

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022423\
 Data File : VX034265.D
 Acq On : 24 Feb 2023 15:50
 Operator : JC/MD
 Sample : 01701-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-24

Quant Time: Feb 24 22:23:18 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

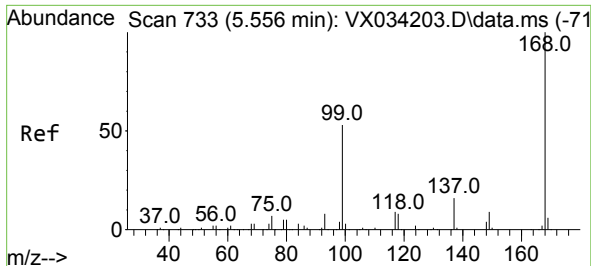
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.544	168	282561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	468326	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	166143	43.659	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.320%
35) Dibromofluoromethane	5.379	113	146622	48.085	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	8.647	98	554515	50.650	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.300%
62) 4-Bromofluorobenzene	11.079	95	186432	44.520	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.040%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	245	Below Cal	#	50
11) Tert butyl alcohol	2.940	59	9133	10.730	ug/l #	93
13) Acrolein	2.215	56	326	0.839	ug/l #	72
16) Acetone	2.373	43	3772	1.922	ug/l	94
20) Methylene Chloride	2.788	84	1529	0.432	ug/l #	96
26) 2,2-Dichloropropane	4.562	77	1497	0.265	ug/l #	52
31) Cyclohexane	5.538	56	5887	1.036	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20614	4.571	ug/l #	48
38) Carbon Tetrachloride	5.544	117	26692	5.752	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	93595	20.713	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93595	53.209	ug/l #	8

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

Quant Time: Feb 24 22:23:18 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

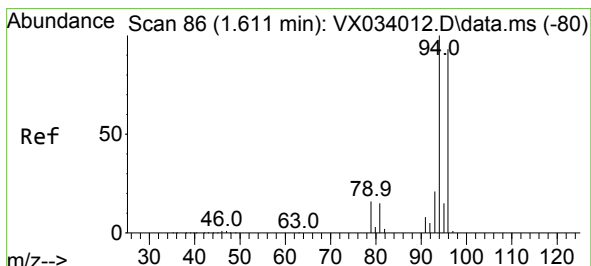
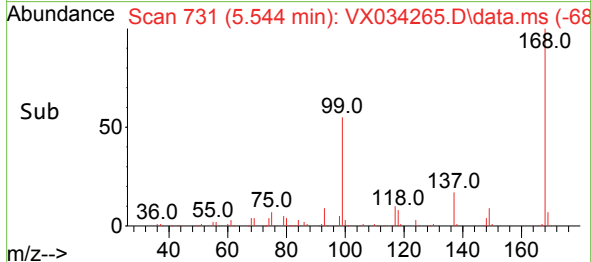
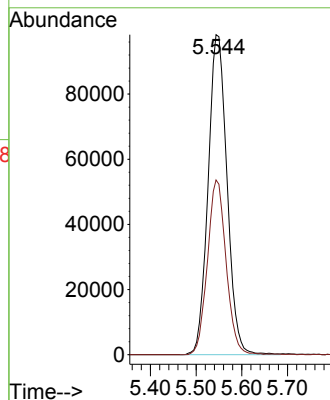
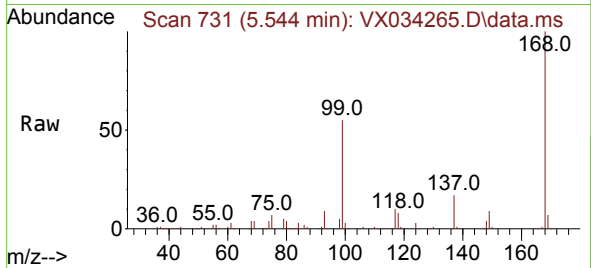




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

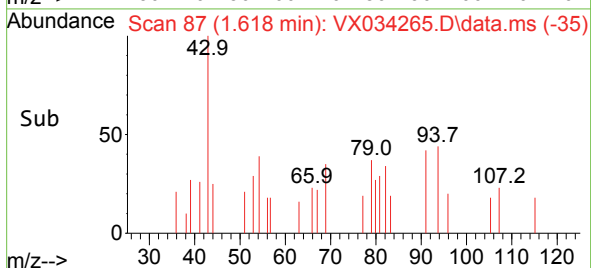
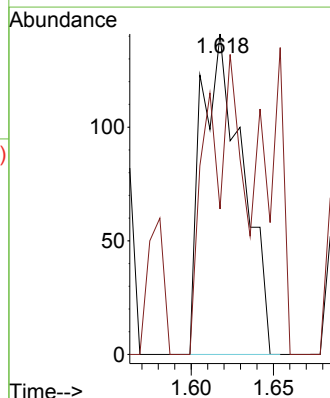
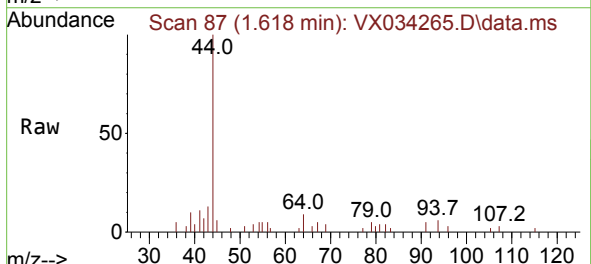
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-24

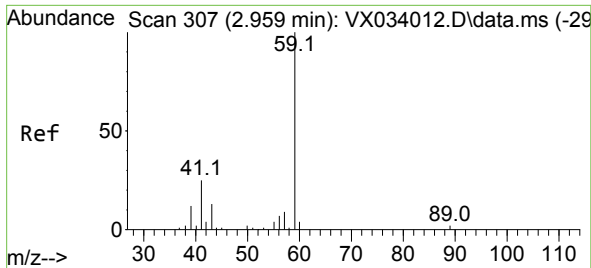
Tgt Ion:168 Resp: 282561
Ion Ratio Lower Upper
168 100
99 54.6 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 45.4 74.3 111.5#





#11

Tert butyl alcohol

Concen: 10.730 ug/l

RT: 2.940 min Scan# 307

Delta R.T. -0.012 min

Lab File: VX034265.D

Acq: 24 Feb 2023 15:50

Instrument :

MSVOA_X

ClientSampleId :

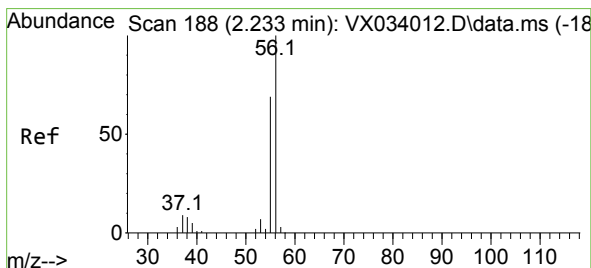
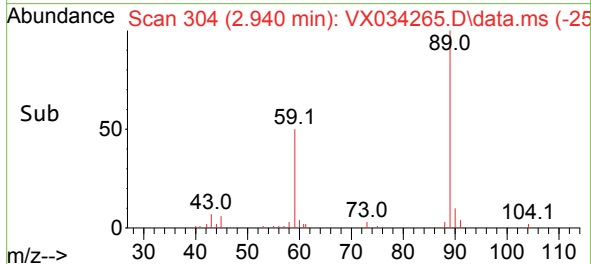
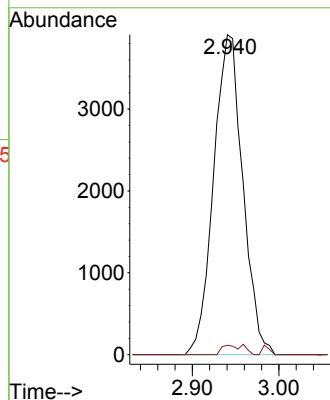
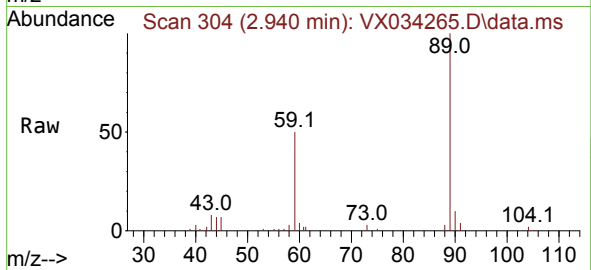
EB-2023-2-24

Tgt Ion: 59 Resp: 9133

Ion Ratio Lower Upper

59 100

57 2.3 3.7 5.5#



#13

Acrolein

Concen: 0.839 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.018 min

Lab File: VX034265.D

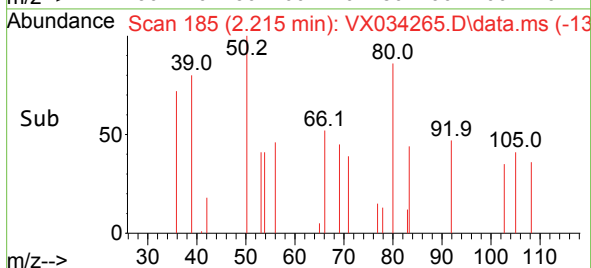
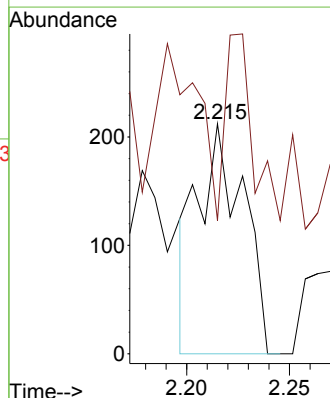
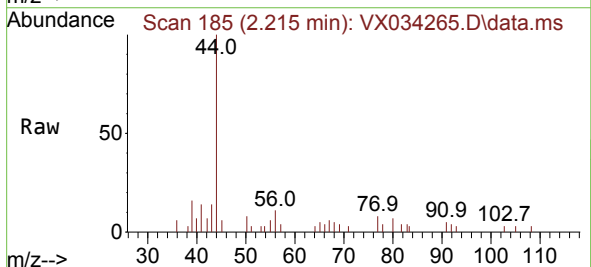
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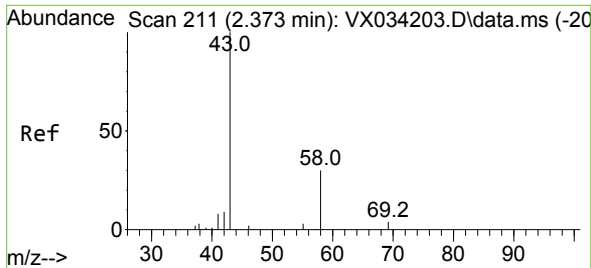
Tgt Ion: 56 Resp: 326

Ion Ratio Lower Upper

56 100

55 47.5 56.3 84.5#

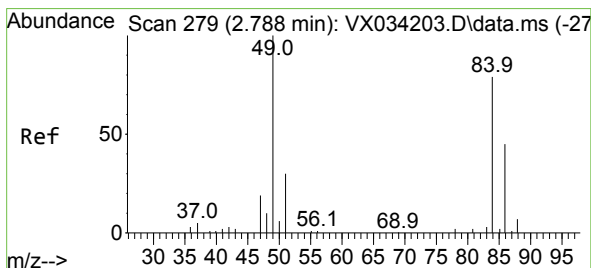
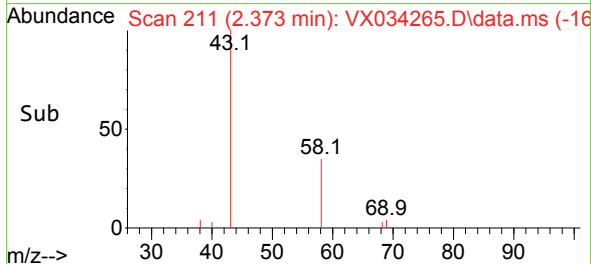
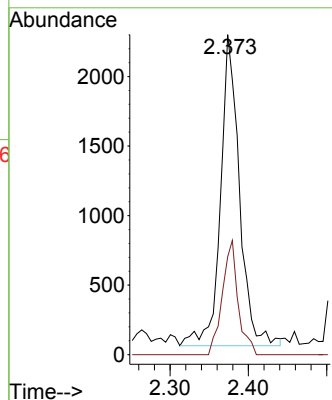
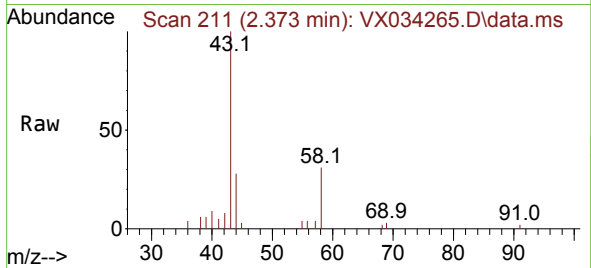




#16
Acetone
Concen: 1.922 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

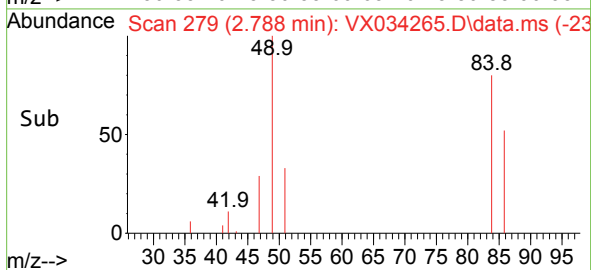
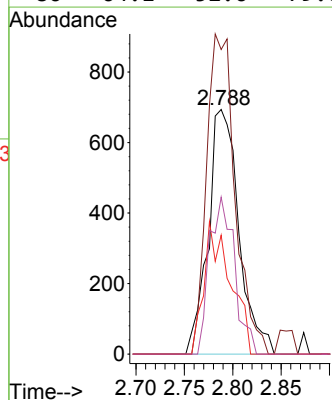
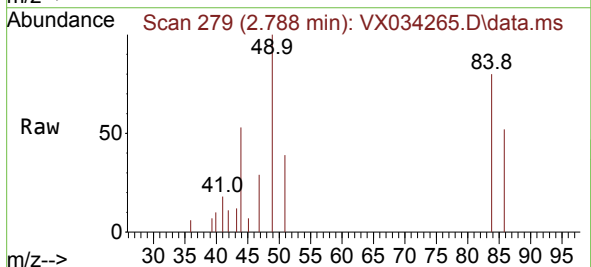
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-24

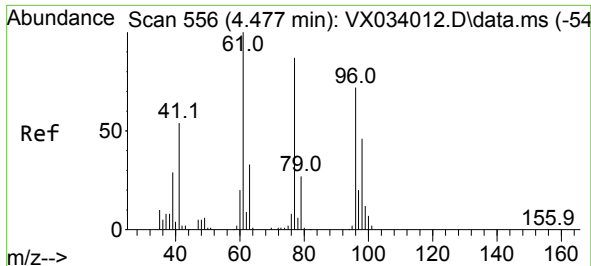
Tgt Ion: 43 Resp: 3772
Ion Ratio Lower Upper
43 100
58 31.5 22.6 33.8



#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

Tgt Ion: 84 Resp: 1529
Ion Ratio Lower Upper
84 100
49 124.5 101.1 151.7
51 48.6 31.0 46.6#
86 64.1 52.6 79.0

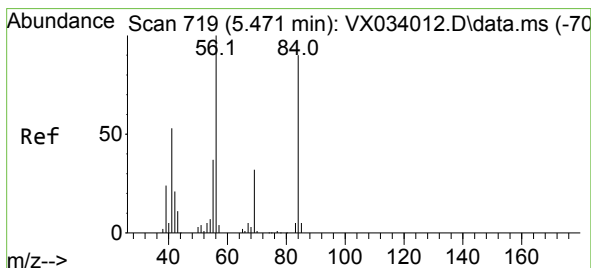
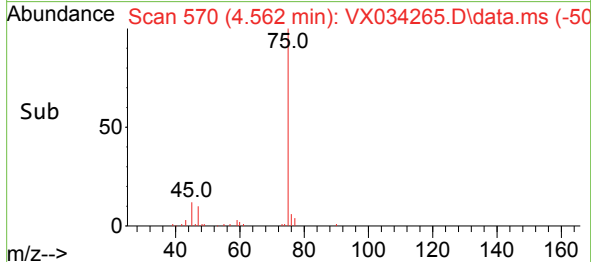
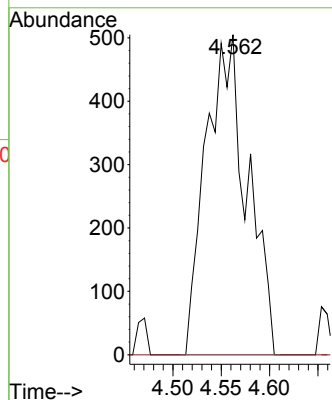
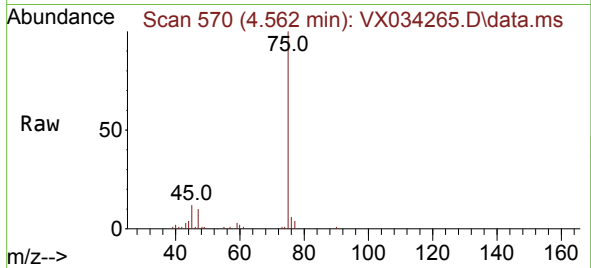




#26
2,2-Dichloropropane
Concen: 0.265 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.092 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

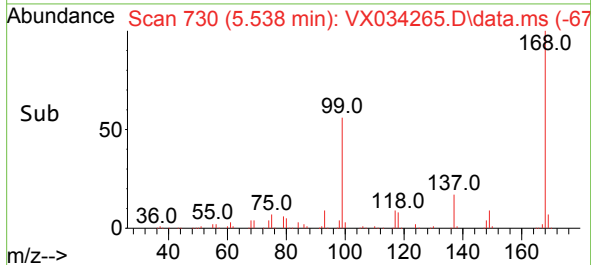
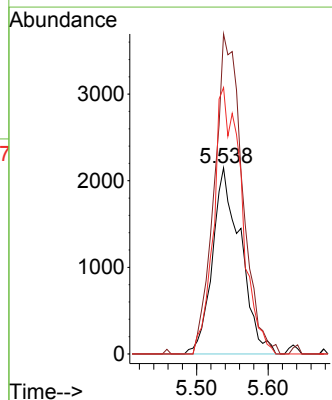
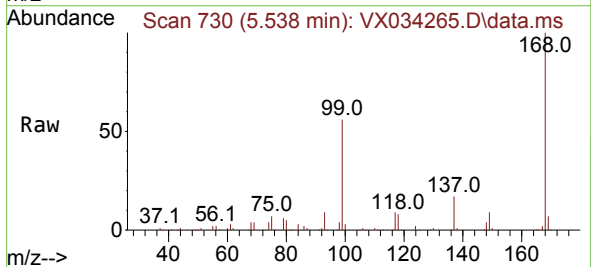
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-24

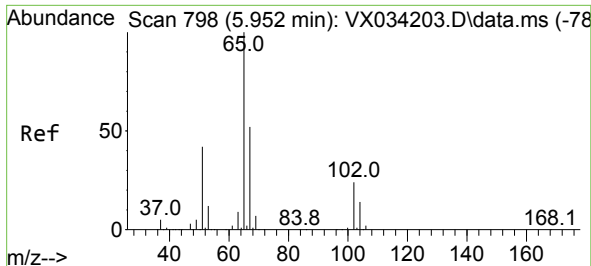
Tgt Ion: 77 Resp: 1497
Ion Ratio Lower Upper
77 100
97 0.0 11.9 35.5#



#31
Cyclohexane
Concen: 1.036 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

Tgt Ion: 56 Resp: 5887
Ion Ratio Lower Upper
56 100
69 171.9 24.6 37.0#
84 143.2 71.0 106.6#

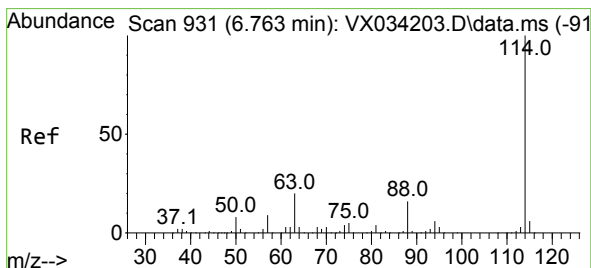
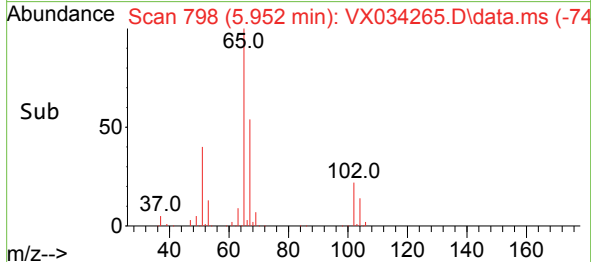
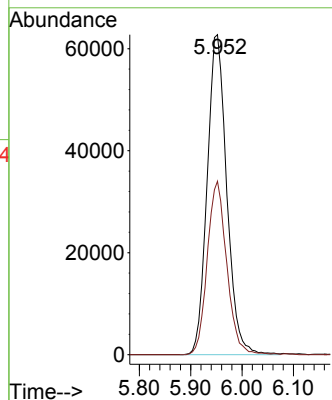
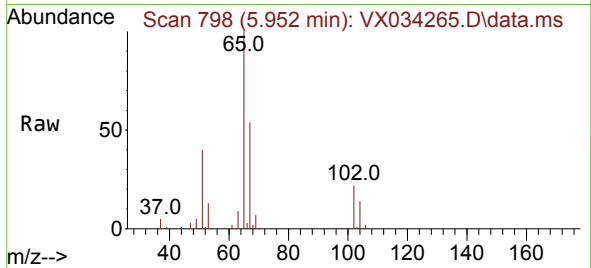




#33
 1,2-Dichloroethane-d4
 Concen: 43.659 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX034265.D
 Acq: 24 Feb 2023 15:50

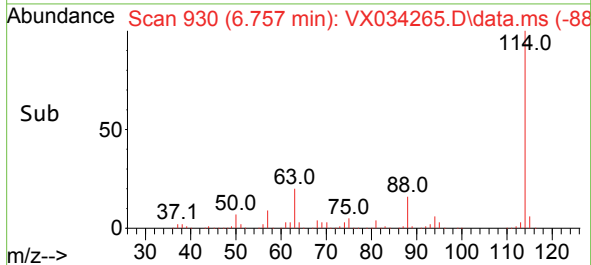
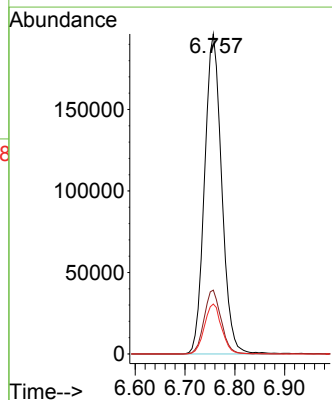
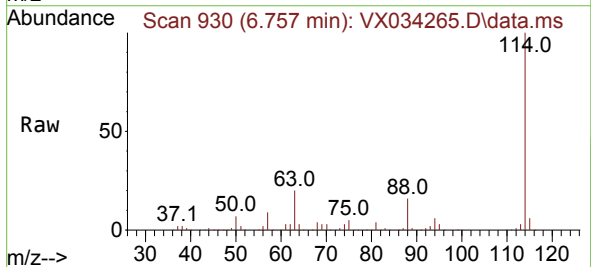
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-24

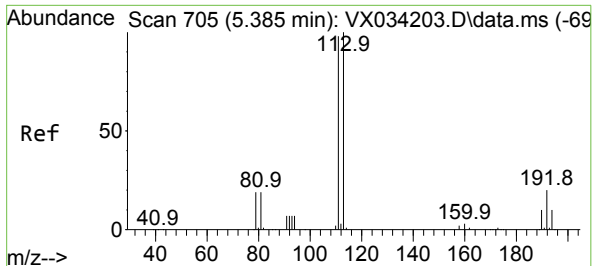
Tgt Ion: 65 Resp: 166143
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034265.D
 Acq: 24 Feb 2023 15:50

Tgt Ion: 114 Resp: 468326
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 37.4
 88 15.6 0.0 30.6

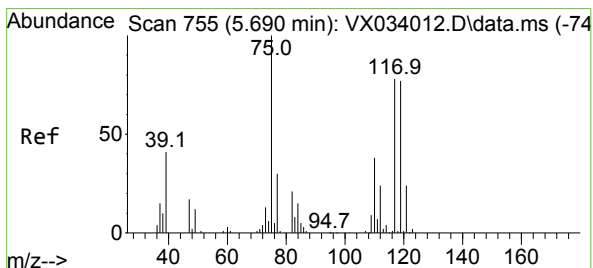
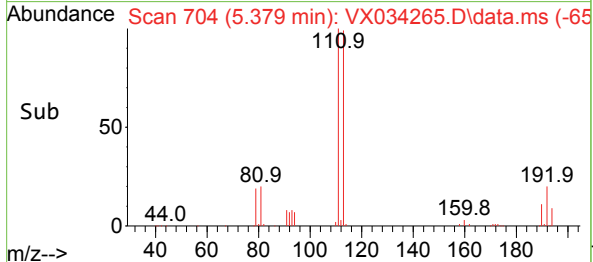
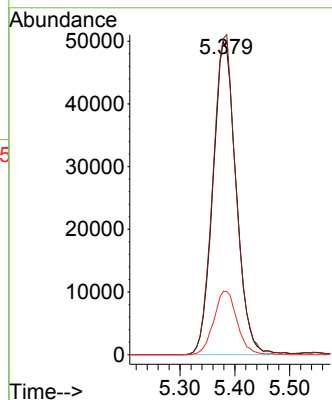
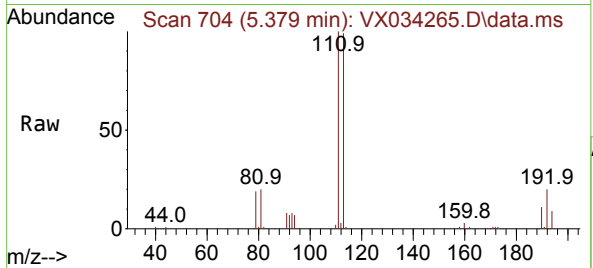




#35
Dibromofluoromethane
Concen: 48.085 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

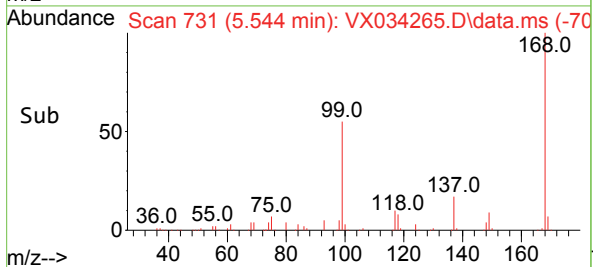
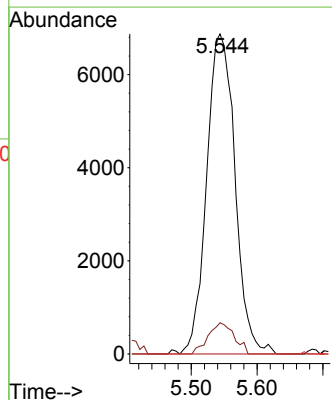
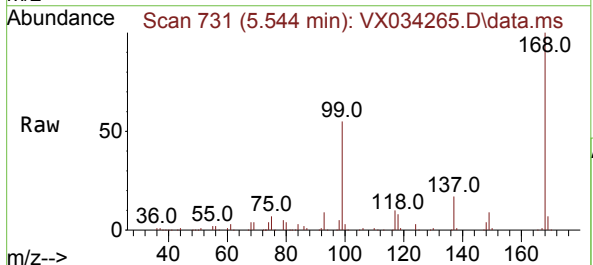
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-24

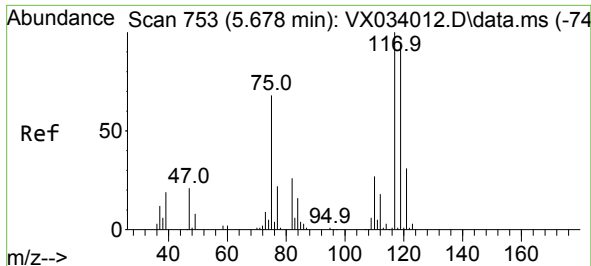
Tgt Ion:113 Resp: 146622
Ion Ratio Lower Upper
113 100
111 102.1 83.0 124.6
192 20.4 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

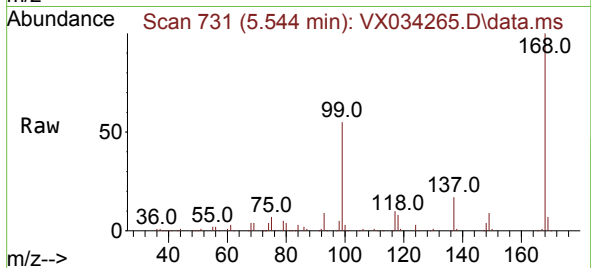
Tgt Ion: 75 Resp: 20614
Ion Ratio Lower Upper
75 100
110 8.9 18.8 56.4#
77 0.0 25.1 37.7#



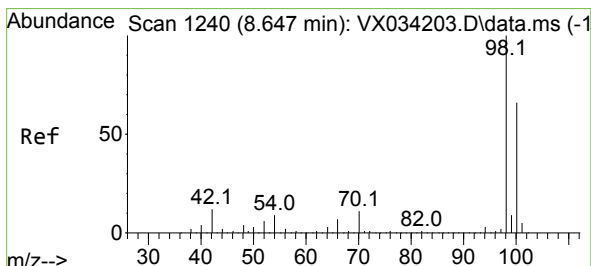
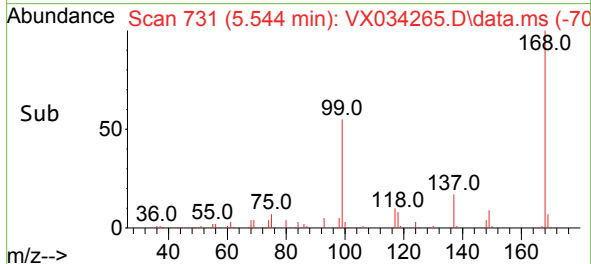
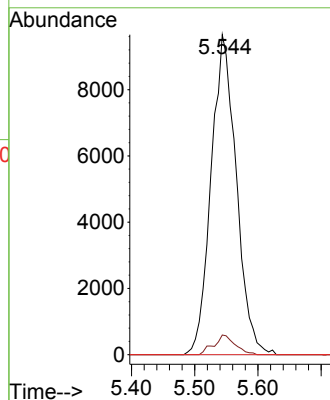


#38
Carbon Tetrachloride
Concen: 5.752 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-24

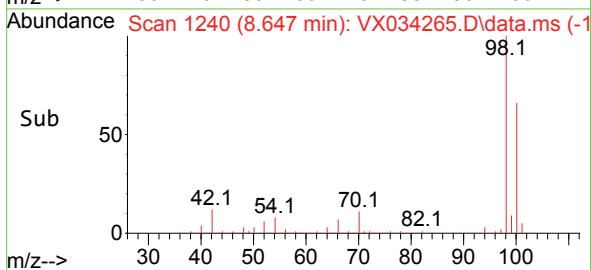
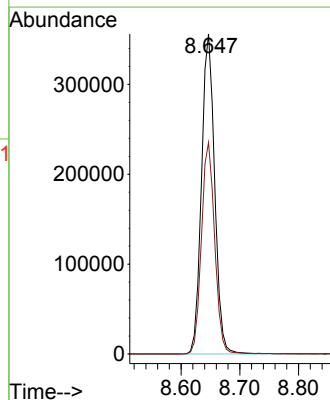
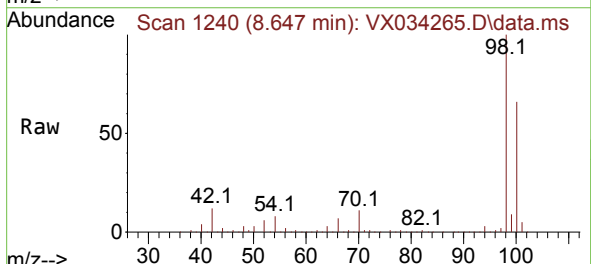


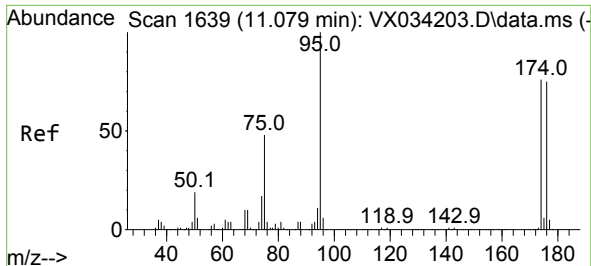
Tgt Ion:117 Resp: 26692
Ion Ratio Lower Upper
117 100
119 6.2 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.650 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

Tgt Ion: 98 Resp: 554515
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4

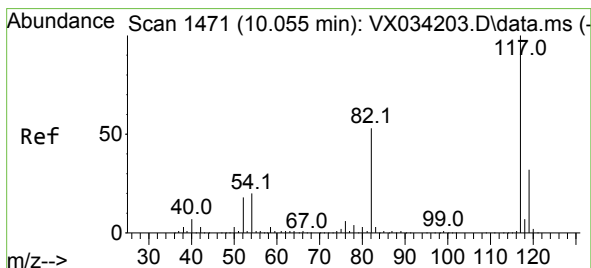
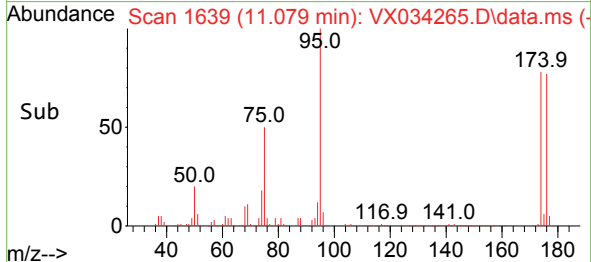
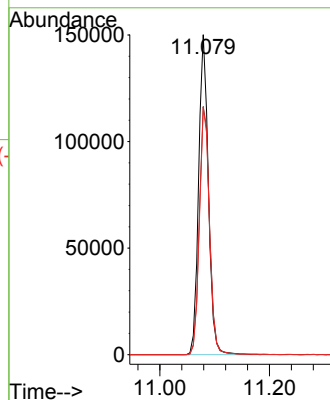
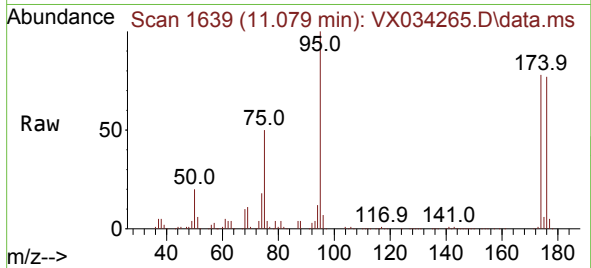




#62
4-Bromofluorobenzene
Concen: 44.520 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

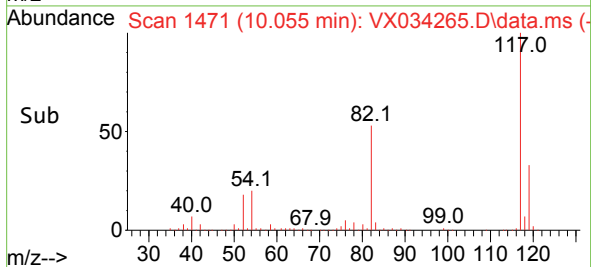
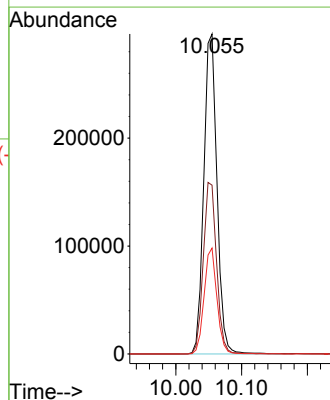
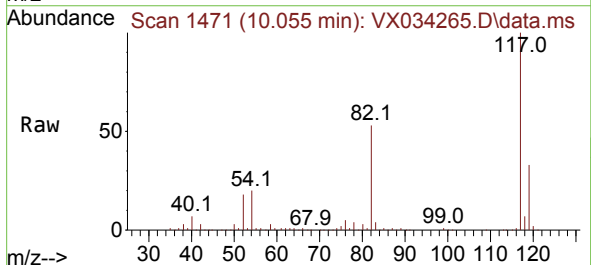
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-24

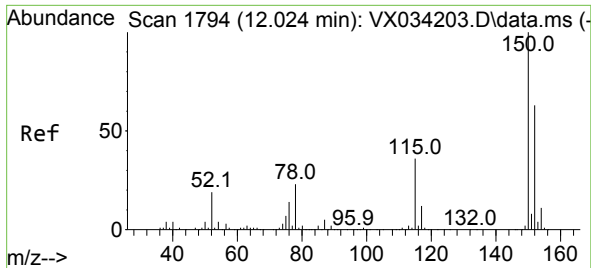
Tgt Ion: 95 Resp: 186432
Ion Ratio Lower Upper
95 100
174 81.6 0.0 184.4
176 79.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034265.D
Acq: 24 Feb 2023 15:50

Tgt Ion: 117 Resp: 413894
Ion Ratio Lower Upper
117 100
82 52.8 40.6 60.8
119 33.1 25.6 38.4

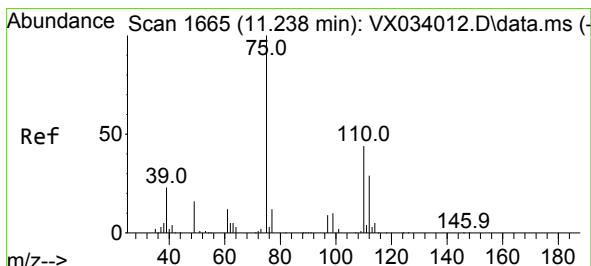
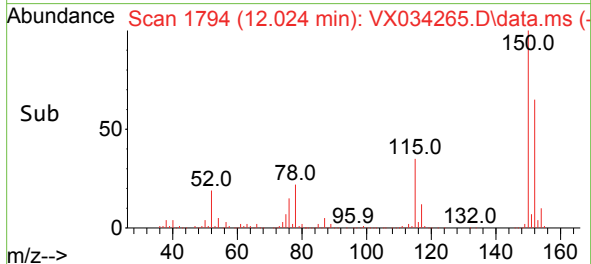
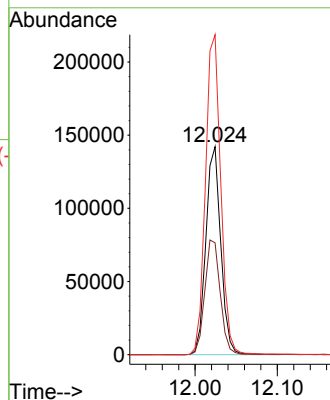
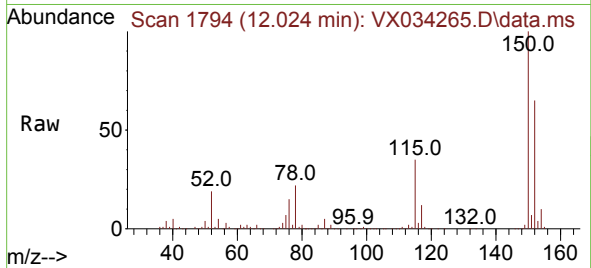




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034265.D
 Acq: 24 Feb 2023 15:50

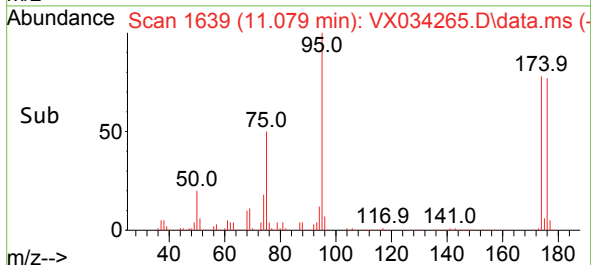
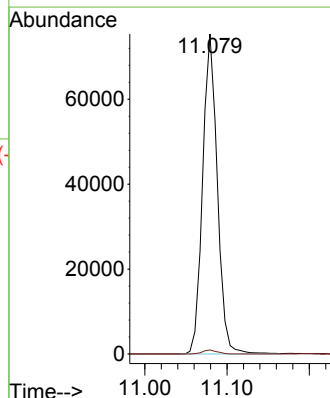
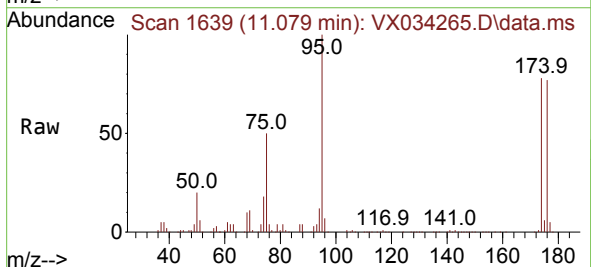
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-24

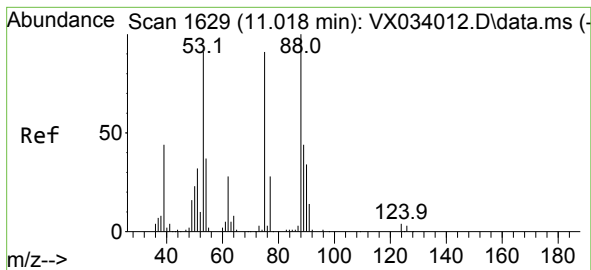
Tgt Ion:152 Resp: 179580
 Ion Ratio Lower Upper
 152 100
 115 57.2 38.7 116.1
 150 157.4 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 20.713 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034265.D
 Acq: 24 Feb 2023 15:50

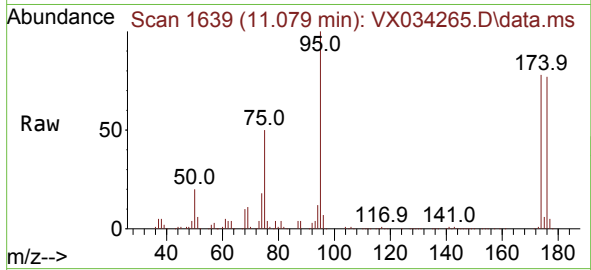
Tgt Ion: 75 Resp: 93595
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.209 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034265.D
 Acq: 24 Feb 2023 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-24



Tgt Ion: 75 Resp: 93595
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

