

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034204.D
 Acq On : 21 Feb 2023 12:22
 Operator : JC/MD
 Sample : 01593-11RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-16

Quant Time: Feb 22 05:48:43 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)

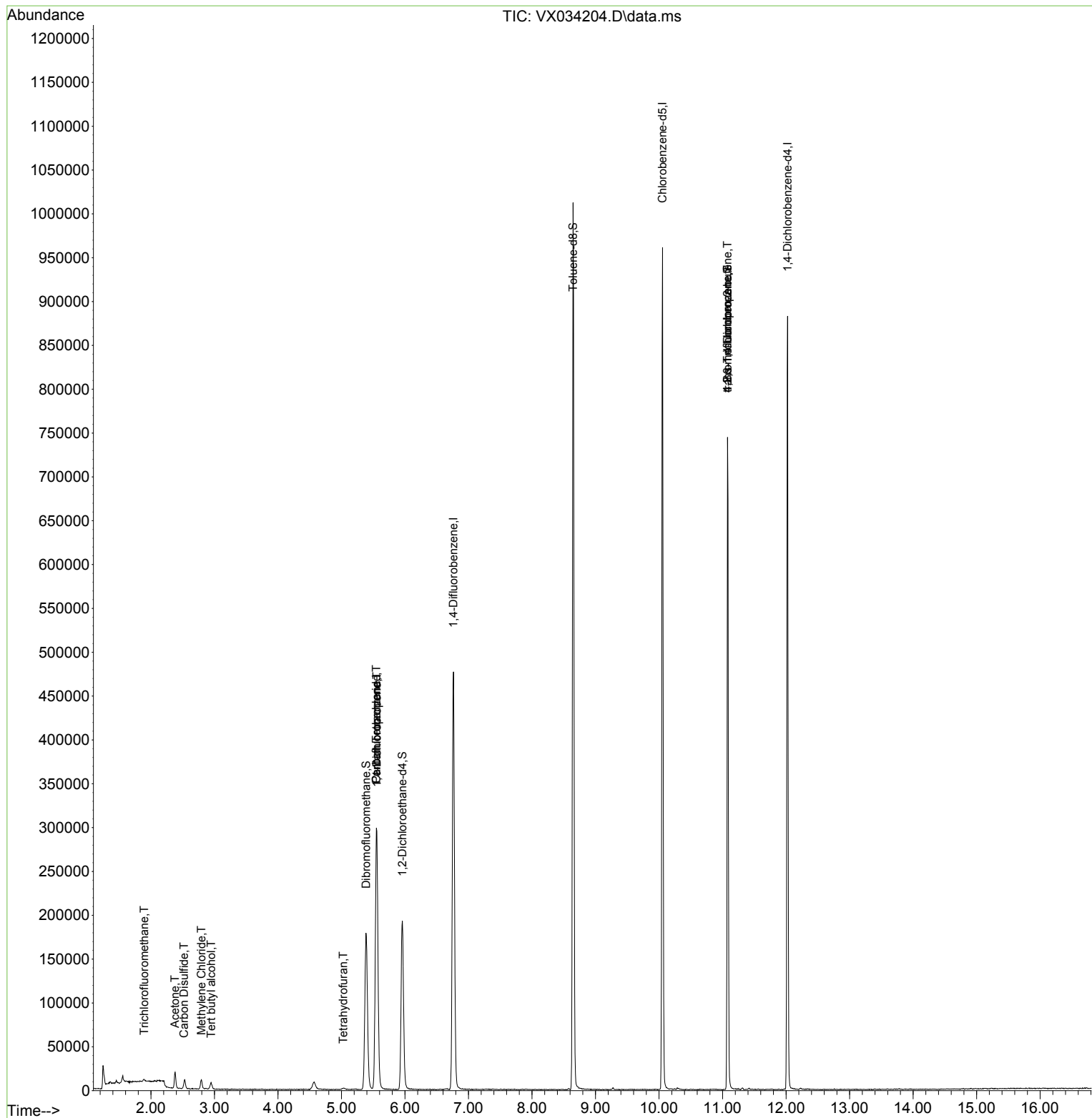
Internal Standards						
1) Pentafluorobenzene	5.550	168	306241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	503187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	436131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186355	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177145	42.951	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.900%
35) Dibromofluoromethane	5.385	113	156662	47.818	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	598557	50.886	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.780%
62) 4-Bromofluorobenzene	11.079	95	199754	44.396	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.800%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	244	Below Cal	#	5
7) Trichlorofluoromethane	1.892	101	1322	0.282	ug/l #	67
11) Tert butyl alcohol	2.947	59	4465	4.840	ug/l #	97
16) Acetone	2.380	43	19600	9.213	ug/l	92
17) Carbon Disulfide	2.520	76	2117	0.222	ug/l	97
20) Methylene Chloride	2.794	84	5286	1.379	ug/l	88
29) Tetrahydrofuran	5.025	42	1206	0.642	ug/l #	80
36) 1,1-Dichloropropene	5.556	75	22166	4.575	ug/l #	49
38) Carbon Tetrachloride	5.550	117	28600	5.736	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	98398	20.984	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	98398	53.906	ug/l #	8

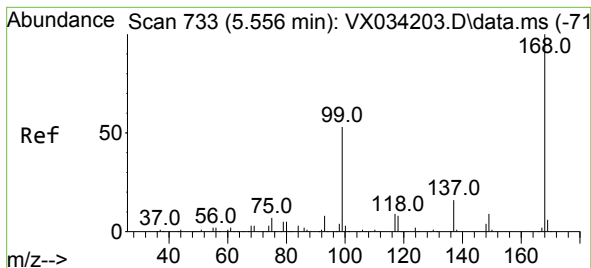
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX034204.D

Acq: 21 Feb 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

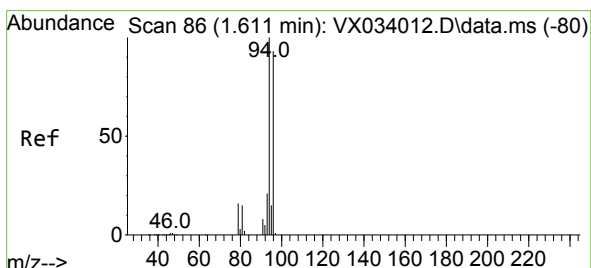
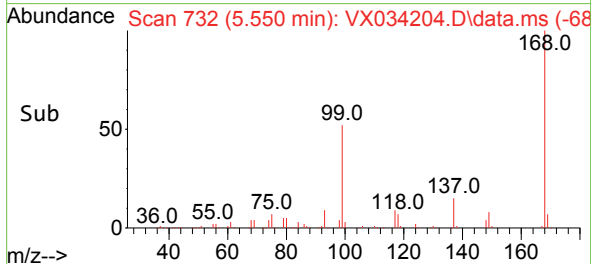
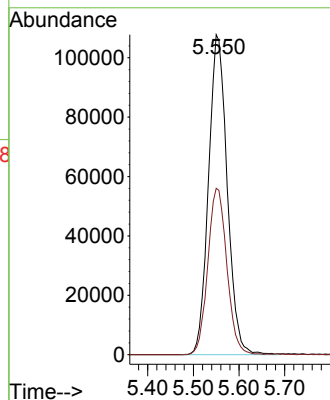
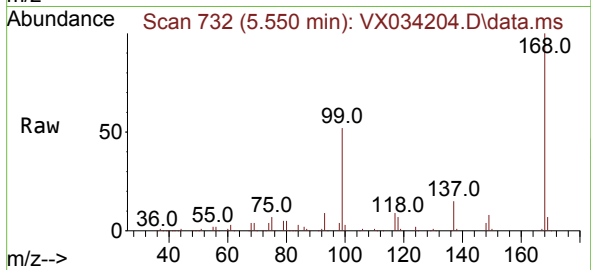
EB-2023-2-16

Tgt Ion:168 Resp: 306241

Ion Ratio Lower Upper

168 100

99 52.0 39.6 59.4



#5

Bromomethane

Concen: Below Cal

RT: 1.599 min Scan# 84

Delta R.T. 0.000 min

Lab File: VX034204.D

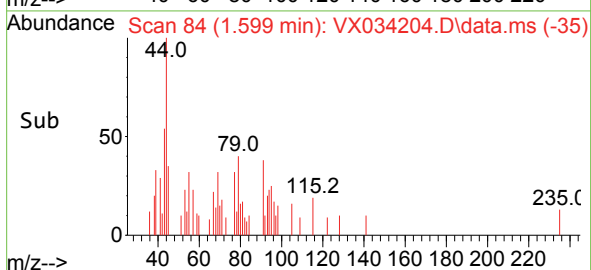
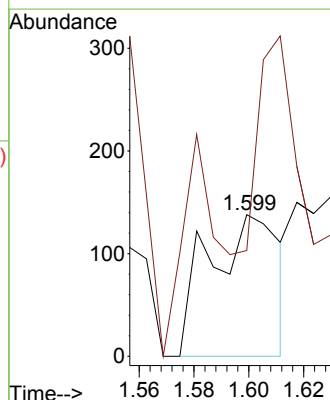
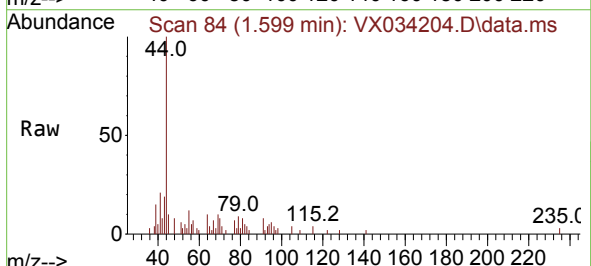
Acq: 21 Feb 2023 12:22

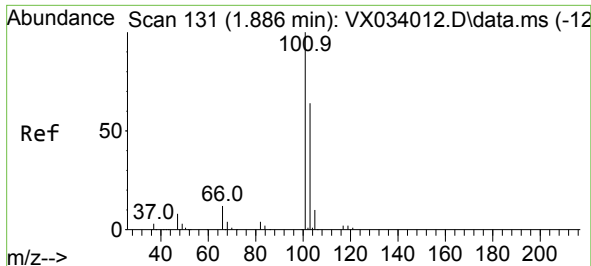
Tgt Ion: 94 Resp: 244

Ion Ratio Lower Upper

94 100

96 1.4 74.3 111.5#

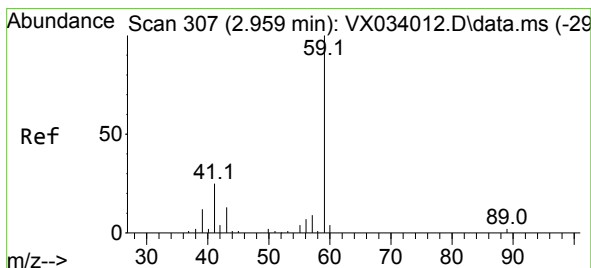
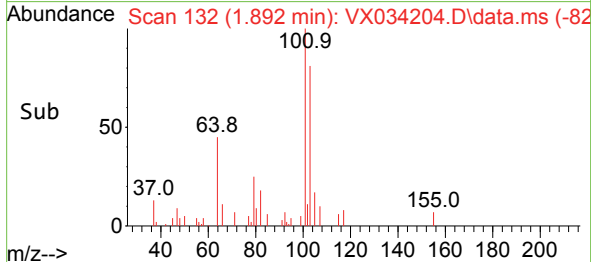
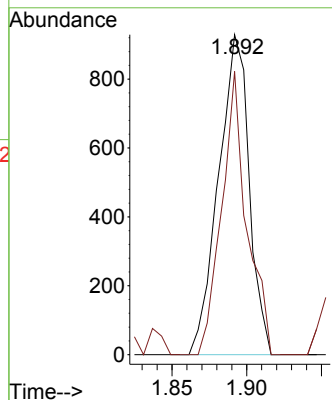
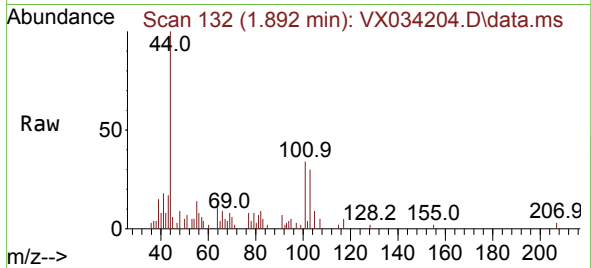




#7
 Trichlorofluoromethane
 Concen: 0.282 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX034204.D
 Acq: 21 Feb 2023 12:22

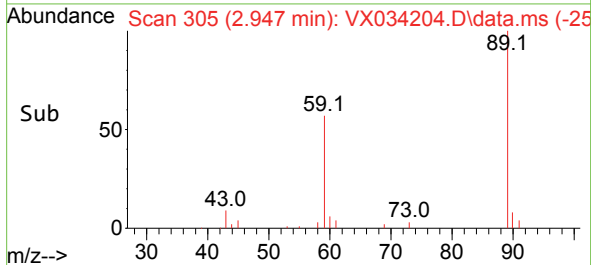
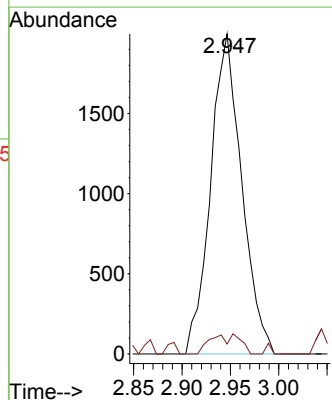
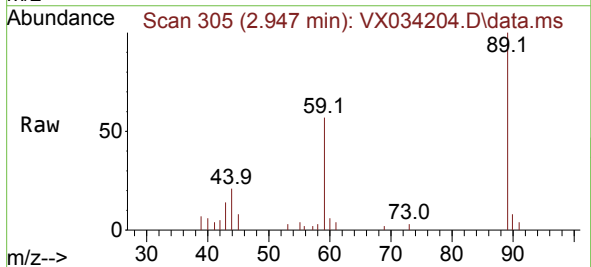
Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-16

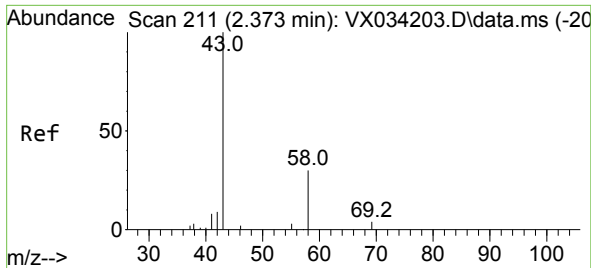
Tgt Ion:101 Resp: 1322
 Ion Ratio Lower Upper
 101 100
 103 88.5 50.6 75.8#



#11
 Tert butyl alcohol
 Concen: 4.840 ug/l
 RT: 2.947 min Scan# 305
 Delta R.T. -0.006 min
 Lab File: VX034204.D
 Acq: 21 Feb 2023 12:22

Tgt Ion: 59 Resp: 4465
 Ion Ratio Lower Upper
 59 100
 57 3.5 3.7 5.5#

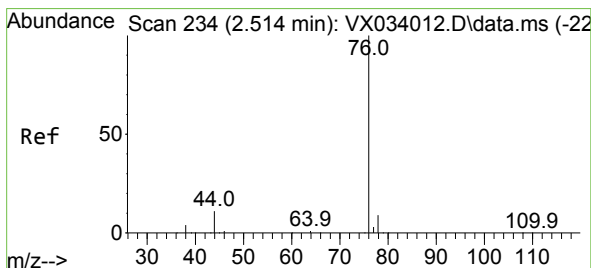
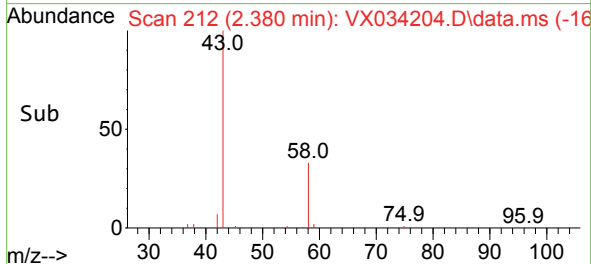
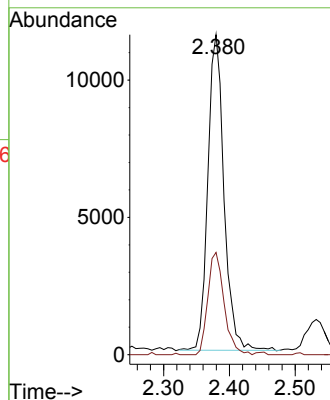
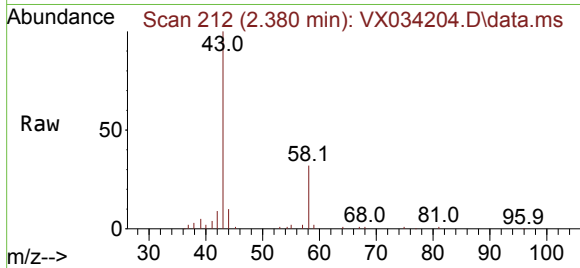




#16
Acetone
Concen: 9.213 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034204.D
Acq: 21 Feb 2023 12:22

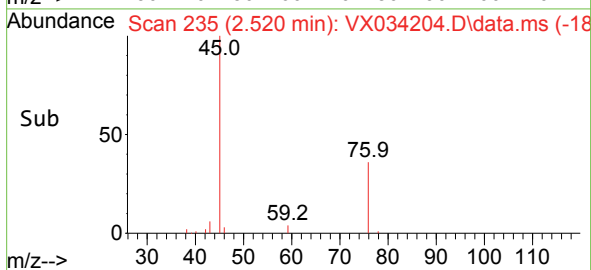
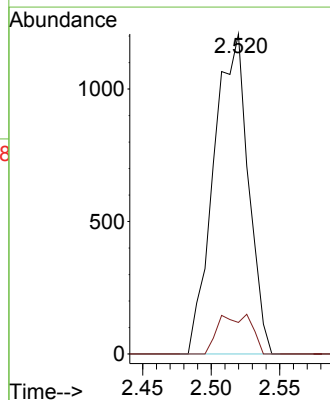
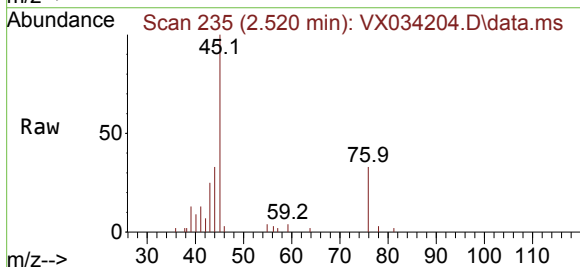
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-16

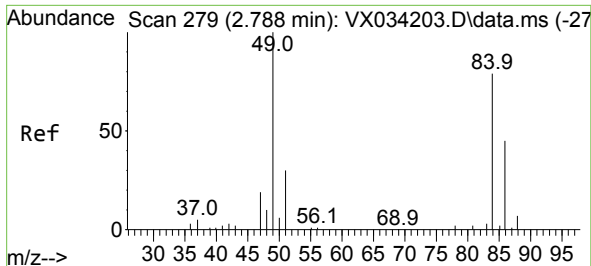
Tgt Ion: 43 Resp: 19600
Ion Ratio Lower Upper
43 100
58 32.4 22.6 33.8



#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX034204.D
Acq: 21 Feb 2023 12:22

Tgt Ion: 76 Resp: 2117
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6





#20

Methylene Chloride

Concen: 1.379 ug/l

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX034204.D

Acq: 21 Feb 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-2-16

Tgt Ion: 84 Resp: 5286

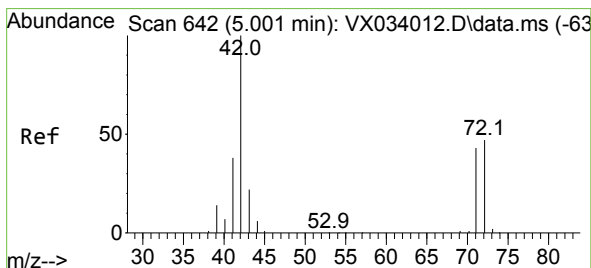
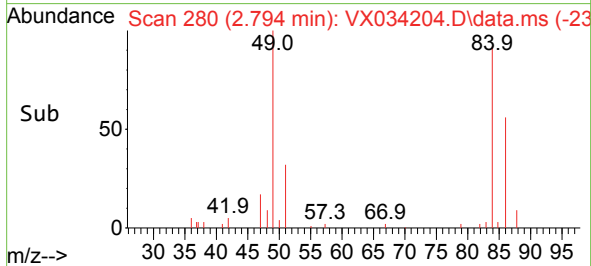
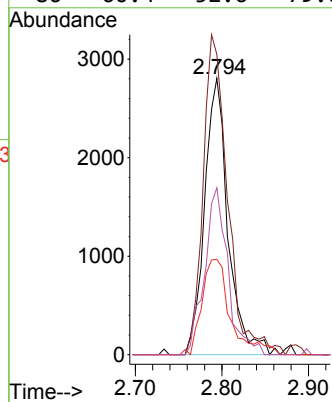
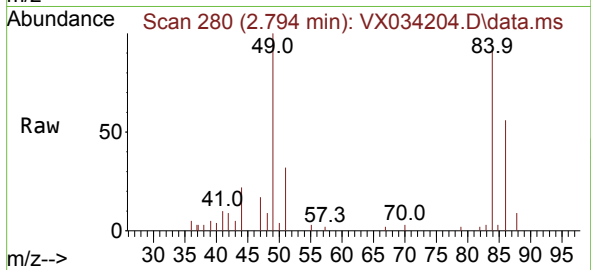
Ion Ratio Lower Upper

84 100

49 108.7 101.1 151.7

51 34.5 31.0 46.6

86 60.4 52.6 79.0



#29

Tetrahydrofuran

Concen: 0.642 ug/l

RT: 5.025 min Scan# 646

Delta R.T. 0.031 min

Lab File: VX034204.D

Acq: 21 Feb 2023 12:22

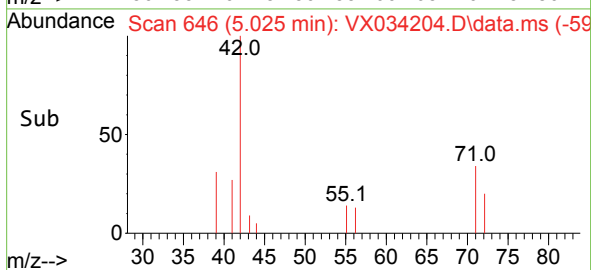
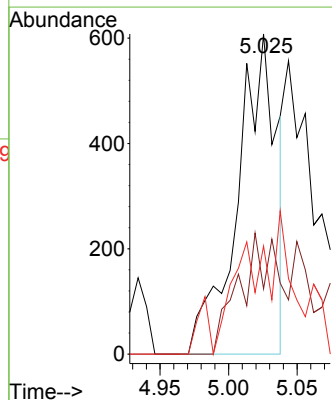
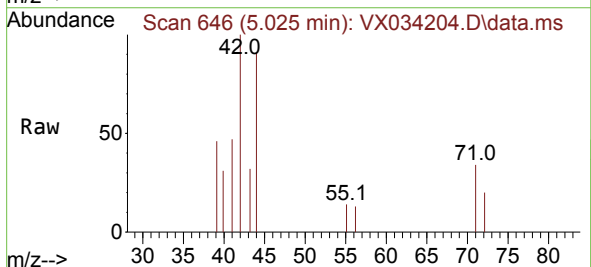
Tgt Ion: 42 Resp: 1206

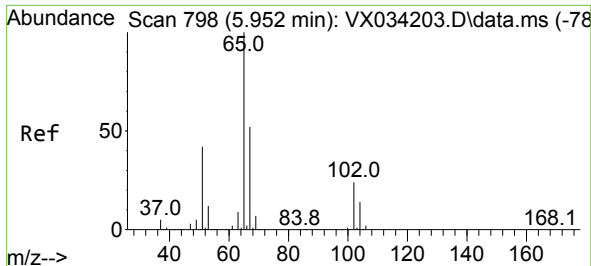
Ion Ratio Lower Upper

42 100

72 37.6 34.8 52.2

71 20.8 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 42.951 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034204.D

Acq: 21 Feb 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

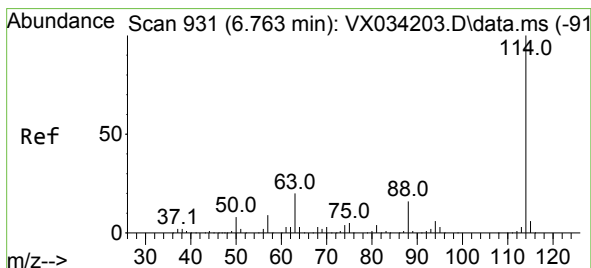
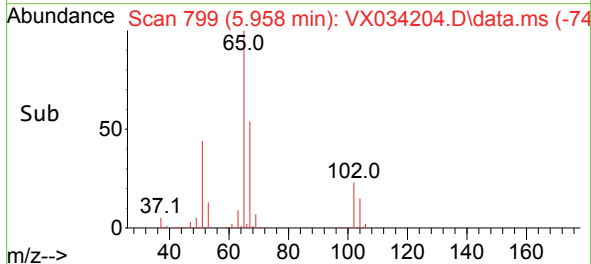
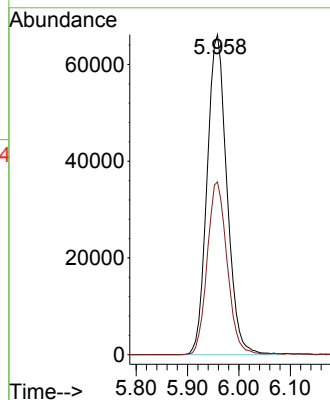
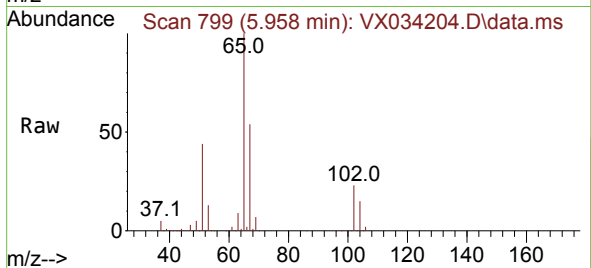
EB-2023-2-16

Tgt Ion: 65 Resp: 177145

Ion Ratio Lower Upper

65 100

67 54.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX034204.D

Acq: 21 Feb 2023 12:22

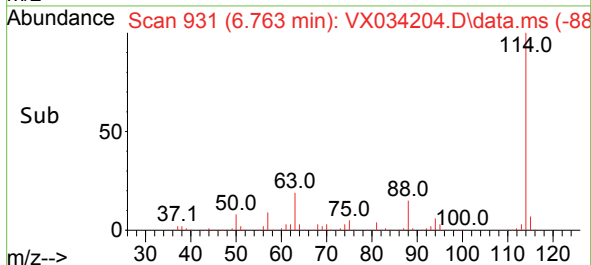
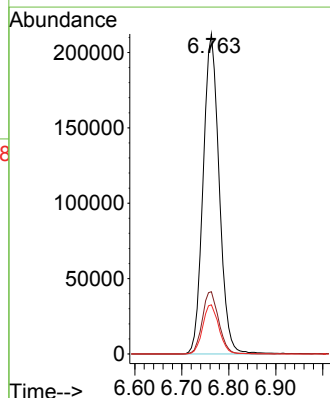
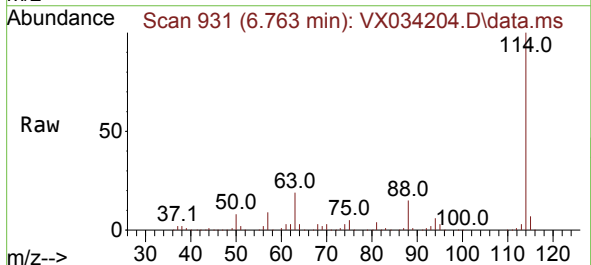
Tgt Ion: 114 Resp: 503187

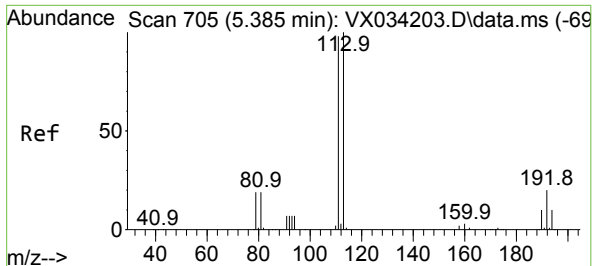
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 15.4 0.0 30.6

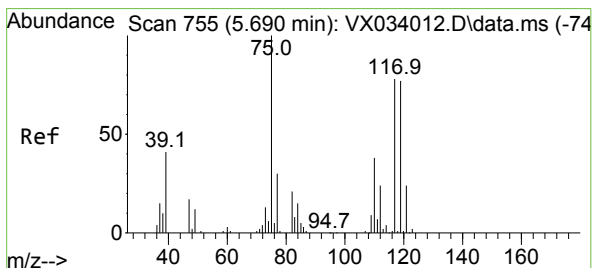
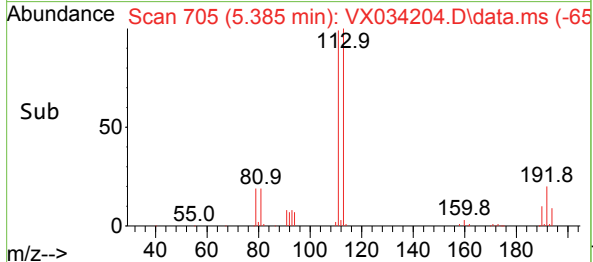
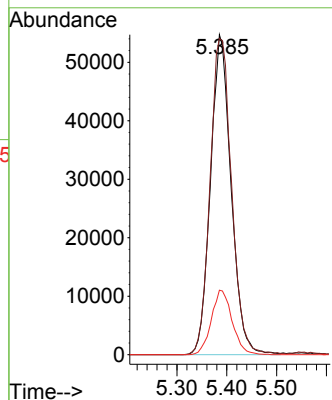
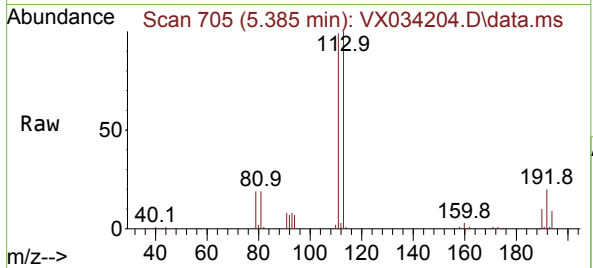




#35
 Dibromofluoromethane
 Concen: 47.818 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX034204.D
 Acq: 21 Feb 2023 12:22

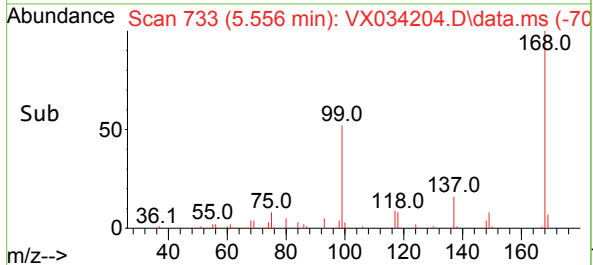
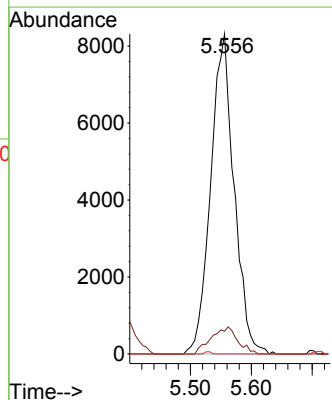
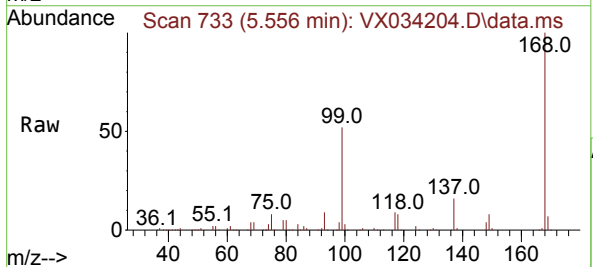
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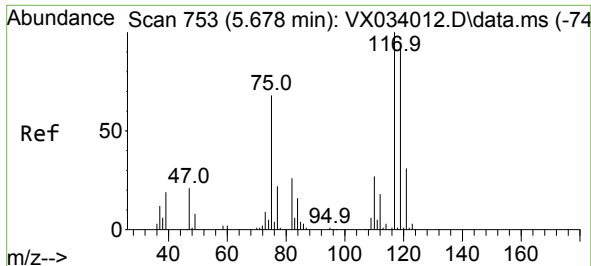
Tgt Ion:113 Resp: 156662
 Ion Ratio Lower Upper
 113 100
 111 103.4 83.0 124.6
 192 20.4 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 4.575 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.134 min
 Lab File: VX034204.D
 Acq: 21 Feb 2023 12:22

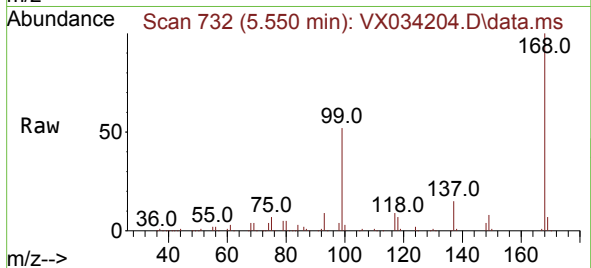
Tgt Ion: 75 Resp: 22166
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.8 56.4#
 77 0.0 25.1 37.7#



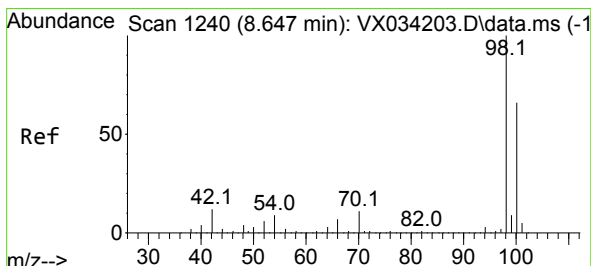
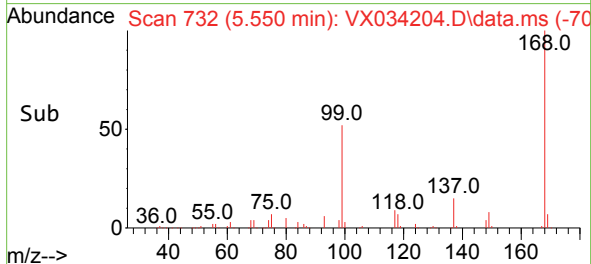
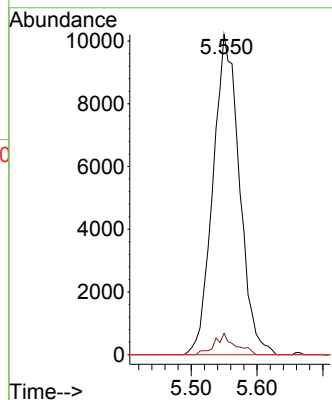


#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034204.D
Acq: 21 Feb 2023 12:22

Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-16

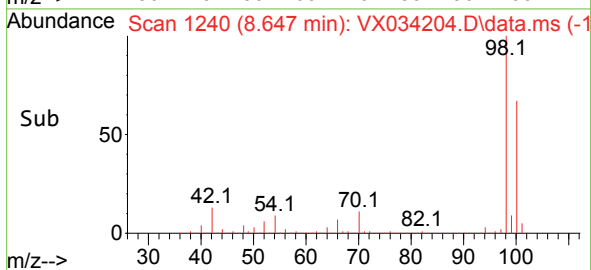
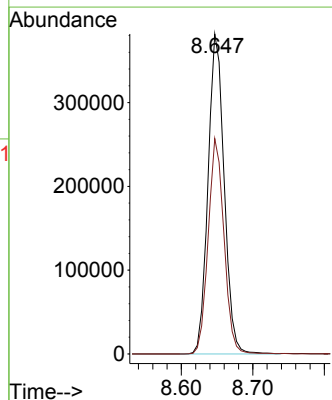
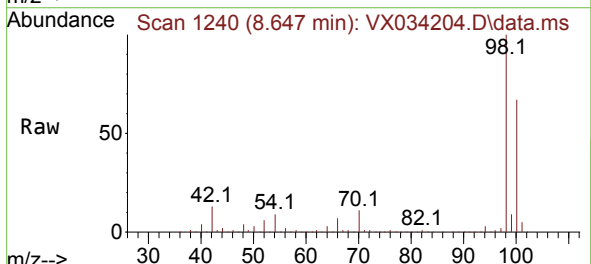


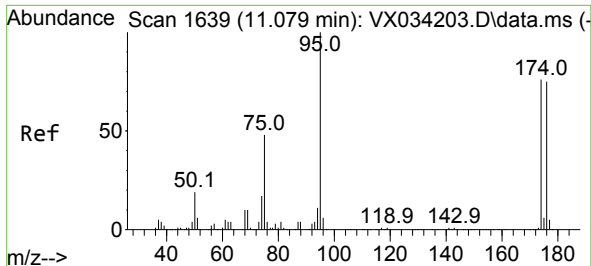
Tgt Ion:117 Resp: 28600
Ion Ratio Lower Upper
117 100
119 6.6 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.886 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034204.D
Acq: 21 Feb 2023 12:22

Tgt Ion: 98 Resp: 598557
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4

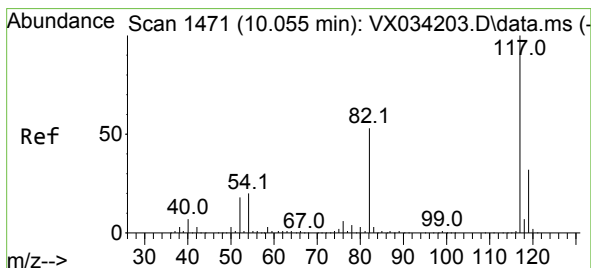
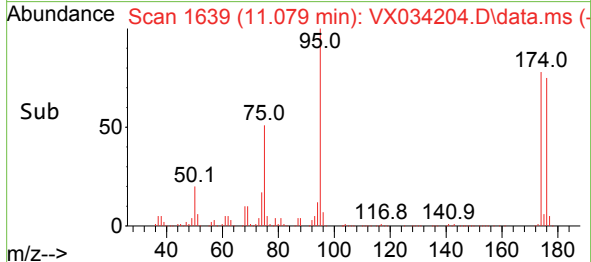
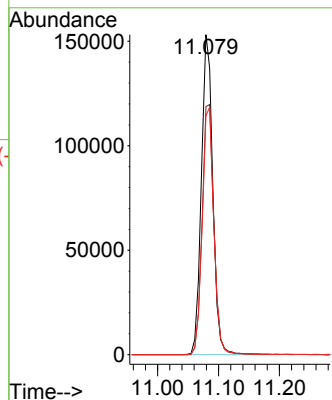
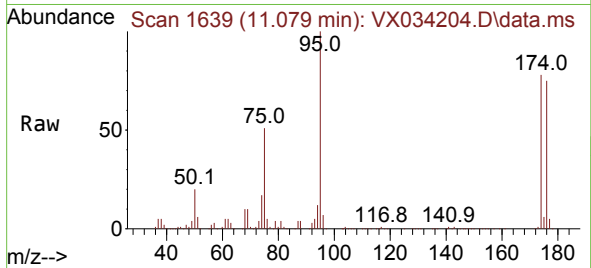




#62
4-Bromofluorobenzene
Concen: 44.396 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034204.D
Acq: 21 Feb 2023 12:22

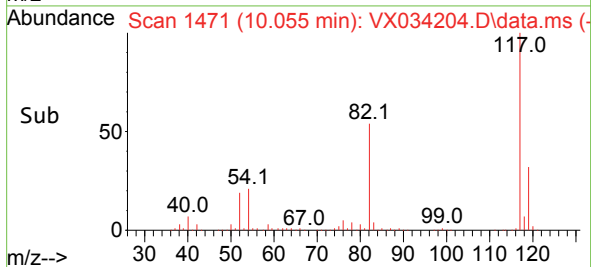
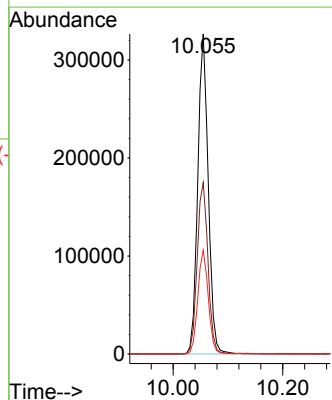
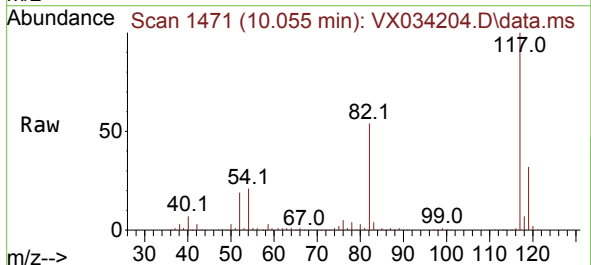
Instrument :
MSVOA_X
ClientSampleId :
EB-2023-2-16

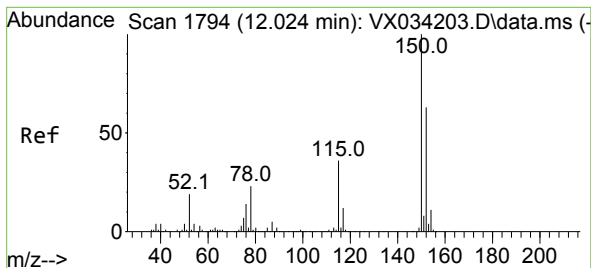
Tgt Ion: 95 Resp: 199754
Ion Ratio Lower Upper
95 100
174 80.5 0.0 184.4
176 78.6 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034204.D
Acq: 21 Feb 2023 12:22

Tgt Ion: 117 Resp: 436131
Ion Ratio Lower Upper
117 100
82 53.5 40.6 60.8
119 32.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034204.D

Acq: 21 Feb 2023 12:22

Instrument :

MSVOA_X

ClientSampleId :

EB-2023-2-16

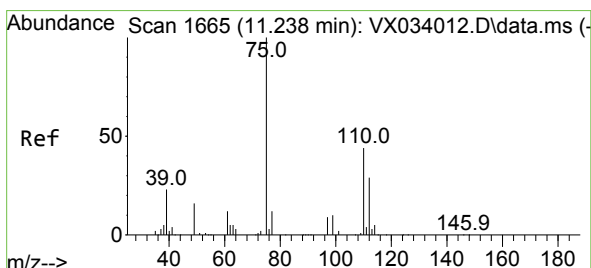
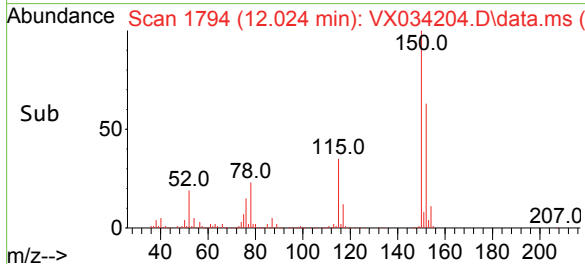
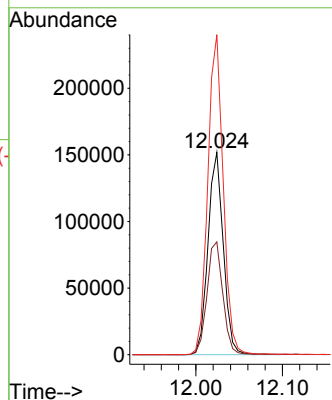
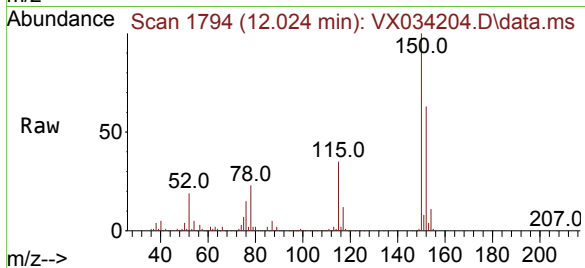
Tgt Ion:152 Resp: 186355

Ion Ratio Lower Upper

152 100

115 58.0 38.7 116.1

150 159.2 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 20.984 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034204.D

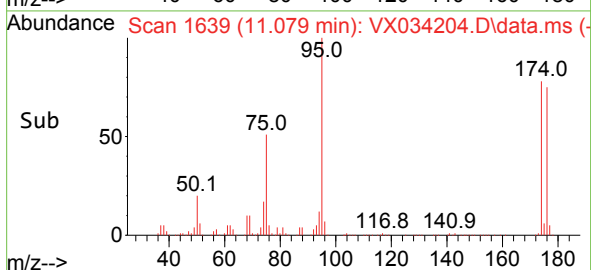
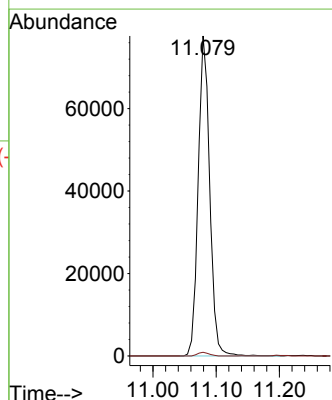
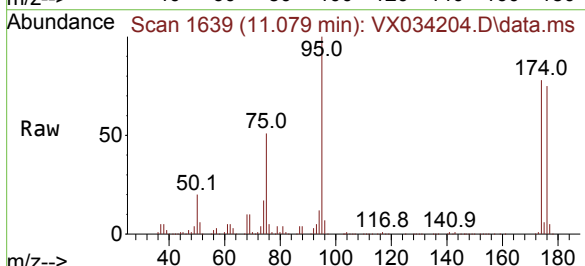
Acq: 21 Feb 2023 12:22

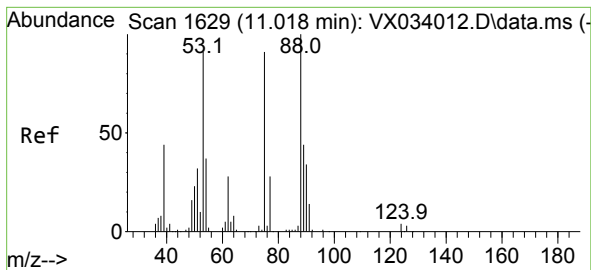
Tgt Ion: 75 Resp: 98398

Ion Ratio Lower Upper

75 100

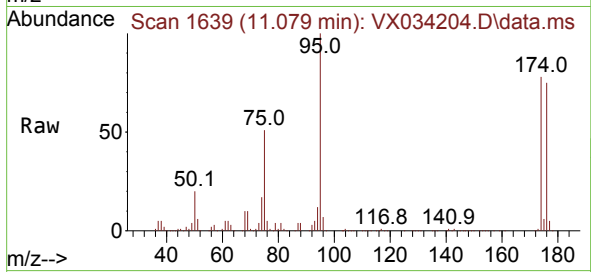
77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.906 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX034204.D
 Acq: 21 Feb 2023 12:22

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-2023-2-16



Tgt Ion: 75 Resp: 98398
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

