

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027579.D
 Acq On : 21 Mar 2022 12:22
 Operator : JC/MD
 Sample : VX0321MBL01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321MBL01

Quant Time: Mar 22 05:44:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

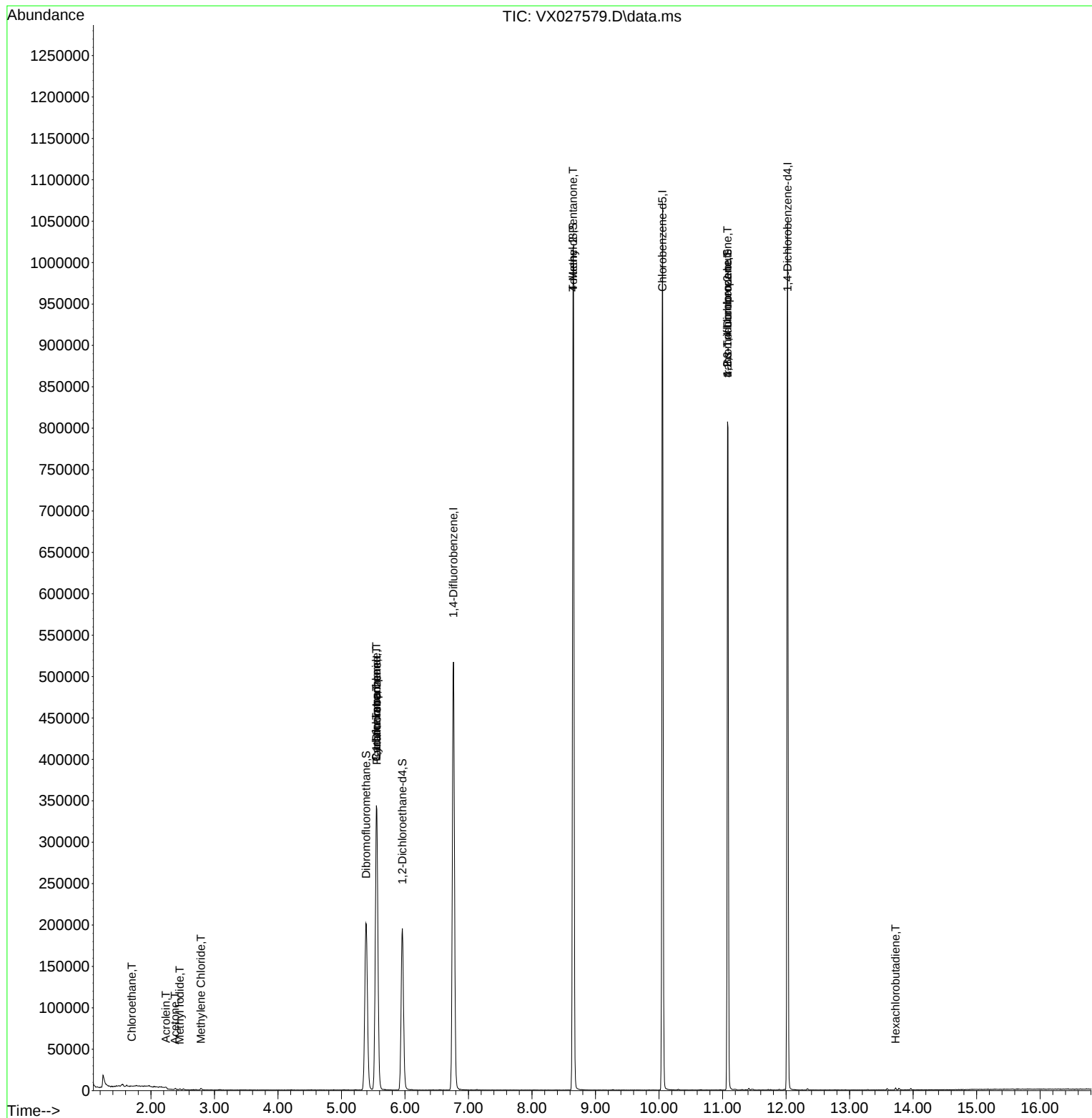
Internal Standards						
1) Pentafluorobenzene	5.556	168	353632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	576692	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	516050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231722	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	186161	42.733	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.460%		
35) Dibromofluoromethane	5.385	113	184786	49.803	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.600%		
50) Toluene-d8	8.647	98	658255	46.883	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.760%		
62) 4-Bromofluorobenzene	11.079	95	231871	44.931	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.860%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	842	Below Cal	#	64
6) Chloroethane	1.697	64	612	0.286	ug/l #	43
10) Methyl Iodide	2.453	142	1169	0.258	ug/l	93
13) Acrolein	2.233	56	234	0.363	ug/l #	1
16) Acetone	2.380	43	1241	0.699	ug/l #	84
20) Methylene Chloride	2.788	84	943	0.247	ug/l #	91
31) Cyclohexane	5.550	56	5079	0.939	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	22791	4.495	ug/l #	50
38) Carbon Tetrachloride	5.550	117	32908	5.673	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2217	0.427	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	104377	21.535	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	104377	65.403	ug/l #	15
94) Hexachlorobutadiene	13.725	225	488	0.224	ug/l	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
Data File : VX027579.D
Acq On : 21 Mar 2022 12:22
Operator : JC/MD
Sample : VX0321MBL01
Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

Quant Time: Mar 22 05:44:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 15:02:59 2022
Response via : Initial Calibration

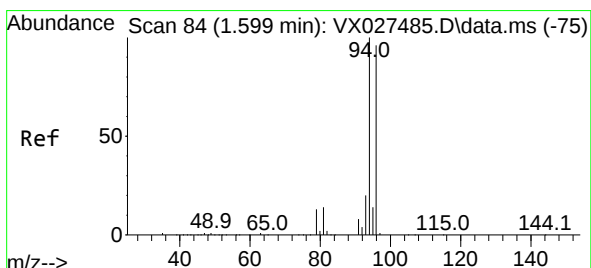
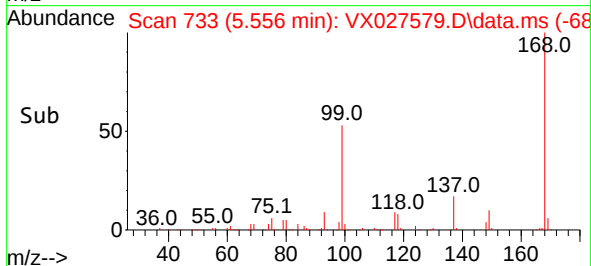
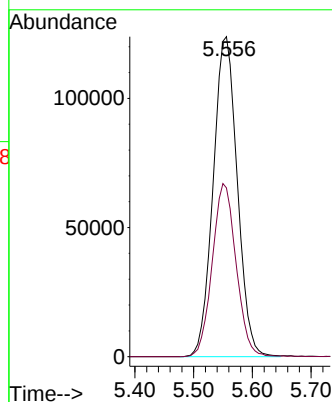
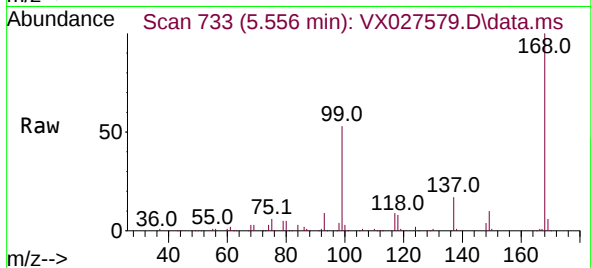




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

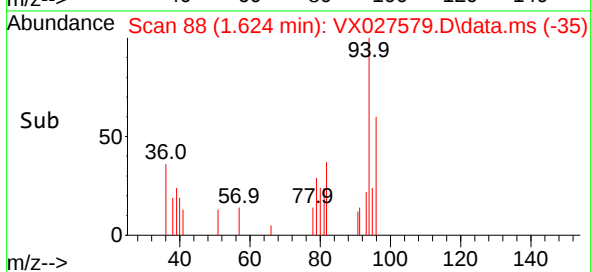
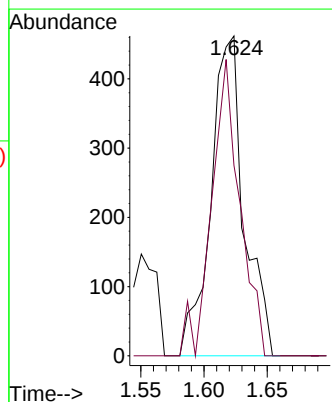
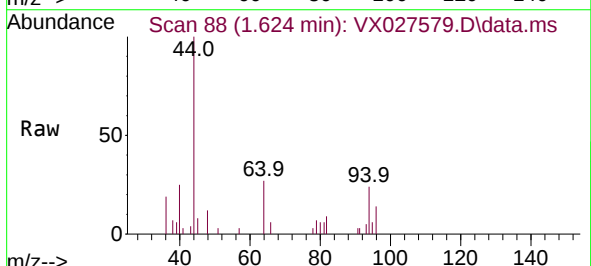
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

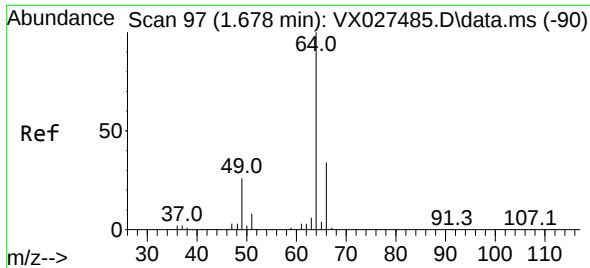
Tgt Ion:168 Resp: 353632
Ion Ratio Lower Upper
168 100
99 52.7 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion: 94 Resp: 842
Ion Ratio Lower Upper
94 100
96 59.5 75.3 112.9#

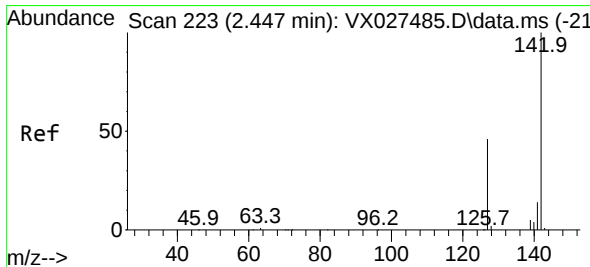
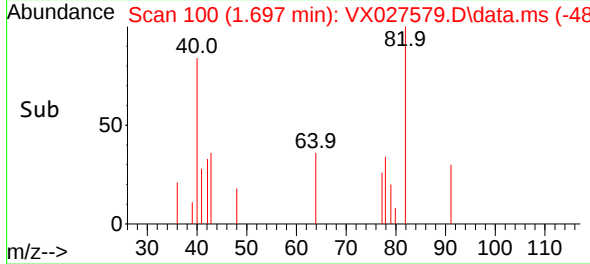
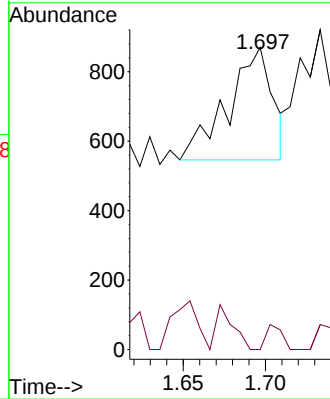
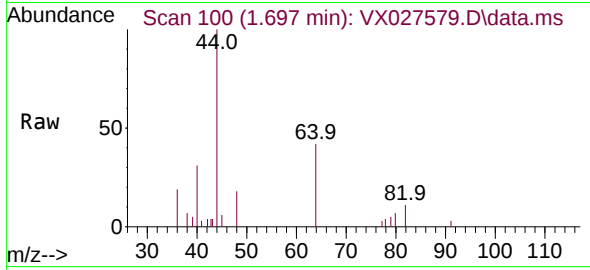




#6
Chloroethane
Concen: 0.286 ug/l
RT: 1.697 min Scan# 10
Delta R.T. 0.018 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

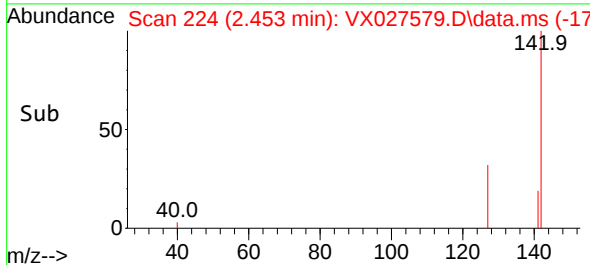
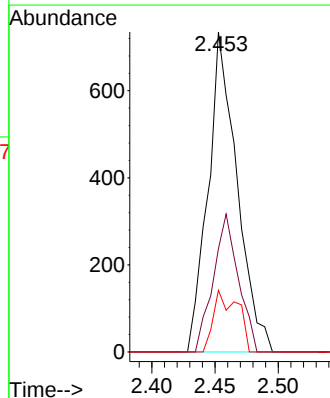
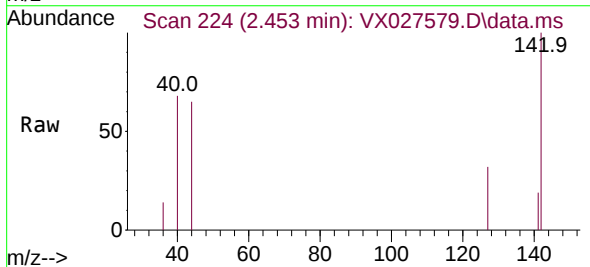
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

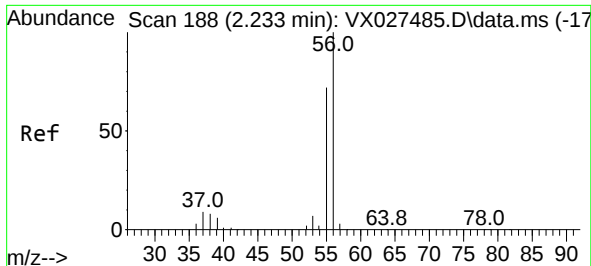
Tgt Ion: 64 Resp: 612
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 0.258 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.006 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion: 142 Resp: 1169
Ion Ratio Lower Upper
142 100
127 37.4 33.9 50.9
141 16.0 11.4 17.2

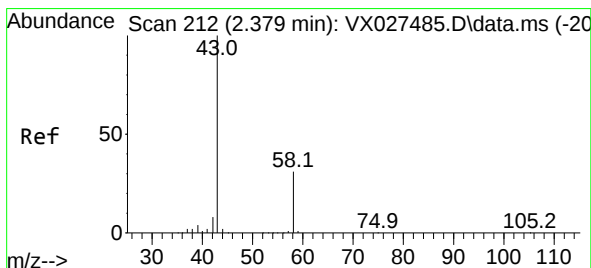
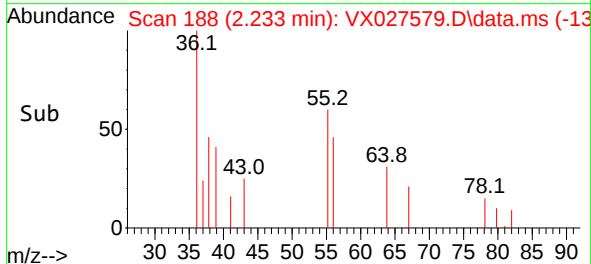
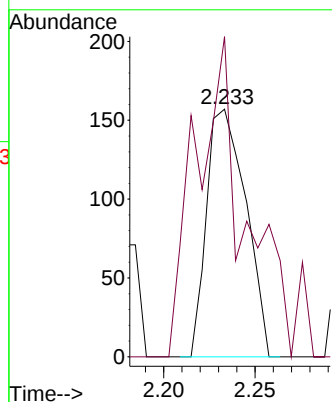
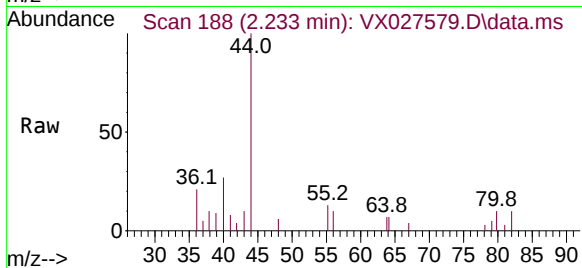




#13
Acrolein
Concen: 0.363 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

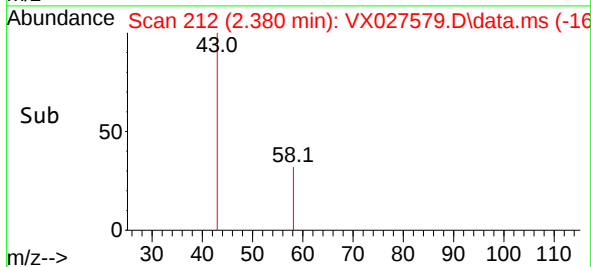
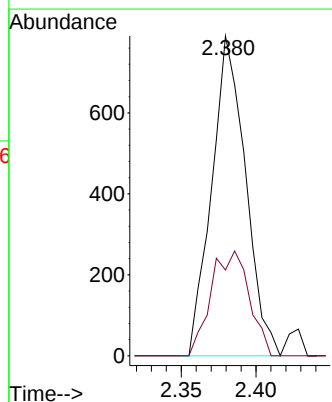
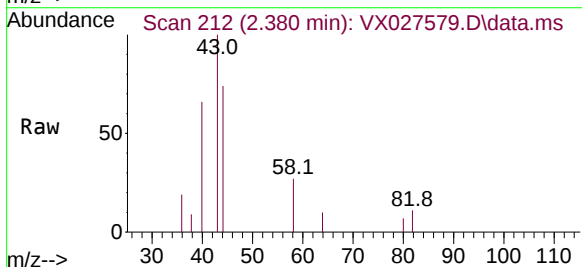
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

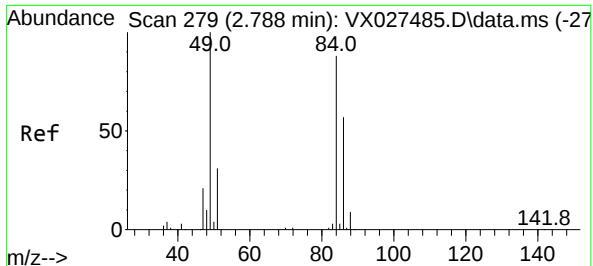
Tgt Ion: 56 Resp: 234
Ion Ratio Lower Upper
56 100
55 172.2 55.0 82.6#



#16
Acetone
Concen: 0.699 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion: 43 Resp: 1241
Ion Ratio Lower Upper
43 100
58 26.8 28.8 43.2#

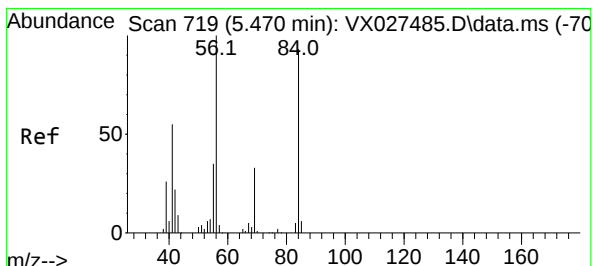
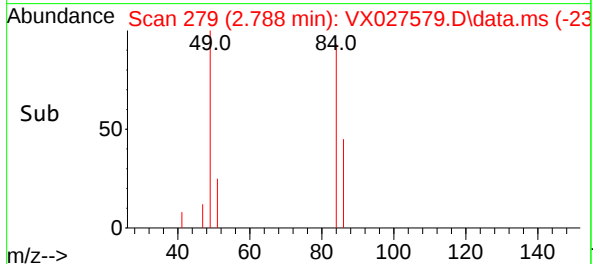
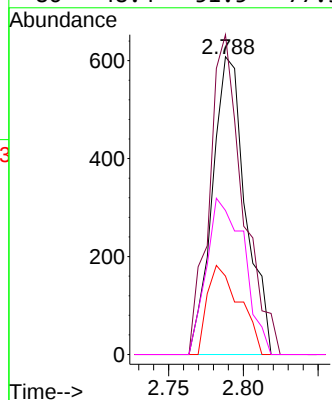
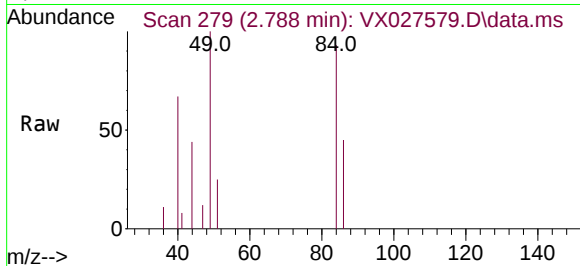




#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

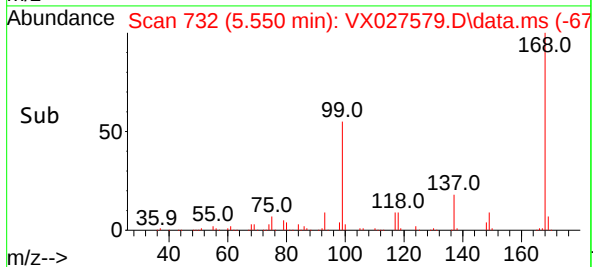
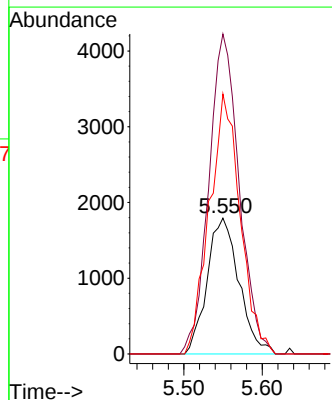
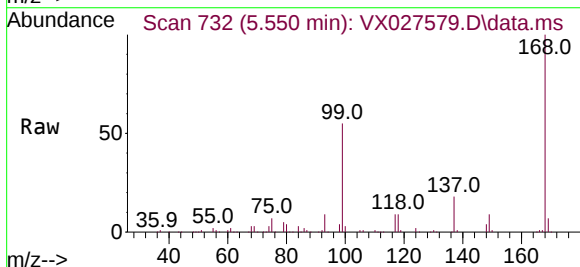
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

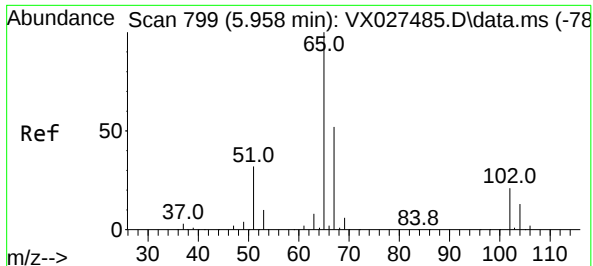
Tgt Ion:	84	Resp:	943
Ion	Ratio	Lower	Upper
84	100		
49	107.4	85.5	128.3
51	26.3	26.6	39.8#
86	48.4	51.5	77.3#



#31
Cyclohexane
Concen: 0.939 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion:	56	Resp:	5079
Ion	Ratio	Lower	Upper
56	100		
69	235.6	26.7	40.1#
84	191.5	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 42.733 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027579.D

Acq: 21 Mar 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

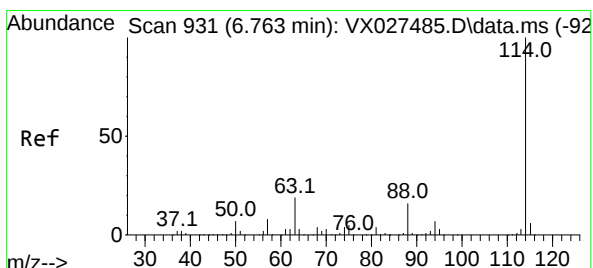
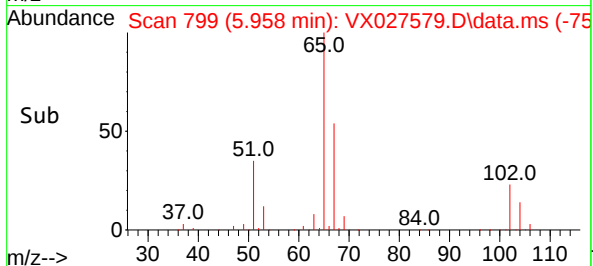
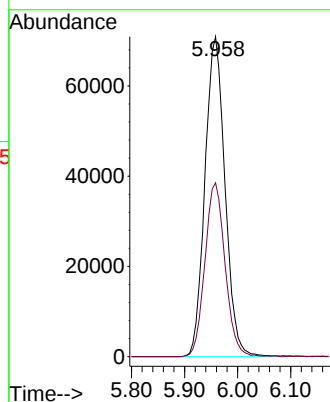
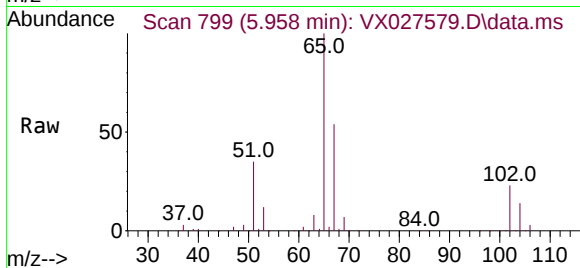
VX0321MBL01

Tgt Ion: 65 Resp: 186161

Ion Ratio Lower Upper

65 100

67 54.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027579.D

Acq: 21 Mar 2022 12:22

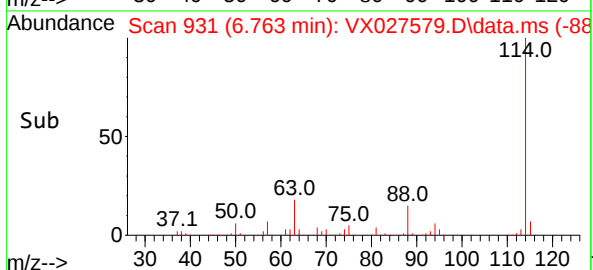
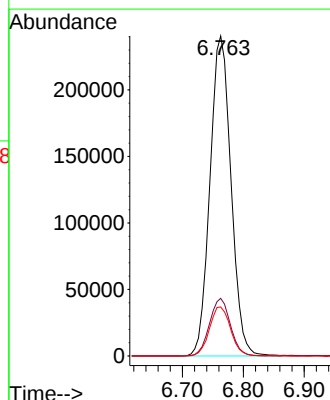
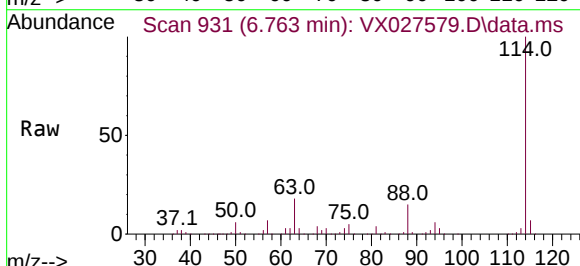
Tgt Ion: 114 Resp: 576692

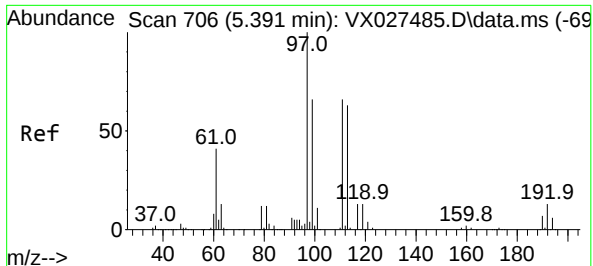
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.803 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX027579.D

Acq: 21 Mar 2022 12:22

Instrument :

MSVOA_X

ClientSampleId :

VX0321MBL01

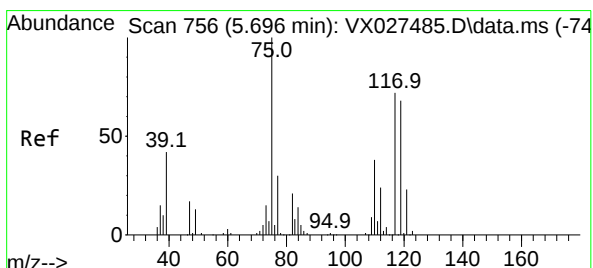
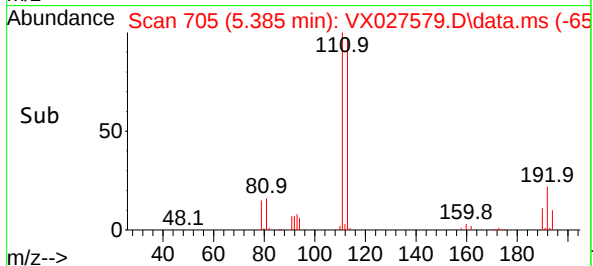
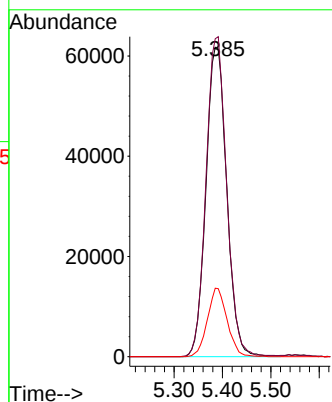
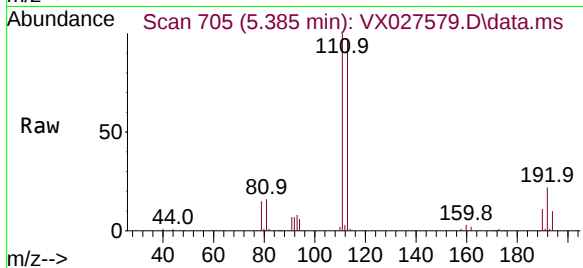
Tgt Ion:113 Resp: 184786

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 21.0 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.495 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX027579.D

Acq: 21 Mar 2022 12:22

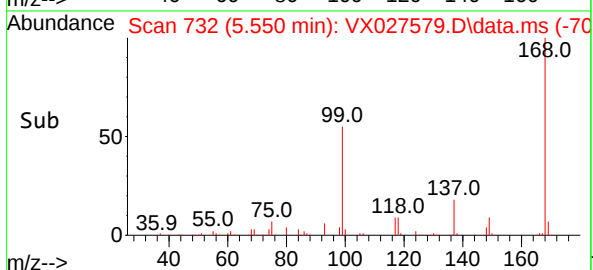
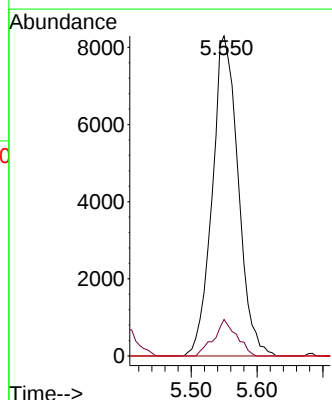
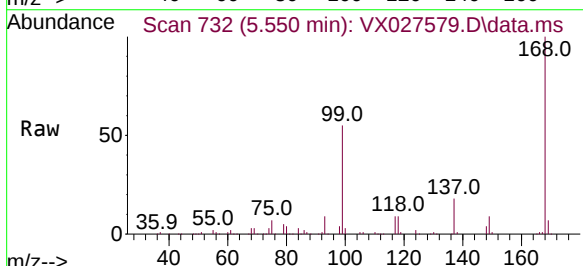
Tgt Ion: 75 Resp: 22791

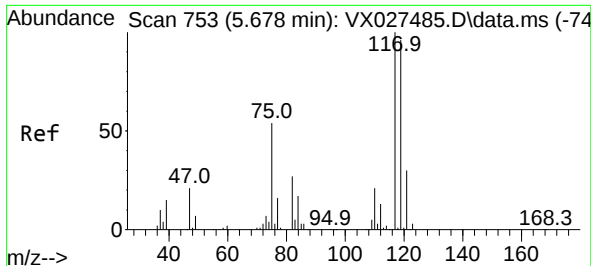
Ion Ratio Lower Upper

75 100

110 9.9 18.3 54.8#

77 0.0 24.8 37.2#

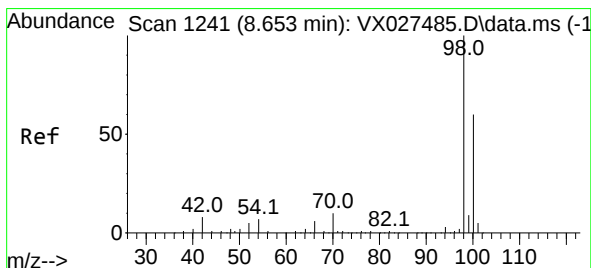
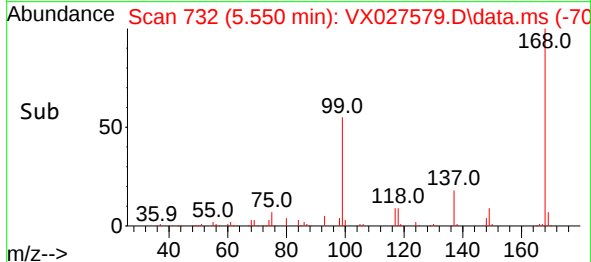
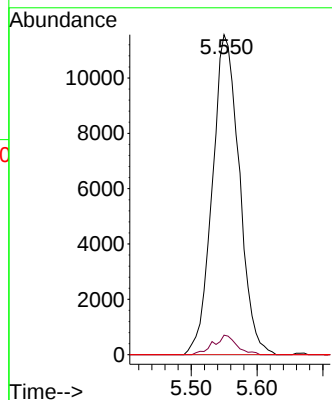
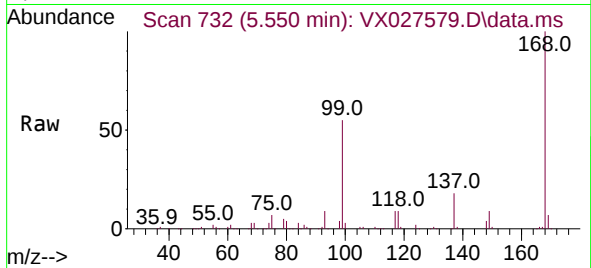




#38
Carbon Tetrachloride
Concen: 5.673 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

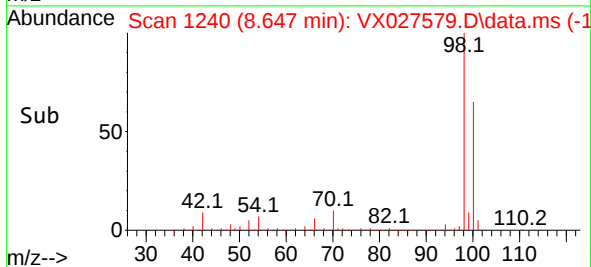
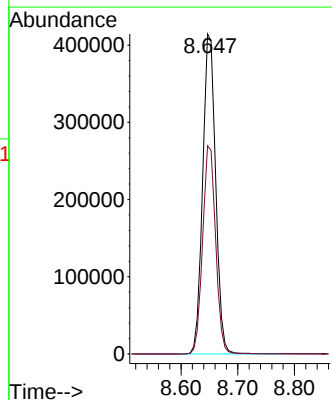
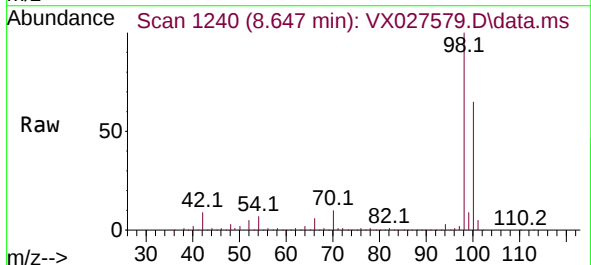
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

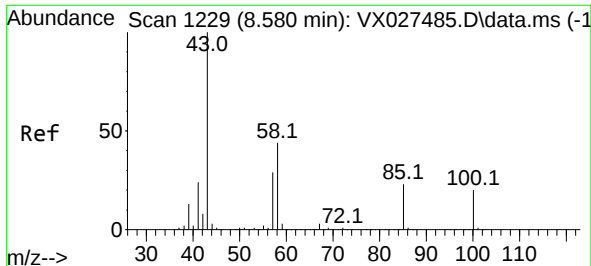
Tgt Ion:117 Resp: 32908
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.883 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion: 98 Resp: 658255
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

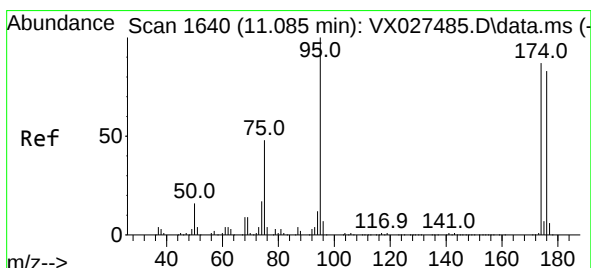
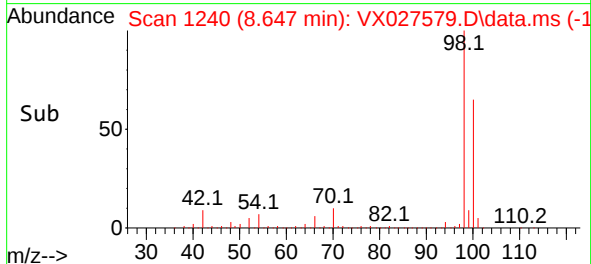
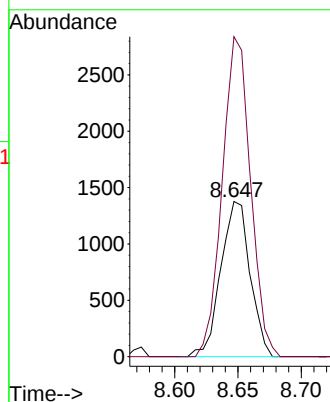
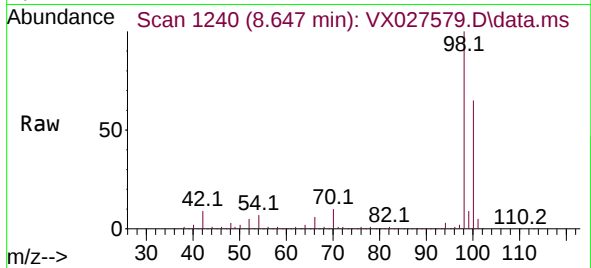




#51
4-Methyl-2-Pentanone
Concen: 0.427 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

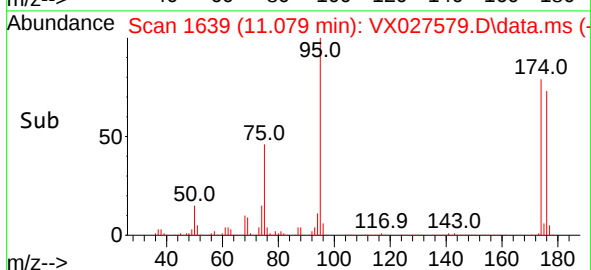
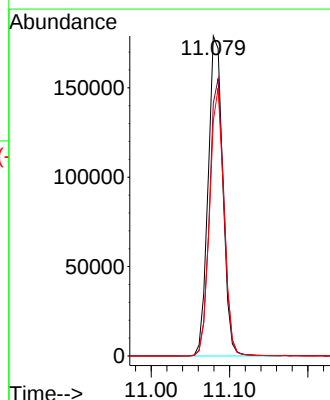
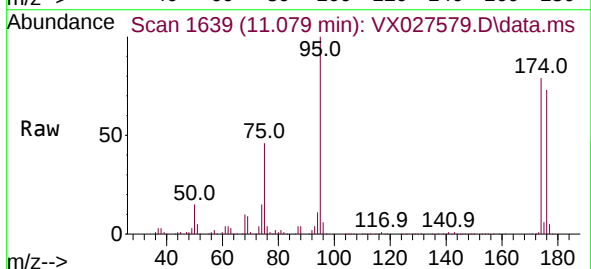
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

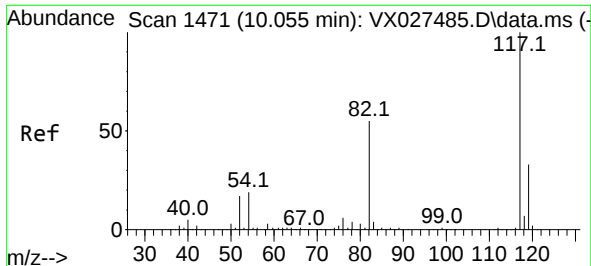
Tgt Ion: 43 Resp: 2217
Ion Ratio Lower Upper
43 100
58 199.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 44.931 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion: 95 Resp: 231871
Ion Ratio Lower Upper
95 100
174 85.3 0.0 163.0
176 82.1 0.0 155.0

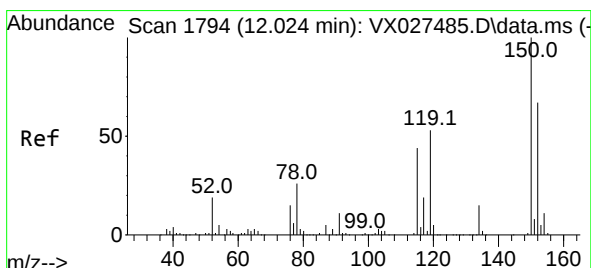
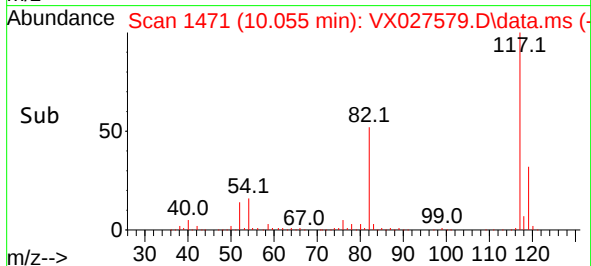
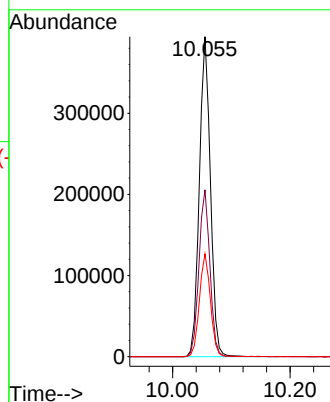
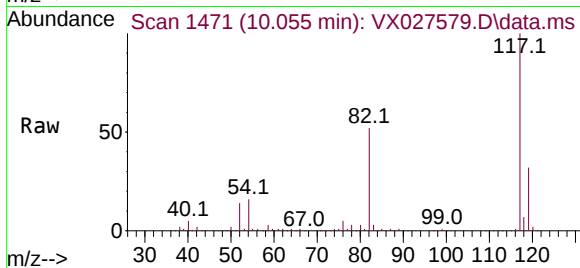




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

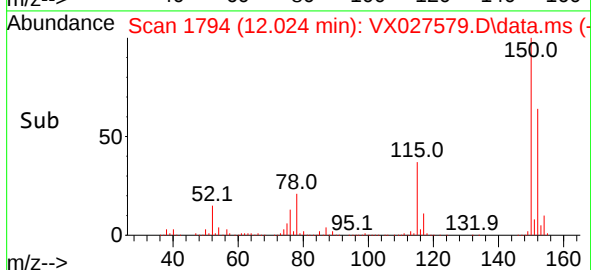
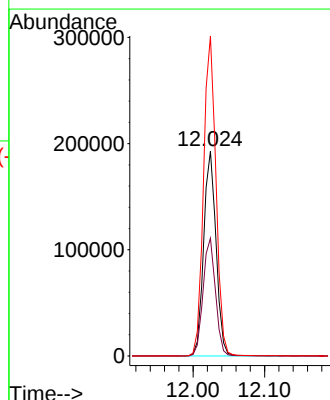
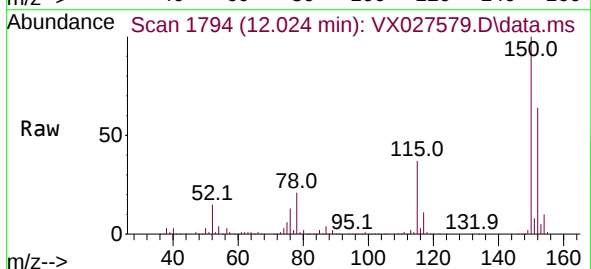
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

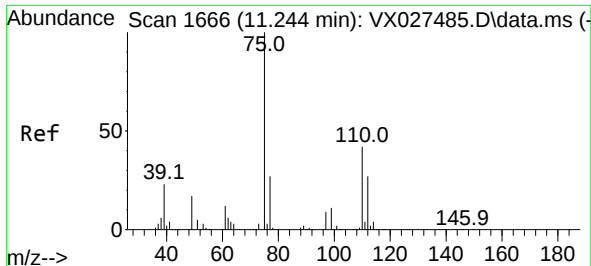
Tgt Ion:117 Resp: 516050
Ion Ratio Lower Upper
117 100
82 52.2 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

Tgt Ion:152 Resp: 231722
Ion Ratio Lower Upper
152 100
115 57.7 37.5 112.7
150 156.7 0.0 338.2

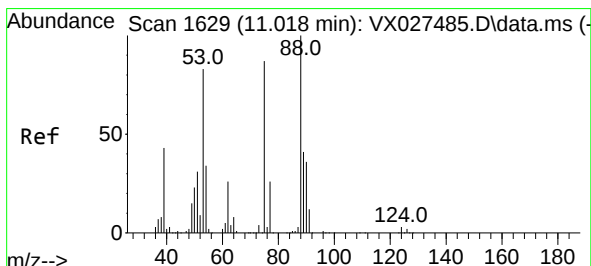
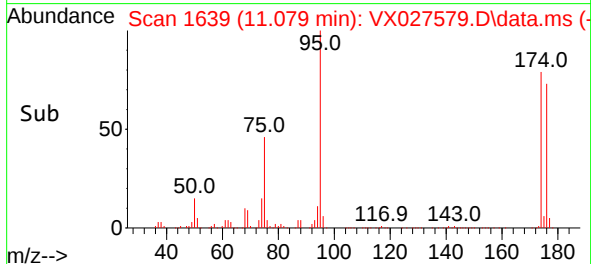
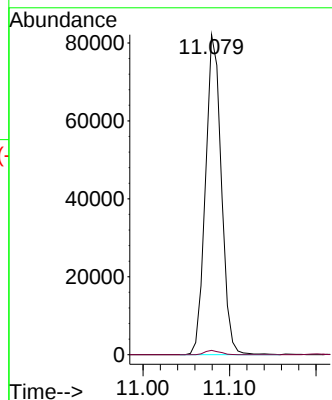
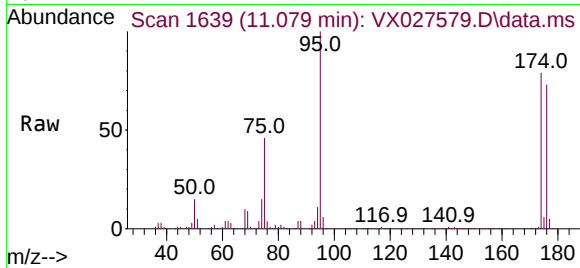




#76
1,2,3-Trichloropropane
Concen: 21.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

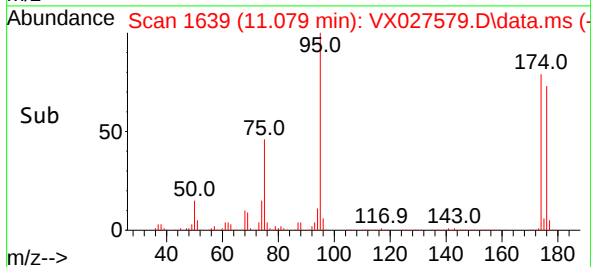
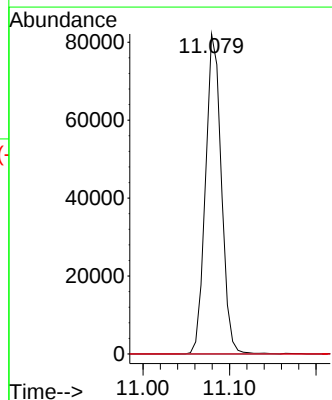
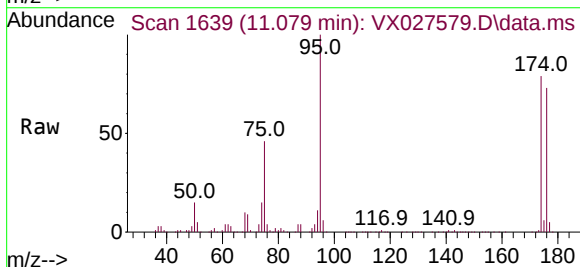
Instrument :
MSVOA_X
ClientSampleId :
VX0321MBL01

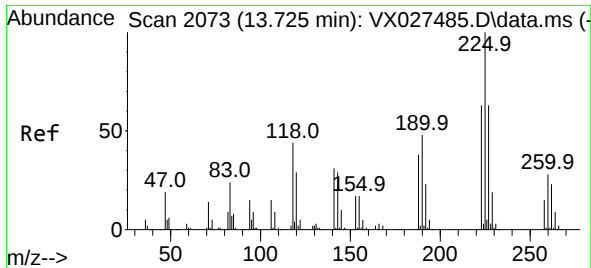
Tgt Ion: 75 Resp: 104377
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.403 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027579.D
Acq: 21 Mar 2022 12:22

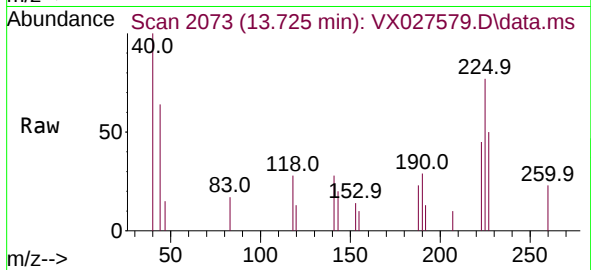
Tgt Ion: 75 Resp: 104377
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
 Hexachlorobutadiene
 Concen: 0.224 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX027579.D
 Acq: 21 Mar 2022 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321MBL01



Tgt Ion:	225	Resp:	488
Ion	Ratio	Lower	Upper
225	100		
223	66.6	34.2	102.5
227	59.8	33.9	101.7

