

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034219.D
 Acq On : 22 Feb 2023 11:02
 Operator : JC/MD
 Sample : VX0222MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0222MBL01

Quant Time: Feb 23 01:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

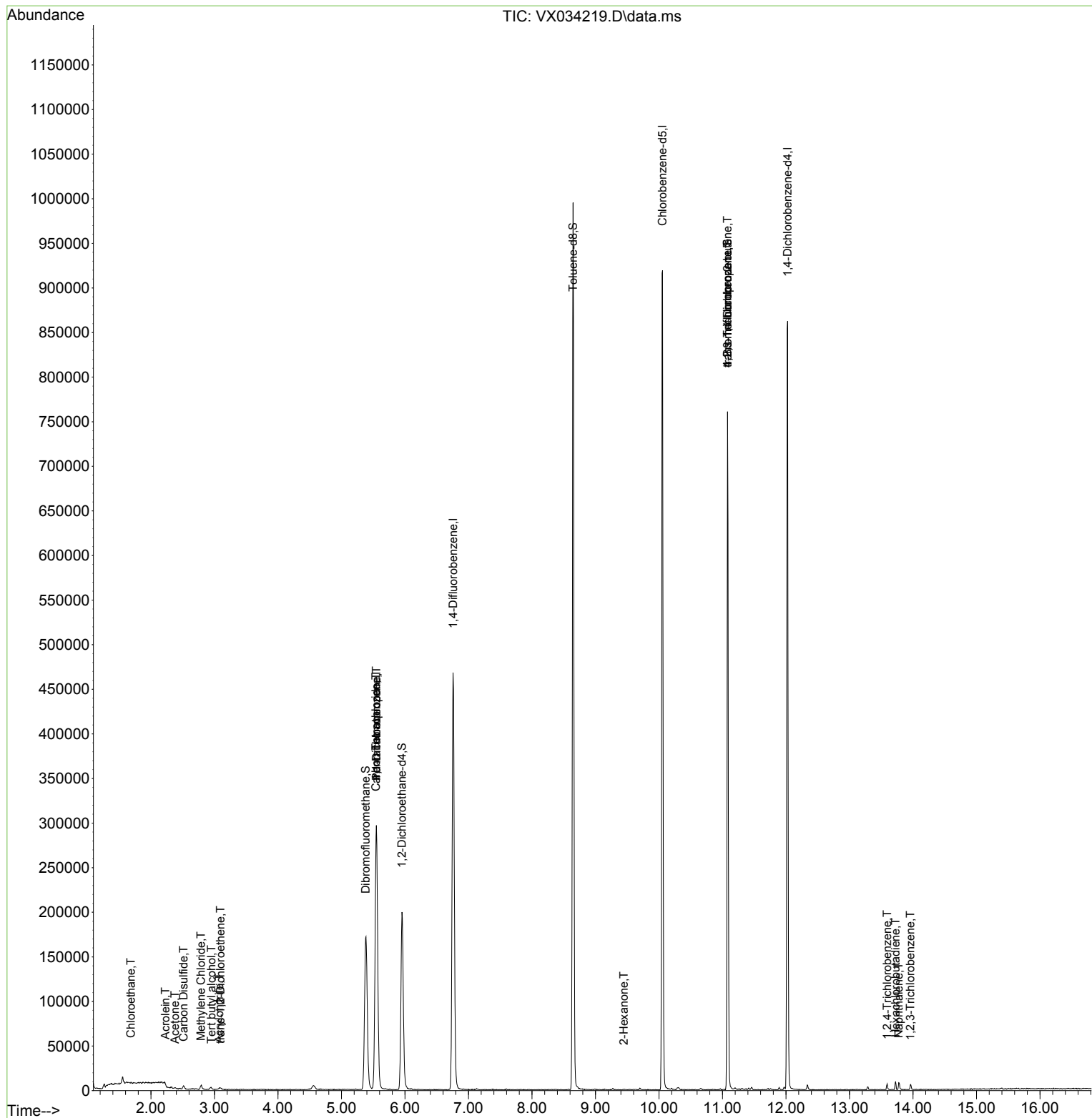
Internal Standards						
1) Pentafluorobenzene	5.550	168	297796	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	494348	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	432469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	188720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	177111	44.161	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.320%
35) Dibromofluoromethane	5.379	113	154837	48.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.220%
50) Toluene-d8	8.647	98	589013	50.970	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.940%
62) 4-Bromofluorobenzene	11.079	95	197595	44.702	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.400%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	421	Below Cal	#	44
6) Chloroethane	1.685	64	368	0.217	ug/l	91
11) Tert butyl alcohol	2.953	59	1384	1.543	ug/l #	94
13) Acrolein	2.227	56	587	1.434	ug/l #	28
15) Acrylonitrile	3.075	53	1206	0.616	ug/l #	79
16) Acetone	2.380	43	1041	0.503	ug/l #	58
17) Carbon Disulfide	2.514	76	4617	0.499	ug/l	96
20) Methylene Chloride	2.788	84	1936	0.519	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	687	0.204	ug/l	83
36) 1,1-Dichloropropene	5.550	75	21706	4.560	ug/l #	48
38) Carbon Tetrachloride	5.544	117	27803	5.676	ug/l #	15
59) 2-Hexanone	9.445	43	961	0.244	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	97243	20.478	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	97243	52.605	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.591	180	1560	0.383	ug/l	87
94) Hexachlorobutadiene	13.725	225	1283	0.759	ug/l	93
95) Naphthalene	13.774	128	6273	0.457	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	1812	0.448	ug/l	97

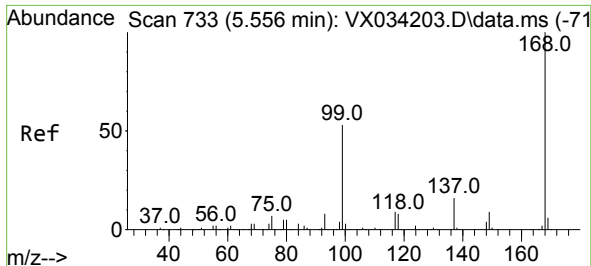
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

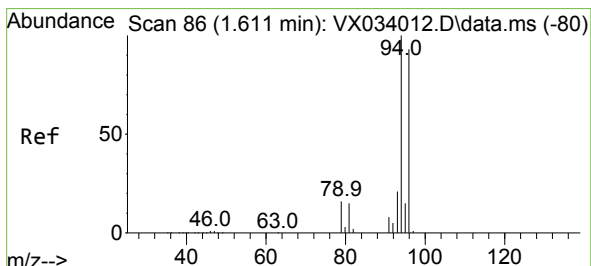
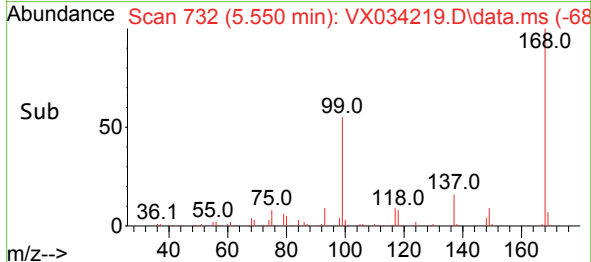
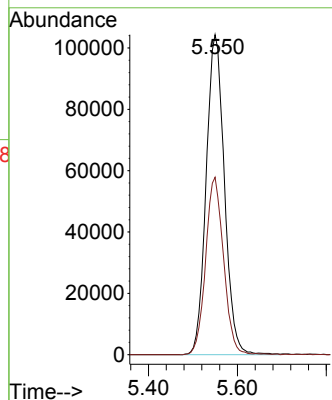
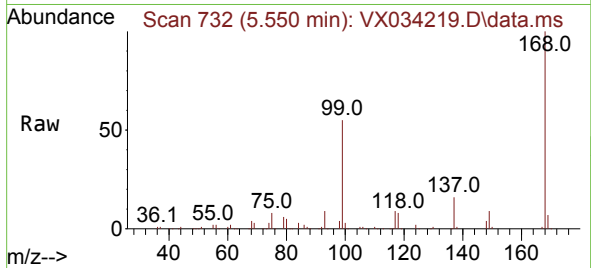




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

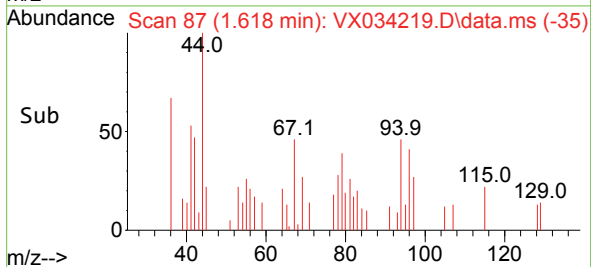
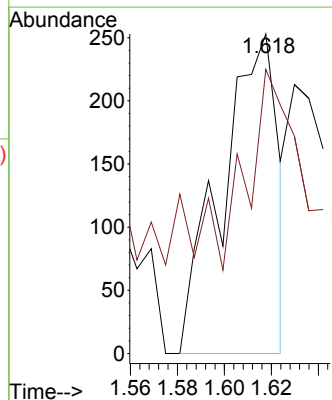
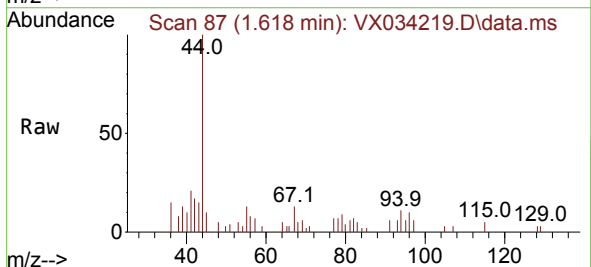
Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

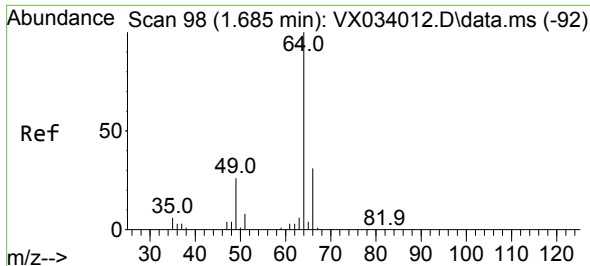
Tgt Ion:168 Resp: 297796
Ion Ratio Lower Upper
168 100
99 55.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 94 Resp: 421
Ion Ratio Lower Upper
94 100
96 39.1 74.3 111.5#

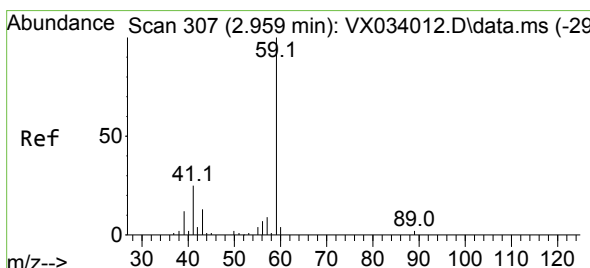
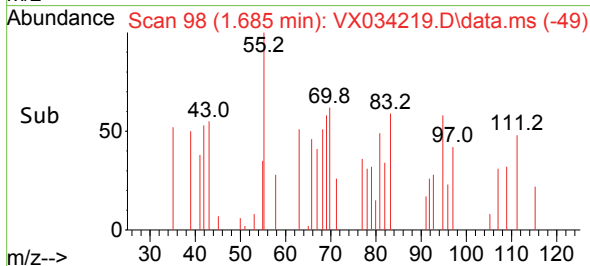
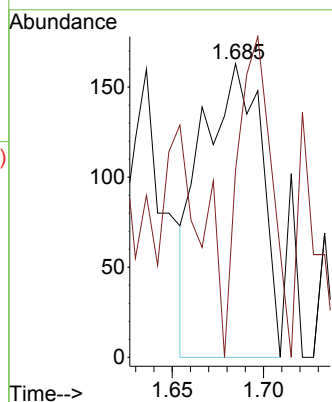
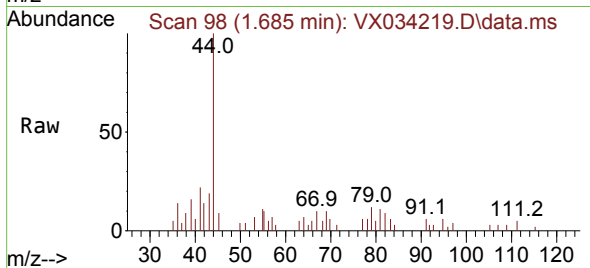




#6
Chloroethane
Concen: 0.217 ug/l
RT: 1.685 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

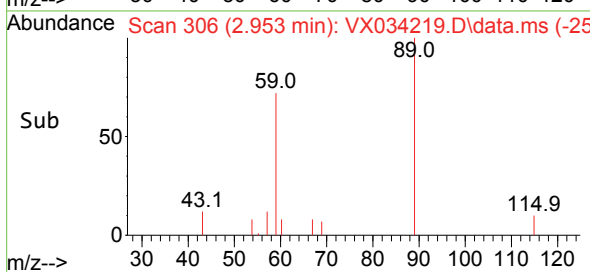
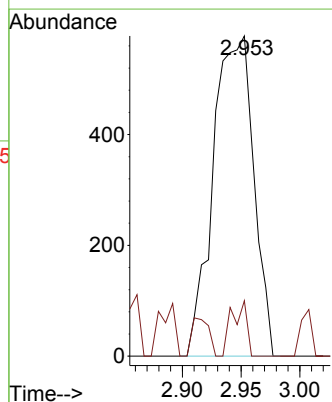
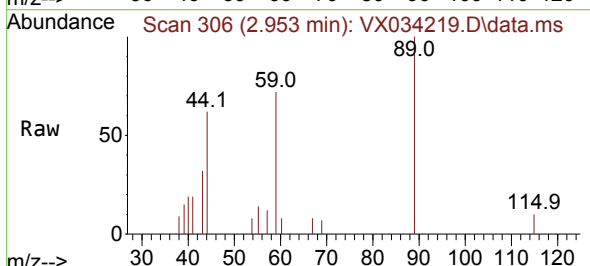
Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

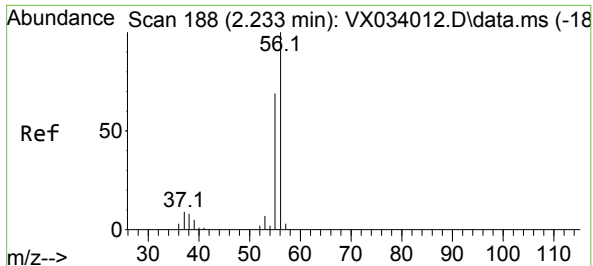
Tgt Ion: 64 Resp: 368
Ion Ratio Lower Upper
64 100
66 27.6 26.1 39.1



#11
Tert butyl alcohol
Concen: 1.543 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 59 Resp: 1384
Ion Ratio Lower Upper
59 100
57 6.5 3.7 5.5#

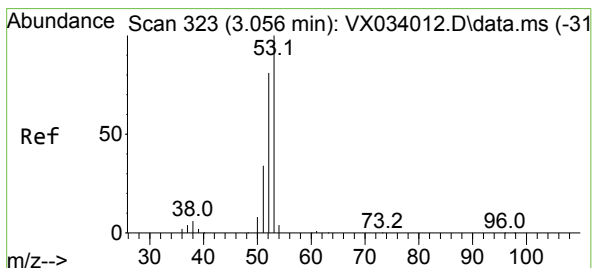
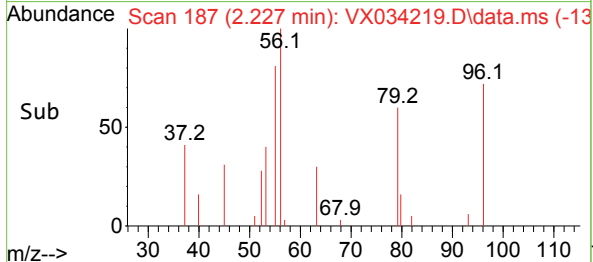
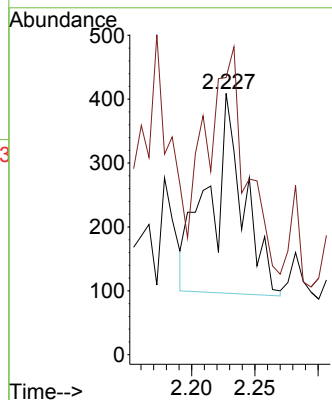
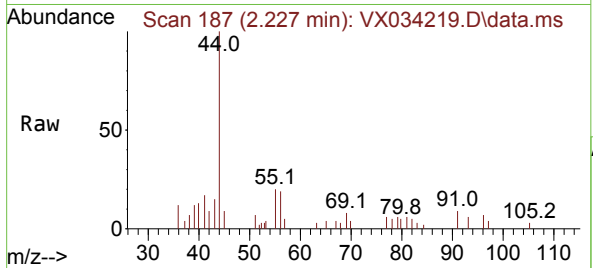




#13
Acrolein
Concen: 1.434 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

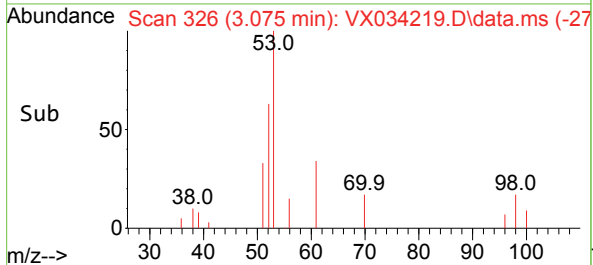
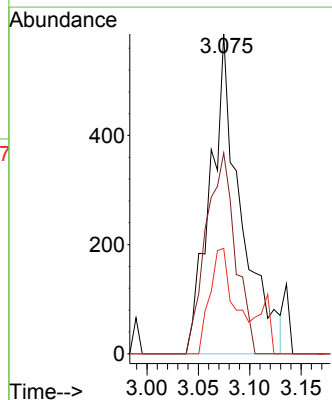
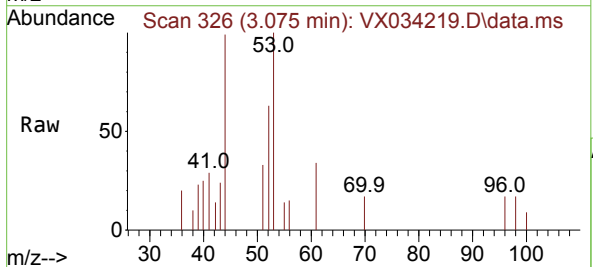
Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

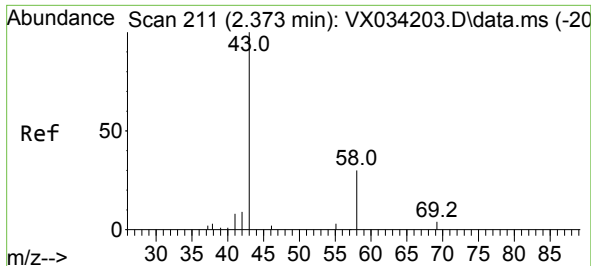
Tgt Ion: 56 Resp: 587
Ion Ratio Lower Upper
56 100
55 129.8 56.3 84.5#



#15
Acrylonitrile
Concen: 0.616 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.019 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 53 Resp: 1206
Ion Ratio Lower Upper
53 100
52 60.6 65.7 98.5#
51 26.9 29.0 43.4#

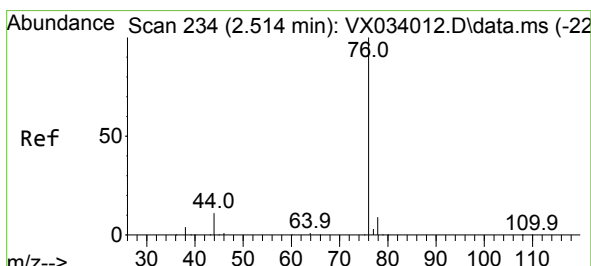
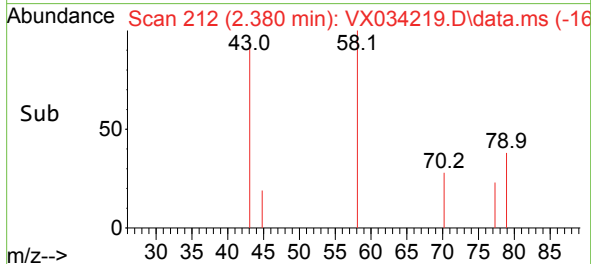
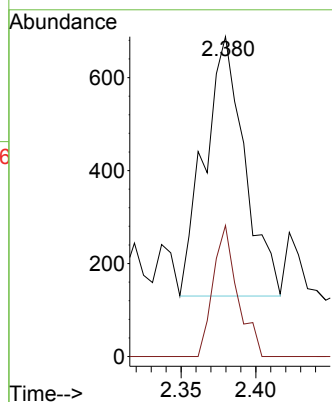
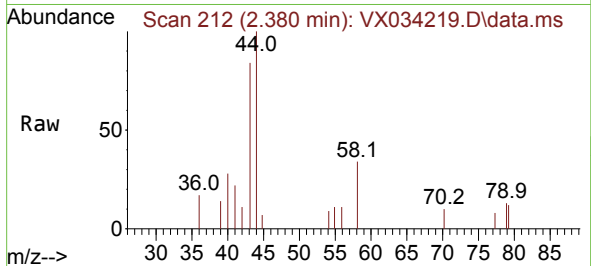




#16
Acetone
Concen: 0.503 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

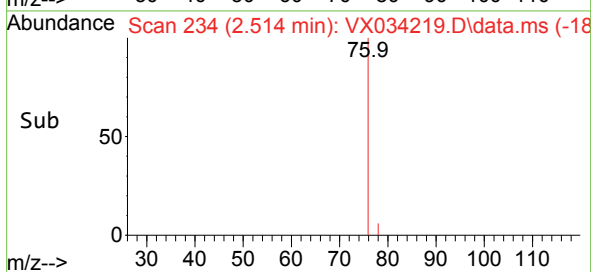
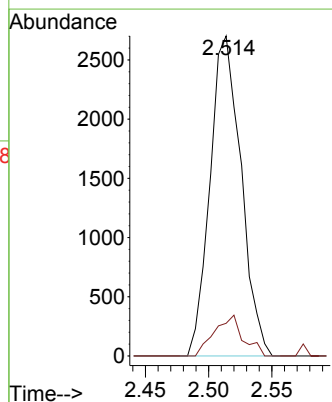
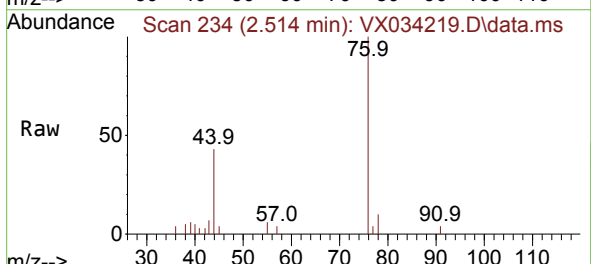
Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

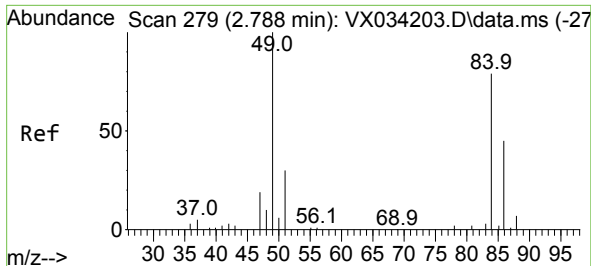
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 50.5 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.499 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 76 Resp: 4617
Ion Ratio Lower Upper
76 100
78 10.2 7.0 10.6



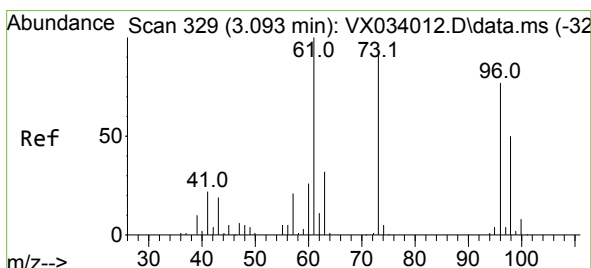
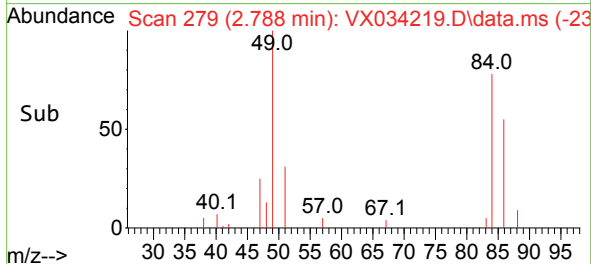
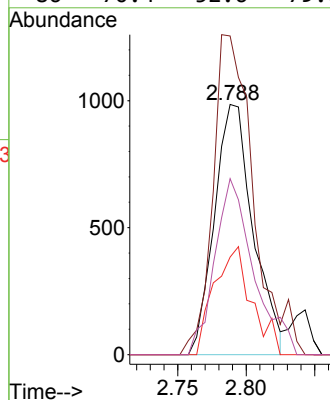
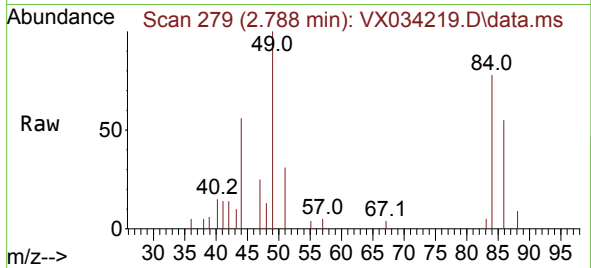


#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

Tgt Ion: 84 Resp: 1936

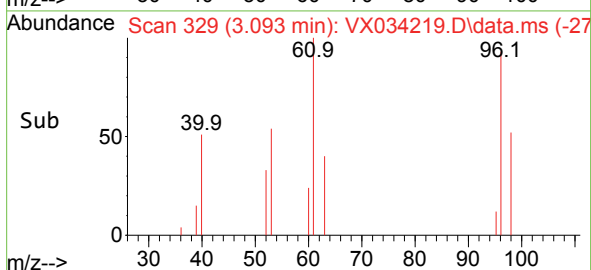
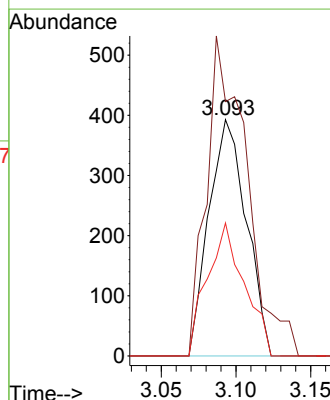
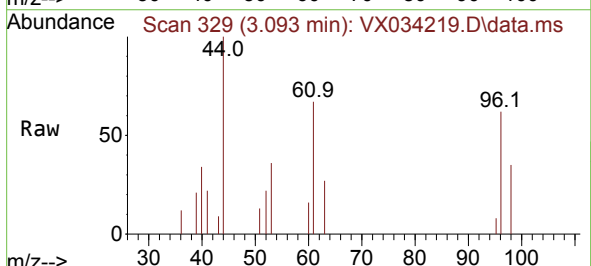
Ion	Ratio	Lower	Upper
84	100		
49	127.4	101.1	151.7
51	39.0	31.0	46.6
86	70.4	52.6	79.0

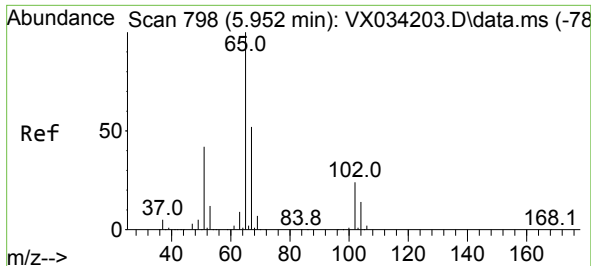


#21
trans-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 96 Resp: 687

Ion	Ratio	Lower	Upper
96	100		
61	107.6	106.7	160.1
98	56.2	50.0	75.0





#33

1,2-Dichloroethane-d4

Concen: 44.161 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

Instrument :

MSVOA_X

ClientSampleId :

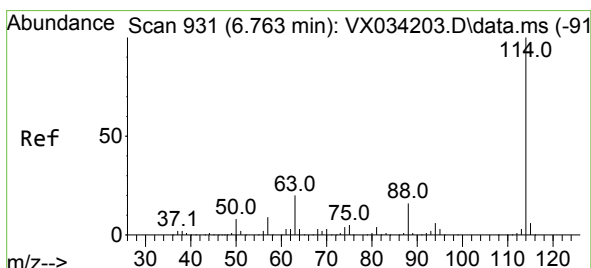
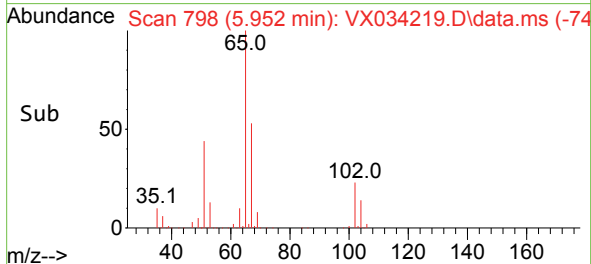
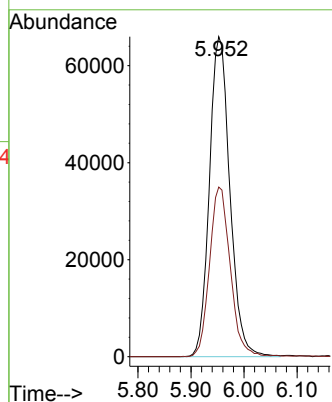
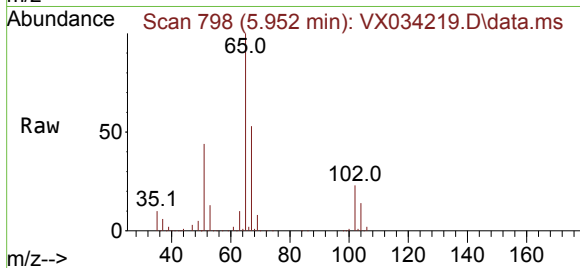
VX0222MBL01

Tgt Ion: 65 Resp: 177111

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

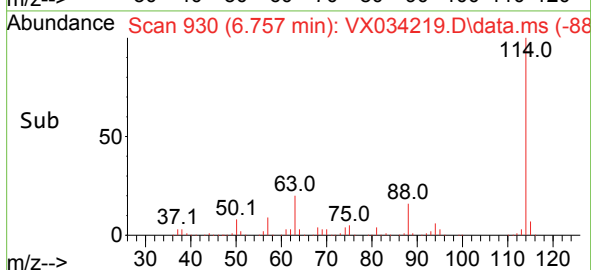
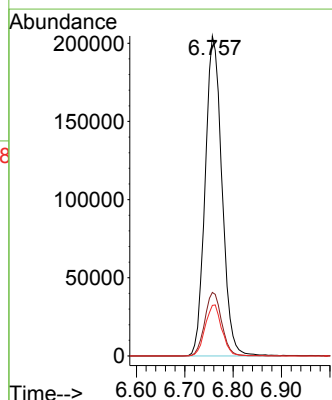
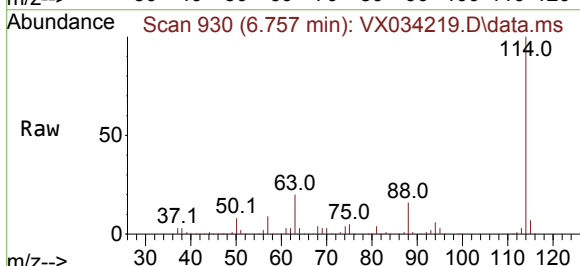
Tgt Ion: 114 Resp: 494348

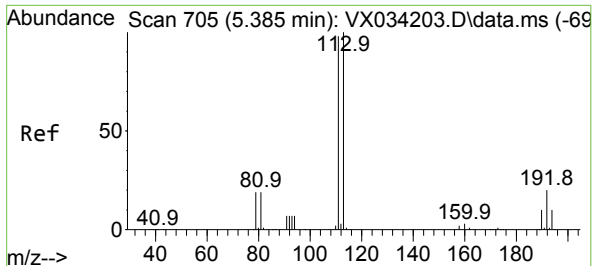
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.8 0.0 30.6

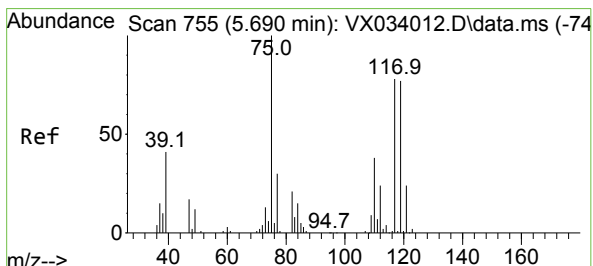
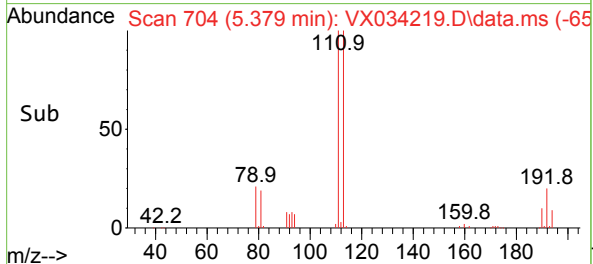
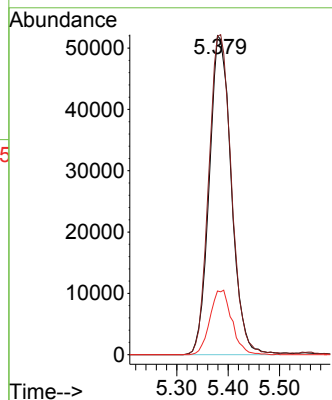
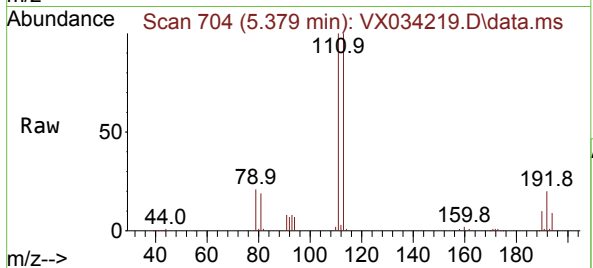




#35
Dibromofluoromethane
Concen: 48.106 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

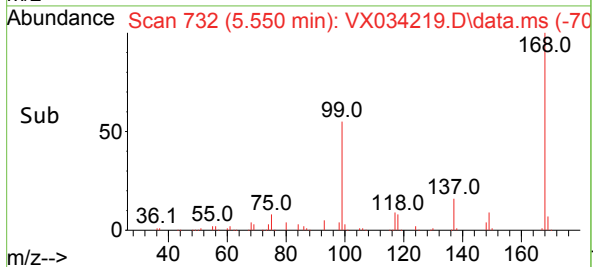
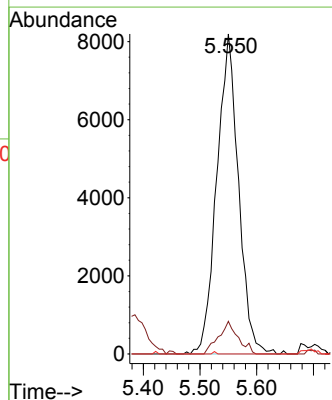
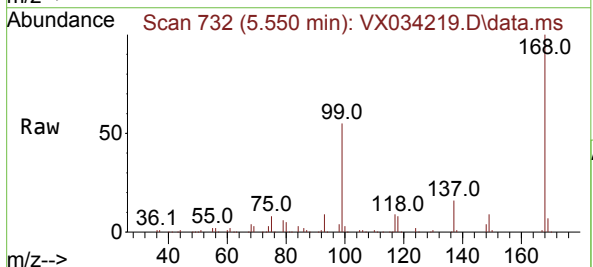
Instrument :
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VX0222MBL01

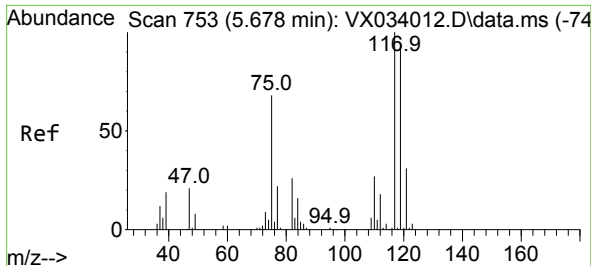
Tgt Ion:113 Resp: 154837
Ion Ratio Lower Upper
113 100
111 103.3 83.0 124.6
192 20.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

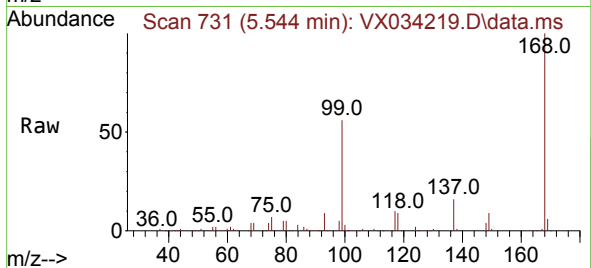
Tgt Ion: 75 Resp: 21706
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



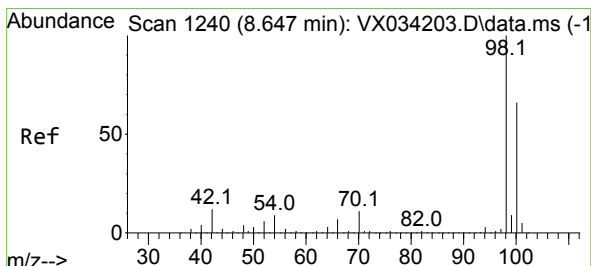
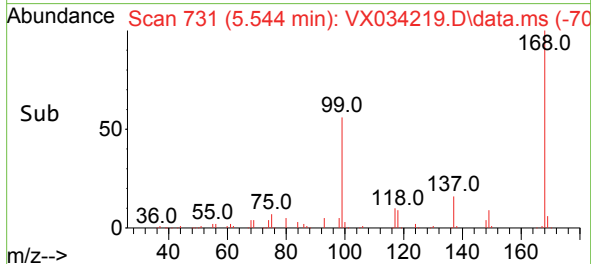
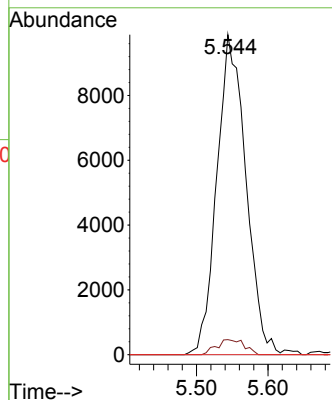


#38
Carbon Tetrachloride
Concen: 5.676 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

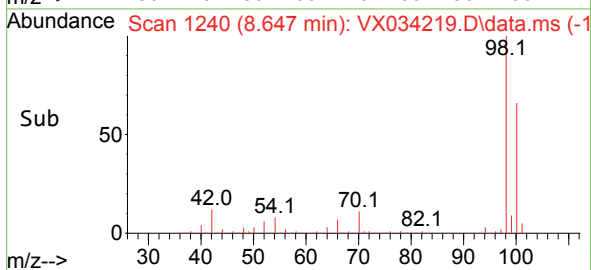
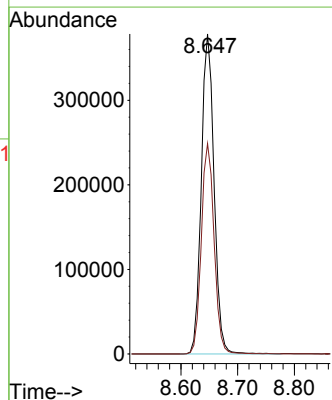
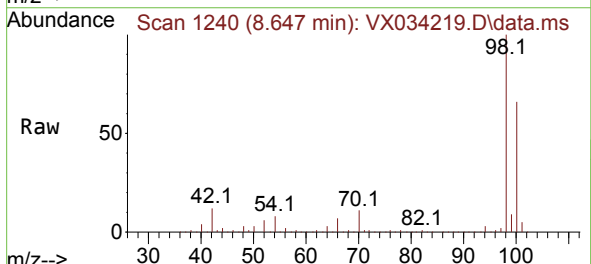


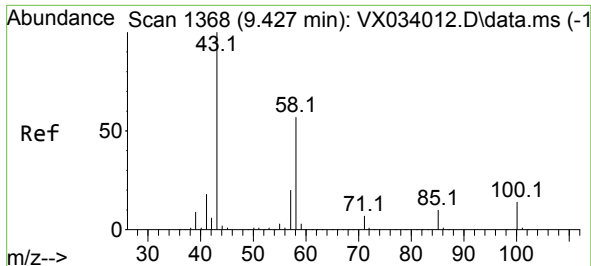
Tgt Ion:117 Resp: 27803
Ion Ratio Lower Upper
117 100
119 4.7 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.970 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 98 Resp: 589013
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4





#59

2-Hexanone

Concen: 0.244 ug/l

RT: 9.445 min Scan# 11

Delta R.T. 0.019 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

Instrument :

MSVOA_X

ClientSampleId :

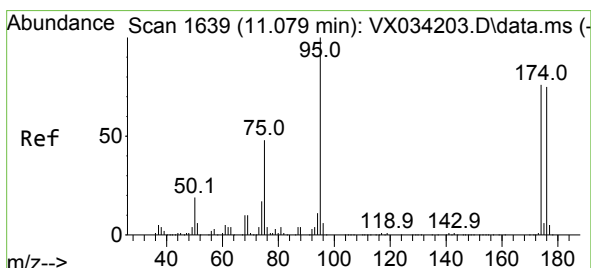
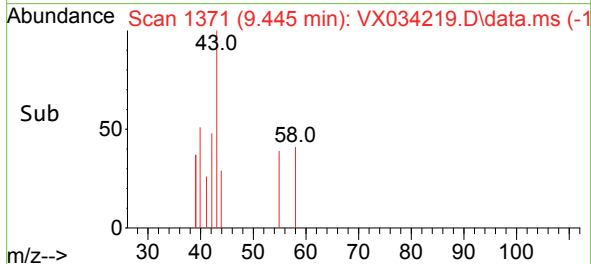
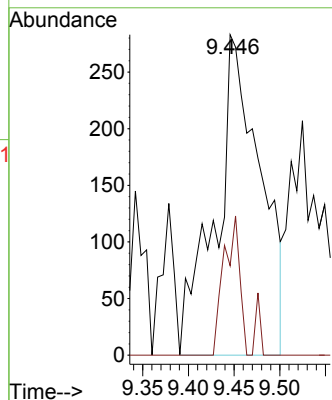
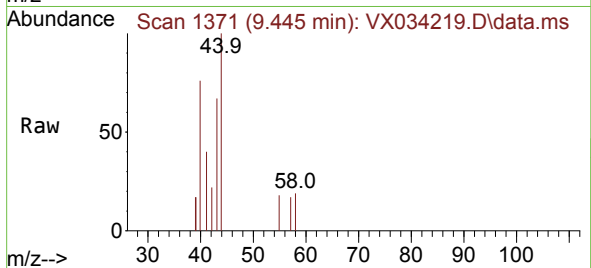
VX0222MBL01

Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

58 15.5 27.4 82.0#



#62

4-Bromofluorobenzene

Concen: 44.702 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

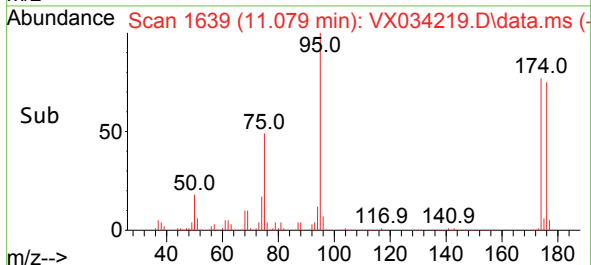
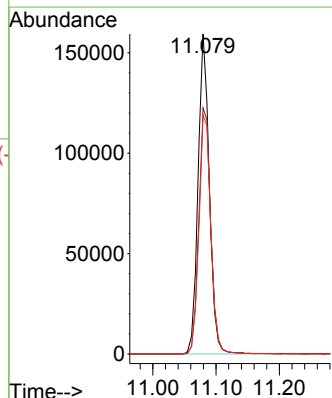
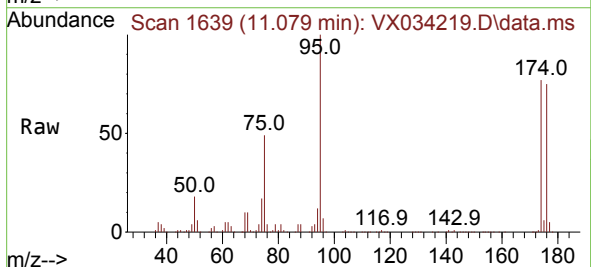
Tgt Ion: 95 Resp: 197595

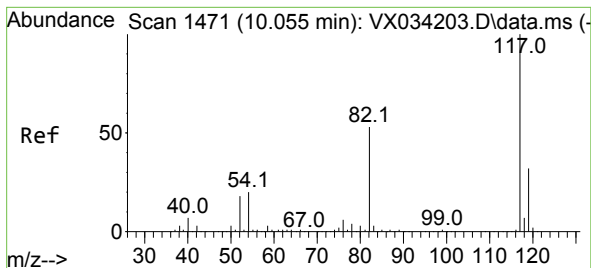
Ion Ratio Lower Upper

95 100

174 81.5 0.0 184.4

176 78.8 0.0 178.8

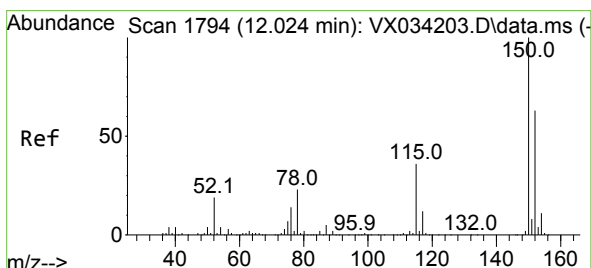
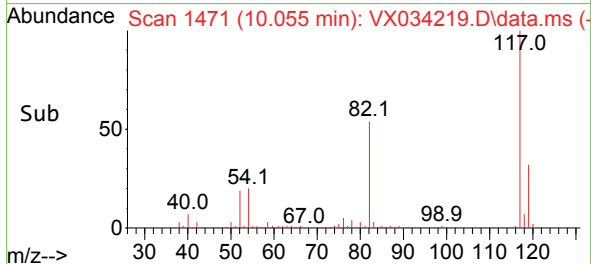
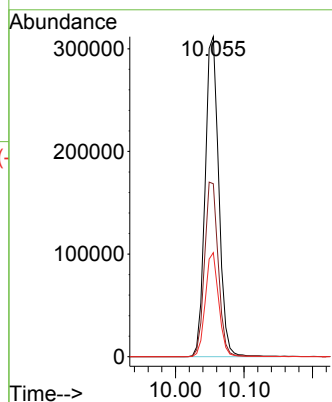
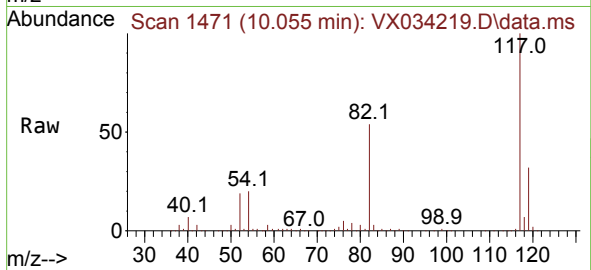




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

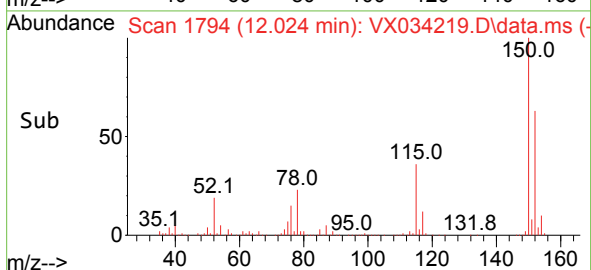
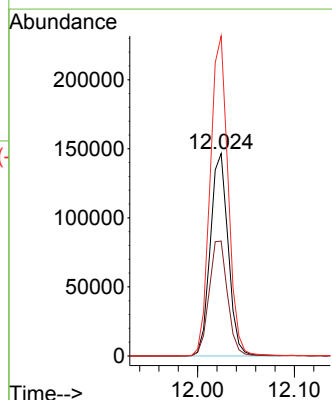
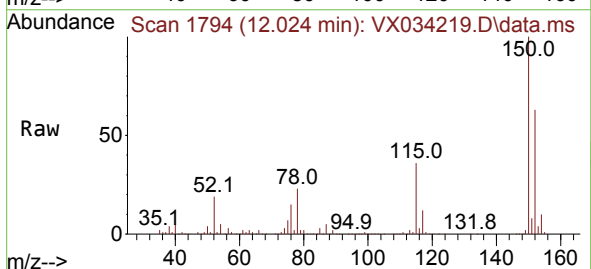
Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

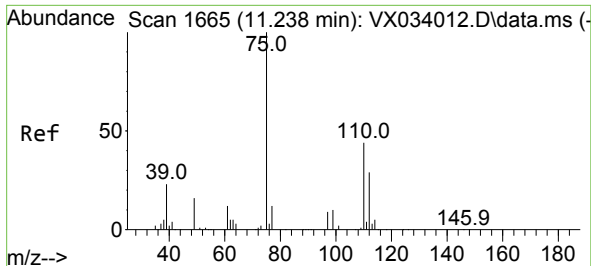
Tgt Ion:117 Resp: 432469
Ion Ratio Lower Upper
117 100
82 54.0 40.6 60.8
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion:152 Resp: 188720
Ion Ratio Lower Upper
152 100
115 58.8 38.7 116.1
150 158.3 0.0 348.2

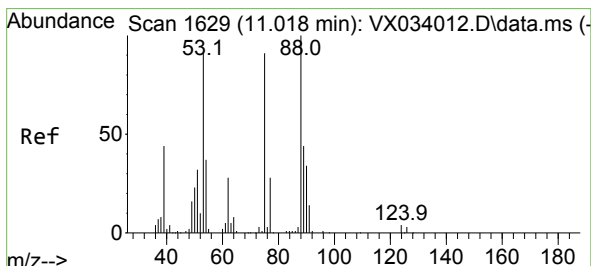
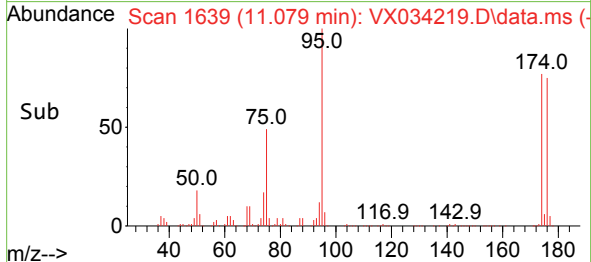
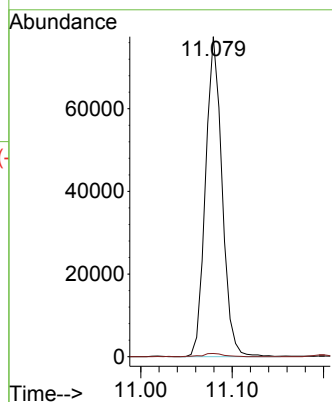
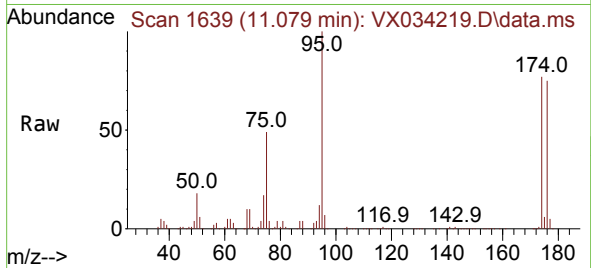




#76
1,2,3-Trichloropropane
Concen: 20.478 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

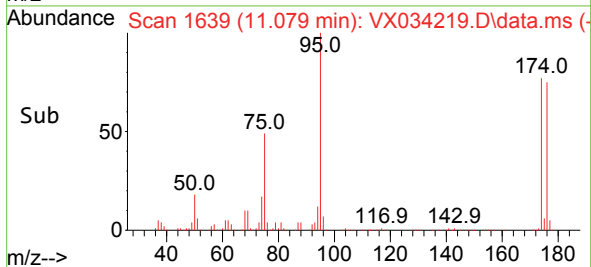
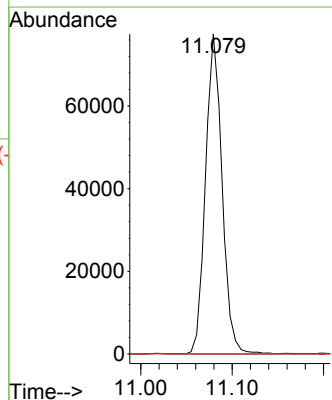
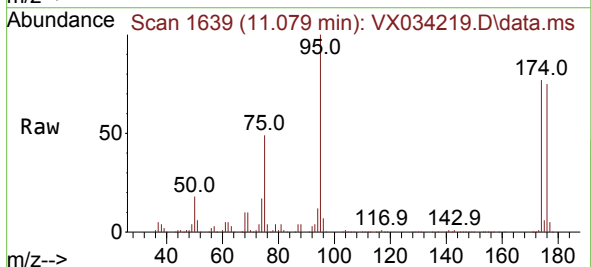
Instrument :
MSVOA_X
ClientSampleId :
VX0222MBL01

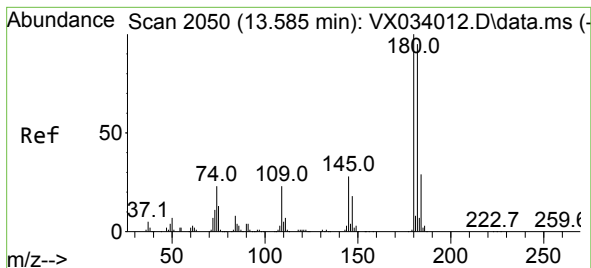
Tgt Ion: 75 Resp: 97243
Ion Ratio Lower Upper
75 100
77 1.3 21.8 65.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.605 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034219.D
Acq: 22 Feb 2023 11:02

Tgt Ion: 75 Resp: 97243
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.383 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0222MBL01

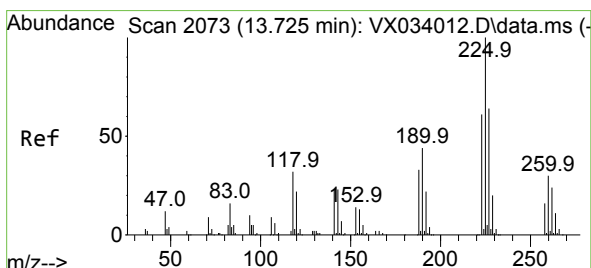
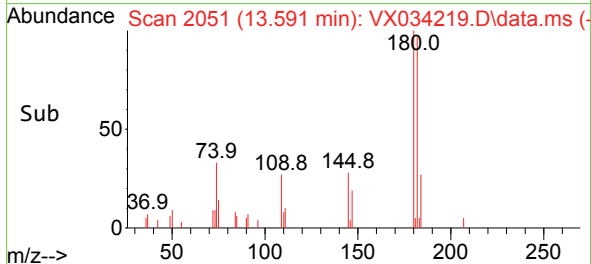
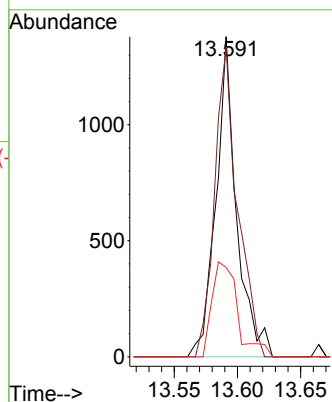
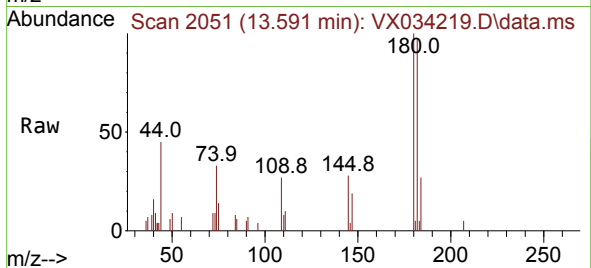
Tgt Ion:180 Resp: 1560

Ion Ratio Lower Upper

180 100

182 107.8 47.9 143.6

145 36.7 14.1 42.2



#94

Hexachlorobutadiene

Concen: 0.759 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

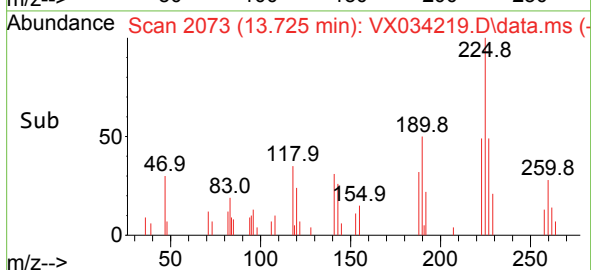
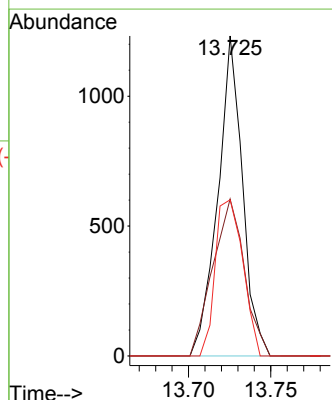
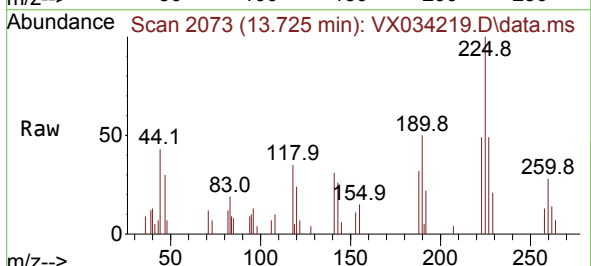
Tgt Ion:225 Resp: 1283

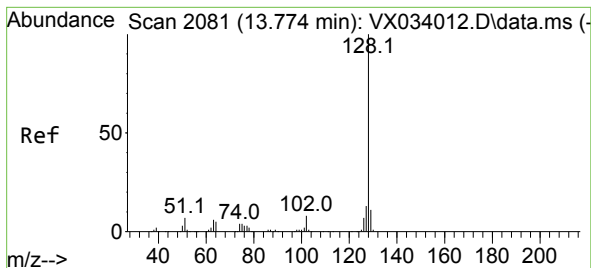
Ion Ratio Lower Upper

225 100

223 62.8 31.3 93.9

227 54.6 32.3 96.9





#95

Naphthalene

Concen: 0.457 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX0222MBL01

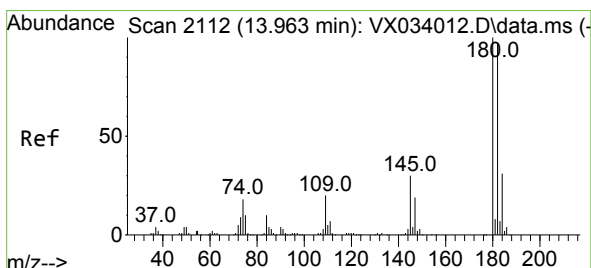
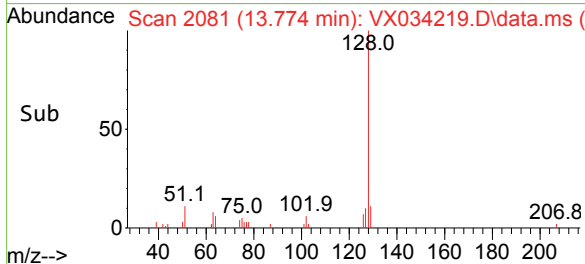
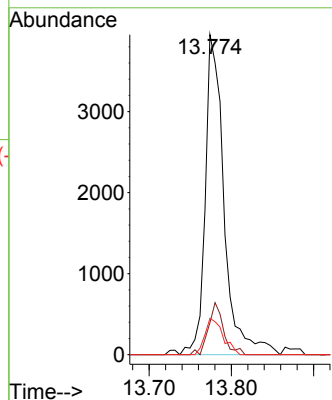
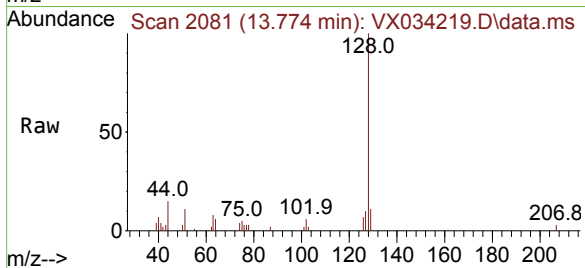
Tgt Ion:128 Resp: 6273

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 0.448 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.006 min

Lab File: VX034219.D

Acq: 22 Feb 2023 11:02

Tgt Ion:180 Resp: 1812

Ion Ratio Lower Upper

180 100

182 91.8 47.6 142.9

145 30.4 15.1 45.3

