

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
 Data File : VX030033.D
 Acq On : 13 Jul 2022 10:25
 Operator : JC/MD
 Sample : VX0713MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0713MBL01

Quant Time: Jul 14 04:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

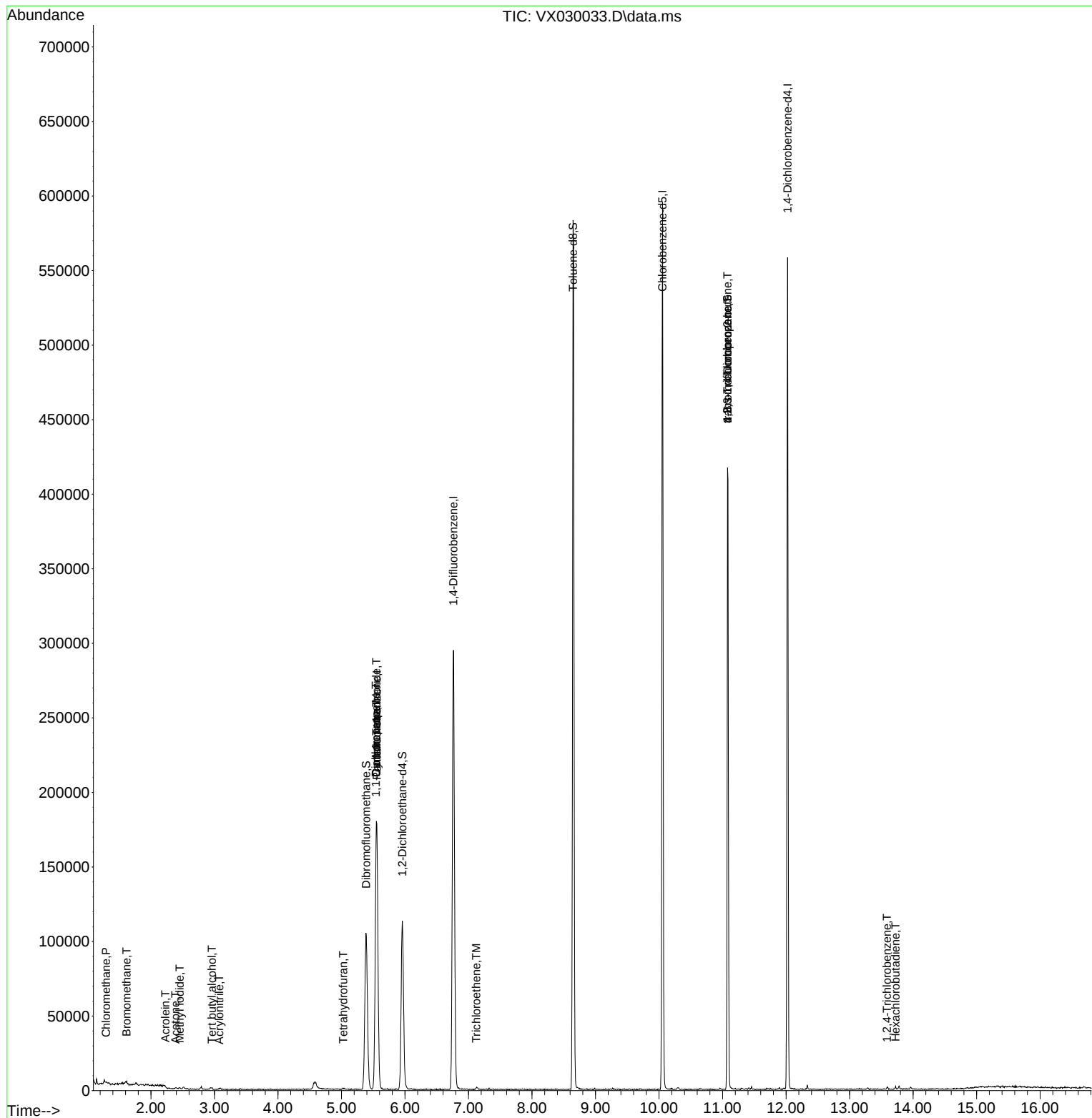
Internal Standards						
1) Pentafluorobenzene	5.556	168	187837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	317936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	273371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100535	43.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.940%		
35) Dibromofluoromethane	5.385	113	94490	46.522	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.040%		
50) Toluene-d8	8.647	98	359030	47.001	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.000%		
62) 4-Bromofluorobenzene	11.079	95	119519	45.086	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	26	Below Cal	#	42
3) Chloromethane	1.294	50	427	0.218	ug/l	93
5) Bromomethane	1.617	94	578	0.626	ug/l #	66
10) Methyl Iodide	2.453	142	827	2.826	ug/l #	95
11) Tert butyl alcohol	2.959	59	986	1.671	ug/l #	74
13) Acrolein	2.227	56	26	0.221	ug/l #	1
15) Acrylonitrile	3.075	53	409	0.305	ug/l #	72
16) Acetone	2.386	43	935	0.868	ug/l	98
17) Carbon Disulfide	2.508	76	1554	Below Cal	#	88
20) Methylene Chloride	2.794	84	731	Below Cal	#	93
29) Tetrahydrofuran	5.025	42	399	0.320	ug/l #	81
31) Cyclohexane	5.550	56	3920	1.183	ug/l #	8
36) 1,1-Dichloropropene	5.544	75	13608	5.187	ug/l #	49
38) Carbon Tetrachloride	5.550	117	16621	6.794	ug/l #	17
44) Trichloroethene	7.123	130	562	0.233	ug/l	75
76) 1,2,3-Trichloropropane	11.079	75	54491	20.159	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	54491	58.179	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	523	0.221	ug/l	77
94) Hexachlorobutadiene	13.725	225	280	0.297	ug/l #	71

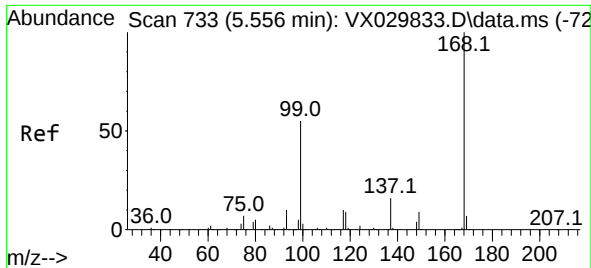
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071322\
Data File : VX030033.D
Acq On : 13 Jul 2022 10:25
Operator : JC/MD
Sample : VX0713MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

Quant Time: Jul 14 04:54:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
Response via : Initial Calibration

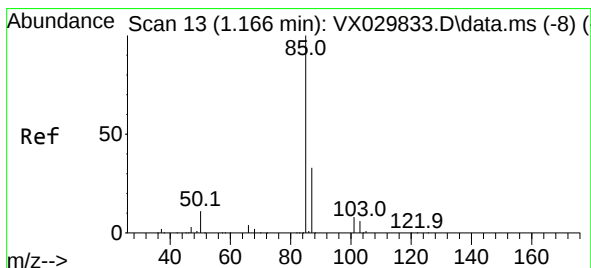
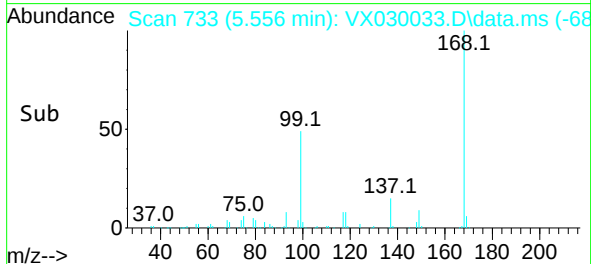
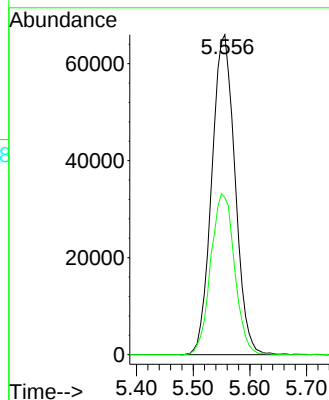
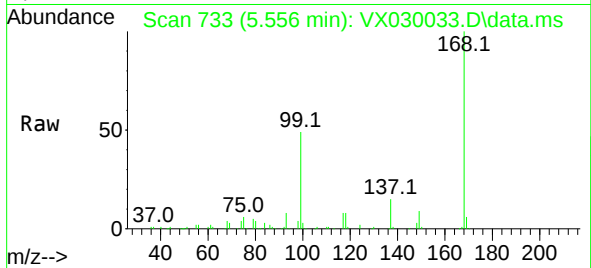




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

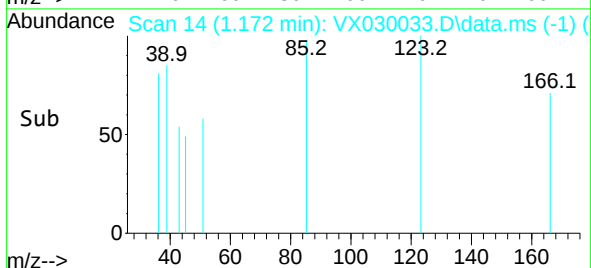
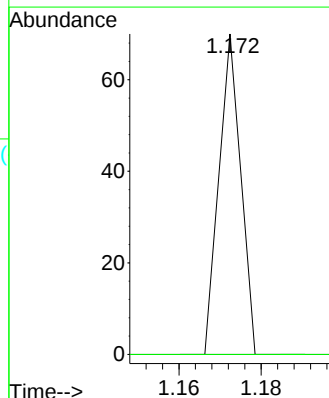
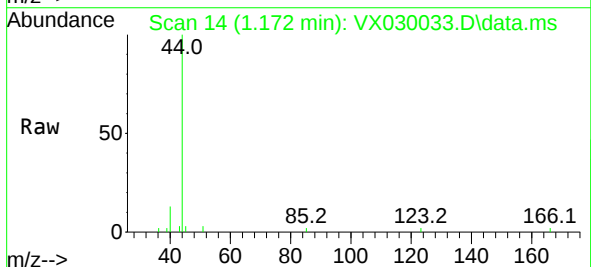
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

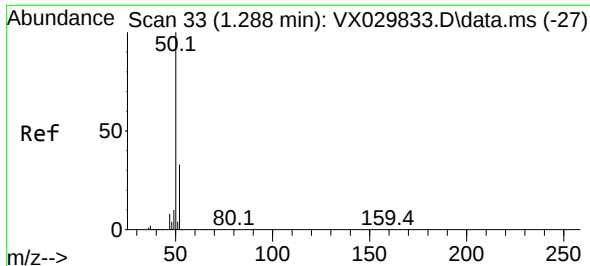
Tgt Ion:168 Resp: 187837
Ion Ratio Lower Upper
168 100
99 49.1 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion: 85 Resp: 26
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

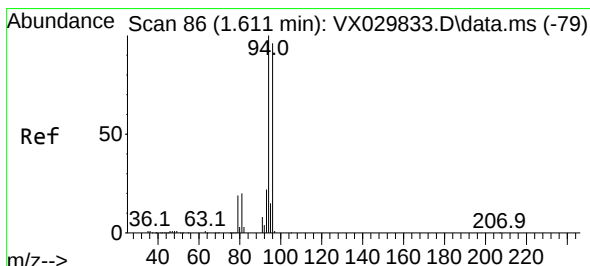
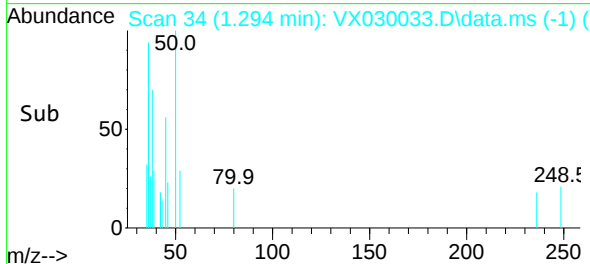
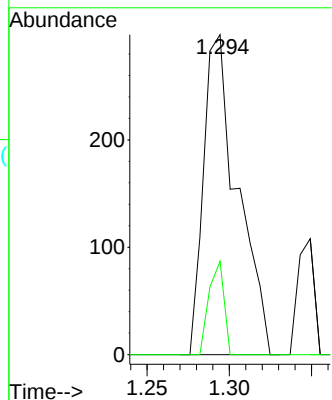
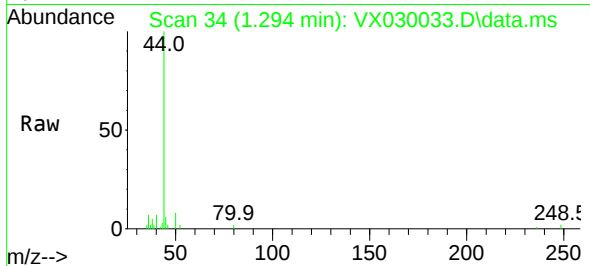




#3
Chloromethane
Concen: 0.218 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

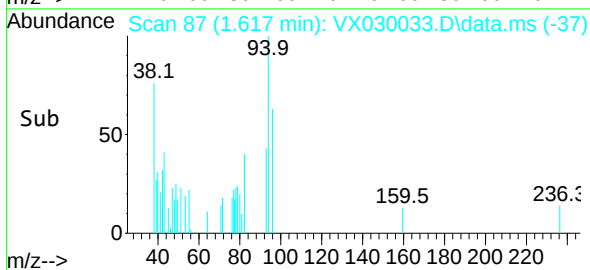
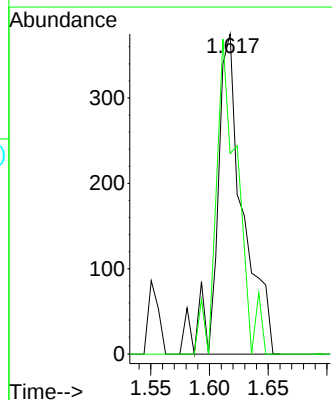
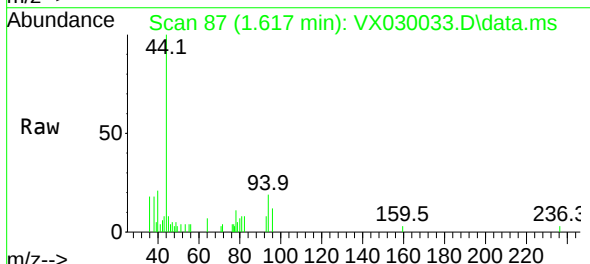
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

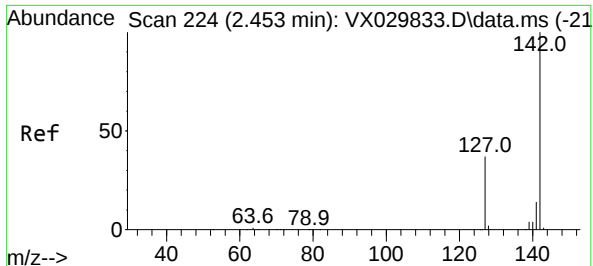
Tgt Ion: 50 Resp: 427
Ion Ratio Lower Upper
50 100
52 29.2 26.3 39.5



#5
Bromomethane
Concen: 0.626 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

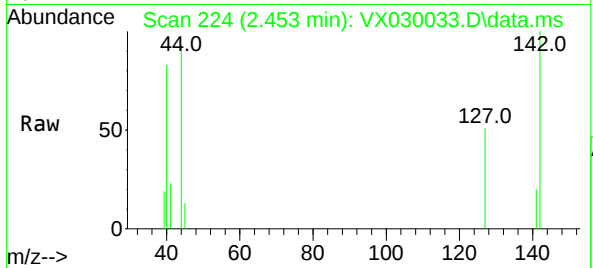
Tgt Ion: 94 Resp: 578
Ion Ratio Lower Upper
94 100
96 62.7 76.9 115.3



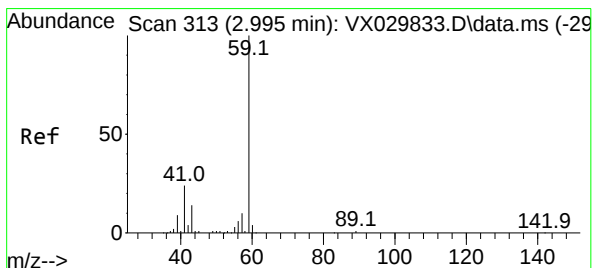
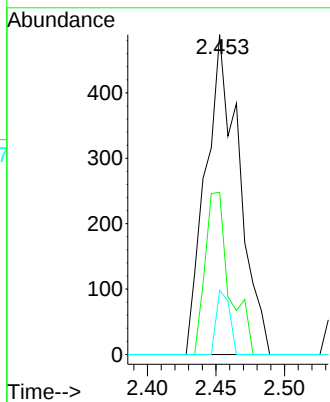
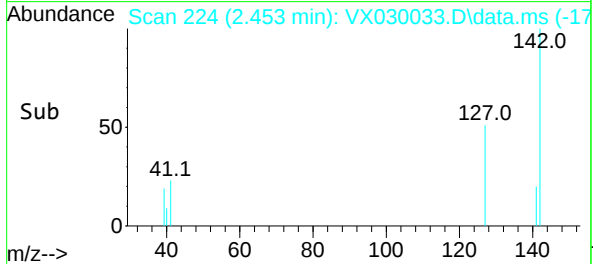


#10
Methyl Iodide
Concen: 2.826 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

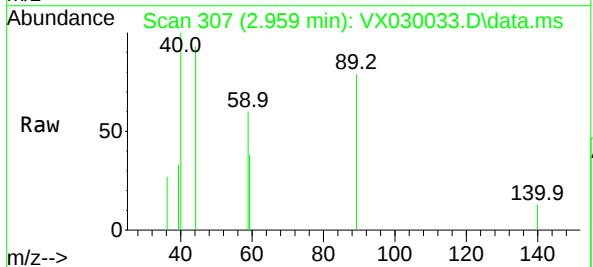
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01



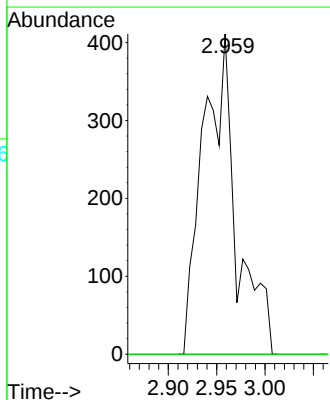
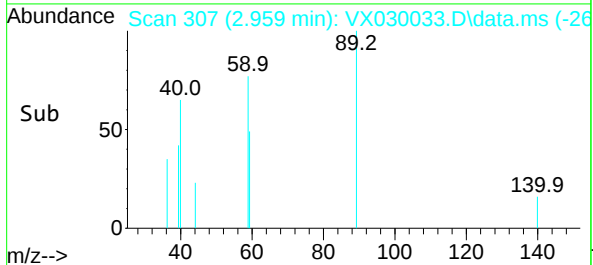
Tgt Ion:142 Resp: 827
Ion Ratio Lower Upper
142 100
127 37.1 30.2 45.2
141 8.0 11.3 16.9#

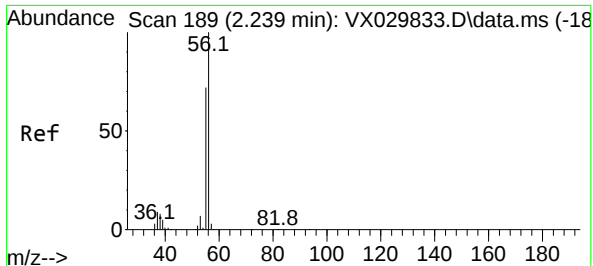


#11
Tert butyl alcohol
Concen: 1.671 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.036 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25



Tgt Ion: 59 Resp: 986
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

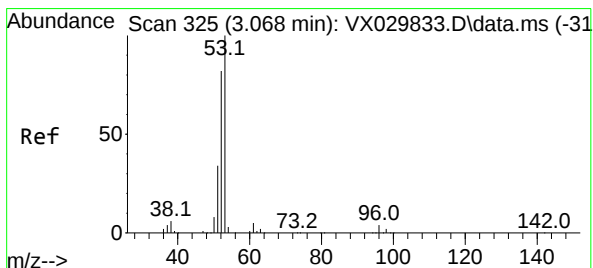
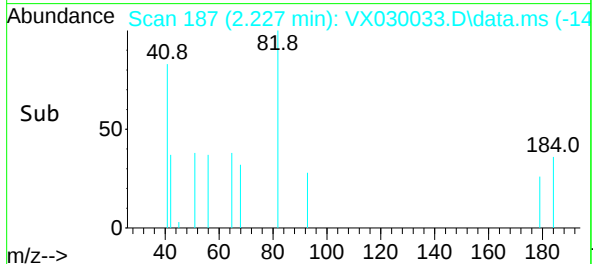
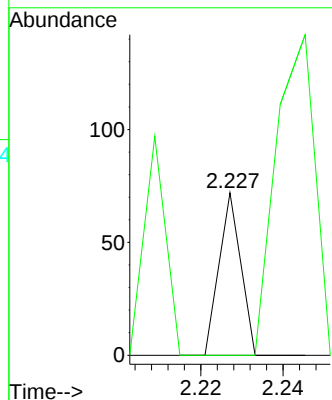
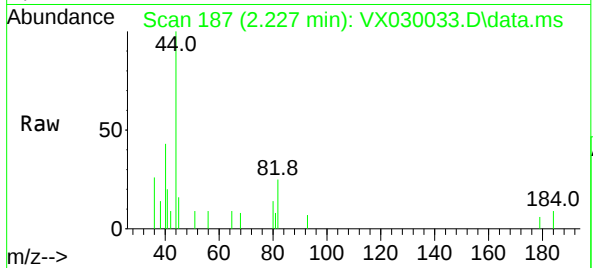




#13
Acrolein
Concen: 0.221 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

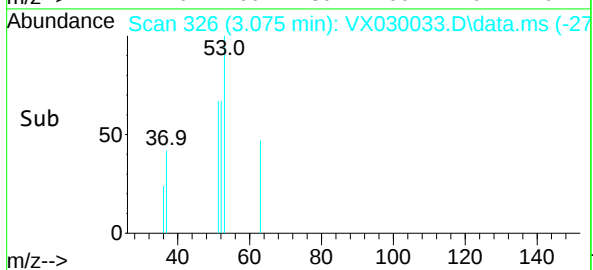
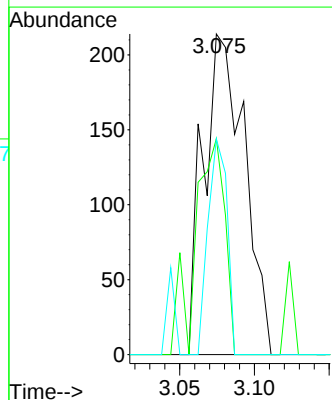
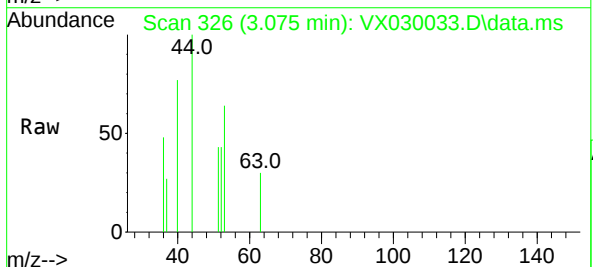
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

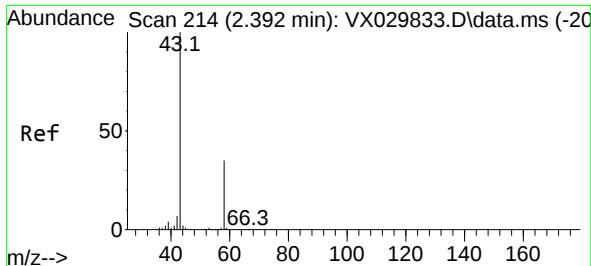
Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 357.7 56.6 84.8#



#15
Acrylonitrile
Concen: 0.305 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion: 53 Resp: 409
Ion Ratio Lower Upper
53 100
52 48.4 65.4 98.0#
51 31.3 27.7 41.5

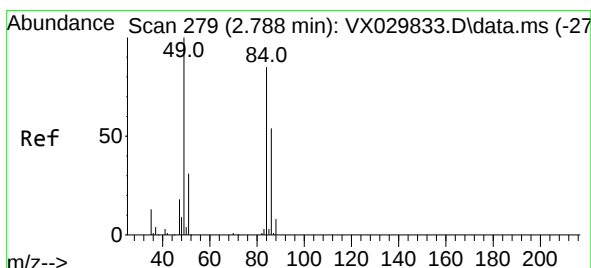
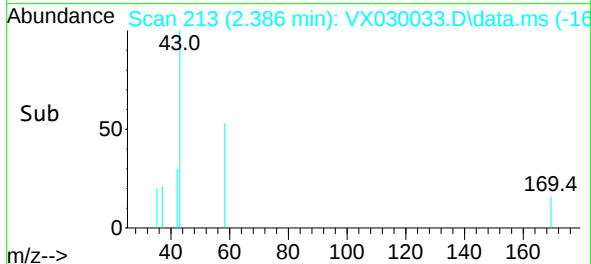
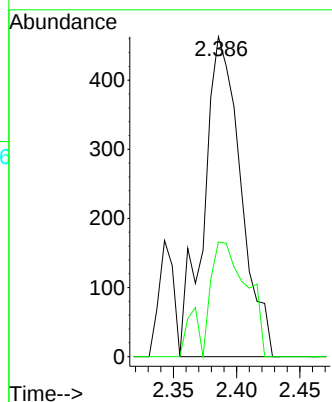
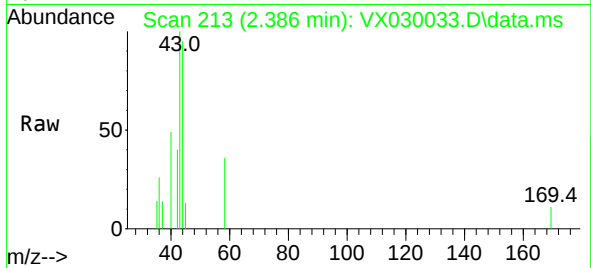




#16
Acetone
Concen: 0.868 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

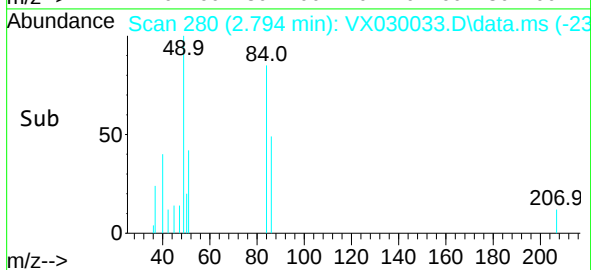
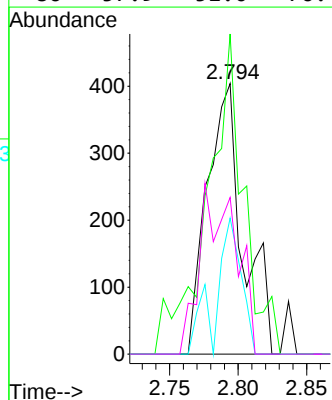
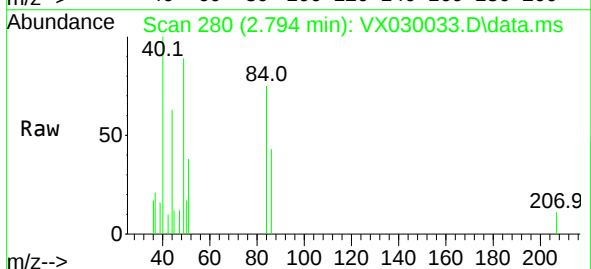
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

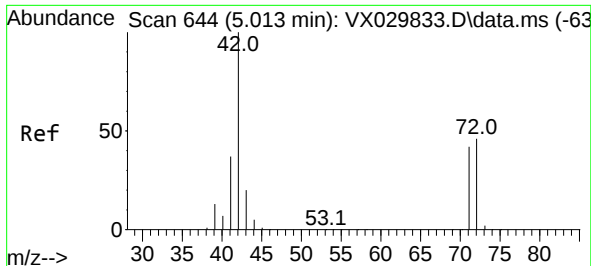
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 35.9 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion: 84 Resp: 731
Ion Ratio Lower Upper
84 100
49 118.3 93.8 140.6
51 50.2 29.4 44.0#
86 57.9 51.0 76.4





#29

Tetrahydrofuran

Concen: 0.320 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX030033.D

Acq: 13 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0713MBL01

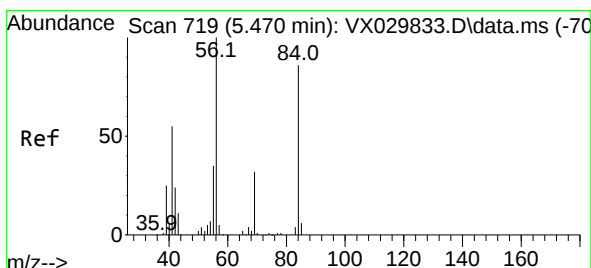
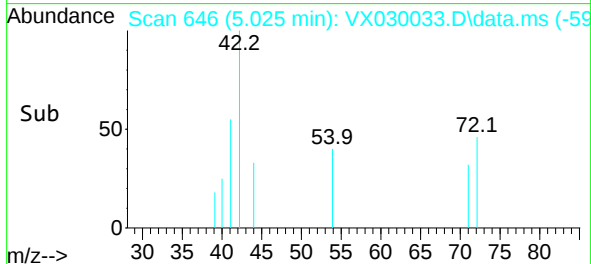
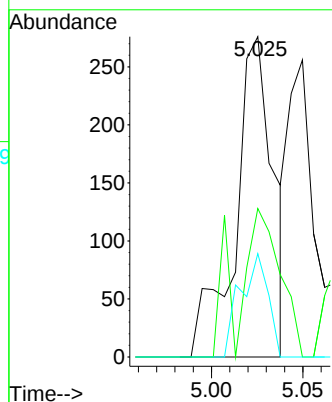
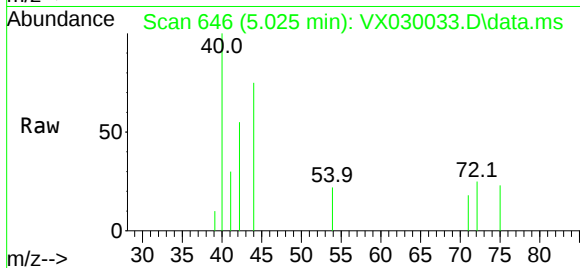
Tgt Ion: 42 Resp: 399

Ion Ratio Lower Upper

42 100

72 39.8 36.5 54.7

71 23.6 33.9 50.9#



#31

Cyclohexane

Concen: 1.183 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030033.D

Acq: 13 Jul 2022 10:25

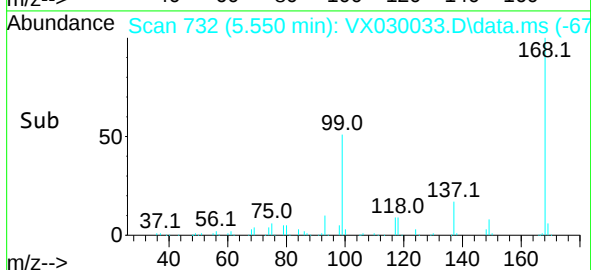
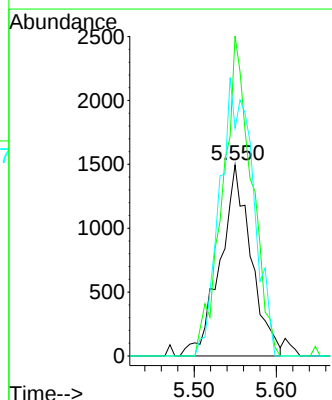
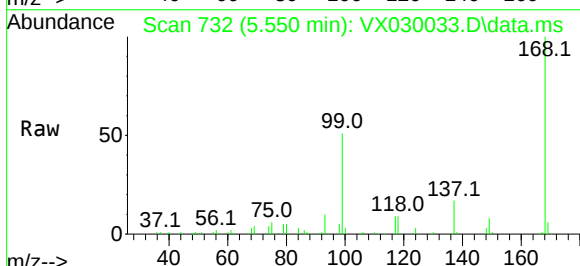
Tgt Ion: 56 Resp: 3920

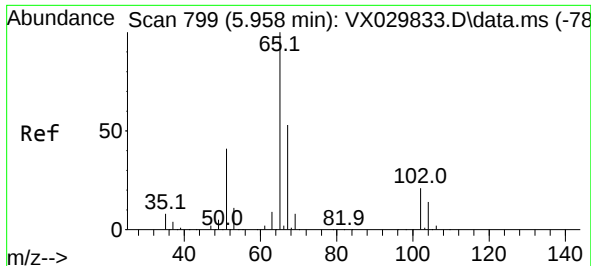
Ion Ratio Lower Upper

56 100

69 167.6 25.4 38.0#

84 119.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.972 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030033.D

Acq: 13 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

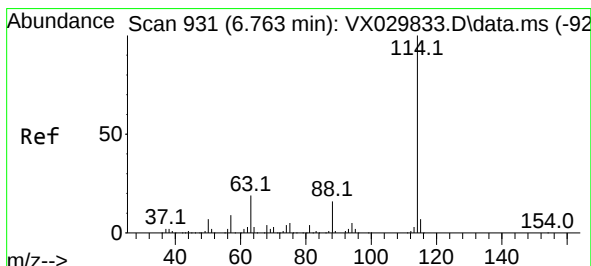
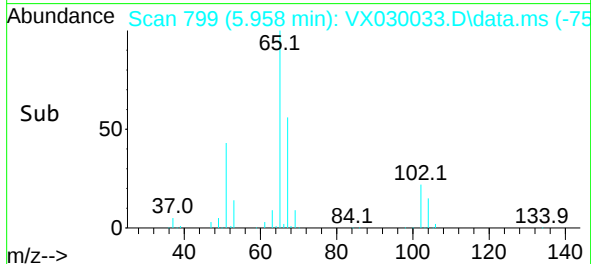
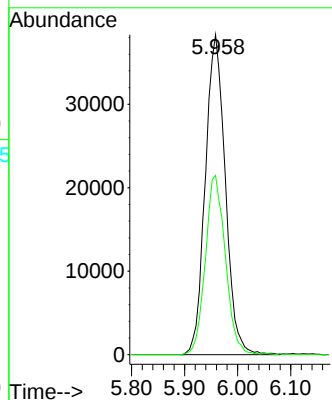
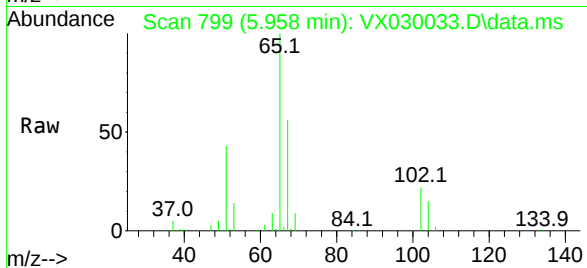
VX0713MBL01

Tgt Ion: 65 Resp: 100535

Ion Ratio Lower Upper

65 100

67 56.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030033.D

Acq: 13 Jul 2022 10:25

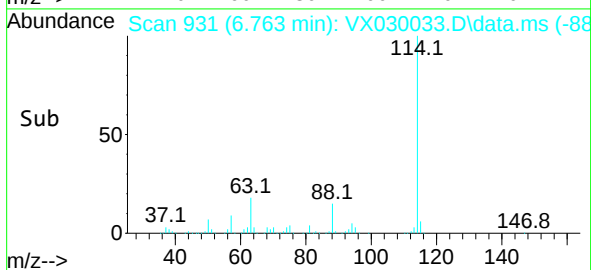
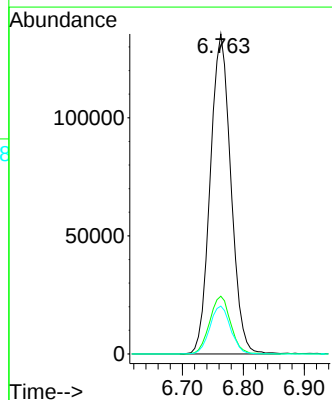
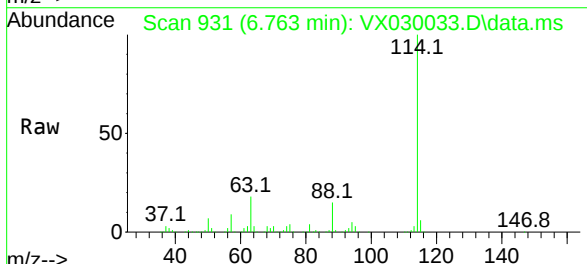
Tgt Ion: 114 Resp: 317936

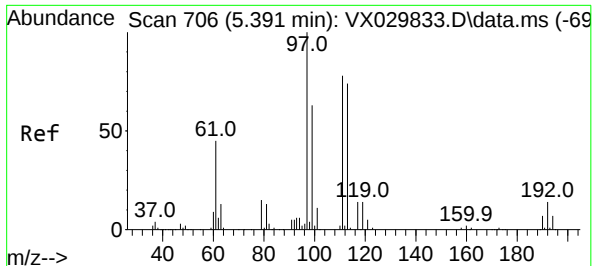
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.522 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX030033.D

Acq: 13 Jul 2022 10:25

Instrument :

MSVOA_X

ClientSampleId :

VX0713MBL01

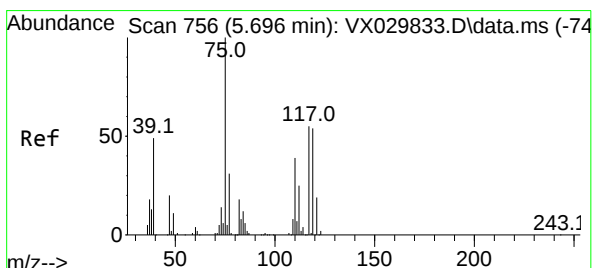
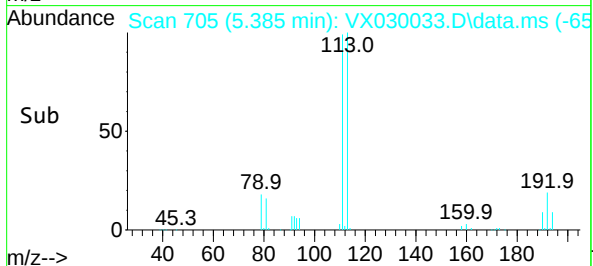
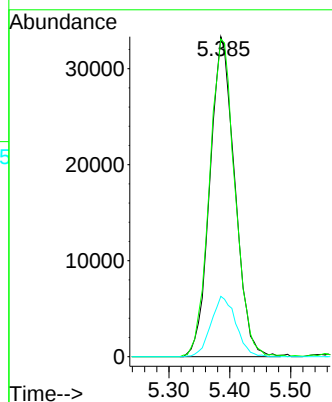
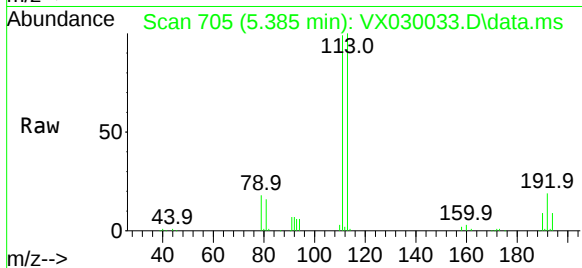
Tgt Ion:113 Resp: 94490

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.187 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX030033.D

Acq: 13 Jul 2022 10:25

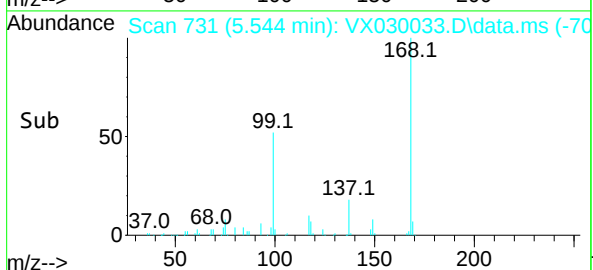
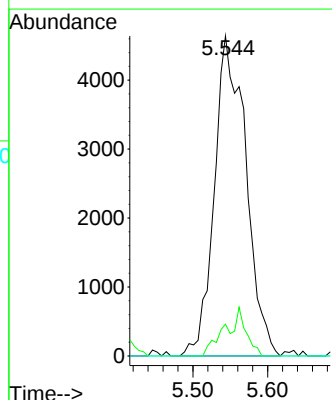
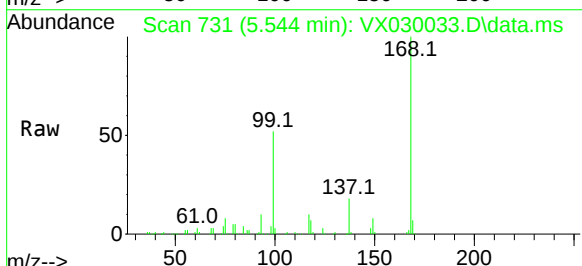
Tgt Ion: 75 Resp: 13608

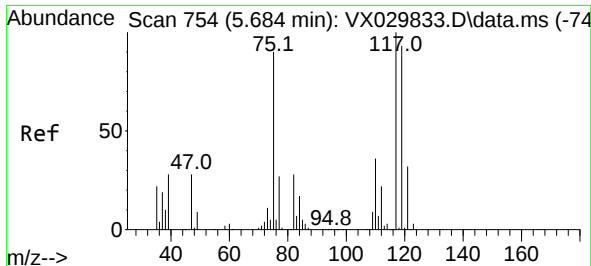
Ion Ratio Lower Upper

75 100

110 10.1 19.3 57.9#

77 0.0 24.4 36.6#

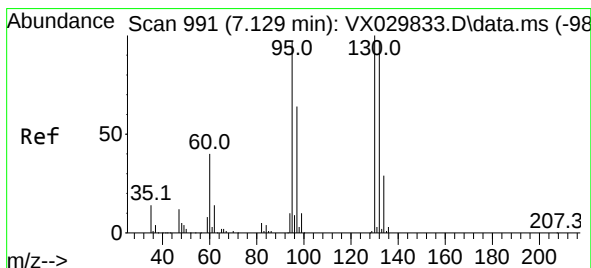
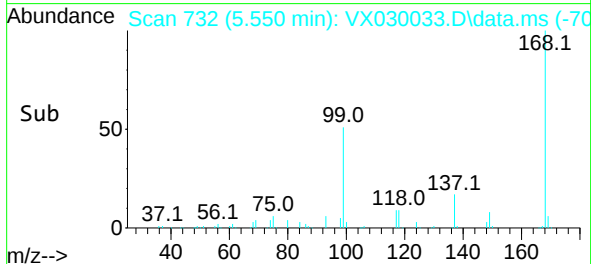
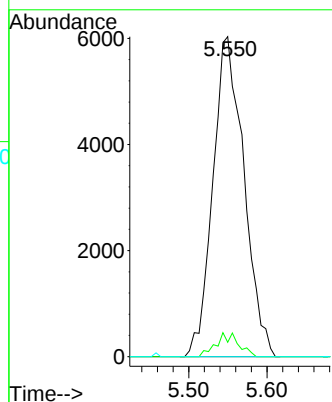
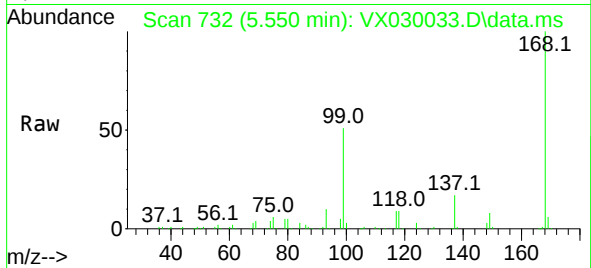




#38
Carbon Tetrachloride
Concen: 6.794 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

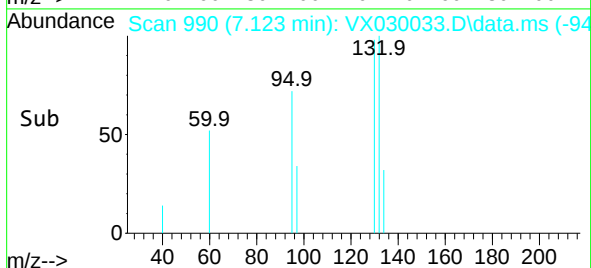
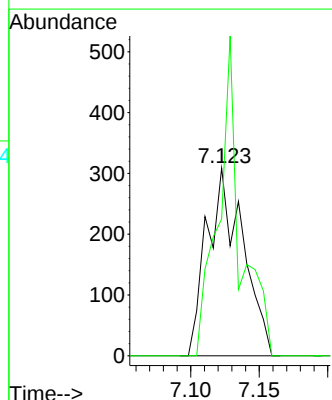
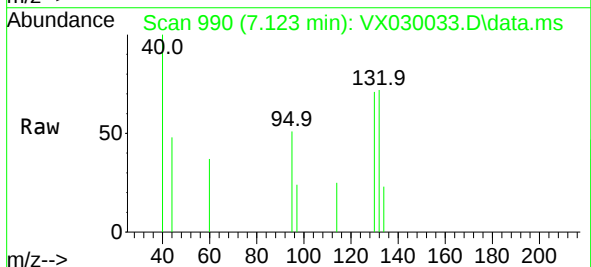
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

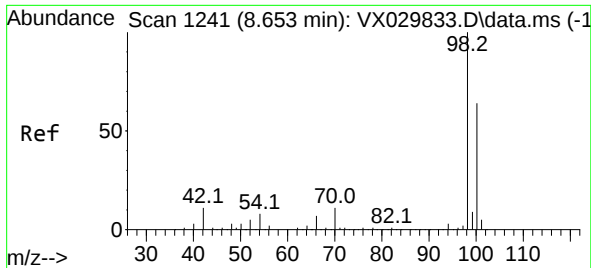
Tgt Ion:117 Resp: 16621
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.233 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion:130 Resp: 562
Ion Ratio Lower Upper
130 100
95 72.8 0.0 194.8

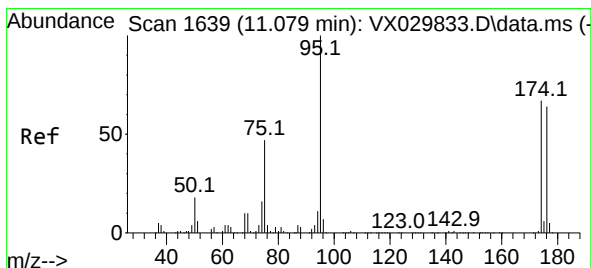
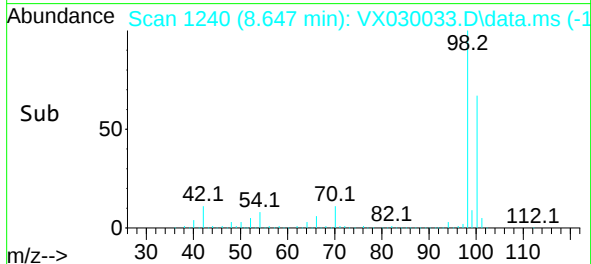
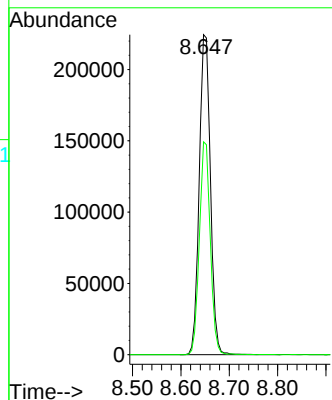
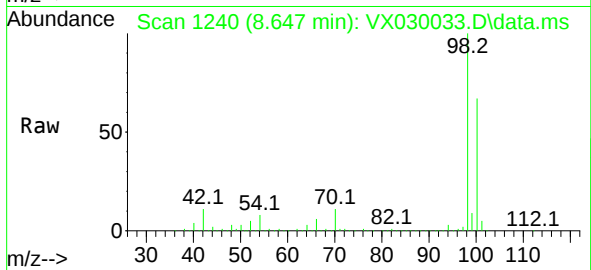




#50
Toluene-d8
Concen: 47.001 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

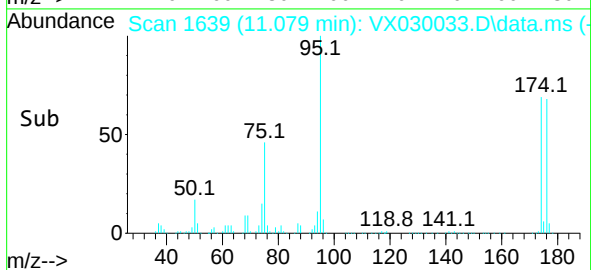
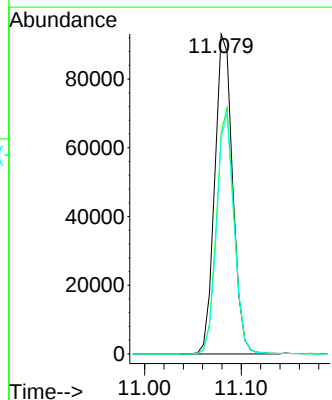
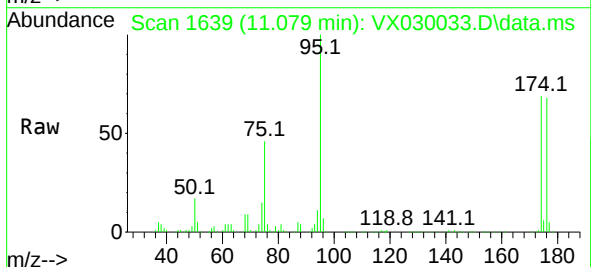
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

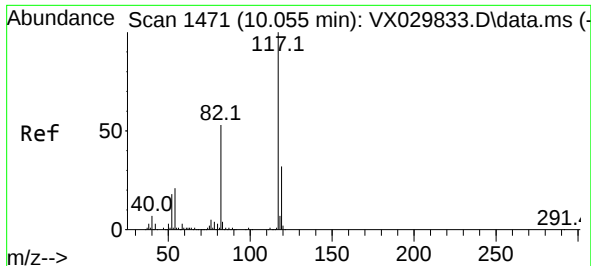
Tgt Ion: 98 Resp: 359030
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 45.086 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion: 95 Resp: 119519
Ion Ratio Lower Upper
95 100
174 76.0 0.0 149.0
176 72.9 0.0 146.0

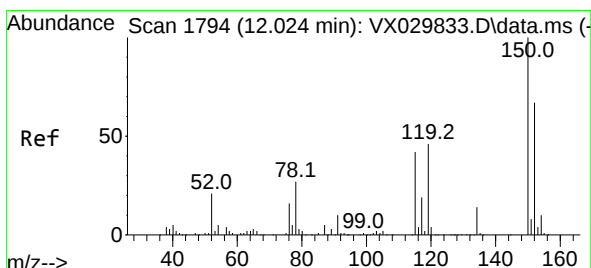
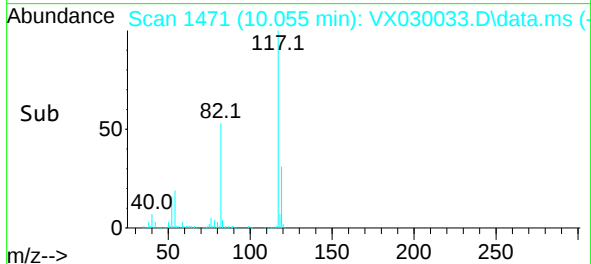
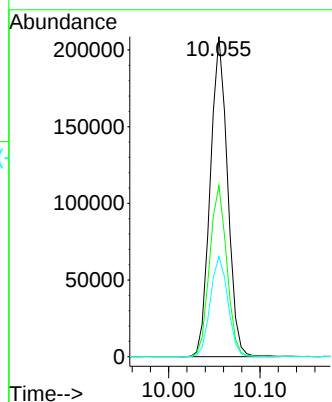
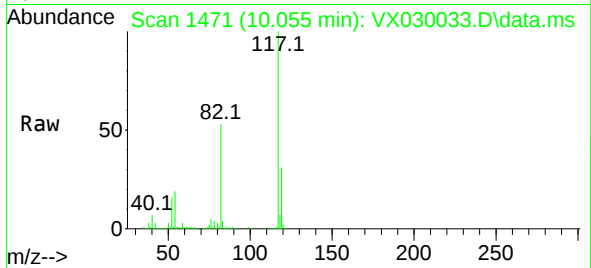




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

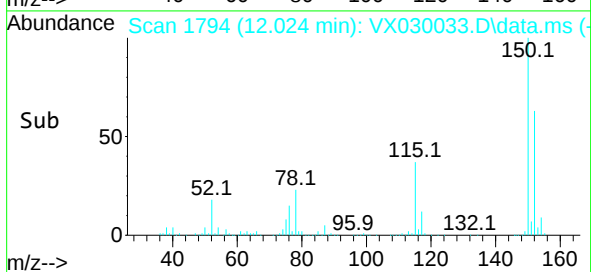
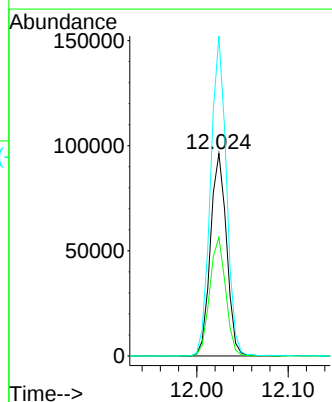
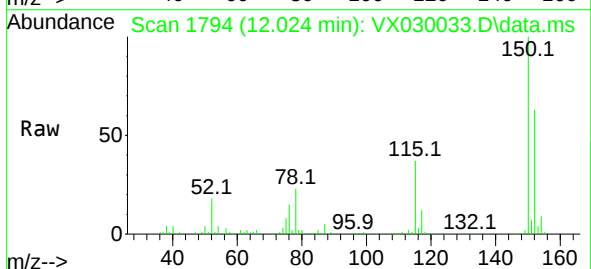
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

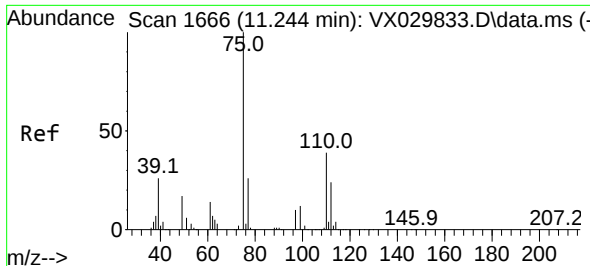
Tgt Ion:117 Resp: 273371
Ion Ratio Lower Upper
117 100
82 53.5 42.7 64.1
119 31.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion:152 Resp: 117564
Ion Ratio Lower Upper
152 100
115 57.9 40.5 121.5
150 155.0 0.0 347.0

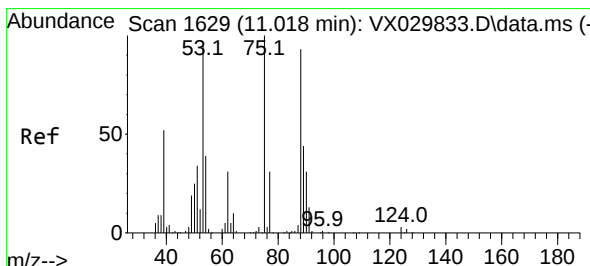
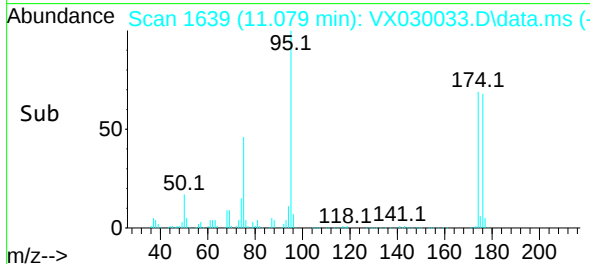
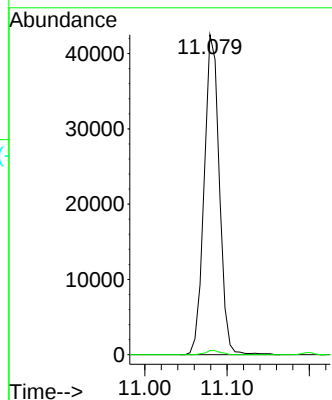
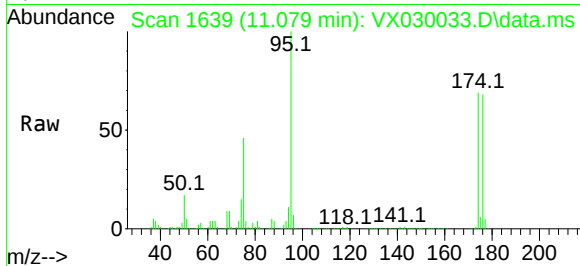




#76
1,2,3-Trichloropropane
Concen: 20.159 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

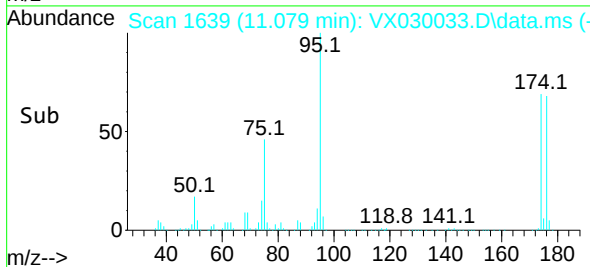
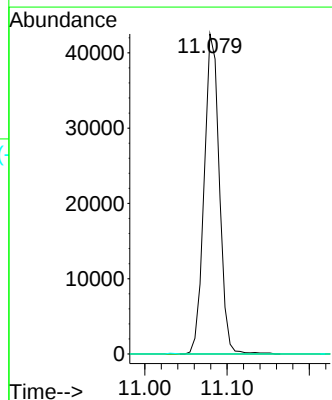
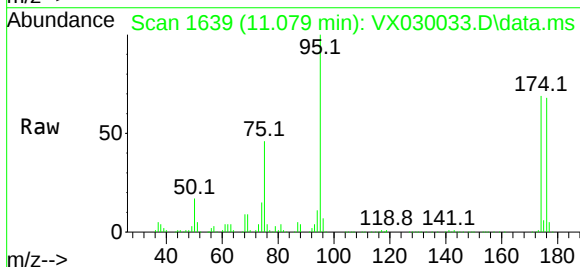
Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

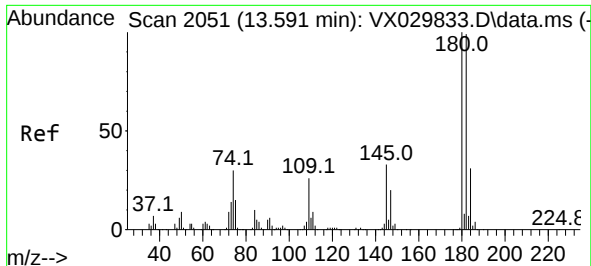
Tgt Ion: 75 Resp: 54491
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion: 75 Resp: 54491
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

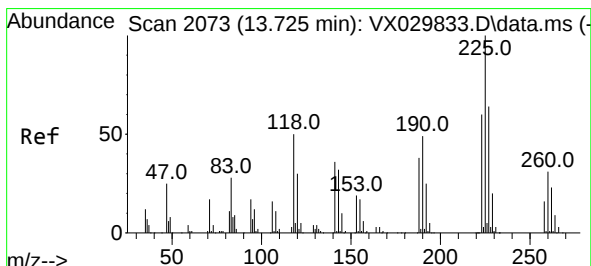
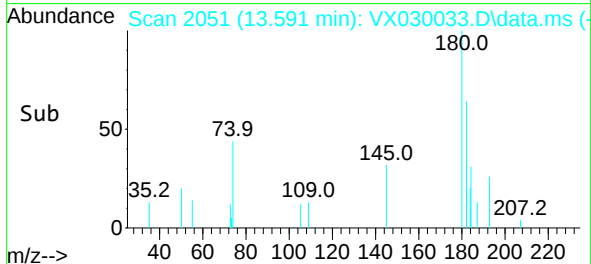
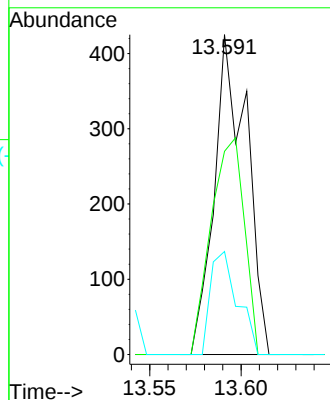
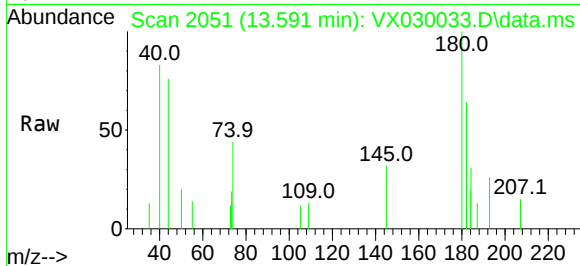




#93
1,2,4-Trichlorobenzene
Concen: 0.221 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Instrument :
MSVOA_X
ClientSampleId :
VX0713MBL01

Tgt Ion:180	Resp:	523
Ion Ratio	Lower	Upper
180	100	
182	69.6	48.2 144.6
145	27.2	15.9 47.6



#94
Hexachlorobutadiene
Concen: 0.297 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX030033.D
Acq: 13 Jul 2022 10:25

Tgt Ion:225	Resp:	280
Ion Ratio	Lower	Upper
225	100	
223	49.3	30.6 91.6
227	96.8	31.9 95.9#

