

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030823\
 Data File : VX034375.D
 Acq On : 08 Mar 2023 10:37
 Operator : JC/MD
 Sample : VX0308WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBL01

Quant Time: Mar 09 03:56:03 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)

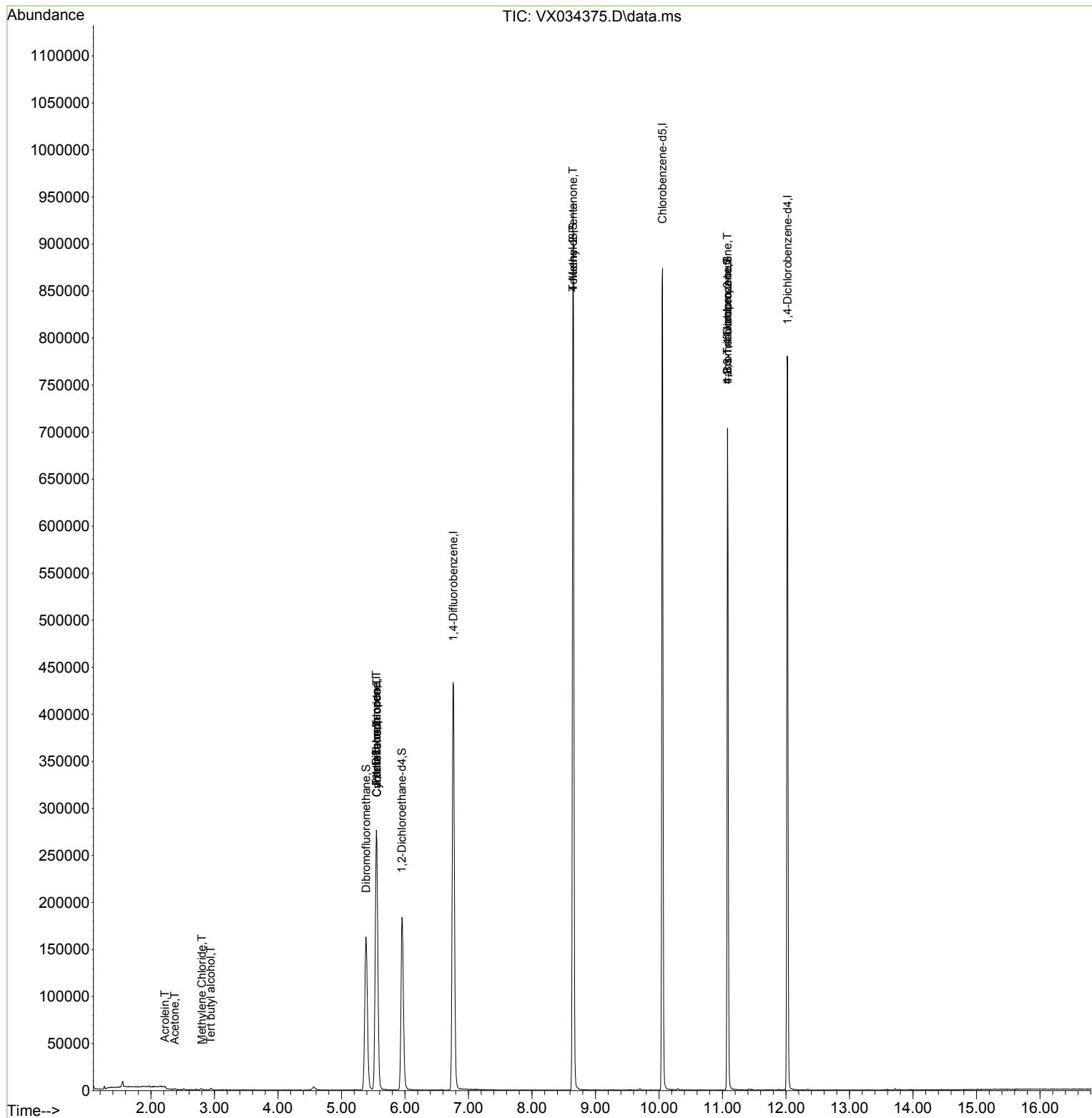
Internal Standards						
1) Pentafluorobenzene	5.550	168	267479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	397522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169962	47.181	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	94.360%	
35) Dibromofluoromethane	5.385	113	142196	47.916	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	95.840%	
50) Toluene-d8	8.647	98	543461	51.006	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	102.020%	
62) 4-Bromofluorobenzene	11.079	95	185926	45.620	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	91.240%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	222	Below Cal	#	3
11) Tert butyl alcohol	2.941	59	1061	1.317	ug/l #	86
13) Acrolein	2.221	56	132	0.359	ug/l #	82
16) Acetone	2.374	43	847	0.456	ug/l #	76
20) Methylene Chloride	2.800	84	687	0.205	ug/l #	69
31) Cyclohexane	5.556	56	6036	1.122	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	20089	4.577	ug/l #	49
38) Carbon Tetrachloride	5.556	117	26259	5.814	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2725	0.572	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	91319	21.580	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	91319	55.438	ug/l #	8

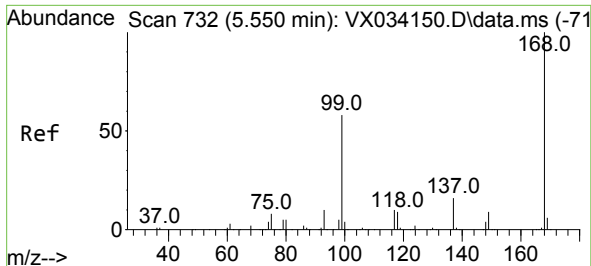
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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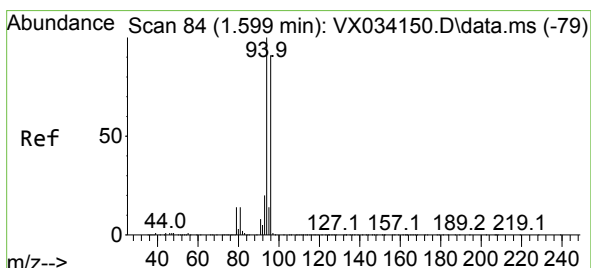
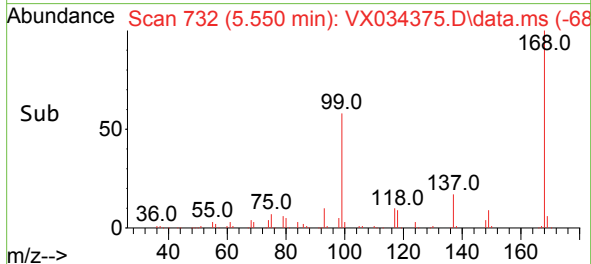
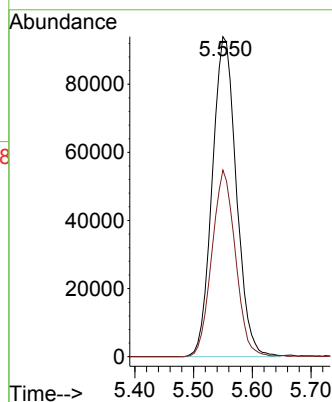
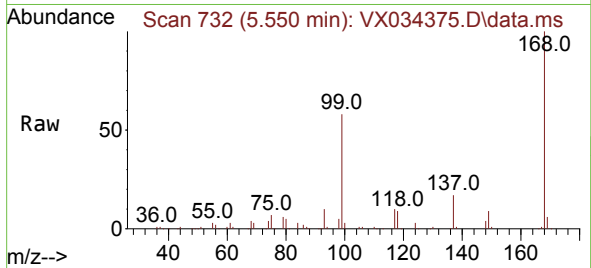




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

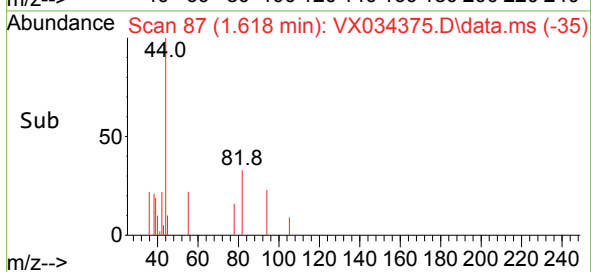
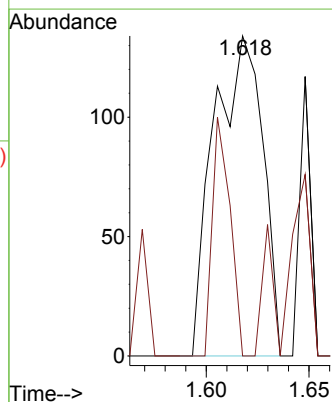
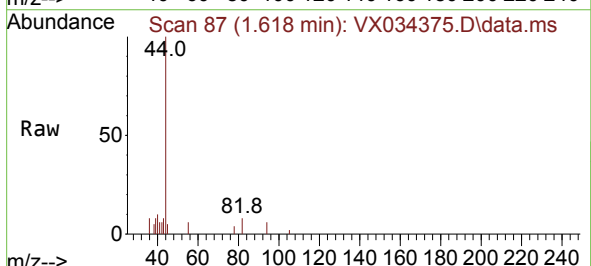
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

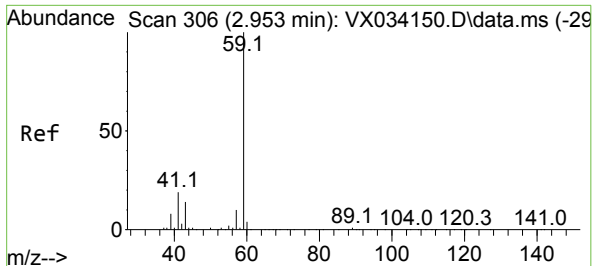
Tgt Ion:168 Resp: 267479
Ion Ratio Lower Upper
168 100
99 58.3 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

Tgt Ion: 94 Resp: 222
Ion Ratio Lower Upper
94 100
96 0.0 74.3 111.5#





#11

Tert butyl alcohol

Concen: 1.317 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX034375.D

Acq: 08 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

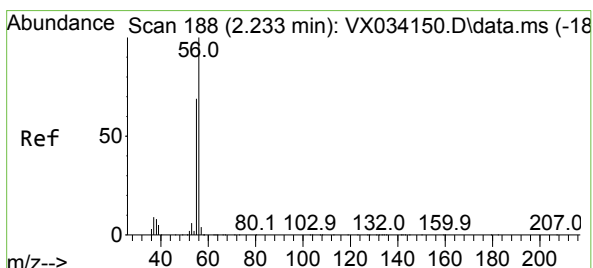
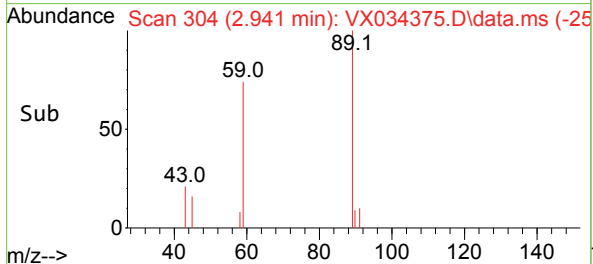
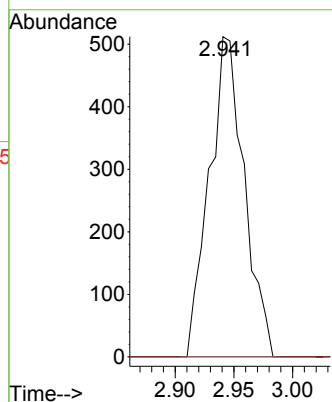
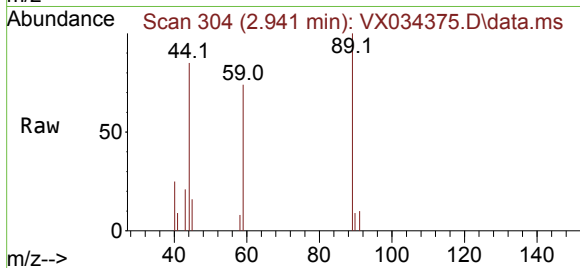
VX0308WBL01

Tgt Ion: 59 Resp: 1061

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#13

Acrolein

Concen: 0.359 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX034375.D

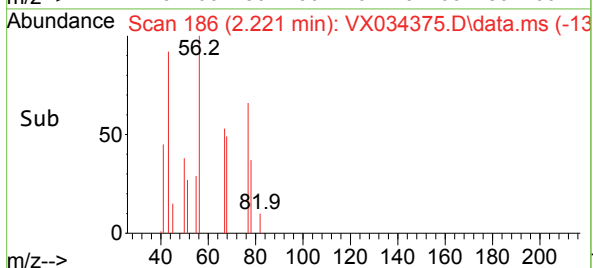
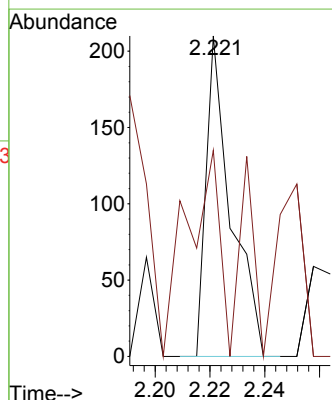
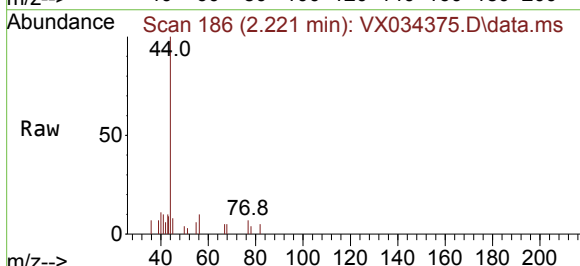
Acq: 08 Mar 2023 10:37

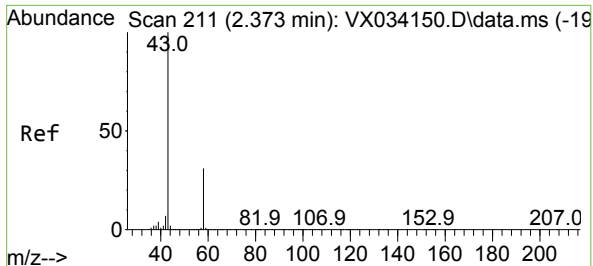
Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

55 85.6 56.3 84.5#

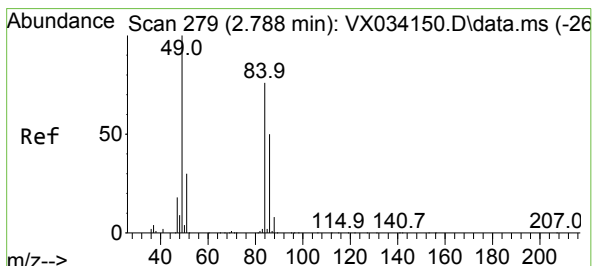
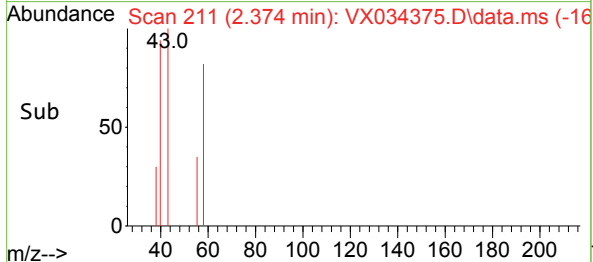
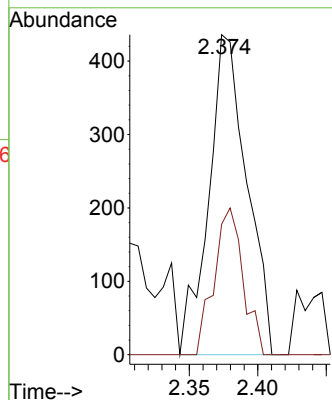
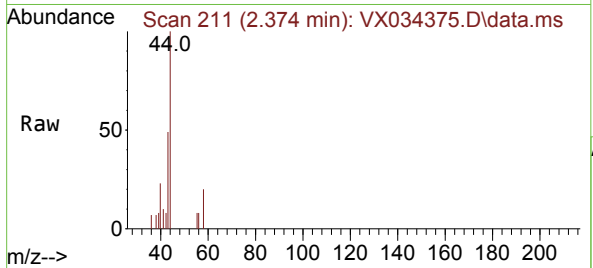




#16
Acetone
Concen: 0.456 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

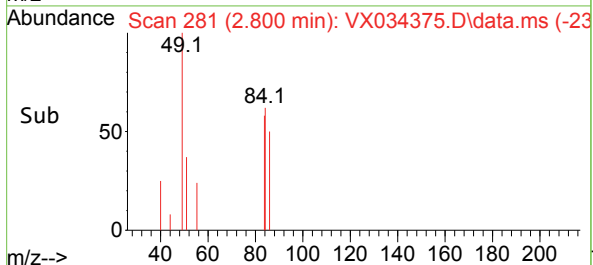
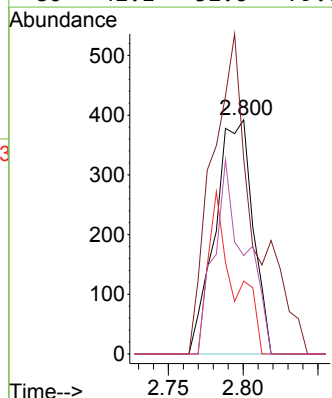
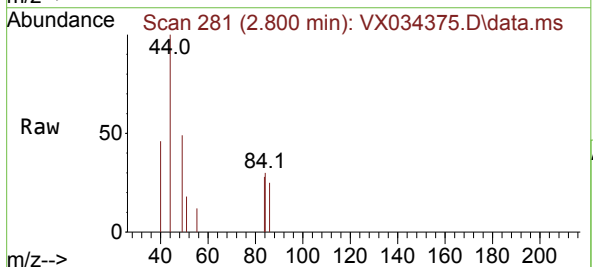
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

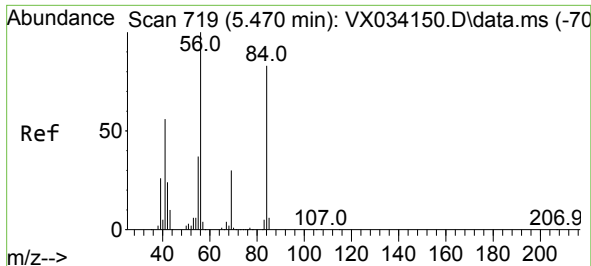
Tgt Ion: 43 Resp: 847
Ion Ratio Lower Upper
43 100
58 40.8 22.6 33.8#



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

Tgt Ion: 84 Resp: 687
Ion Ratio Lower Upper
84 100
49 83.4 101.1 151.7#
51 31.1 31.0 46.6
86 42.1 52.6 79.0#

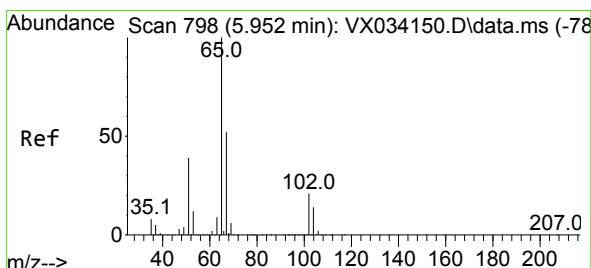
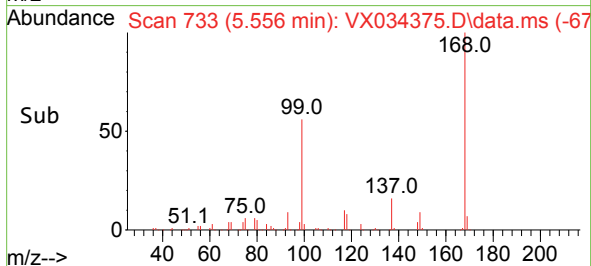
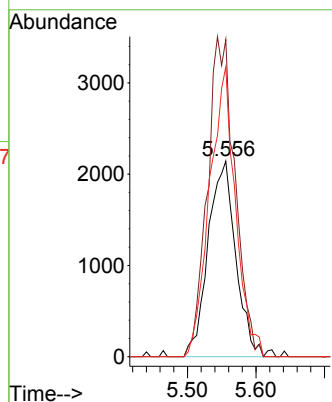
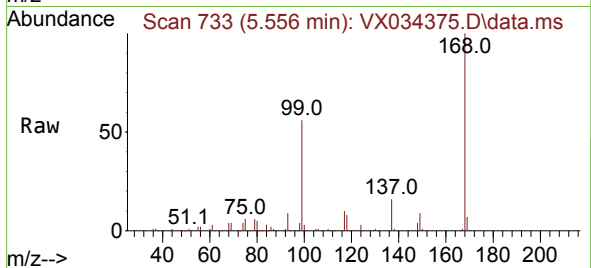




#31
Cyclohexane
Concen: 1.122 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

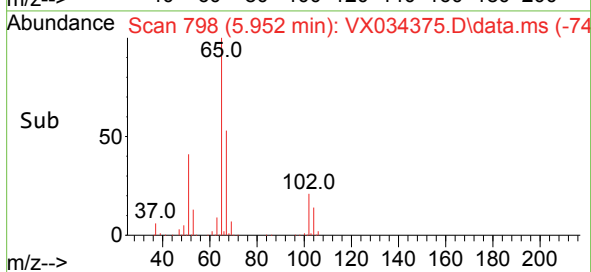
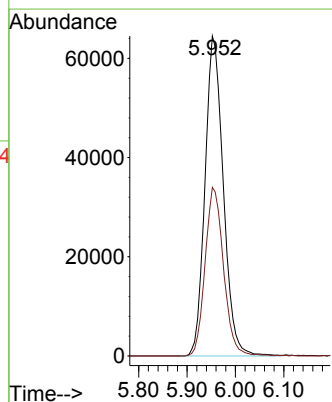
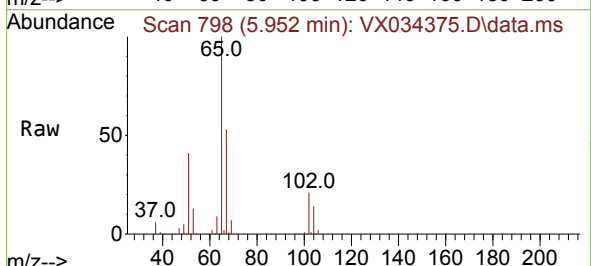
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

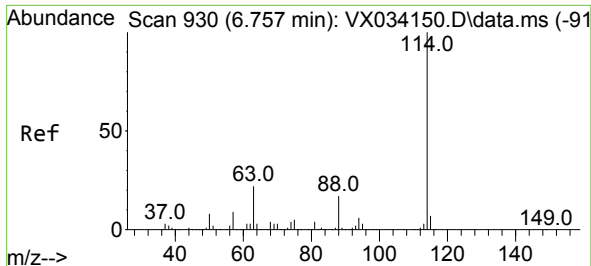
Tgt Ion: 56 Resp: 6036
Ion Ratio Lower Upper
56 100
69 162.2 24.6 37.0#
84 148.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 47.181 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

Tgt Ion: 65 Resp: 169962
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.006 min

Lab File: VX034375.D

Acq: 08 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

VX0308WBL01

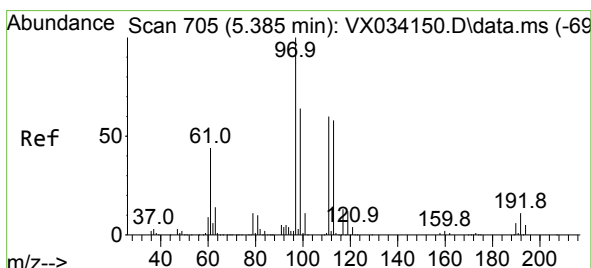
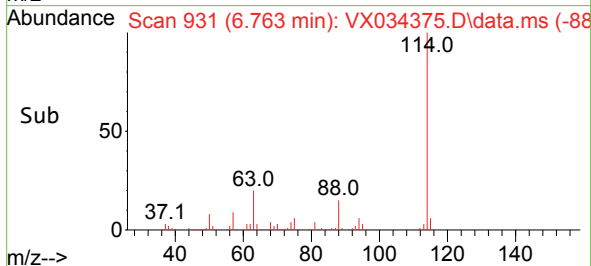
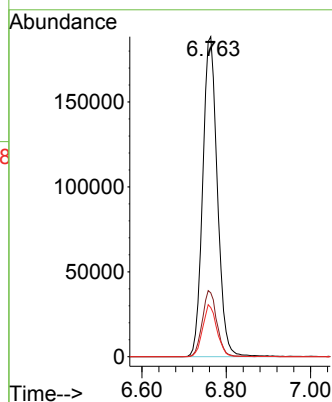
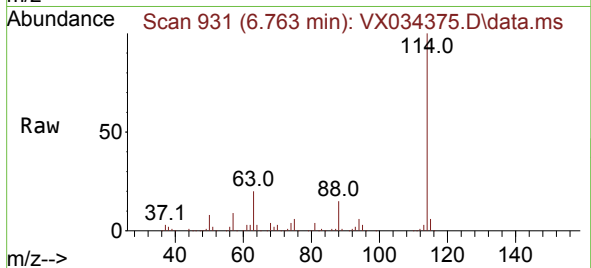
Tgt Ion:114 Resp: 455791

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.916 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX034375.D

Acq: 08 Mar 2023 10:37

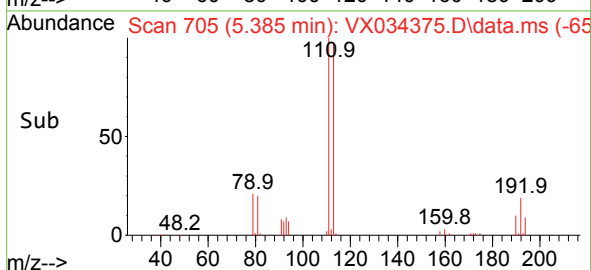
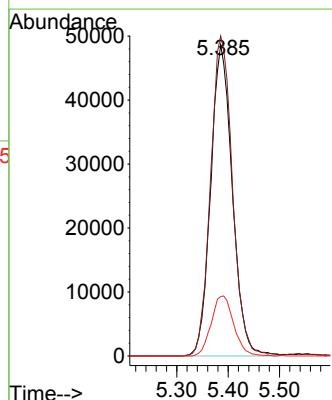
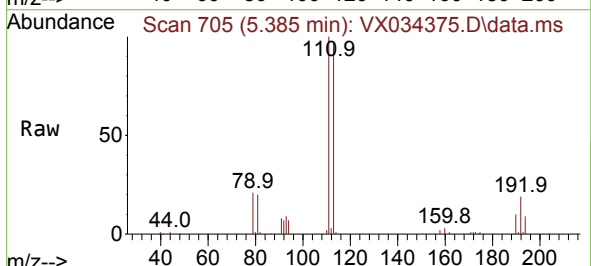
Tgt Ion:113 Resp: 142196

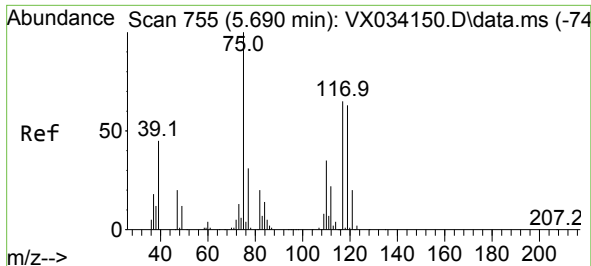
Ion Ratio Lower Upper

113 100

111 104.0 83.0 124.6

192 20.1 19.0 28.4

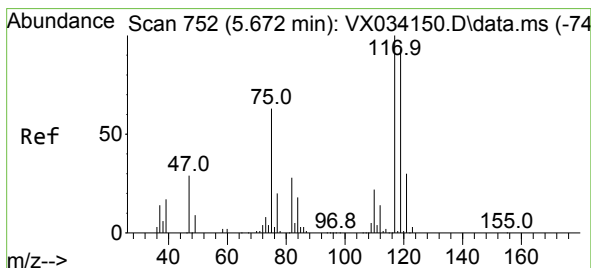
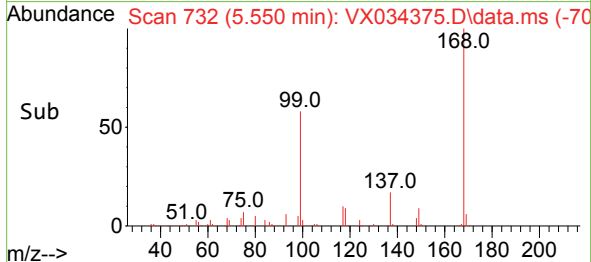
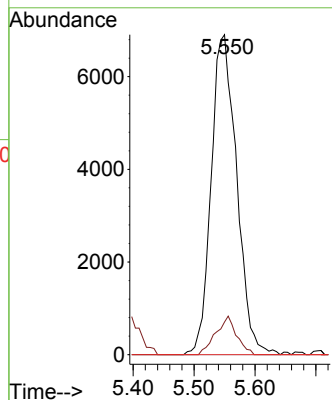
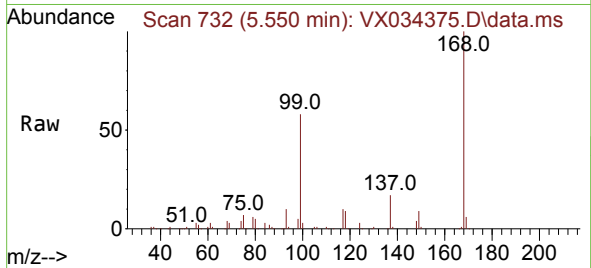




#36
1,1-Dichloropropene
Concen: 4.577 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

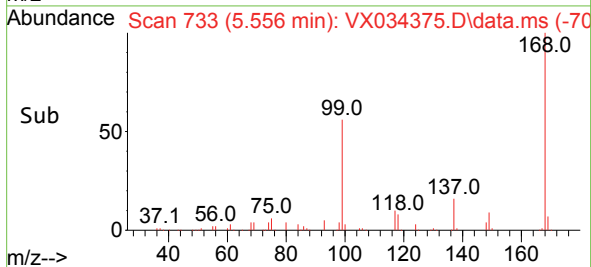
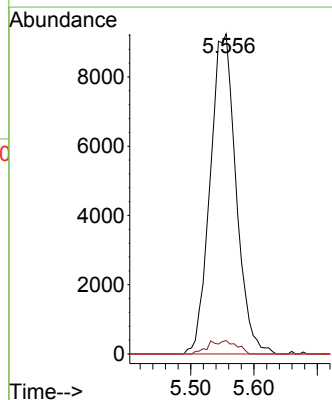
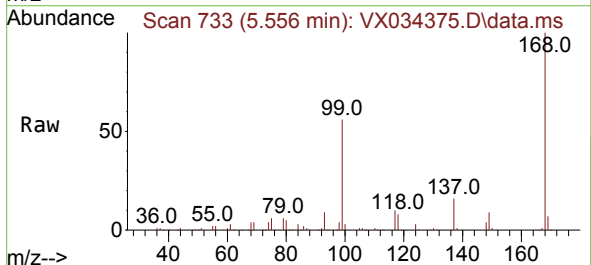
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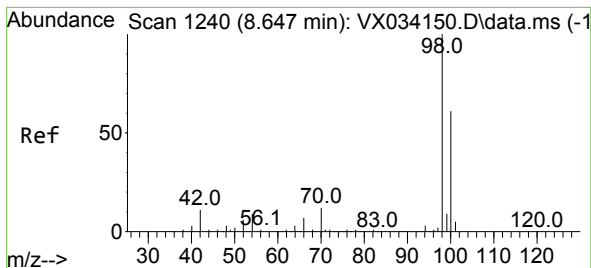
Tgt Ion: 75 Resp: 20089
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.814 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

Tgt Ion: 117 Resp: 26259
Ion Ratio Lower Upper
117 100
119 4.2 78.0 117.0#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 51.006 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034375.D

Acq: 08 Mar 2023 10:37

Instrument :

MSVOA_X

ClientSampleId :

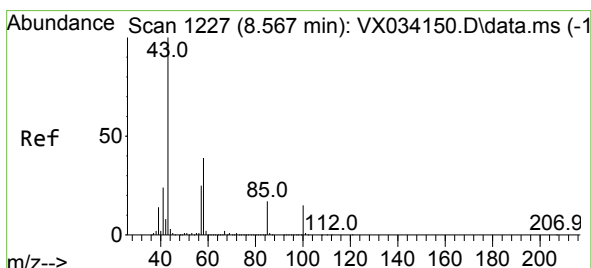
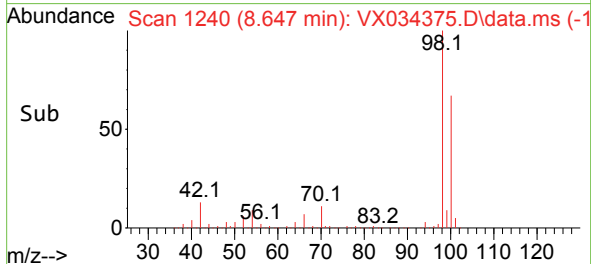
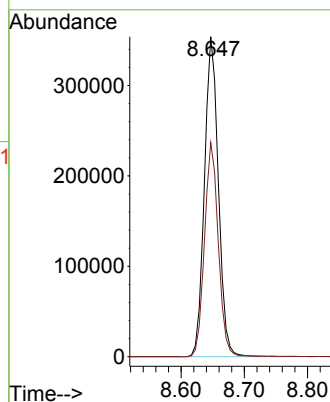
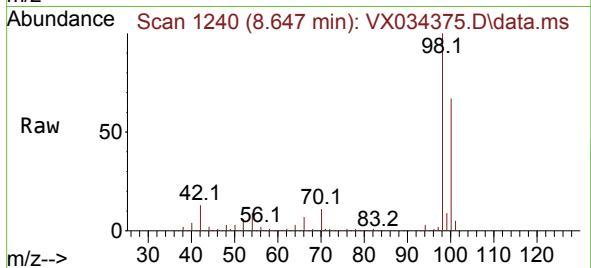
VX0308WBL01

Tgt Ion: 98 Resp: 543461

Ion Ratio Lower Upper

98 100

100 66.1 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.572 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034375.D

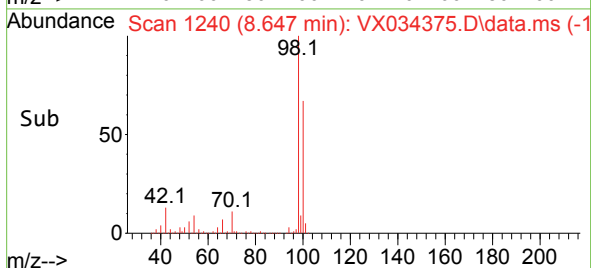
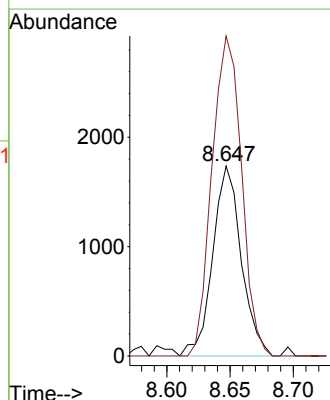
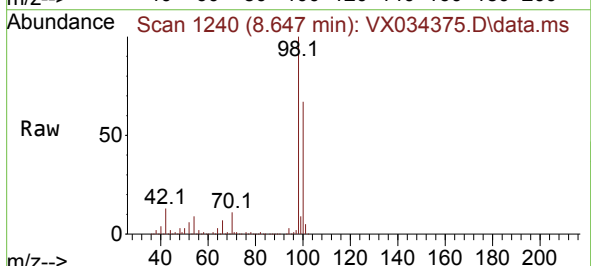
Acq: 08 Mar 2023 10:37

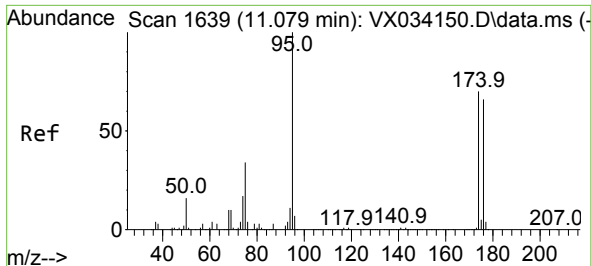
Tgt Ion: 43 Resp: 2725

Ion Ratio Lower Upper

43 100

58 174.5 31.2 46.8#

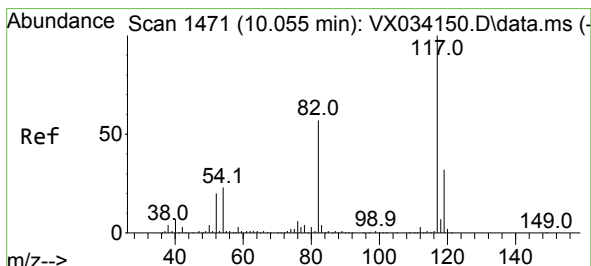
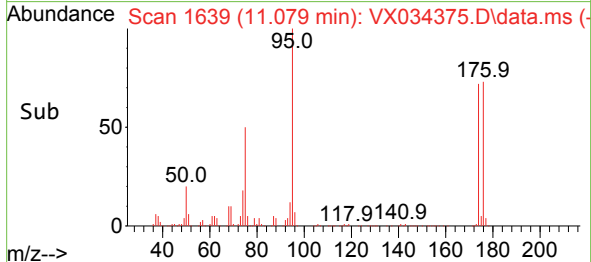
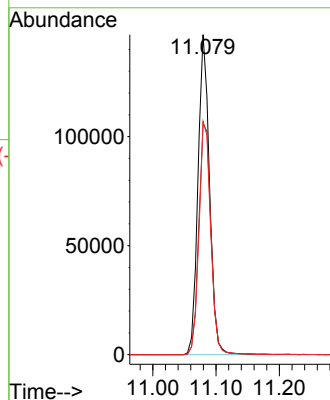
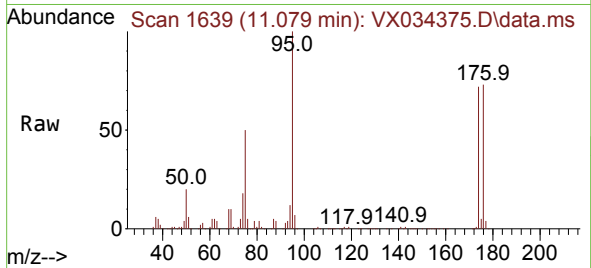




#62
4-Bromofluorobenzene
Concen: 45.620 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

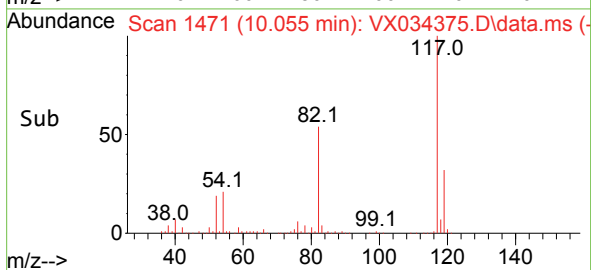
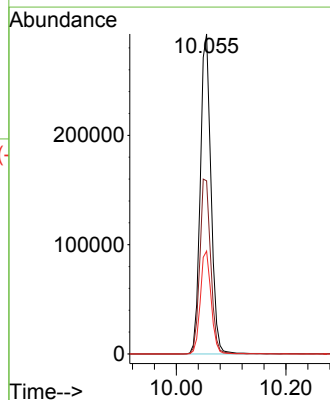
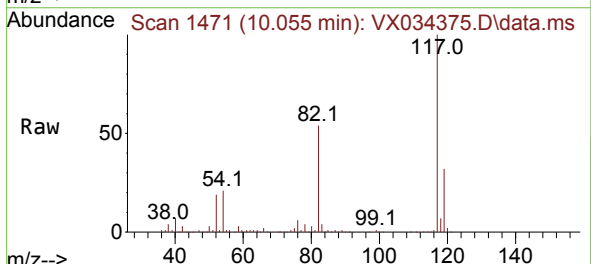
Instrument :
MSVOA_X
ClientSampleId :
VX0308WBL01

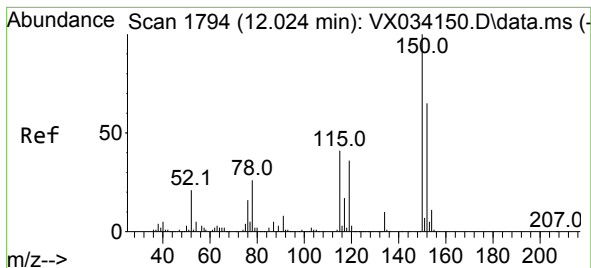
Tgt Ion: 95 Resp: 185926
Ion Ratio Lower Upper
95 100
174 77.0 0.0 184.4
176 74.2 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034375.D
Acq: 08 Mar 2023 10:37

Tgt Ion: 117 Resp: 397522
Ion Ratio Lower Upper
117 100
82 54.1 40.6 60.8
119 32.1 25.6 38.4

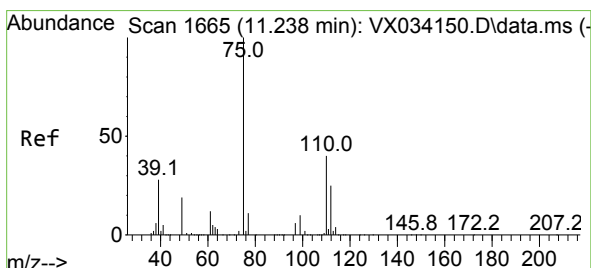
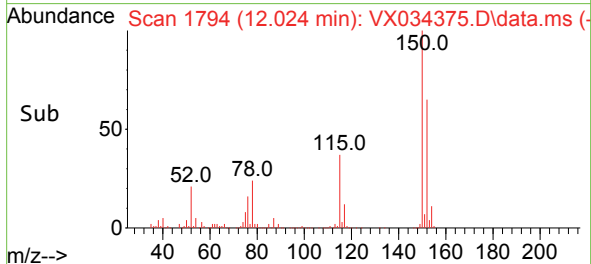
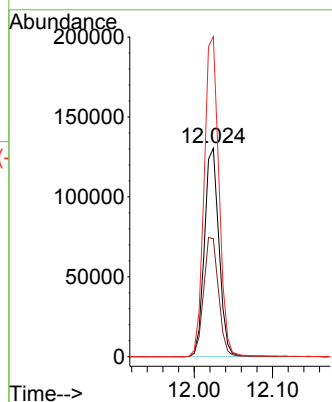
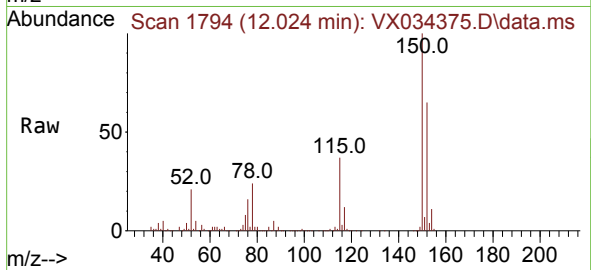




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX034375.D
 Acq: 08 Mar 2023 10:37

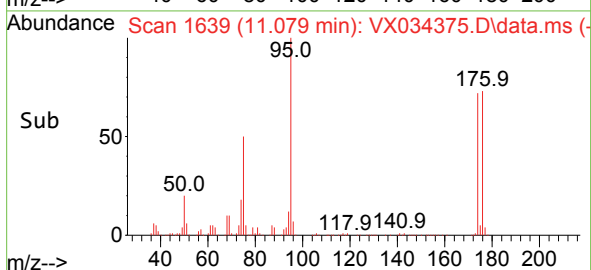
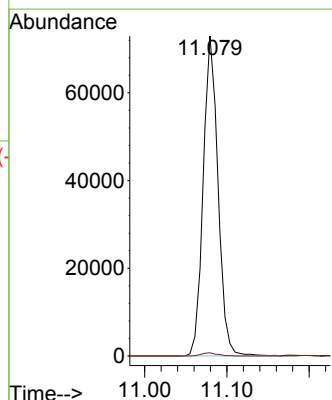
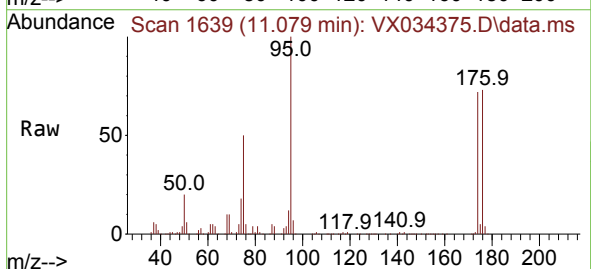
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBL01

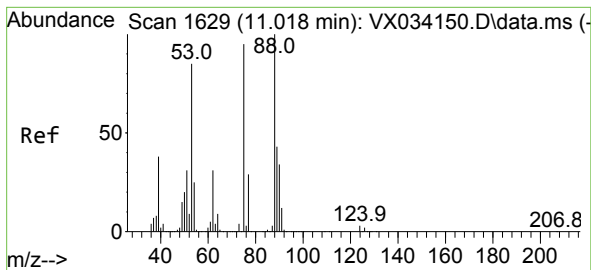
Tgt Ion:152 Resp: 168167
 Ion Ratio Lower Upper
 152 100
 115 58.9 38.7 116.1
 150 156.7 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 21.580 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034375.D
 Acq: 08 Mar 2023 10:37

Tgt Ion: 75 Resp: 91319
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.8 65.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.438 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034375.D
 Acq: 08 Mar 2023 10:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0308WBL01

Tgt Ion: 75 Resp: 91319
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.0 124.6#
 89 0.0 37.7 56.5#

