

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
 Data File : VX036357.D
 Acq On : 28 Jun 2023 10:26
 Operator : JC/MD
 Sample : VX0628MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

Quant Time: Jun 29 01:25:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

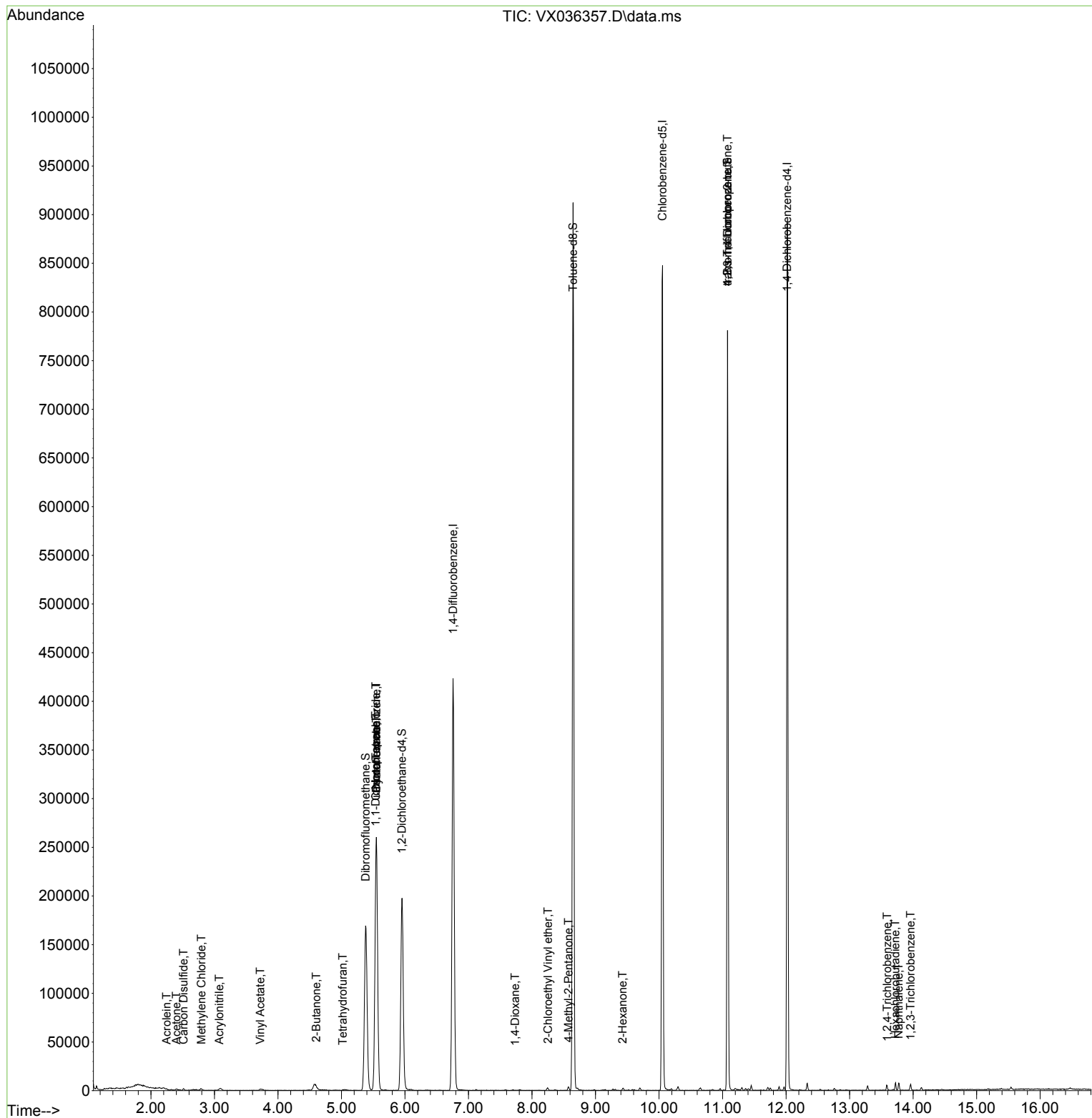
Internal Standards						
1) Pentafluorobenzene	5.550	168	246175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	428683	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	180978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193110	54.725	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.440%	
35) Dibromofluoromethane	5.379	113	148122	52.403	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.800%	
50) Toluene-d8	8.647	98	536283	50.797	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	11.079	95	200041	53.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.580%	
Target Compounds						
					Qvalue	
13) Acrolein	2.245	56	710	0.805	ug/l #	64
15) Acrylonitrile	3.075	53	1014	0.623	ug/l	88
16) Acetone	2.398	43	1929	1.279	ug/l #	83
17) Carbon Disulfide	2.514	76	1989	0.289	ug/l #	84
20) Methylene Chloride	2.794	84	930	0.286	ug/l #	74
23) Vinyl Acetate	3.721	43	2772	0.419	ug/l #	88
25) 2-Butanone	4.605	43	1910	0.881	ug/l	99
29) Tetrahydrofuran	5.019	42	291	0.211	ug/l #	56
31) Cyclohexane	5.550	56	5393	1.193	ug/l #	1
36) 1,1-Dichloropropene	5.537	75	19989	4.744	ug/l #	51
38) Carbon Tetrachloride	5.544	117	25454	6.614	ug/l #	14
49) 1,4-Dioxane	7.732	88	34	0.449	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	1981	0.449	ug/l #	86
58) 2-Chloroethyl Vinyl ether	8.250	63	1199	0.460	ug/l	95
59) 2-Hexanone	9.427	43	1578	0.490	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	103829	26.897	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	103829	87.676	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	1338	0.358	ug/l	98
94) Hexachlorobutadiene	13.719	225	1014	0.662	ug/l	85
95) Naphthalene	13.774	128	5286	0.428	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	1701	0.466	ug/l	86

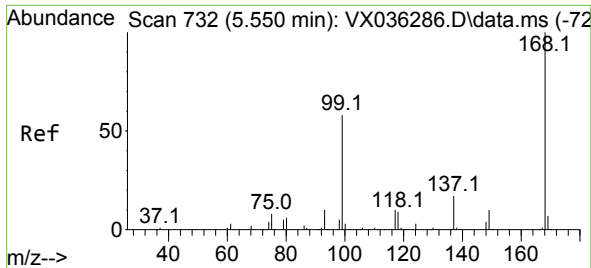
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062823\
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

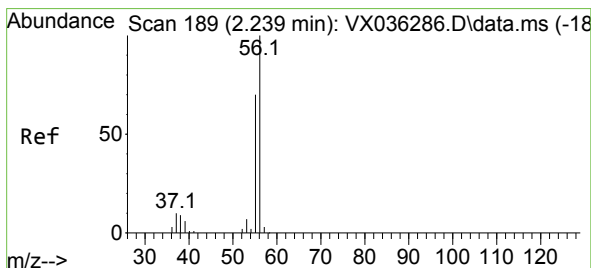
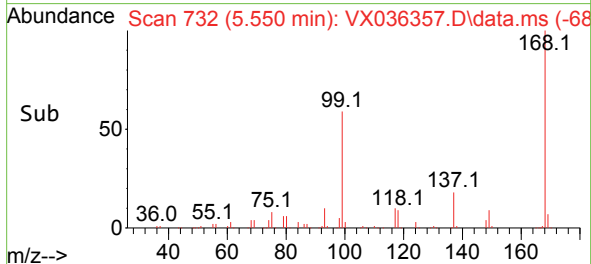
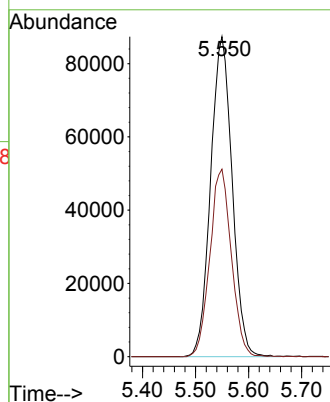
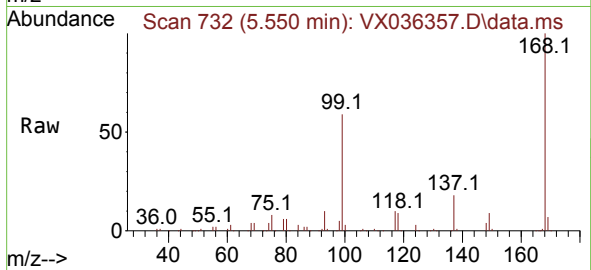




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

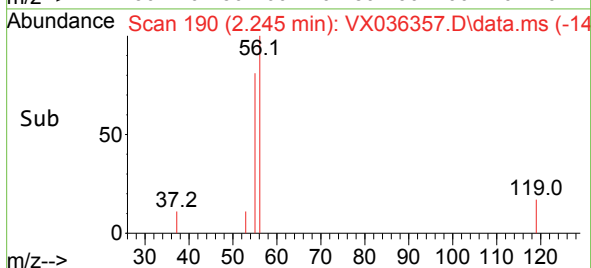
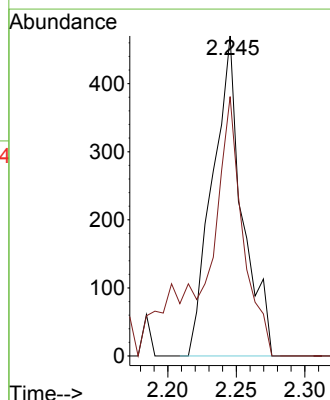
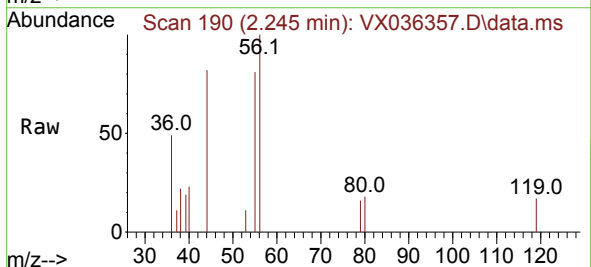
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

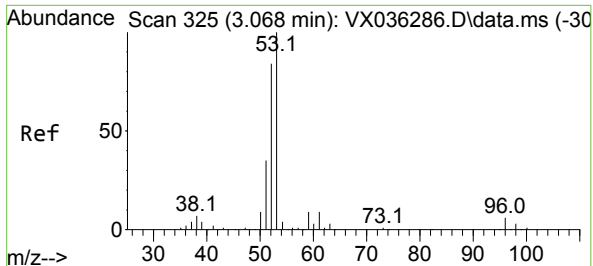
Tgt Ion:168 Resp: 246175
Ion Ratio Lower Upper
168 100
99 58.6 56.6 85.0



#13
Acrolein
Concen: 0.805 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

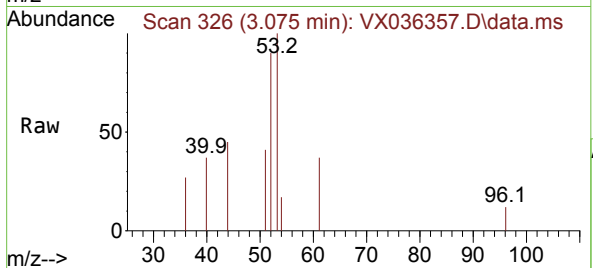
Tgt Ion: 56 Resp: 710
Ion Ratio Lower Upper
56 100
55 101.4 57.1 85.7#



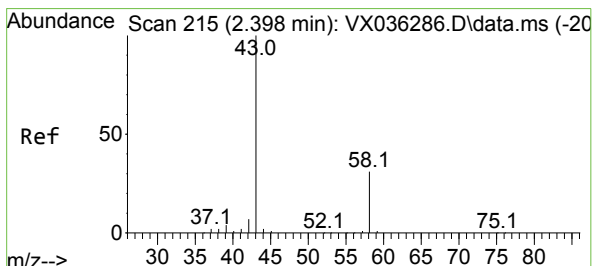
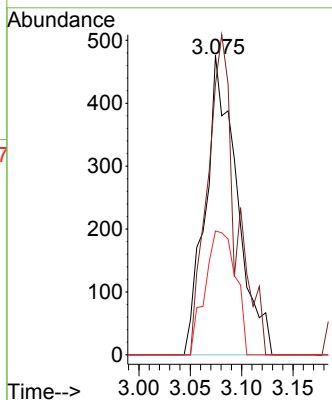
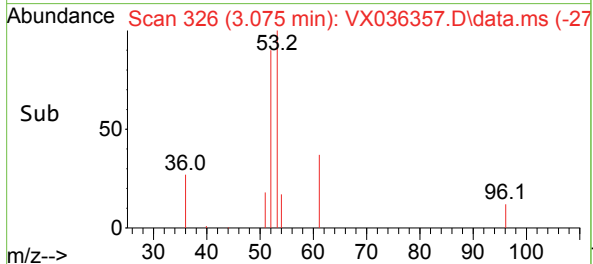


#15
Acrylonitrile
Concen: 0.623 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

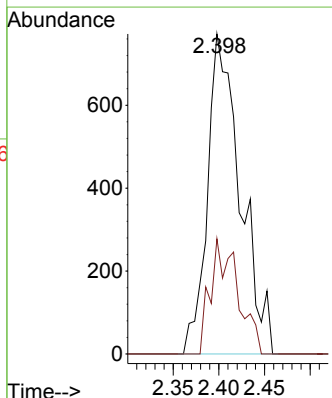
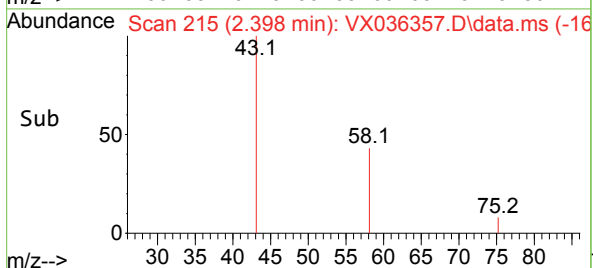
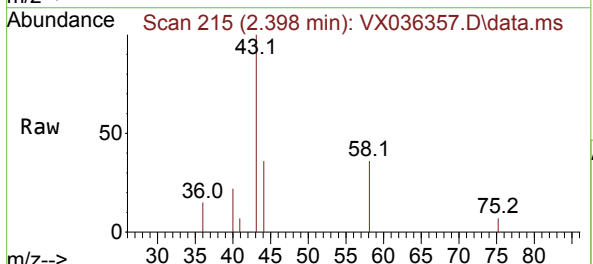


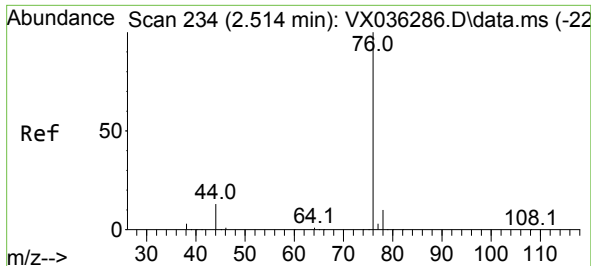
Tgt Ion: 53	Resp: 1014		
Ion Ratio	Lower	Upper	
53	100		
52	96.4	66.0	99.0
51	40.1	29.8	44.6



#16
Acetone
Concen: 1.279 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion: 43	Resp: 1929
Ion Ratio	Lower Upper
43 100	
58 36.0	21.9 32.9#





#17

Carbon Disulfide

Concen: 0.289 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036357.D

Acq: 28 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

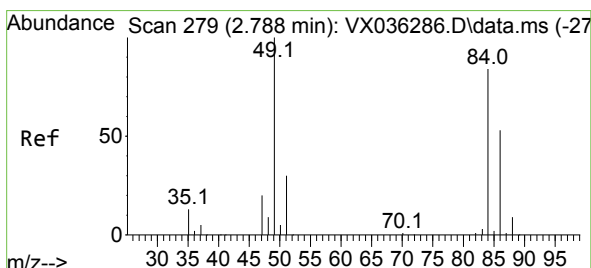
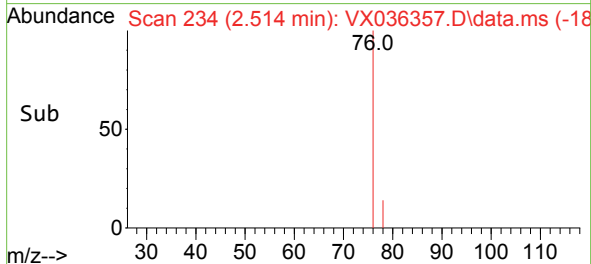
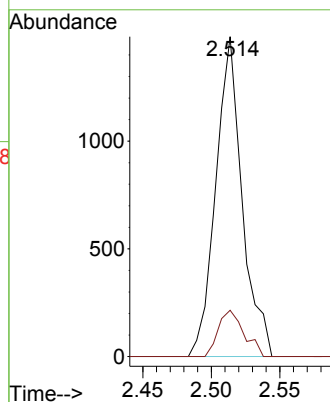
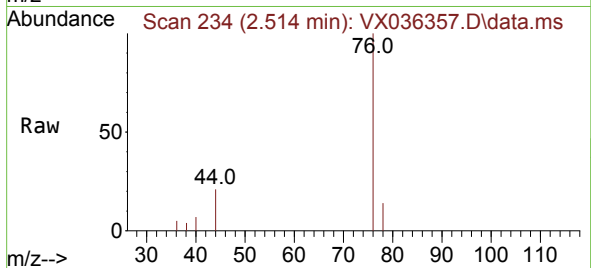
VX0628MBL01

Tgt Ion: 76 Resp: 1989

Ion Ratio Lower Upper

76 100

78 14.5 7.0 10.6#



#20

Methylene Chloride

Concen: 0.286 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX036357.D

Acq: 28 Jun 2023 10:26

Tgt Ion: 84 Resp: 930

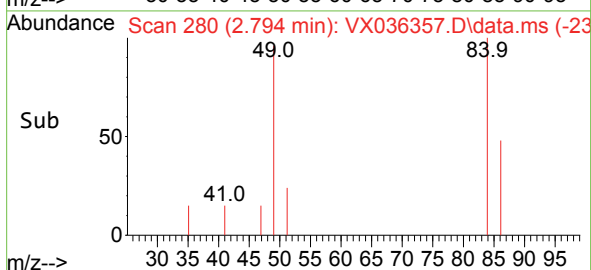
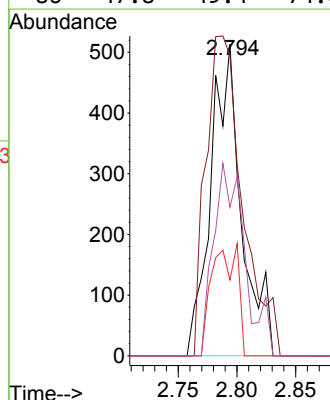
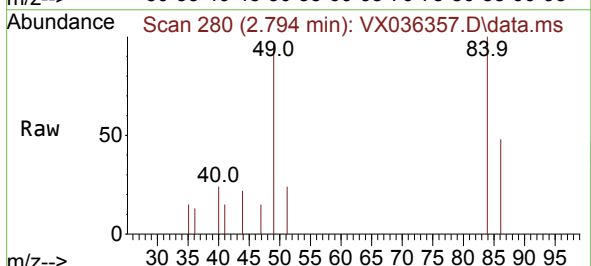
Ion Ratio Lower Upper

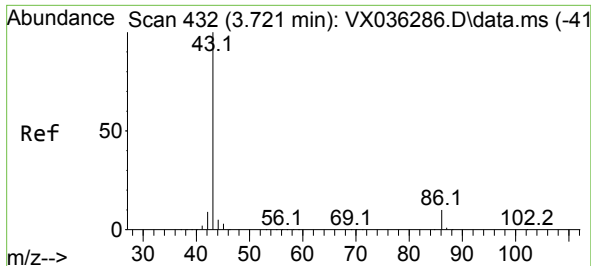
84 100

49 96.3 103.6 155.4#

51 24.4 33.8 50.6#

86 47.8 49.4 74.0#

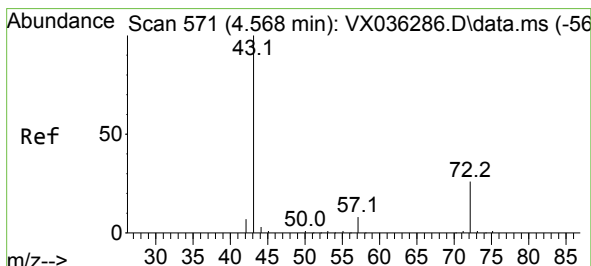
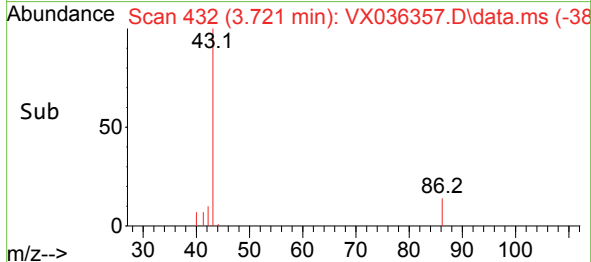
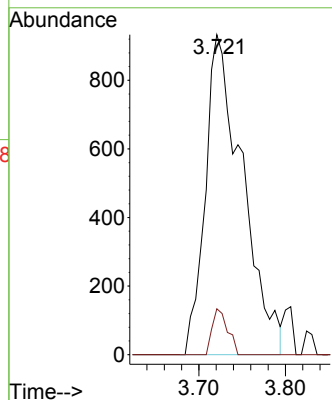
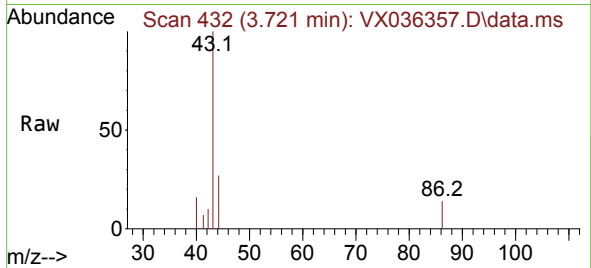




#23
 Vinyl Acetate
 Concen: 0.419 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX036357.D
 Acq: 28 Jun 2023 10:26

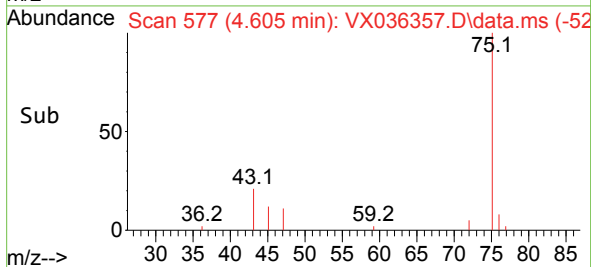
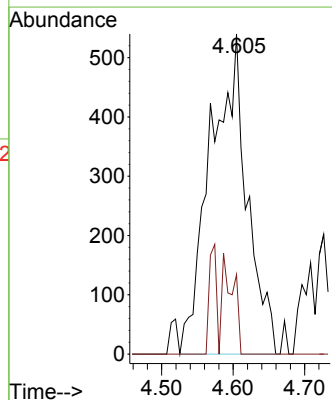
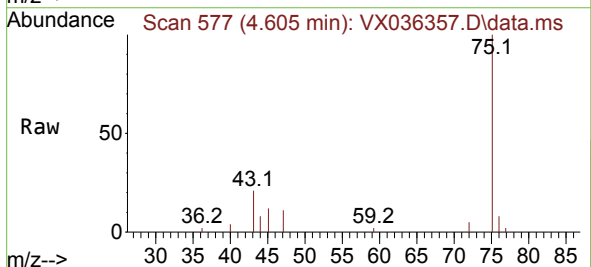
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628MBL01

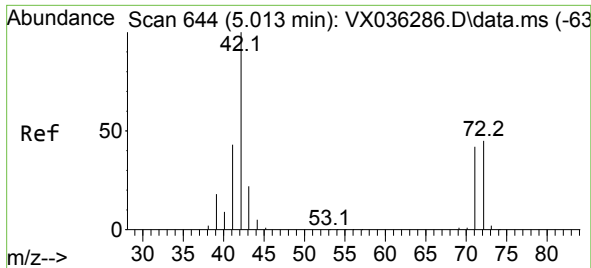
Tgt Ion: 43 Resp: 2772
 Ion Ratio Lower Upper
 43 100
 86 14.4 7.8 11.8#



#25
 2-Butanone
 Concen: 0.881 ug/l
 RT: 4.605 min Scan# 577
 Delta R.T. 0.037 min
 Lab File: VX036357.D
 Acq: 28 Jun 2023 10:26

Tgt Ion: 43 Resp: 1910
 Ion Ratio Lower Upper
 43 100
 72 24.8 19.4 29.2

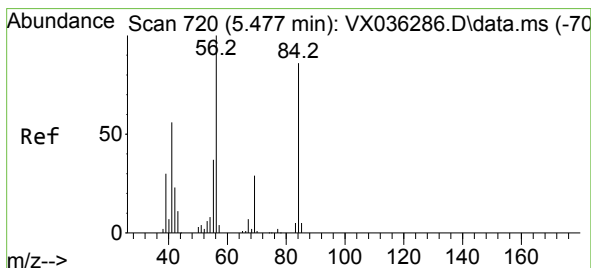
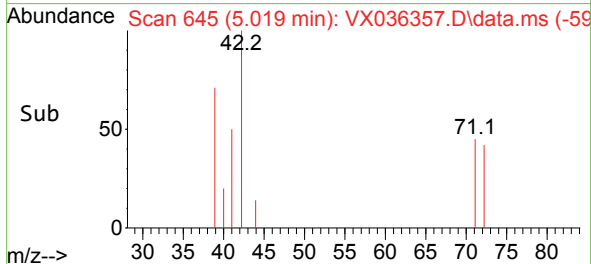
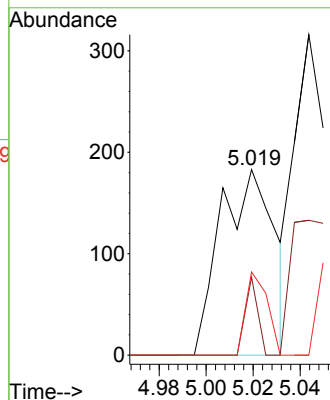
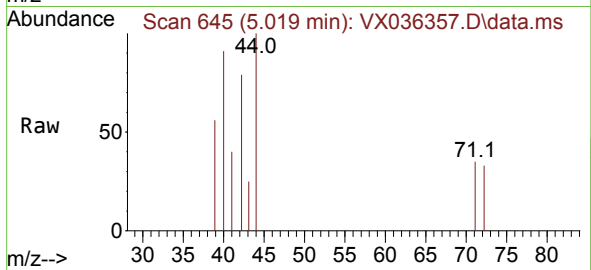




#29
Tetrahydrofuran
Concen: 0.211 ug/l
RT: 5.019 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

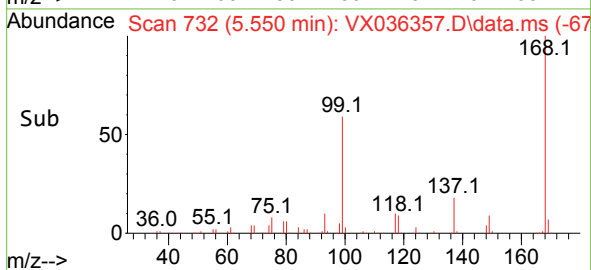
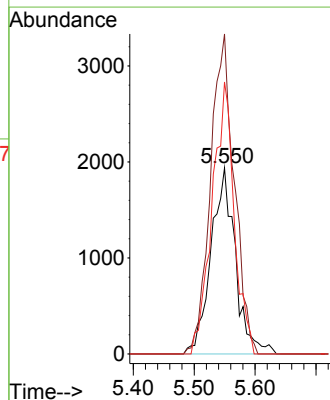
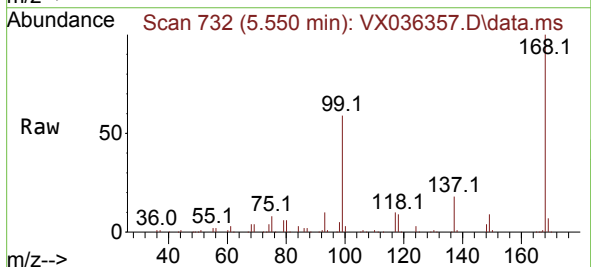
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

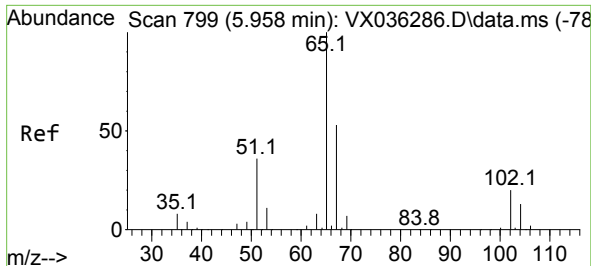
Tgt Ion: 42 Resp: 291
Ion Ratio Lower Upper
42 100
72 9.6 34.2 51.4#
71 17.9 32.2 48.2#



#31
Cyclohexane
Concen: 1.193 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion: 56 Resp: 5393
Ion Ratio Lower Upper
56 100
69 171.9 23.4 35.2#
84 146.1 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 54.725 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036357.D

Acq: 28 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

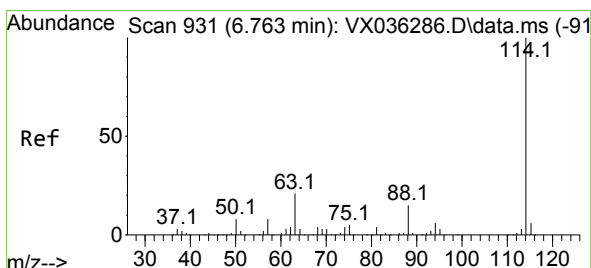
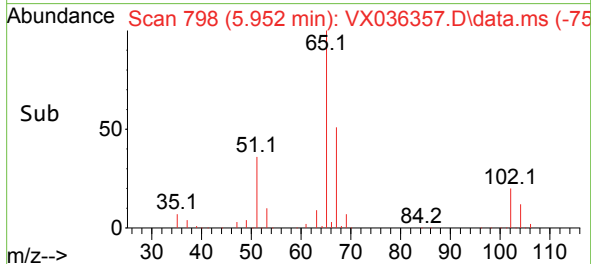
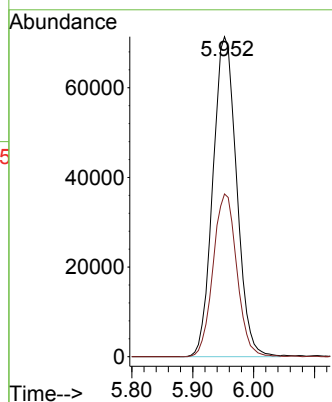
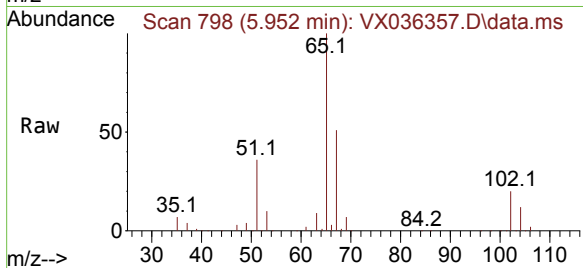
VX0628MBL01

Tgt Ion: 65 Resp: 193110

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036357.D

Acq: 28 Jun 2023 10:26

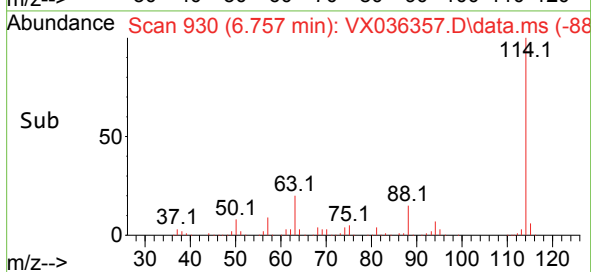
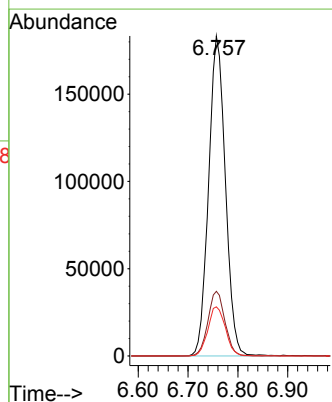
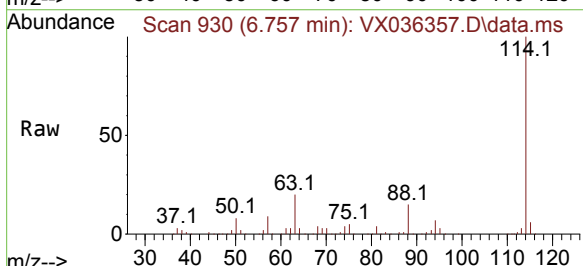
Tgt Ion: 114 Resp: 428683

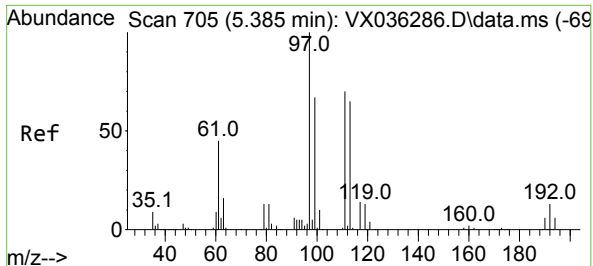
Ion Ratio Lower Upper

114 100

63 20.2 0.0 45.0

88 15.4 0.0 36.6

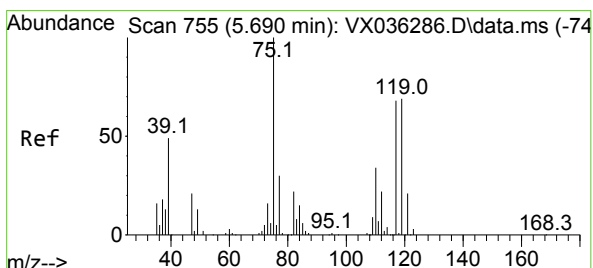
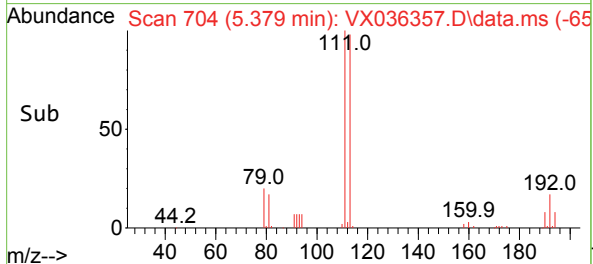
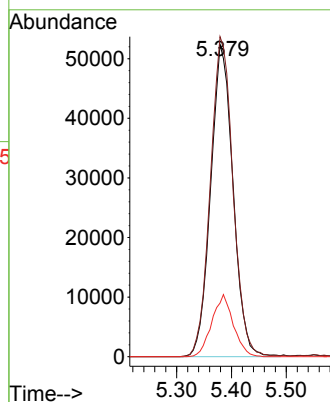
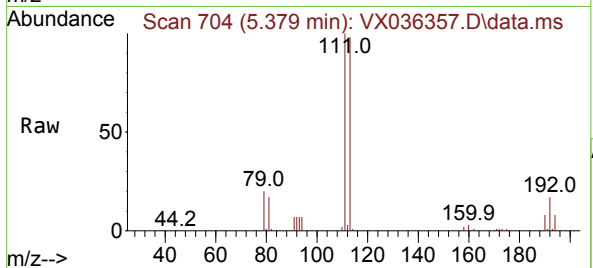




#35
Dibromofluoromethane
Concen: 52.403 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

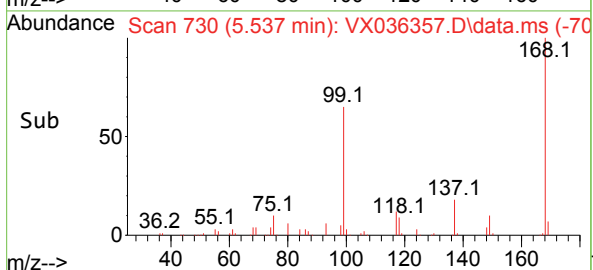
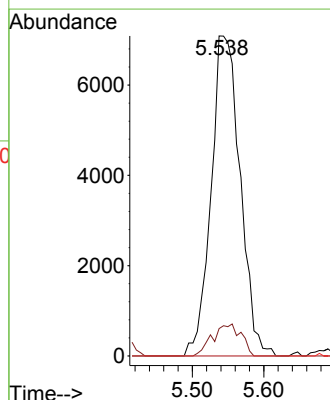
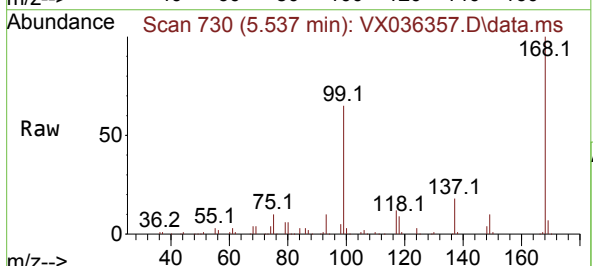
Instrument :
MSVOA_X
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VX0628MBL01

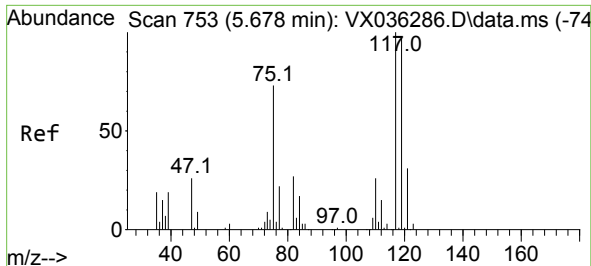
Tgt Ion:113 Resp: 148122
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 19.1 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.744 ug/l
RT: 5.537 min Scan# 730
Delta R.T. -0.159 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

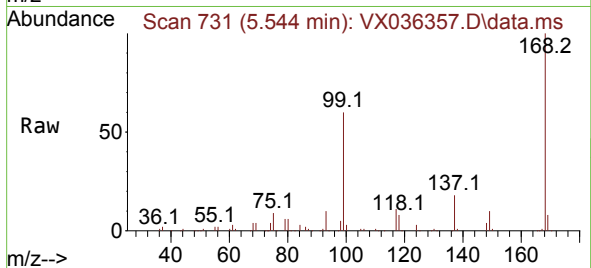
Tgt Ion: 75 Resp: 19989
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



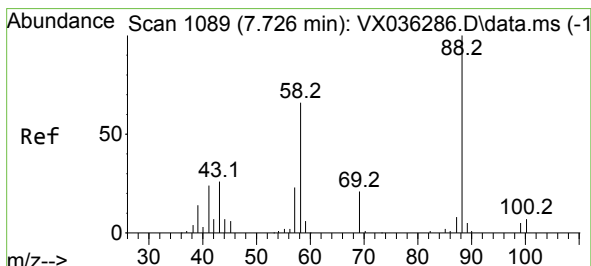
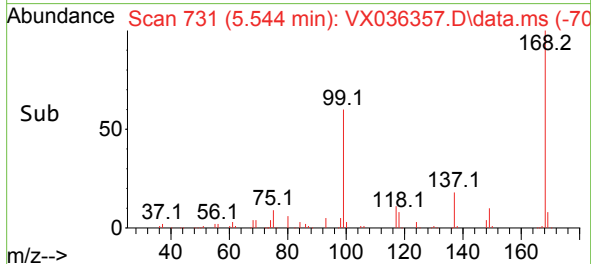
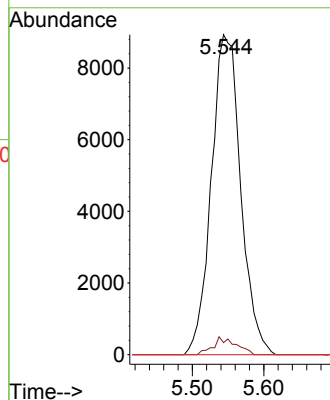


#38
Carbon Tetrachloride
Concen: 6.614 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

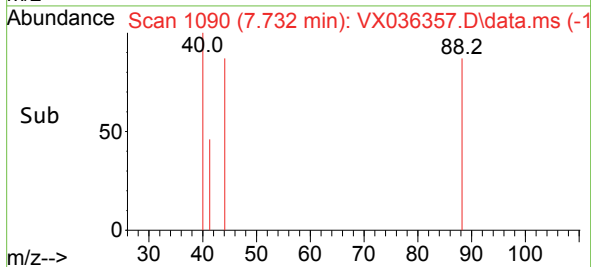
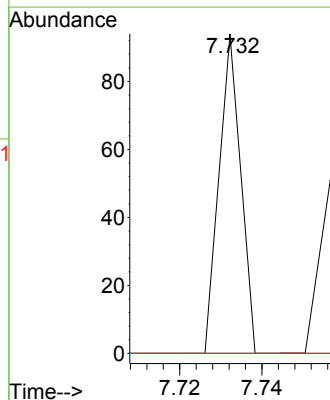
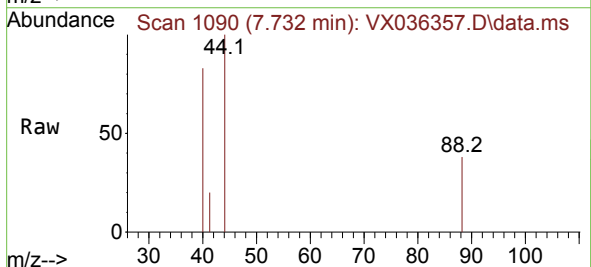


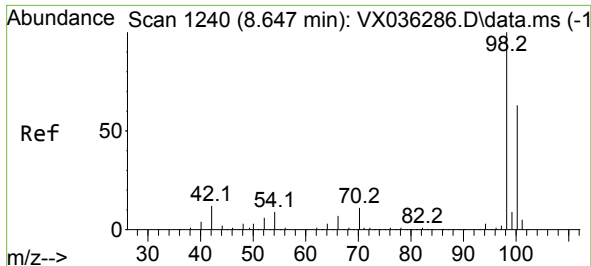
Tgt Ion:117 Resp: 25454
Ion Ratio Lower Upper
117 100
119 3.8 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.449 ug/l
RT: 7.732 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion: 88 Resp: 34
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

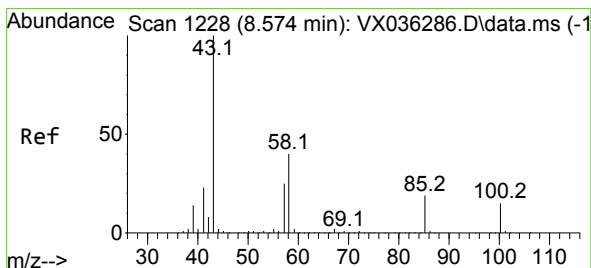
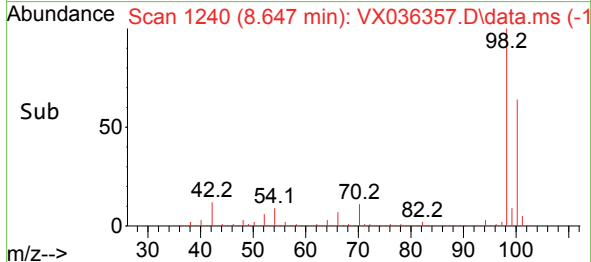
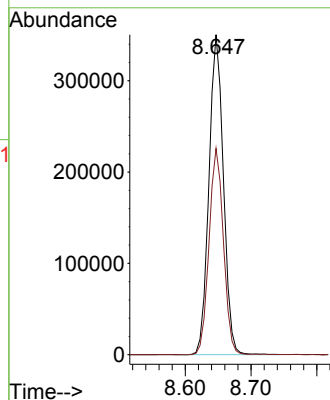
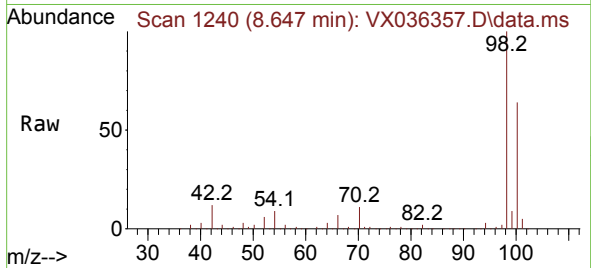




#50
Toluene-d8
Concen: 50.797 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

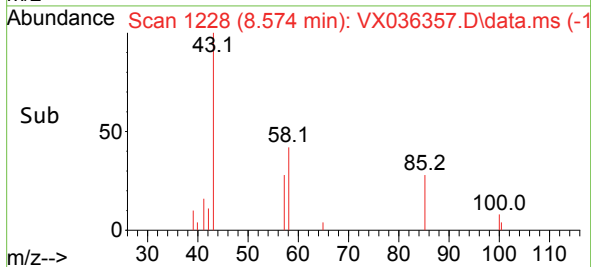
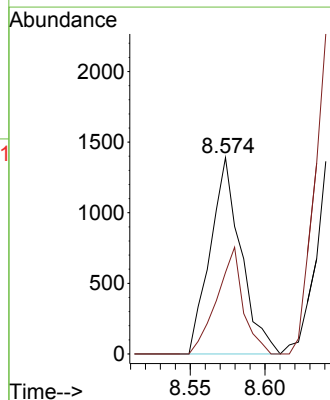
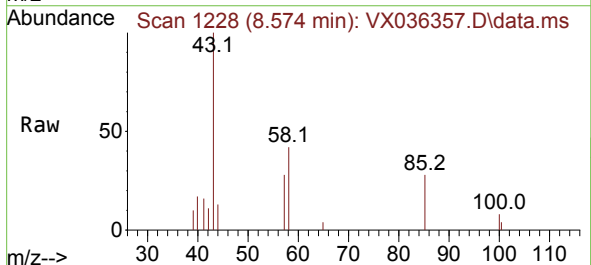
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

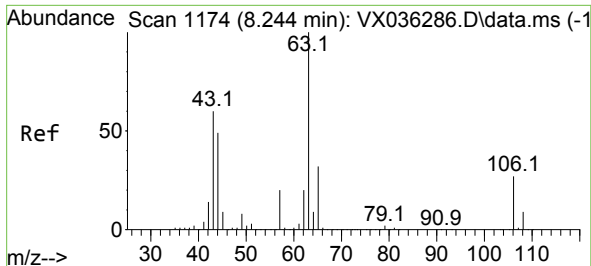
Tgt Ion: 98 Resp: 536283
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion: 43 Resp: 1981
Ion Ratio Lower Upper
43 100
58 46.5 30.4 45.6#

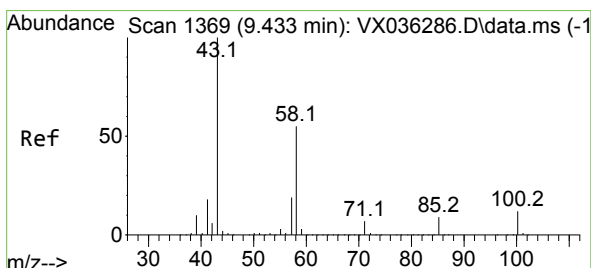
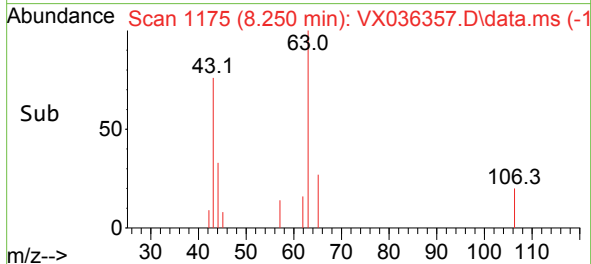
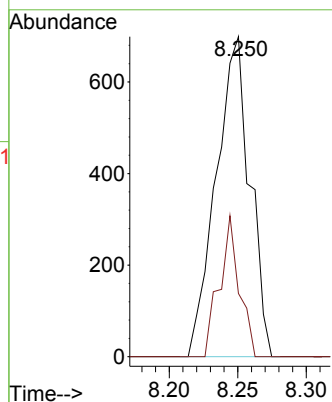
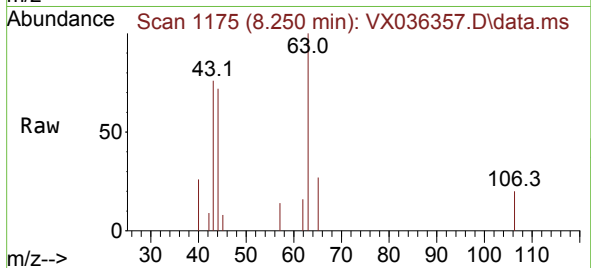




#58
2-Chloroethyl Vinyl ether
Concen: 0.460 ug/l
RT: 8.250 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

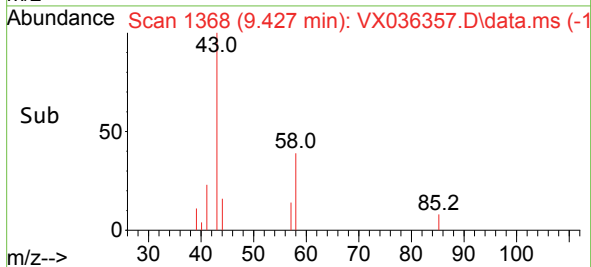
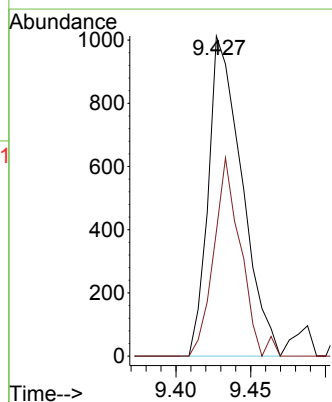
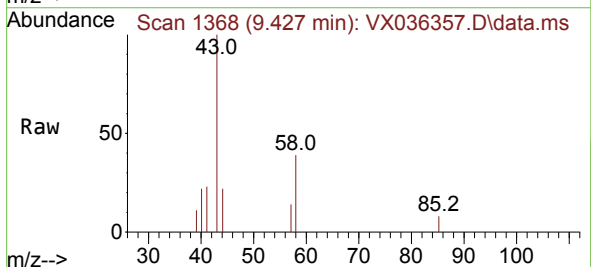
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

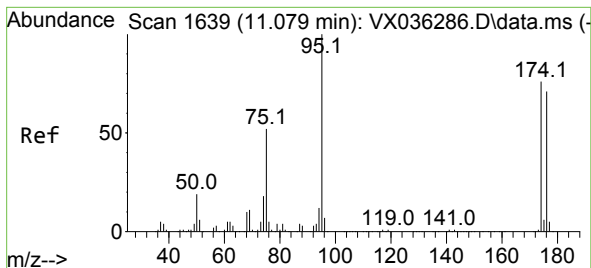
Tgt Ion: 63 Resp: 1199
Ion Ratio Lower Upper
63 100
106 25.7 22.5 33.7



#59
2-Hexanone
Concen: 0.490 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion: 43 Resp: 1578
Ion Ratio Lower Upper
43 100
58 49.7 26.2 78.5

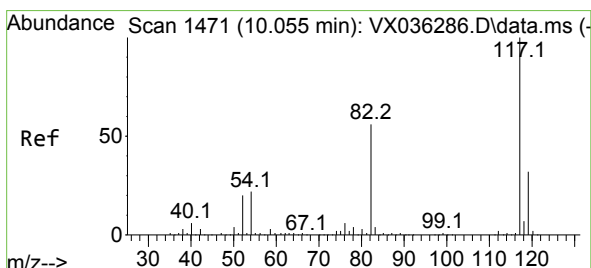
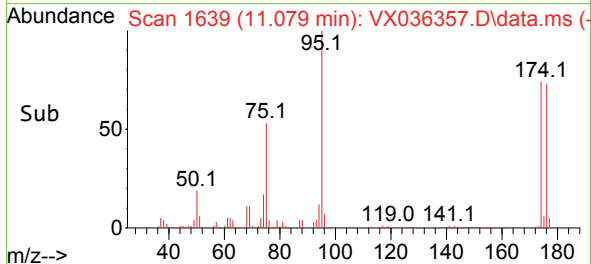
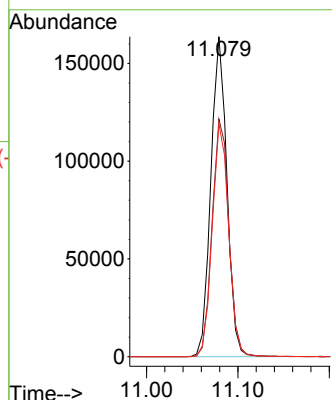
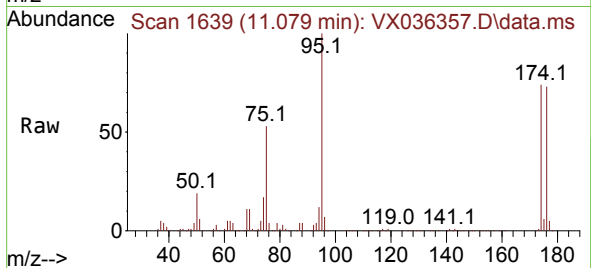




#62
4-Bromofluorobenzene
Concen: 53.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

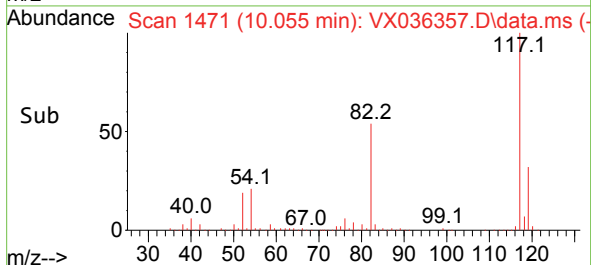
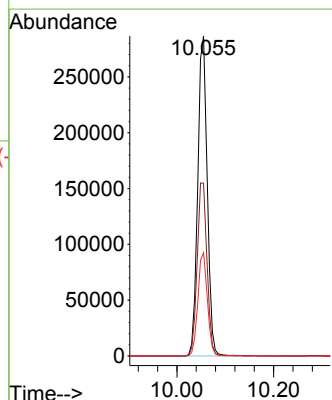
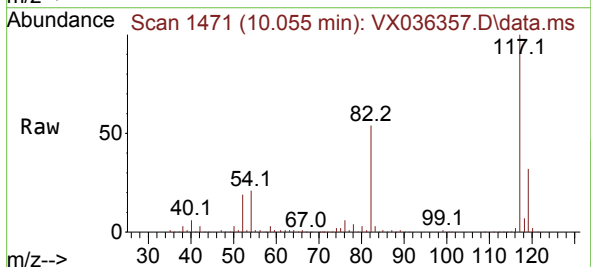
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

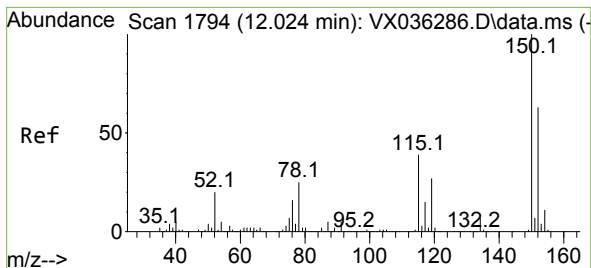
Tgt Ion: 95 Resp: 200041
Ion Ratio Lower Upper
95 100
174 77.1 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion: 117 Resp: 389714
Ion Ratio Lower Upper
117 100
82 54.0 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036357.D

Acq: 28 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628MBL01

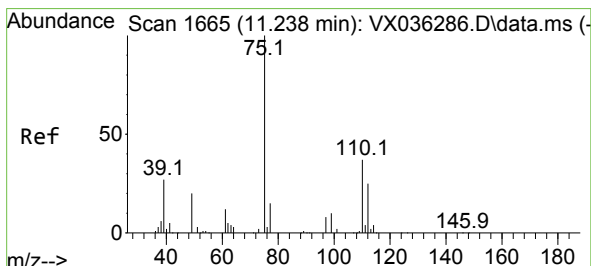
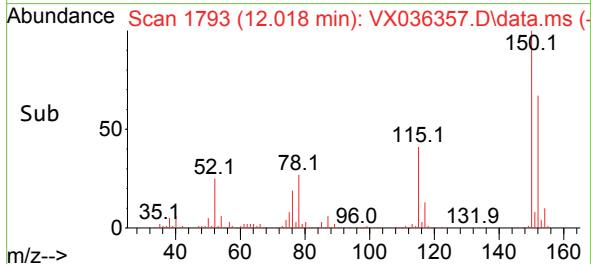
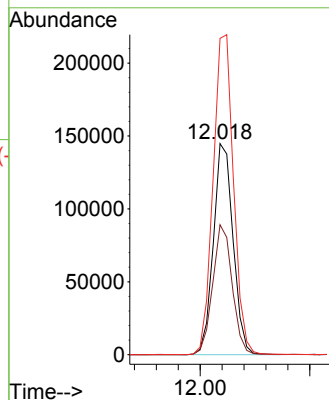
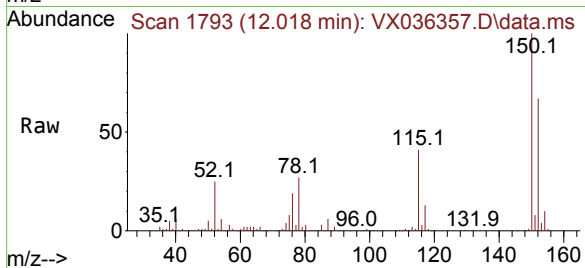
Tgt Ion:152 Resp: 180978

Ion Ratio Lower Upper

152 100

115 60.9 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.897 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036357.D

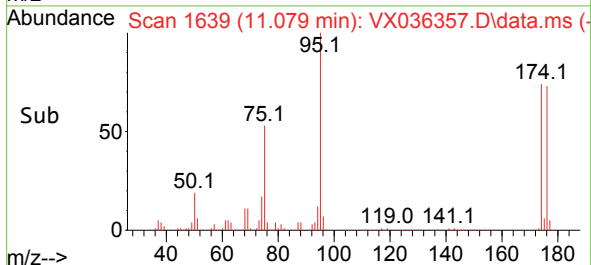
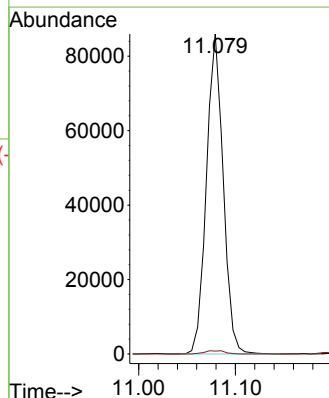
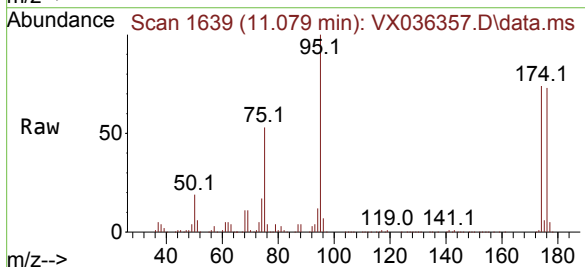
Acq: 28 Jun 2023 10:26

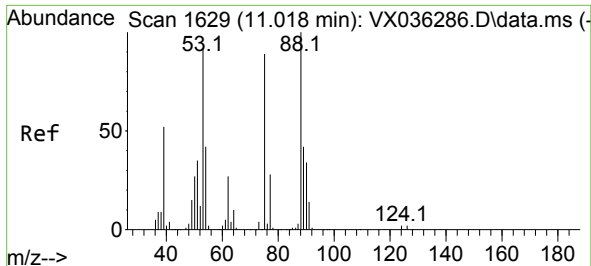
Tgt Ion: 75 Resp: 103829

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

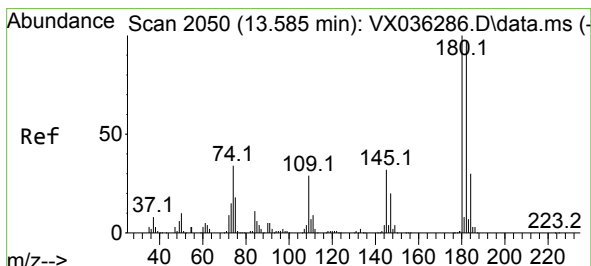
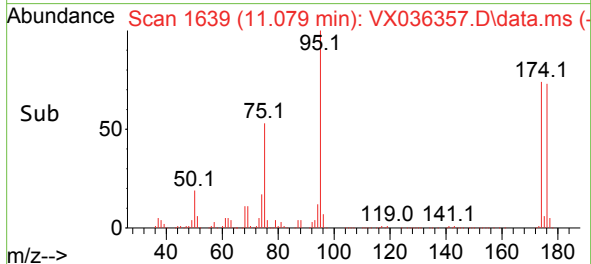
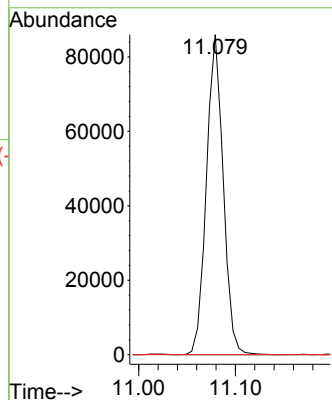
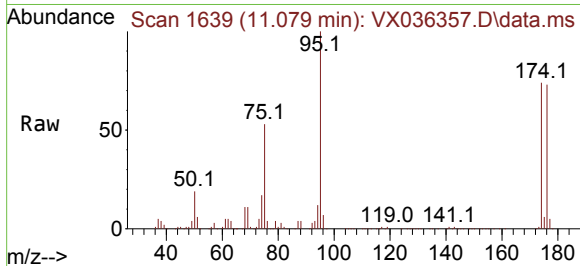




#81
trans-1,4-Dichloro-2-butene
Concen: 87.676 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

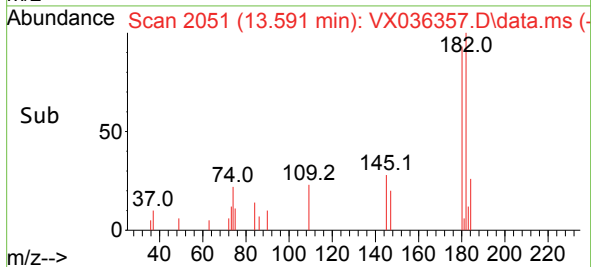
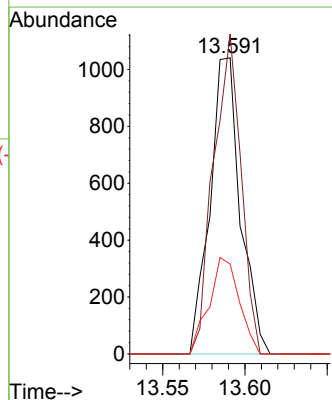
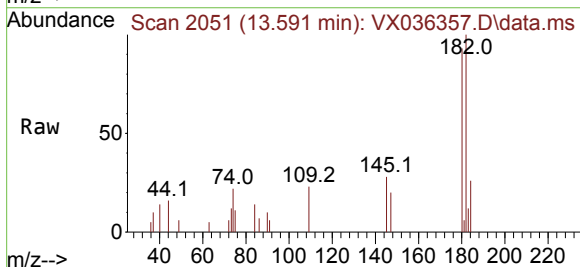
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

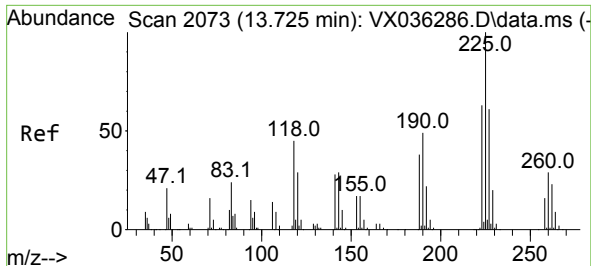
Tgt Ion: 75 Resp: 103829
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.358 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion:180 Resp: 1338
Ion Ratio Lower Upper
180 100
182 97.3 48.3 144.8
145 32.3 18.0 54.0

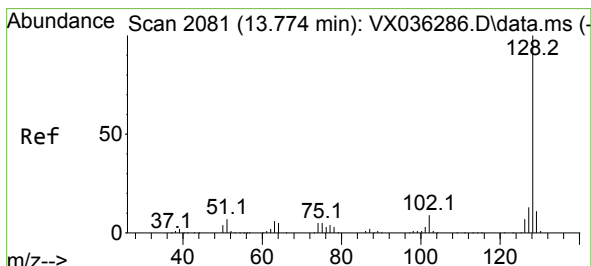
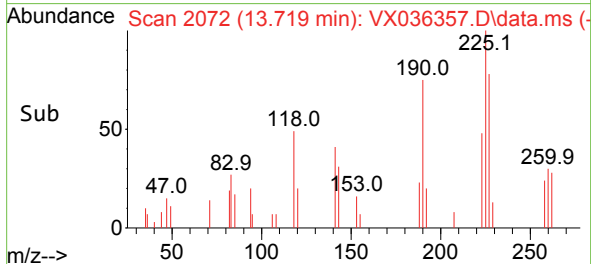
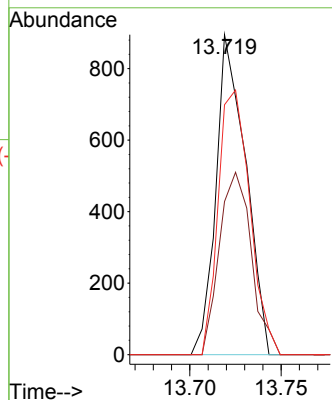
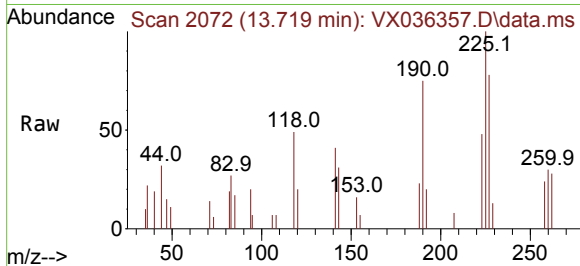




#94
Hexachlorobutadiene
Concen: 0.662 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

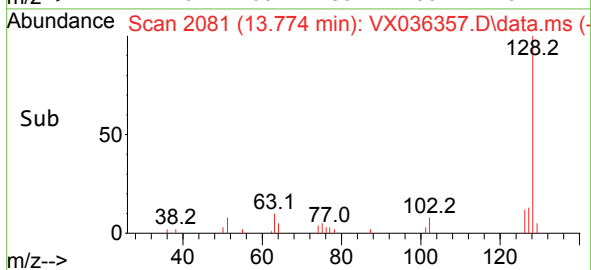
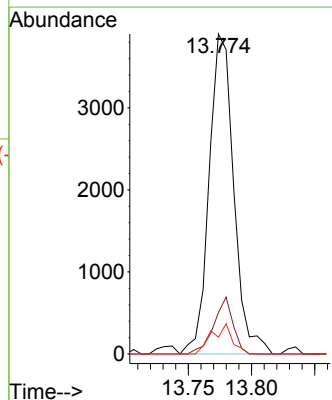
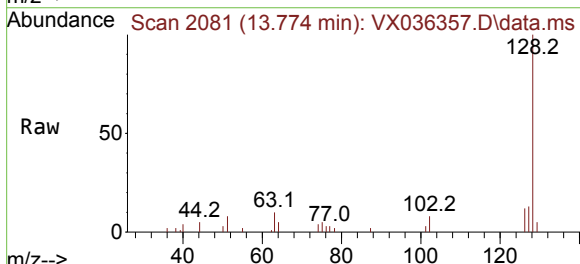
Instrument :
MSVOA_X
ClientSampleId :
VX0628MBL01

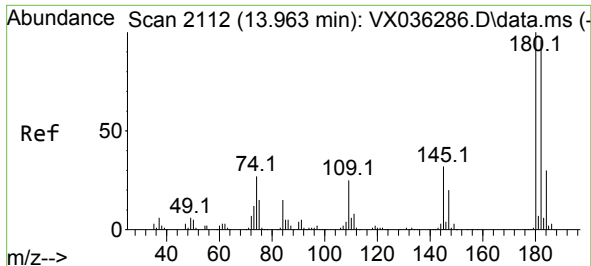
Tgt Ion:225	Resp:	1014
Ion Ratio	Lower	Upper
225	100	
223	61.4	31.1 93.2
227	88.2	32.5 97.5



#95
Naphthalene
Concen: 0.428 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036357.D
Acq: 28 Jun 2023 10:26

Tgt Ion:128	Resp:	5286
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.3 15.5
129	7.9	8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.466 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036357.D

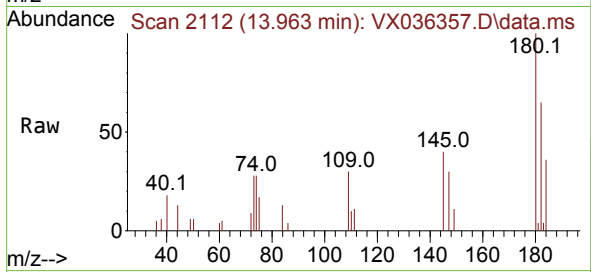
Acq: 28 Jun 2023 10:26

Instrument :

MSVOA_X

ClientSampleId :

VX0628MBL01



Tgt Ion:180 Resp: 1701

Ion Ratio Lower Upper

180 100

182 79.4 46.9 140.6

145 41.5 17.8 53.5

