

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
 Data File : VX036117.D
 Acq On : 12 Jun 2023 12:48
 Operator : JC/MD
 Sample : VX0612MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612MBL01

Quant Time: Jun 13 04:46:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

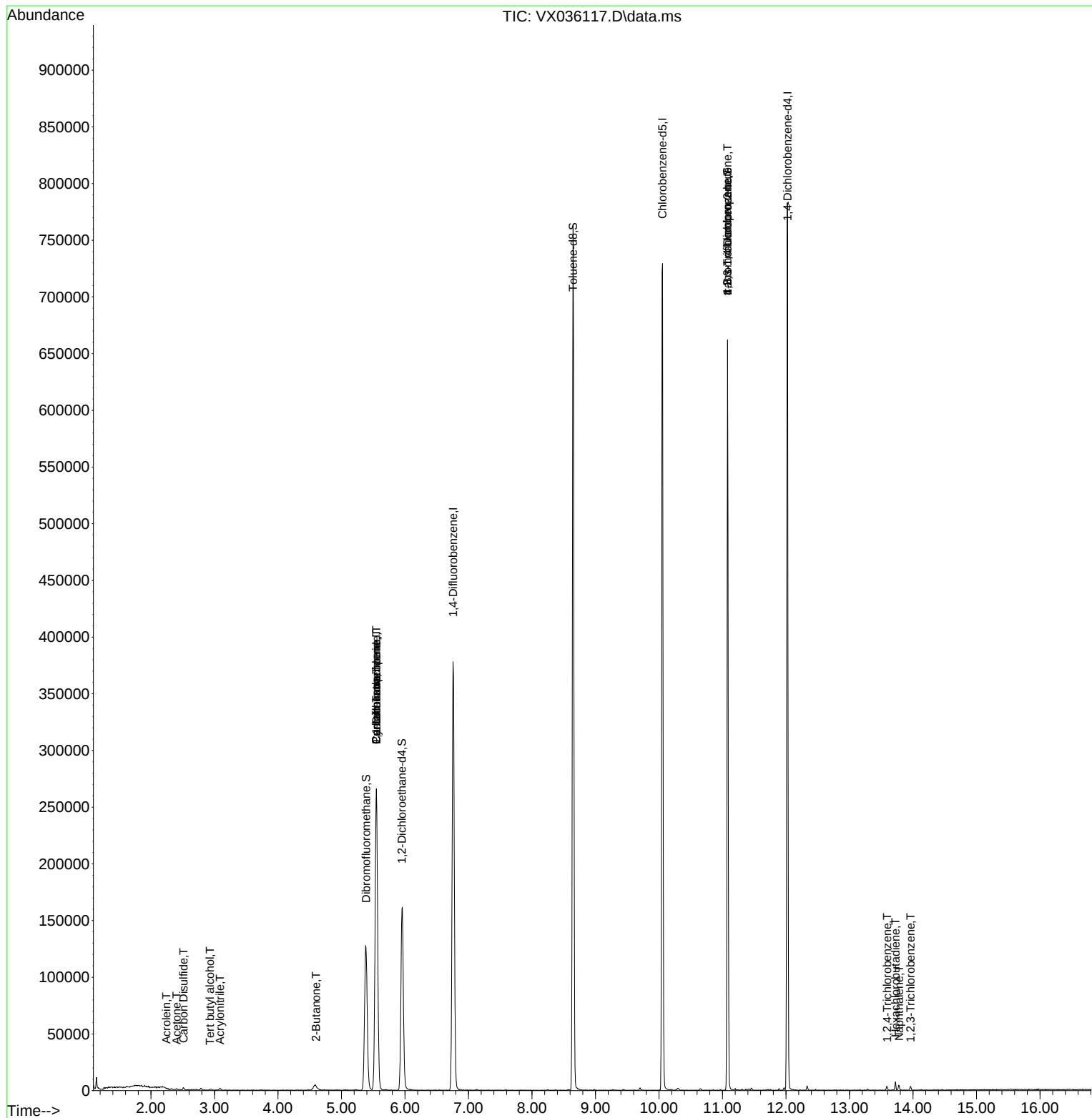
Internal Standards						
1) Pentafluorobenzene	5.550	168	227615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	363425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166480	45.042	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.080%		
35) Dibromofluoromethane	5.385	113	112673	46.095	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.180%		
50) Toluene-d8	8.647	98	430876	49.116	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.240%		
62) 4-Bromofluorobenzene	11.079	95	168483	48.651	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.300%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.928	59	593	0.903	ug/l #	78
13) Acrolein	2.240	56	383	0.606	ug/l #	69
15) Acrylonitrile	3.087	53	593	0.385	ug/l #	86
16) Acetone	2.404	43	1167	0.765	ug/l	99
17) Carbon Disulfide	2.514	76	2236	0.391	ug/l	98
25) 2-Butanone	4.599	43	639	0.293	ug/l #	51
31) Cyclohexane	5.550	56	5824	1.505	ug/l #	21
36) 1,1-Dichloropropene	5.550	75	21628	6.636	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25481	8.023	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	90770	26.666	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	90770	89.820	ug/l #	3
93) 1,2,4-Trichlorobenzene	13.591	180	827	0.287	ug/l	93
94) Hexachlorobutadiene	13.725	225	998	0.912	ug/l	90
95) Naphthalene	13.780	128	3165	0.316	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	912	0.321	ug/l	94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061223\
Data File : VX036117.D
Acq On : 12 Jun 2023 12:48
Operator : JC/MD
Sample : VX0612MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

Quant Time: Jun 13 04:46:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration





#1
Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX036117.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

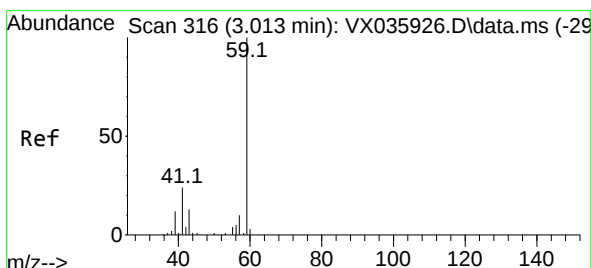
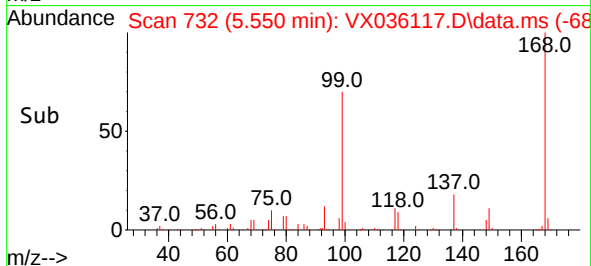
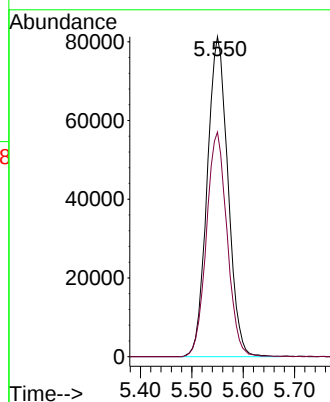
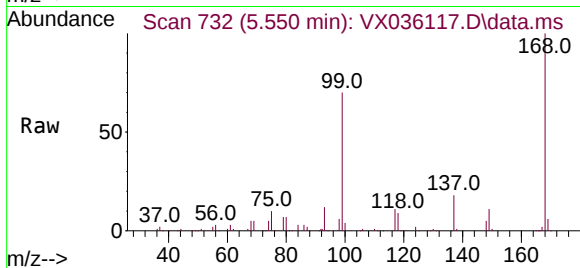
VX0612MBL01

Tgt Ion:168 Resp: 227615

Ion Ratio Lower Upper

168 100

99 70.2 57.0 85.6



#11

Tert butyl alcohol

Concen: 0.903 ug/l

RT: 2.928 min Scan# 302

Delta R.T. -0.079 min

Lab File: VX036117.D

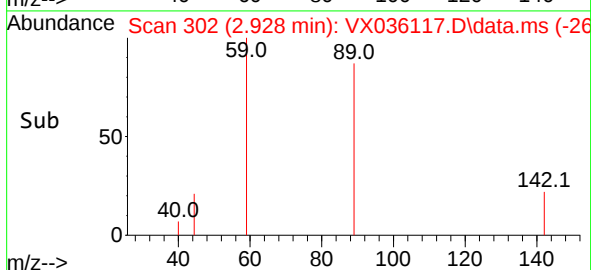
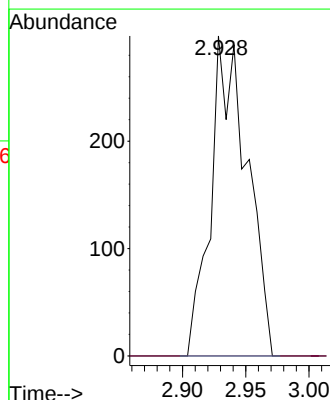
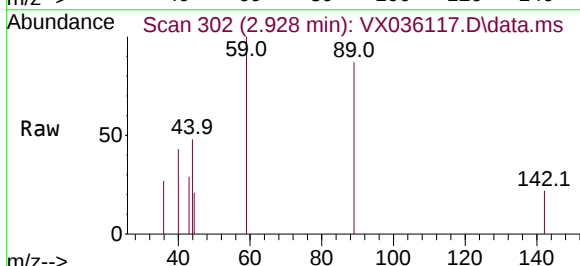
Acq: 12 Jun 2023 12:48

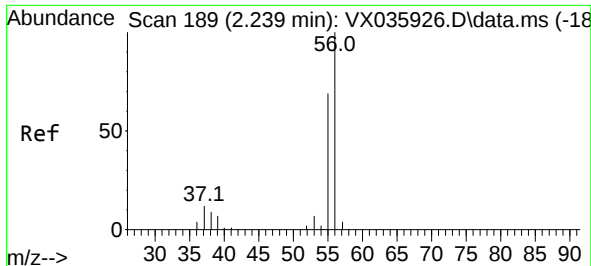
Tgt Ion: 59 Resp: 593

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

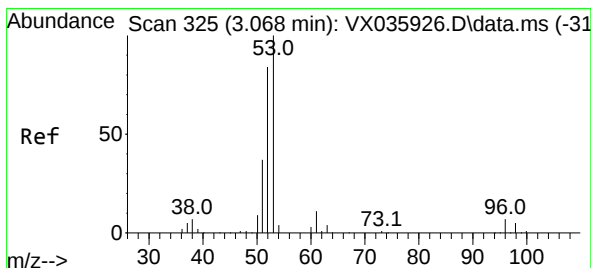
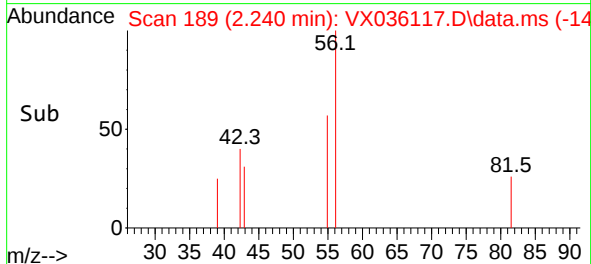
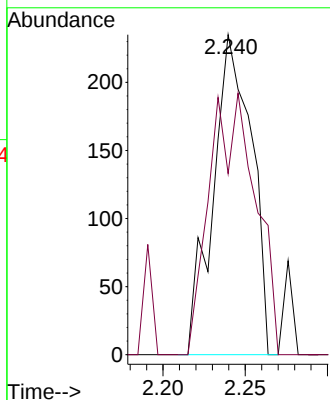
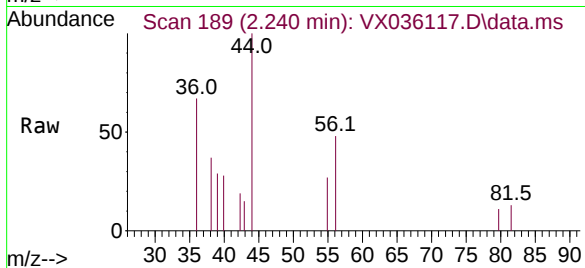




#13
Acrolein
Concen: 0.606 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

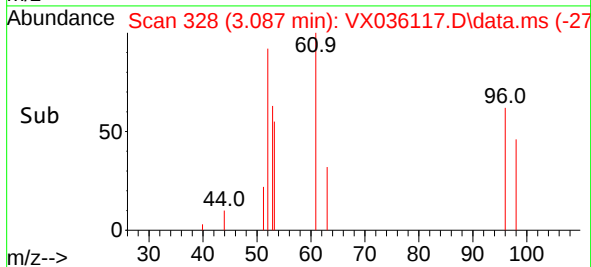
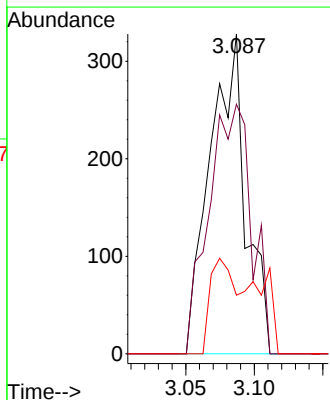
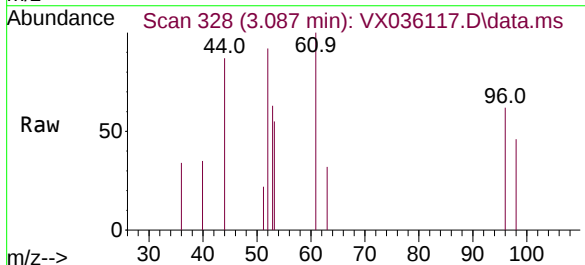
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

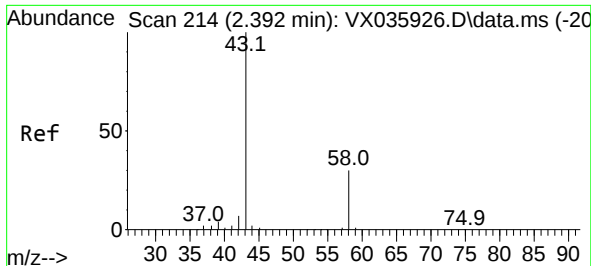
Tgt Ion: 56 Resp: 383
Ion Ratio Lower Upper
56 100
55 97.7 57.3 85.9#



#15
Acrylonitrile
Concen: 0.385 ug/l
RT: 3.087 min Scan# 328
Delta R.T. 0.019 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 53 Resp: 593
Ion Ratio Lower Upper
53 100
52 93.8 67.0 100.4
51 24.1 29.8 44.8#

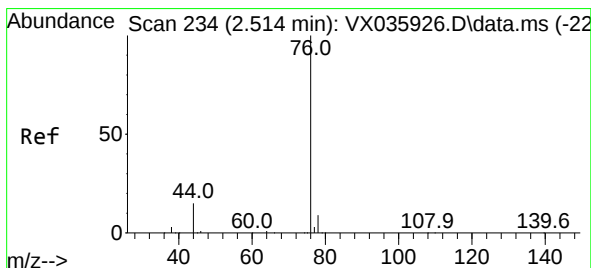
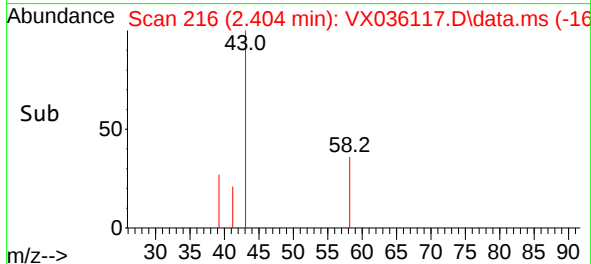
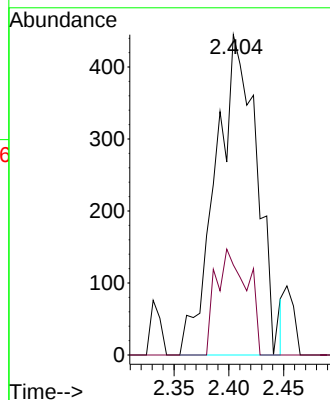
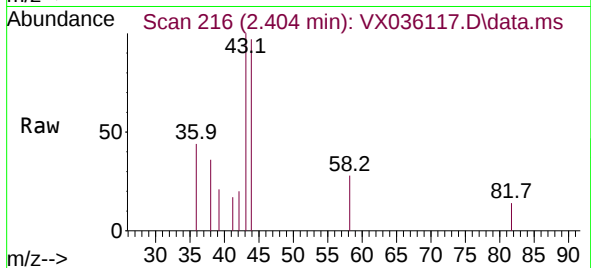




#16
Acetone
Concen: 0.765 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.013 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

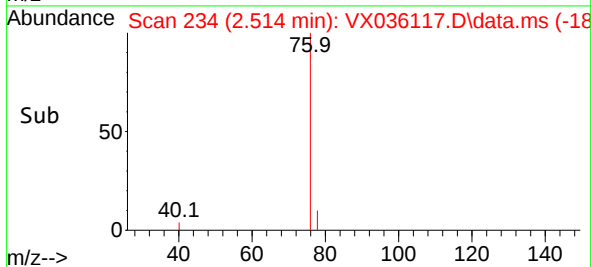
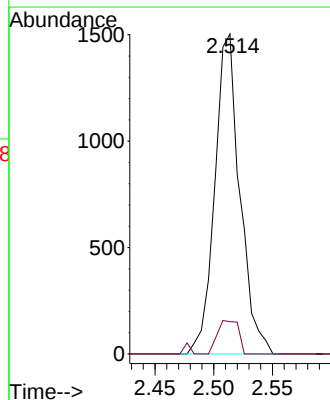
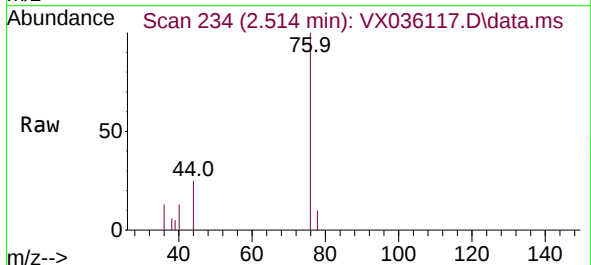
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

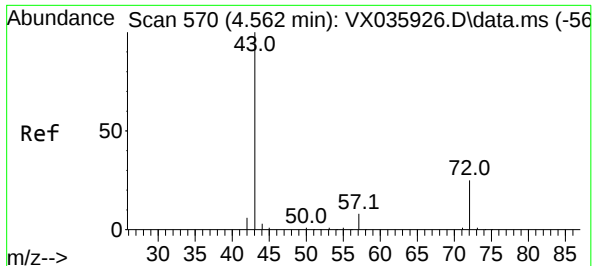
Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.2



#17
Carbon Disulfide
Concen: 0.391 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 76 Resp: 2236
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4





#25

2-Butanone

Concen: 0.293 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX036117.D

Acq: 12 Jun 2023 12:48

Instrument :

MSVOA_X

ClientSampleId :

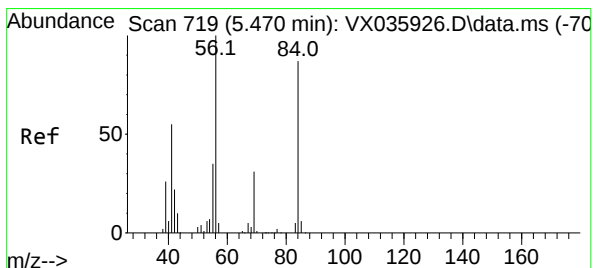
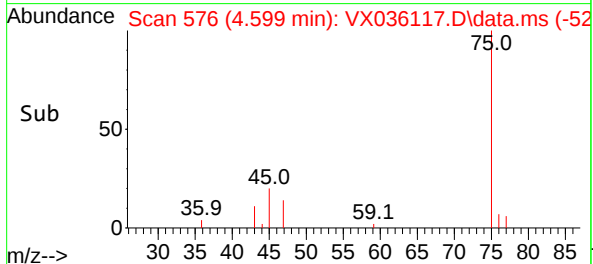
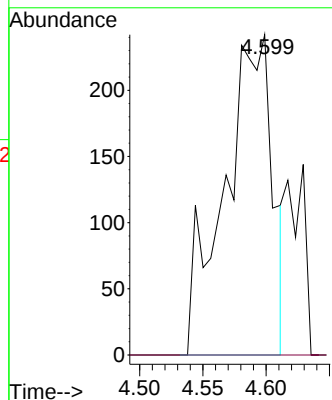
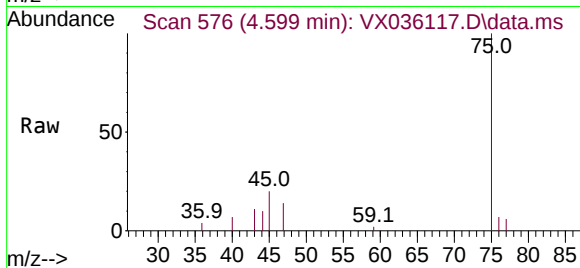
VX0612MBL01

Tgt Ion: 43 Resp: 639

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.2#



#31

Cyclohexane

Concen: 1.505 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX036117.D

Acq: 12 Jun 2023 12:48

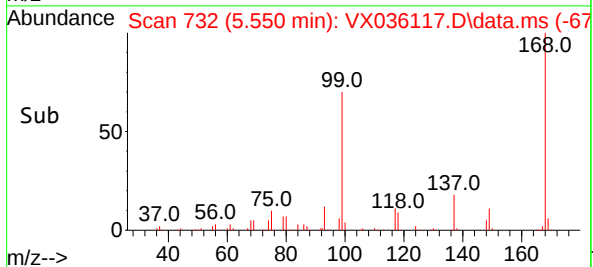
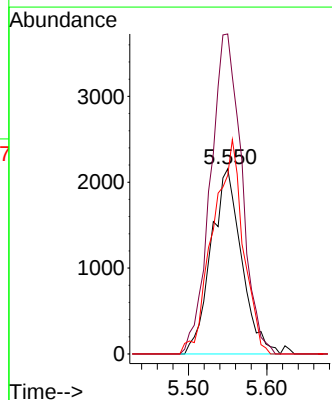
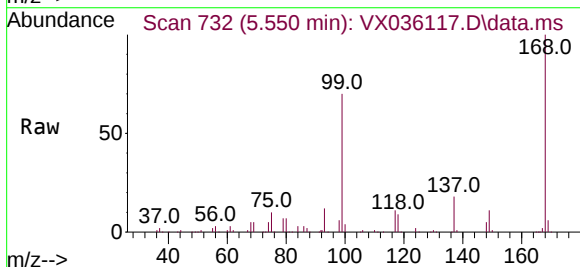
Tgt Ion: 56 Resp: 5824

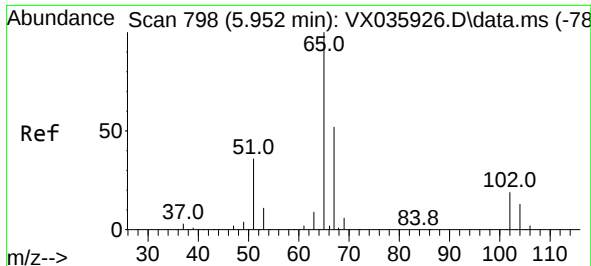
Ion Ratio Lower Upper

56 100

69 172.9 25.9 38.9#

84 96.5 67.6 101.4

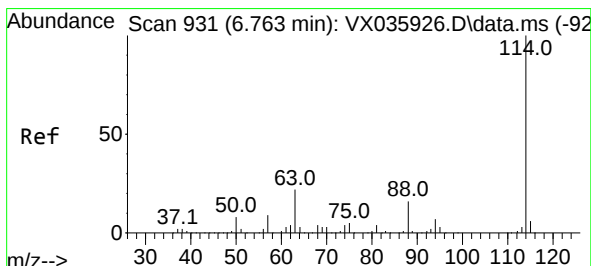
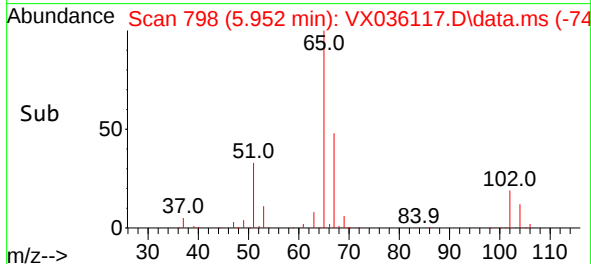
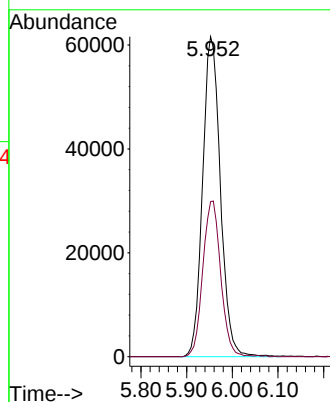
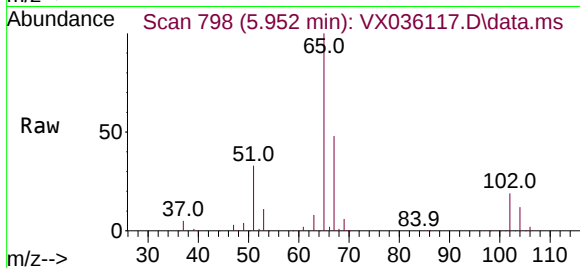




#33
 1,2-Dichloroethane-d4
 Concen: 45.042 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX036117.D
 Acq: 12 Jun 2023 12:48

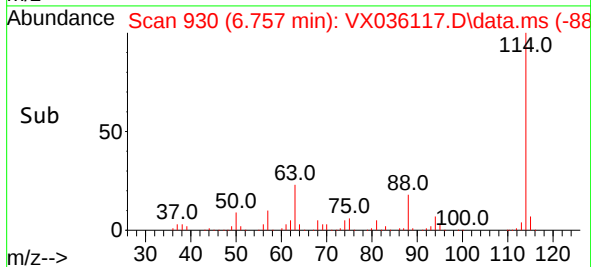
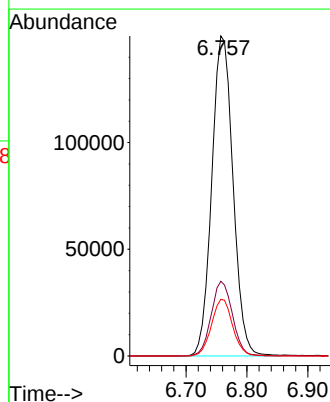
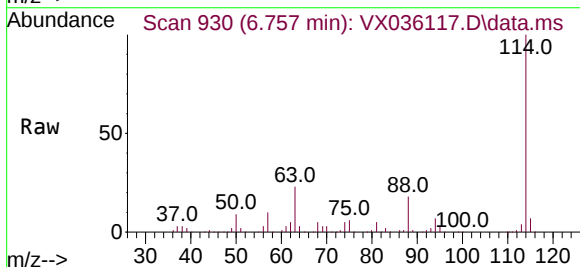
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612MBL01

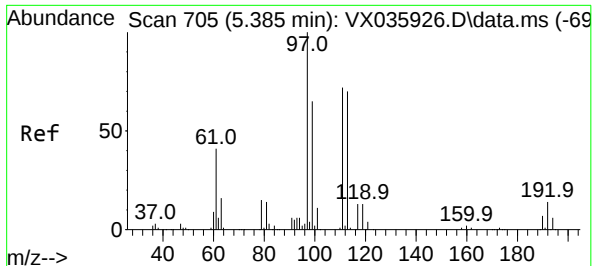
Tgt Ion: 65 Resp: 166480
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX036117.D
 Acq: 12 Jun 2023 12:48

Tgt Ion: 114 Resp: 363425
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 46.0
 88 17.7 0.0 35.2

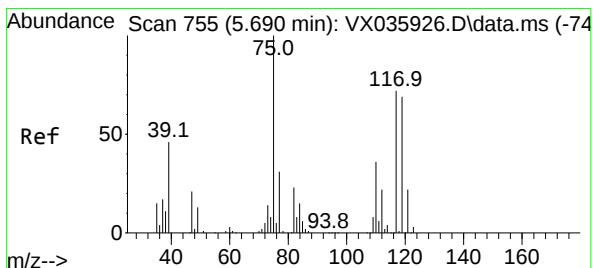
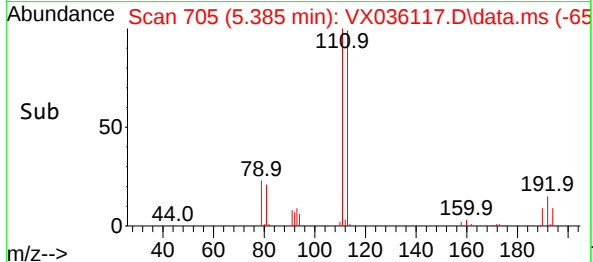
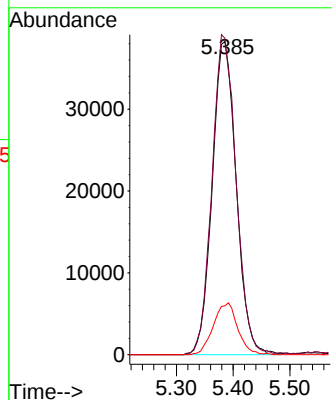
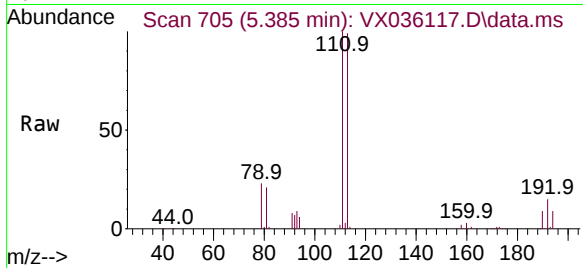




#35
Dibromofluoromethane
Concen: 46.095 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

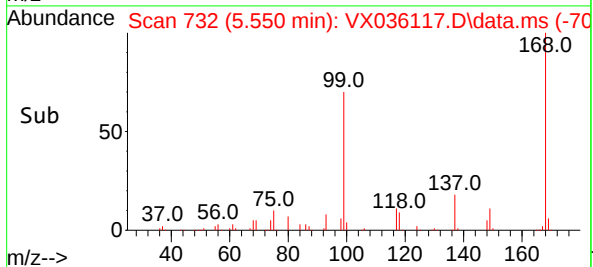
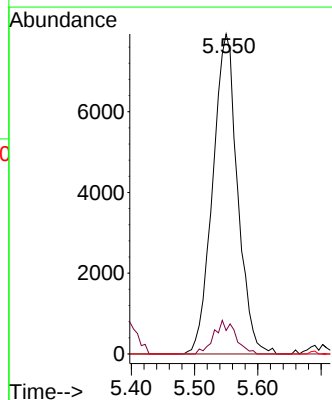
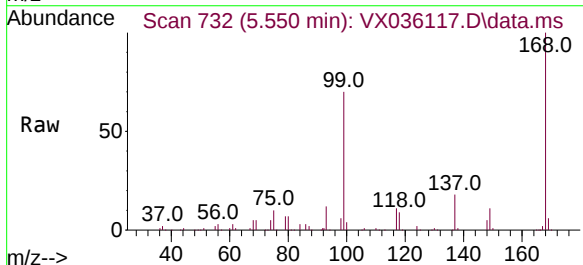
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

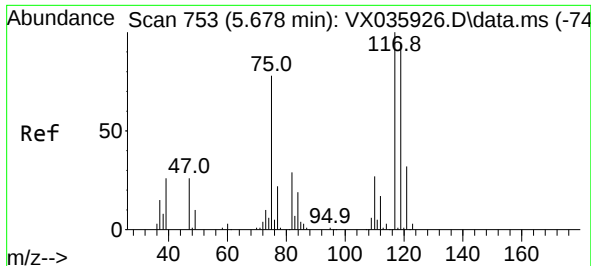
Tgt Ion:113 Resp: 112673
Ion Ratio Lower Upper
113 100
111 102.5 81.7 122.5
192 16.7 13.5 20.3



#36
1,1-Dichloropropene
Concen: 6.636 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

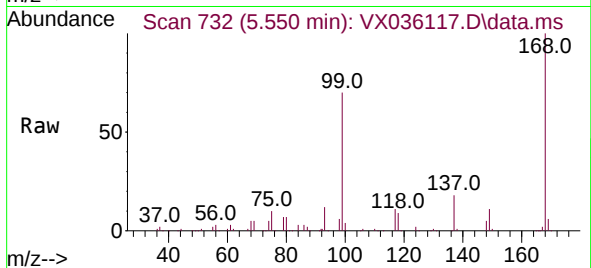
Tgt Ion: 75 Resp: 21628
Ion Ratio Lower Upper
75 100
110 9.0 16.6 49.7#
77 0.0 24.4 36.6#



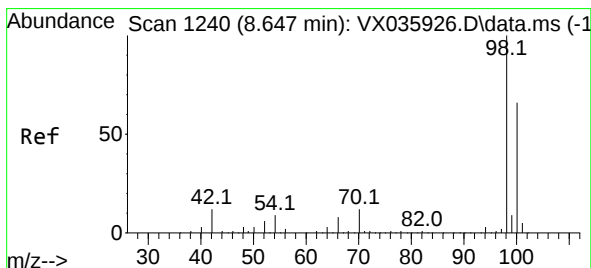
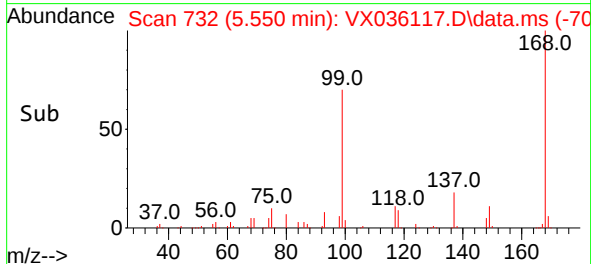
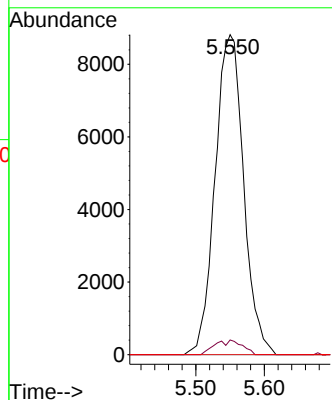


#38
Carbon Tetrachloride
Concen: 8.023 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.127 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

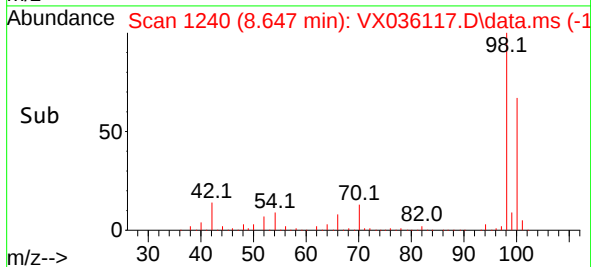
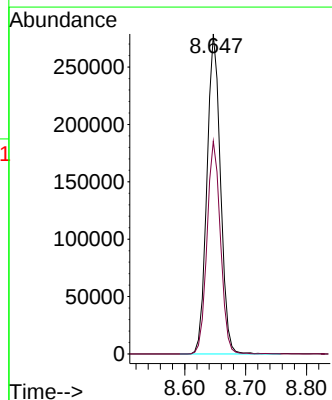
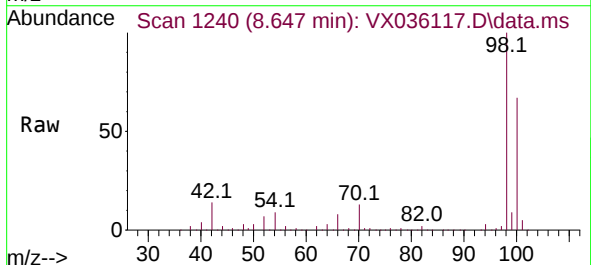


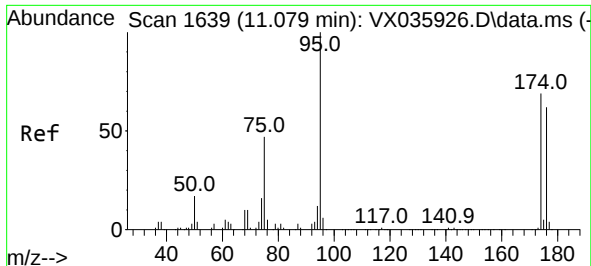
Tgt Ion:117 Resp: 25481
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 49.116 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 98 Resp: 430876
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

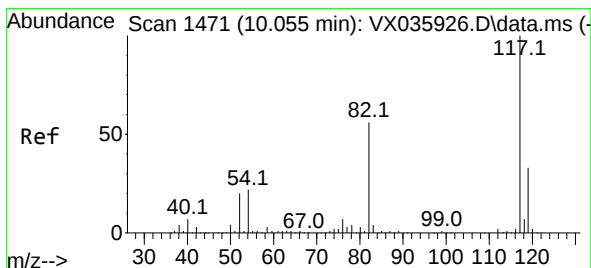
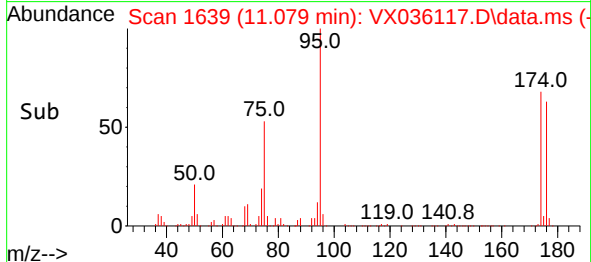
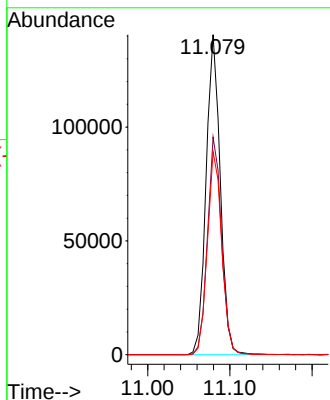
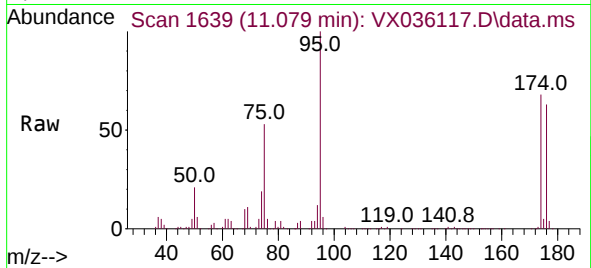




#62
4-Bromofluorobenzene
Concen: 48.651 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

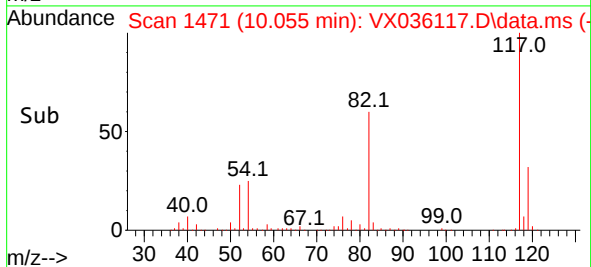
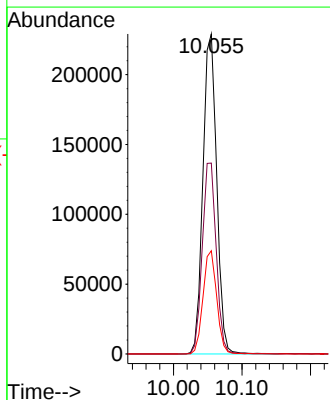
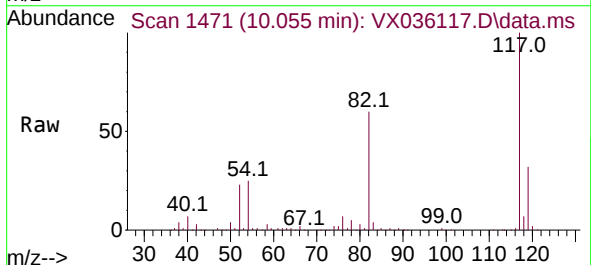
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

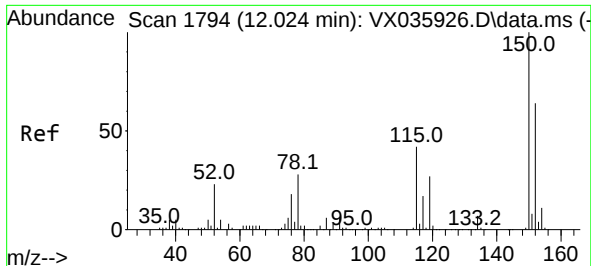
Tgt Ion: 95 Resp: 168483
Ion Ratio Lower Upper
95 100
174 67.7 0.0 132.6
176 64.3 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Tgt Ion: 117 Resp: 321241
Ion Ratio Lower Upper
117 100
82 59.7 46.6 69.8
119 32.3 25.4 38.2

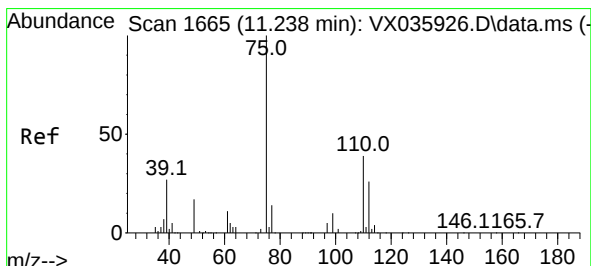
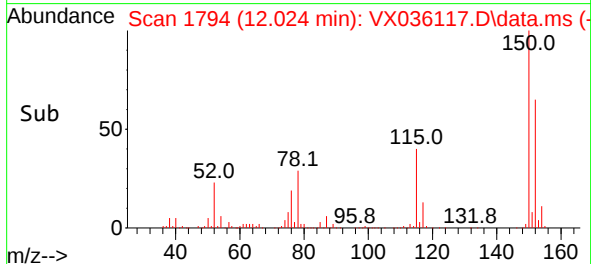
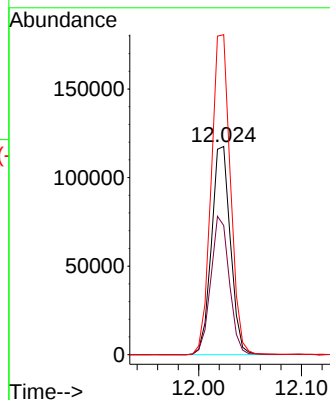
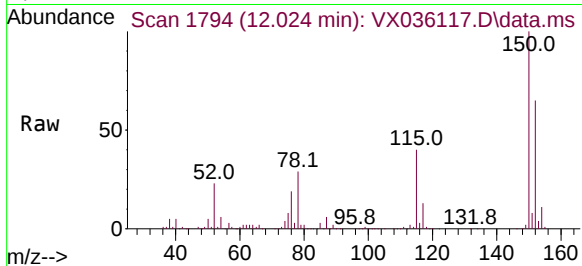




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036117.D
 Acq: 12 Jun 2023 12:48

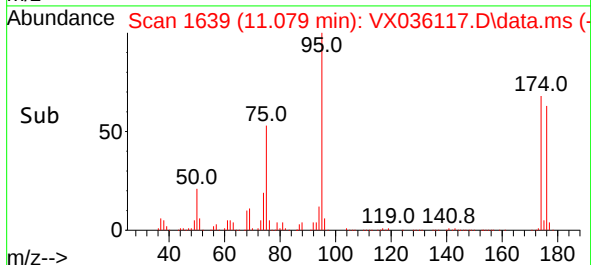
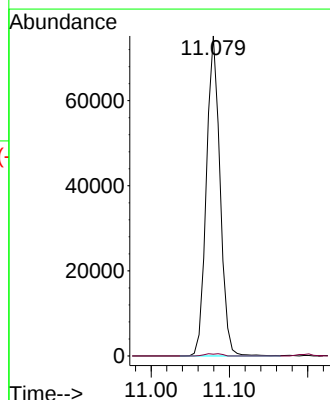
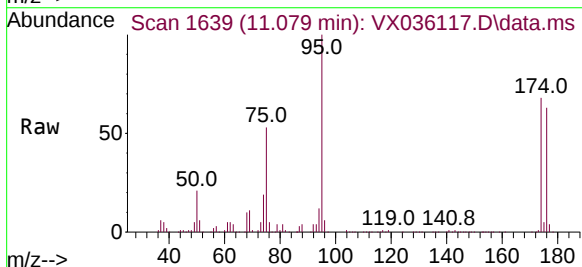
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612MBL01

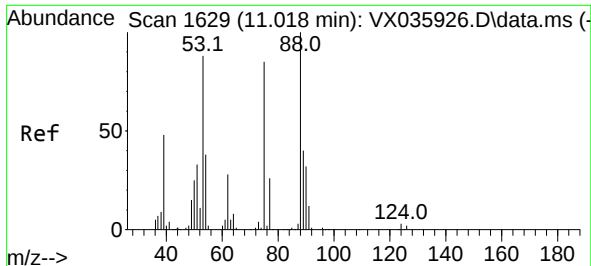
Tgt Ion:152 Resp: 150921
 Ion Ratio Lower Upper
 152 100
 115 64.8 45.5 136.5
 150 155.7 0.0 345.2



#76
 1,2,3-Trichloropropane
 Concen: 26.666 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX036117.D
 Acq: 12 Jun 2023 12:48

Tgt Ion: 75 Resp: 90770
 Ion Ratio Lower Upper
 75 100
 77 0.9 21.4 64.2#

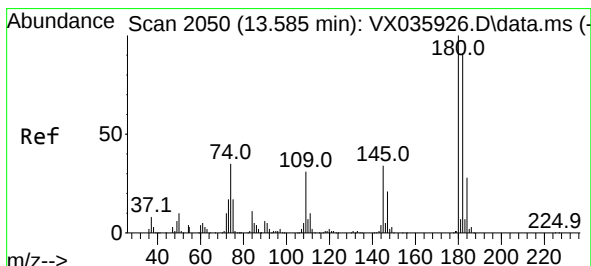
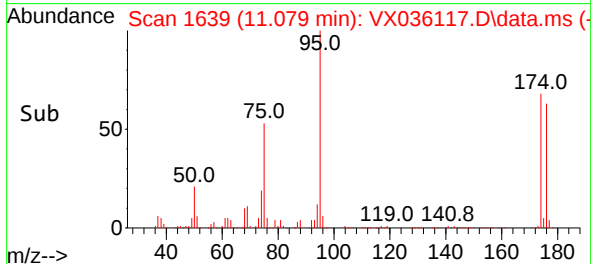
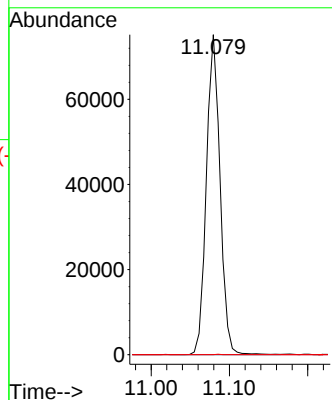
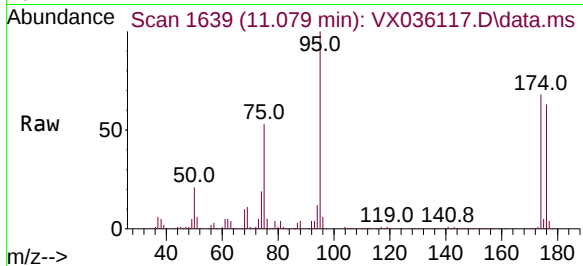




#81
trans-1,4-Dichloro-2-butene
Concen: 89.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

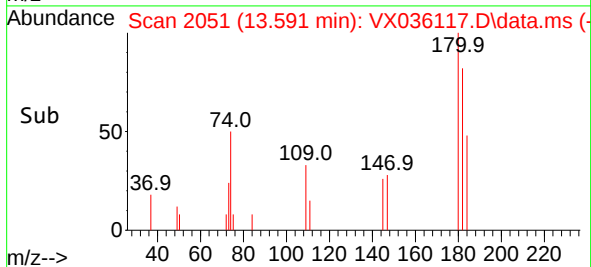
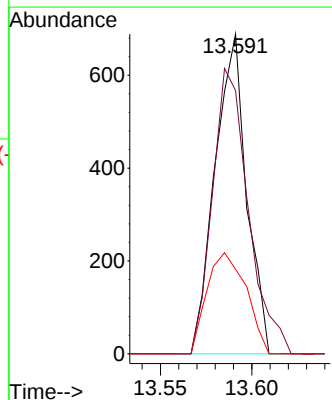
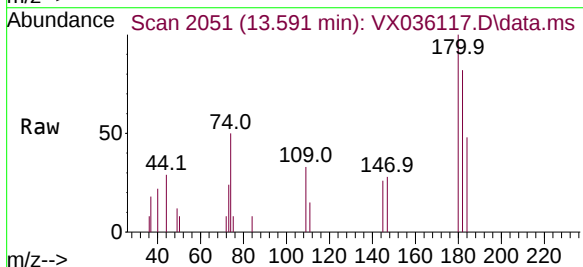
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

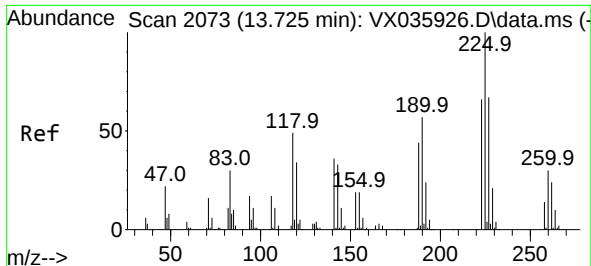
Tgt Ion: 75 Resp: 90770
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.287 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Tgt Ion:180 Resp: 827
Ion Ratio Lower Upper
180 100
182 101.5 47.3 141.8
145 39.3 17.3 51.9

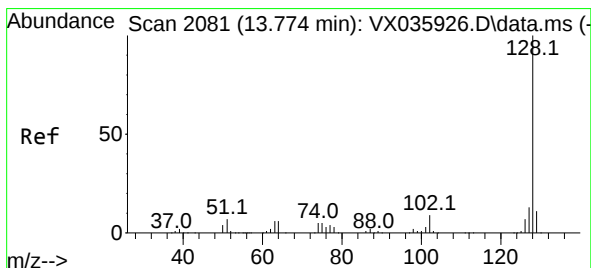
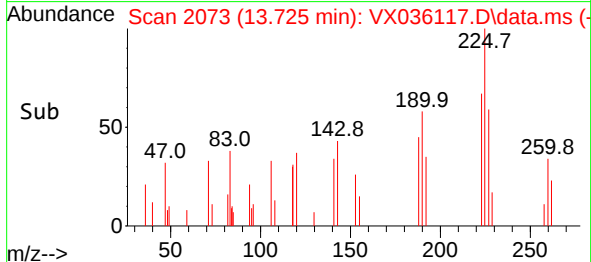
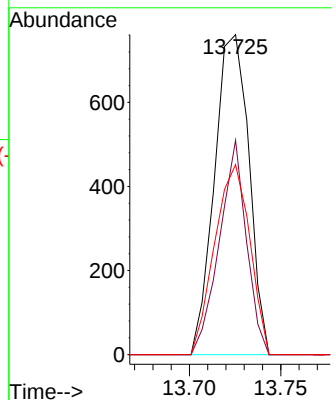
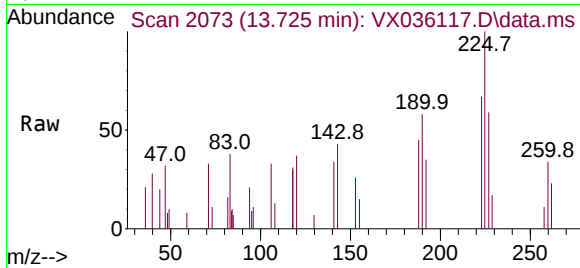




#94
Hexachlorobutadiene
Concen: 0.912 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

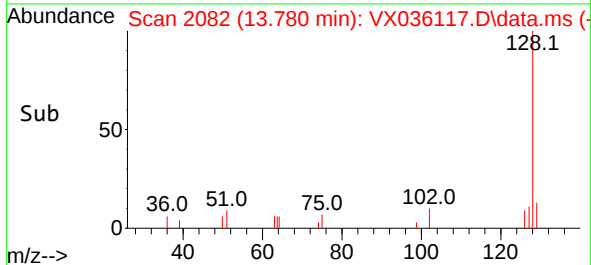
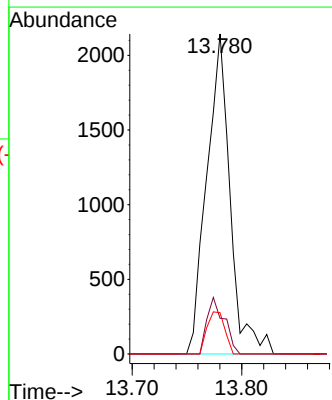
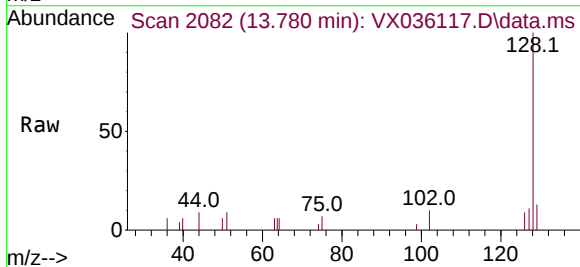
Instrument :
MSVOA_X
ClientSampleId :
VX0612MBL01

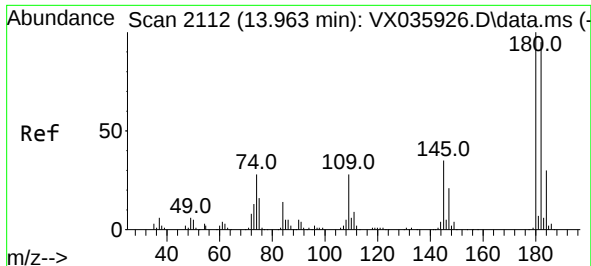
Tgt Ion:	225	Resp:	998
Ion	Ratio	Lower	Upper
225	100		
223	52.7	32.6	97.7
227	60.5	31.9	95.7



#95
Naphthalene
Concen: 0.316 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX036117.D
Acq: 12 Jun 2023 12:48

Tgt Ion:	128	Resp:	3165
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	9.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.321 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX036117.D
 Acq: 12 Jun 2023 12:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0612MBL01

Tgt Ion:180 Resp: 912
 Ion Ratio Lower Upper
 180 100
 182 98.1 46.9 140.7
 145 31.4 18.1 54.3

