

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034256.D
 Acq On : 24 Feb 2023 11:12
 Operator : JC/MD
 Sample : VX0224MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224MBL01

Quant Time: Feb 24 22:19:26 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

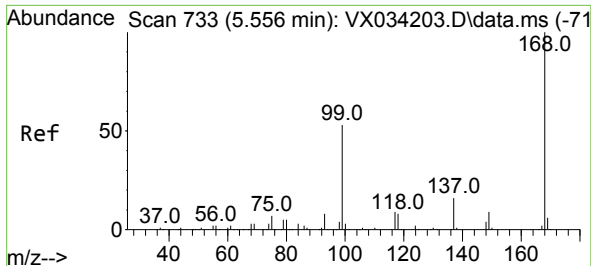
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	281096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	465230	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	167784	44.320	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.640%
35) Dibromofluoromethane	5.385	113	147903	48.827	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.647	98	553339	50.879	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	187955	45.182	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.360%

Target Compounds			Qvalue			
5) Bromomethane	1.581	94	47	Below Cal	#	3
11) Tert butyl alcohol	2.934	59	2265	2.675	ug/l	# 97
13) Acrolein	2.227	56	768	1.987	ug/l	# 94
15) Acrylonitrile	3.068	53	574	0.311	ug/l	# 53
16) Acetone	2.373	43	1286	0.659	ug/l	# 80
17) Carbon Disulfide	2.514	76	4726	0.541	ug/l	# 97
20) Methylene Chloride	2.800	84	969	0.275	ug/l	# 78
21) trans-1,2-Dichloroethene	3.093	96	660	0.207	ug/l	# 84
31) Cyclohexane	5.538	56	5903	1.044	ug/l	# 24
36) 1,1-Dichloropropene	5.550	75	20886	4.662	ug/l	# 48
38) Carbon Tetrachloride	5.544	117	26560	5.762	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	92516	20.499	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	92516	52.659	ug/l	# 8
93) 1,2,4-Trichlorobenzene	13.591	180	1742	0.450	ug/l	# 91
94) Hexachlorobutadiene	13.725	225	1198	0.746	ug/l	# 95
95) Naphthalene	13.780	128	5680	0.435	ug/l	# 99
96) 1,2,3-Trichlorobenzene	13.963	180	1569	0.408	ug/l	# 97

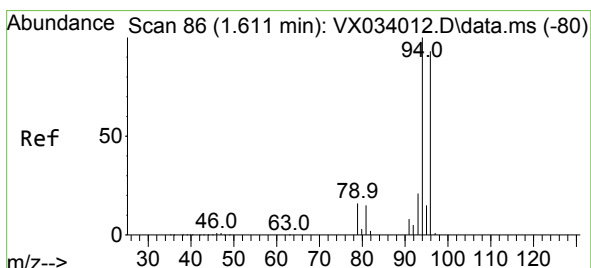
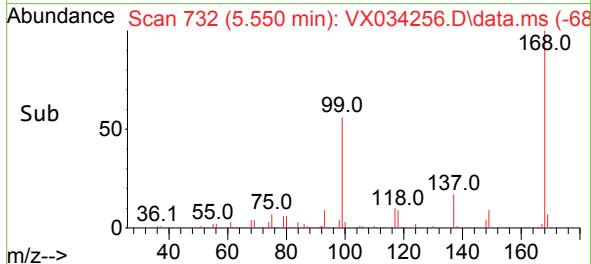
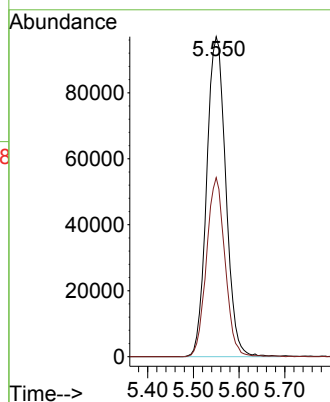
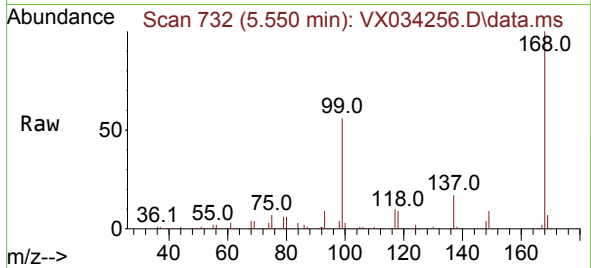
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

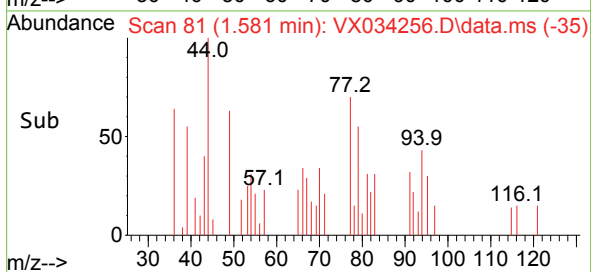
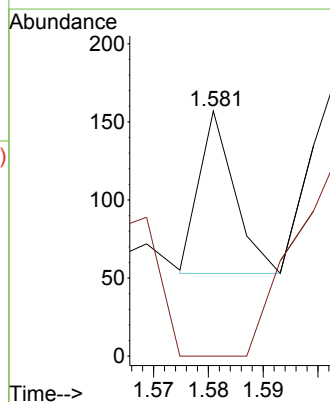
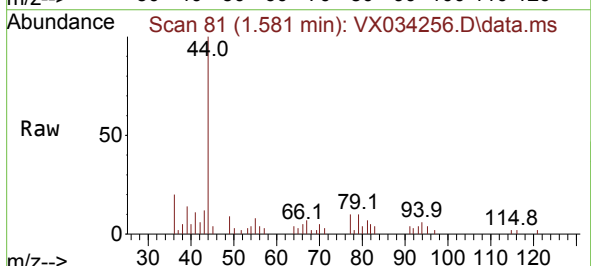
Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01

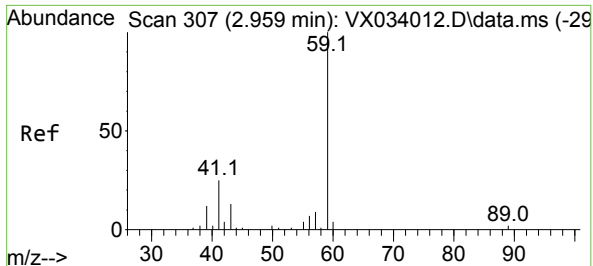
Tgt Ion:168 Resp: 281096
Ion Ratio Lower Upper
168 100
99 56.0 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 94 Resp: 47
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#

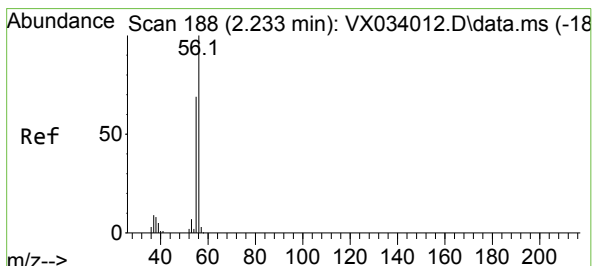
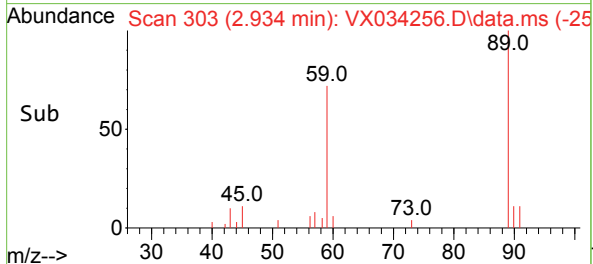
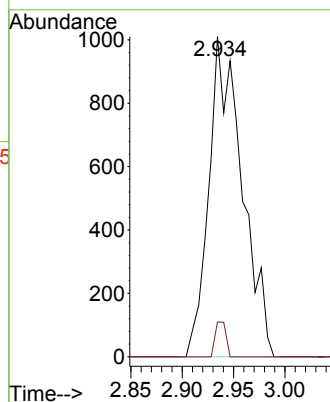
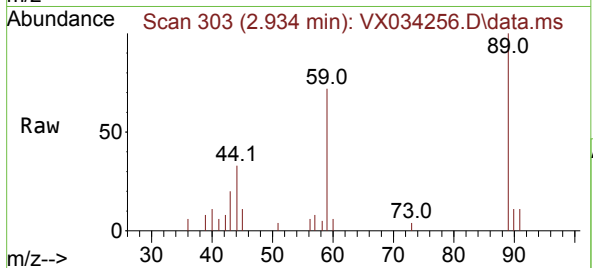




#11
Tert butyl alcohol
Concen: 2.675 ug/l
RT: 2.934 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

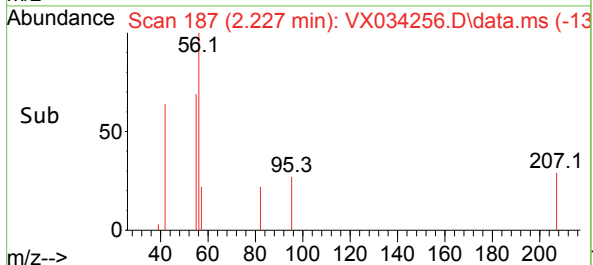
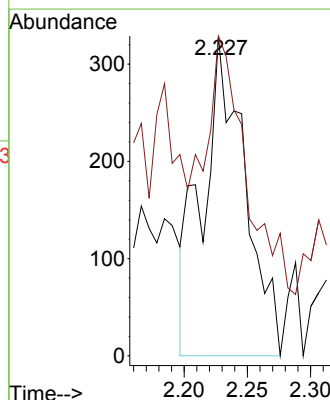
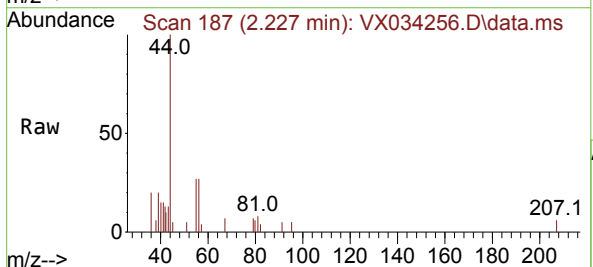
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ClientSampleId :
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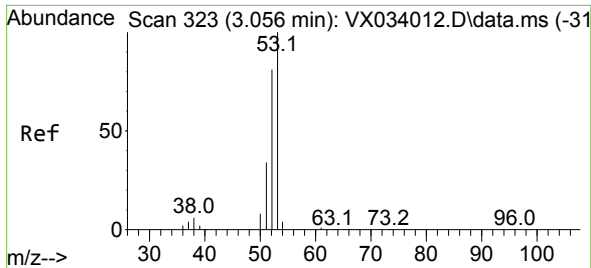
Tgt Ion: 59 Resp: 2265
Ion Ratio Lower Upper
59 100
57 3.5 3.7 5.5#



#13
Acrolein
Concen: 1.987 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 56 Resp: 768
Ion Ratio Lower Upper
56 100
55 65.4 56.3 84.5

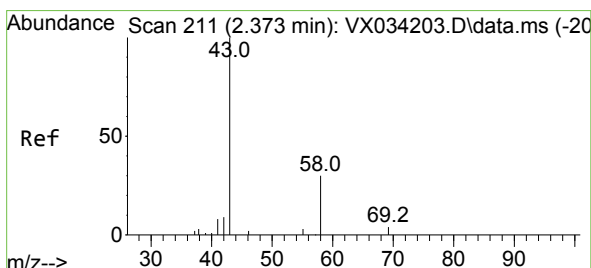
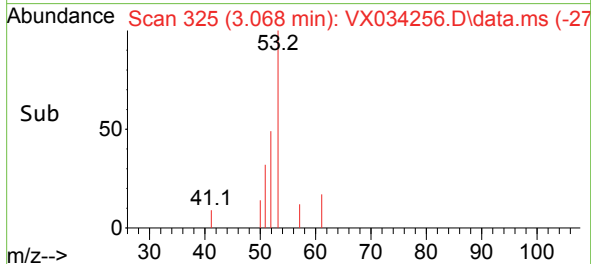
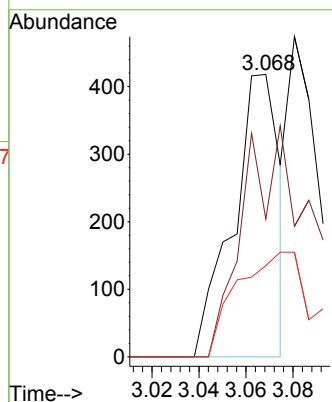
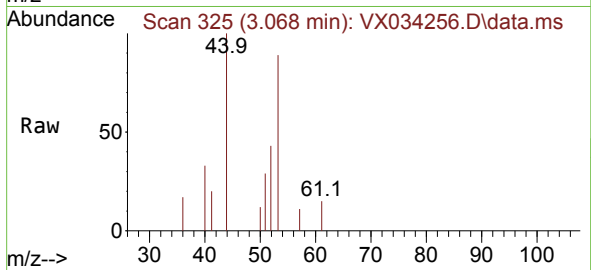




#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

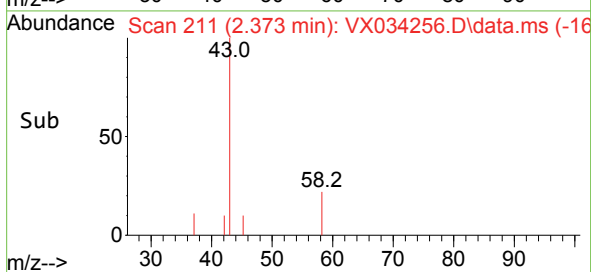
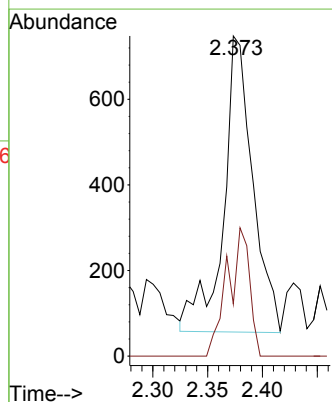
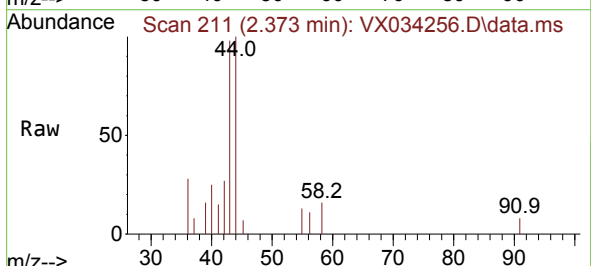
Instrument :
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ClientSampleId :
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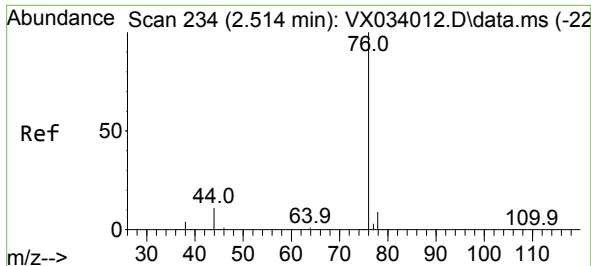
Tgt Ion: 53 Resp: 574
Ion Ratio Lower Upper
53 100
52 123.5 65.7 98.5#
51 65.3 29.0 43.4#



#16
Acetone
Concen: 0.659 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 43 Resp: 1286
Ion Ratio Lower Upper
43 100
58 17.7 22.6 33.8#

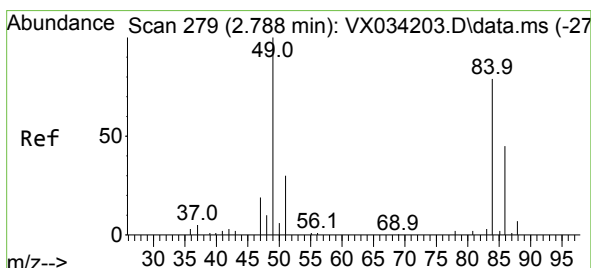
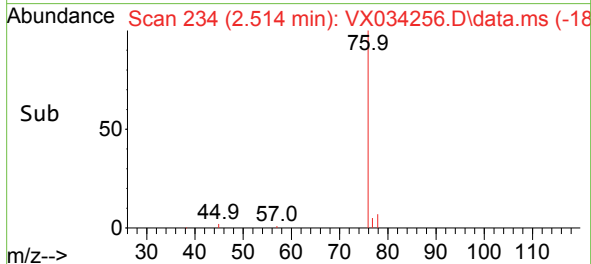
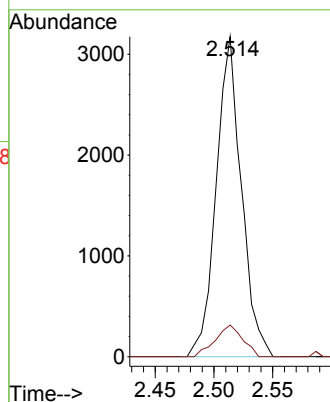
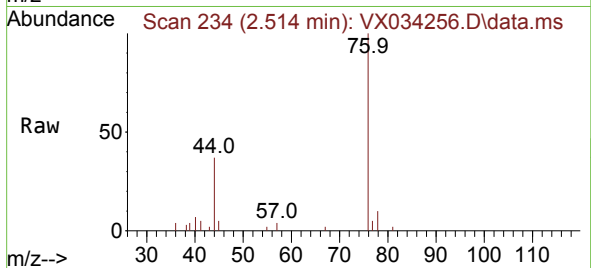




#17
Carbon Disulfide
Concen: 0.541 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

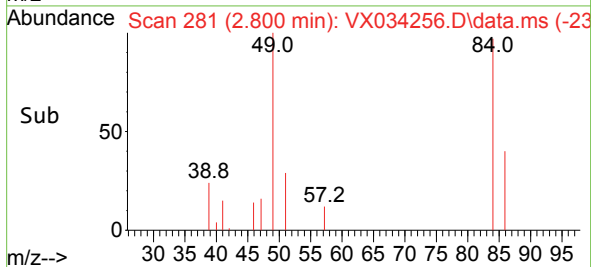
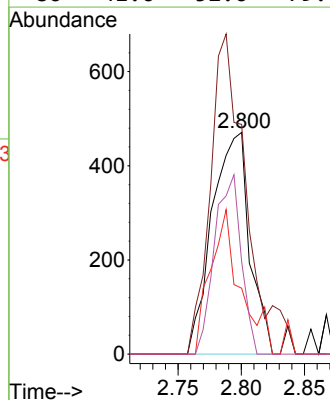
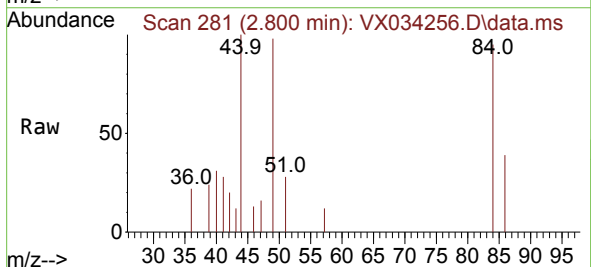
Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01

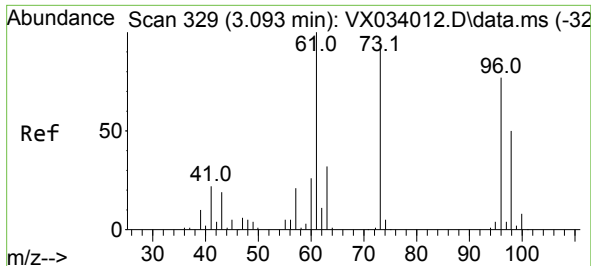
Tgt Ion: 76 Resp: 4726
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#20
Methylene Chloride
Concen: 0.275 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 84 Resp: 969
Ion Ratio Lower Upper
84 100
49 103.6 101.1 151.7
51 29.7 31.0 46.6#
86 41.6 52.6 79.0#

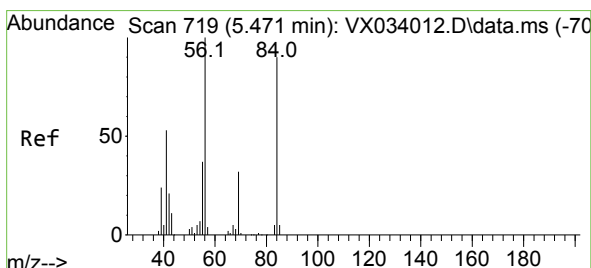
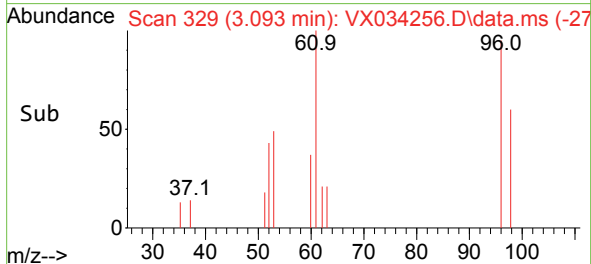
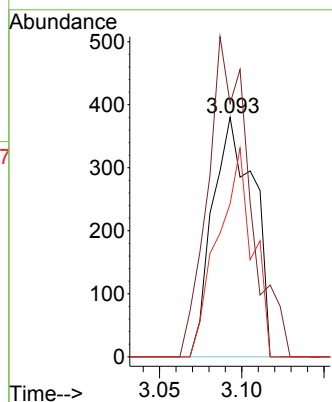
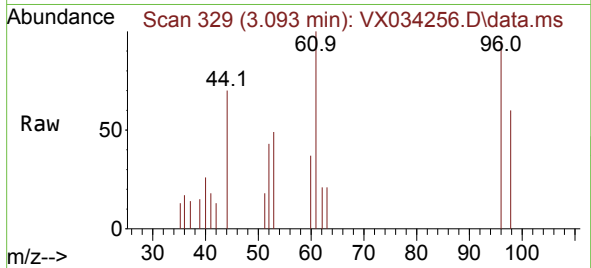




#21
trans-1,2-Dichloroethene
Concen: 0.207 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

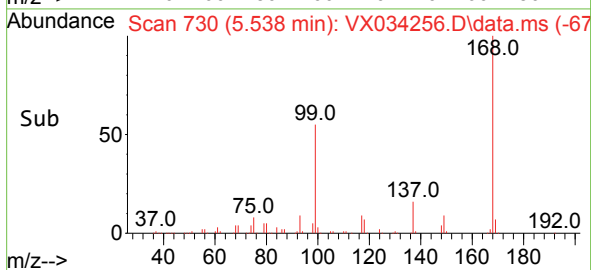
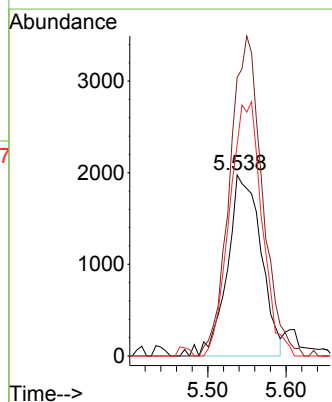
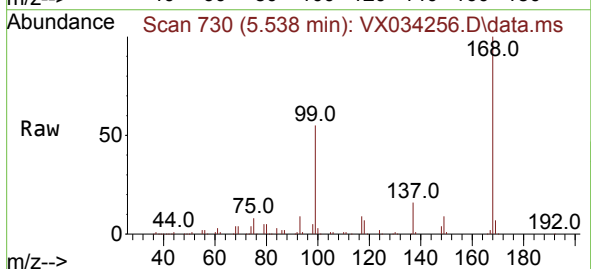
Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01

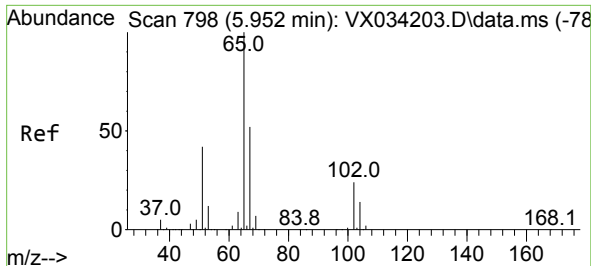
Tgt Ion: 96 Resp: 660
Ion Ratio Lower Upper
96 100
61 105.8 106.7 160.1#
98 63.9 50.0 75.0



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 56 Resp: 5903
Ion Ratio Lower Upper
56 100
69 153.8 24.6 37.0#
84 111.4 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.320 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034256.D

Acq: 24 Feb 2023 11:12

Instrument :

MSVOA_X

ClientSampleId :

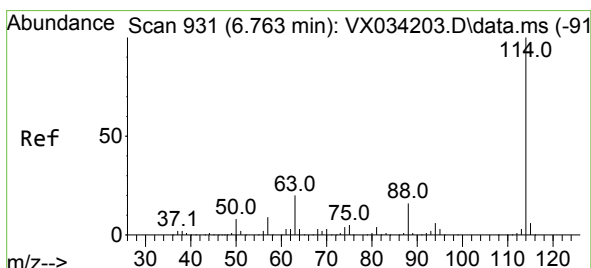
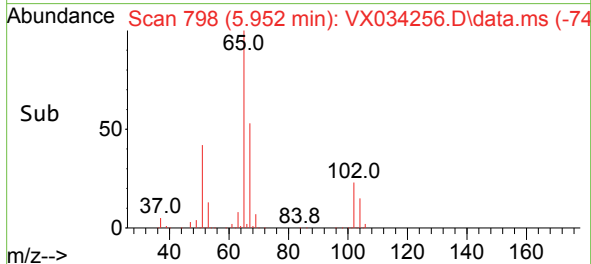
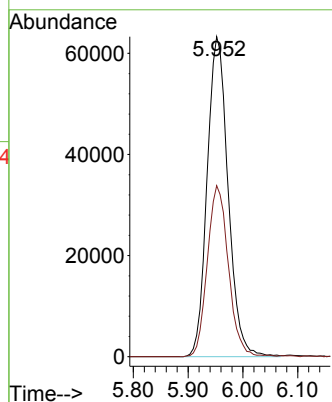
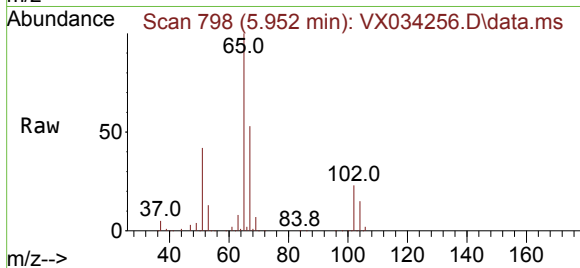
VX0224MBL01

Tgt Ion: 65 Resp: 167784

Ion Ratio Lower Upper

65 100

67 53.7 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: VX034256.D

Acq: 24 Feb 2023 11:12

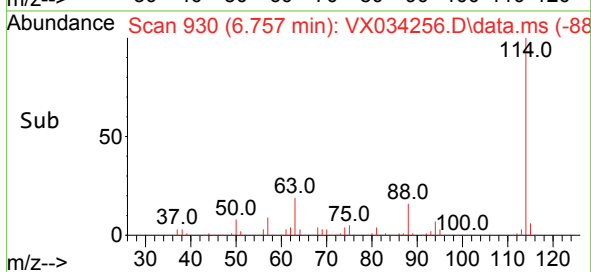
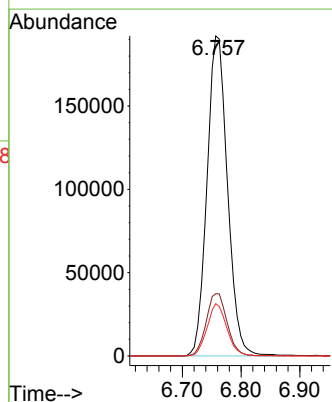
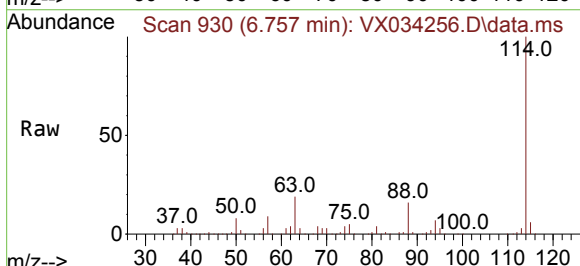
Tgt Ion: 114 Resp: 465230

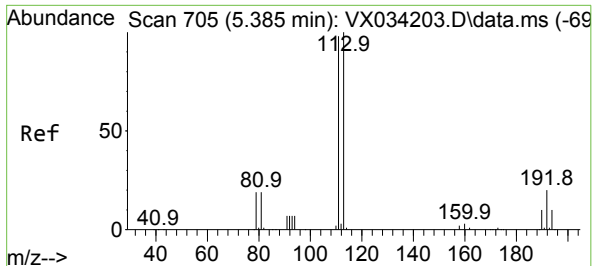
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 16.4 0.0 30.6

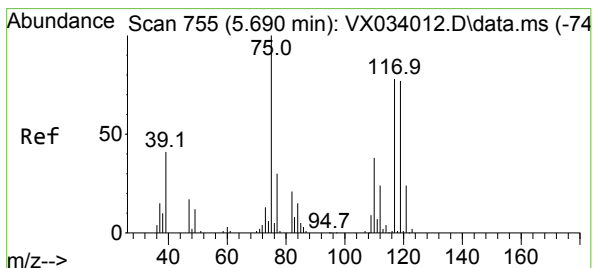
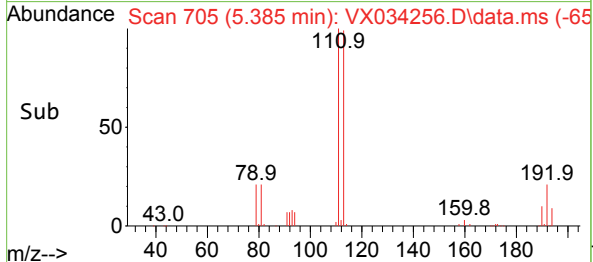
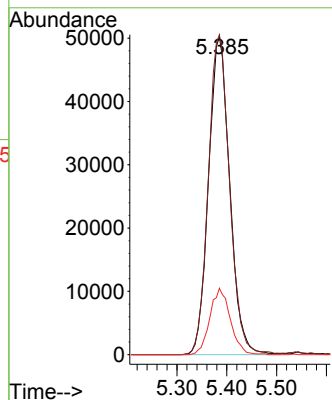
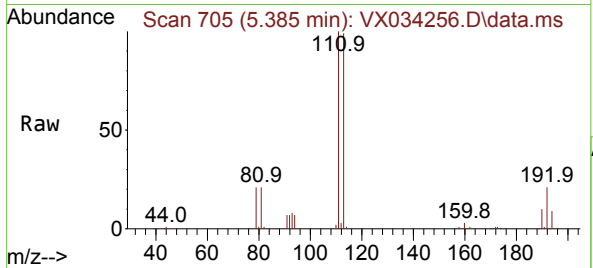




#35
Dibromofluoromethane
Concen: 48.827 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

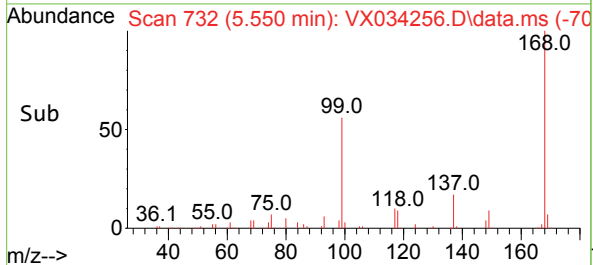
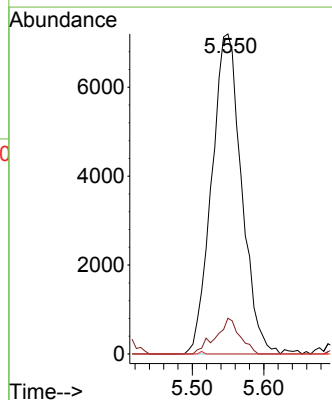
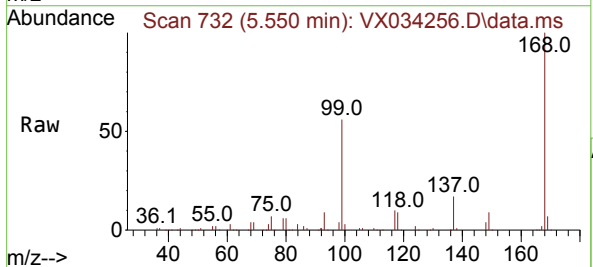
Instrument :
MSVOA_X
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VX0224MBL01

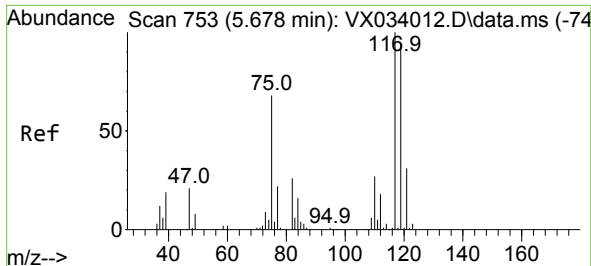
Tgt Ion:113 Resp: 147903
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.6
192 20.2 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.662 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

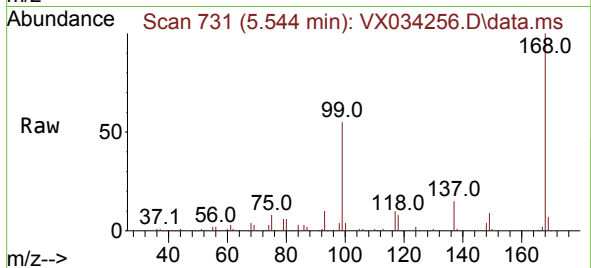
Tgt Ion: 75 Resp: 20886
Ion Ratio Lower Upper
75 100
110 9.0 18.8 56.4#
77 0.0 25.1 37.7#



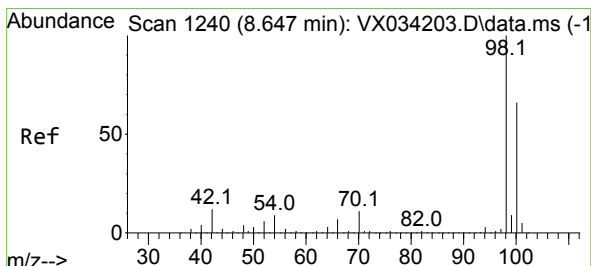
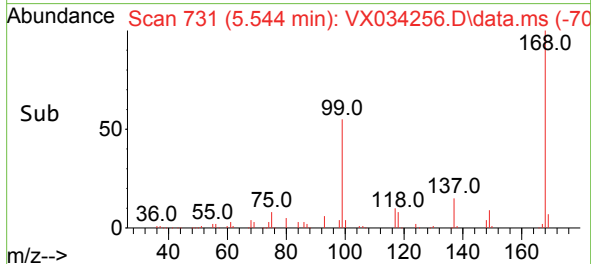
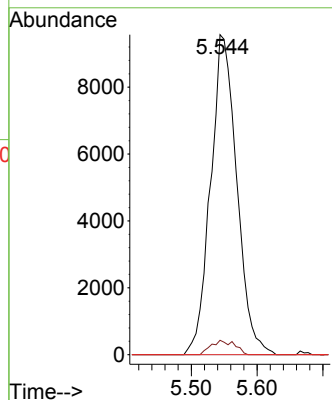


#38
Carbon Tetrachloride
Concen: 5.762 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01

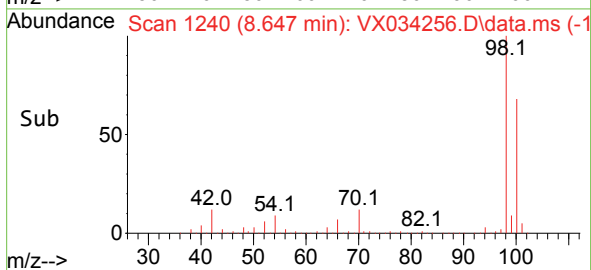
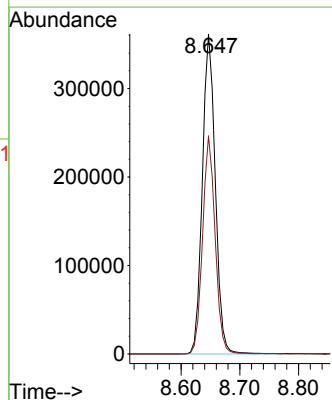
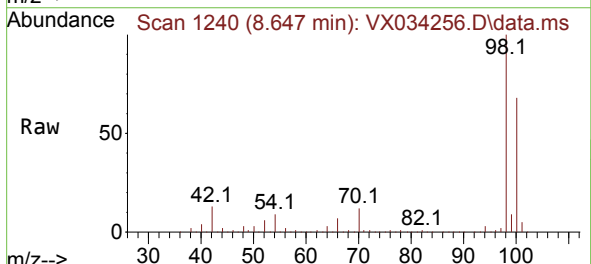


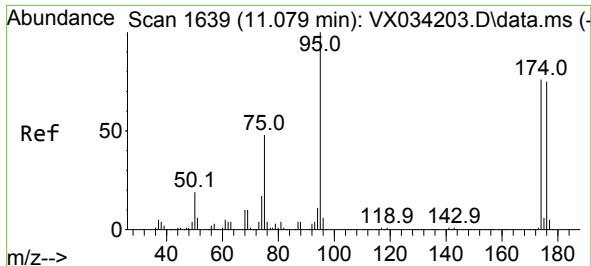
Tgt Ion:117 Resp: 26560
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 98 Resp: 553339
Ion Ratio Lower Upper
98 100
100 66.2 53.6 80.4

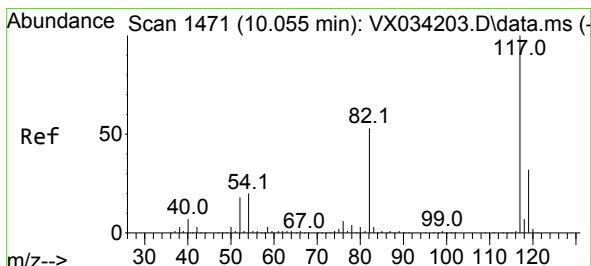
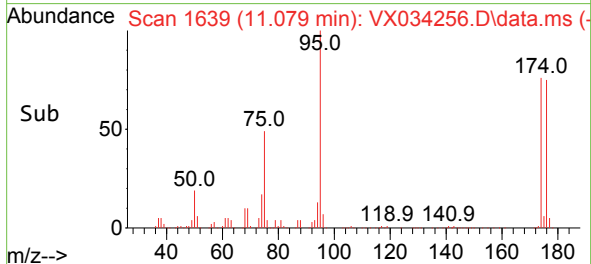
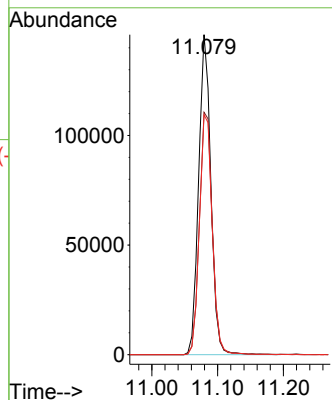
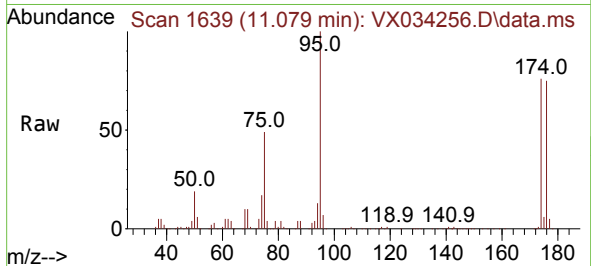




#62
4-Bromofluorobenzene
Concen: 45.182 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

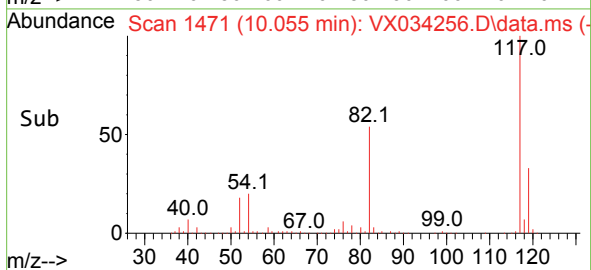
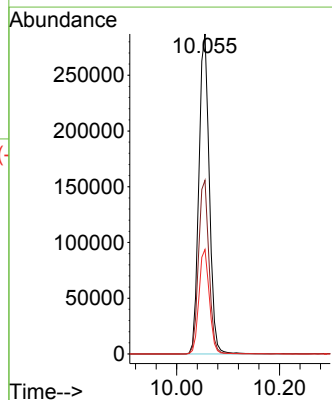
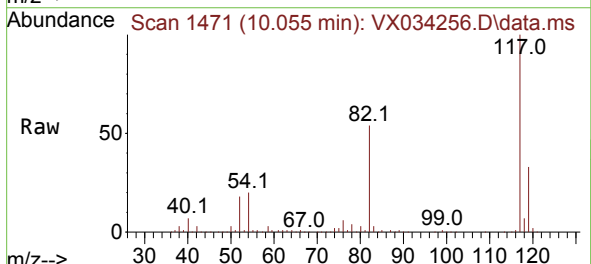
Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01

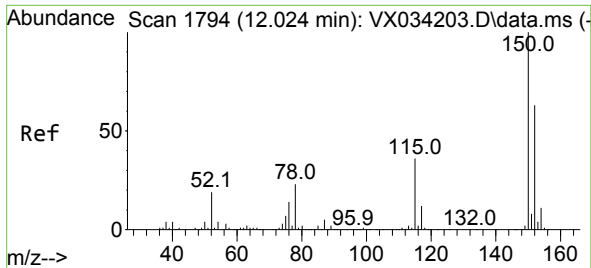
Tgt Ion: 95 Resp: 187955
Ion Ratio Lower Upper
95 100
174 79.8 0.0 184.4
176 79.0 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

Tgt Ion: 117 Resp: 405240
Ion Ratio Lower Upper
117 100
82 54.3 40.6 60.8
119 32.6 25.6 38.4

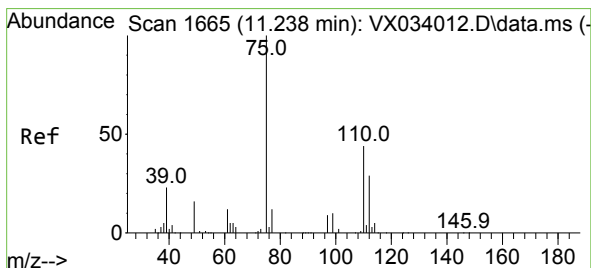
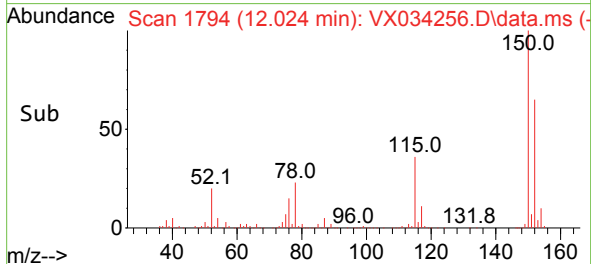
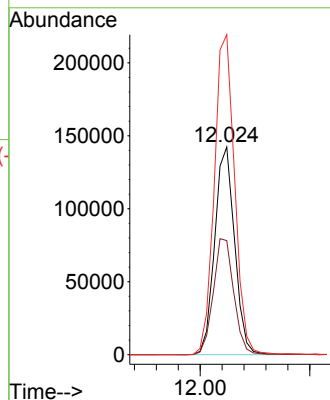
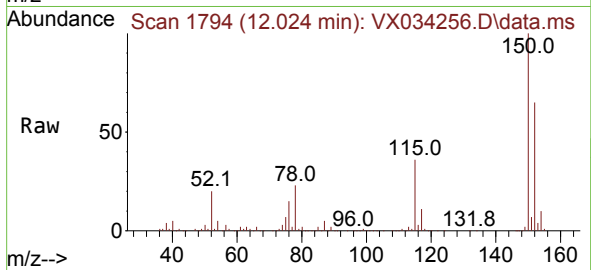




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034256.D
 Acq: 24 Feb 2023 11:12

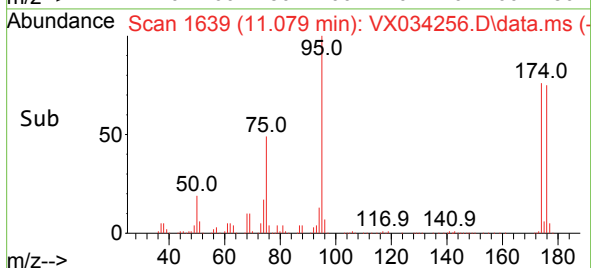
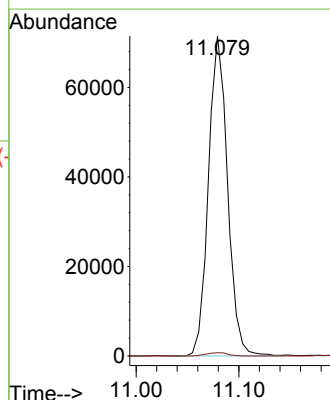
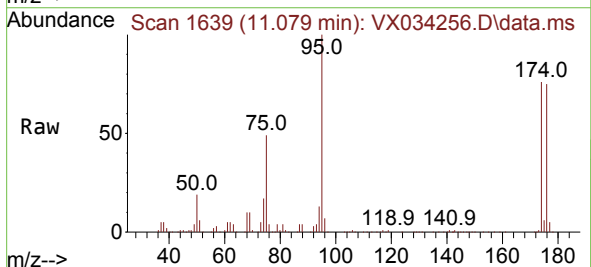
Instrument :
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 ClientSampleId :
 VX0224MBL01

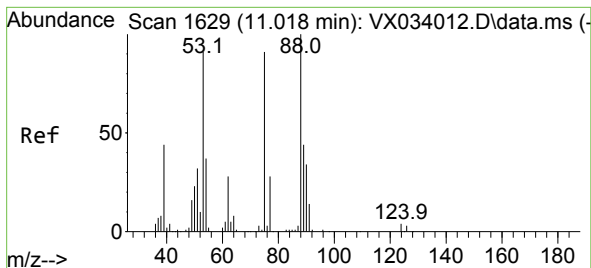
Tgt Ion:152 Resp: 179362
 Ion Ratio Lower Upper
 152 100
 115 57.7 38.7 116.1
 150 157.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.499 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034256.D
 Acq: 24 Feb 2023 11:12

Tgt Ion: 75 Resp: 92516
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#

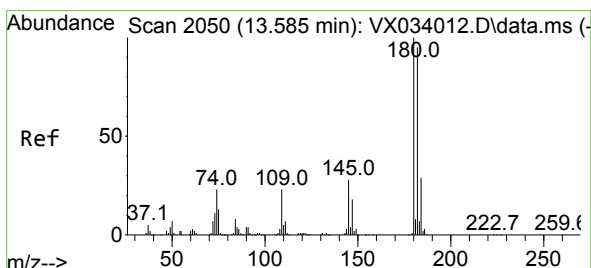
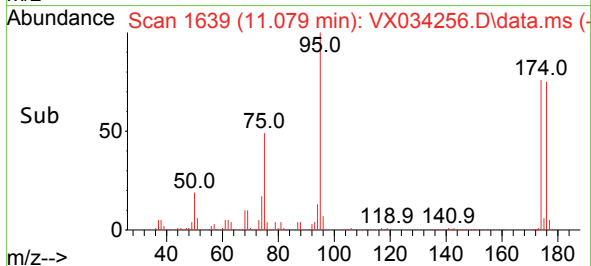
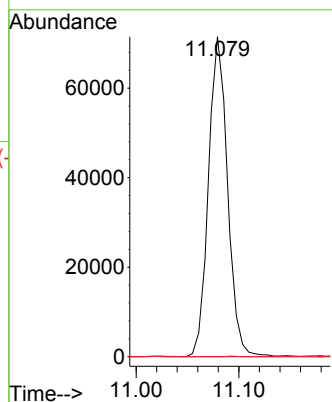
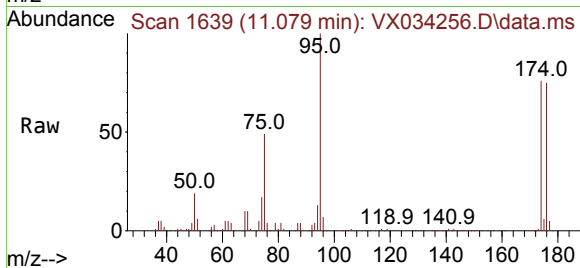




#81
trans-1,4-Dichloro-2-butene
Concen: 52.659 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

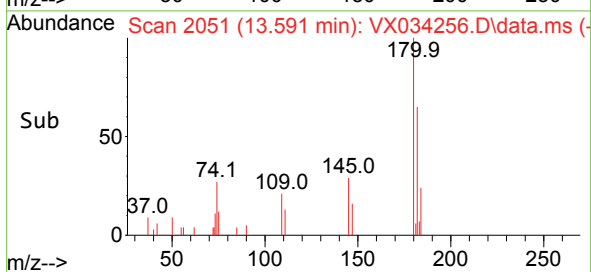
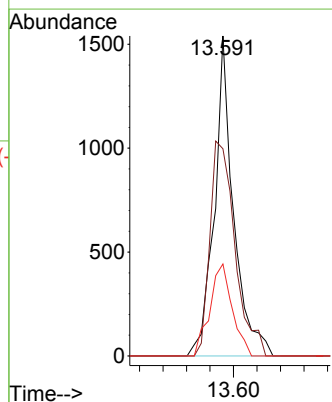
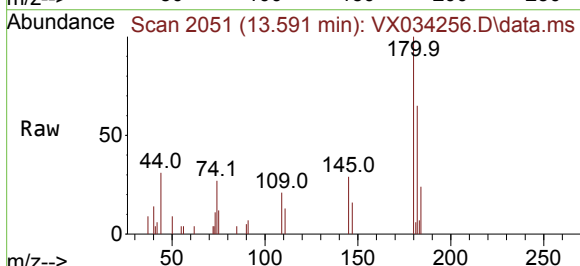
Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01

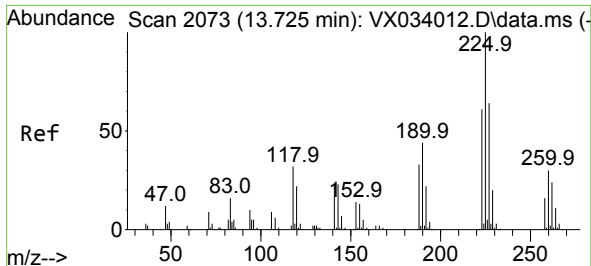
Tgt Ion: 75 Resp: 92516
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.1 37.7 56.5#



#93
1,2,4-Trichlorobenzene
Concen: 0.450 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

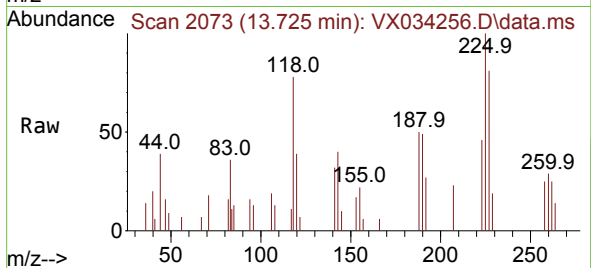
Tgt Ion: 180 Resp: 1742
Ion Ratio Lower Upper
180 100
182 87.9 47.9 143.6
145 33.9 14.1 42.2



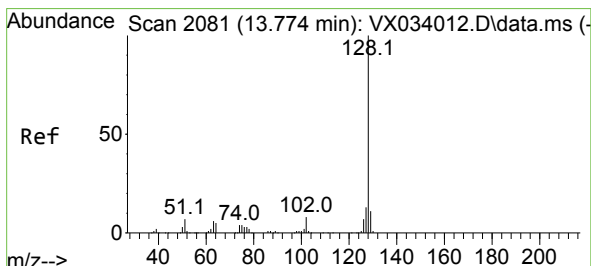
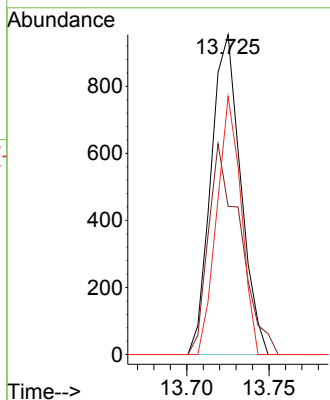
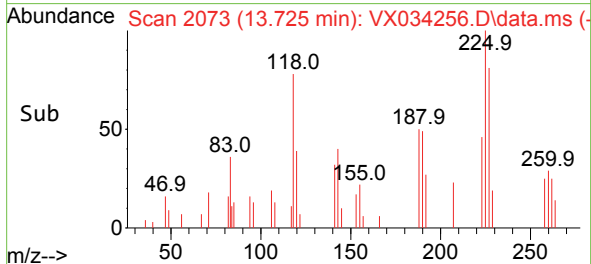


#94
Hexachlorobutadiene
Concen: 0.746 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12

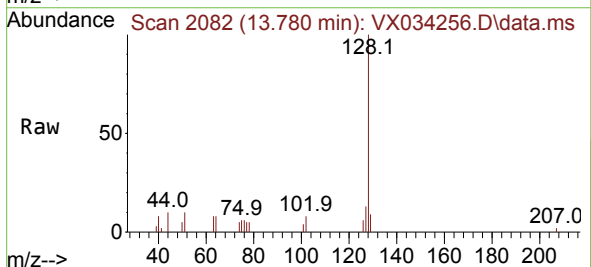
Instrument :
MSVOA_X
ClientSampleId :
VX0224MBL01



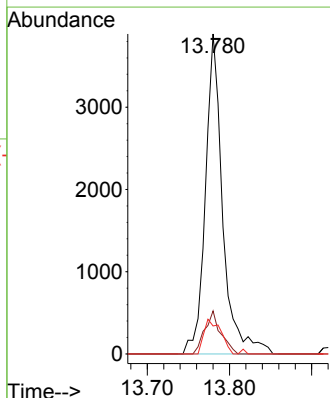
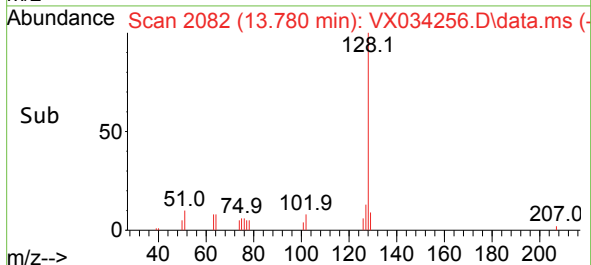
Tgt Ion:225 Resp: 1198
Ion Ratio Lower Upper
225 100
223 69.9 31.3 93.9
227 65.8 32.3 96.9

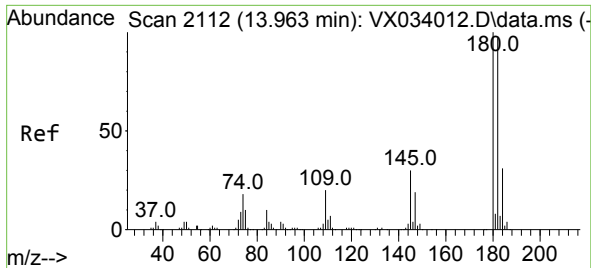


#95
Naphthalene
Concen: 0.435 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034256.D
Acq: 24 Feb 2023 11:12



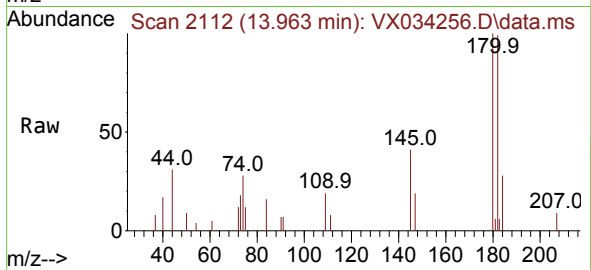
Tgt Ion:128 Resp: 5680
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.6 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.408 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. 0.000 min
 Lab File: VX034256.D
 Acq: 24 Feb 2023 11:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224MBL01



Tgt Ion:	180	Resp:	1569
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.9
145	34.8	15.1	45.3

