

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062923\
 Data File : VX036367.D
 Acq On : 29 Jun 2023 10:36
 Operator : JC/MD
 Sample : VX0629MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBL01

Quant Time: Jun 30 01:26:34 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)

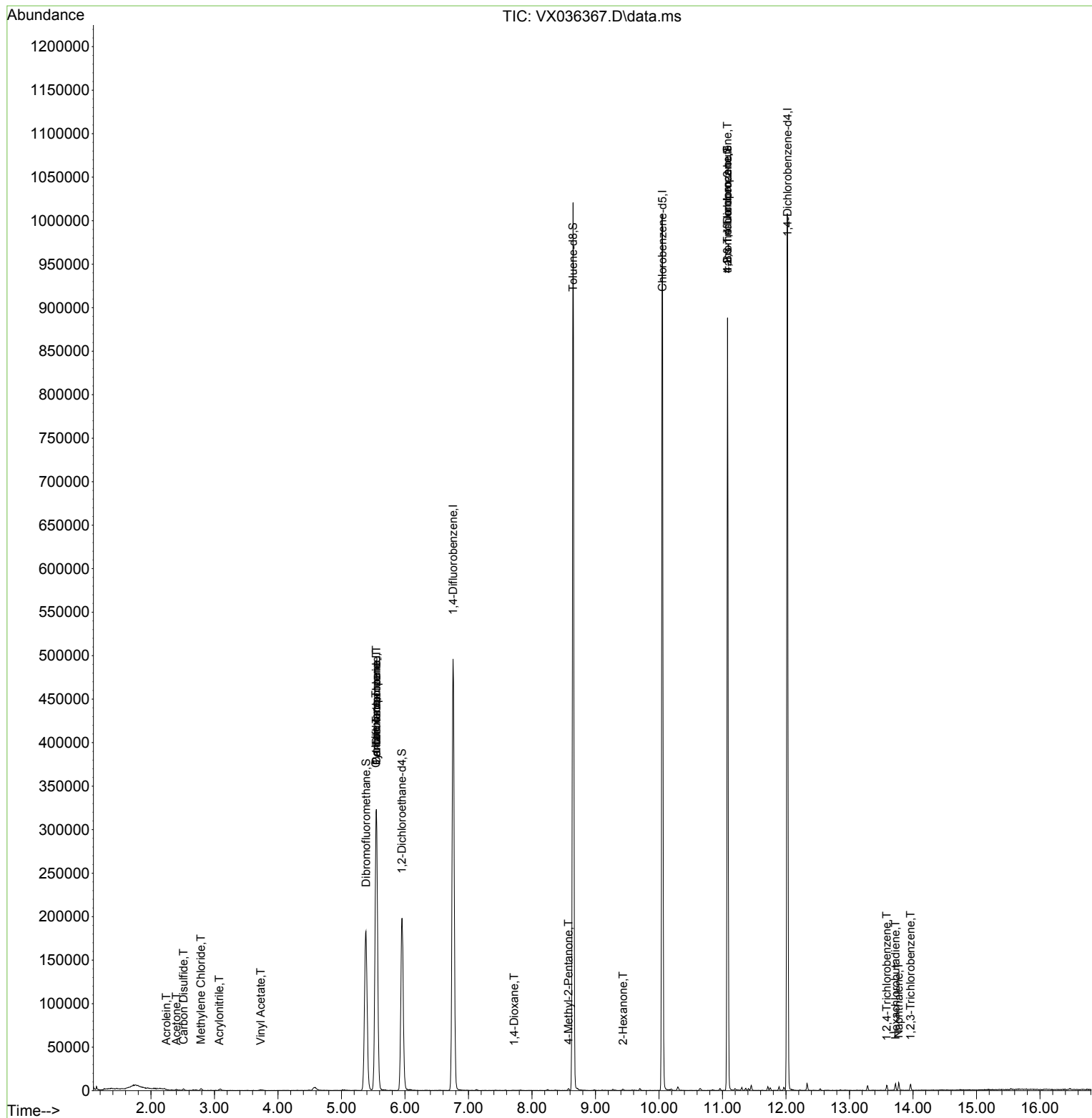
Internal Standards						
1) Pentafluorobenzene	5.550	168	307619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	508501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	455205	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190960	43.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.620%
35) Dibromofluoromethane	5.385	113	160970	48.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.020%
50) Toluene-d8	8.647	98	601291	48.015	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.020%
62) 4-Bromofluorobenzene	11.079	95	218333	49.497	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.000%
Target Compounds						
					Qvalue	
13) Acrolein	2.240	56	481	0.436	ug/l	87
15) Acrylonitrile	3.075	53	657	0.323	ug/l #	75
16) Acetone	2.398	43	1519	0.806	ug/l #	81
17) Carbon Disulfide	2.514	76	2222	0.259	ug/l #	85
20) Methylene Chloride	2.788	84	854	0.210	ug/l	90
23) Vinyl Acetate	3.727	43	1661	0.201	ug/l #	73
31) Cyclohexane	5.544	56	7067	1.251	ug/l #	20
36) 1,1-Dichloropropene	5.550	75	25059	5.014	ug/l #	50
38) Carbon Tetrachloride	5.550	117	31493	6.899	ug/l #	16
49) 1,4-Dioxane	7.720	88	67	0.746	ug/l #	12
51) 4-Methyl-2-Pentanone	8.574	43	1107	0.211	ug/l	95
59) 2-Hexanone	9.433	43	929	0.243	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	112074	24.992	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	112074	81.468	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.585	180	1686	0.388	ug/l	88
94) Hexachlorobutadiene	13.725	225	1137	0.639	ug/l	97
95) Naphthalene	13.774	128	5256	0.366	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1882	0.444	ug/l	95

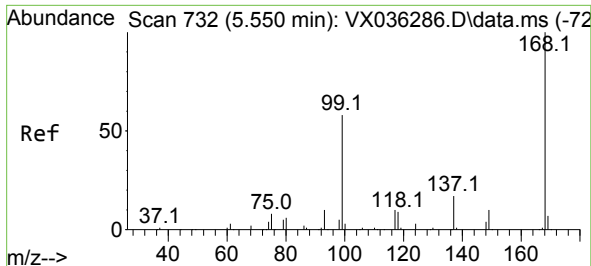
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

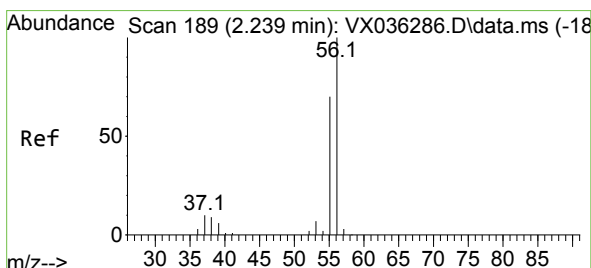
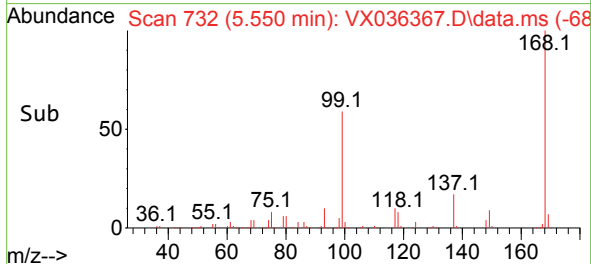
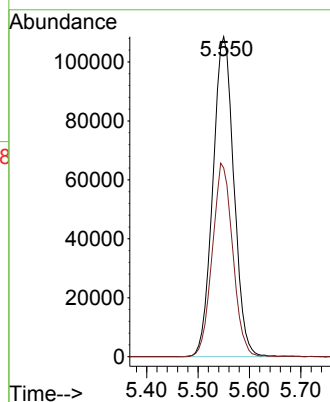
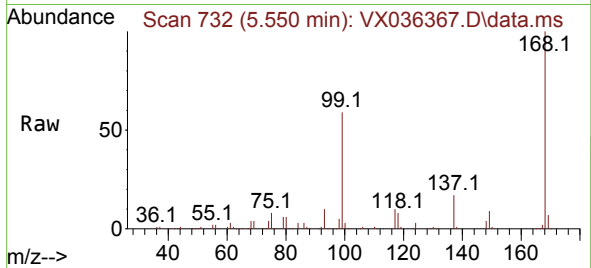




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.001 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

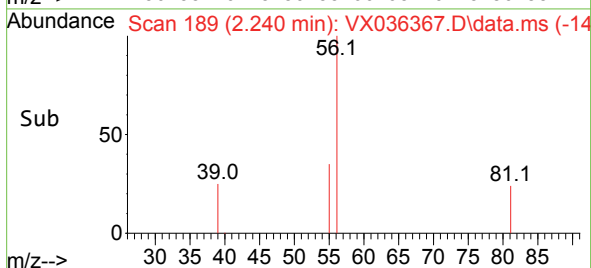
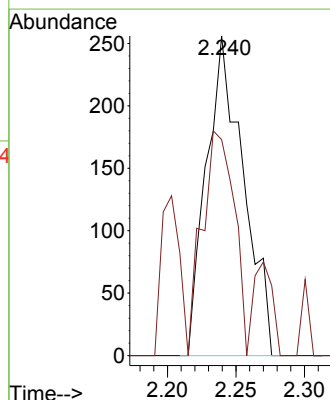
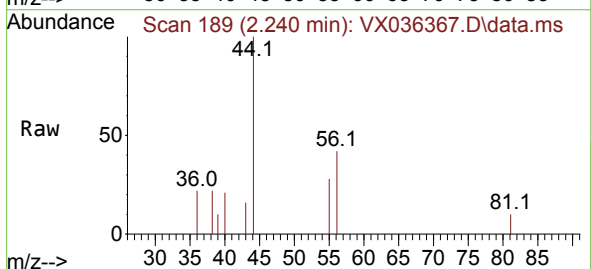
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

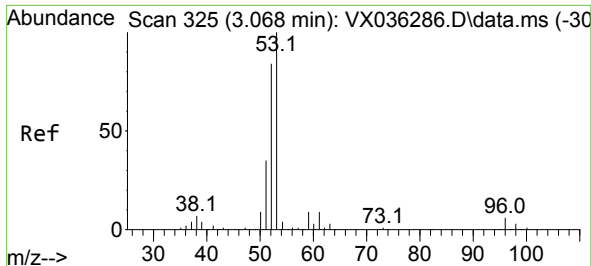
Tgt Ion:168 Resp: 307619
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#13
Acrolein
Concen: 0.436 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.001 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion: 56 Resp: 481
Ion Ratio Lower Upper
56 100
55 60.7 57.1 85.7

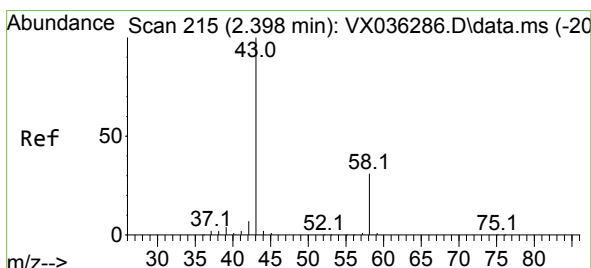
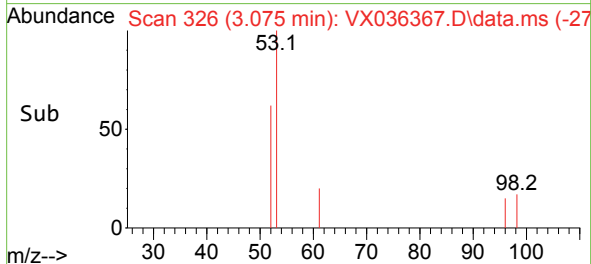
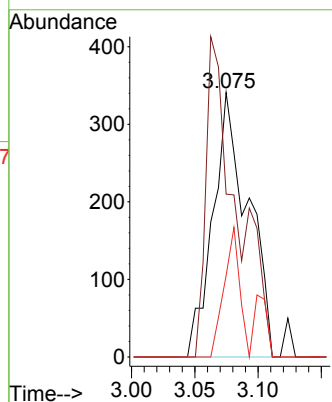
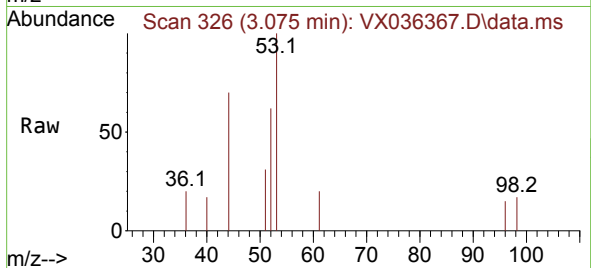




#15
Acrylonitrile
Concen: 0.323 ug/l
RT: 3.075 min Scan# 315
Delta R.T. 0.001 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

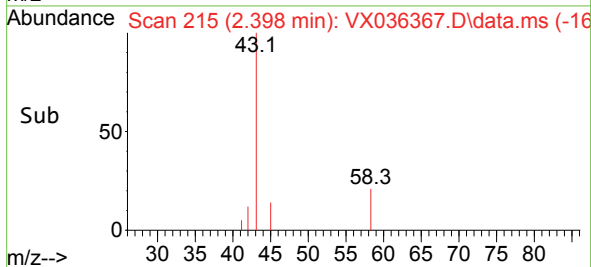
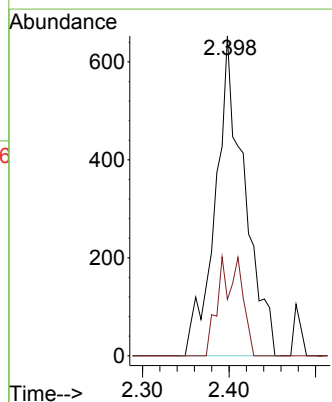
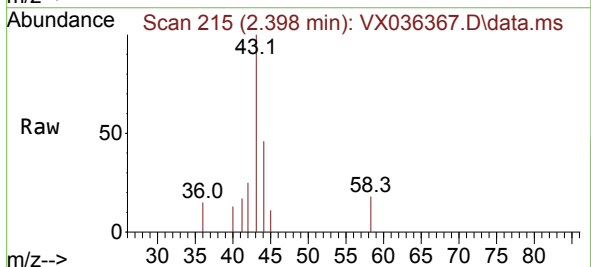
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

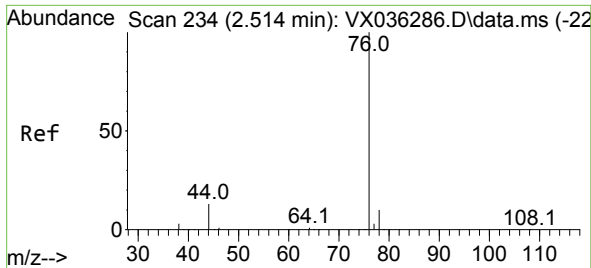
Tgt Ion: 53 Resp: 657
Ion Ratio Lower Upper
53 100
52 104.7 66.0 99.0#
51 21.8 29.8 44.6#



#16
Acetone
Concen: 0.806 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion: 43 Resp: 1519
Ion Ratio Lower Upper
43 100
58 17.6 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.001 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

Instrument :

MSVOA_X

ClientSampleId :

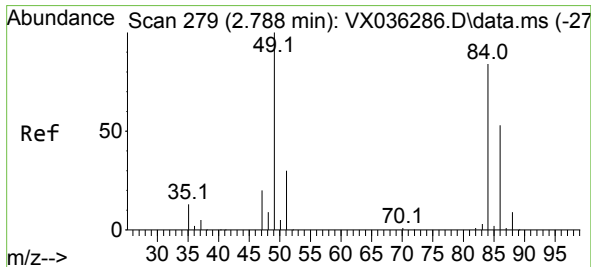
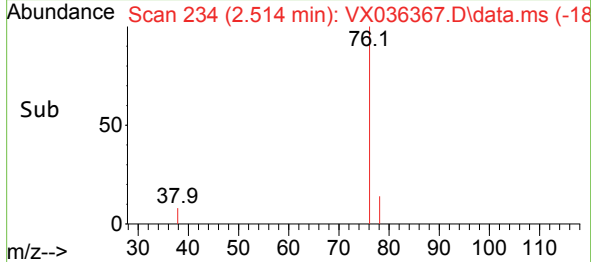
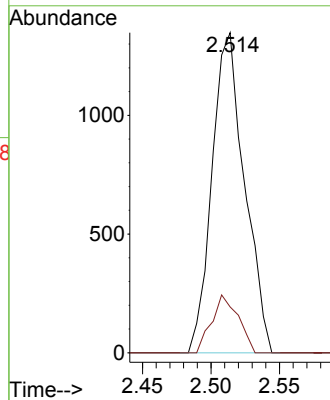
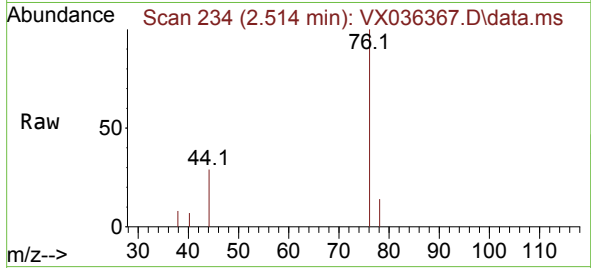
VX0629MBL01

Tgt Ion: 76 Resp: 2222

Ion Ratio Lower Upper

76 100

78 14.3 7.0 10.6#



#20

Methylene Chloride

Concen: 0.210 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

Tgt Ion: 84 Resp: 854

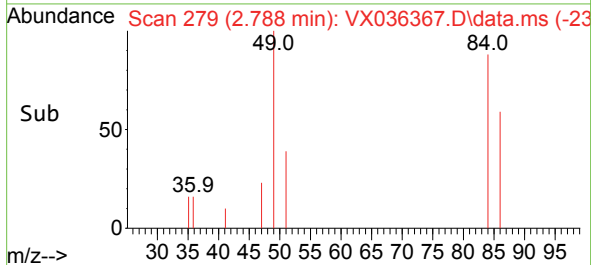
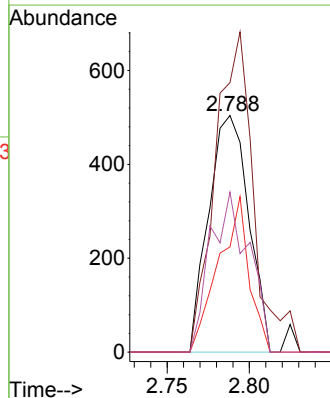
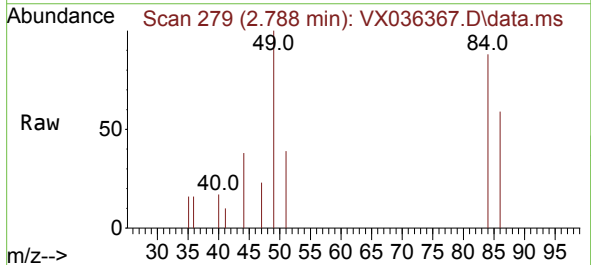
Ion Ratio Lower Upper

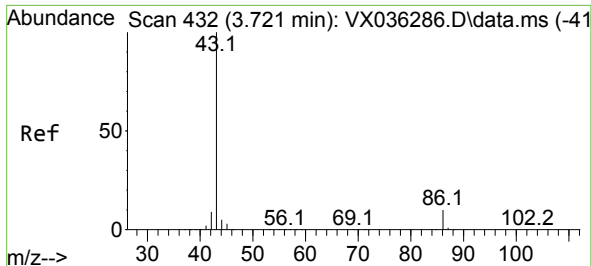
84 100

49 113.9 103.6 155.4

51 44.4 33.8 50.6

86 67.7 49.4 74.0

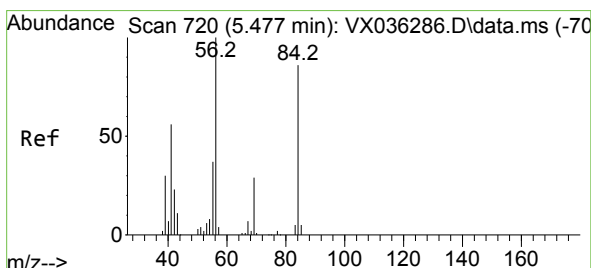
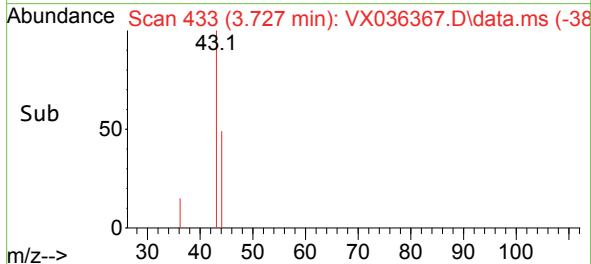
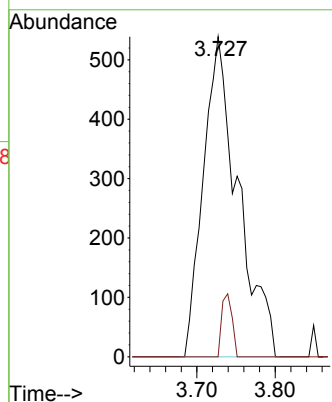
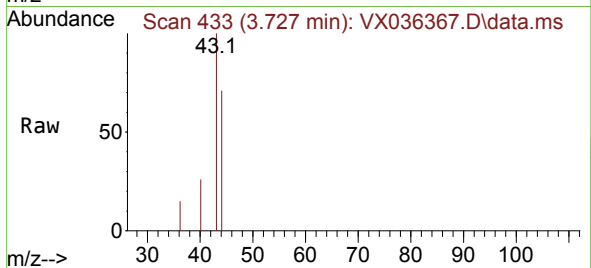




#23
 Vinyl Acetate
 Concen: 0.201 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VX036367.D
 Acq: 29 Jun 2023 10:36

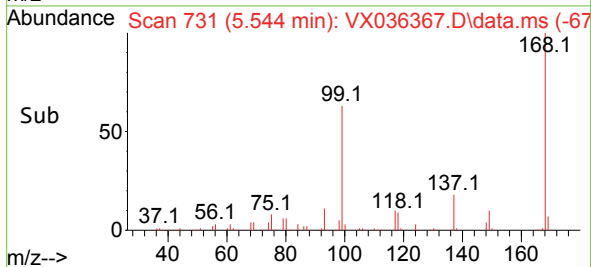
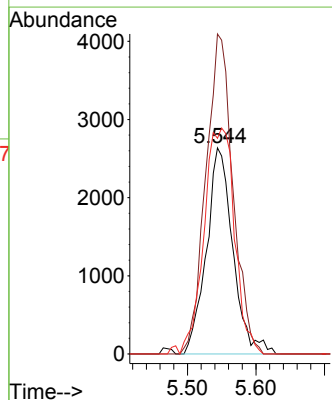
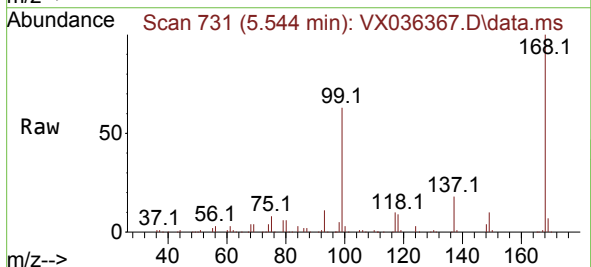
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629MBL01

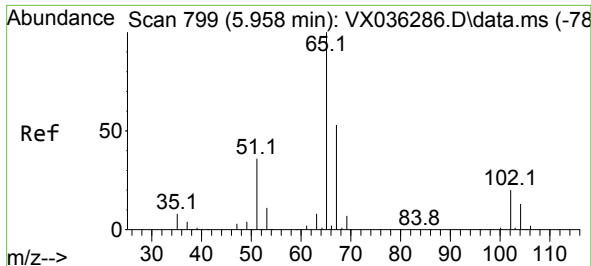
Tgt Ion: 43 Resp: 1661
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.8 11.8#



#31
 Cyclohexane
 Concen: 1.251 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.074 min
 Lab File: VX036367.D
 Acq: 29 Jun 2023 10:36

Tgt Ion: 56 Resp: 7067
 Ion Ratio Lower Upper
 56 100
 69 155.3 23.4 35.2#
 84 104.7 65.9 98.9#

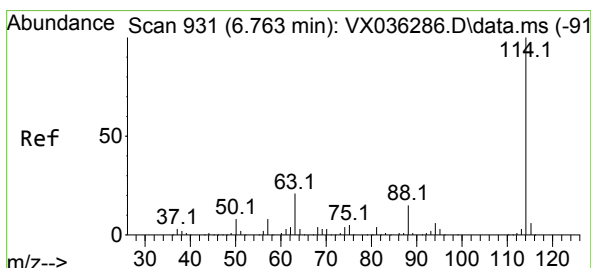
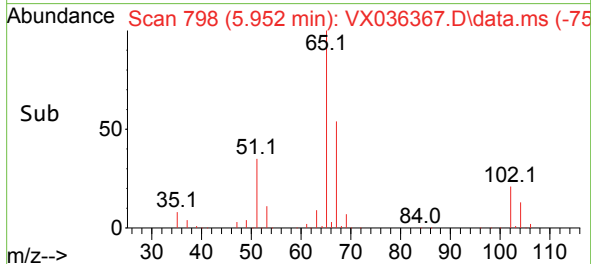
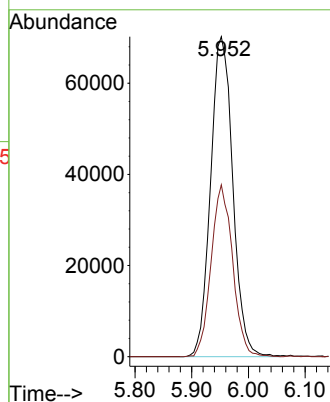
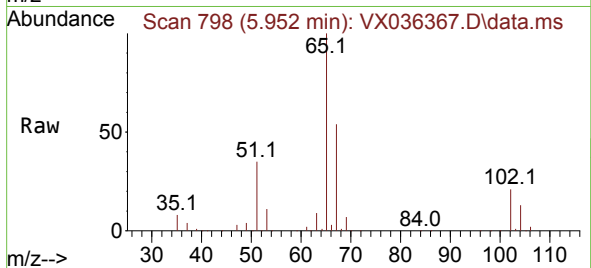




#33
1,2-Dichloroethane-d4
Concen: 43.306 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

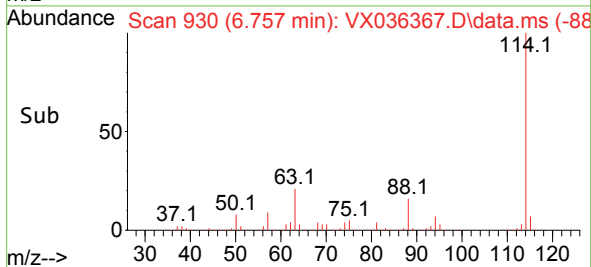
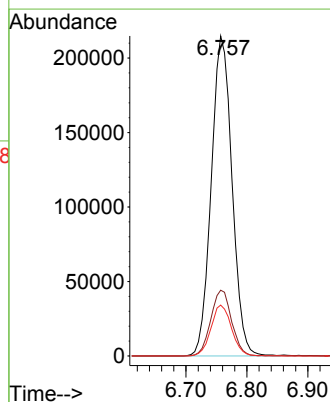
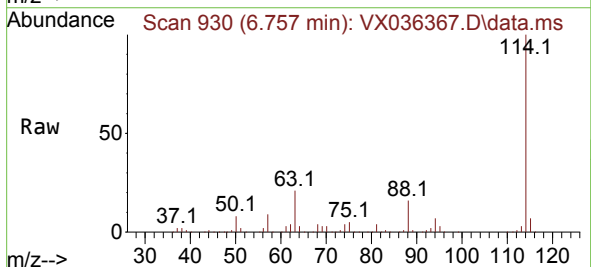
Instrument :
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ClientSampleId :
VX0629MBL01

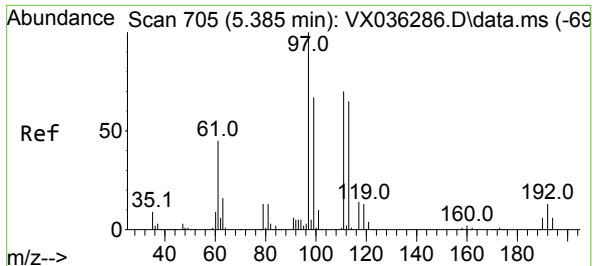
Tgt Ion: 65 Resp: 190960
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion:114 Resp: 508501
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.9 0.0 36.6

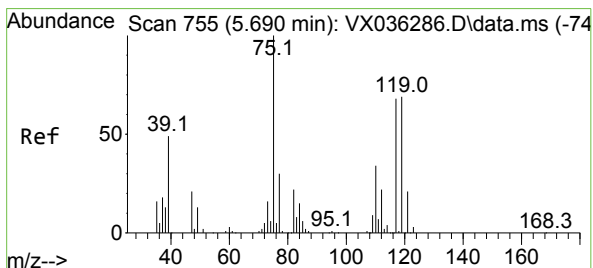
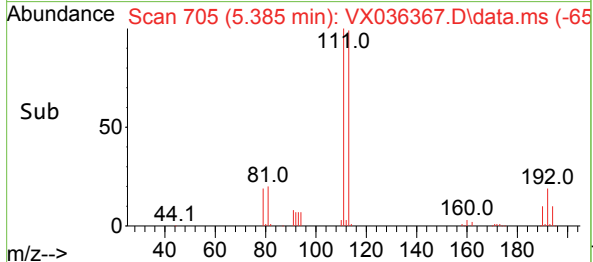
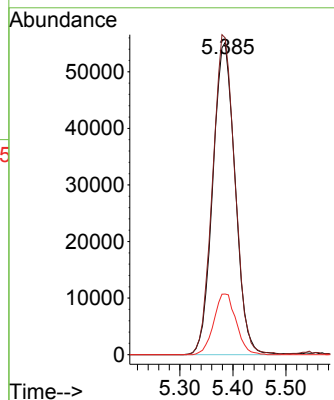
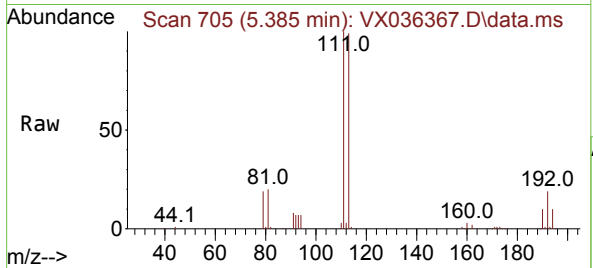




#35
Dibromofluoromethane
Concen: 48.009 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

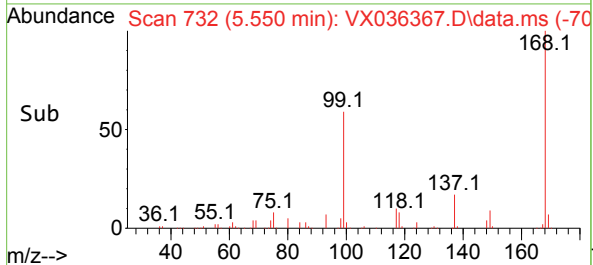
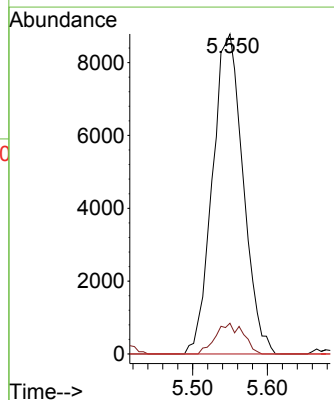
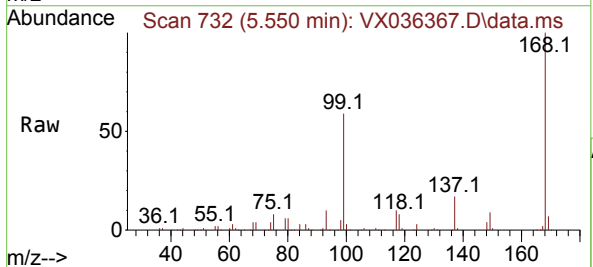
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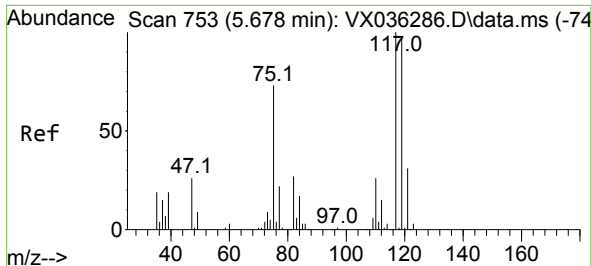
Tgt Ion:113 Resp: 160970
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 19.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.014 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

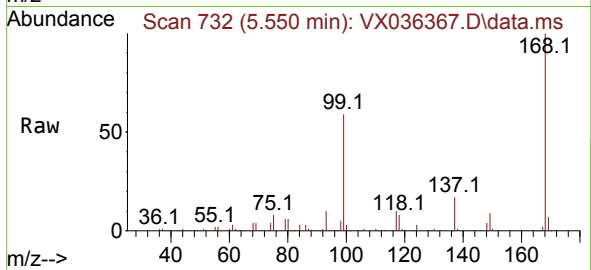
Tgt Ion: 75 Resp: 25059
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



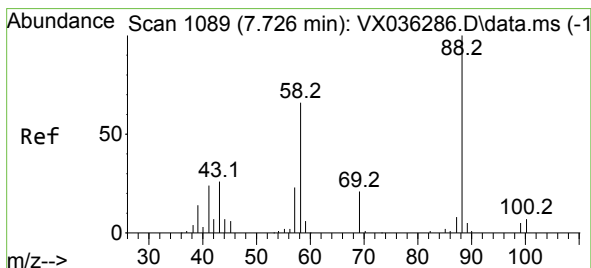
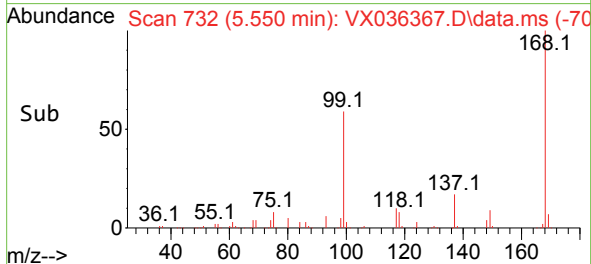
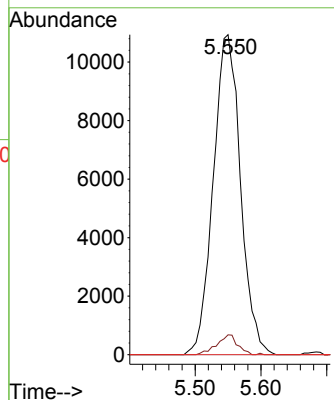


#38
Carbon Tetrachloride
Concen: 6.899 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

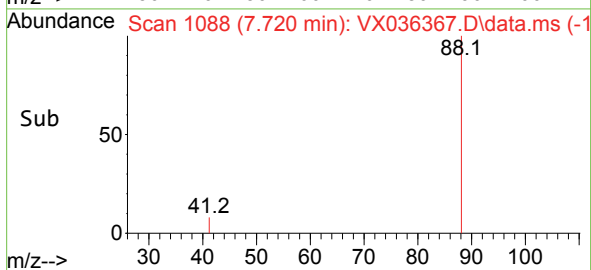
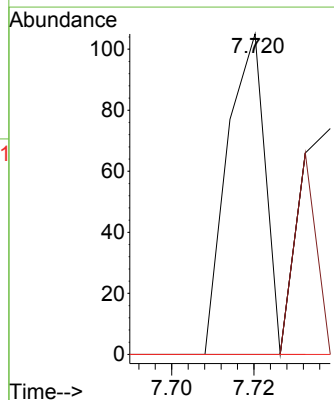
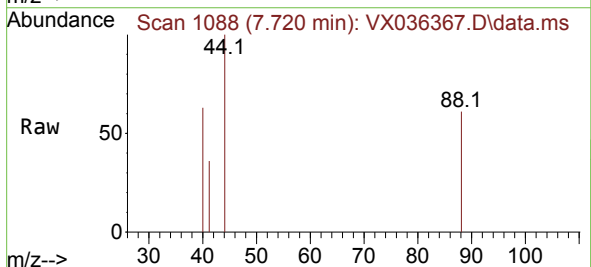


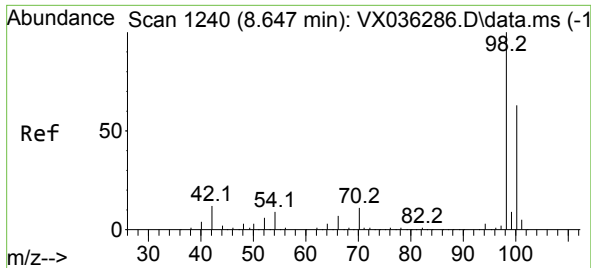
Tgt Ion:117 Resp: 31493
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#49
1,4-Dioxane
Concen: 0.746 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. -0.012 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion: 88 Resp: 67
Ion Ratio Lower Upper
88 100
43 35.8 0.0 0.0#
58 0.0 60.1 90.1#

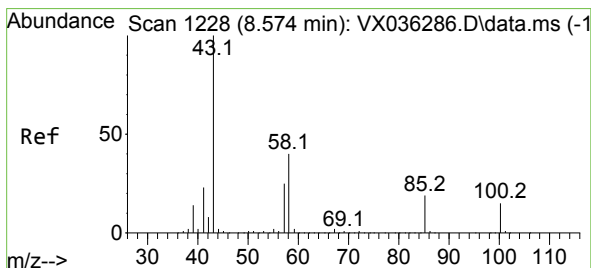
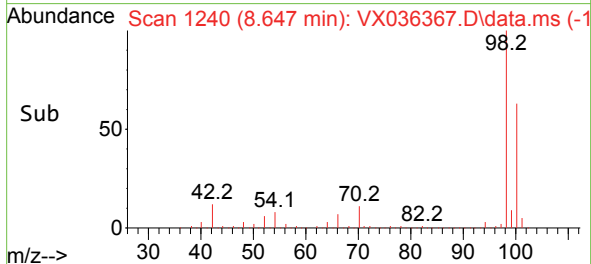
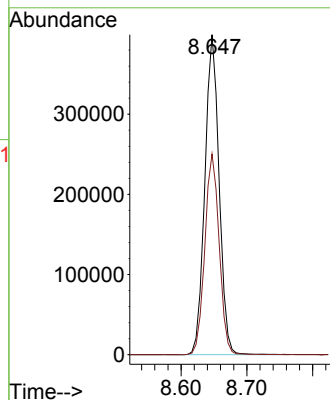
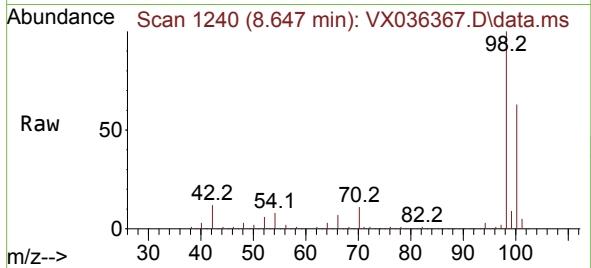




#50
Toluene-d8
Concen: 48.015 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

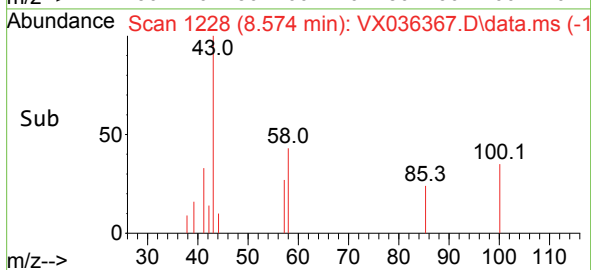
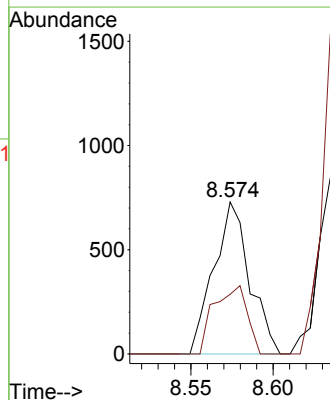
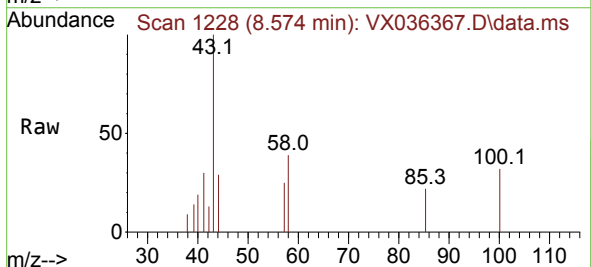
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

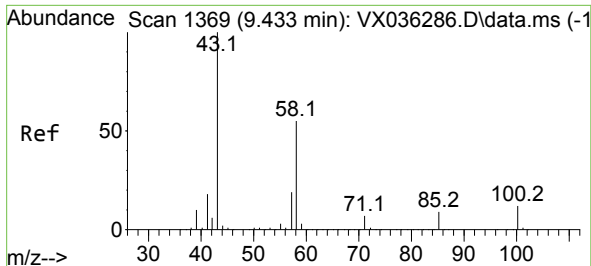
Tgt Ion: 98 Resp: 601291
Ion Ratio Lower Upper
98 100
100 63.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.211 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion: 43 Resp: 1107
Ion Ratio Lower Upper
43 100
58 41.3 30.4 45.6





#59

2-Hexanone

Concen: 0.243 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

Instrument :

MSVOA_X

ClientSampleId :

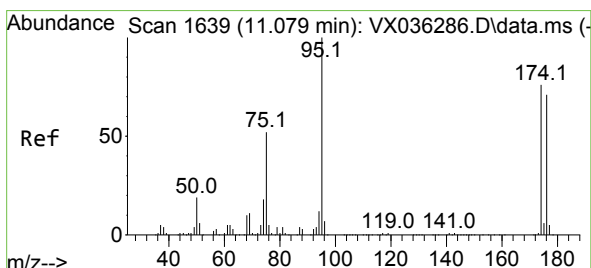
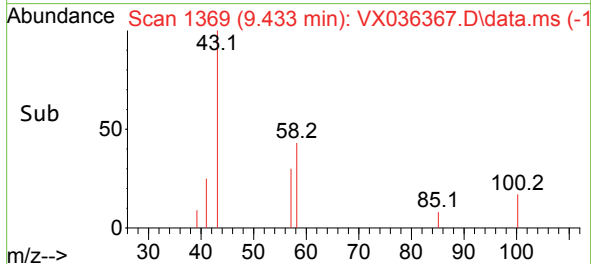
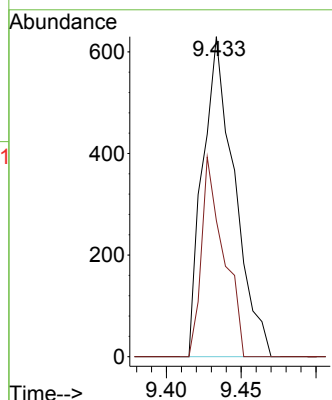
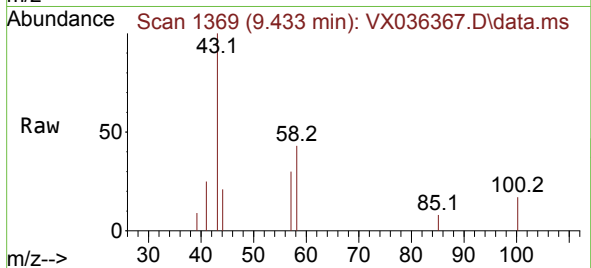
VX0629MBL01

Tgt Ion: 43 Resp: 929

Ion Ratio Lower Upper

43 100

58 43.6 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 49.497 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

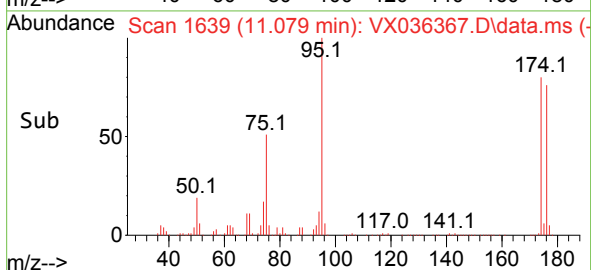
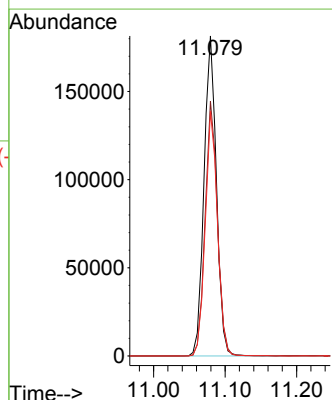
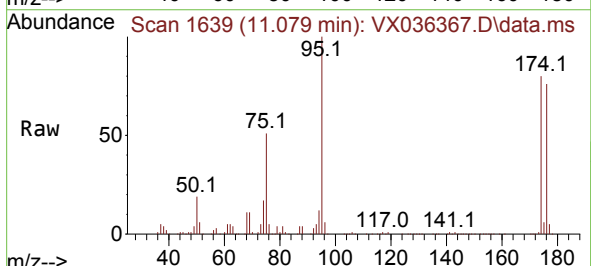
Tgt Ion: 95 Resp: 218333

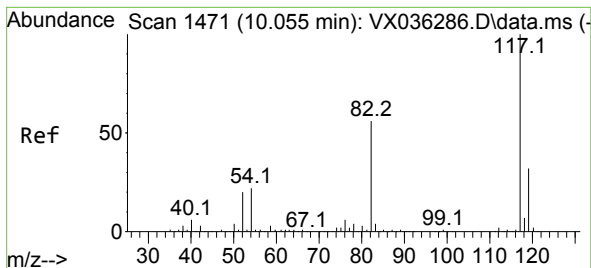
Ion Ratio Lower Upper

95 100

174 79.2 0.0 135.6

176 75.5 0.0 131.0

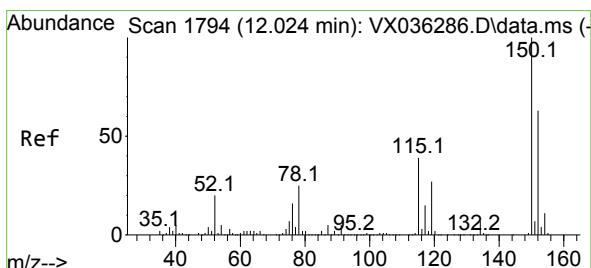
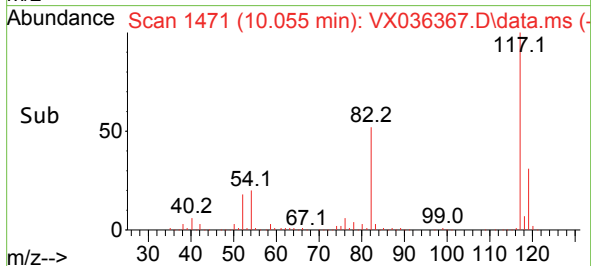
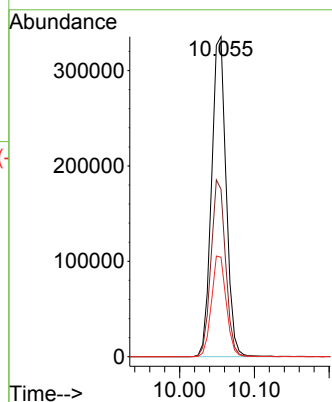
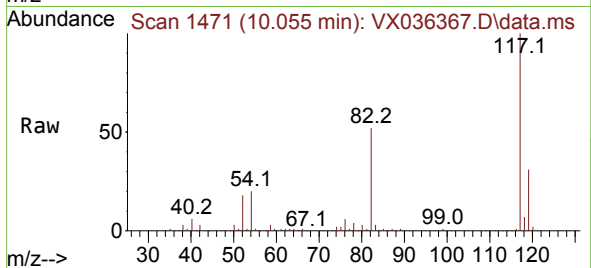




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

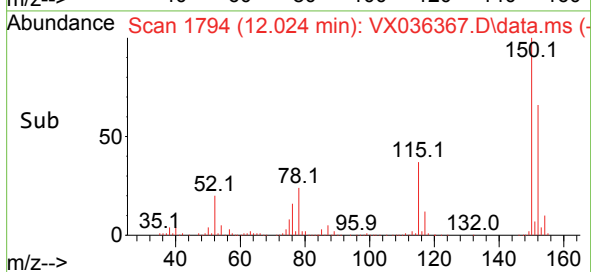
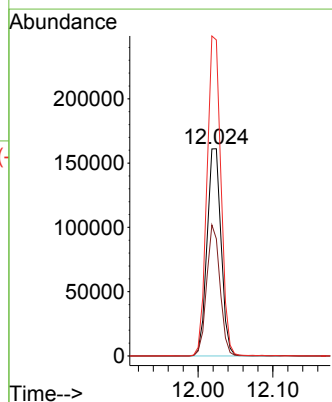
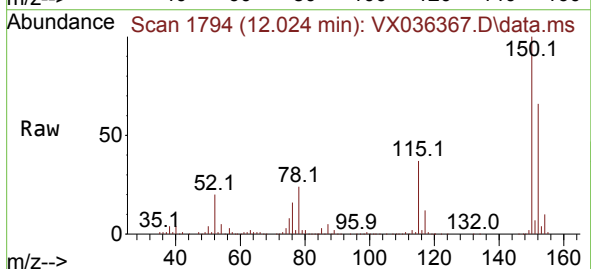
Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

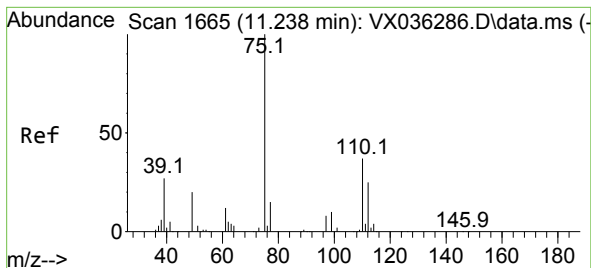
Tgt Ion:117 Resp: 455205
Ion Ratio Lower Upper
117 100
82 52.3 46.2 69.4
119 31.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion:152 Resp: 210234
Ion Ratio Lower Upper
152 100
115 59.8 43.3 129.9
150 153.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.992 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

Instrument :

MSVOA_X

ClientSampleId :

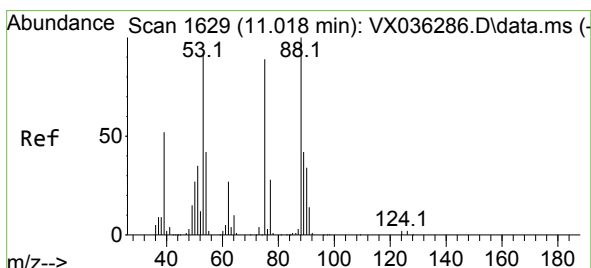
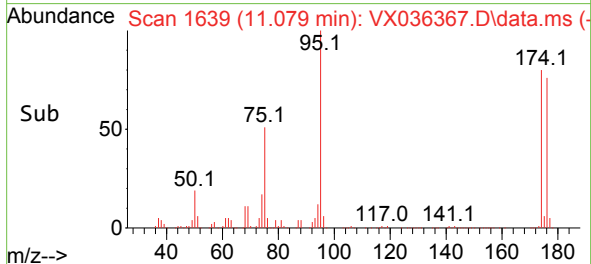
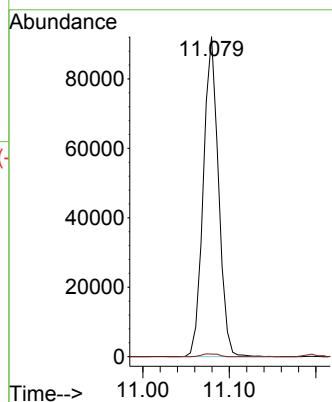
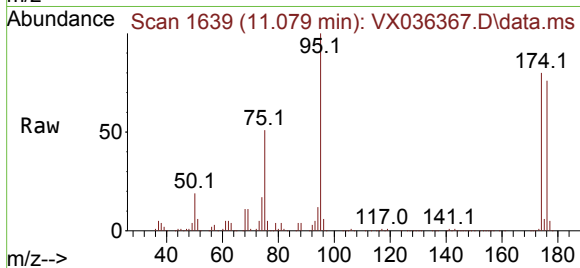
VX0629MBL01

Tgt Ion: 75 Resp: 112074

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.468 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

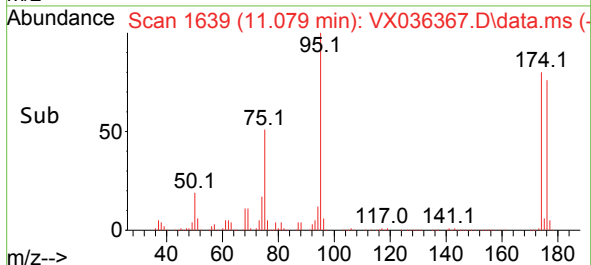
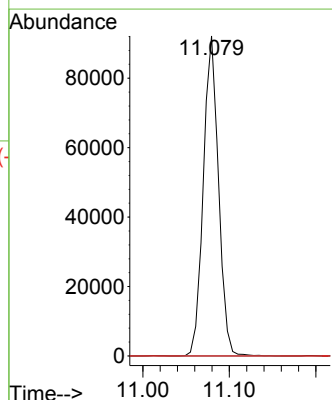
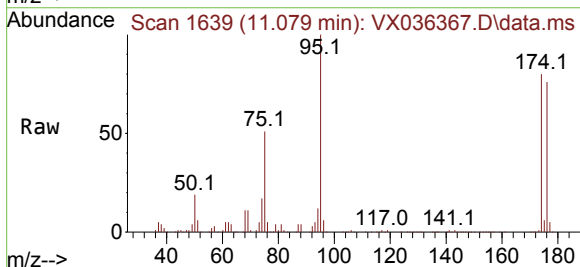
Tgt Ion: 75 Resp: 112074

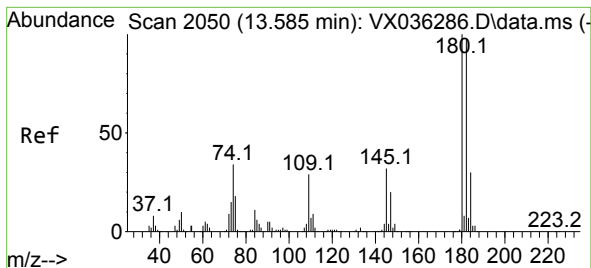
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.388 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0629MBL01

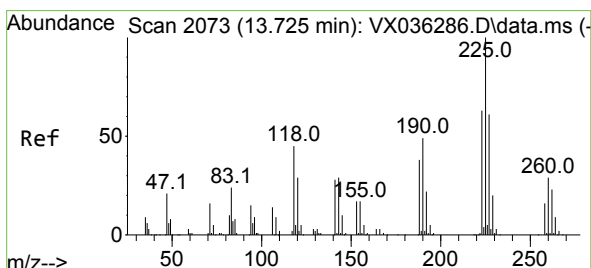
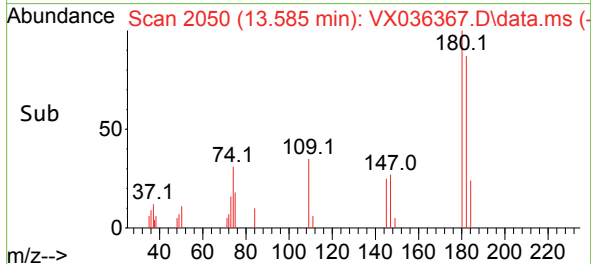
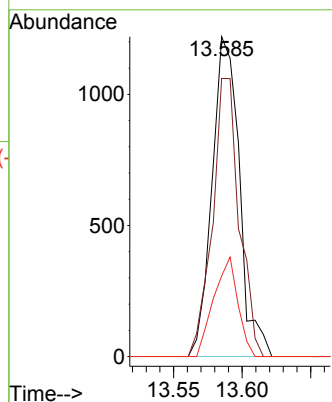
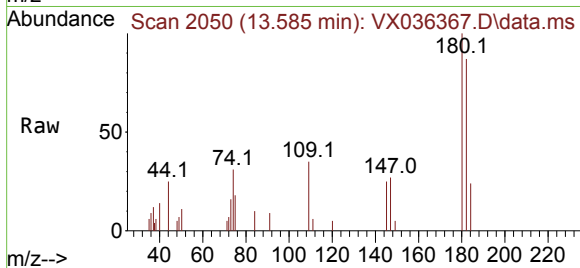
Tgt Ion:180 Resp: 1686

Ion Ratio Lower Upper

180 100

182 85.4 48.3 144.8

145 27.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.639 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036367.D

Acq: 29 Jun 2023 10:36

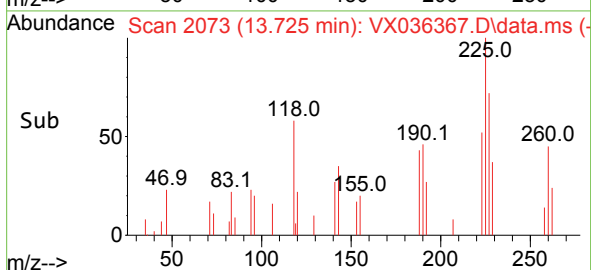
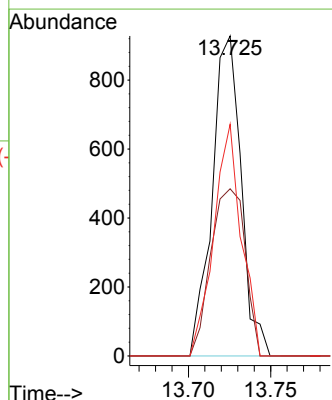
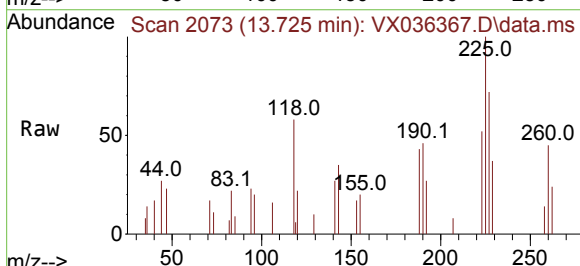
Tgt Ion:225 Resp: 1137

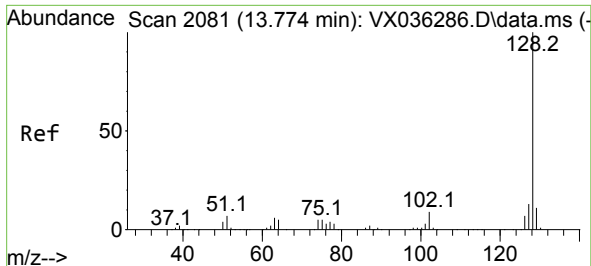
Ion Ratio Lower Upper

225 100

223 62.2 31.1 93.2

227 68.8 32.5 97.5

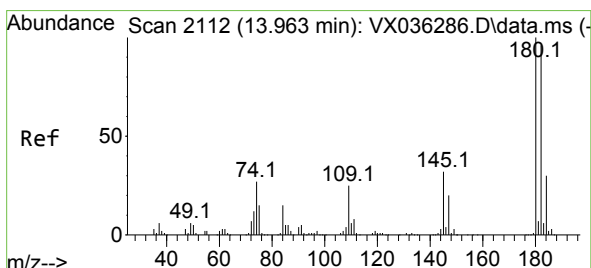
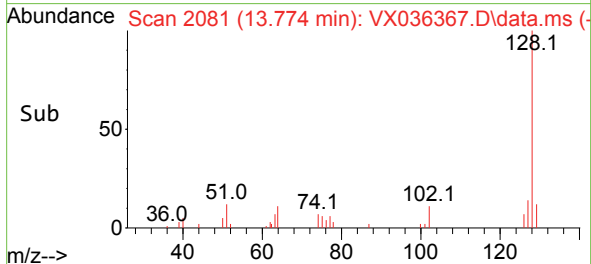
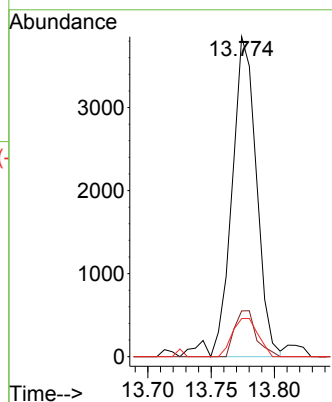
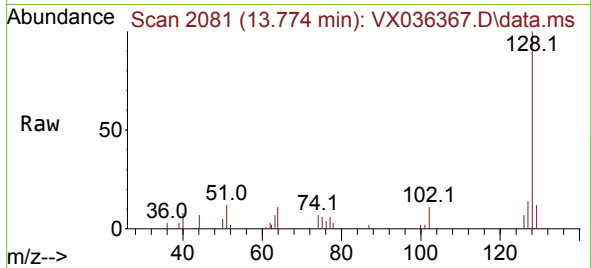




#95
Naphthalene
Concen: 0.366 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0629MBL01

Tgt Ion:128	Resp:	5256
Ion	Ratio	Lower Upper
128	100	
127	12.5	10.3 15.5
129	12.4	8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.444 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX036367.D
Acq: 29 Jun 2023 10:36

Tgt Ion:180	Resp:	1882
Ion	Ratio	Lower Upper
180	100	
182	87.8	46.9 140.6
145	34.1	17.8 53.5

