

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111822\
 Data File : VX032917.D
 Acq On : 18 Nov 2022 12:10
 Operator : JC/MD
 Sample : VX1118MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118MBL01

Quant Time: Nov 19 03:02:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

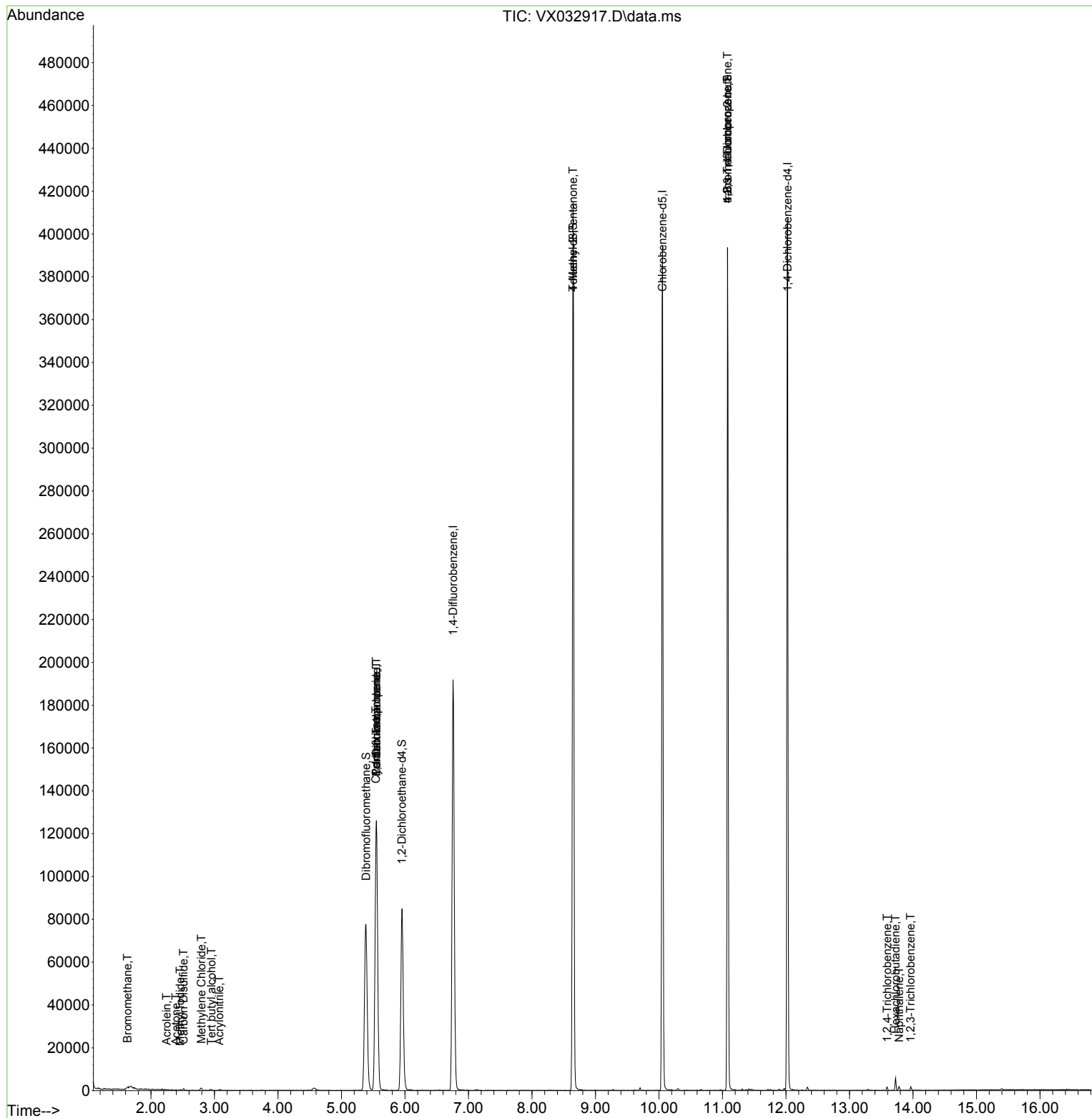
Internal Standards						
1) Pentafluorobenzene	5.550	168	120391	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	197874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83560	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84245	50.362	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.720%			
35) Dibromofluoromethane	5.385	113	68471	48.511	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.020%			
50) Toluene-d8	8.647	98	248575	50.647	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.300%			
62) 4-Bromofluorobenzene	11.079	95	95448	49.786	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.580%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	301	0.291	ug/l #	58
10) Methyl Iodide	2.459	142	241	2.078	ug/l #	37
11) Tert butyl alcohol	2.953	59	294	1.208	ug/l #	72
13) Acrolein	2.246	56	129	0.531	ug/l	99
15) Acrylonitrile	3.075	53	177	0.268	ug/l #	74
16) Acetone	2.392	43	191	0.314	ug/l #	45
17) Carbon Disulfide	2.514	76	887	0.308	ug/l	99
20) Methylene Chloride	2.794	84	414	0.297	ug/l #	71
31) Cyclohexane	5.544	56	2629	1.296	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9122	4.641	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12412	5.694	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1181	0.597	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	51209	27.546	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	51209	87.653	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	511	0.260	ug/l	91
94) Hexachlorobutadiene	13.725	225	894	1.087	ug/l	95
95) Naphthalene	13.780	128	1521	0.232	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	464	0.232	ug/l	74

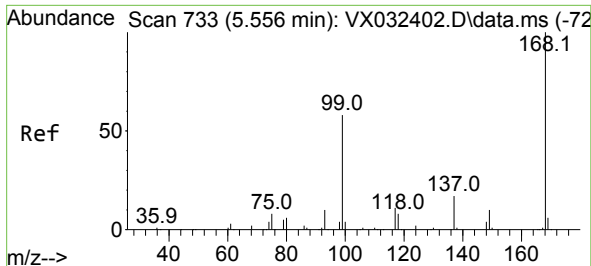
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

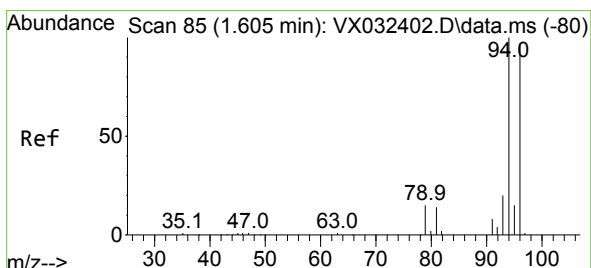
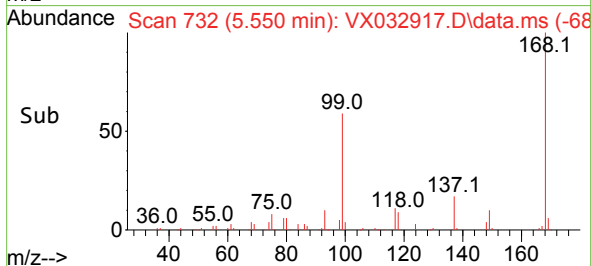
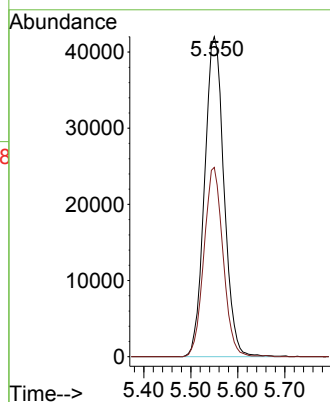
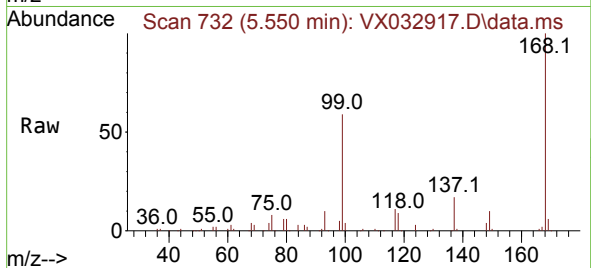




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

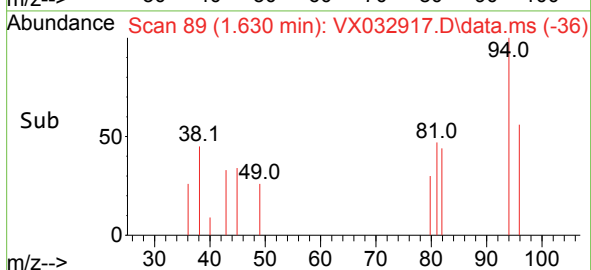
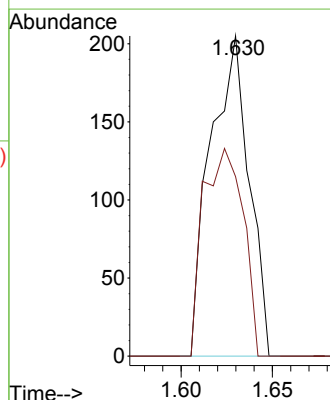
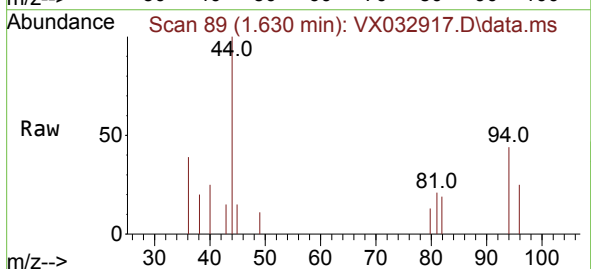
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

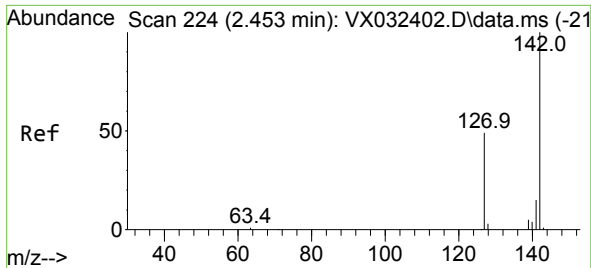
Tgt Ion:168 Resp: 120391
Ion Ratio Lower Upper
168 100
99 59.2 46.1 69.1



#5
Bromomethane
Concen: 0.291 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.025 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Tgt Ion: 94 Resp: 301
Ion Ratio Lower Upper
94 100
96 56.1 77.6 116.4#

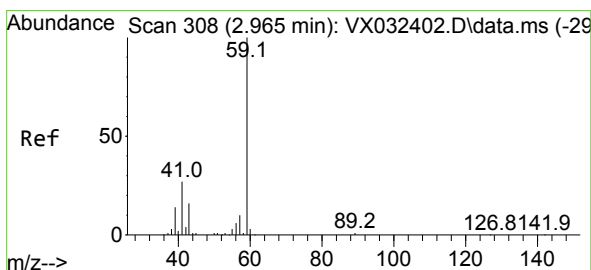
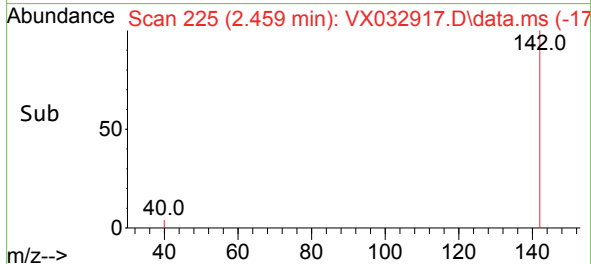
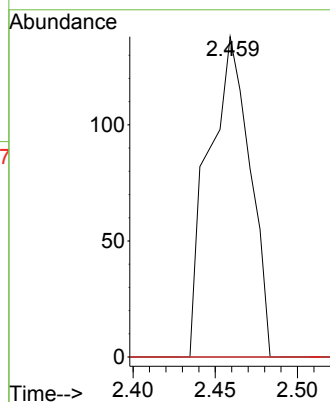
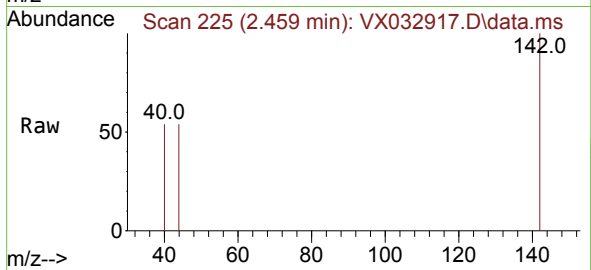




#10
Methyl Iodide
Concen: 2.078 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

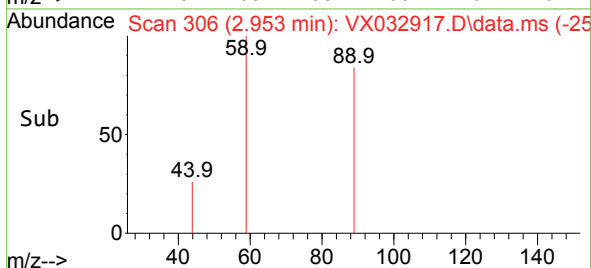
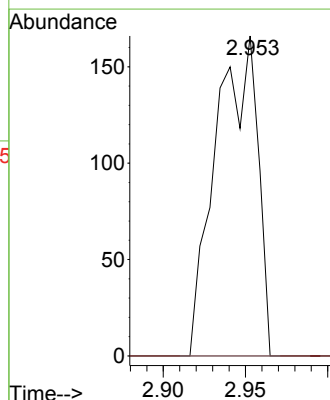
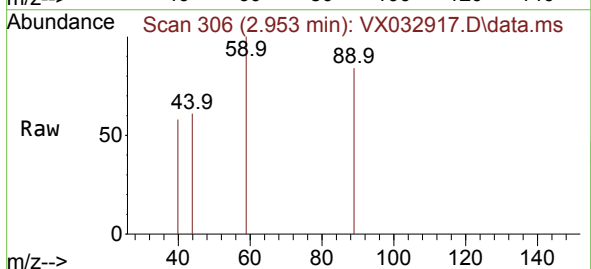
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

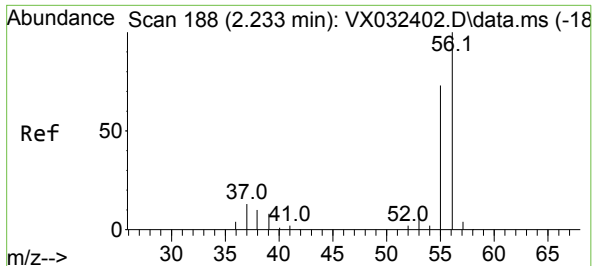
Tgt Ion:142 Resp: 241
Ion Ratio Lower Upper
142 100
127 0.0 38.6 57.8#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.208 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.531 ug/l

RT: 2.246 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

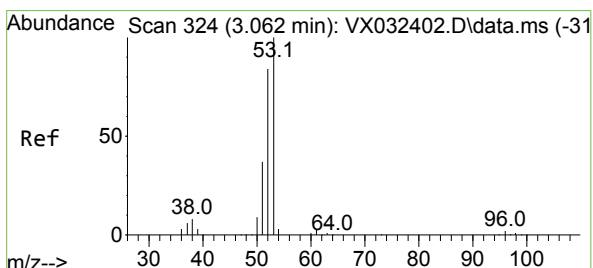
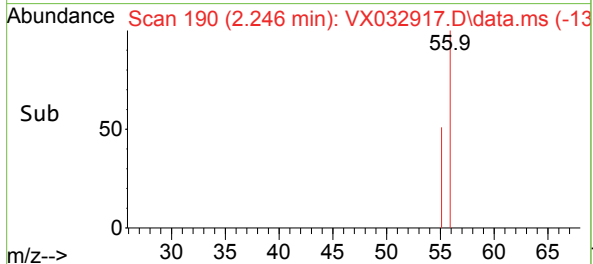
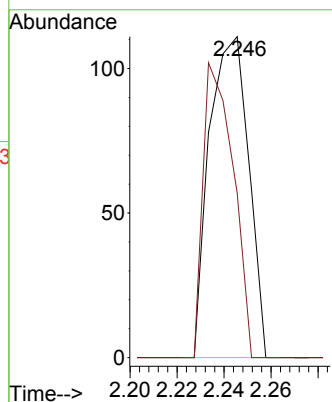
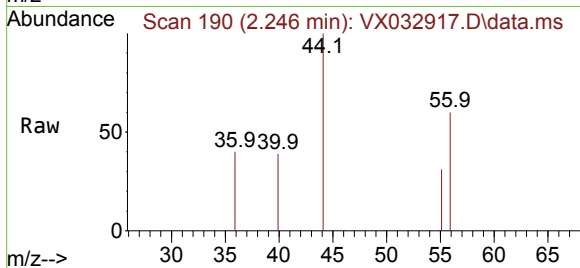
VX1118MBL01

Tgt Ion: 56 Resp: 129

Ion Ratio Lower Upper

56 100

55 70.5 56.9 85.3



#15

Acrylonitrile

Concen: 0.268 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

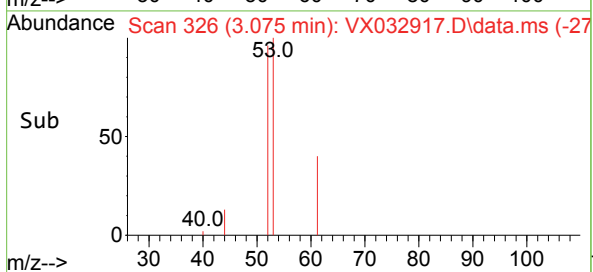
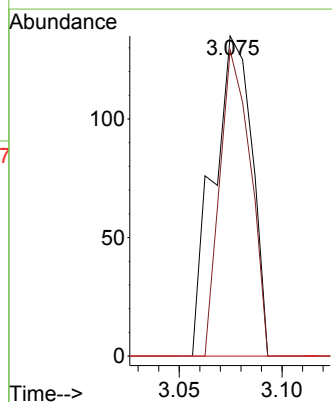
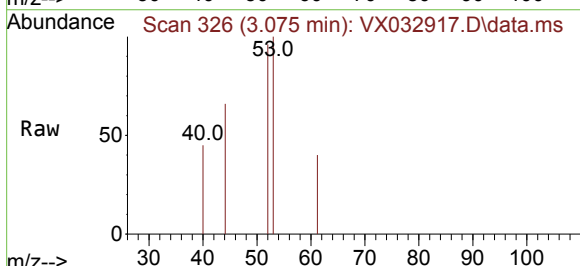
Tgt Ion: 53 Resp: 177

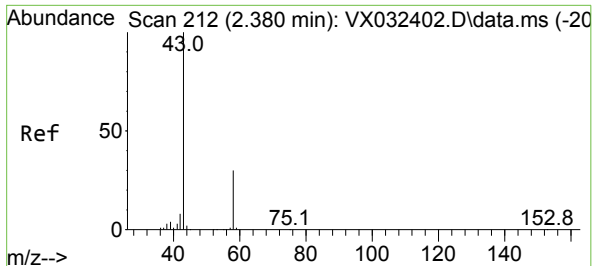
Ion Ratio Lower Upper

53 100

52 75.1 67.4 101.0

51 0.0 30.3 45.5#

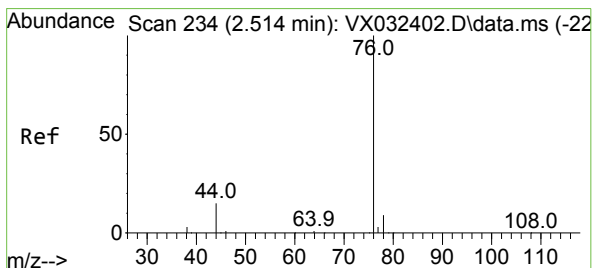
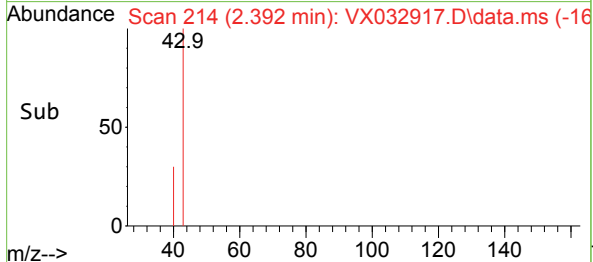
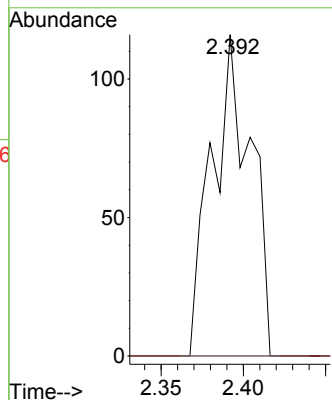
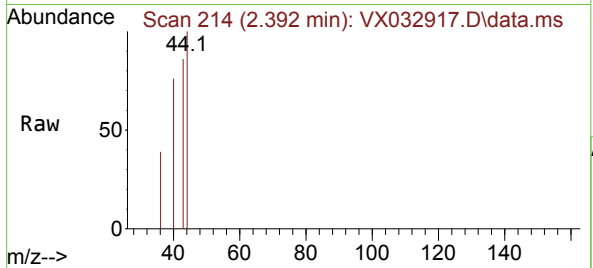




#16
Acetone
Concen: 0.314 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

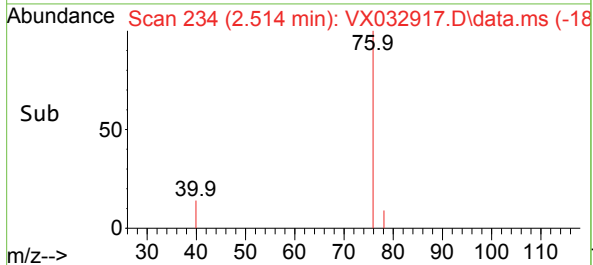
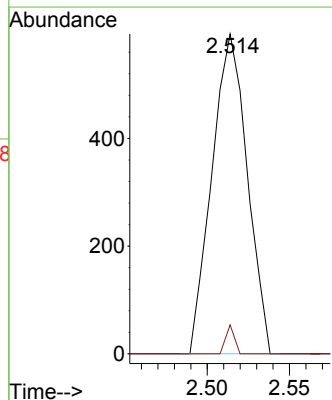
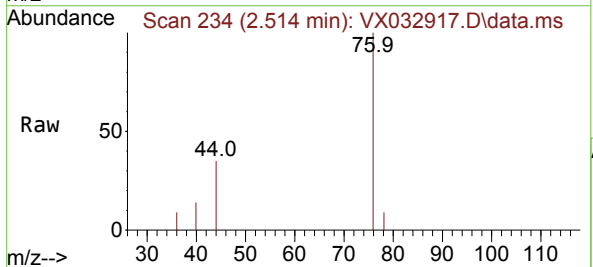
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

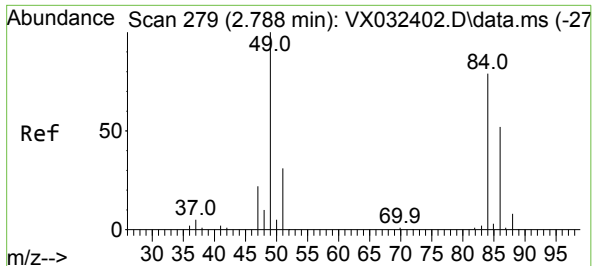
Tgt Ion: 43 Resp: 191
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.308 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Tgt Ion: 76 Resp: 887
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#20

Methylene Chloride

Concen: 0.297 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX1118MBL01

Tgt Ion: 84 Resp: 414

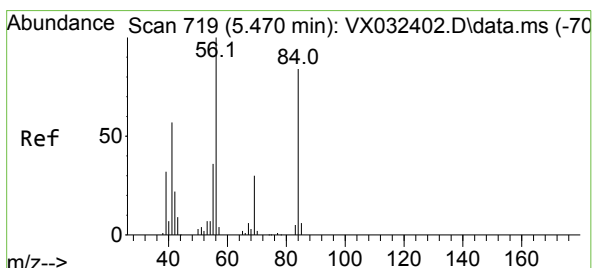
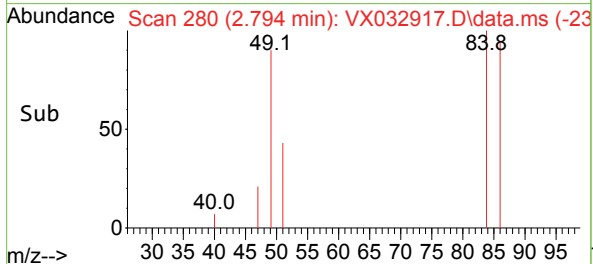
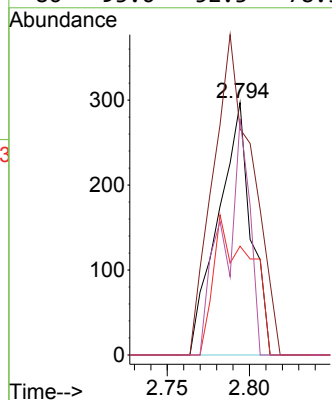
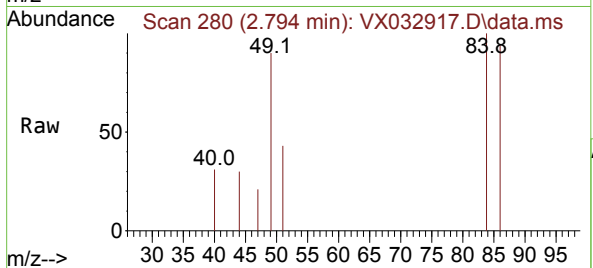
Ion Ratio Lower Upper

84 100

49 89.6 101.0 151.6#

51 43.1 31.1 46.7

86 93.6 52.3 78.5#



#31

Cyclohexane

Concen: 1.296 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

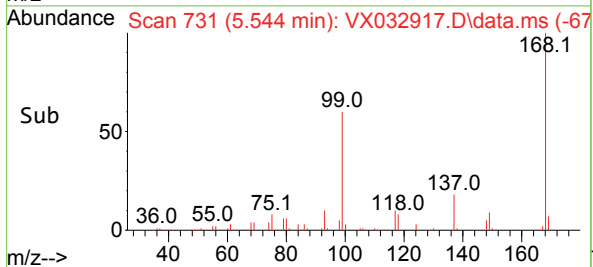
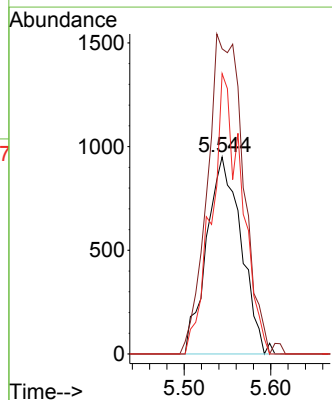
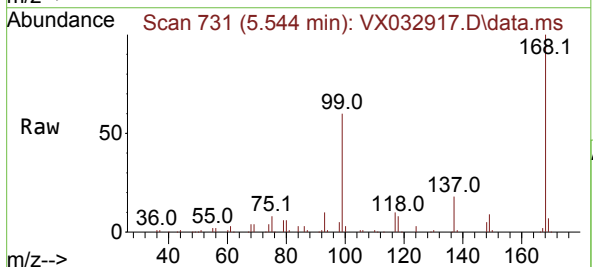
Tgt Ion: 56 Resp: 2629

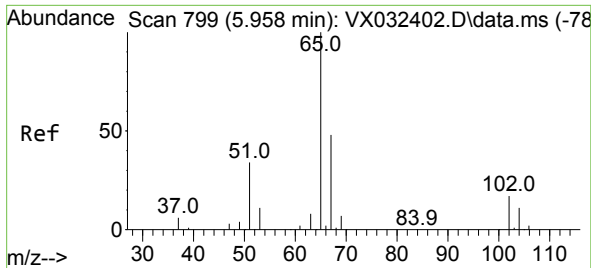
Ion Ratio Lower Upper

56 100

69 154.8 24.1 36.1#

84 142.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 50.362 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

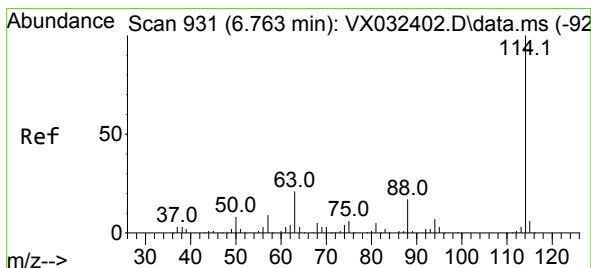
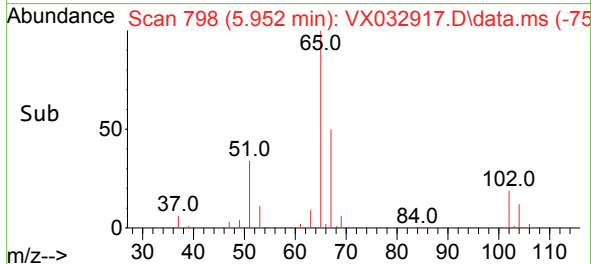
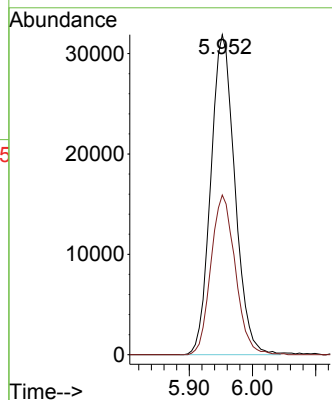
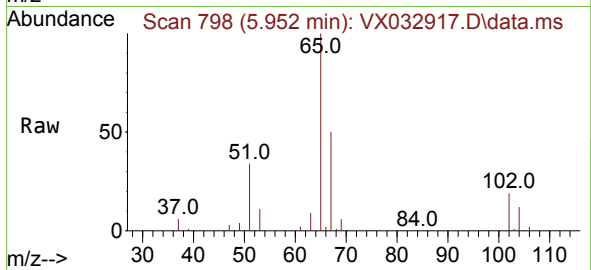
VX1118MBL01

Tgt Ion: 65 Resp: 84245

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

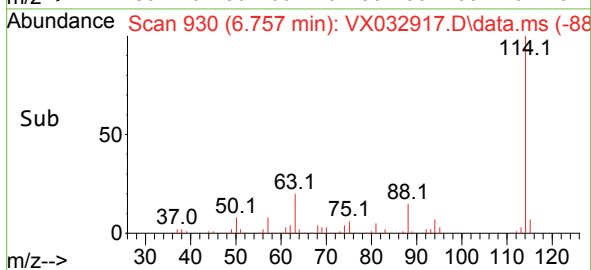
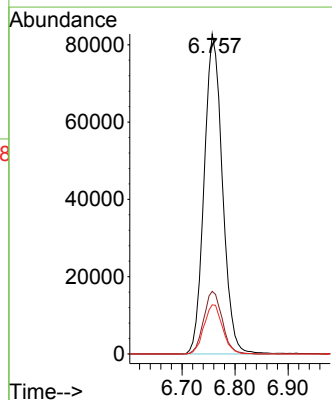
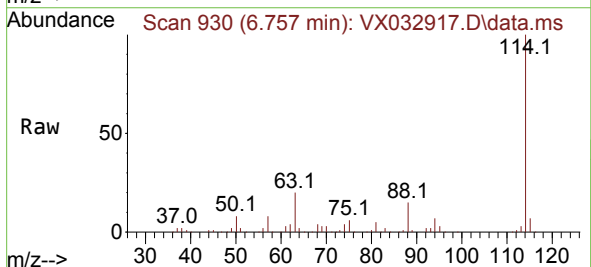
Tgt Ion: 114 Resp: 197874

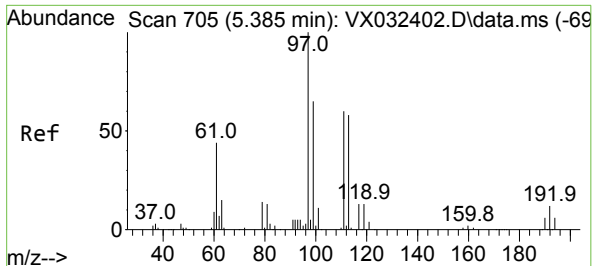
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

88 15.4 0.0 33.4

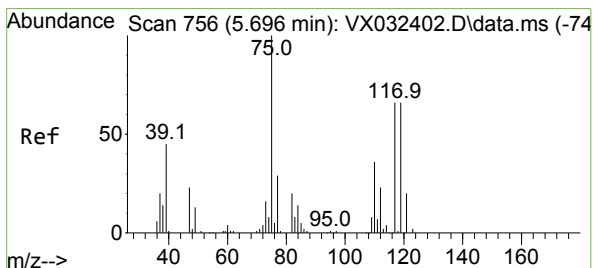
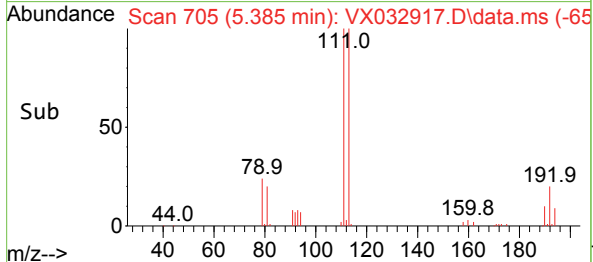
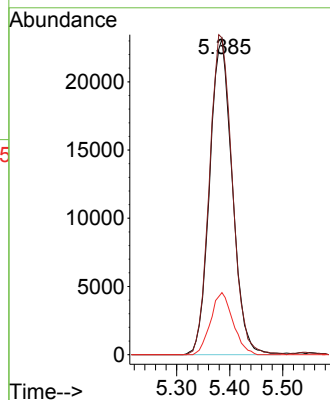
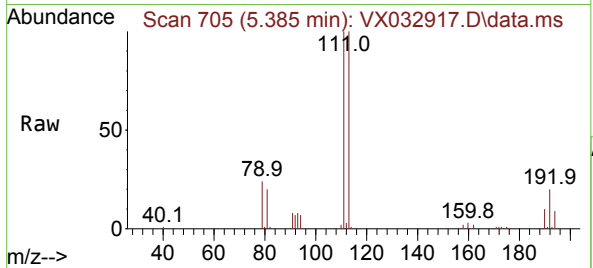




#35
Dibromofluoromethane
Concen: 48.511 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

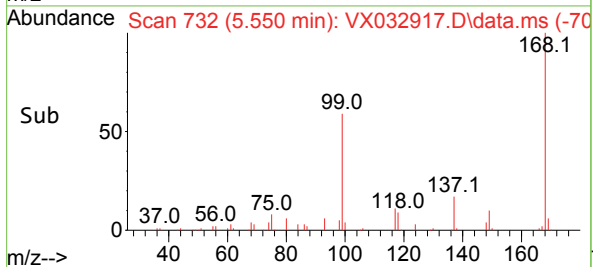
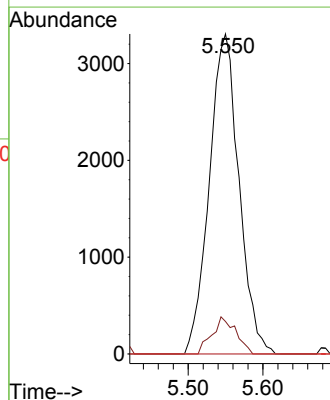
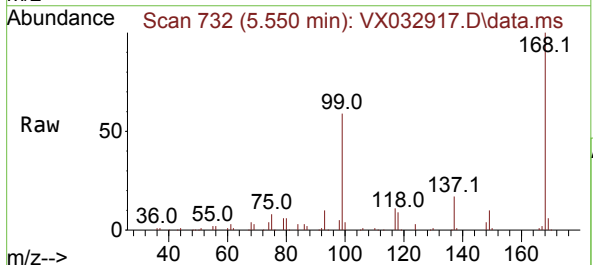
Instrument :
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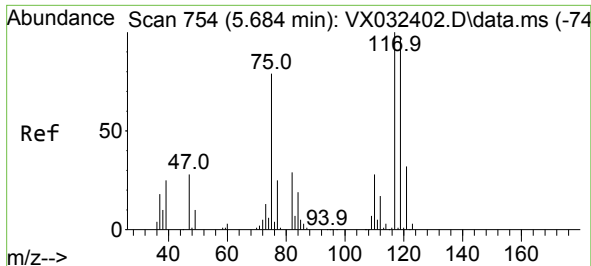
Tgt Ion:113 Resp: 68471
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 19.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.641 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

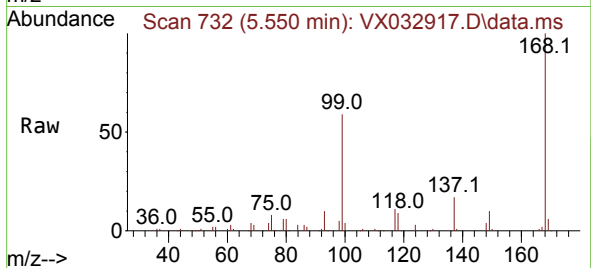
Tgt Ion: 75 Resp: 9122
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



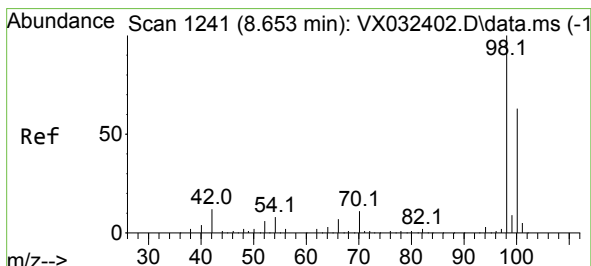
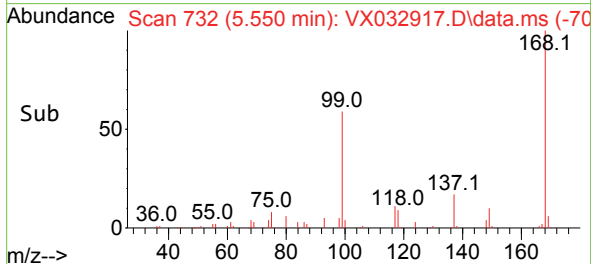
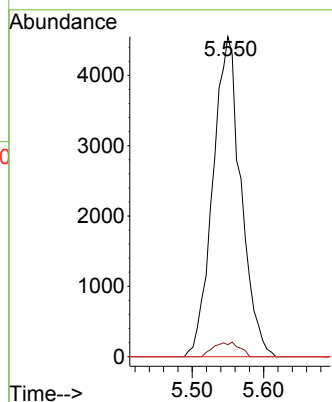


#38
Carbon Tetrachloride
Concen: 5.694 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

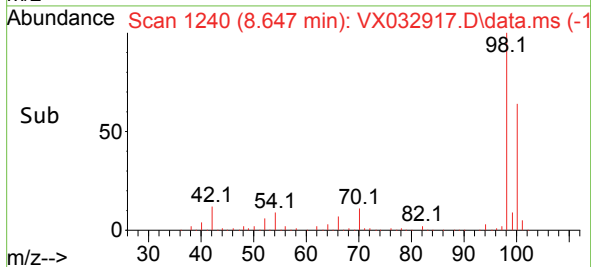
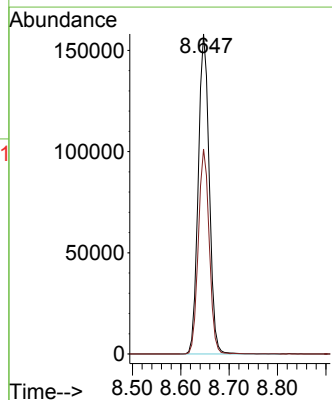
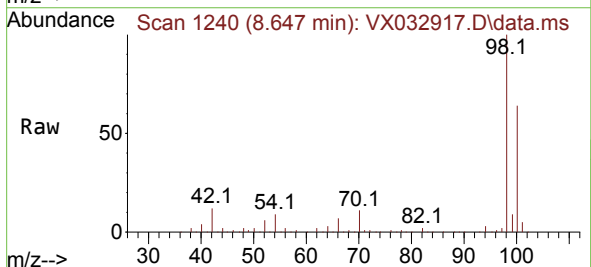


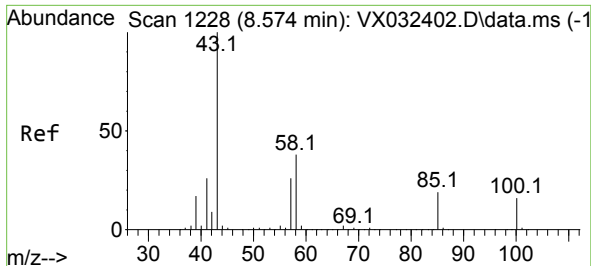
Tgt Ion:117 Resp: 12412
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.647 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Tgt Ion: 98 Resp: 248575
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 0.597 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

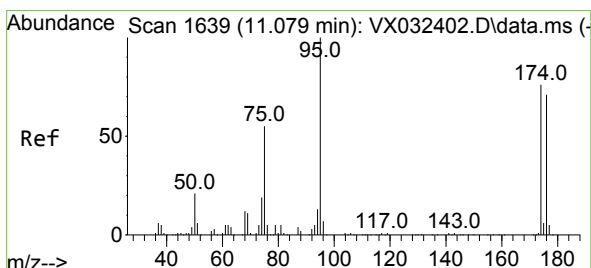
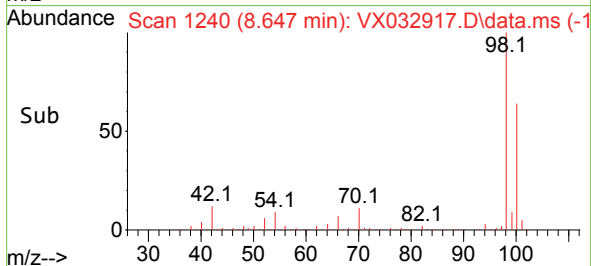
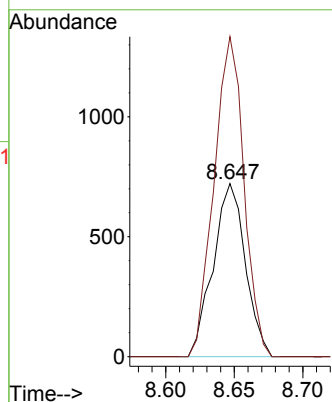
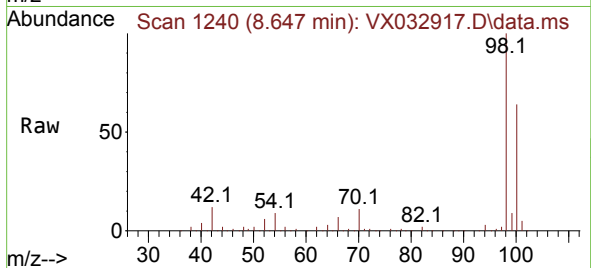
VX1118MBL01

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

43 100

58 171.7 30.9 46.3#



#62

4-Bromofluorobenzene

Concen: 49.786 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032917.D

Acq: 18 Nov 2022 12:10

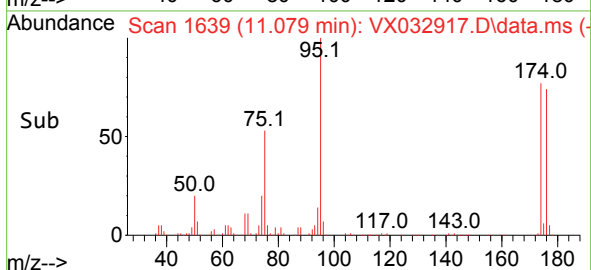
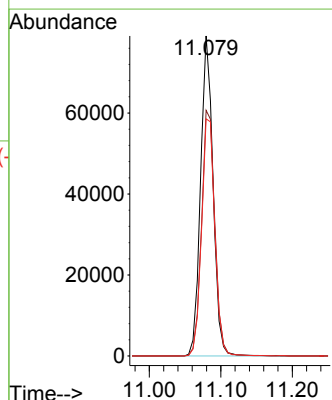
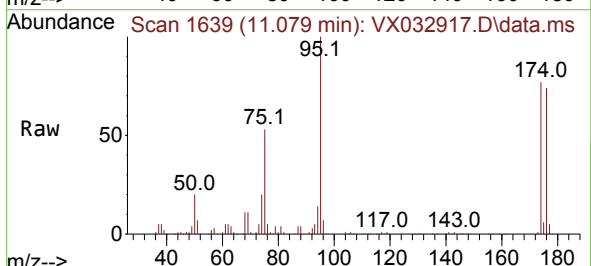
Tgt Ion: 95 Resp: 95448

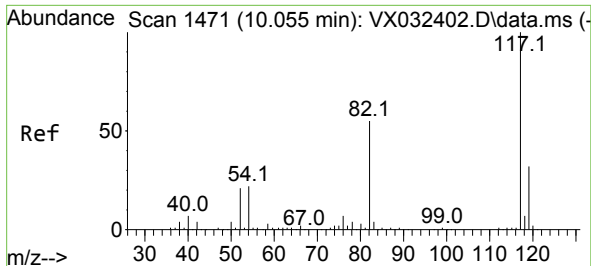
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 79.4 0.0 154.4

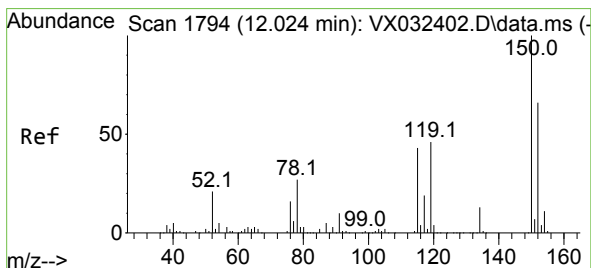
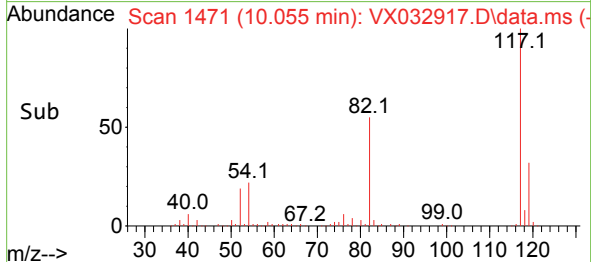
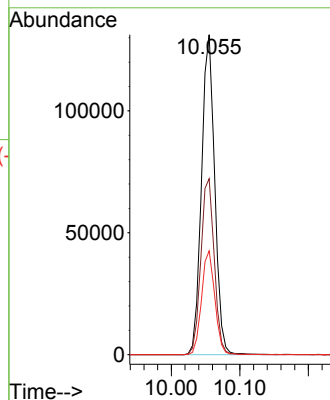
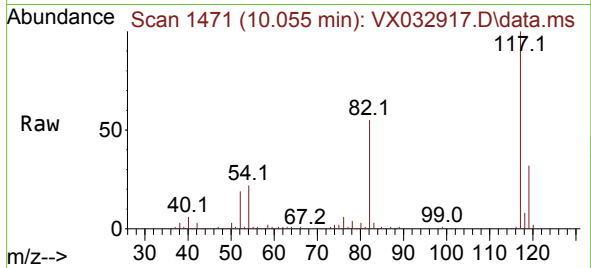




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

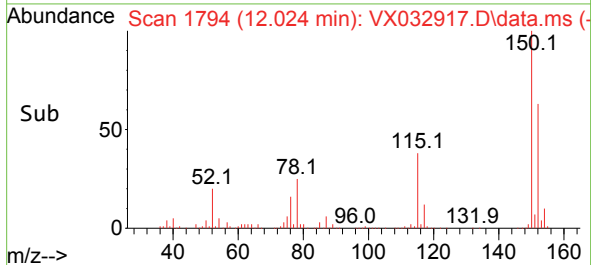
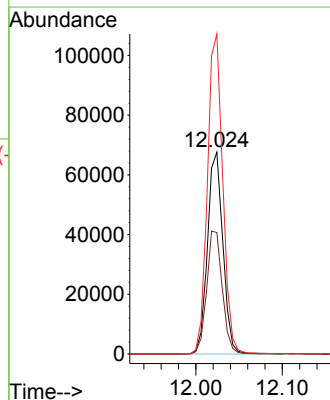
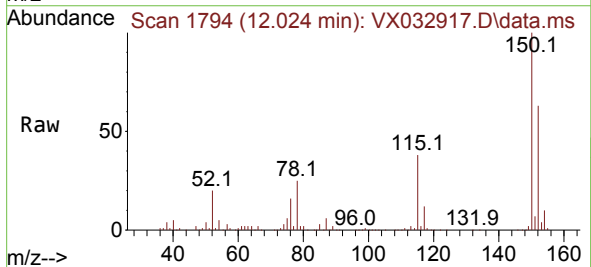
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

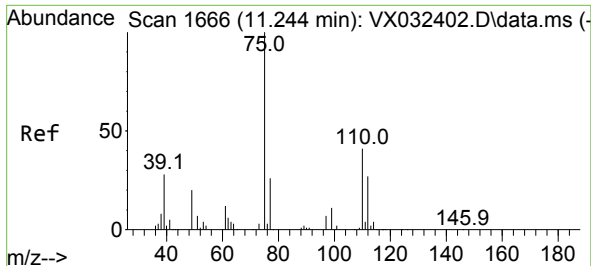
Tgt Ion:117 Resp: 176426
Ion Ratio Lower Upper
117 100
82 55.0 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Tgt Ion:152 Resp: 83560
Ion Ratio Lower Upper
152 100
115 61.6 44.0 132.0
150 157.9 0.0 351.8

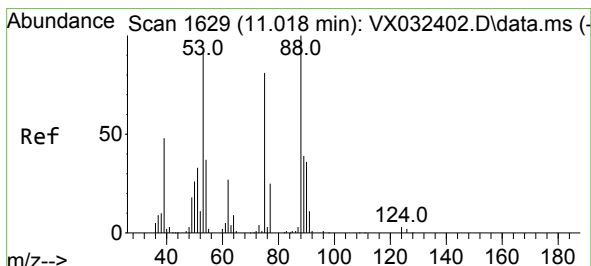
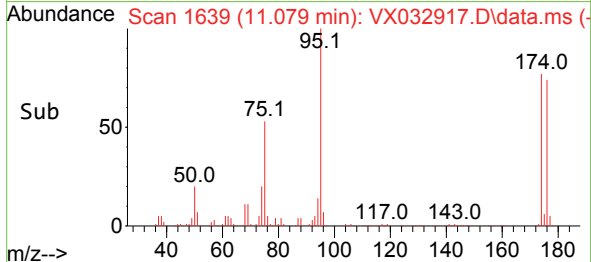
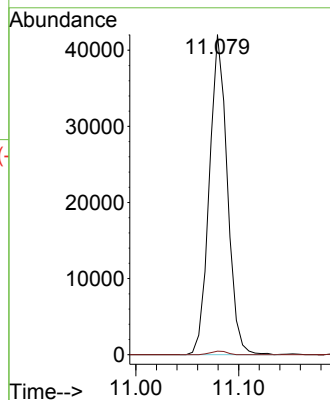
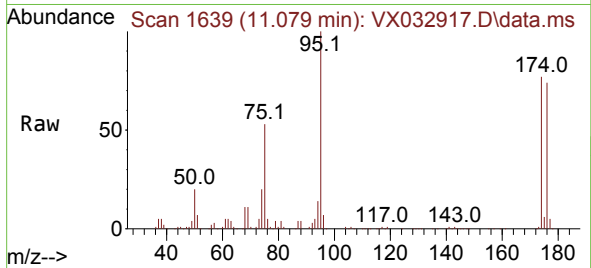




#76
1,2,3-Trichloropropane
Concen: 27.546 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

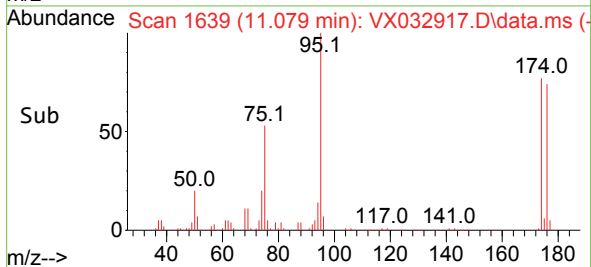
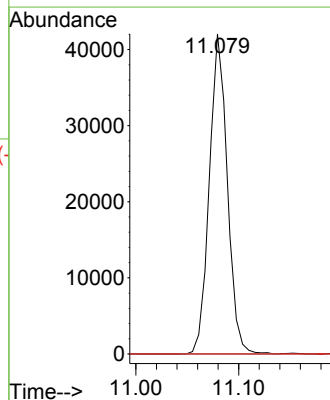
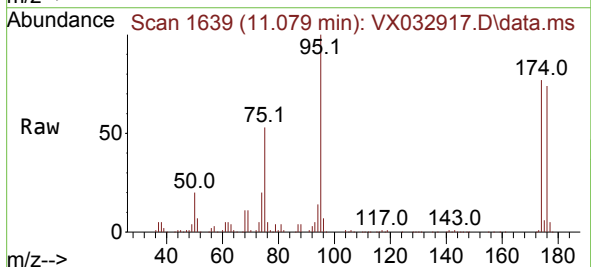
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

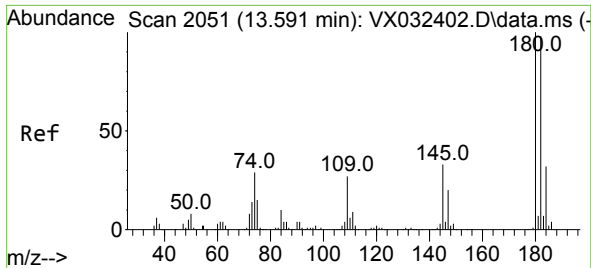
Tgt Ion: 75 Resp: 51209
Ion Ratio Lower Upper
75 100
77 1.0 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.653 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

Tgt Ion: 75 Resp: 51209
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

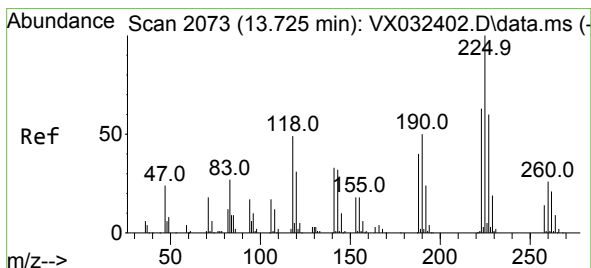
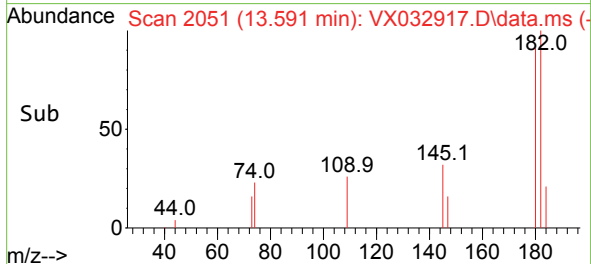
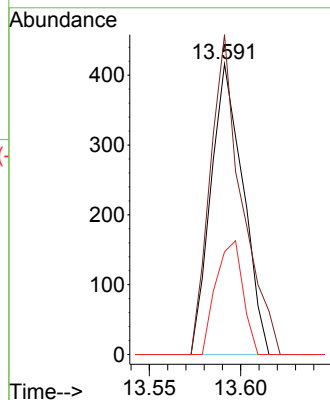
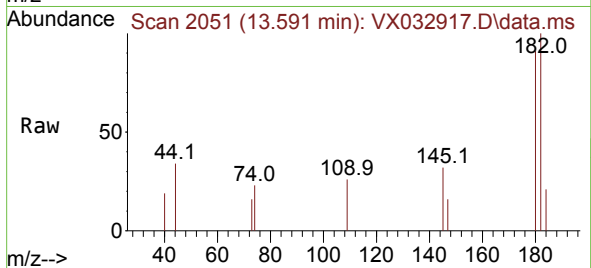




#93
1,2,4-Trichlorobenzene
Concen: 0.260 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

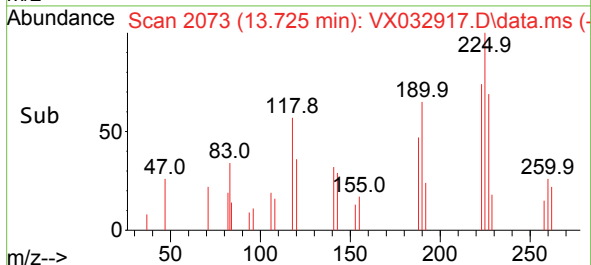
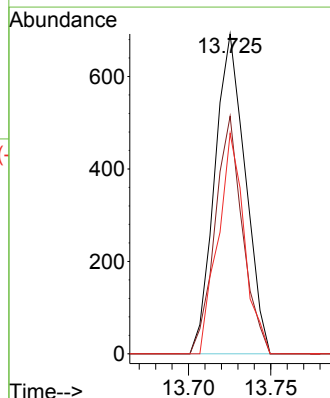
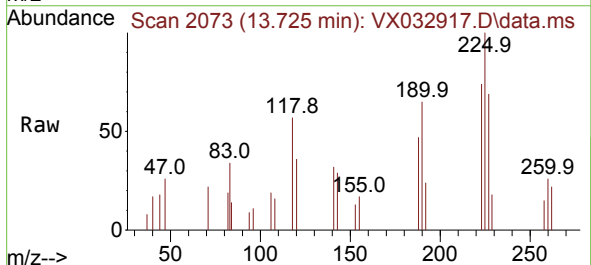
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01

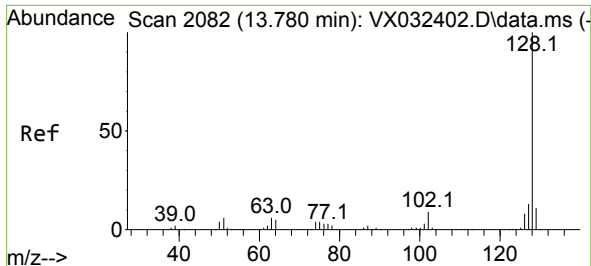
Tgt Ion:180 Resp: 511
Ion Ratio Lower Upper
180 100
182 108.0 48.4 145.0
145 32.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 1.087 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

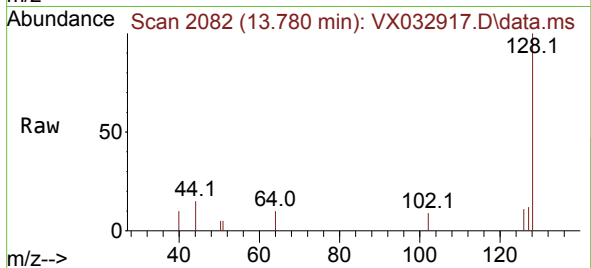
Tgt Ion:225 Resp: 894
Ion Ratio Lower Upper
225 100
223 67.0 31.9 95.9
227 59.4 31.9 95.5



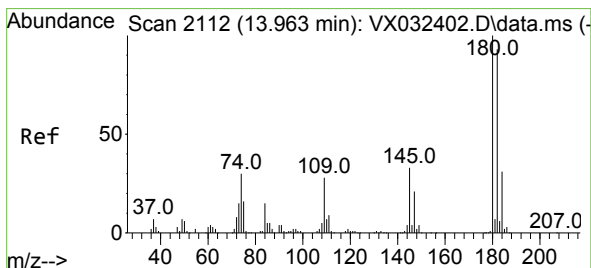
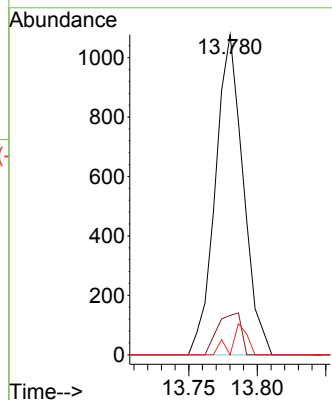
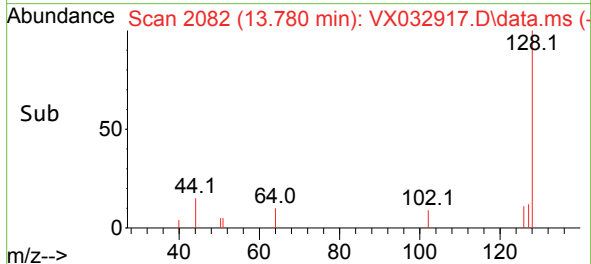


#95
Naphthalene
Concen: 0.232 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10

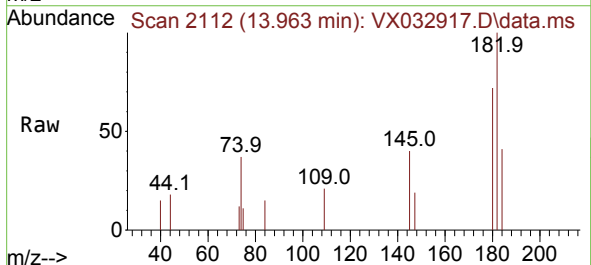
Instrument :
MSVOA_X
ClientSampleId :
VX1118MBL01



Tgt Ion:128 Resp: 1521
Ion Ratio Lower Upper
128 100
127 10.9 10.2 15.4
129 5.5 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.232 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX032917.D
Acq: 18 Nov 2022 12:10



Tgt Ion:180 Resp: 464
Ion Ratio Lower Upper
180 100
182 120.5 47.5 142.6
145 47.8 16.9 50.6

