

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
 Data File : VX025330.D
 Acq On : 24 Nov 2021 16:35
 Operator : JC/MD
 Sample : M4817-01DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A6879DL

Quant Time: Nov 26 10:36:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	214582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88729	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71243	50.245	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.500%	
35) Dibromofluoromethane	5.391	113	64360	48.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.760%	
50) Toluene-d8	8.653	98	247614	50.020	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.040%	
62) 4-Bromofluorobenzene	11.079	95	89289	47.678	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.360%	

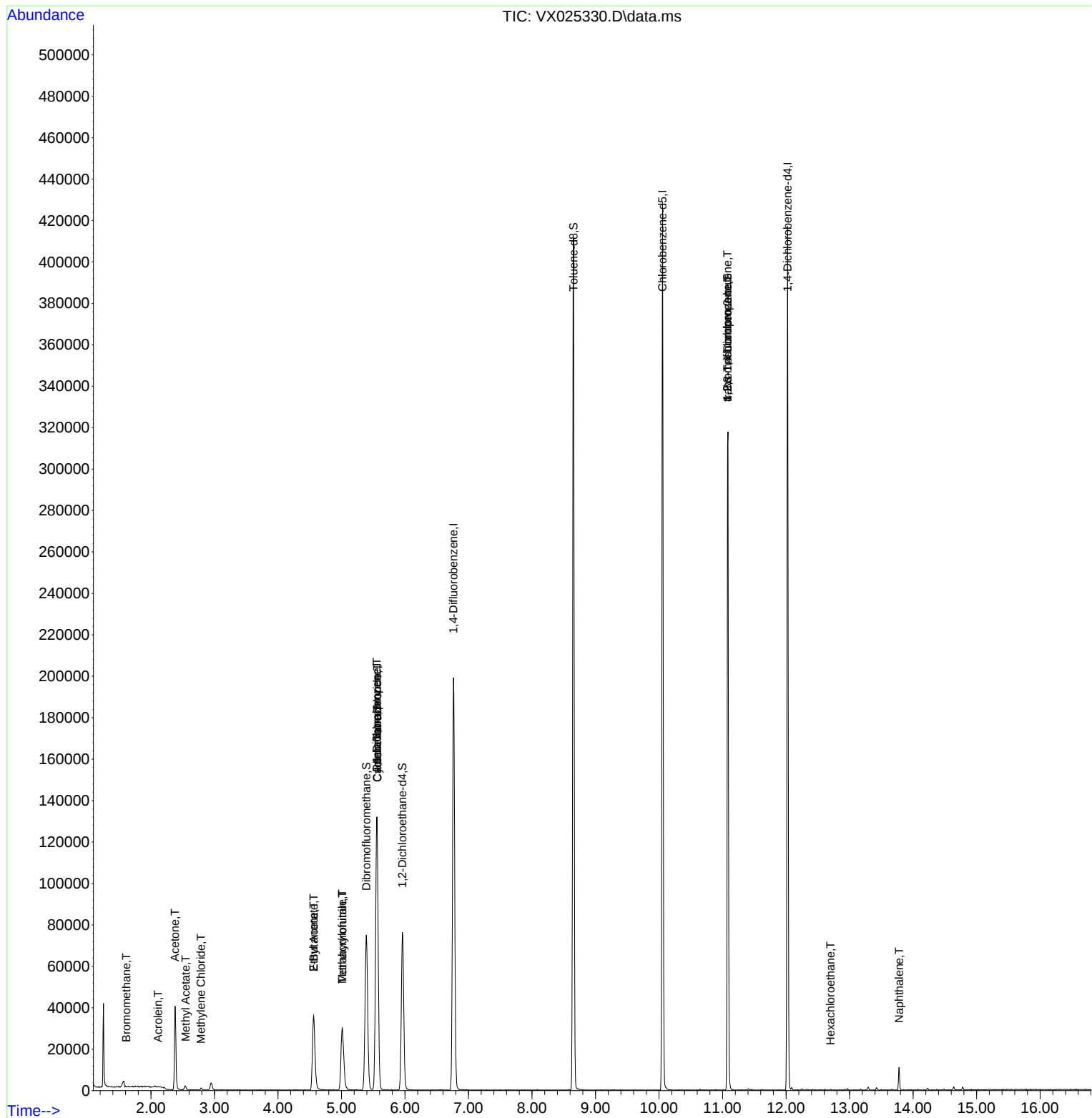
Target Compounds			Qvalue			
5) Bromomethane	1.611	94	184	0.270	ug/l	94
11) Tert butyl alcohol	2.940	59	2092	Below Cal	#	74
13) Acrolein	2.111	56	20	0.308	ug/l #	38
16) Acetone	2.380	43	41062	52.118	ug/l	95
18) Methyl Acetate	2.544	43	708	0.281	ug/l #	52
20) Methylene Chloride	2.788	84	434	0.293	ug/l #	82
25) 2-Butanone	4.562	43	61393	53.896	ug/l	96
29) Tetrahydrofuran	5.013	42	28492	40.397	ug/l	97
31) Cyclohexane	5.562	56	2439	1.113	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9053	4.836	ug/l #	49
37) Ethyl Acetate	4.562	43	61393	28.822	ug/l #	68
38) Carbon Tetrachloride	5.562	117	12780	6.198	ug/l #	15
41) Methacrylonitrile	5.013	41	15809	13.372	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	42921	23.622	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42921	59.508	ug/l #	9
90) Hexachloroethane	12.701	117	216	0.208	ug/l #	11
95) Naphthalene	13.780	128	7227	0.838	ug/l	97

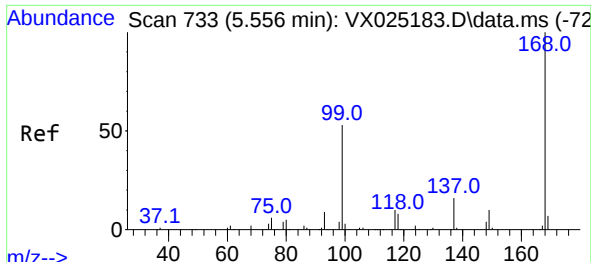
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112421\
Data File : VX025330.D
Acq On : 24 Nov 2021 16:35
Operator : JC/MD
Sample : M4817-01DL 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
A6879DL

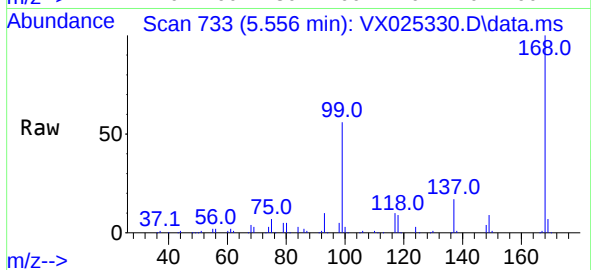
Quant Time: Nov 26 10:36:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



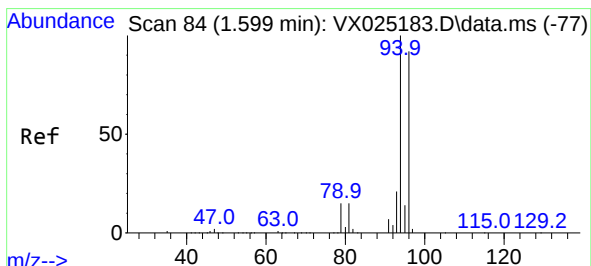
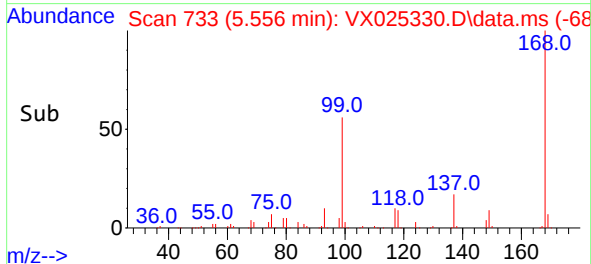
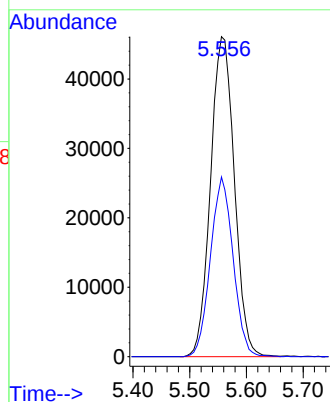


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :
A6879DL

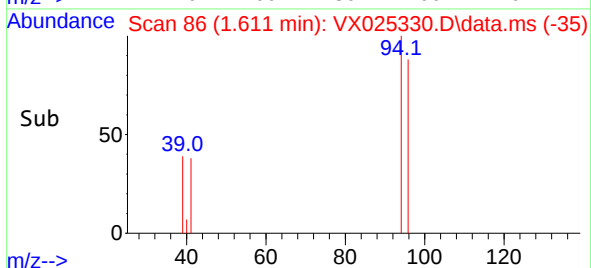
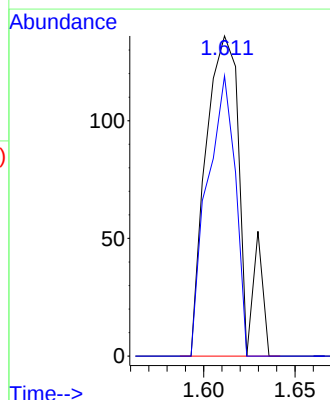
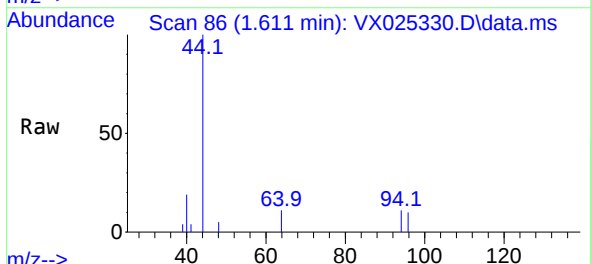


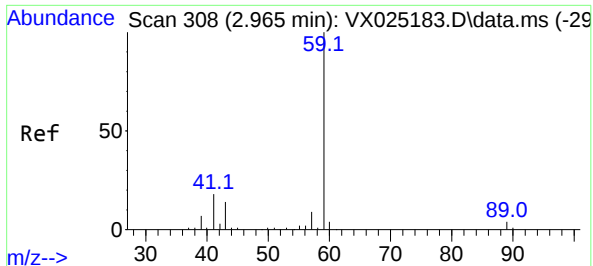
Tgt Ion:168 Resp: 134517
Ion Ratio Lower Upper
168 100
99 56.1 46.4 69.6



#5
Bromomethane
Concen: 0.270 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 87.5 74.8 112.2





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.025 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

Instrument :

MSVOA_X

ClientSampleId :

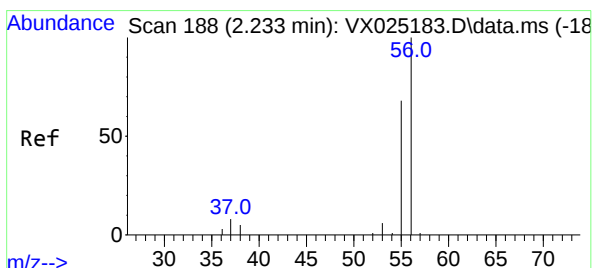
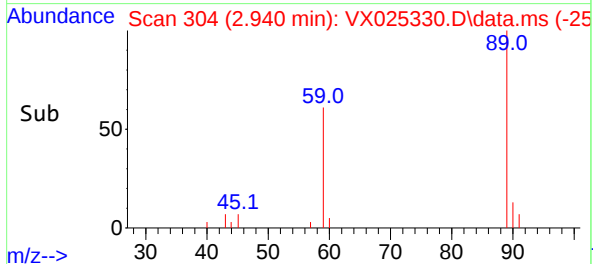
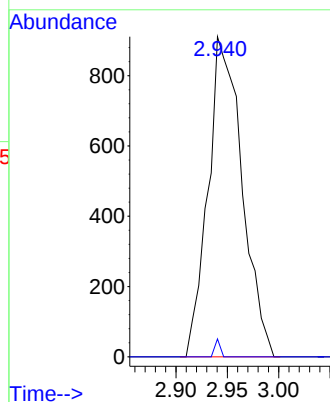
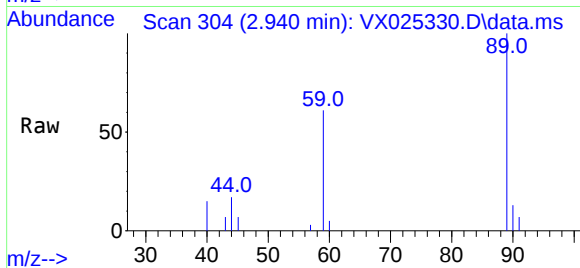
A6879DL

Tgt Ion: 59 Resp: 2092

Ion Ratio Lower Upper

59 100

57 0.9 8.5 12.7#



#13

Acrolein

Concen: 0.308 ug/l

RT: 2.111 min Scan# 168

Delta R.T. -0.122 min

Lab File: VX025330.D

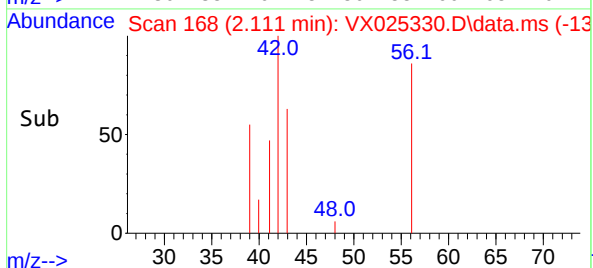
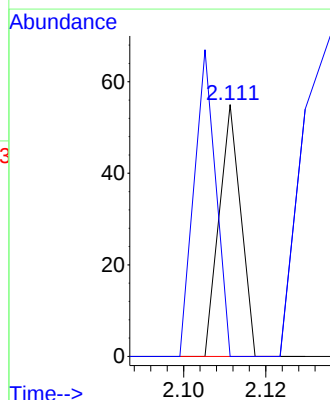
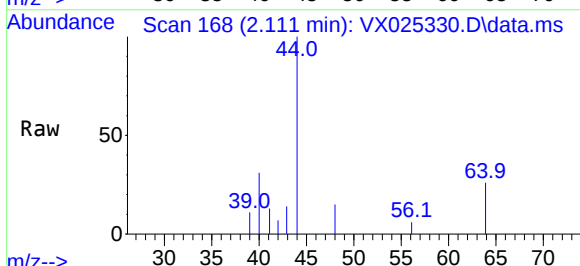
Acq: 24 Nov 2021 16:35

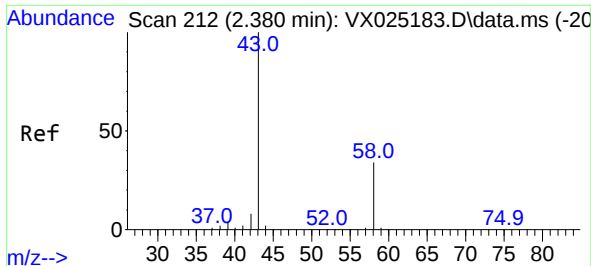
Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 125.0 58.6 87.8#

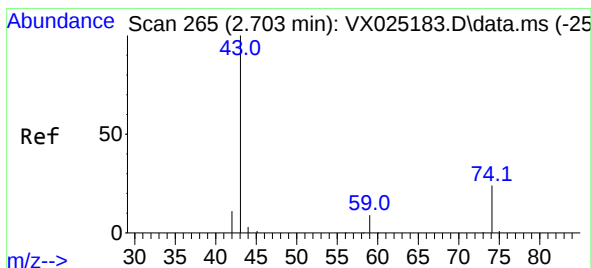
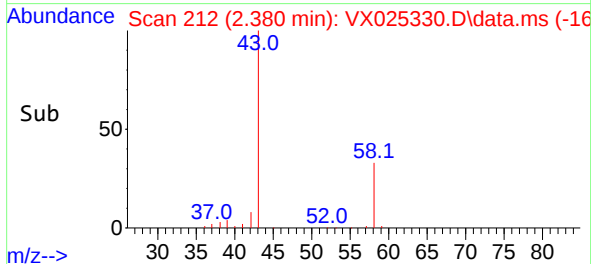
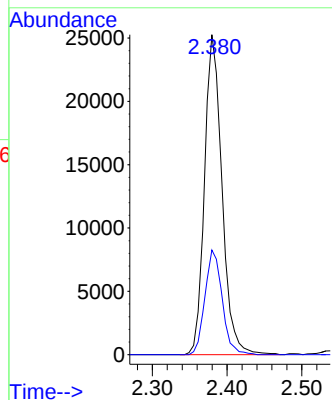
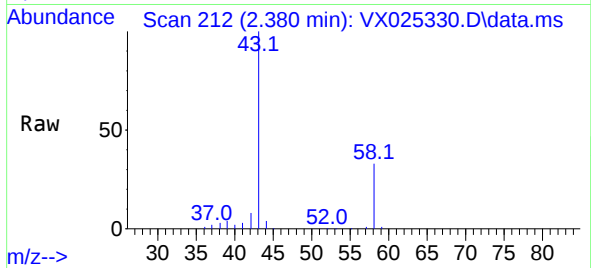




#16
Acetone
Concen: 52.118 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

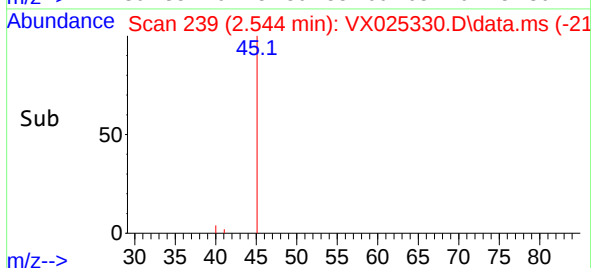
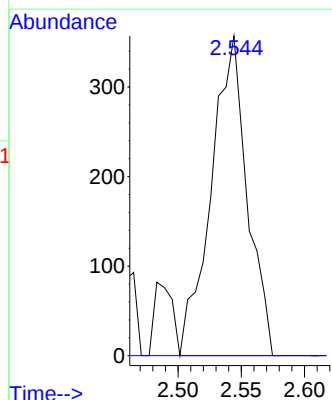
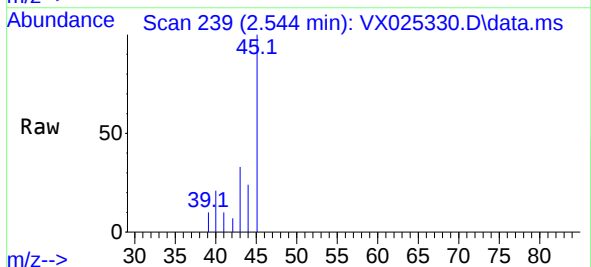
Instrument :
MSVOA_X
ClientSampleId :
A6879DL

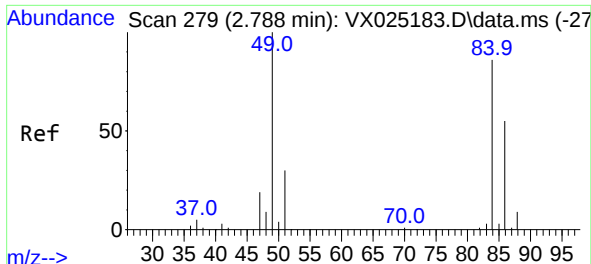
Tgt Ion: 43 Resp: 41062
Ion Ratio Lower Upper
43 100
58 32.7 24.0 36.0



#18
Methyl Acetate
Concen: 0.281 ug/l
RT: 2.544 min Scan# 239
Delta R.T. -0.159 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Tgt Ion: 43 Resp: 708
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.6#





#20

Methylene Chloride

Concen: 0.293 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX025330.D

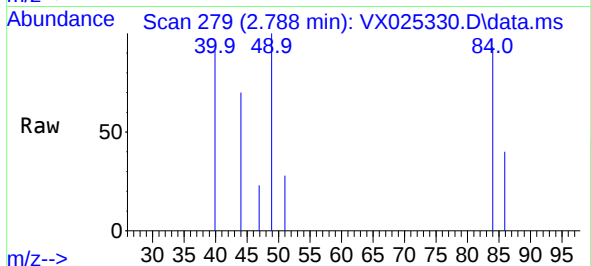
Acq: 24 Nov 2021 16:35

Instrument :

MSVOA_X

ClientSampleId :

A6879DL



Tgt Ion: 84 Resp: 434

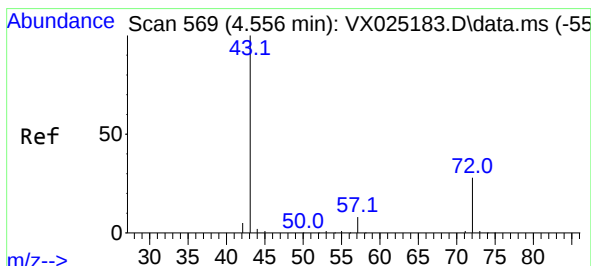
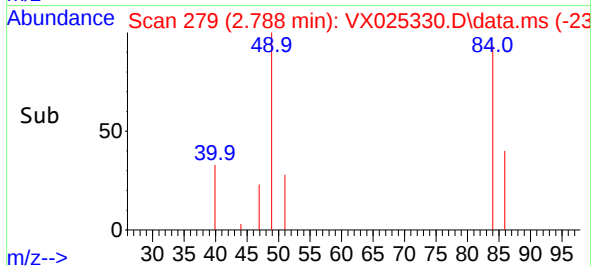
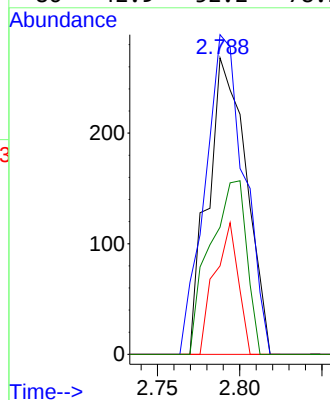
Ion Ratio Lower Upper

84 100

49 107.8 98.2 147.2

51 29.9 30.2 45.4#

86 42.9 52.2 78.2#



#25

2-Butanone

Concen: 53.896 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.006 min

Lab File: VX025330.D

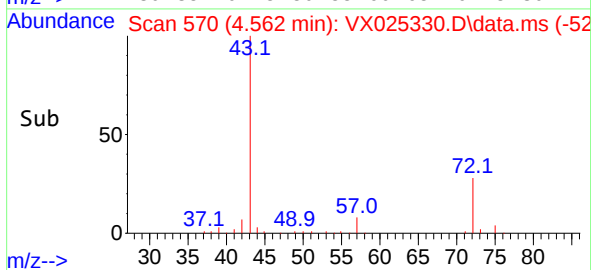
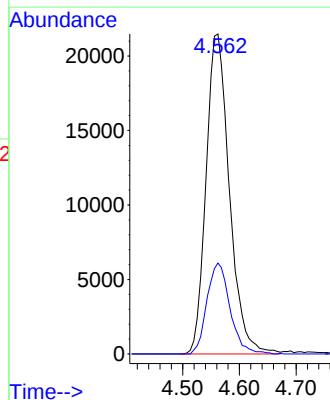
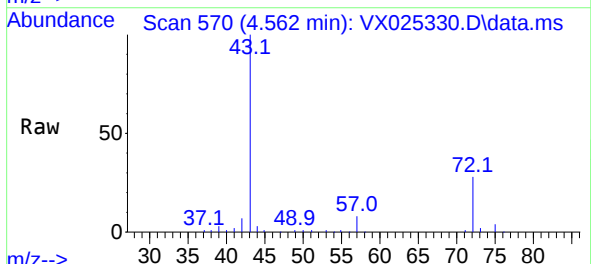
Acq: 24 Nov 2021 16:35

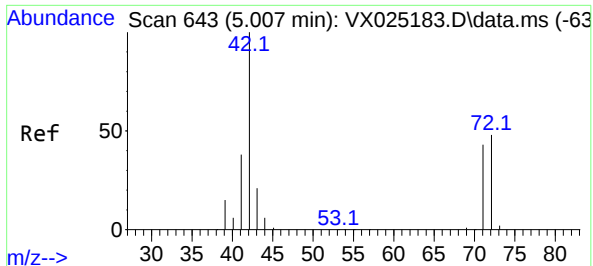
Tgt Ion: 43 Resp: 61393

Ion Ratio Lower Upper

43 100

72 28.4 21.2 31.8





#29

Tetrahydrofuran

Concen: 40.397 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

Instrument :

MSVOA_X

ClientSampleId :

A6879DL

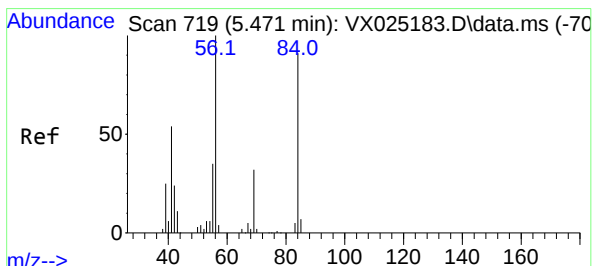
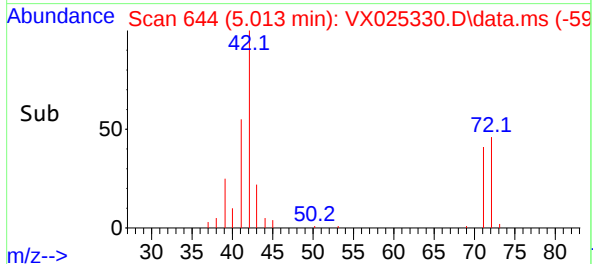
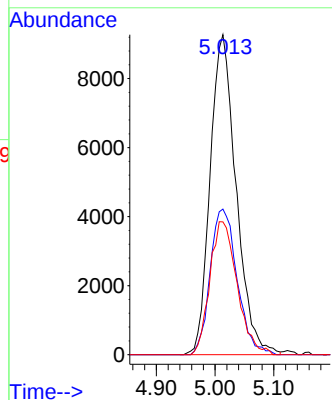
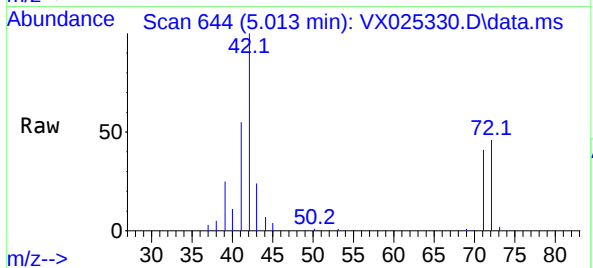
Tgt Ion: 42 Resp: 28492

Ion Ratio Lower Upper

42 100

72 47.3 36.1 54.1

71 43.7 33.7 50.5



#31

Cyclohexane

Concen: 1.113 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

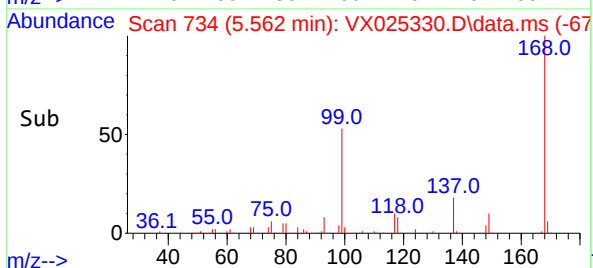
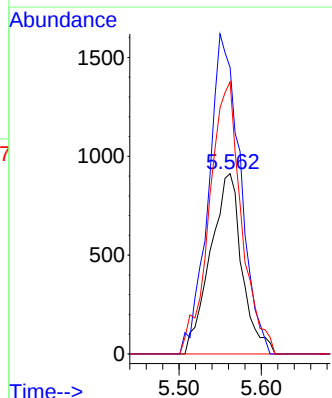
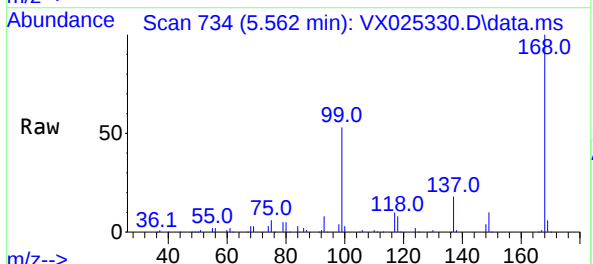
Tgt Ion: 56 Resp: 2439

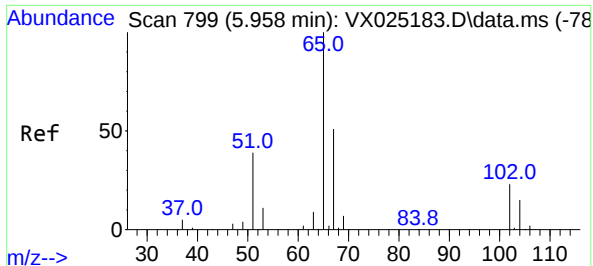
Ion Ratio Lower Upper

56 100

69 158.9 24.2 36.2#

84 151.0 71.5 107.3#

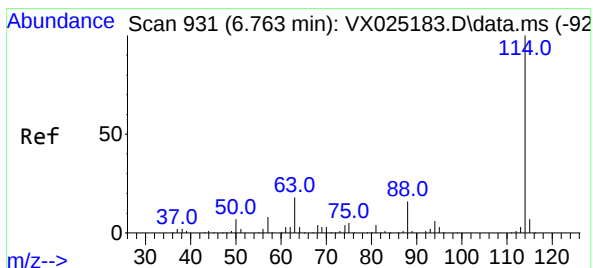
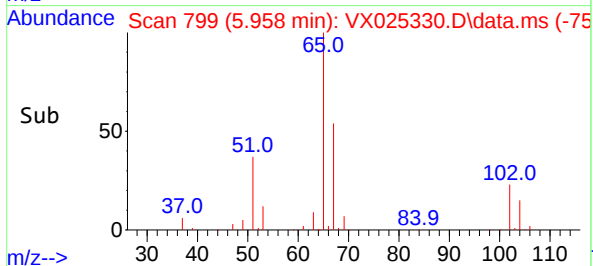
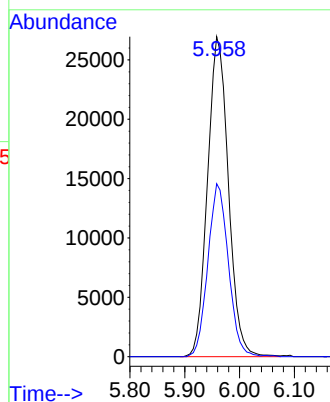
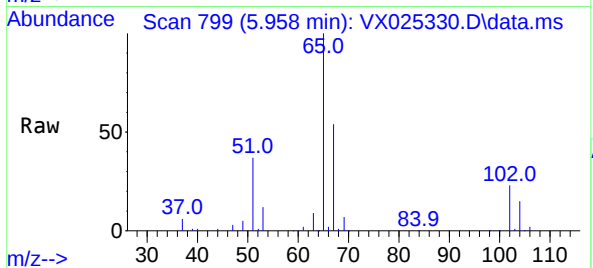




#33
 1,2-Dichloroethane-d4
 Concen: 50.245 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025330.D
 Acq: 24 Nov 2021 16:35

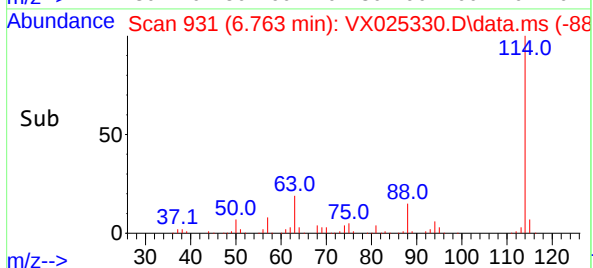
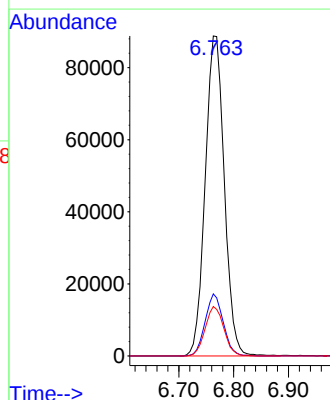
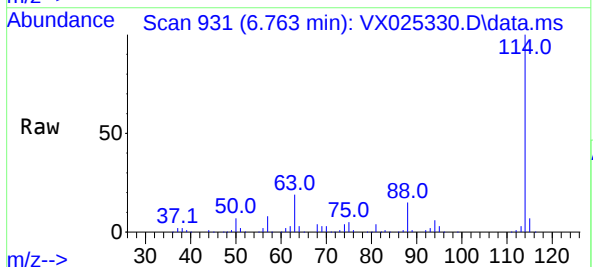
Instrument :
 MSVOA_X
 ClientSampleId :
 A6879DL

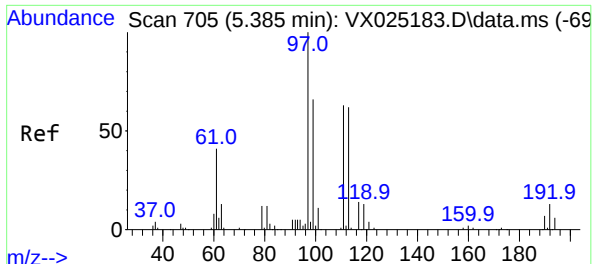
Tgt Ion: 65 Resp: 71243
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025330.D
 Acq: 24 Nov 2021 16:35

Tgt Ion: 114 Resp: 214582
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 41.0
 88 15.5 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.883 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

Instrument :

MSVOA_X

ClientSampleId :

A6879DL

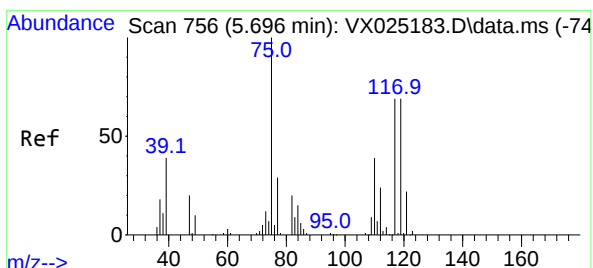
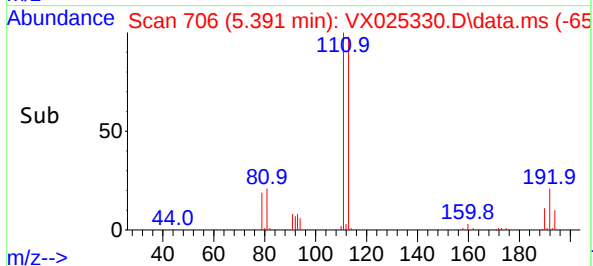
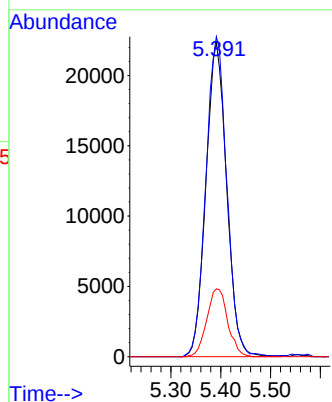
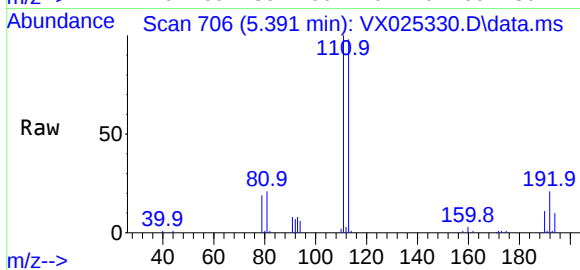
Tgt Ion:113 Resp: 64360

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

192 21.8 15.6 23.4



#36

1,1-Dichloropropene

Concen: 4.836 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

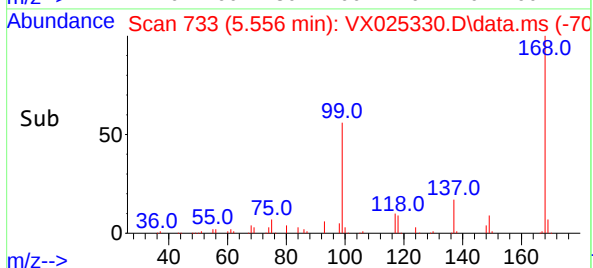
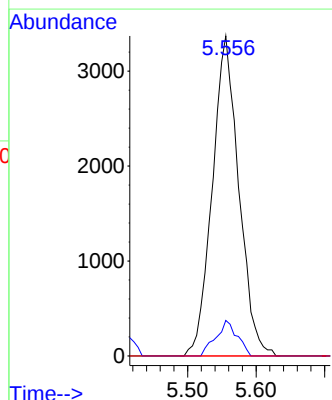
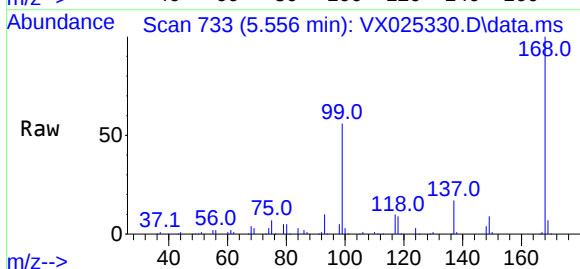
Tgt Ion: 75 Resp: 9053

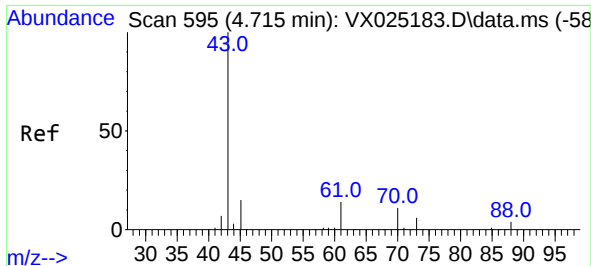
Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.3#

77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 28.822 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.153 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

Instrument :

MSVOA_X

ClientSampleId :

A6879DL

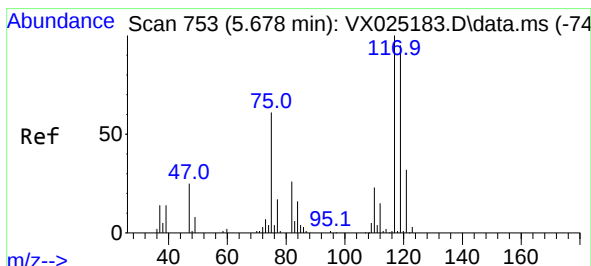
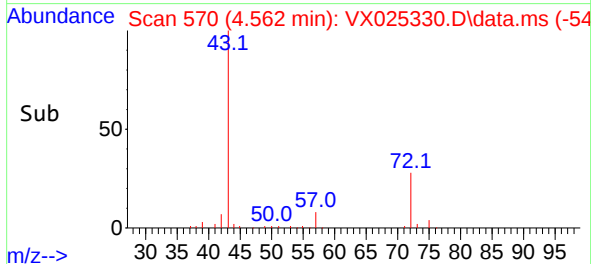
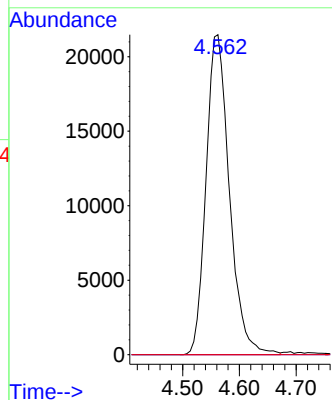
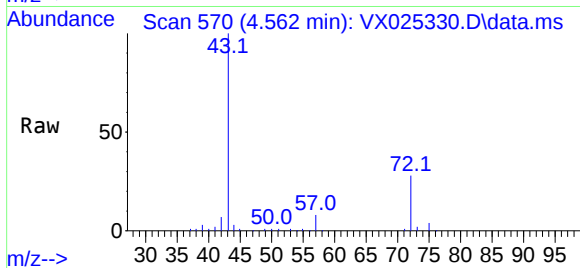
Tgt Ion: 43 Resp: 61393

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

70 0.0 8.6 12.8#



#38

Carbon Tetrachloride

Concen: 6.198 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.116 min

Lab File: VX025330.D

Acq: 24 Nov 2021 16:35

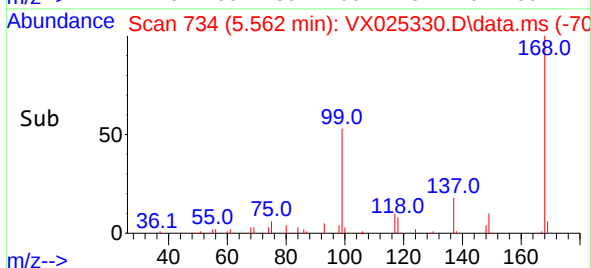
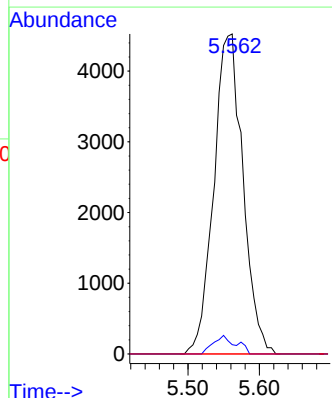
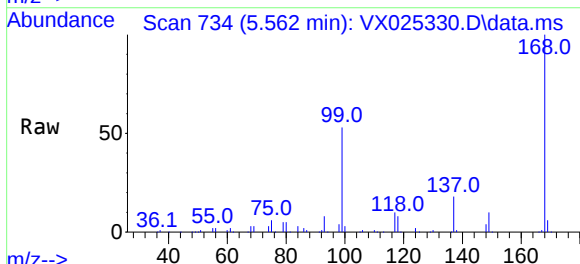
Tgt Ion: 117 Resp: 12780

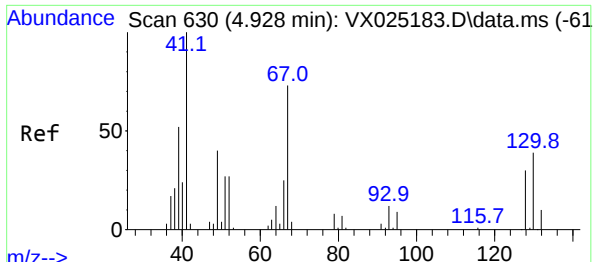
Ion Ratio Lower Upper

117 100

119 2.9 75.6 113.4#

121 0.0 23.7 35.5#

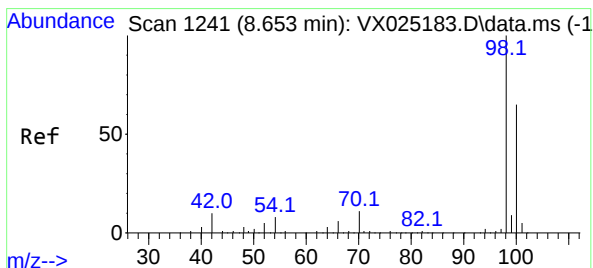
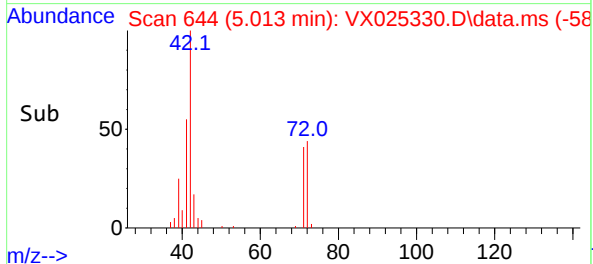
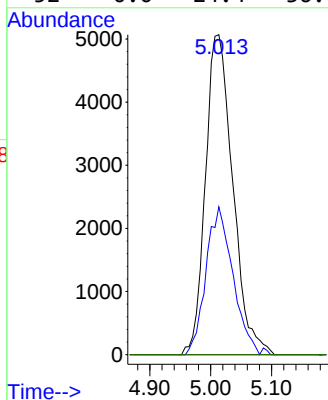
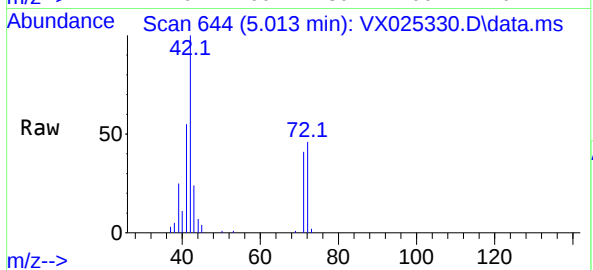




#41
Methacrylonitrile
Concen: 13.372 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.085 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

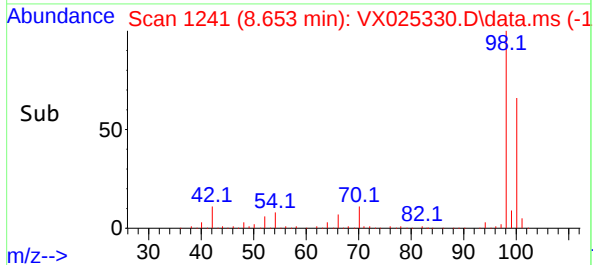
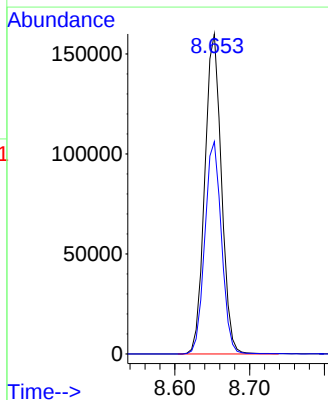
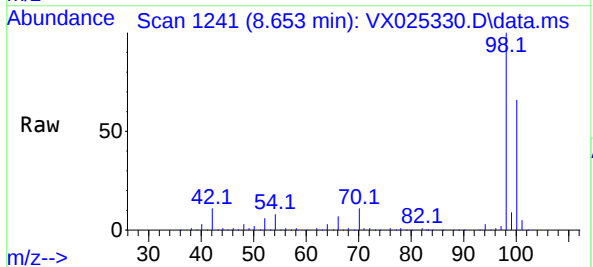
Instrument :
MSVOA_X
ClientSampleId :
A6879DL

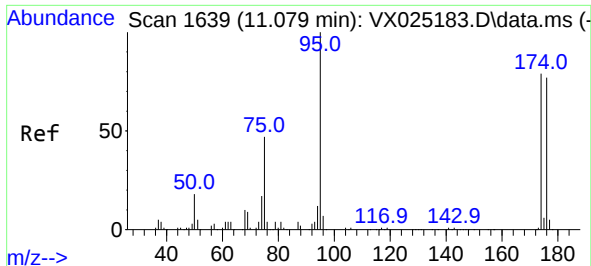
Tgt Ion: 41	Resp: 15809
Ion Ratio	Lower Upper
41 100	
39 45.4	44.6 67.0
67 0.0	56.7 85.1#
52 0.0	24.4 36.6#



#50
Toluene-d8
Concen: 50.020 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Tgt Ion: 98	Resp: 247614
Ion Ratio	Lower Upper
98 100	
100 66.4	51.4 77.0

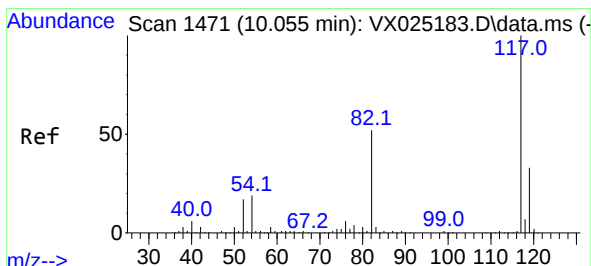
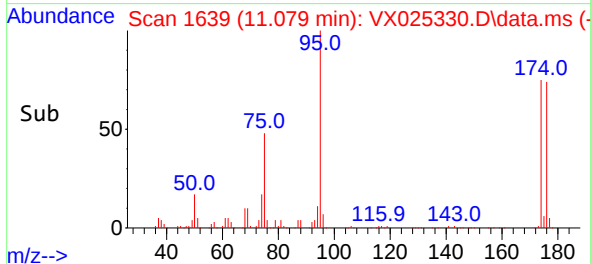
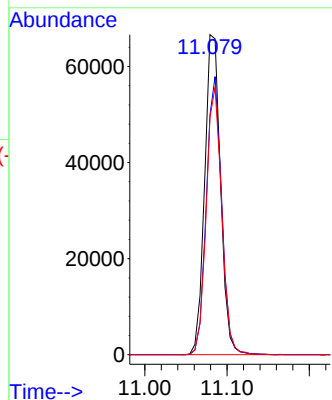
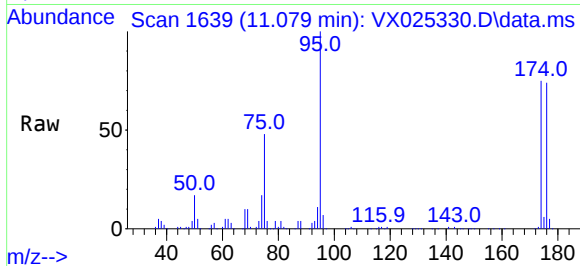




#62
4-Bromofluorobenzene
Concen: 47.678 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

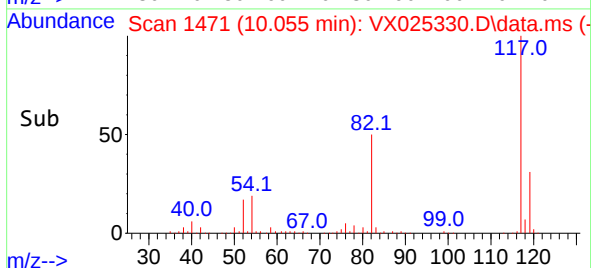
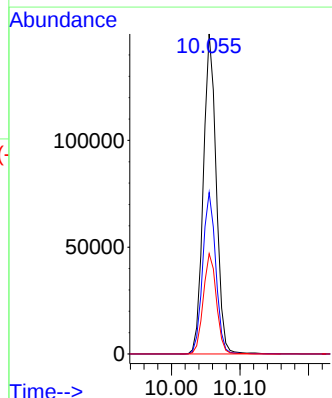
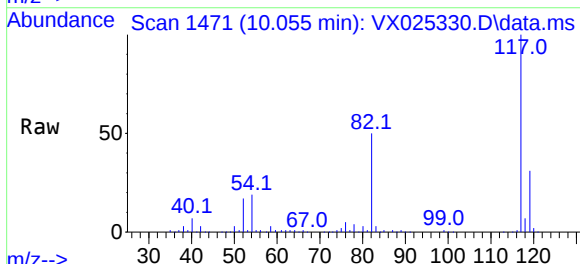
Instrument :
MSVOA_X
ClientSampleId :
A6879DL

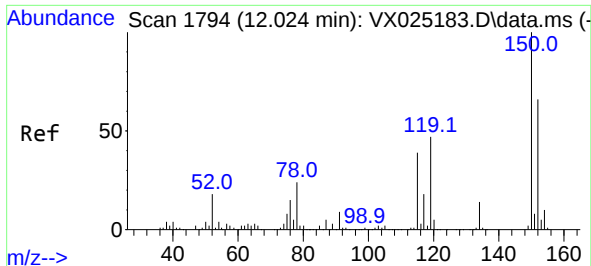
Tgt Ion: 95 Resp: 89289
Ion Ratio Lower Upper
95 100
174 84.0 0.0 158.0
176 81.5 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Tgt Ion: 117 Resp: 196832
Ion Ratio Lower Upper
117 100
82 50.5 44.6 67.0
119 31.4 24.8 37.2

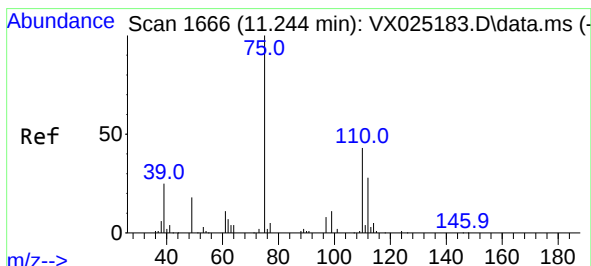
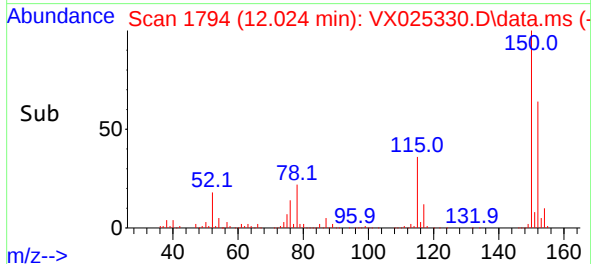
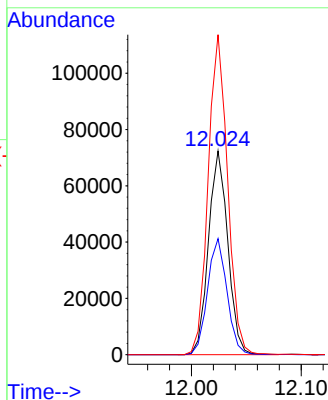
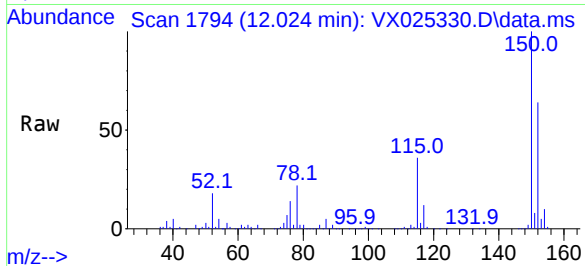




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

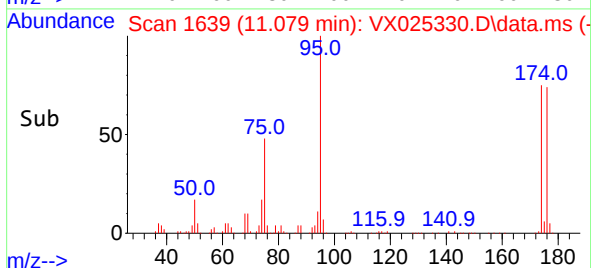
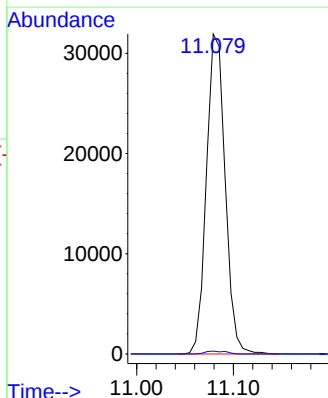
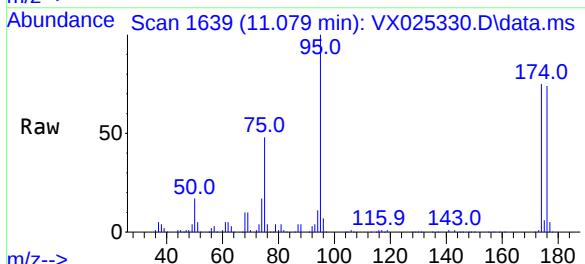
Instrument :
MSVOA_X
ClientSampleId :
A6879DL

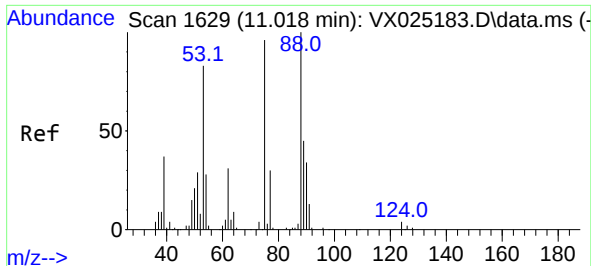
Tgt Ion:152 Resp: 88729
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.8
150 157.9 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 23.622 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Tgt Ion: 75 Resp: 42921
Ion Ratio Lower Upper
75 100
77 1.0 20.0 59.9#

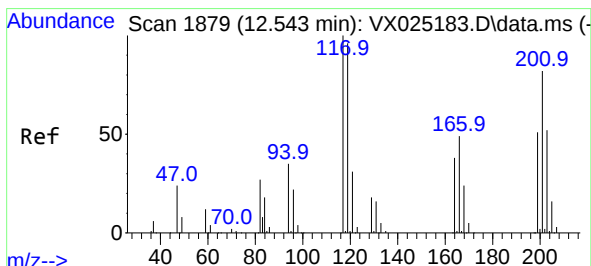
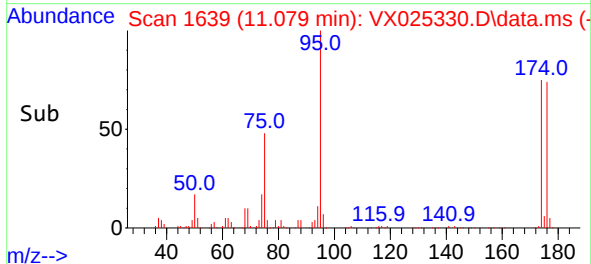
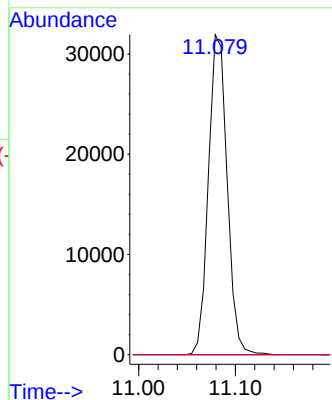
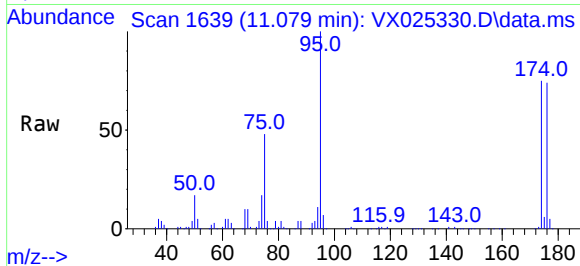




#81
trans-1,4-Dichloro-2-butene
Concen: 59.508 ug/l
RT: 11.079 min Scan# 1105
Delta R.T. 0.061 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

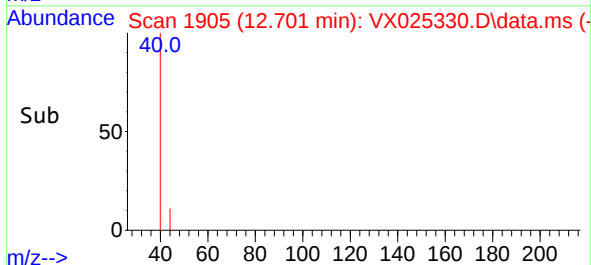
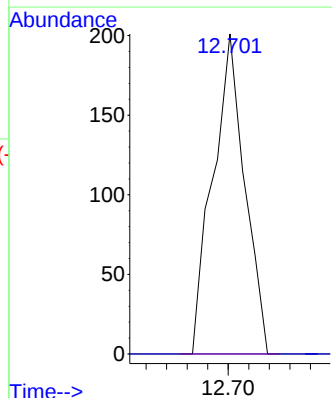
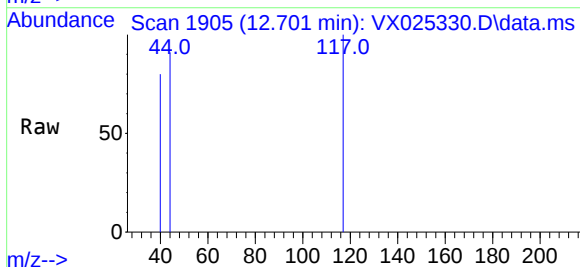
Instrument :
MSVOA_X
ClientSampleId :
A6879DL

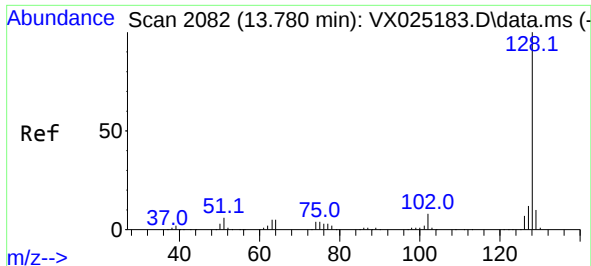
Tgt Ion: 75 Resp: 42921
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#



#90
Hexachloroethane
Concen: 0.208 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.158 min
Lab File: VX025330.D
Acq: 24 Nov 2021 16:35

Tgt Ion: 117 Resp: 216
Ion Ratio Lower Upper
117 100
201 0.0 38.9 116.6#





#95

Naphthalene

Concen: 0.838 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VX025330.D

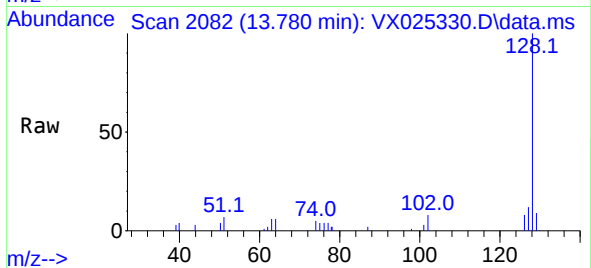
Acq: 24 Nov 2021 16:35

Instrument :

MSVOA_X

ClientSampleId :

A6879DL



Tgt Ion:128 Resp: 7227

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 10.1 8.8 13.2

