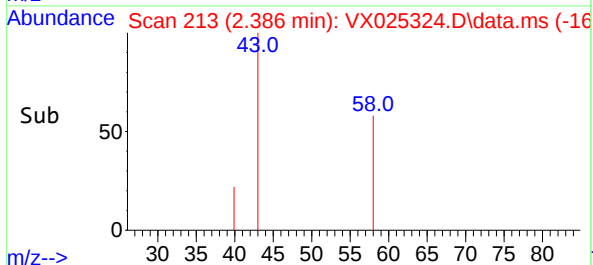
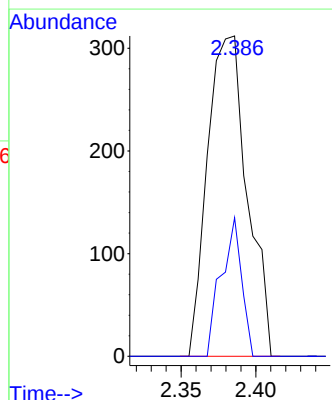
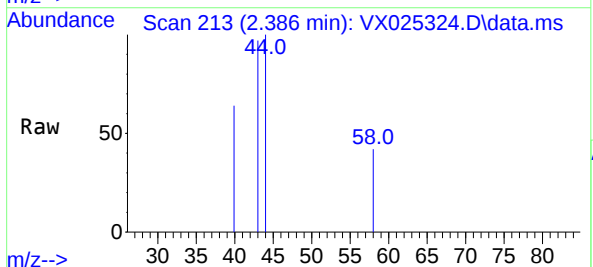


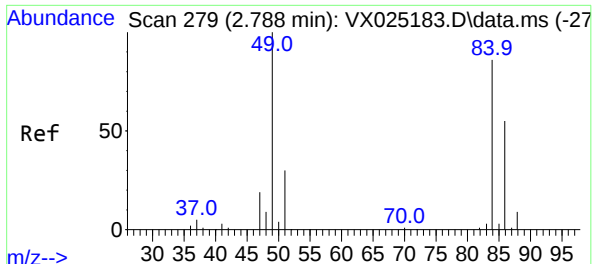
Tgt Ion: 41 Resp: 476
Ion Ratio Lower Upper
41 100
39 73.9 54.6 82.0
76 0.0 25.3 37.9#



#16
Acetone
Concen: 1.115 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
58 43.3 24.0 36.0#





#20

Methylene Chloride

Concen: 0.287 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

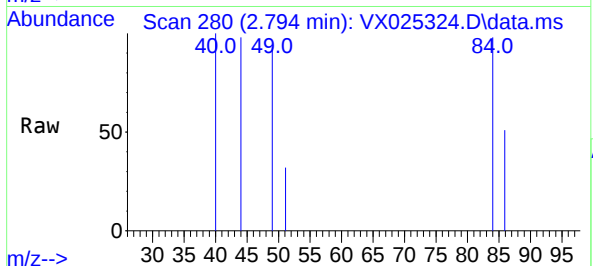
Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 279

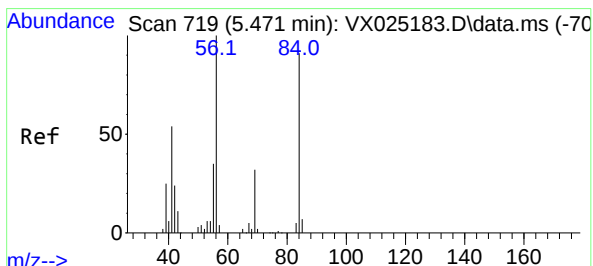
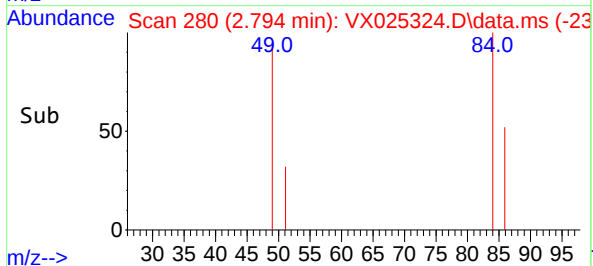
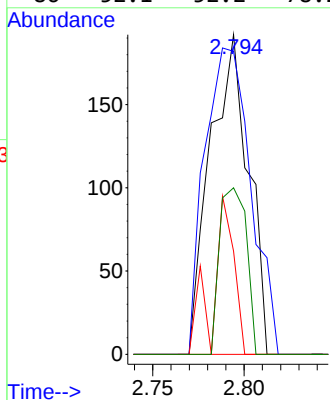
Ion Ratio Lower Upper

84 100

49 94.8 98.2 147.2#

51 32.3 30.2 45.4

86 52.1 52.2 78.2#



#31

Cyclohexane

Concen: 1.172 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

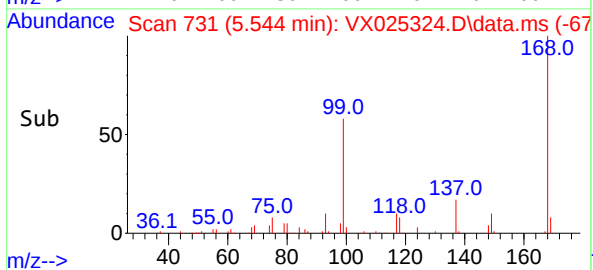
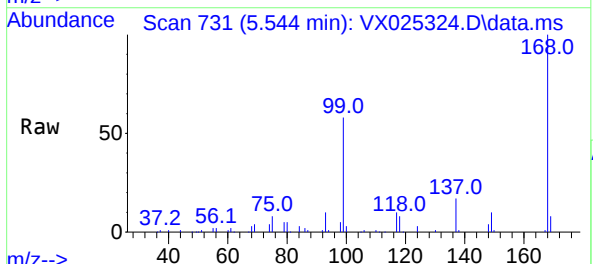
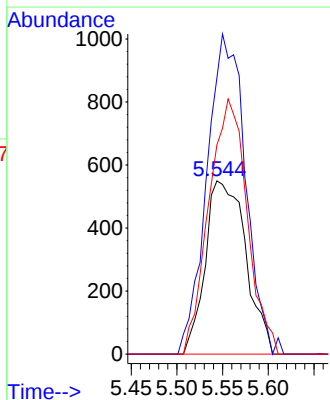
Tgt Ion: 56 Resp: 1687

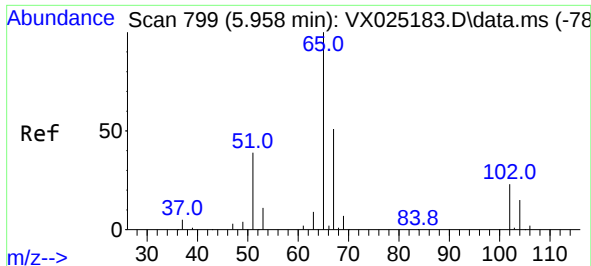
Ion Ratio Lower Upper

56 100

69 159.5 24.2 36.2#

84 120.7 71.5 107.3#





#33

1,2-Dichloroethane-d4

Concen: 58.824 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

Instrument :

MSVOA_X

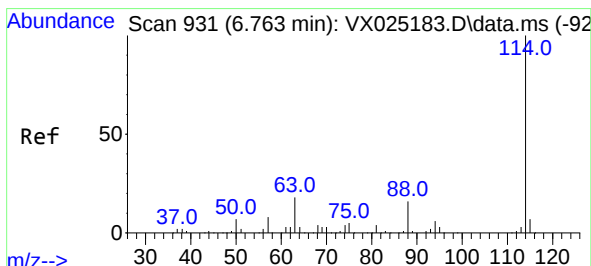
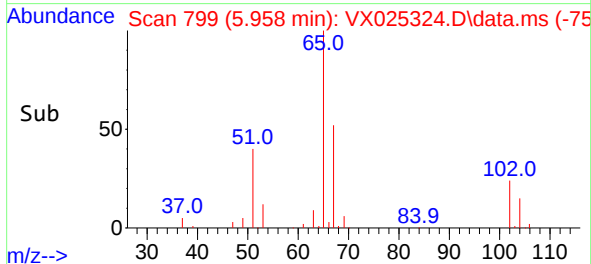
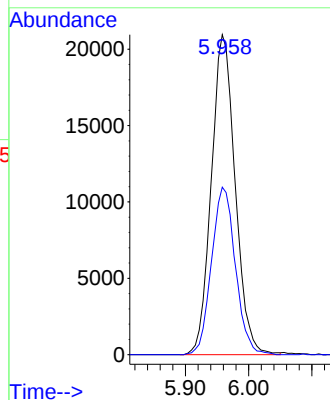
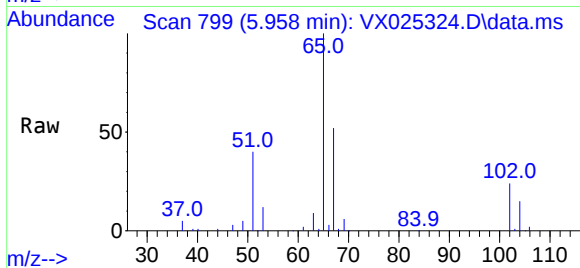
ClientSampleId :

Tgt Ion: 65 Resp: 54784

Ion Ratio Lower Upper

65 100

67 52.4 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: VX025324.D

Acq: 24 Nov 2021 14:15

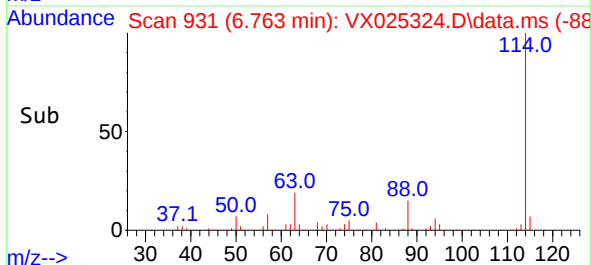
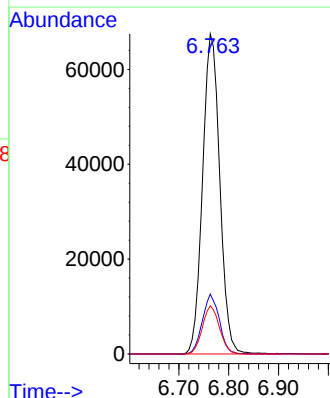
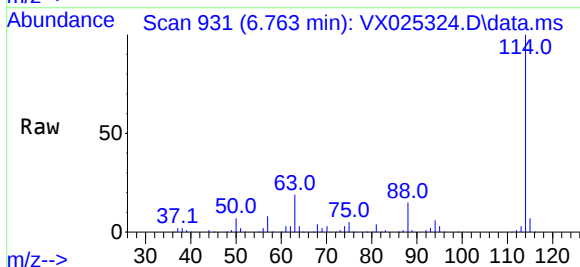
Tgt Ion: 114 Resp: 161700

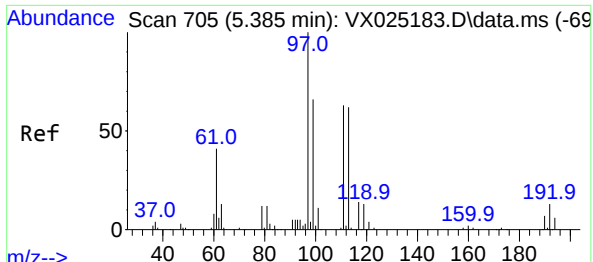
Ion Ratio Lower Upper

114 100

63 18.7 0.0 41.0

88 15.1 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.877 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

Instrument :

MSVOA_X

ClientSampleId :

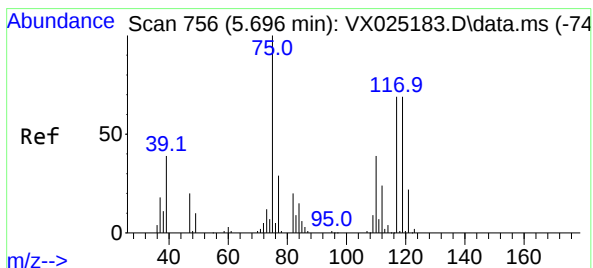
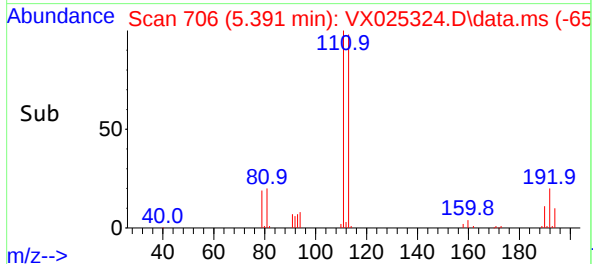
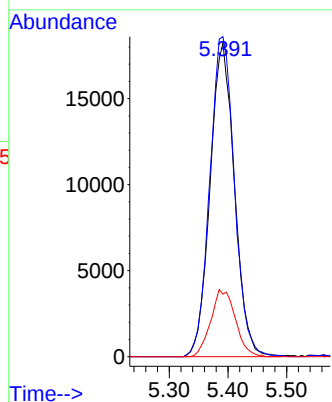
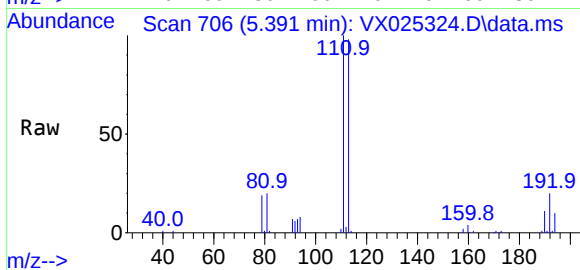
Tgt Ion:113 Resp: 52461

Ion Ratio Lower Upper

113 100

111 103.5 82.1 123.1

192 21.6 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.219 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

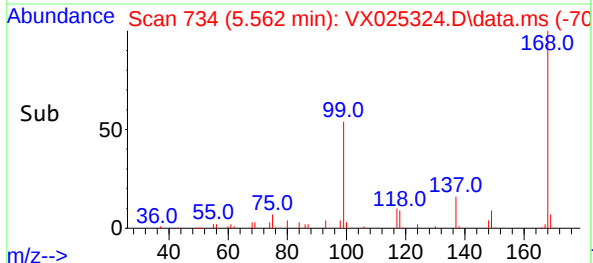
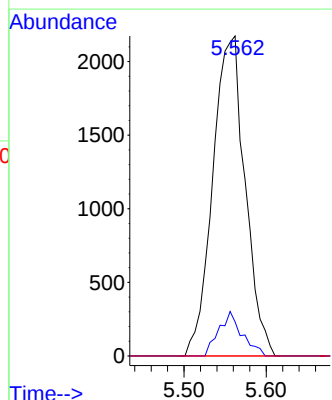
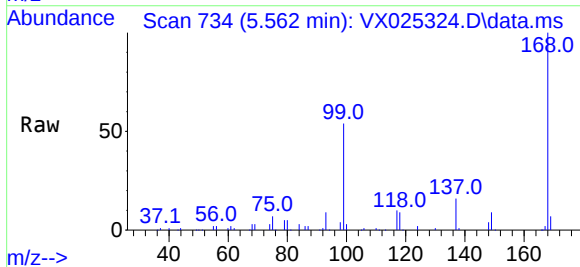
Tgt Ion: 75 Resp: 5952

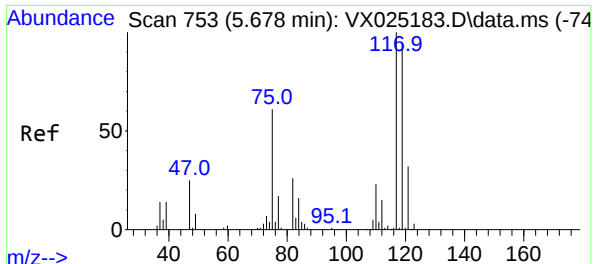
Ion Ratio Lower Upper

75 100

110 10.0 18.1 54.3#

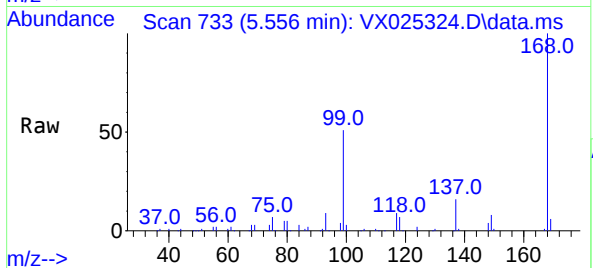
77 0.0 24.4 36.6#



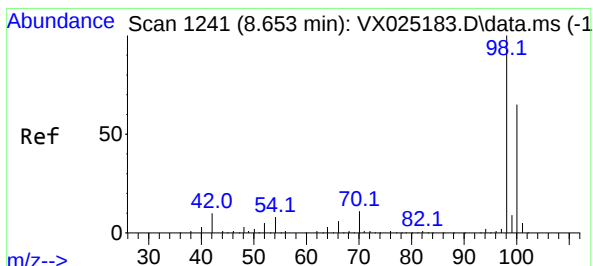
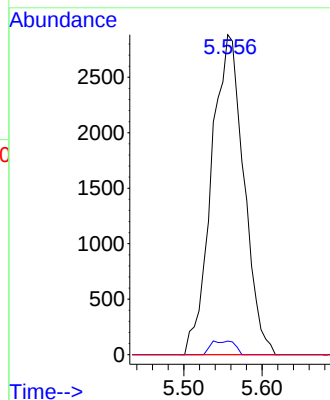
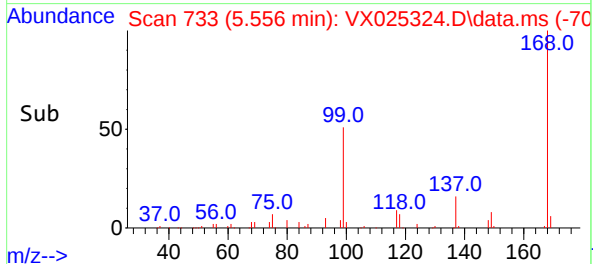


#38
Carbon Tetrachloride
Concen: 5.320 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Instrument :
MSVOA_X
ClientSampleId :

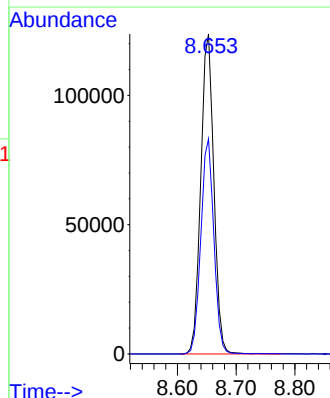
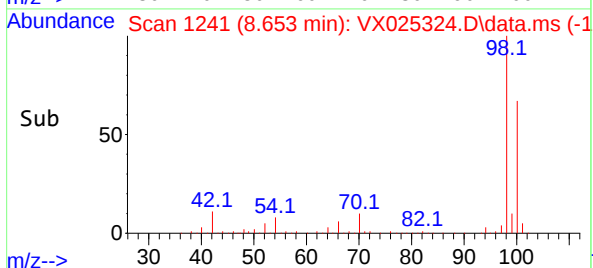
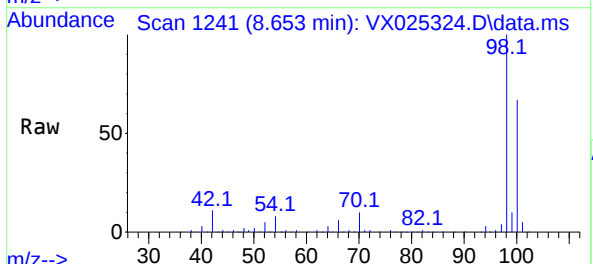


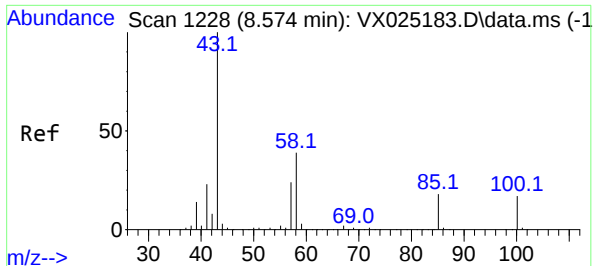
Tgt Ion:117 Resp: 8267
Ion Ratio Lower Upper
117 100
119 4.2 75.6 113.4#
121 0.0 23.7 35.5#



#50
Toluene-d8
Concen: 51.297 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Tgt Ion: 98 Resp: 191354
Ion Ratio Lower Upper
98 100
100 66.9 51.4 77.0





#51

4-Methyl-2-Pentanone

Concen: 0.476 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

Instrument :

MSVOA_X

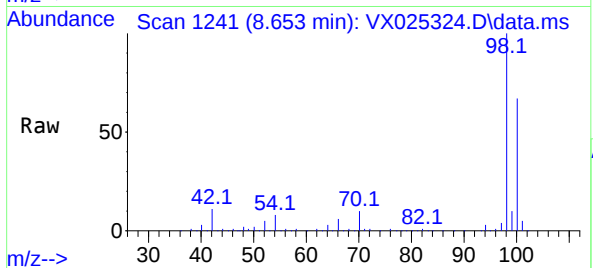
ClientSampleId :

Tgt Ion: 43 Resp: 797

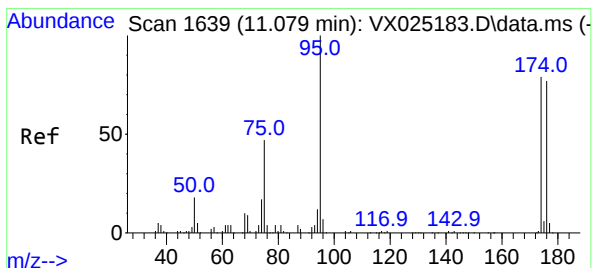
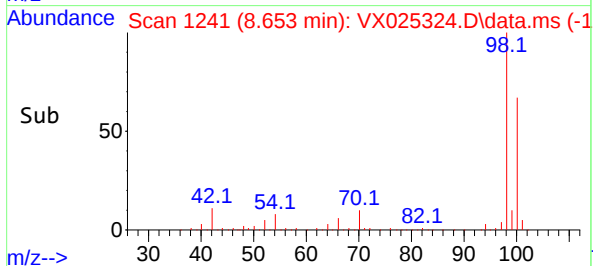
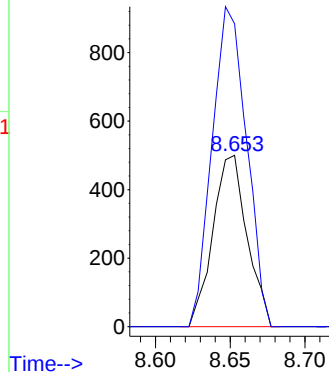
Ion Ratio Lower Upper

43 100

58 188.0 30.9 46.3#



Abundance



#62

4-Bromofluorobenzene

Concen: 48.031 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

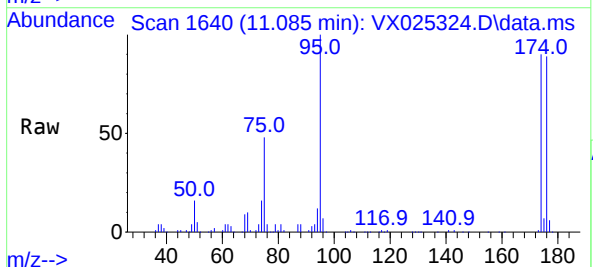
Tgt Ion: 95 Resp: 67782

Ion Ratio Lower Upper

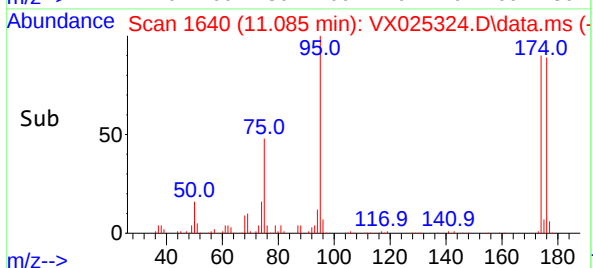
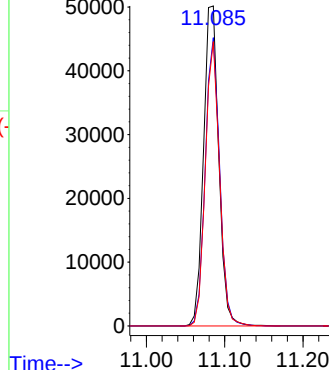
95 100

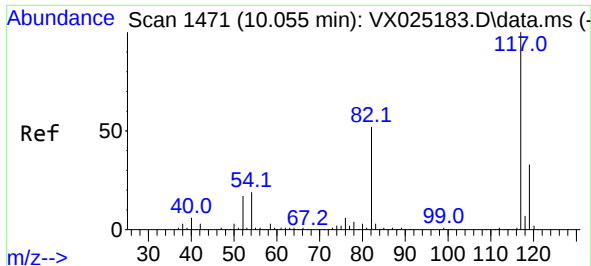
174 85.1 0.0 158.0

176 83.1 0.0 153.6



Abundance

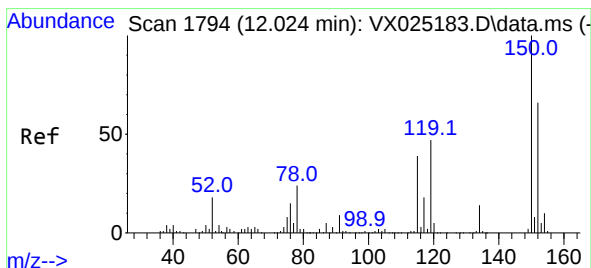
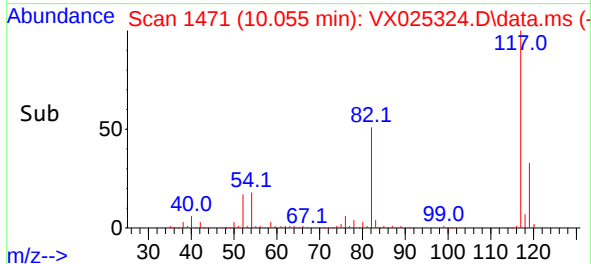
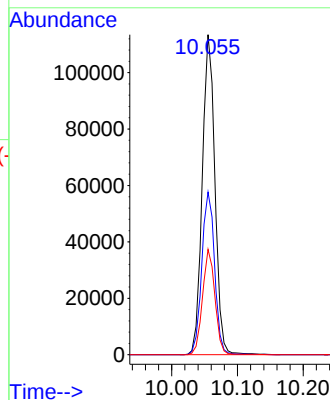
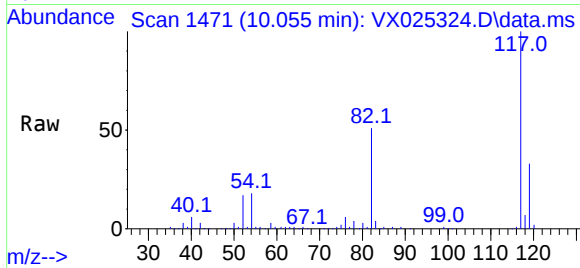




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

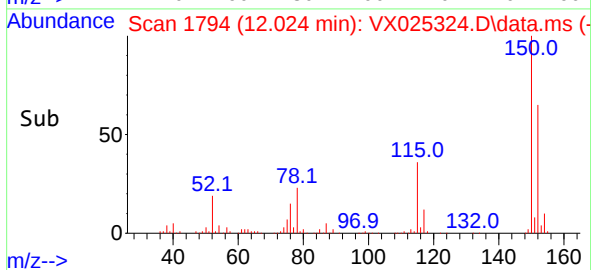
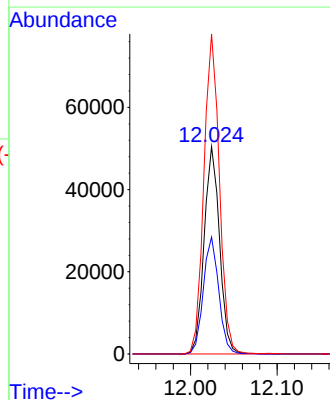
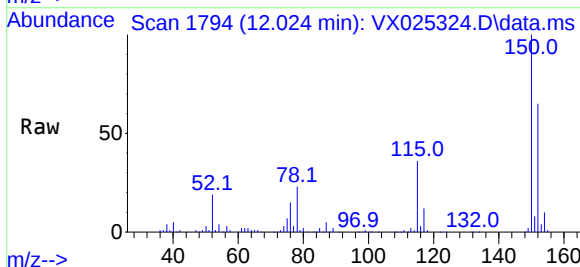
Instrument :
MSVOA_X
ClientSampleId :

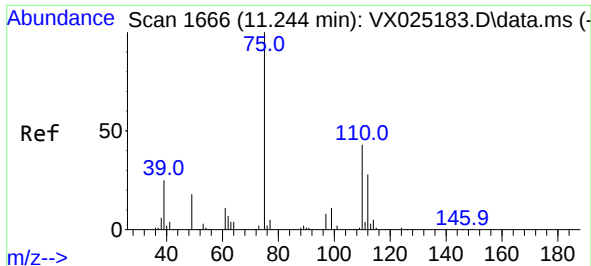
Tgt Ion:117 Resp: 152021
Ion Ratio Lower Upper
117 100
82 50.8 44.6 67.0
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Tgt Ion:152 Resp: 62366
Ion Ratio Lower Upper
152 100
115 56.3 43.3 129.8
150 155.4 0.0 351.2

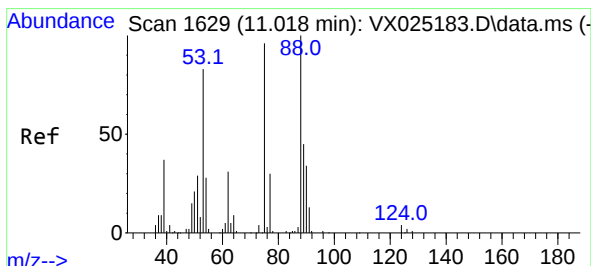
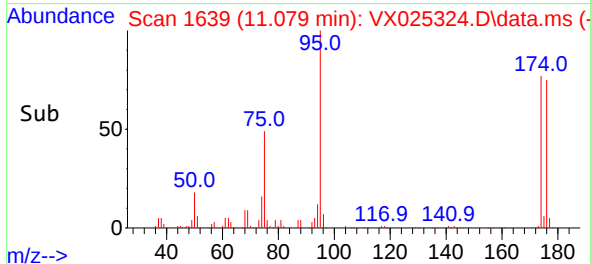
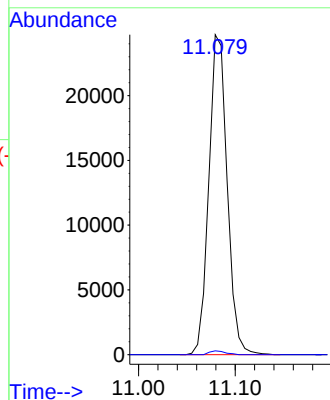
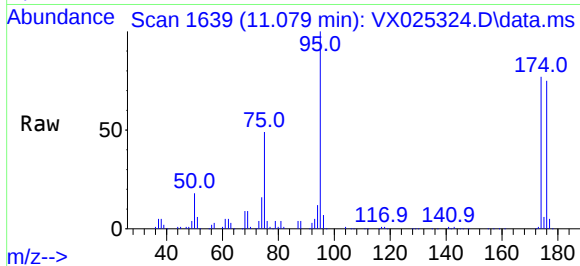




#76
1,2,3-Trichloropropane
Concen: 25.543 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

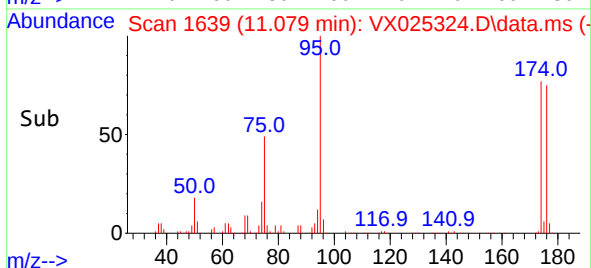
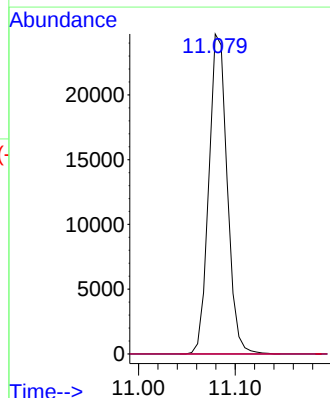
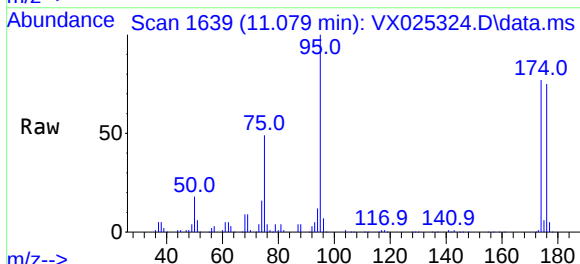
Instrument :
MSVOA_X
ClientSampleId :

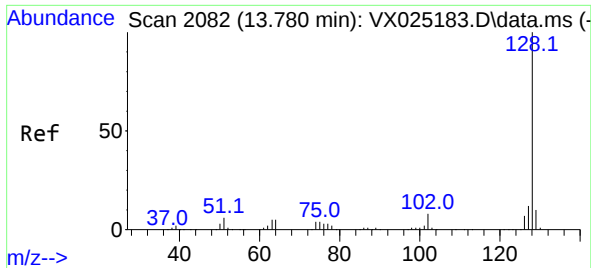
Tgt Ion: 75 Resp: 32622
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX025324.D
Acq: 24 Nov 2021 14:15

Tgt Ion: 75 Resp: 32622
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: 13.774 min Scan# 20

Delta R.T. -0.006 min

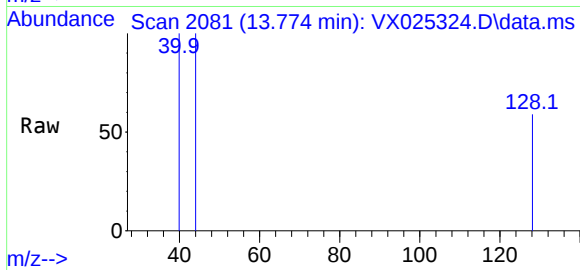
Lab File: VX025324.D

Acq: 24 Nov 2021 14:15

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 128

Ion Ratio Lower Upper

128 100

127 0.0 10.3 15.5#

129 0.0 8.8 13.2#

