

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
 Data File : VX034205.D
 Acq On : 21 Feb 2023 12:45
 Operator : JC/MD
 Sample : 01611-03RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 22 05:49:09 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)

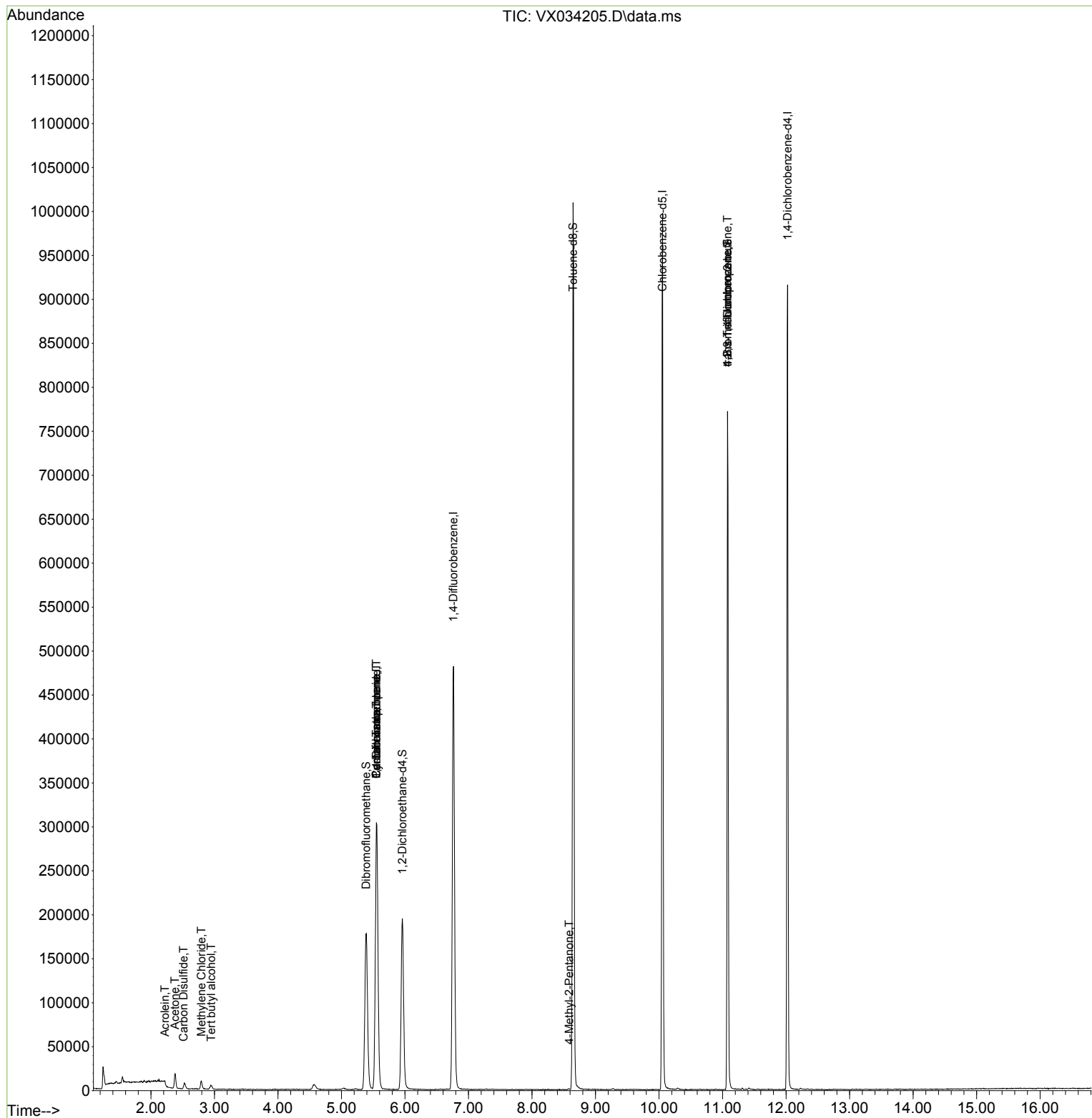
Internal Standards						
1) Pentafluorobenzene	5.550	168	308109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	509854	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	180622	43.529	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.060%
35) Dibromofluoromethane	5.385	113	159244	47.970	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	8.647	98	605581	50.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.620%
62) 4-Bromofluorobenzene	11.079	95	204340	44.822	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
					Qvalue	
5) Bromomethane	1.581	94	62	Below Cal	#	32
11) Tert butyl alcohol	2.947	59	2856	3.077	ug/l	97
13) Acrolein	2.221	56	145	0.342	ug/l #	14
16) Acetone	2.380	43	18143	8.476	ug/l	89
17) Carbon Disulfide	2.514	76	2075	0.217	ug/l #	93
20) Methylene Chloride	2.794	84	4222	1.095	ug/l	93
31) Cyclohexane	5.550	56	6541	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23058	4.697	ug/l #	48
38) Carbon Tetrachloride	5.550	117	29113	5.763	ug/l #	16
51) 4-Methyl-2-Pentanone	8.586	43	1159	0.218	ug/l #	71
76) 1,2,3-Trichloropropane	11.079	75	101977	20.734	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	101977	53.263	ug/l #	8

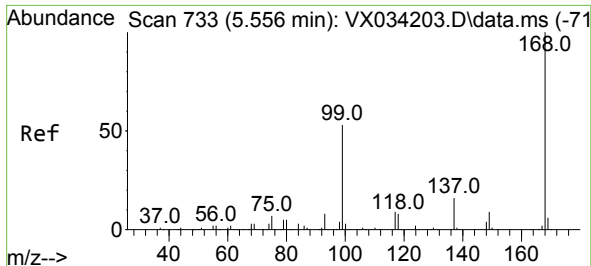
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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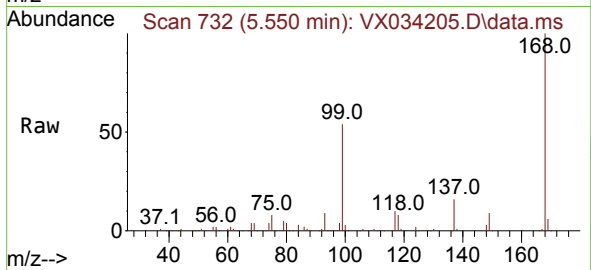
Quant Time: Feb 22 05:49:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration



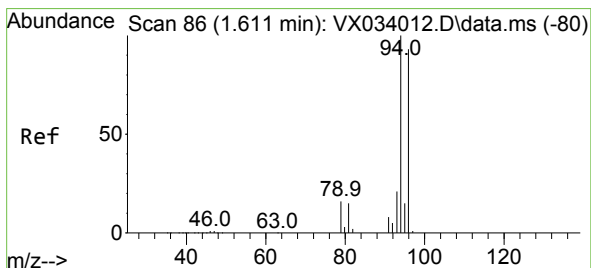
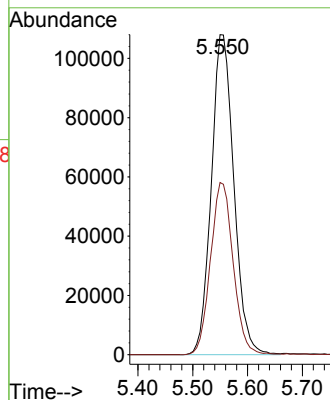
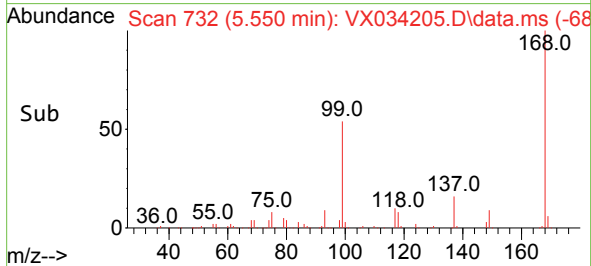


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

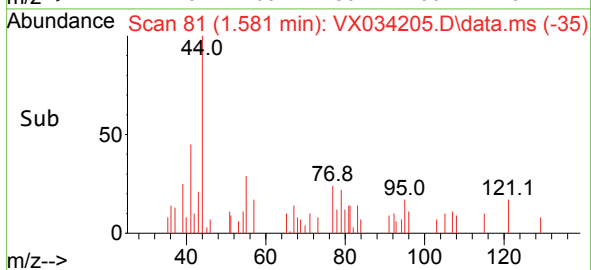
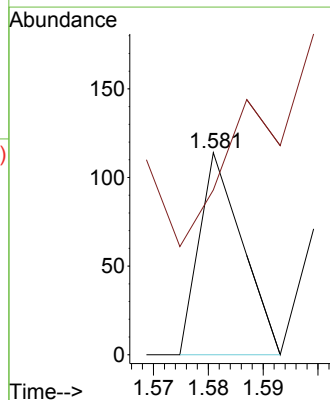
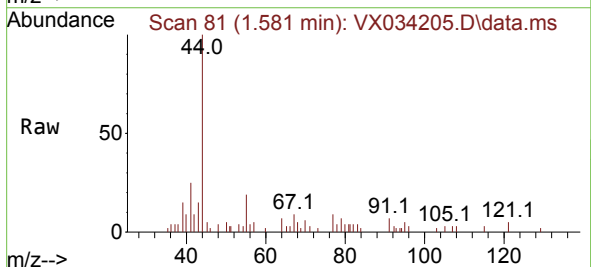


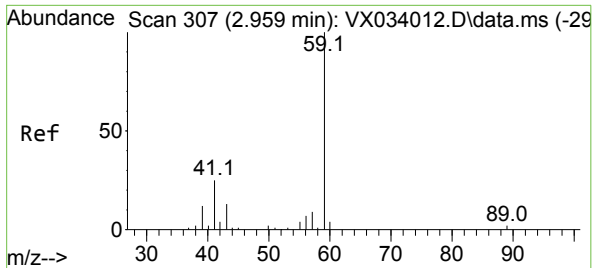
Tgt Ion:168 Resp: 308109
Ion Ratio Lower Upper
168 100
99 53.8 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Tgt Ion: 94 Resp: 62
Ion Ratio Lower Upper
94 100
96 28.1 74.3 111.5#





#11

Tert butyl alcohol

Concen: 3.077 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034205.D

Acq: 21 Feb 2023 12:45

Instrument :

MSVOA_X

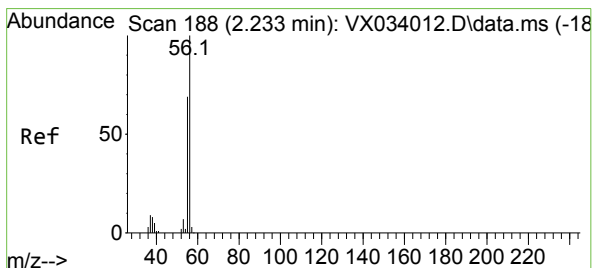
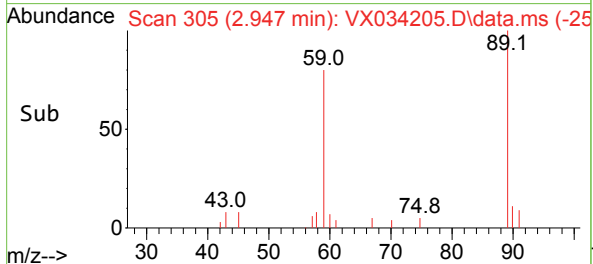
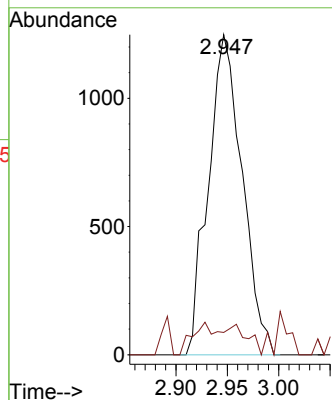
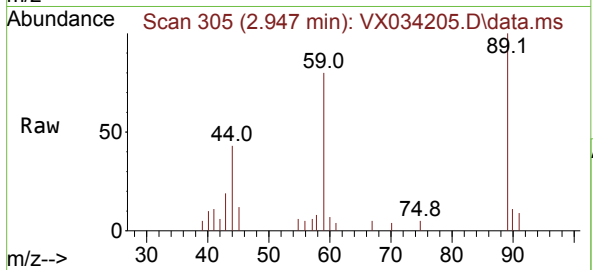
ClientSampleId :

Tgt Ion: 59 Resp: 2856

Ion Ratio Lower Upper

59 100

57 5.5 3.7 5.5



#13

Acrolein

Concen: 0.342 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX034205.D

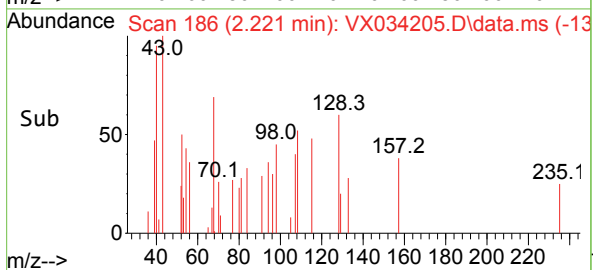
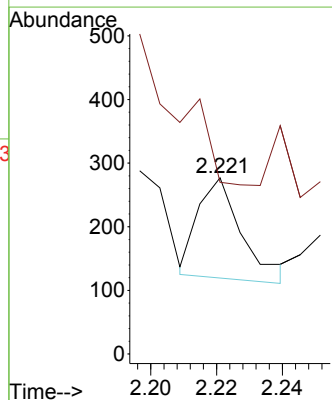
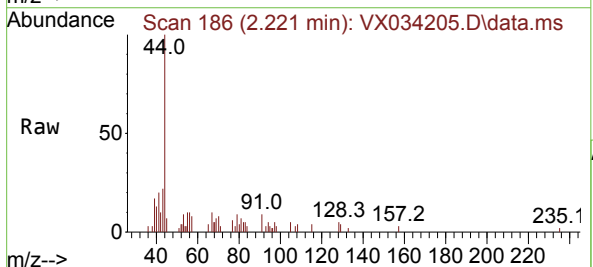
Acq: 21 Feb 2023 12:45

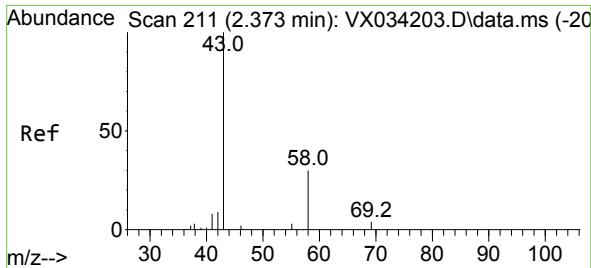
Tgt Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 0.0 56.3 84.5#

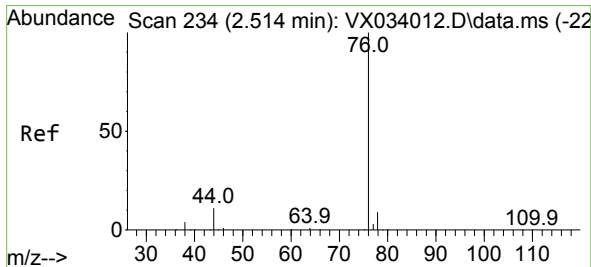
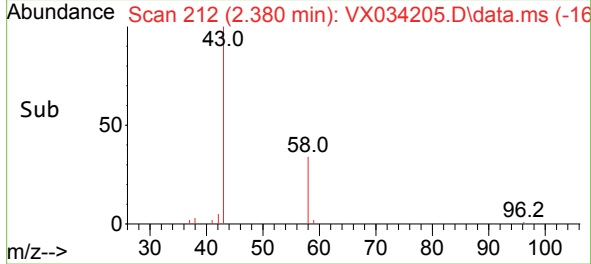
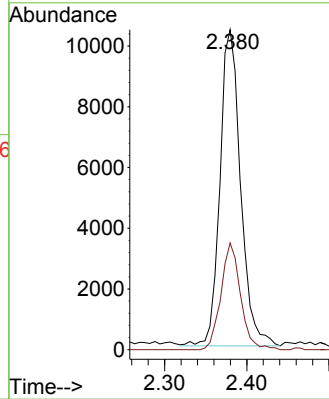
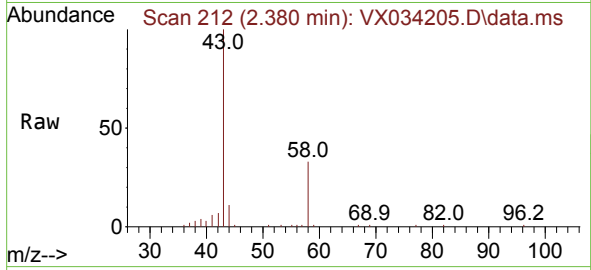




#16
Acetone
Concen: 8.476 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

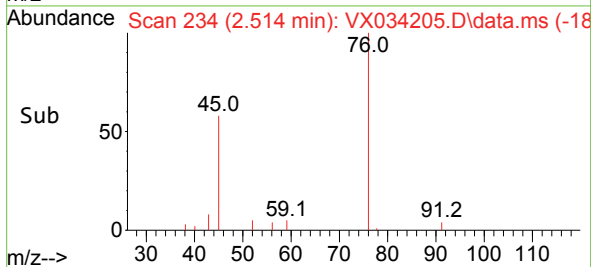
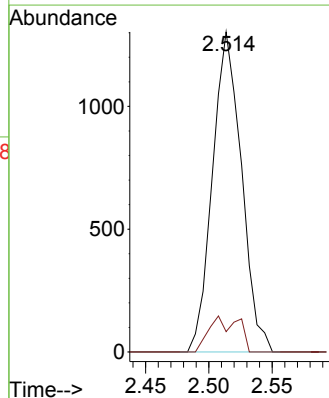
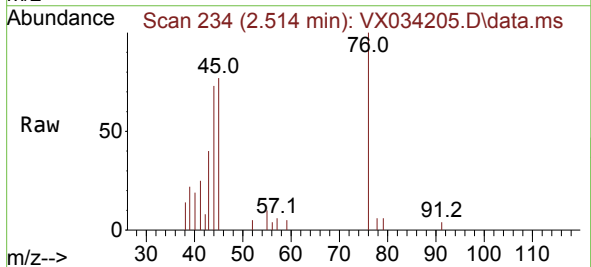
Instrument :
MSVOA_X
ClientSampleId :

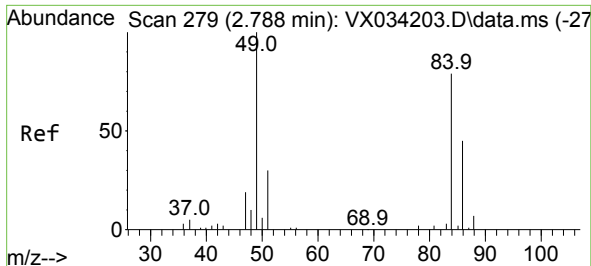
Tgt Ion: 43 Resp: 18143
Ion Ratio Lower Upper
43 100
58 33.8 22.6 33.8



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

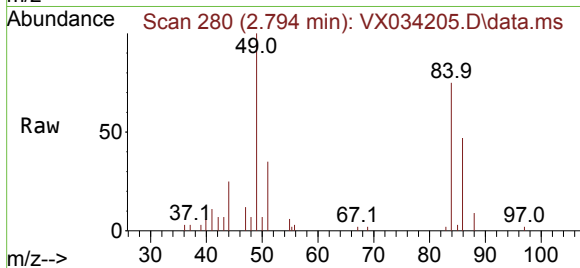
Tgt Ion: 76 Resp: 2075
Ion Ratio Lower Upper
76 100
78 6.4 7.0 10.6#



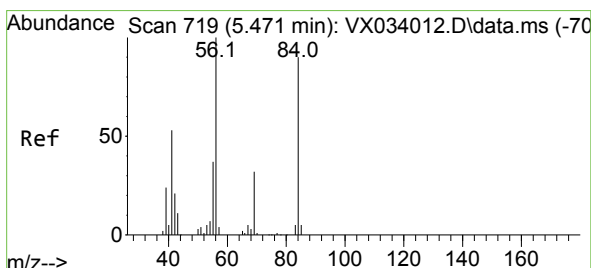
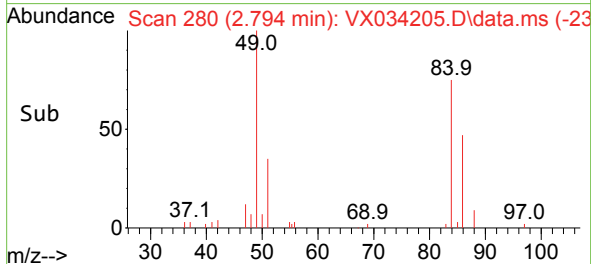
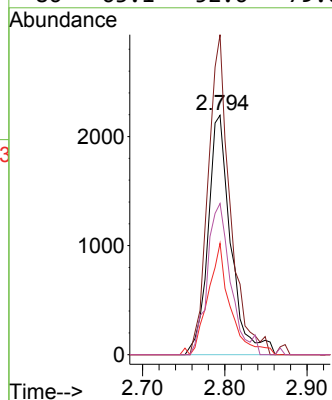


#20
Methylene Chloride
Concen: 1.095 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

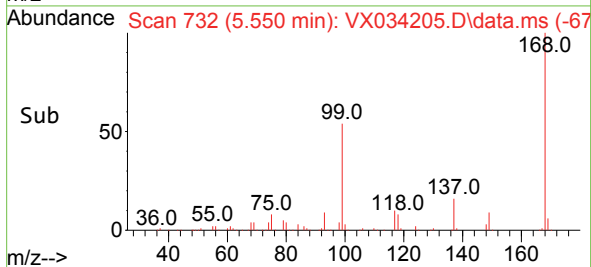
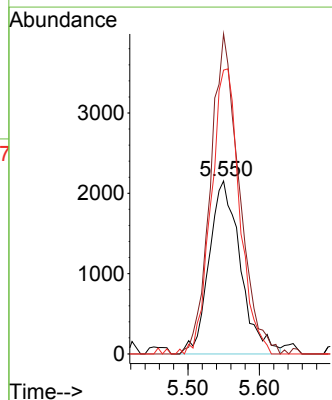
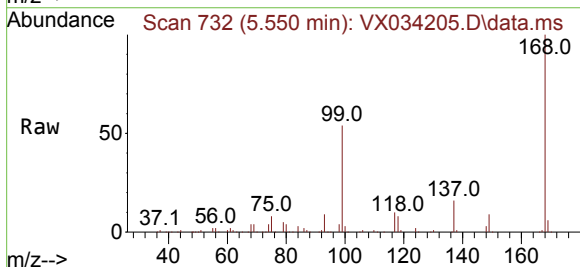


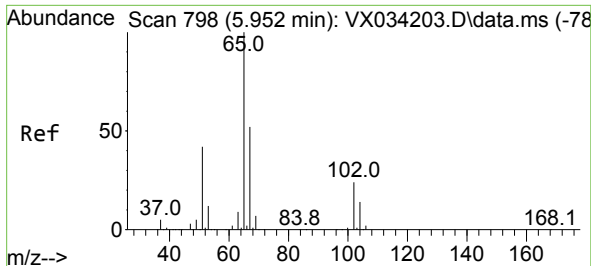
Tgt Ion:	84	Resp:	4222
Ion	Ratio	Lower	Upper
84	100		
49	133.7	101.1	151.7
51	46.5	31.0	46.6
86	63.1	52.6	79.0



#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Tgt Ion:	56	Resp:	6541
Ion	Ratio	Lower	Upper
56	100		
69	185.0	24.6	37.0#
84	164.1	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 43.529 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX034205.D

Acq: 21 Feb 2023 12:45

Instrument :

MSVOA_X

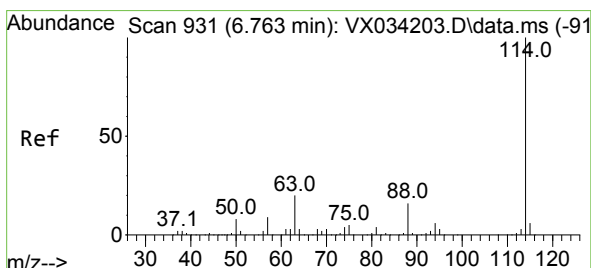
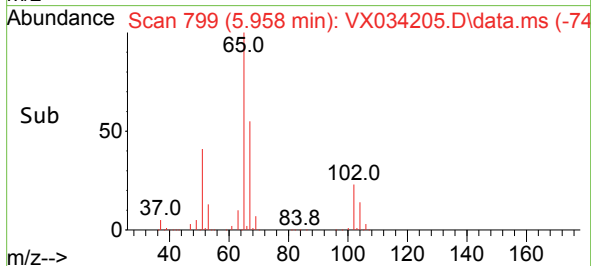
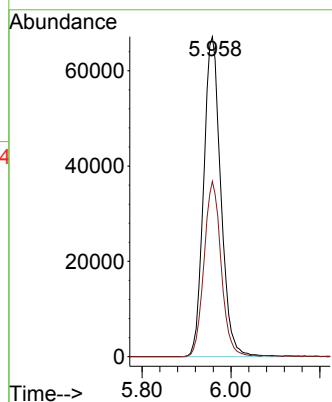
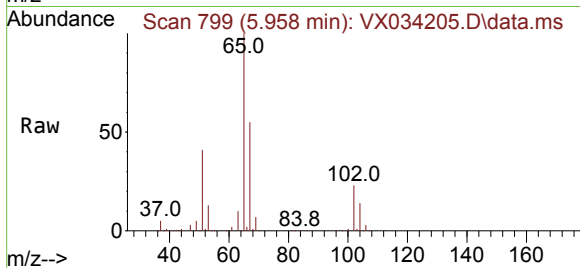
ClientSampleId :

Tgt Ion: 65 Resp: 180622

Ion Ratio Lower Upper

65 100

67 54.6 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: VX034205.D

Acq: 21 Feb 2023 12:45

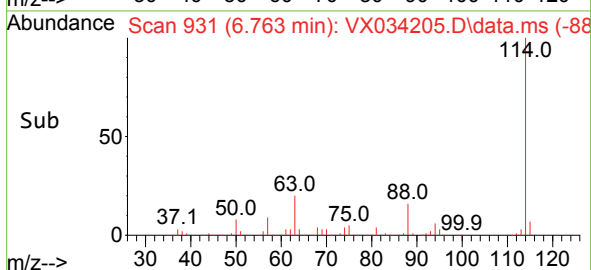
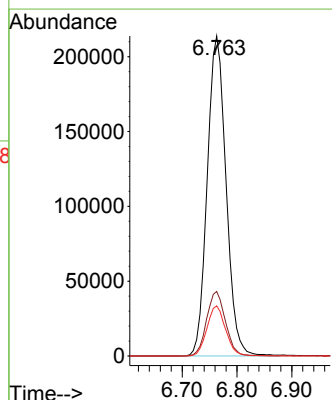
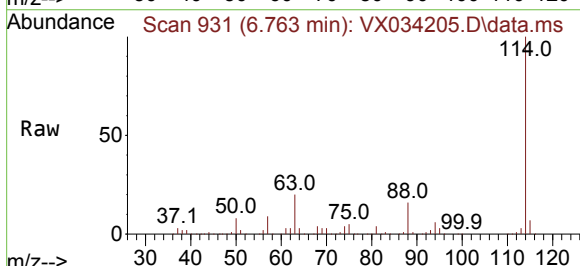
Tgt Ion: 114 Resp: 509854

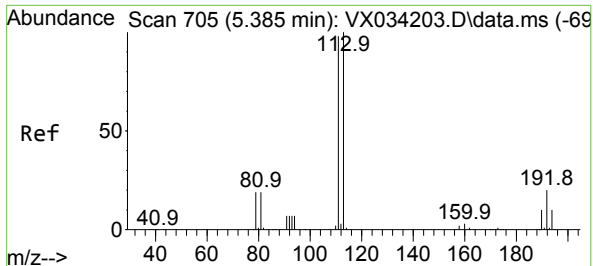
Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.7 0.0 30.6

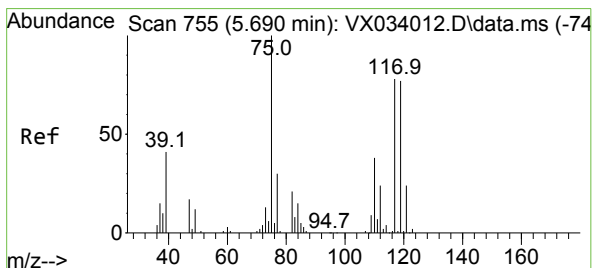
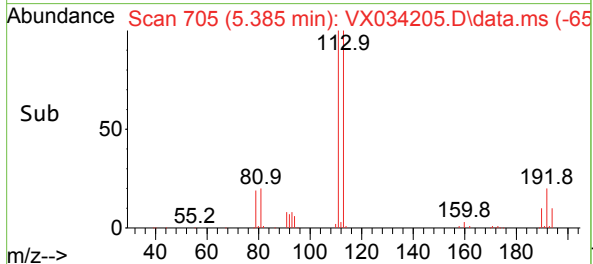
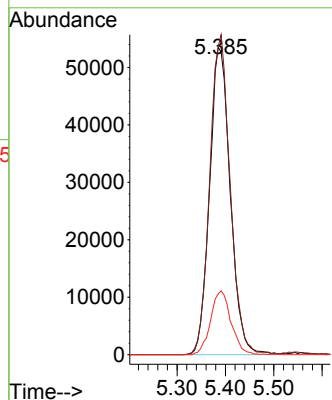
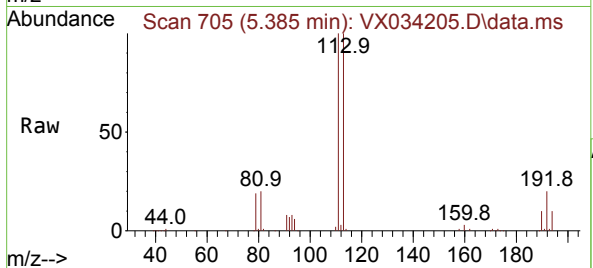




#35
Dibromofluoromethane
Concen: 47.970 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

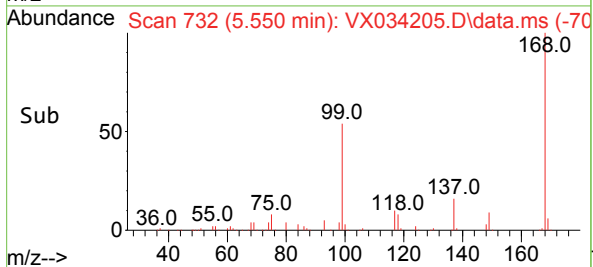
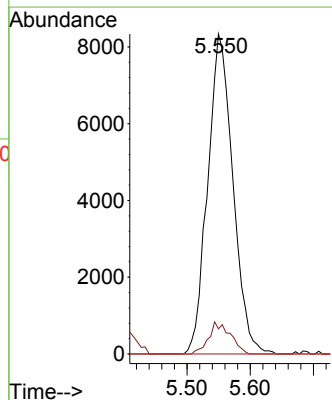
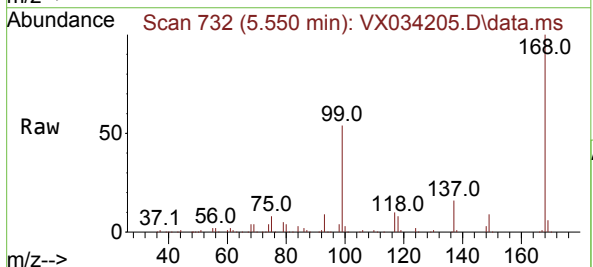
Instrument :
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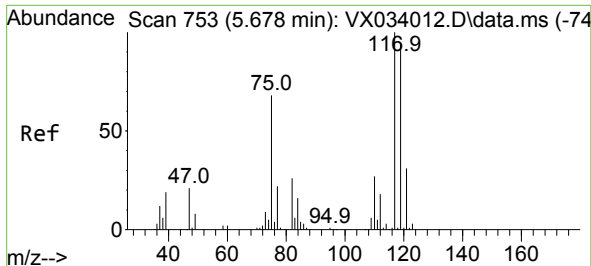
Tgt Ion:113 Resp: 159244
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 20.5 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.697 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

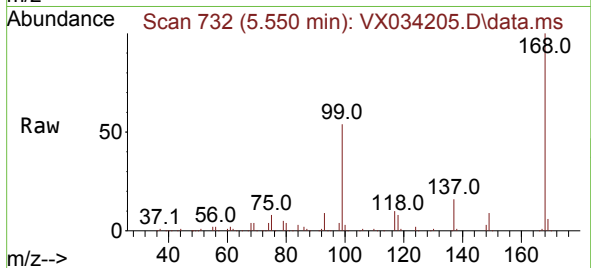
Tgt Ion: 75 Resp: 23058
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.1 37.7#



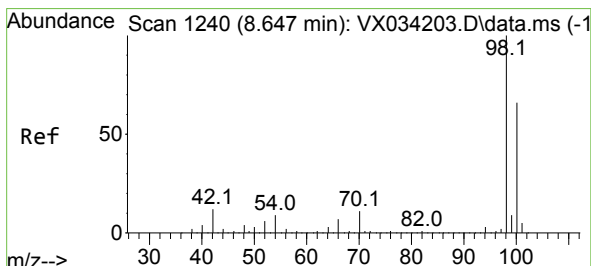
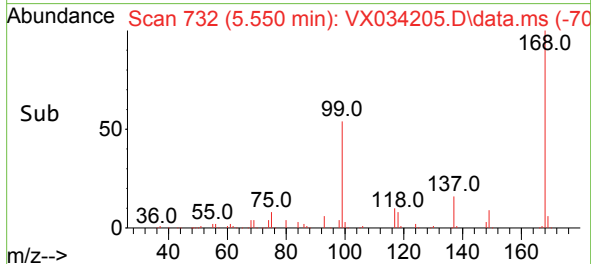
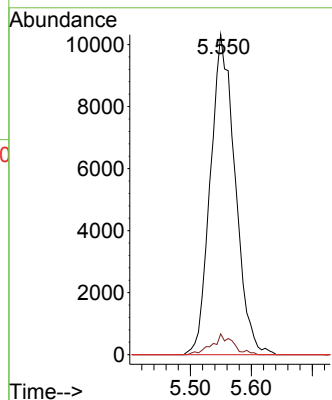


#38
Carbon Tetrachloride
Concen: 5.763 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

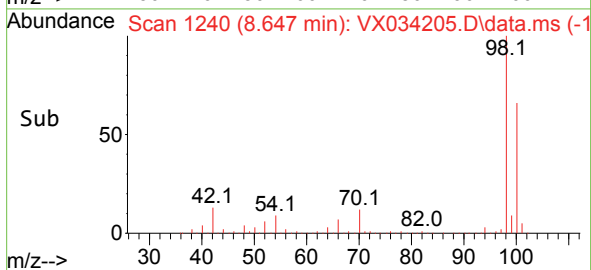
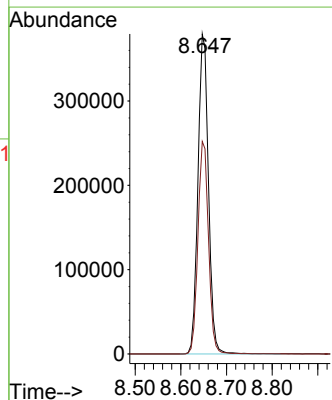
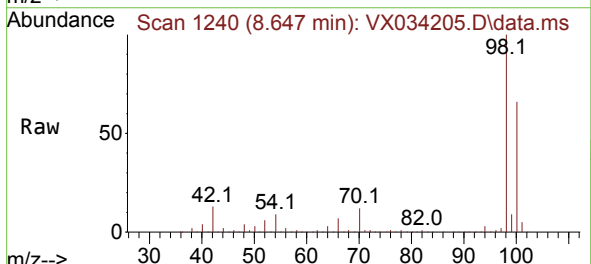


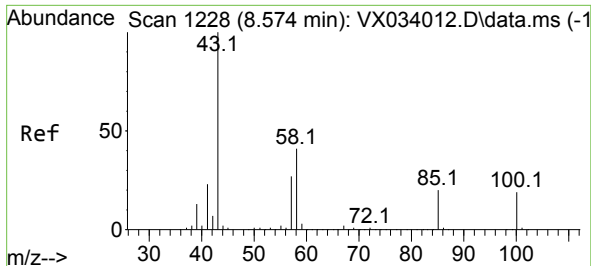
Tgt Ion:117 Resp: 29113
Ion Ratio Lower Upper
117 100
119 6.5 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.809 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Tgt Ion: 98 Resp: 605581
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

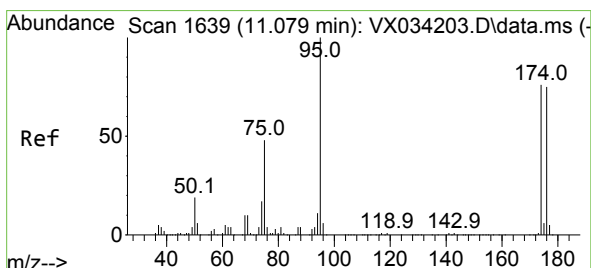
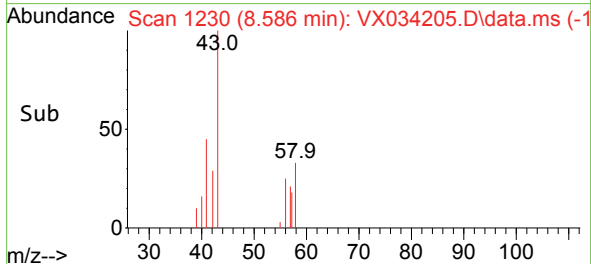
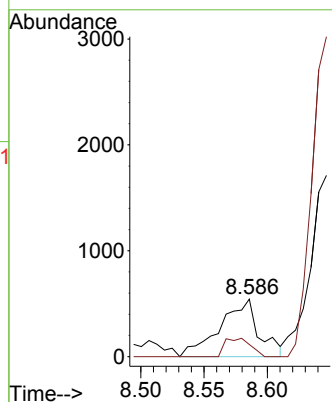
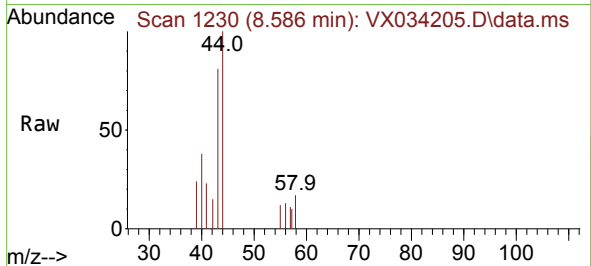




#51
4-Methyl-2-Pentanone
Concen: 0.218 ug/l
RT: 8.586 min Scan# 1159
Delta R.T. 0.018 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

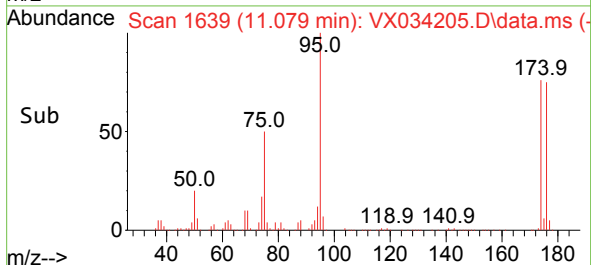
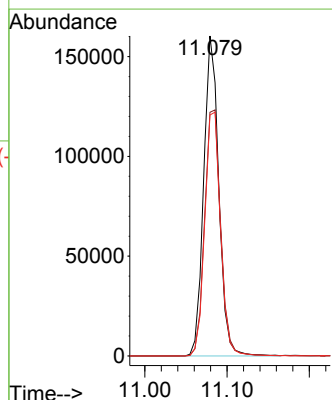
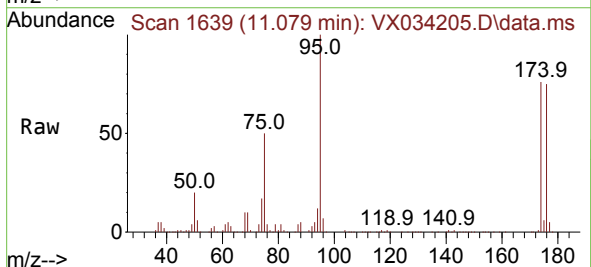
Instrument :
MSVOA_X
ClientSampleId :

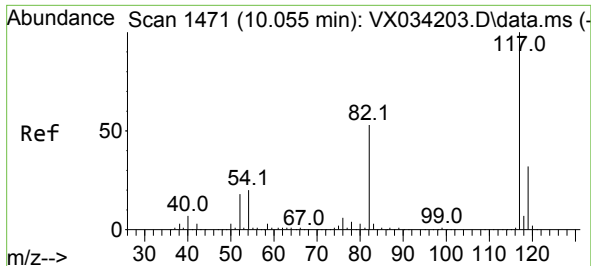
Tgt Ion: 43 Resp: 1159
Ion Ratio Lower Upper
43 100
58 21.1 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 44.822 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

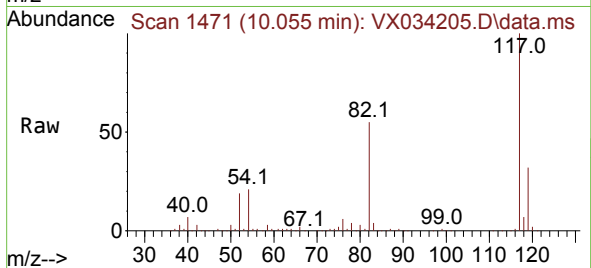
Tgt Ion: 95 Resp: 204340
Ion Ratio Lower Upper
95 100
174 82.1 0.0 184.4
176 79.8 0.0 178.8



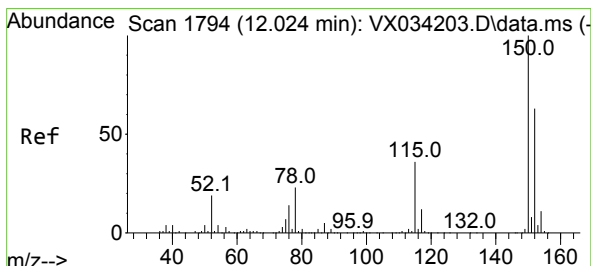
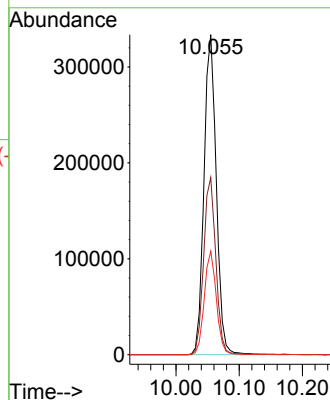
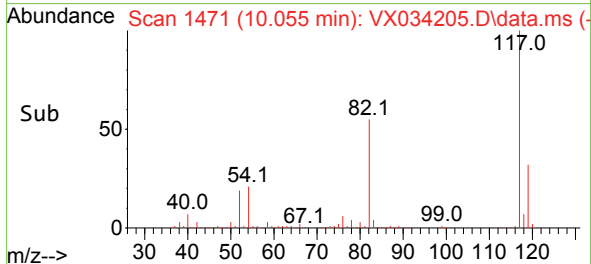


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Instrument :
MSVOA_X
ClientSampleId :

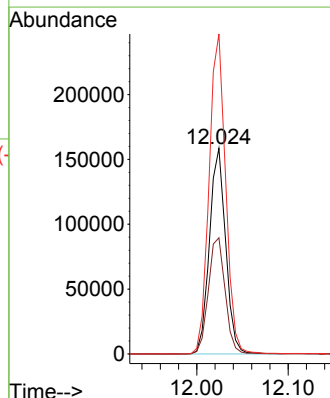
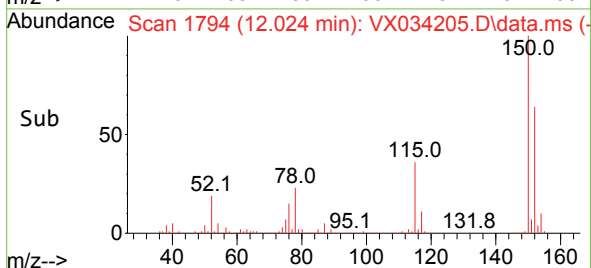
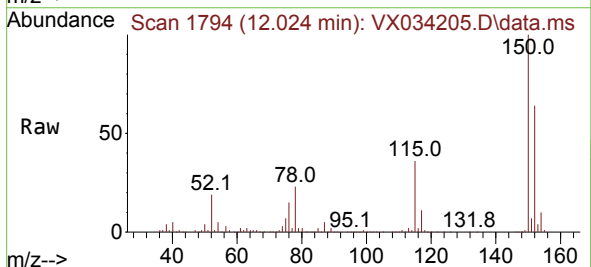


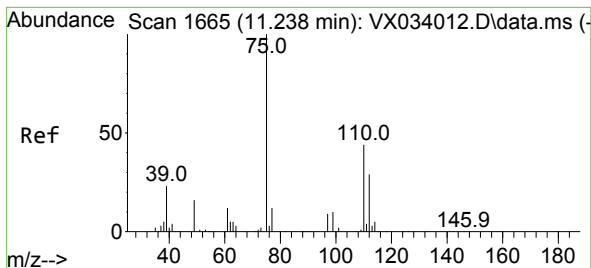
Tgt Ion:117 Resp: 452007
Ion Ratio Lower Upper
117 100
82 55.3 40.6 60.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034205.D
Acq: 21 Feb 2023 12:45

Tgt Ion:152 Resp: 195465
Ion Ratio Lower Upper
152 100
115 58.5 38.7 116.1
150 158.3 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.734 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX034205.D

Acq: 21 Feb 2023 12:45

Instrument :

MSVOA_X

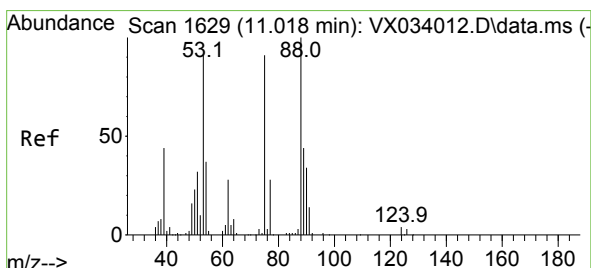
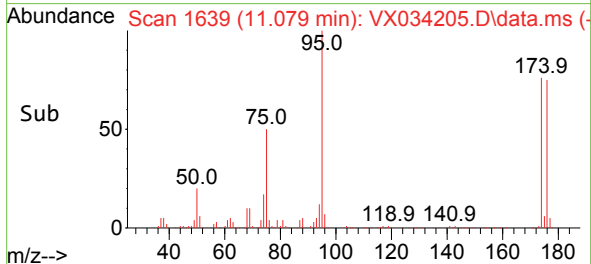
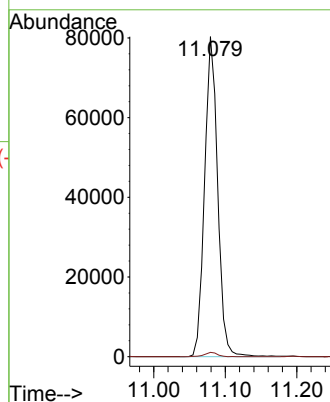
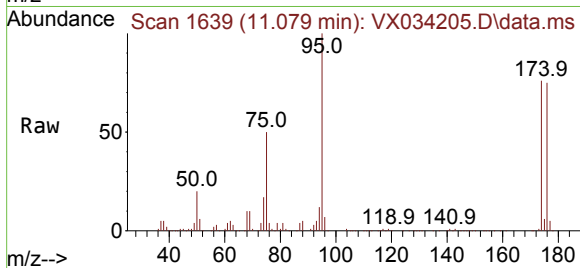
ClientSampleId :

Tgt Ion: 75 Resp: 101977

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 53.263 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034205.D

Acq: 21 Feb 2023 12:45

Tgt Ion: 75 Resp: 101977

Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

