

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020123\
 Data File : VX033980.D
 Acq On : 01 Feb 2023 11:01
 Operator : JC/MD
 Sample : VX0201WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBL01

Quant Time: Feb 02 01:34:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

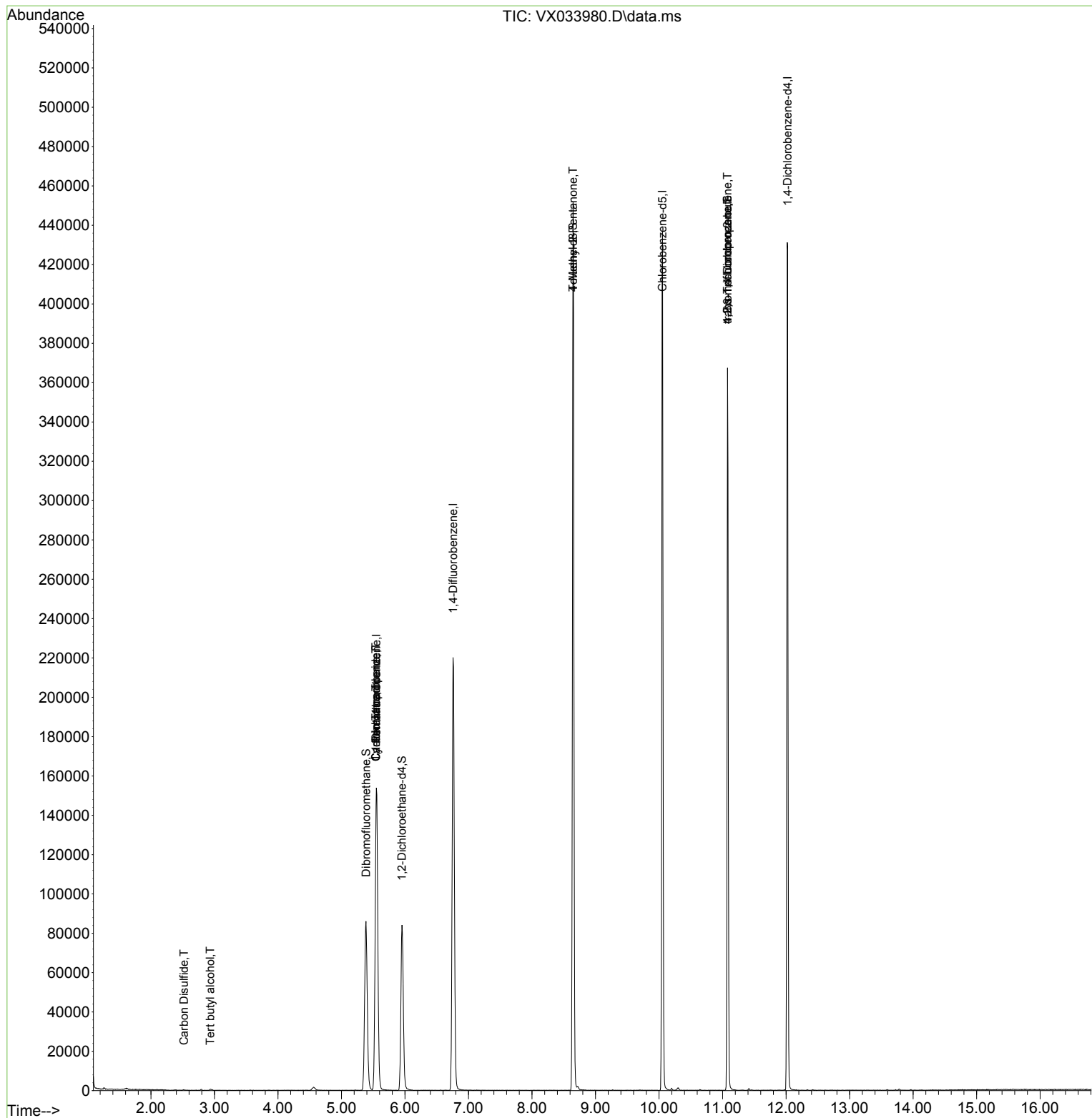
Internal Standards						
1) Pentafluorobenzene	5.550	168	170827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219050	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80108	44.538	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.080%
35) Dibromofluoromethane	5.385	113	75206	49.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.440%
50) Toluene-d8	8.647	98	276709	49.701	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.400%
62) 4-Bromofluorobenzene	11.079	95	96153	46.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.934	59	378	1.210	ug/l #	86
16) Acetone	2.380	43	331	Below Cal	#	47
17) Carbon Disulfide	2.520	76	358	1.920	ug/l #	76
20) Methylene Chloride	2.794	84	251	Below Cal	#	58
31) Cyclohexane	5.544	56	2463	0.931	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10009	4.488	ug/l #	48
38) Carbon Tetrachloride	5.544	117	14217	6.155	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1088	0.503	ug/l #	1
73) Isopropylbenzene	10.957	105	29	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	44269	23.083	ug/l #	34
79) 2-Chlorotoluene	11.299	91	145	Below Cal	#	39
81) trans-1,4-Dichloro-2-b...	11.079	75	44269	71.740	ug/l #	8
82) 4-Chlorotoluene	11.463	91	140	Below Cal	#	43

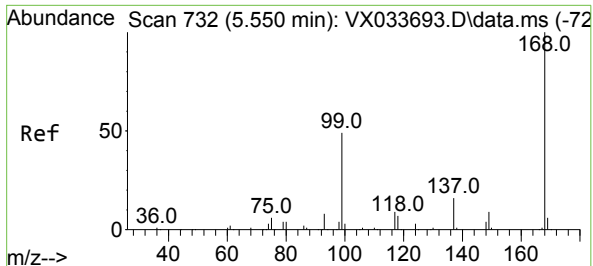
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
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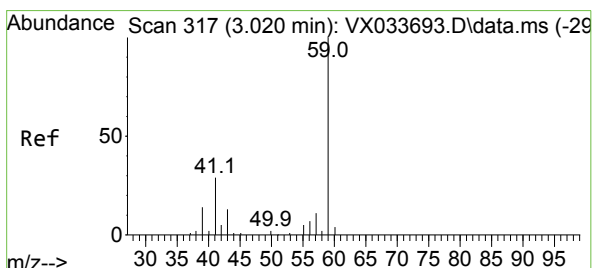
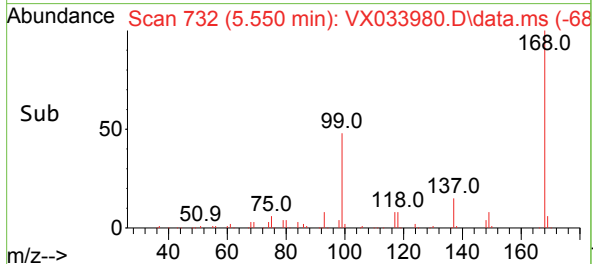
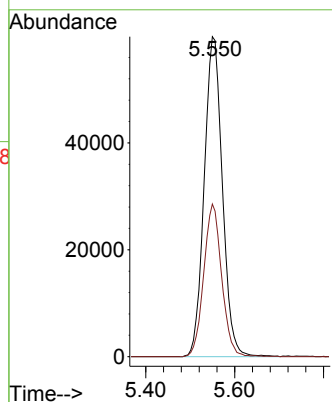
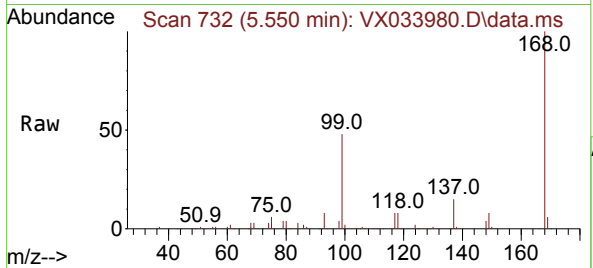




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

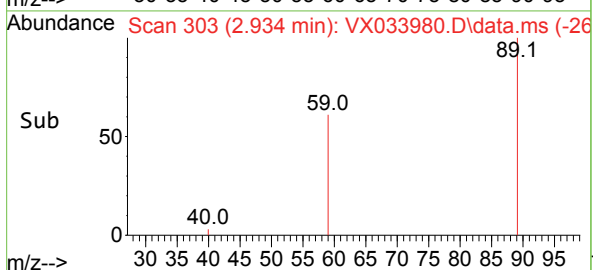
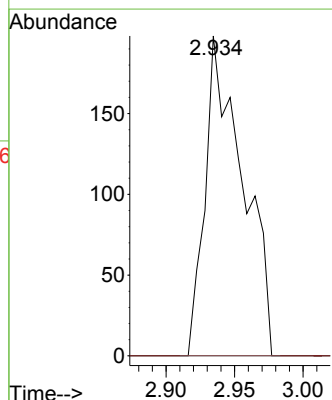
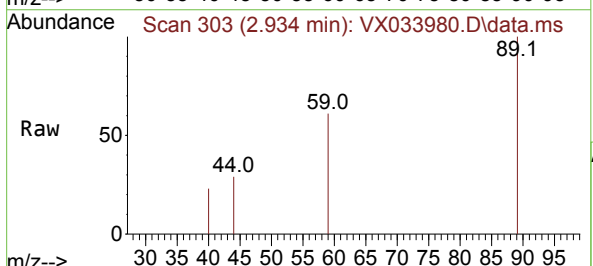
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

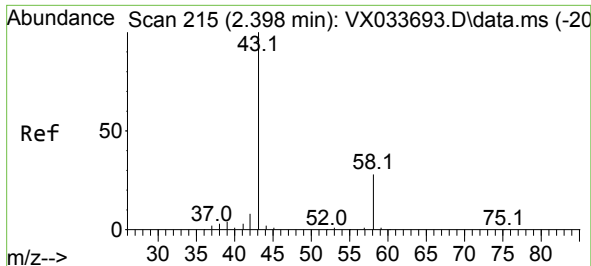
Tgt Ion:168 Resp: 170827
Ion Ratio Lower Upper
168 100
99 47.7 39.6 59.4



#11
Tert butyl alcohol
Concen: 1.210 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.085 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 3.7 5.5#

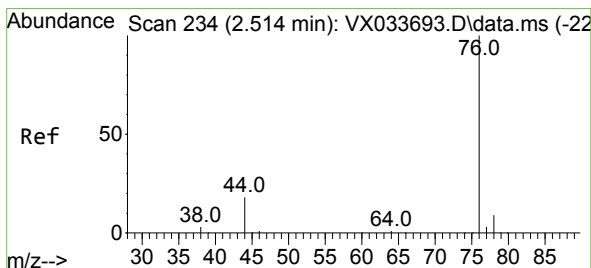
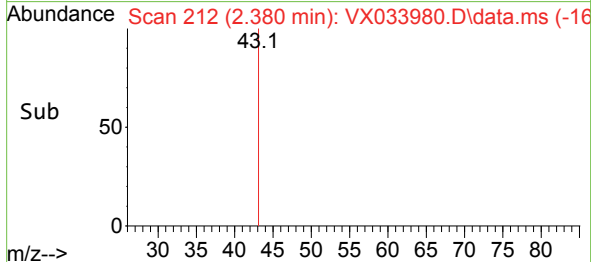
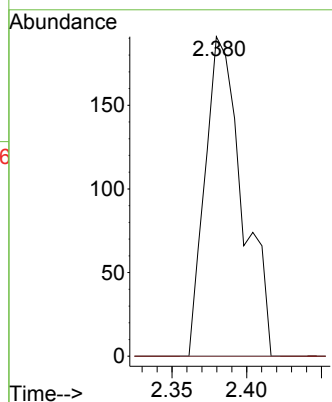
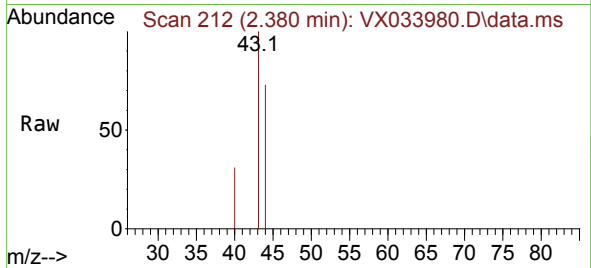




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 215
Delta R.T. -0.018 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

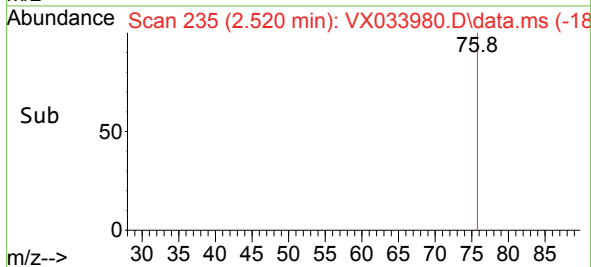
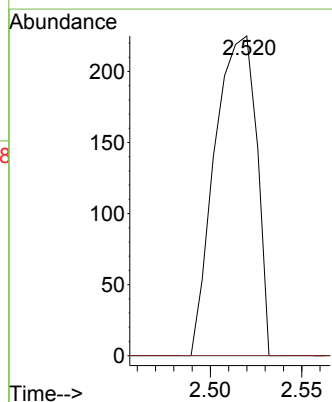
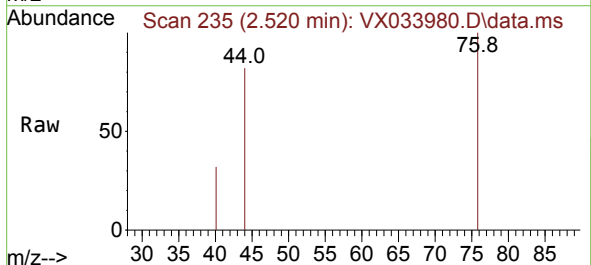
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

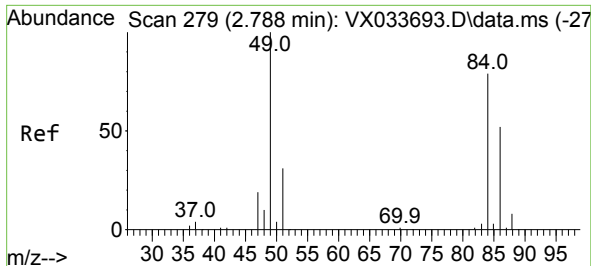
Tgt Ion: 43 Resp: 331
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 1.920 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Tgt Ion: 76 Resp: 358
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX033980.D

Acq: 01 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0201WBL01

Tgt Ion: 84 Resp: 251

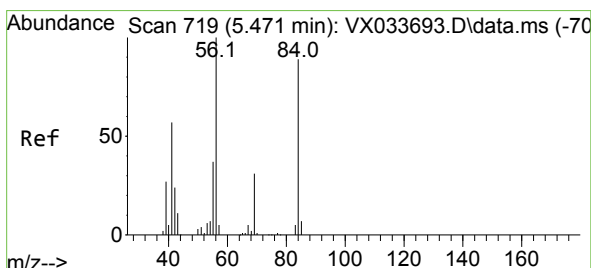
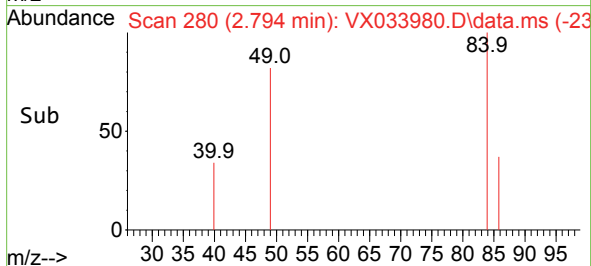
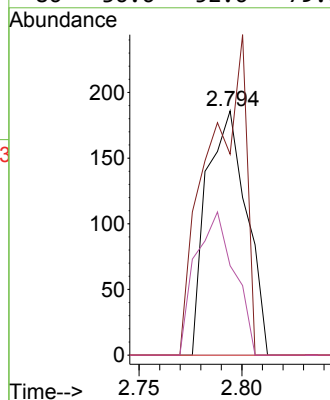
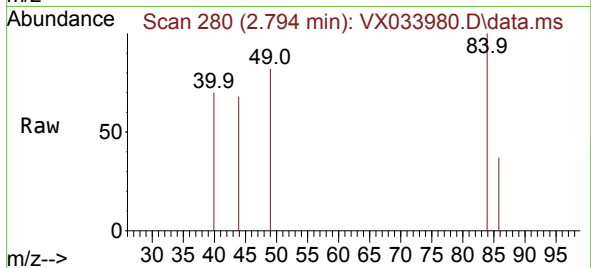
Ion Ratio Lower Upper

84 100

49 82.3 101.1 151.7#

51 0.0 31.0 46.6#

86 36.6 52.6 79.0#



#31

Cyclohexane

Concen: 0.931 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX033980.D

Acq: 01 Feb 2023 11:01

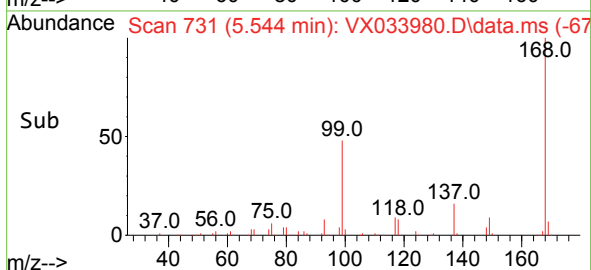
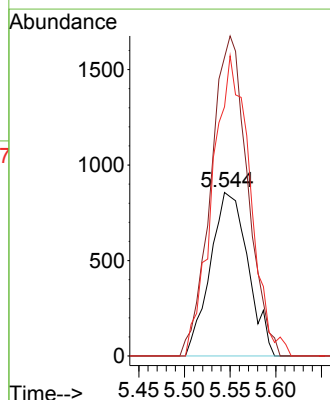
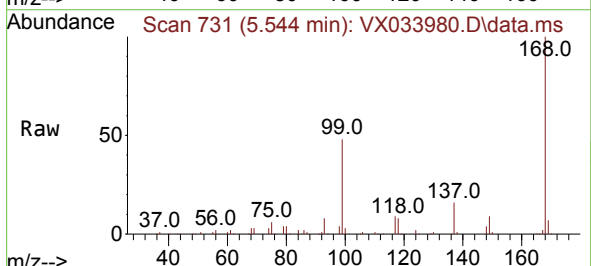
Tgt Ion: 56 Resp: 2463

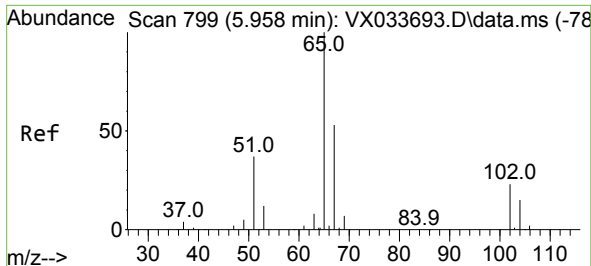
Ion Ratio Lower Upper

56 100

69 182.5 24.6 37.0#

84 152.3 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 44.538 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033980.D

Acq: 01 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

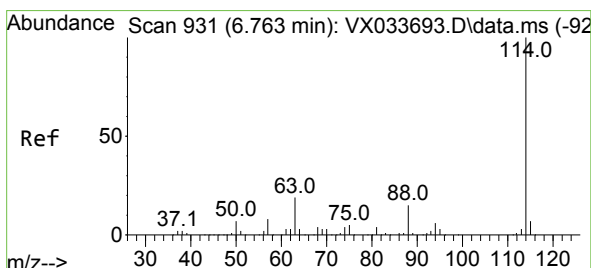
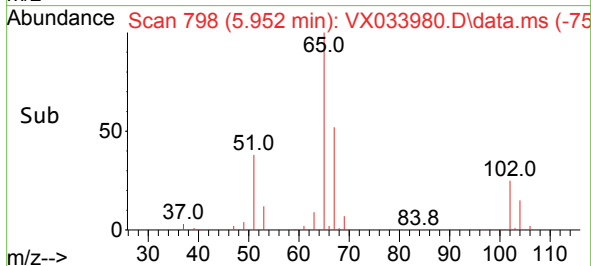
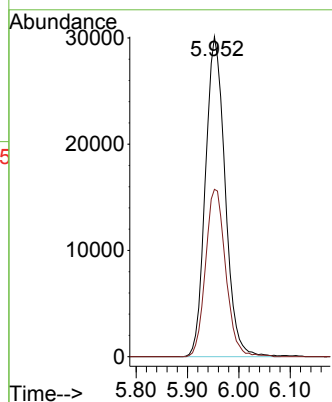
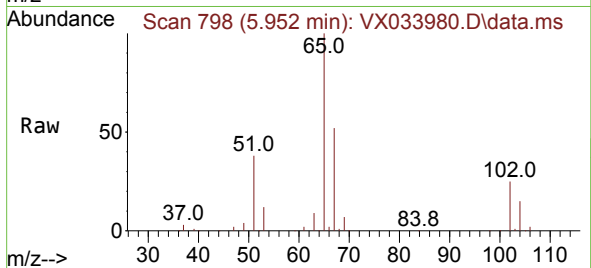
VX0201WBL01

Tgt Ion: 65 Resp: 80108

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033980.D

Acq: 01 Feb 2023 11:01

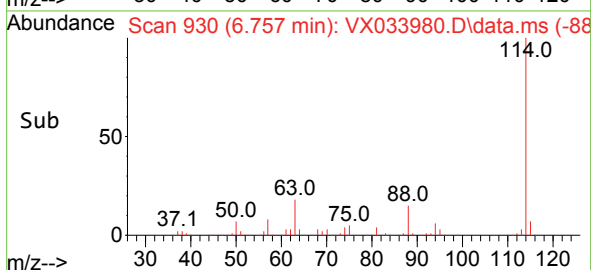
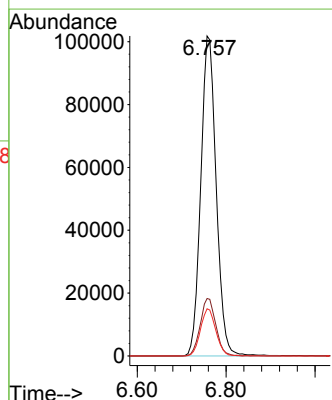
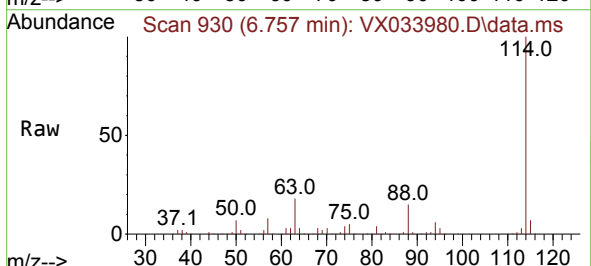
Tgt Ion: 114 Resp: 246084

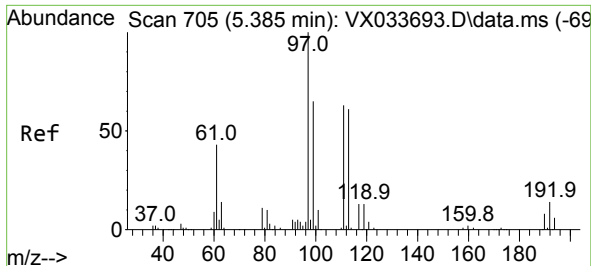
Ion Ratio Lower Upper

114 100

63 18.0 0.0 37.4

88 14.7 0.0 30.6

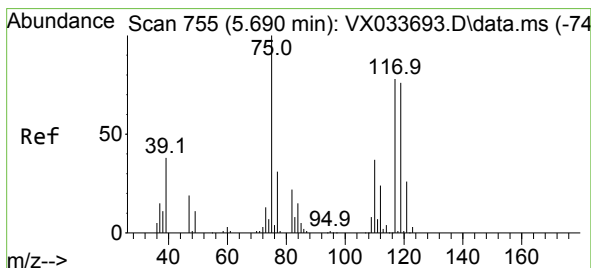
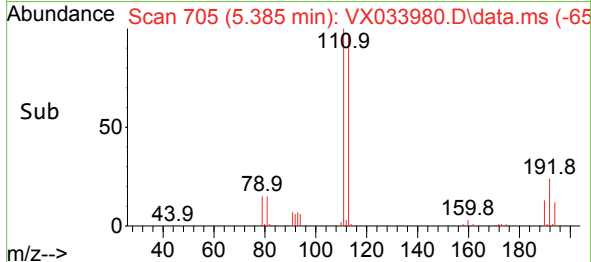
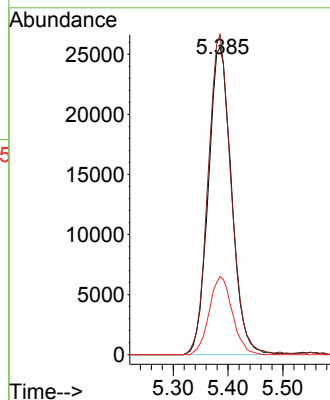
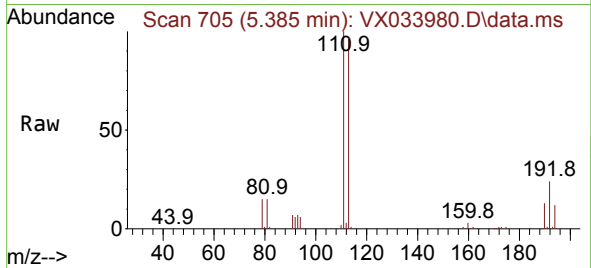




#35
Dibromofluoromethane
Concen: 49.217 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

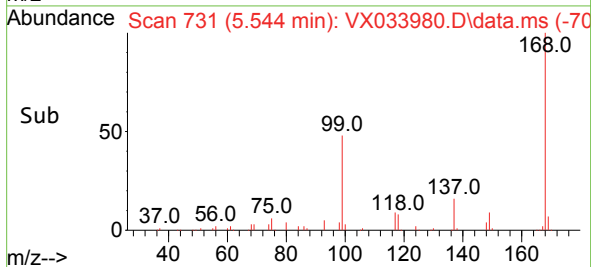
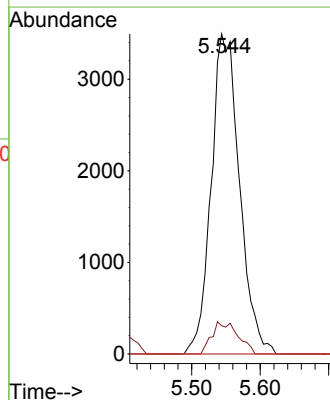
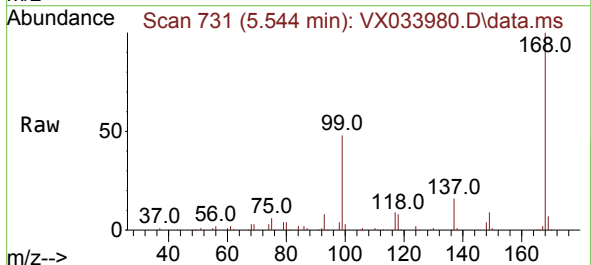
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

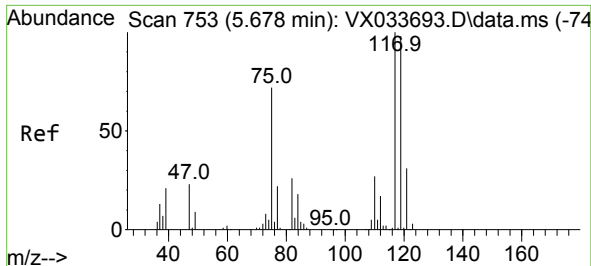
Tgt Ion:113 Resp: 75206
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.6
192 25.3 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

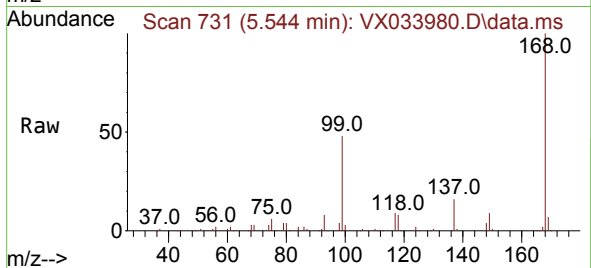
Tgt Ion: 75 Resp: 10009
Ion Ratio Lower Upper
75 100
110 9.2 18.8 56.4#
77 0.0 25.1 37.7#



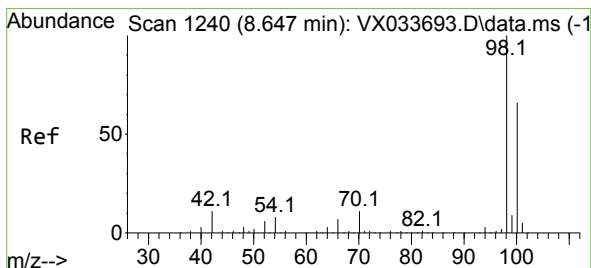
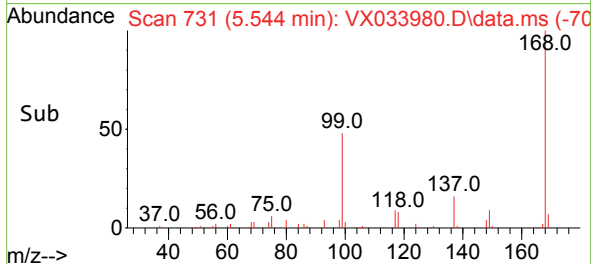
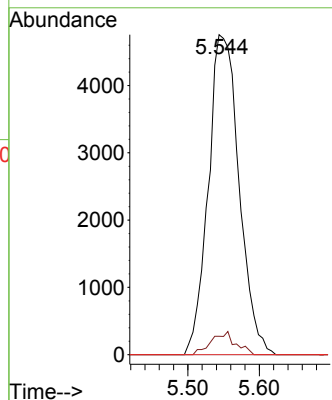


#38
Carbon Tetrachloride
Concen: 6.155 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

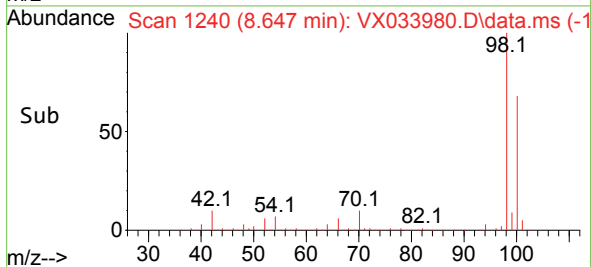
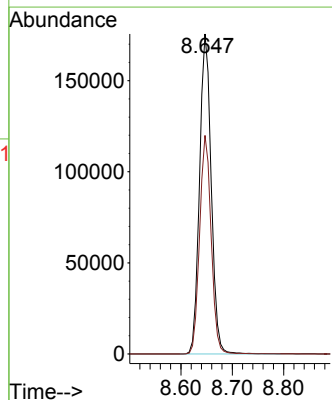
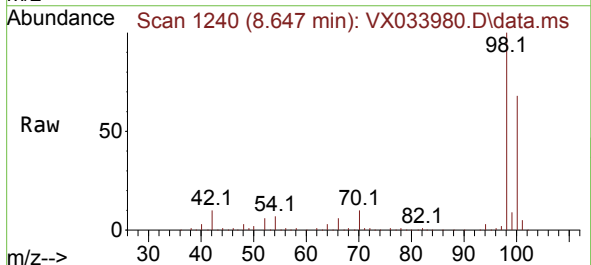


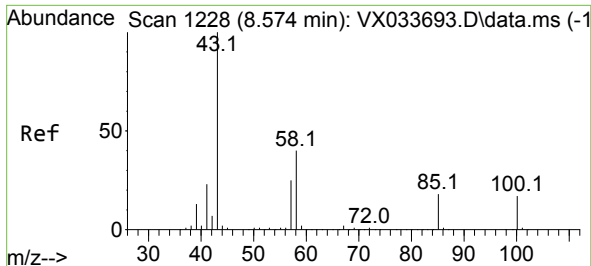
Tgt Ion:117 Resp: 14217
Ion Ratio Lower Upper
117 100
119 5.8 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.701 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Tgt Ion: 98 Resp: 276709
Ion Ratio Lower Upper
98 100
100 67.6 53.6 80.4

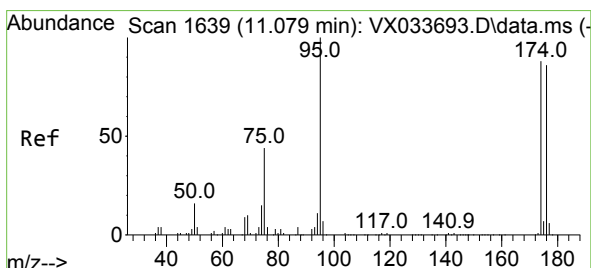
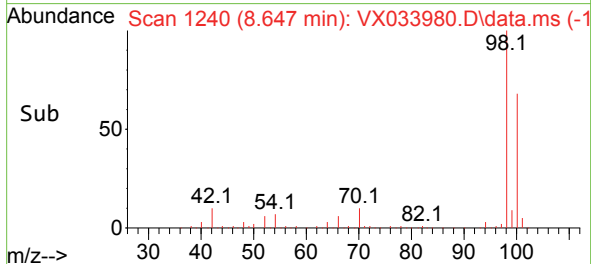
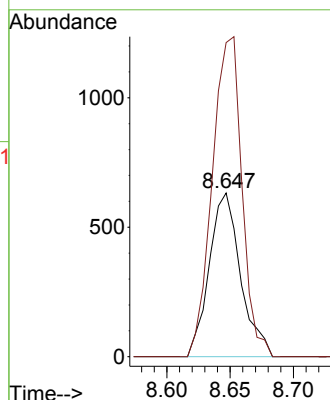
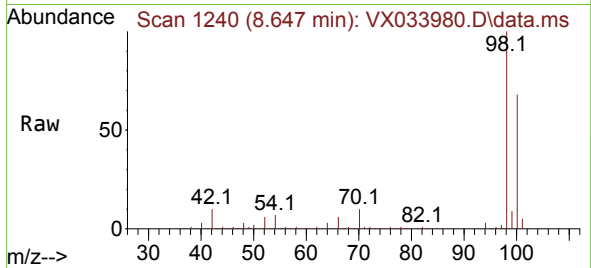




#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

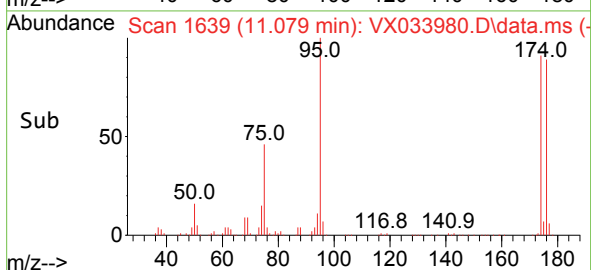
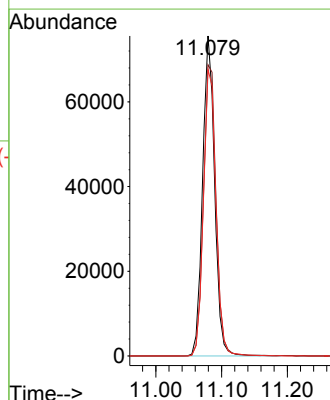
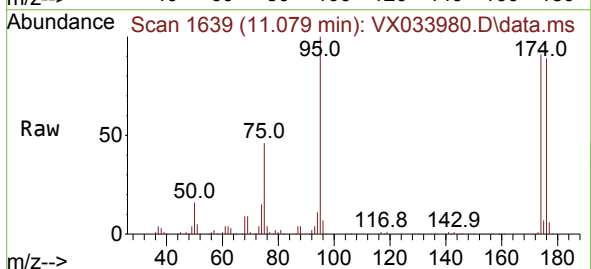
Instrument :
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VX0201WBL01

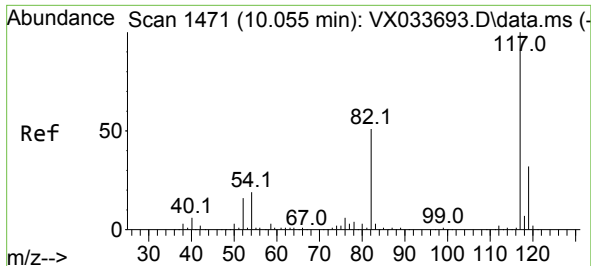
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 185.3 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 46.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Tgt Ion: 95 Resp: 96153
Ion Ratio Lower Upper
95 100
174 95.5 0.0 184.4
176 93.1 0.0 178.8

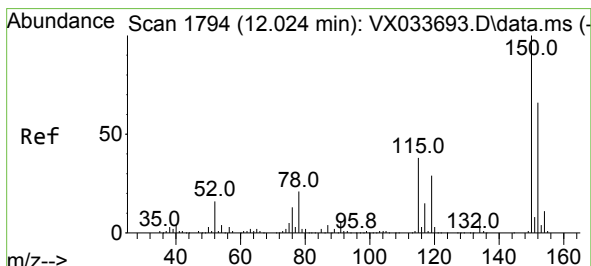
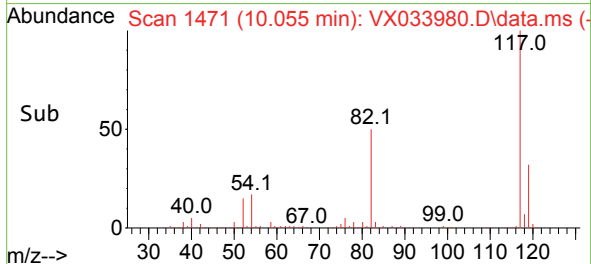
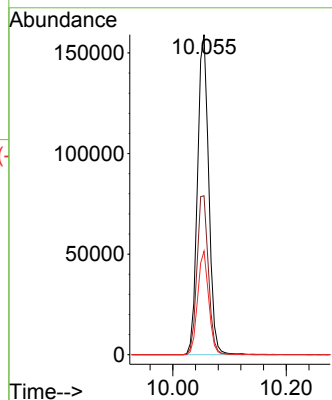
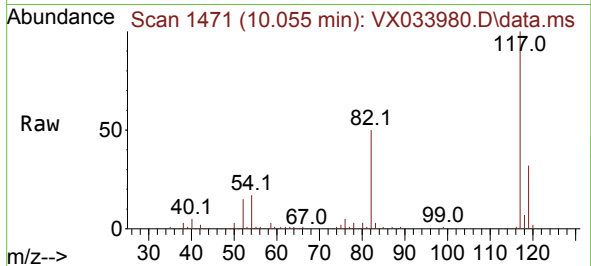




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

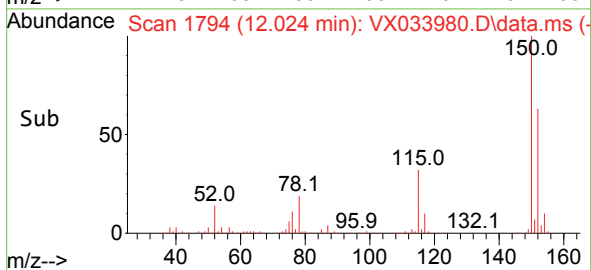
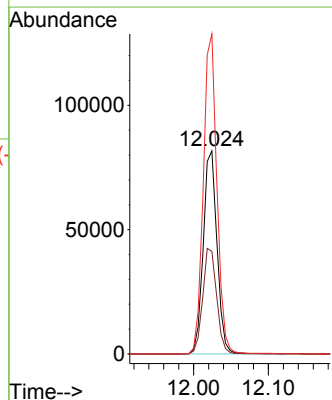
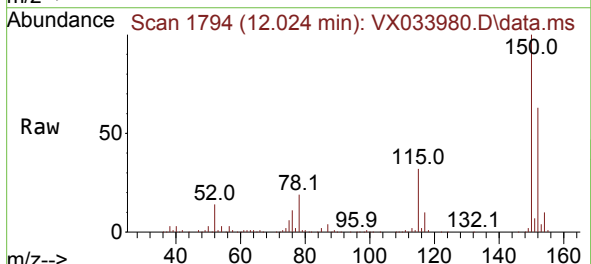
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

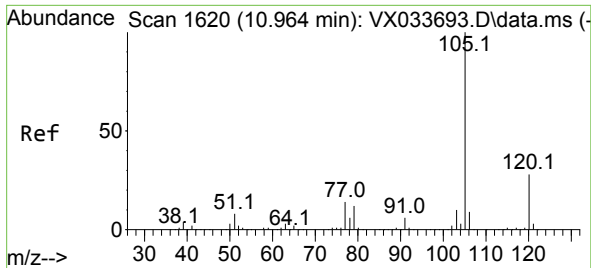
Tgt Ion:117 Resp: 219050
Ion Ratio Lower Upper
117 100
82 49.6 40.6 60.8
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Tgt Ion:152 Resp: 104379
Ion Ratio Lower Upper
152 100
115 52.8 38.7 116.1
150 155.6 0.0 348.2

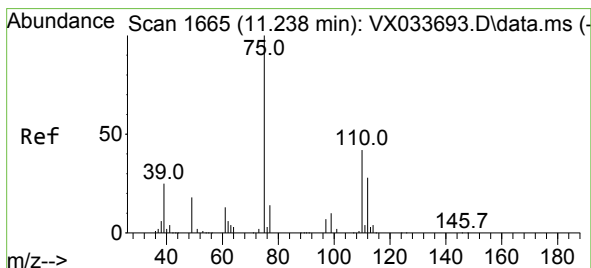
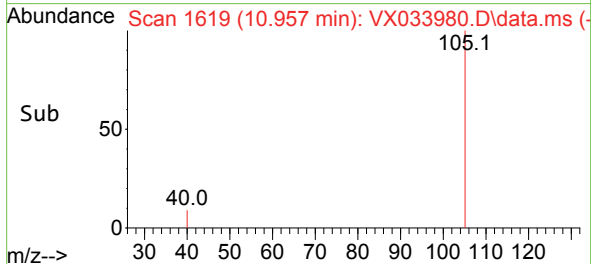
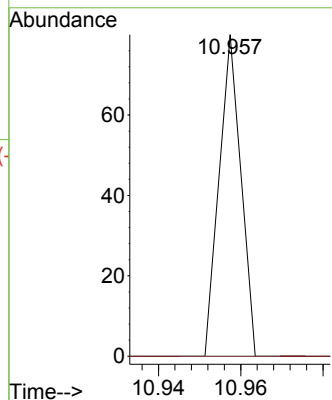
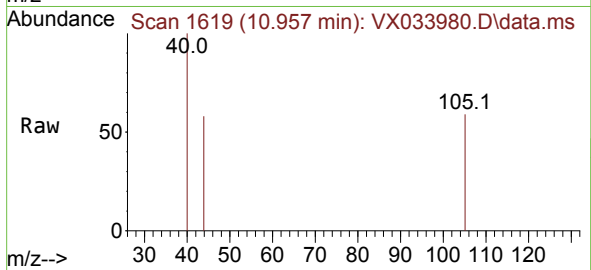




#73
Isopropylbenzene
Concen: Below Cal
RT: 10.957 min Scan# 1619
Delta R.T. -0.007 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

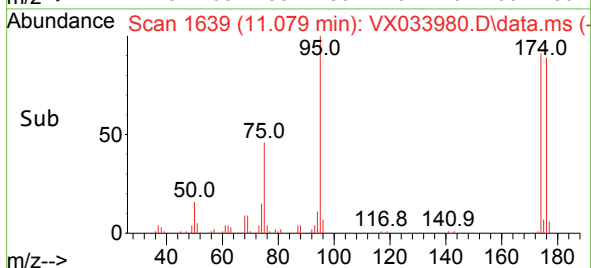
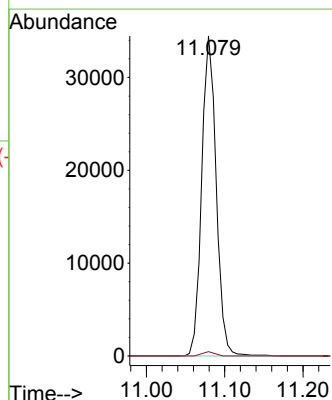
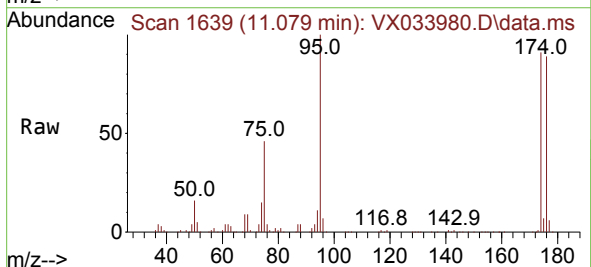
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

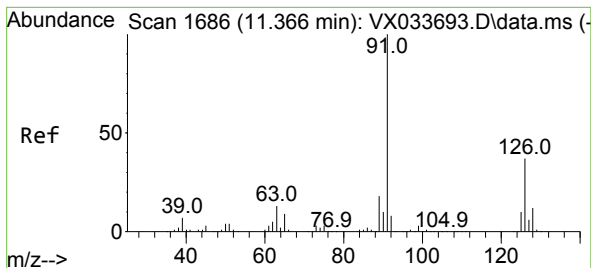
Tgt Ion:105 Resp: 29
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



#76
1,2,3-Trichloropropane
Concen: 23.083 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033980.D
Acq: 01 Feb 2023 11:01

Tgt Ion: 75 Resp: 44269
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#





#79

2-Chlorotoluene

Concen: Below Cal

RT: 11.299 min Scan# 1675

Delta R.T. -0.067 min

Lab File: VX033980.D

Acq: 01 Feb 2023 11:01

Instrument :

MSVOA_X

ClientSampleId :

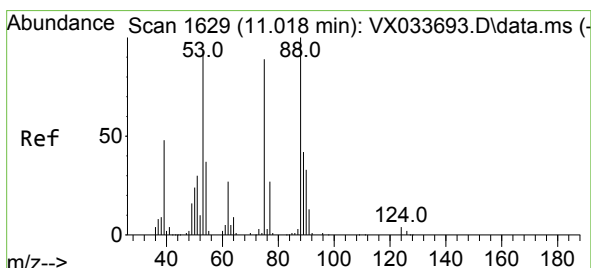
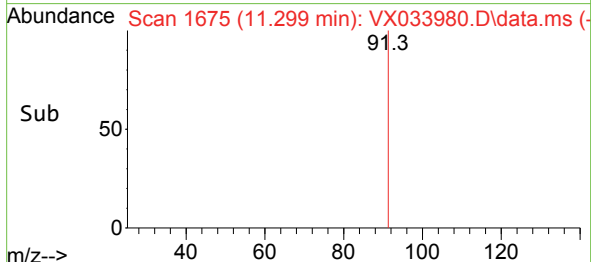
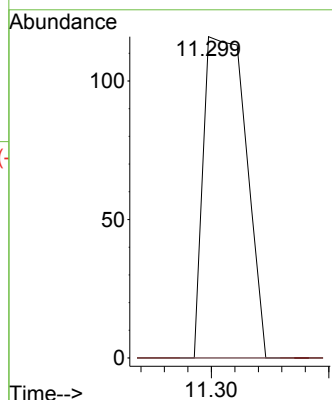
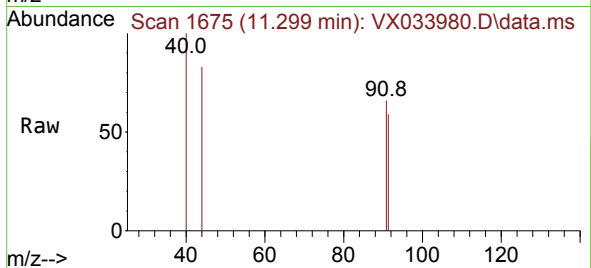
VX0201WBL01

Tgt Ion: 91 Resp: 145

Ion Ratio Lower Upper

91 100

126 0.0 18.1 54.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.740 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033980.D

Acq: 01 Feb 2023 11:01

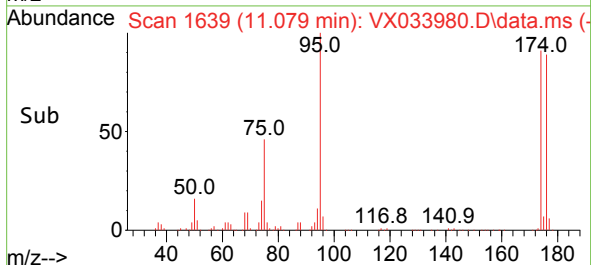
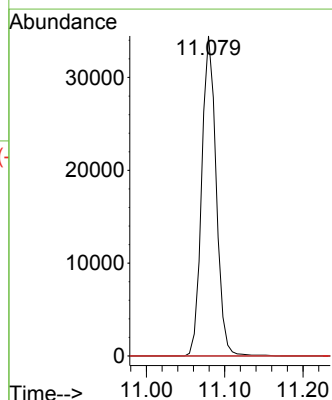
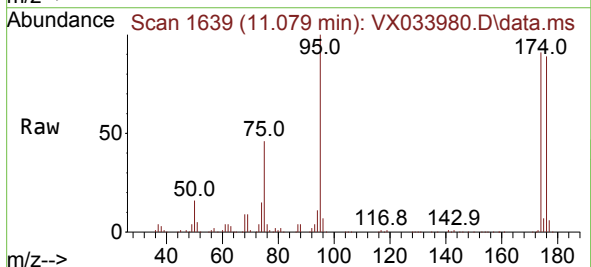
Tgt Ion: 75 Resp: 44269

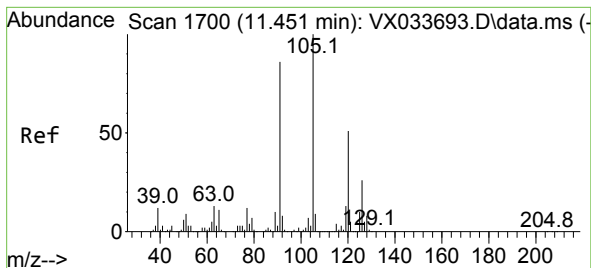
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 11.463 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX033980.D
 Acq: 01 Feb 2023 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBL01

Tgt Ion: 91 Resp: 140
 Ion Ratio Lower Upper
 91 100
 126 0.0 15.8 47.4#

