

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110122\
 Data File : VX032502.D
 Acq On : 01 Nov 2022 10:52
 Operator : JC/MD
 Sample : VX1101MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101MBL01

Quant Time: Nov 02 05:25:23 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)

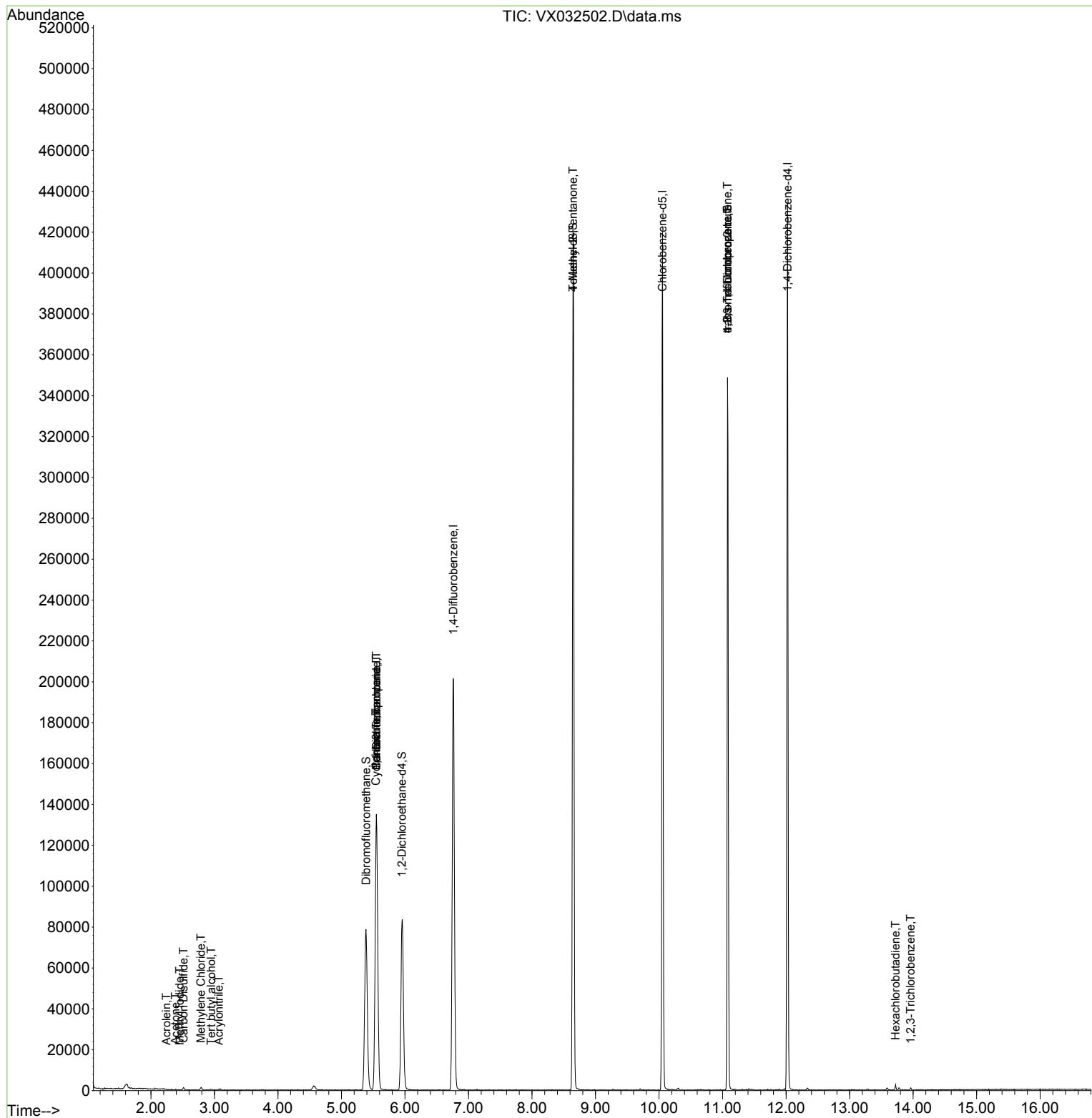
Internal Standards						
1) Pentafluorobenzene	5.550	168	125904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206898	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85474	48.859	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.720%		
35) Dibromofluoromethane	5.385	113	67542	45.766	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.540%		
50) Toluene-d8	8.647	98	245981	47.933	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.860%		
62) 4-Bromofluorobenzene	11.079	95	86575	43.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.380%		
Target Compounds						Qvalue
10) Methyl Iodide	2.453	142	126	1.997	ug/l #	37
11) Tert butyl alcohol	2.946	59	254	0.998	ug/l #	72
13) Acrolein	2.239	56	76	0.299	ug/l #	54
15) Acrylonitrile	3.068	53	245	0.355	ug/l #	77
16) Acetone	2.386	43	278	0.437	ug/l #	45
17) Carbon Disulfide	2.514	76	1296	0.431	ug/l	98
20) Methylene Chloride	2.788	84	628	0.431	ug/l #	91
31) Cyclohexane	5.544	56	2683	1.265	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	10142	4.935	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12843	5.634	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	1221	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	48040	24.471	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48040	77.869	ug/l #	6
94) Hexachlorobutadiene	13.725	225	401	0.462	ug/l	89
96) 1,2,3-Trichlorobenzene	13.963	180	424	0.201	ug/l	83

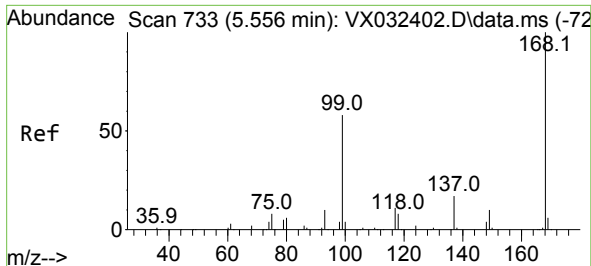
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

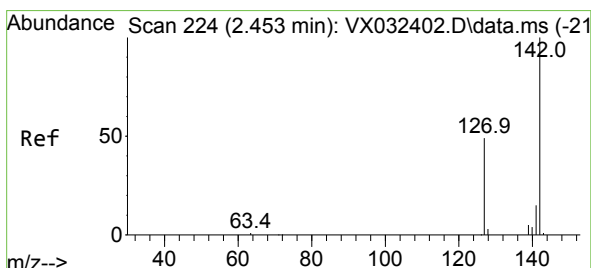
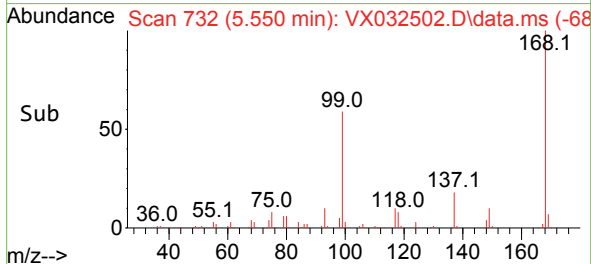
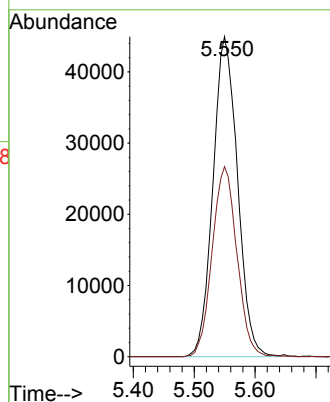
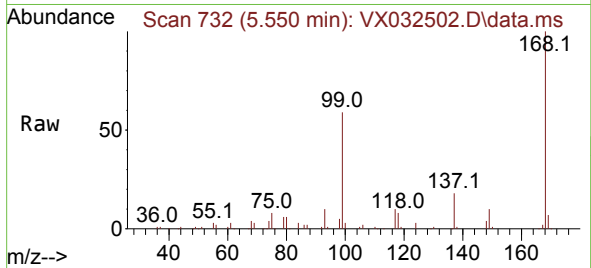




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

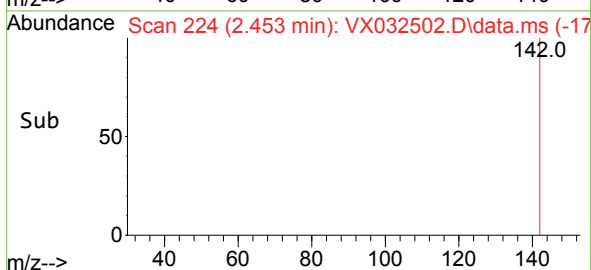
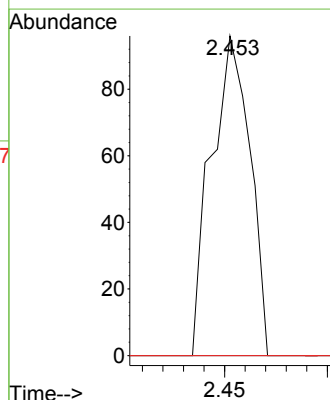
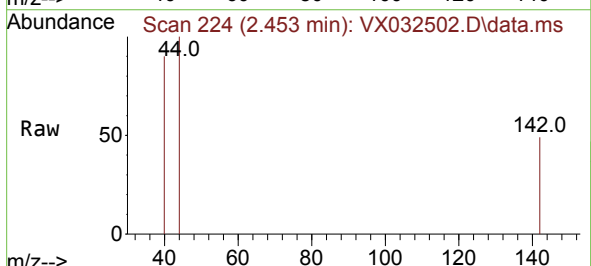
Instrument :
MSVOA_X
ClientSampleId :
VX1101MBL01

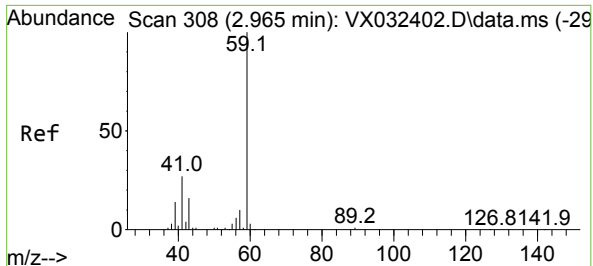
Tgt Ion:168 Resp: 125904
Ion Ratio Lower Upper
168 100
99 59.4 46.1 69.1



#10
Methyl Iodide
Concen: 1.997 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion:142 Resp: 126
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: 0.998 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX032502.D

Acq: 01 Nov 2022 10:52

Instrument :

MSVOA_X

ClientSampleId :

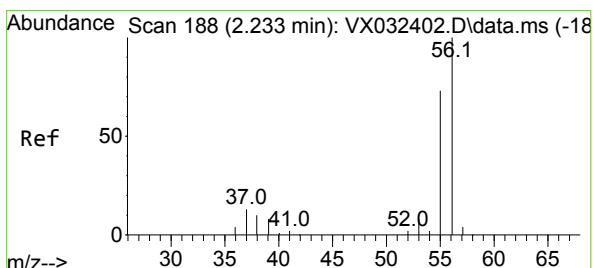
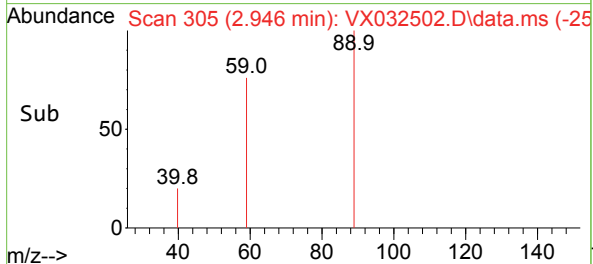
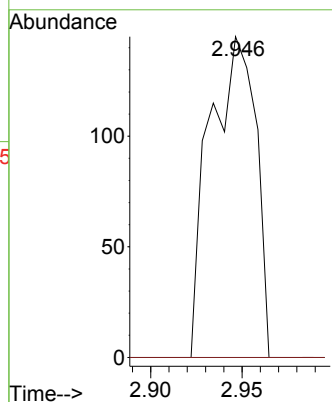
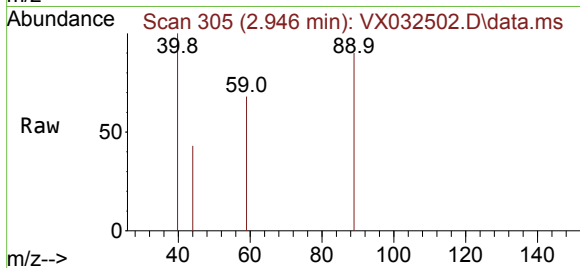
VX1101MBL01

Tgt Ion: 59 Resp: 254

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#13

Acrolein

Concen: 0.299 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX032502.D

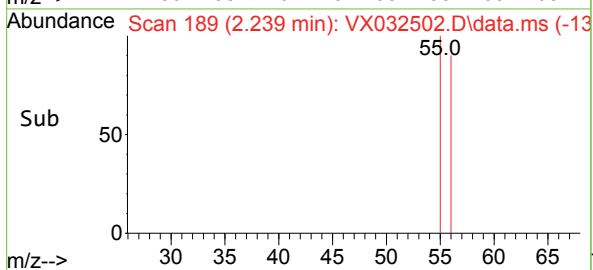
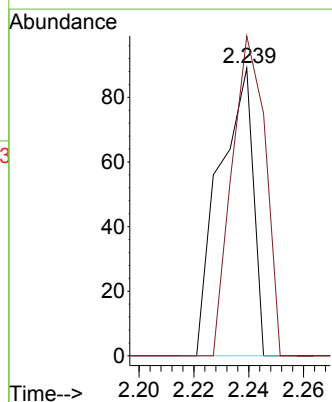
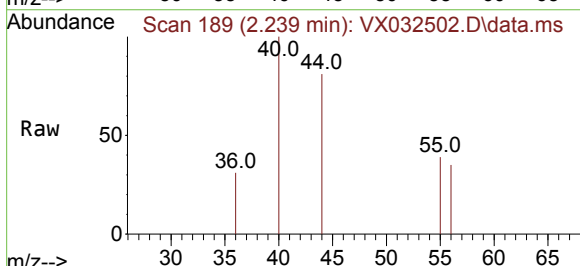
Acq: 01 Nov 2022 10:52

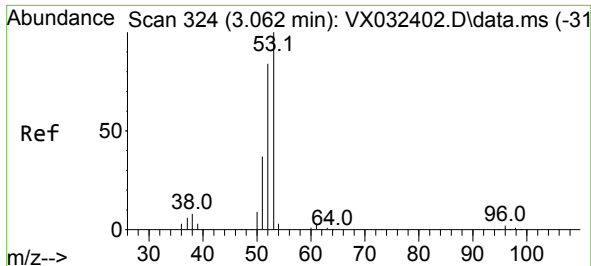
Tgt Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 109.2 56.9 85.3#

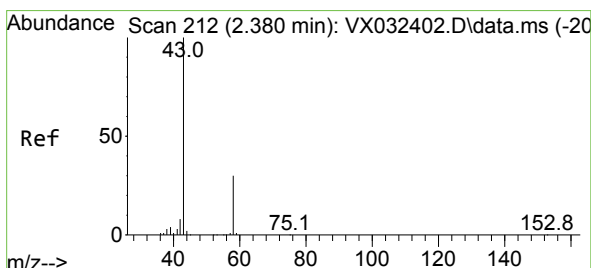
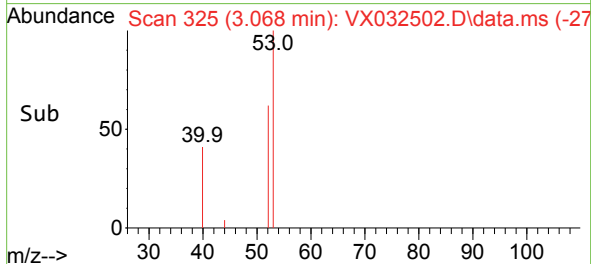
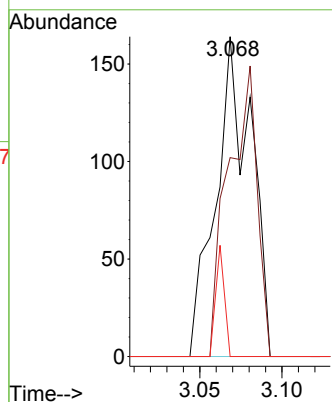
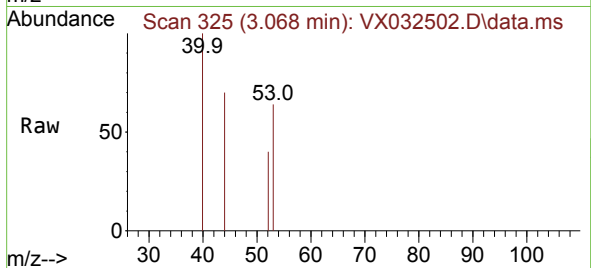




#15
Acrylonitrile
Concen: 0.355 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

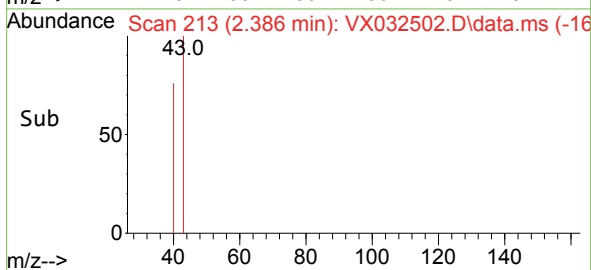
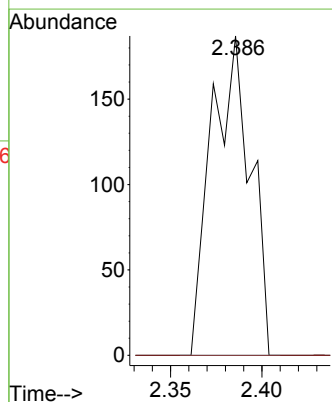
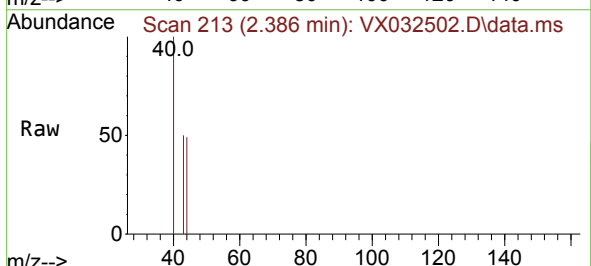
Instrument :
MSVOA_X
ClientSampleId :
VX1101MBL01

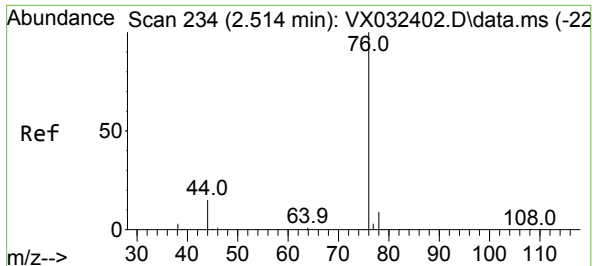
Tgt Ion: 53 Resp: 245
Ion Ratio Lower Upper
53 100
52 73.9 67.4 101.0
51 8.6 30.3 45.5#



#16
Acetone
Concen: 0.437 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.431 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032502.D

Acq: 01 Nov 2022 10:52

Instrument :

MSVOA_X

ClientSampleId :

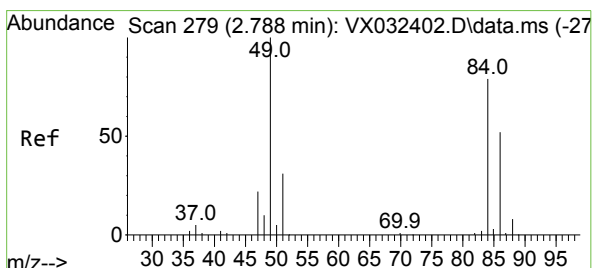
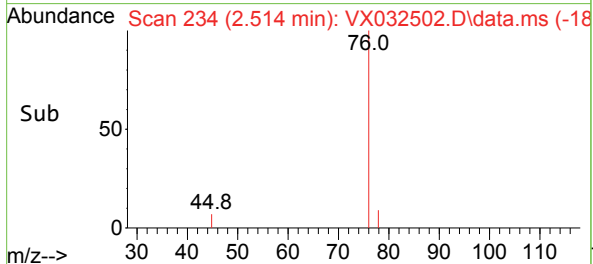
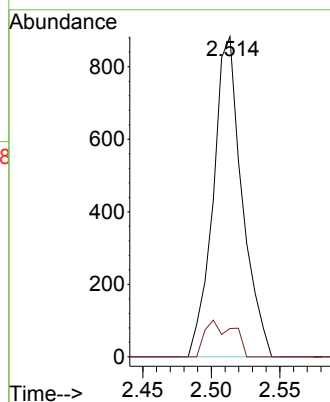
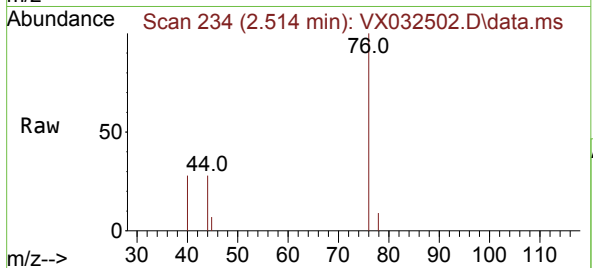
VX1101MBL01

Tgt Ion: 76 Resp: 1296

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3



#20

Methylene Chloride

Concen: 0.431 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX032502.D

Acq: 01 Nov 2022 10:52

Tgt Ion: 84 Resp: 628

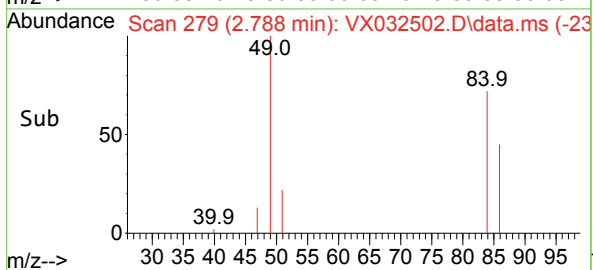
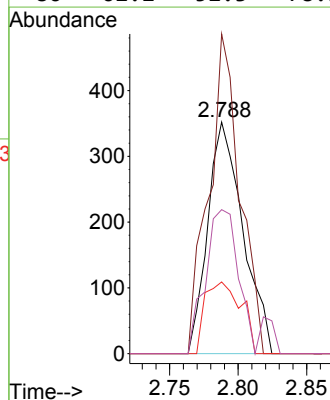
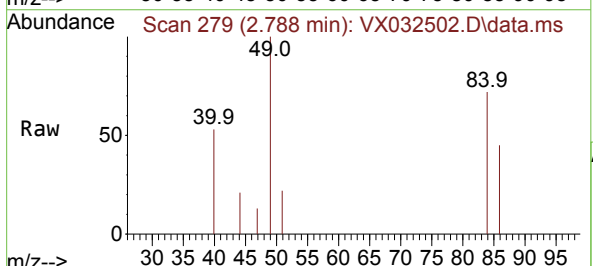
Ion Ratio Lower Upper

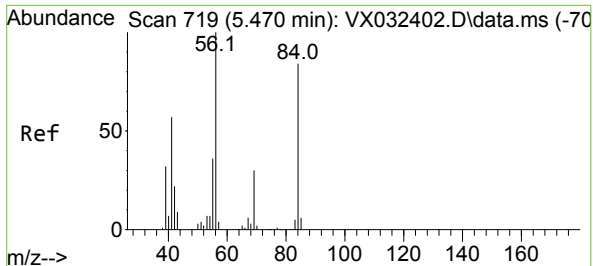
84 100

49 138.1 101.0 151.6

51 31.0 31.1 46.7#

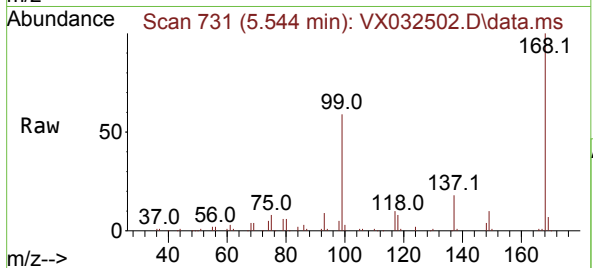
86 62.2 52.3 78.5



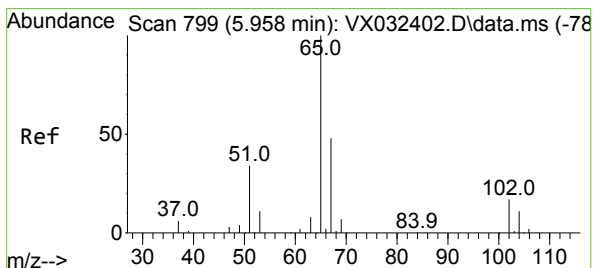
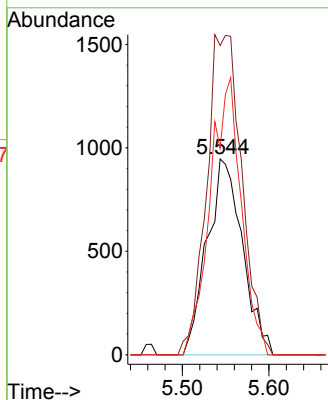
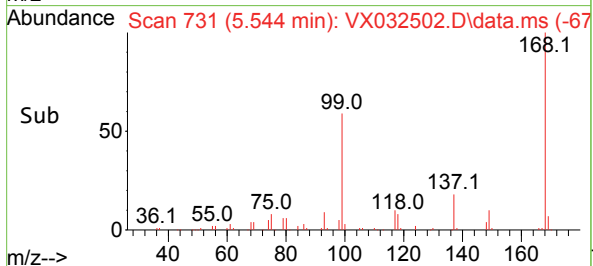


#31
Cyclohexane
Concen: 1.265 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Instrument :
MSVOA_X
ClientSampleId :
VX1101MBL01

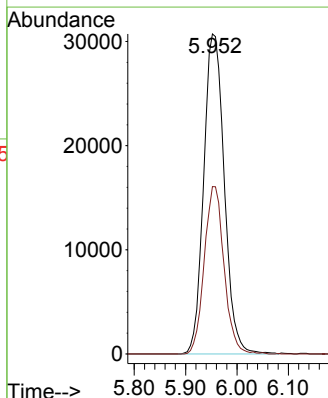
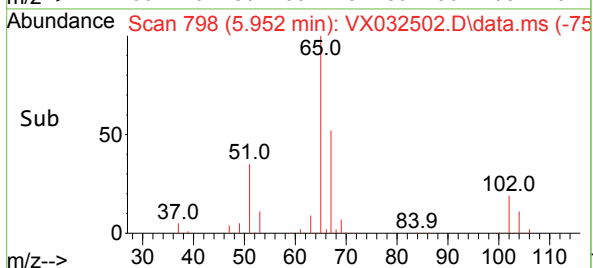
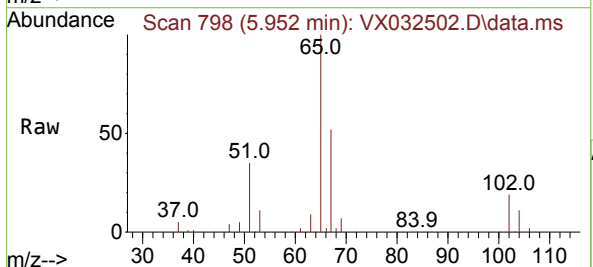


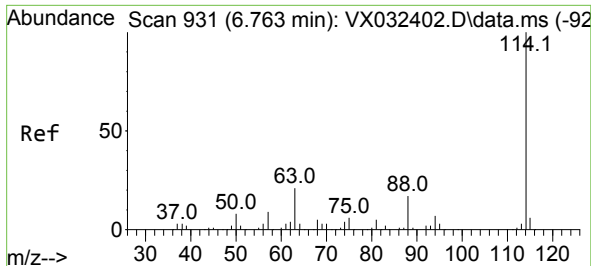
Tgt Ion: 56 Resp: 2683
Ion Ratio Lower Upper
56 100
69 158.0 24.1 36.1#
84 105.6 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 48.859 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion: 65 Resp: 85474
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.8

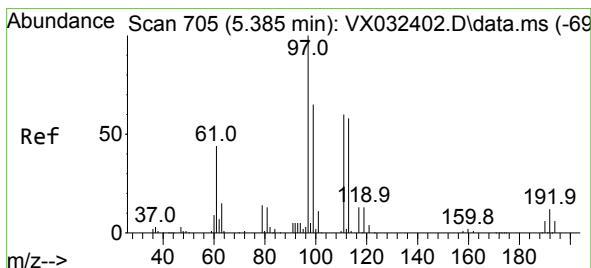
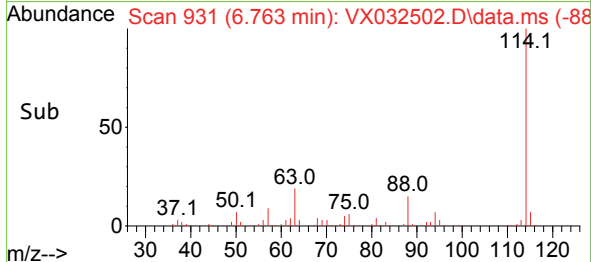
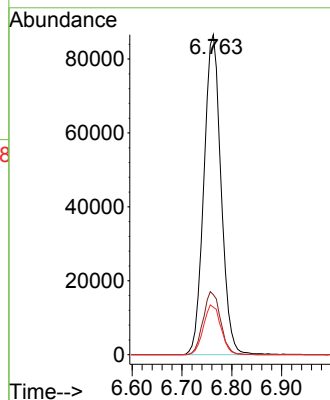
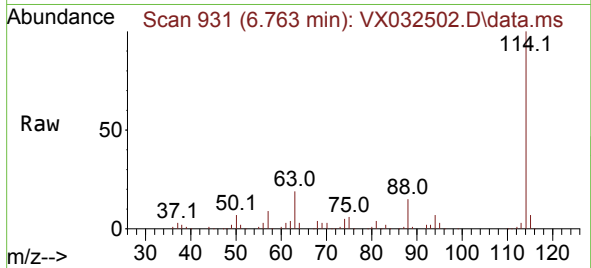




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

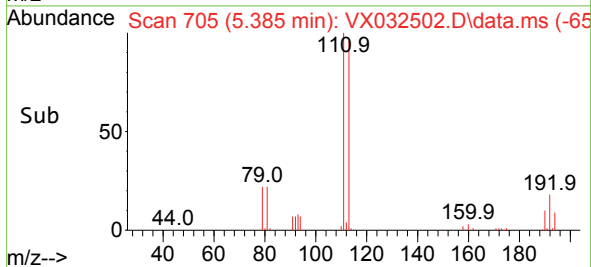
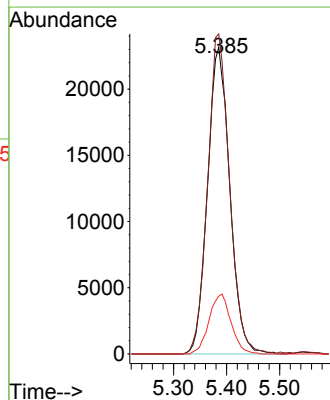
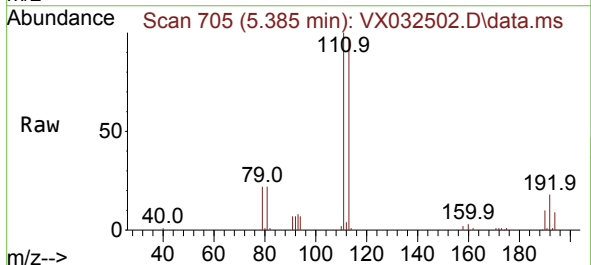
Instrument :
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VX1101MBL01

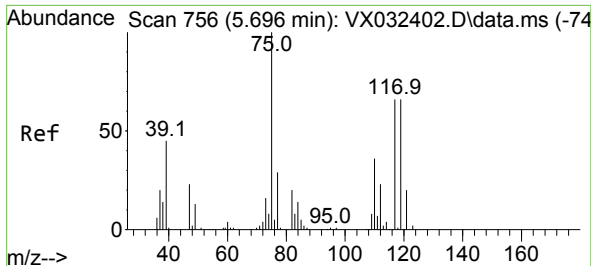
Tgt Ion:114 Resp: 206898
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.6
88 14.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.766 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion:113 Resp: 67542
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.3 15.4 23.2

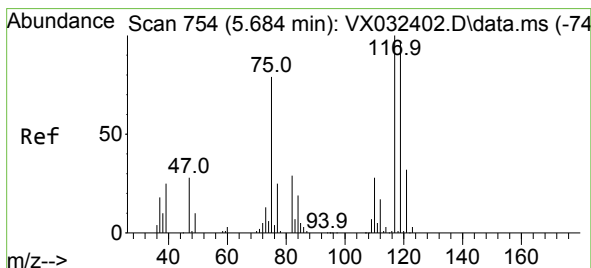
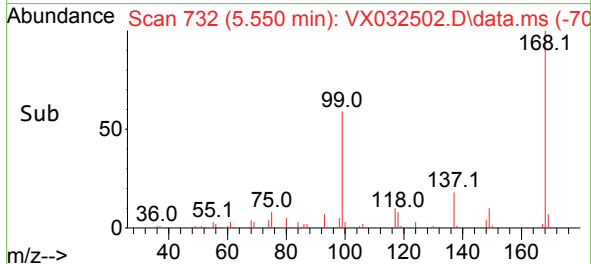
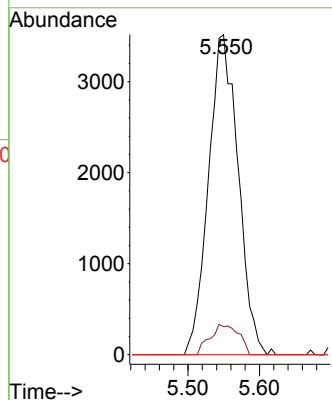
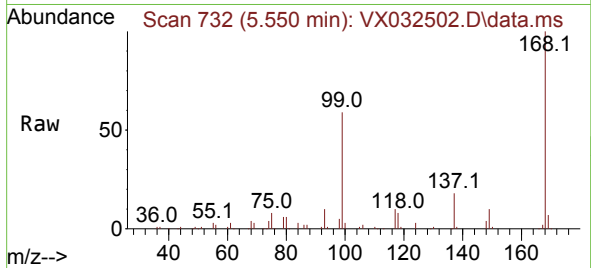




#36
1,1-Dichloropropene
Concen: 4.935 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

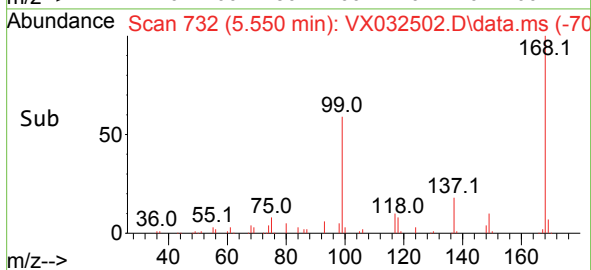
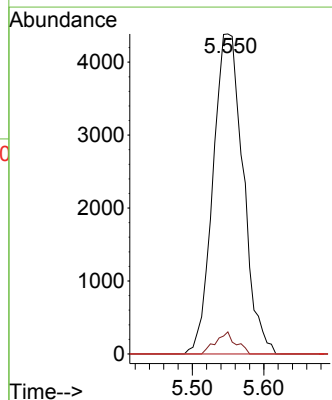
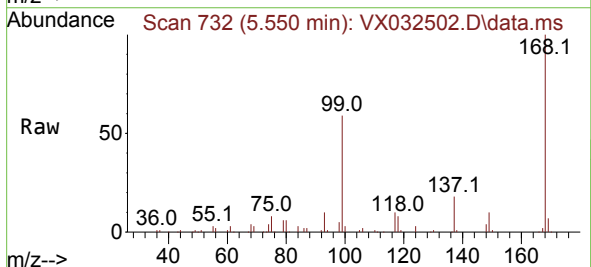
Instrument :
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VX1101MBL01

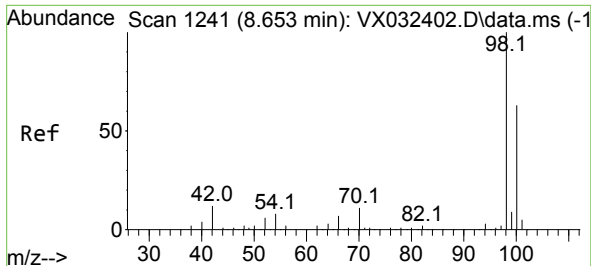
Tgt Ion: 75 Resp: 10142
Ion Ratio Lower Upper
75 100
110 9.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 5.634 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion: 117 Resp: 12843
Ion Ratio Lower Upper
117 100
119 6.9 77.2 115.8#
121 0.0 25.8 38.6#

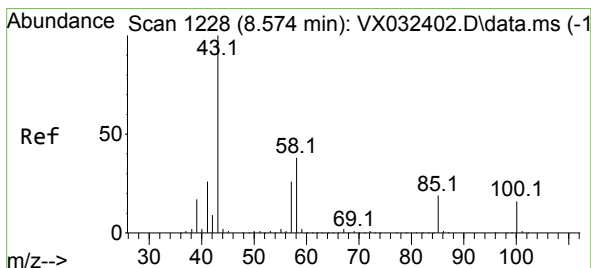
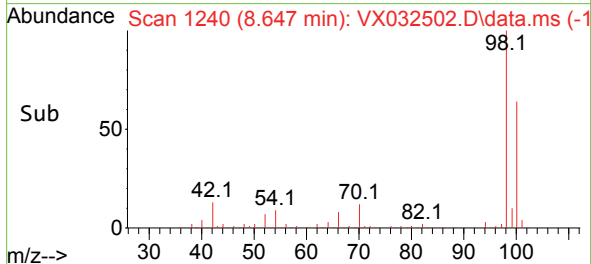
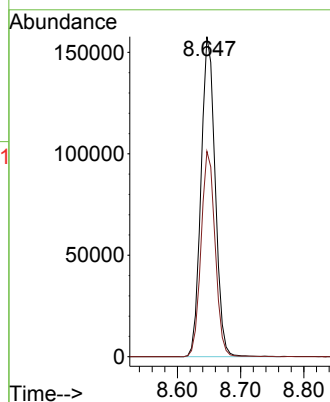
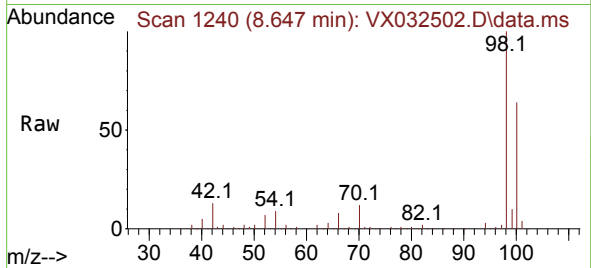




#50
Toluene-d8
Concen: 47.933 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

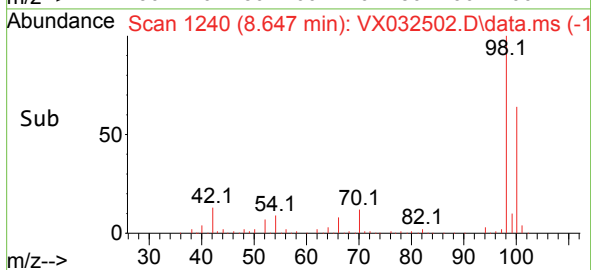
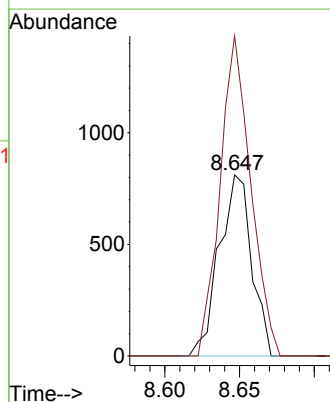
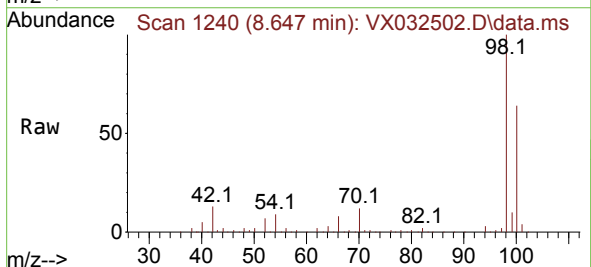
Instrument :
MSVOA_X
ClientSampleId :
VX1101MBL01

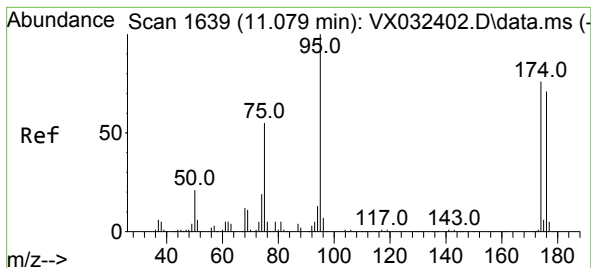
Tgt Ion: 98 Resp: 245981
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 167.4 30.9 46.3#

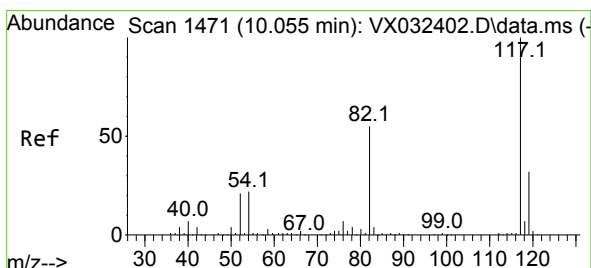
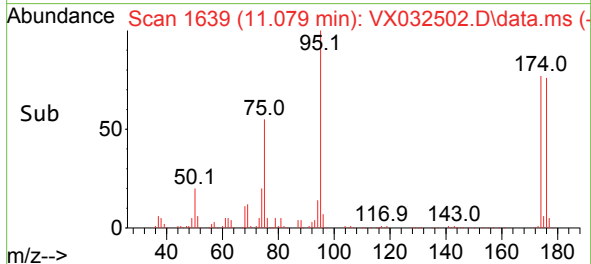
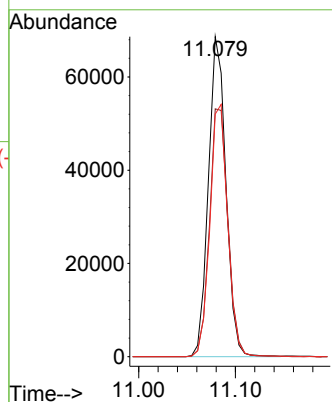
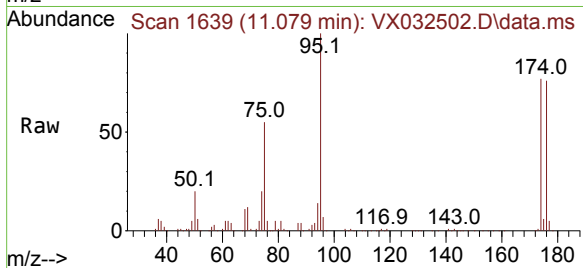




#62
4-Bromofluorobenzene
Concen: 43.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

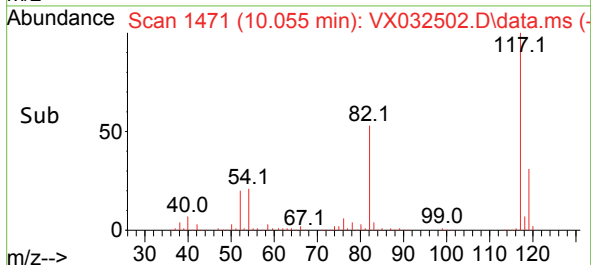
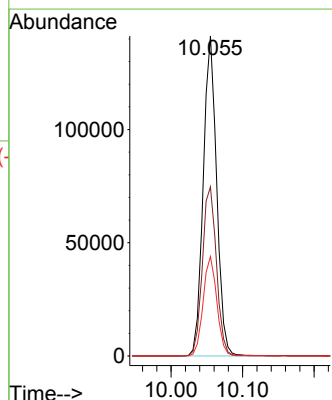
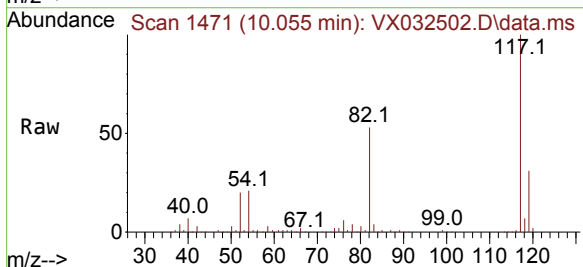
Instrument :
MSVOA_X
ClientSampleId :
VX1101MBL01

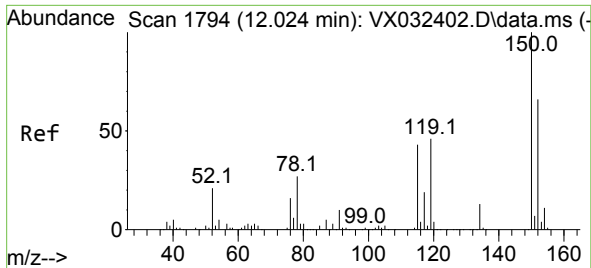
Tgt Ion: 95 Resp: 86575
Ion Ratio Lower Upper
95 100
174 81.7 0.0 164.0
176 80.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

Tgt Ion: 117 Resp: 184119
Ion Ratio Lower Upper
117 100
82 52.9 44.3 66.5
119 31.1 25.7 38.5

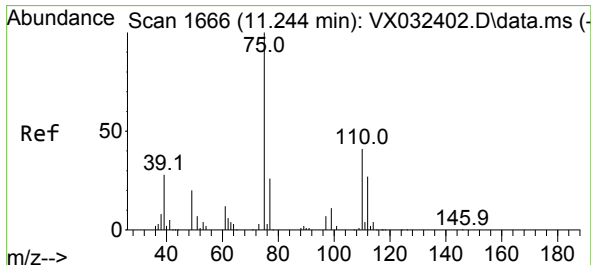
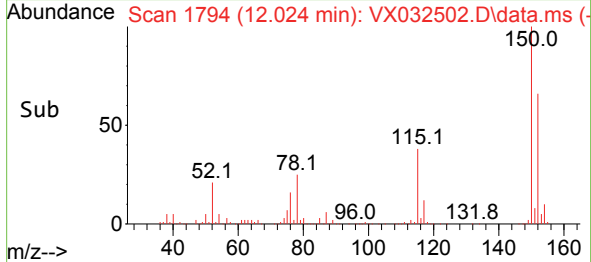
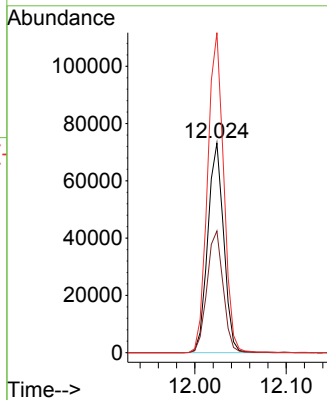
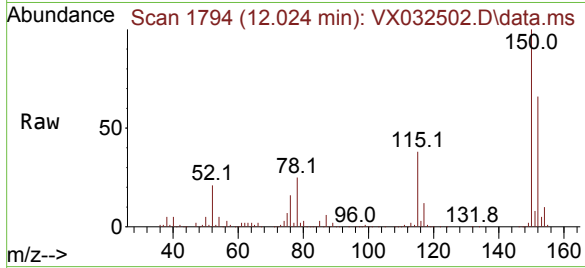




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX032502.D
 Acq: 01 Nov 2022 10:52

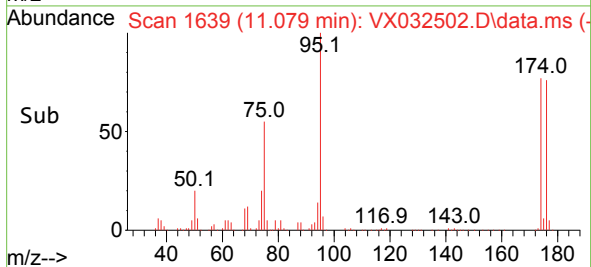
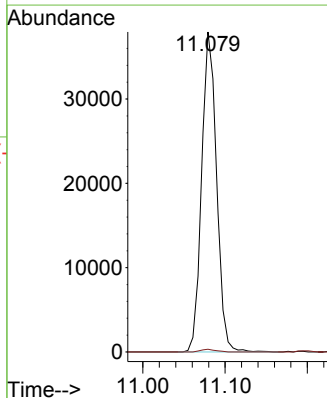
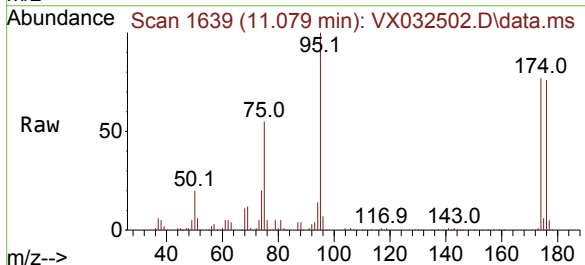
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101MBL01

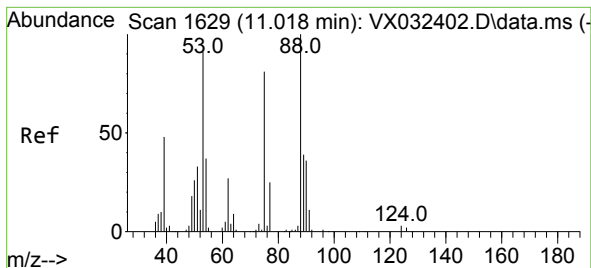
Tgt Ion:152 Resp: 88239
 Ion Ratio Lower Upper
 152 100
 115 59.1 44.0 132.0
 150 154.9 0.0 351.8



#76
 1,2,3-Trichloropropane
 Concen: 24.471 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX032502.D
 Acq: 01 Nov 2022 10:52

Tgt Ion: 75 Resp: 48040
 Ion Ratio Lower Upper
 75 100
 77 0.8 20.0 60.0#

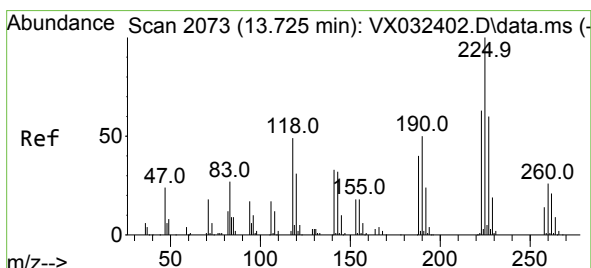
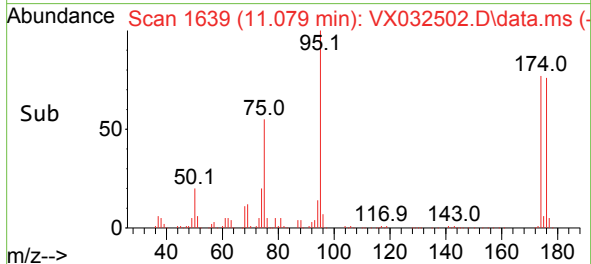
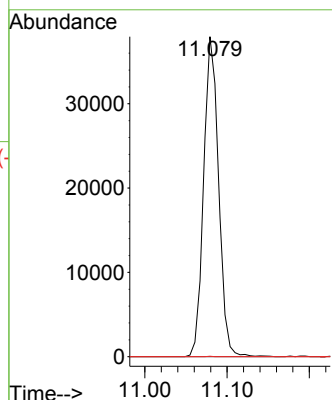
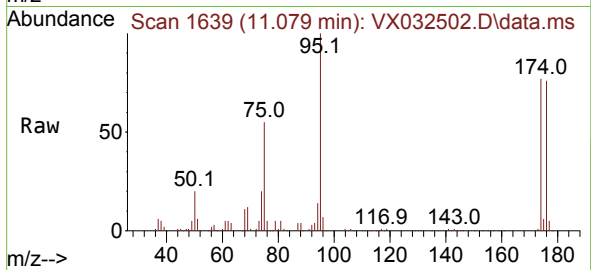




#81
trans-1,4-Dichloro-2-butene
Concen: 77.869 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

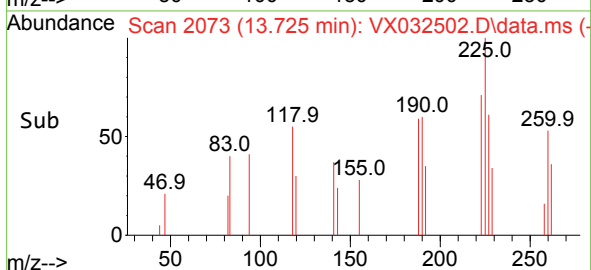
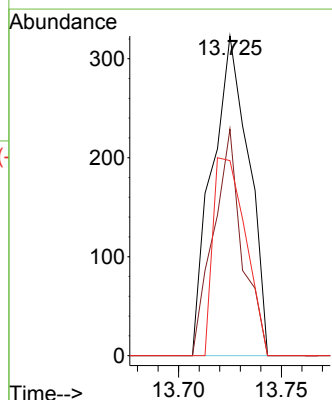
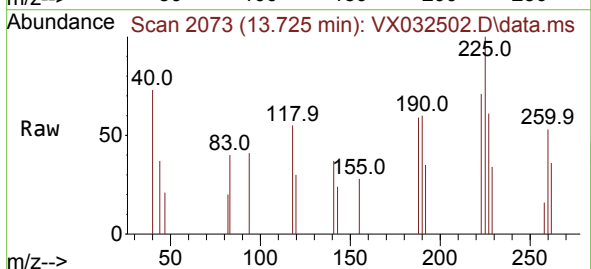
Instrument :
MSVOA_X
ClientSampleId :
VX1101MBL01

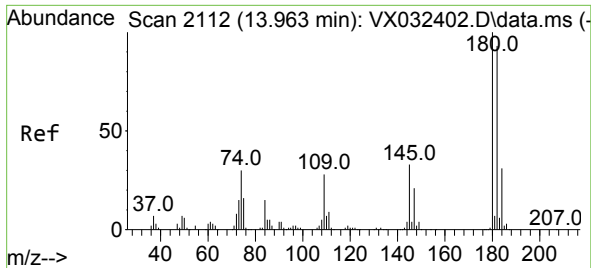
Tgt Ion: 75 Resp: 48040
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#



#94
Hexachlorobutadiene
Concen: 0.462 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX032502.D
Acq: 01 Nov 2022 10:52

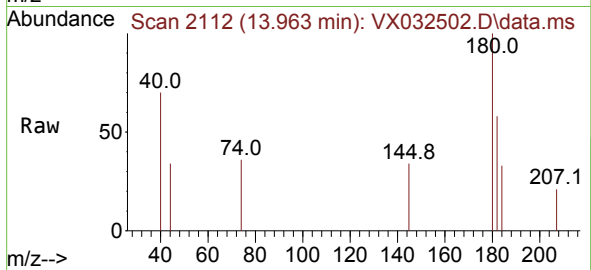
Tgt Ion: 225 Resp: 401
Ion Ratio Lower Upper
225 100
223 55.9 31.9 95.9
227 55.1 31.9 95.5





#96
 1,2,3-Trichlorobenzene
 Concen: 0.201 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX032502.D
 Acq: 01 Nov 2022 10:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1101MBL01



Tgt Ion:	180	Resp:	424
Ion	Ratio	Lower	Upper
180	100		
182	82.3	47.5	142.6
145	18.4	16.9	50.6

