

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111723\
 Data File : VX038895.D
 Acq On : 17 Nov 2023 23:39
 Operator : JC/MD
 Sample : VX1117WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 18 01:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

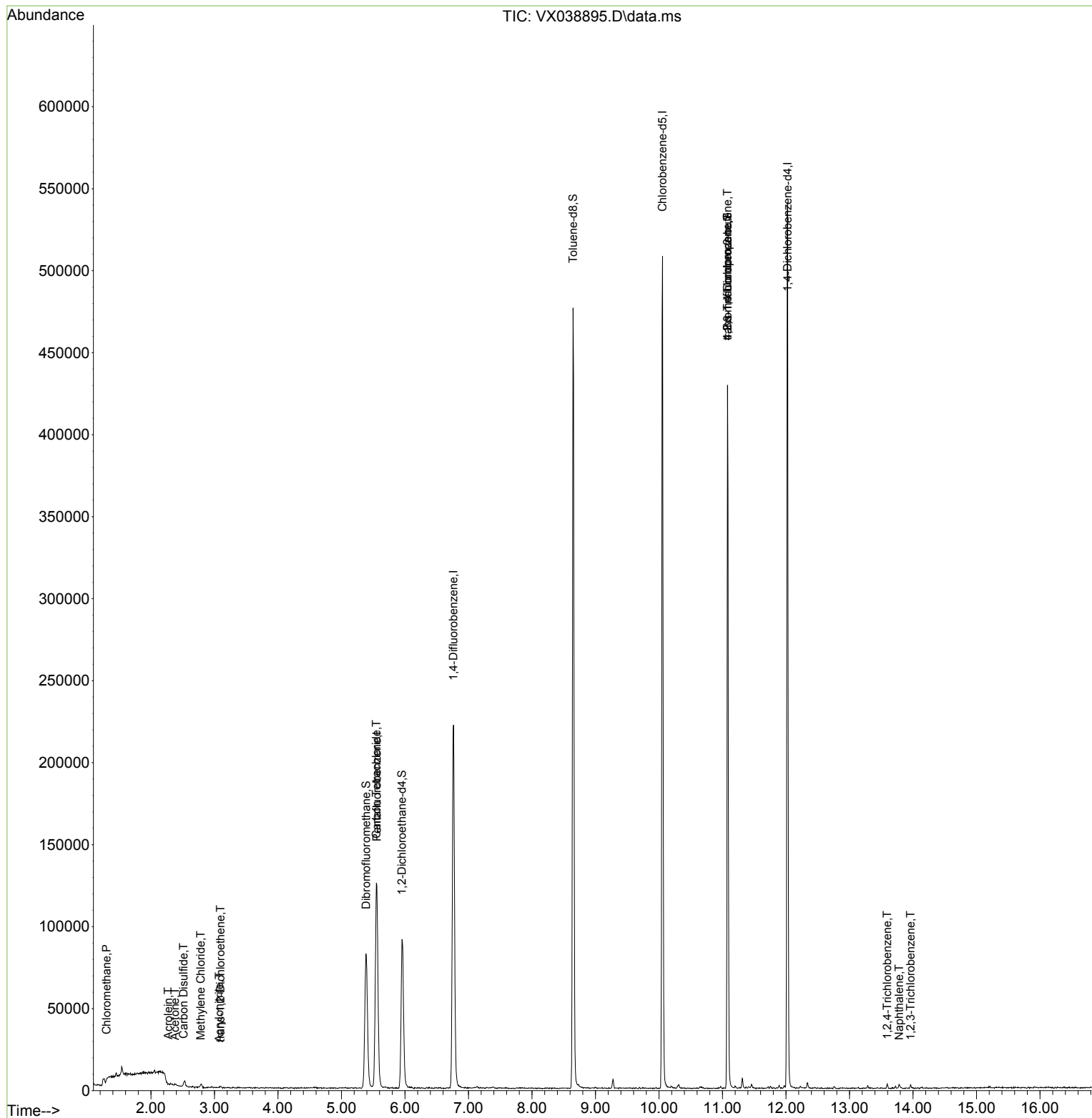
Internal Standards						
1) Pentafluorobenzene	5.556	168	114657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87898	47.576	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.160%
35) Dibromofluoromethane	5.385	113	72828	44.361	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.720%
50) Toluene-d8	8.647	98	287865	45.829	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.660%#
62) 4-Bromofluorobenzene	11.079	95	118897	47.285	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	590	0.338	ug/l #	71
13) Acrolein	2.270	56	69	0.254	ug/l #	1
15) Acrylonitrile	3.075	53	349	0.321	ug/l #	52
16) Acetone	2.380	43	1668	1.696	ug/l #	88
17) Carbon Disulfide	2.514	76	1656	0.374	ug/l #	78
20) Methylene Chloride	2.782	84	971	0.548	ug/l #	72
21) trans-1,2-Dichloroethene	3.093	96	325	0.206	ug/l #	41
38) Carbon Tetrachloride	5.550	117	12456	5.728	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	62899	22.964	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	62899	50.937	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	701	0.293	ug/l	94
95) Naphthalene	13.780	128	1816	0.204	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	539	0.238	ug/l	95

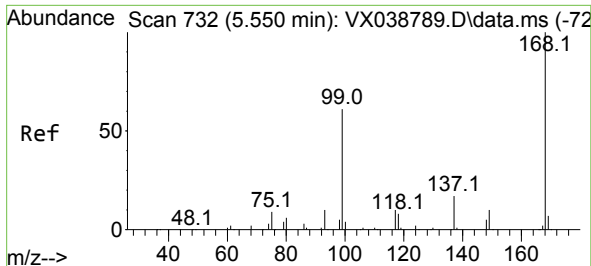
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
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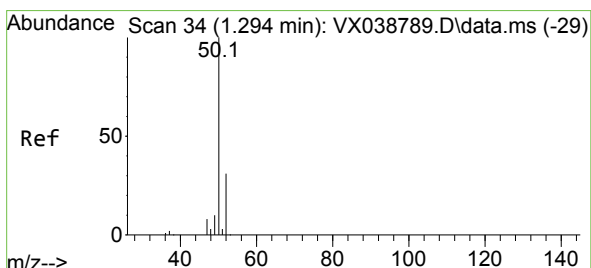
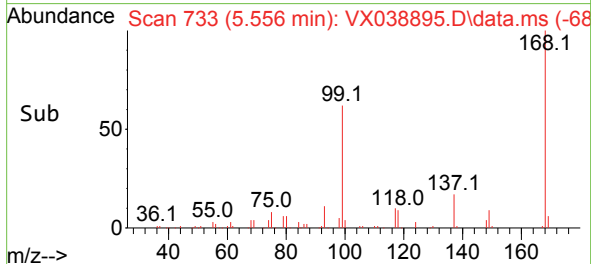
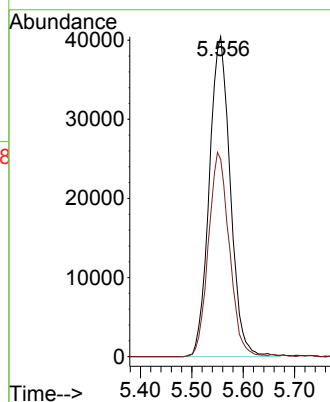
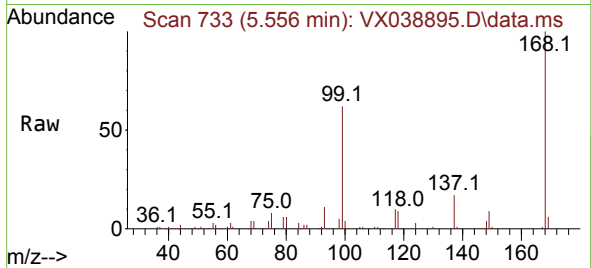




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

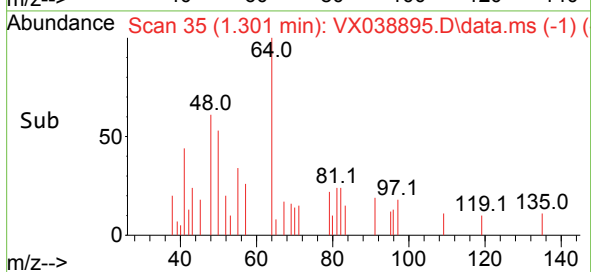
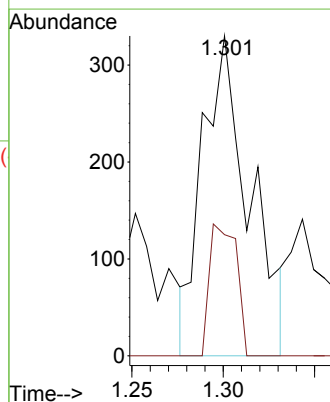
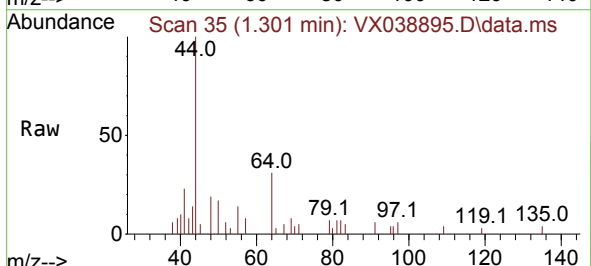
Instrument :
MSVOA_X
ClientSampleId :

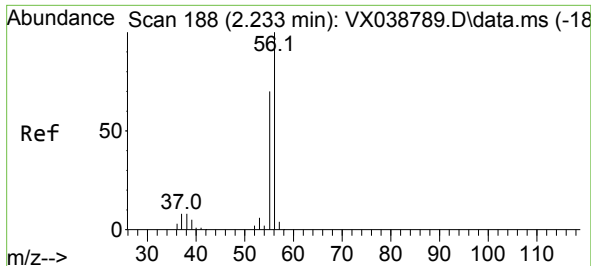
Tgt Ion:168 Resp: 114657
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#3
Chloromethane
Concen: 0.338 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion: 50 Resp: 590
Ion Ratio Lower Upper
50 100
52 48.3 25.5 38.3#





#13

Acrolein

Concen: 0.254 ug/l

RT: 2.270 min Scan# 194

Delta R.T. 0.037 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

Instrument :

MSVOA_X

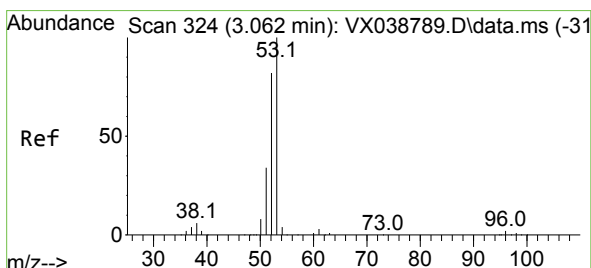
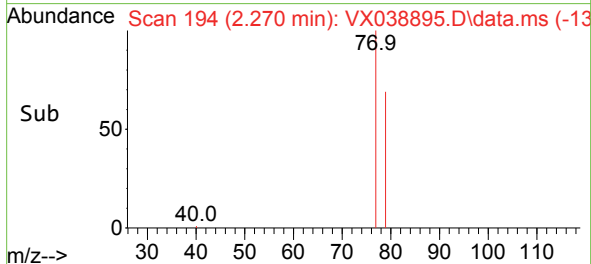
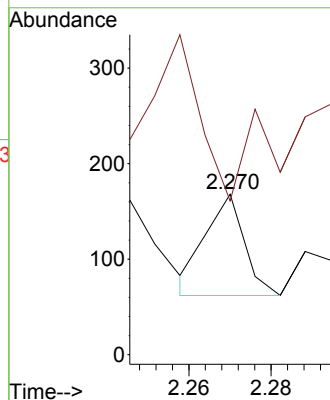
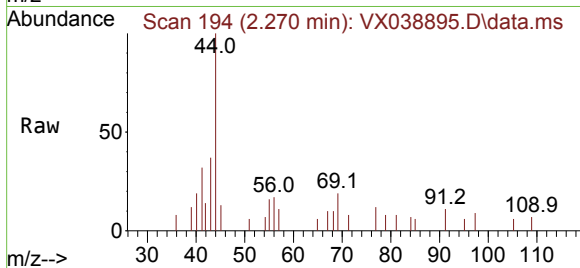
ClientSampleId :

Tgt Ion: 56 Resp: 69

Ion Ratio Lower Upper

56 100

55 187.0 57.1 85.7#



#15

Acrylonitrile

Concen: 0.321 ug/l

RT: 3.075 min Scan# 326

Delta R.T. 0.012 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

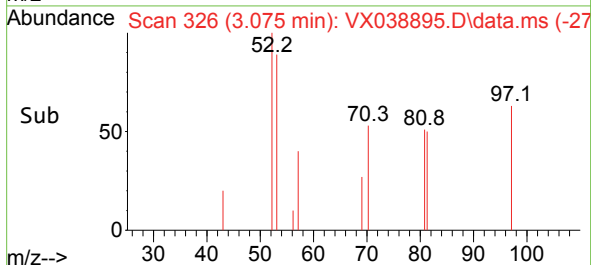
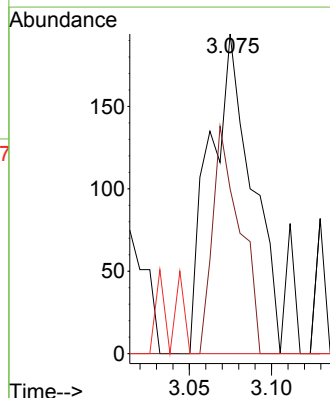
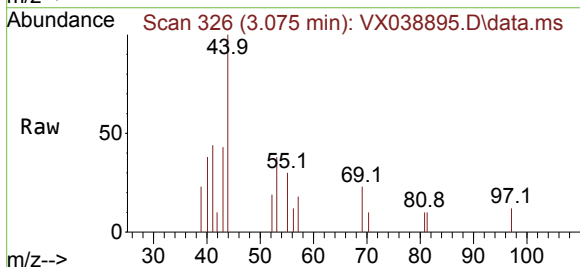
Tgt Ion: 53 Resp: 349

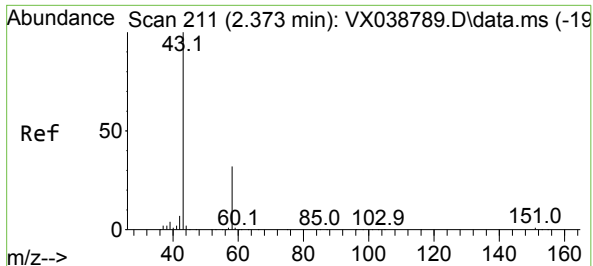
Ion Ratio Lower Upper

53 100

52 45.6 66.0 99.0#

51 0.0 29.8 44.6#

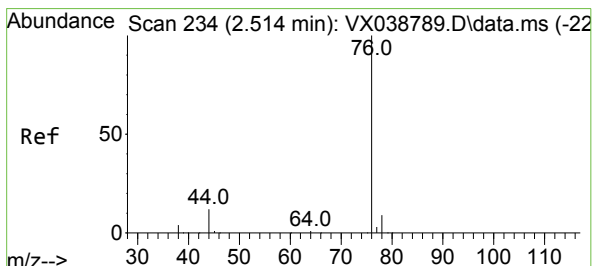
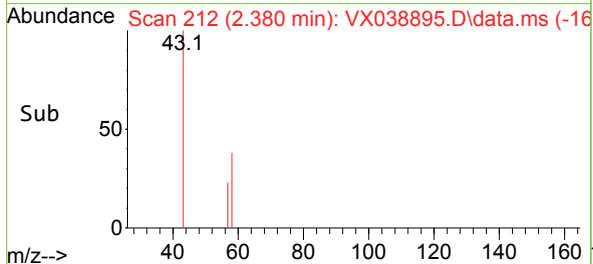
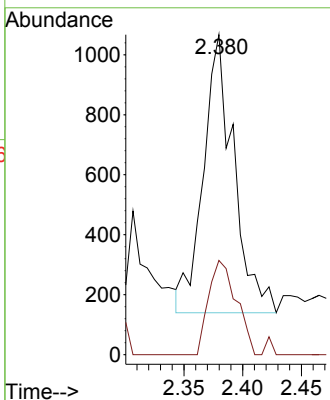
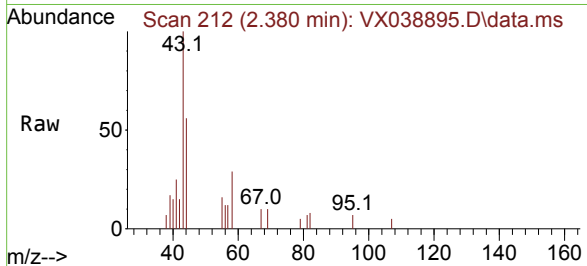




#16
Acetone
Concen: 1.696 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

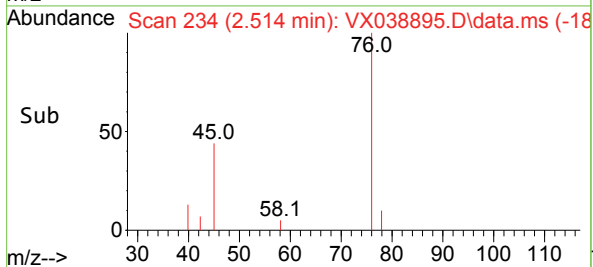
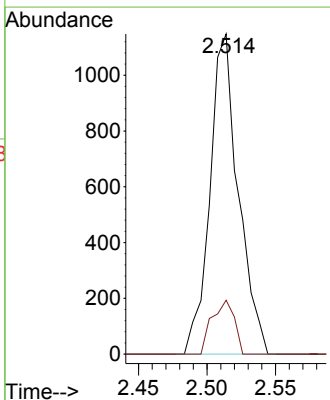
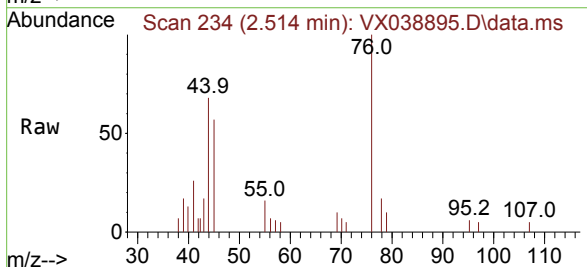
Instrument :
MSVOA_X
ClientSampleId :

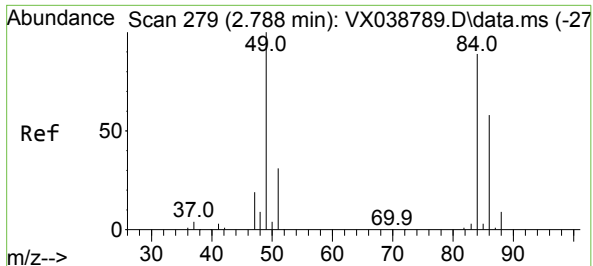
Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 33.9 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

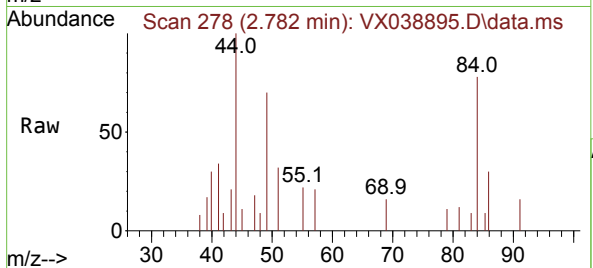
Tgt Ion: 76 Resp: 1656
Ion Ratio Lower Upper
76 100
78 16.8 7.0 10.6#





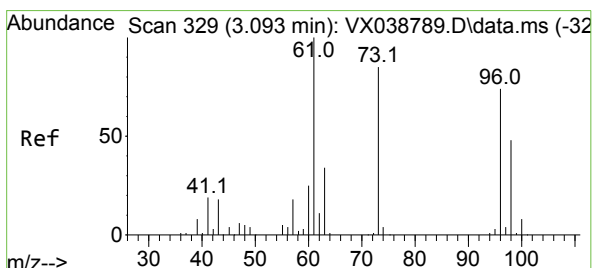
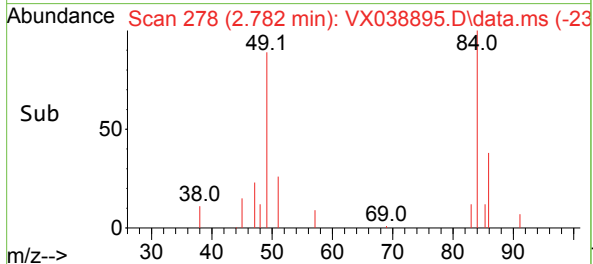
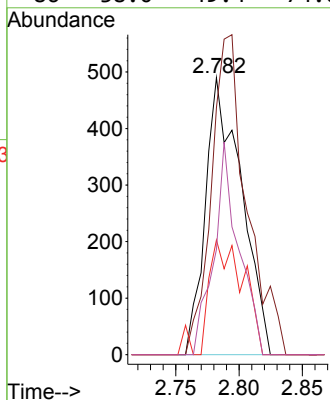
#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 971

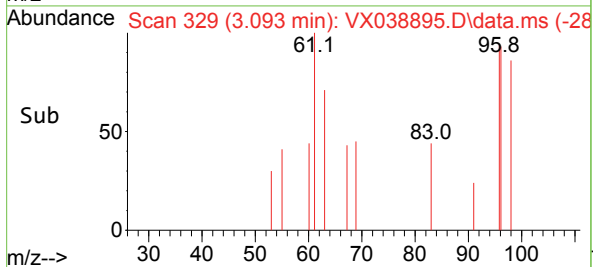
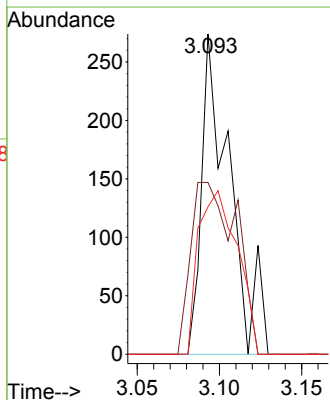
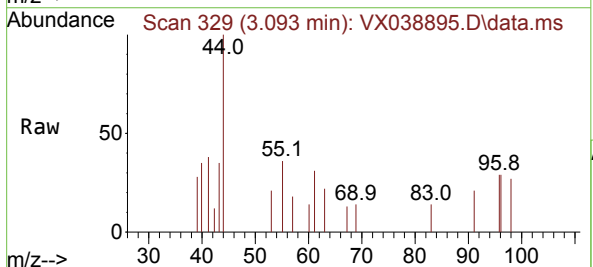
Ion	Ratio	Lower	Upper
84	100		
49	89.2	103.6	155.4#
51	41.4	33.8	50.6
86	38.0	49.4	74.0#

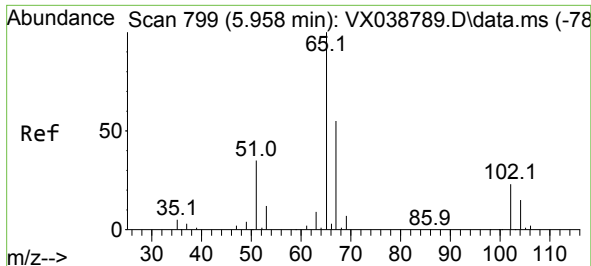


#21
trans-1,2-Dichloroethene
Concen: 0.206 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion: 96 Resp: 325

Ion	Ratio	Lower	Upper
96	100		
61	53.6	119.2	178.8#
98	46.0	48.7	73.1#





#33

1,2-Dichloroethane-d4

Concen: 47.576 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

Instrument :

MSVOA_X

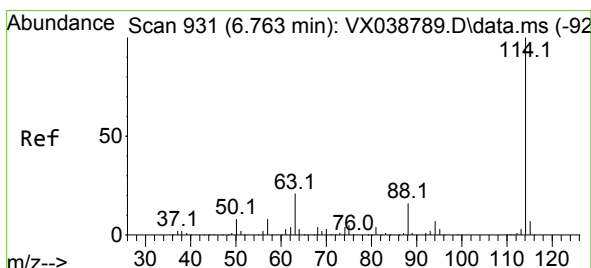
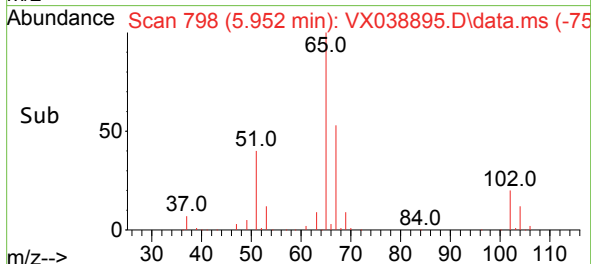
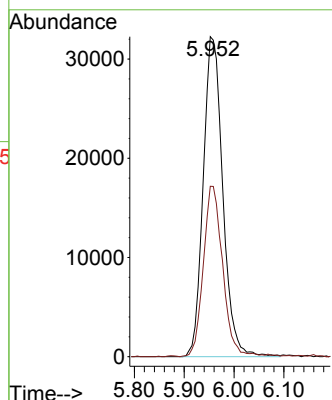
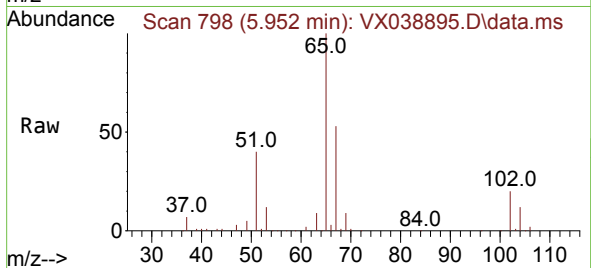
ClientSampleId :

Tgt Ion: 65 Resp: 87898

Ion Ratio Lower Upper

65 100

67 52.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

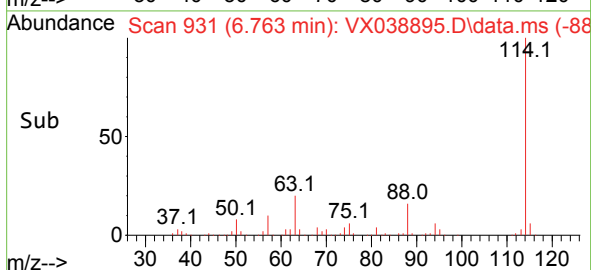
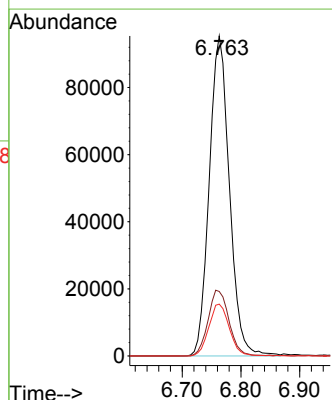
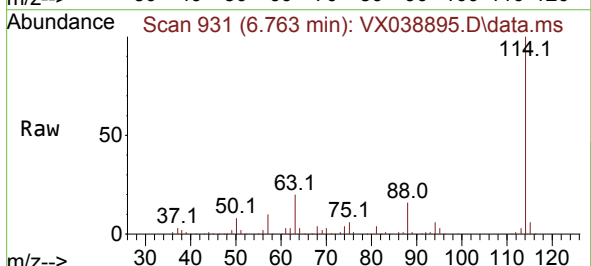
Tgt Ion: 114 Resp: 227315

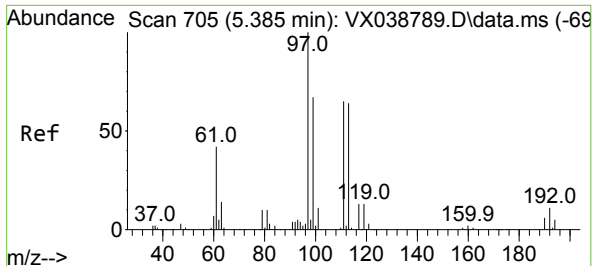
Ion Ratio Lower Upper

114 100

63 20.1 0.0 45.0

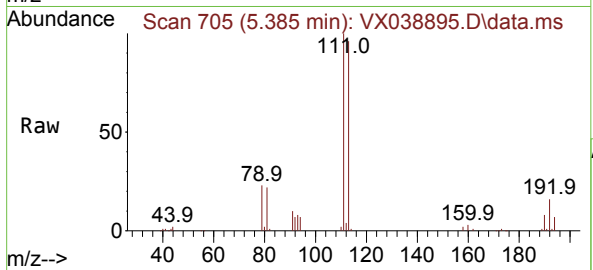
88 16.2 0.0 36.6



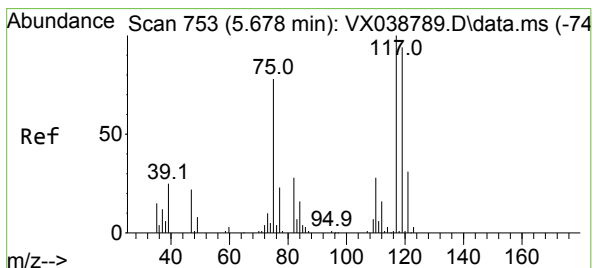
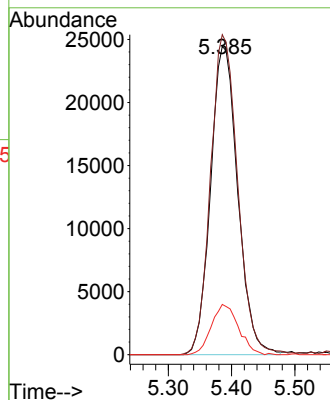
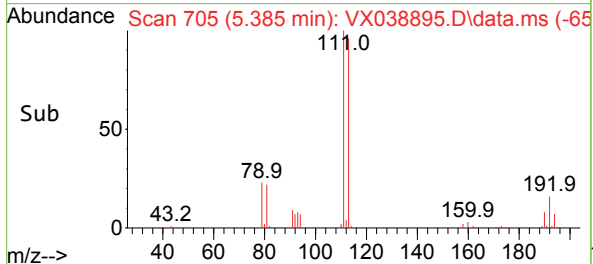


#35
Dibromofluoromethane
Concen: 44.361 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Instrument :
MSVOA_X
ClientSampleId :

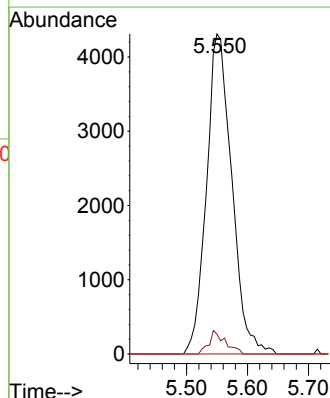
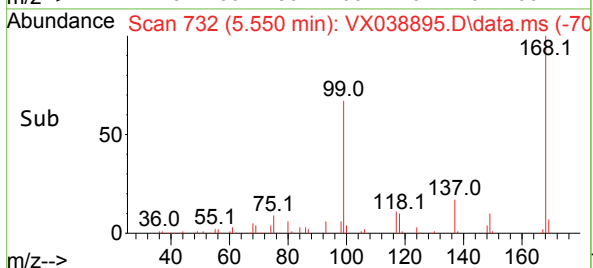
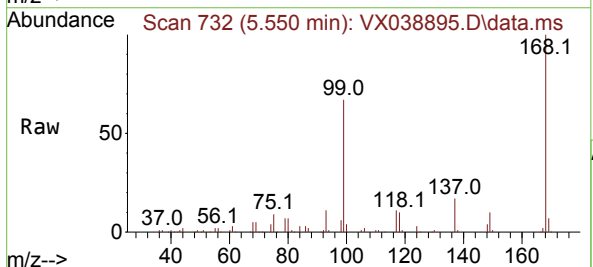


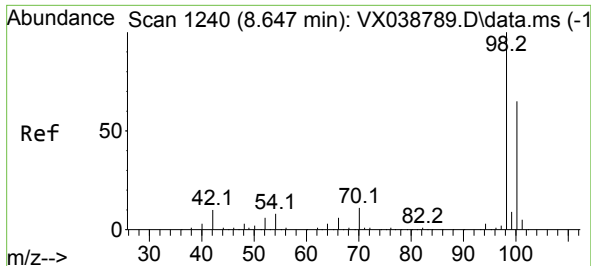
Tgt Ion:113 Resp: 72828
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 16.4 13.3 19.9



#38
Carbon Tetrachloride
Concen: 5.728 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion:117 Resp: 12456
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#

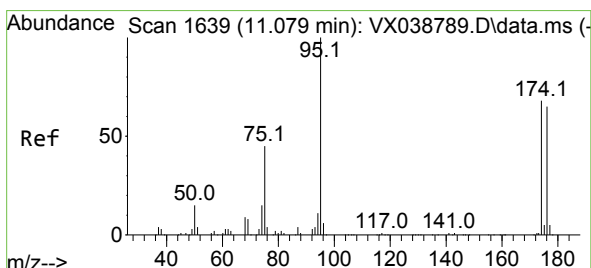
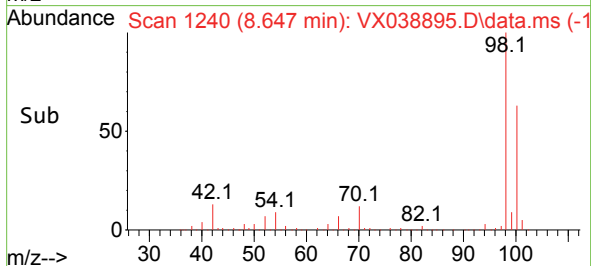
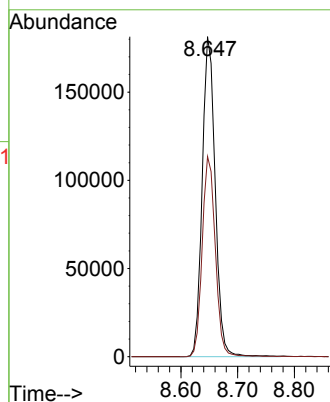
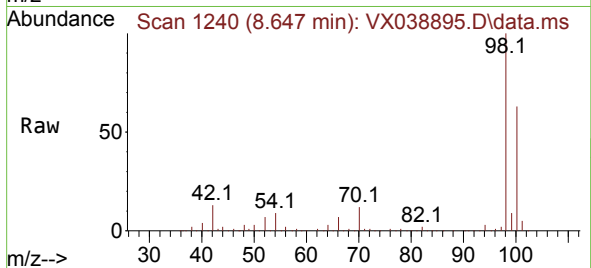




#50
Toluene-d8
Concen: 45.829 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

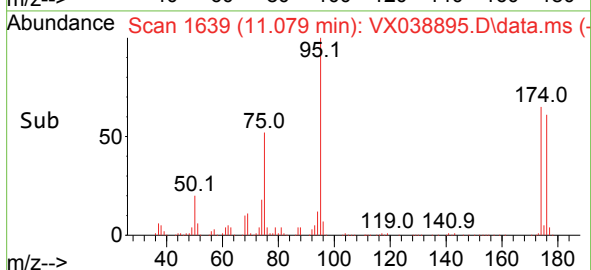
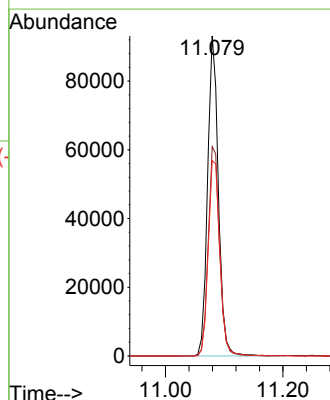
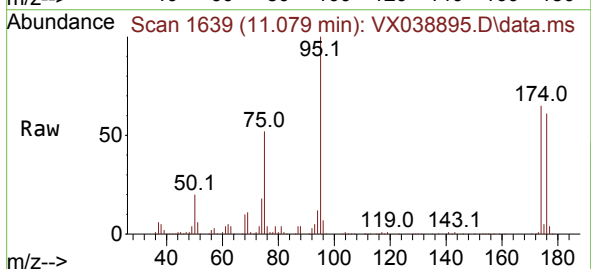
Instrument :
MSVOA_X
ClientSampleId :

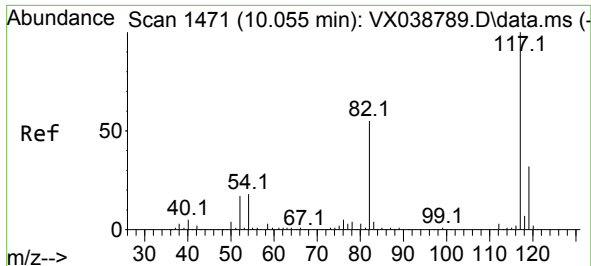
Tgt Ion: 98 Resp: 287865
Ion Ratio Lower Upper
98 100
100 63.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.285 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion: 95 Resp: 118897
Ion Ratio Lower Upper
95 100
174 68.4 0.0 135.6
176 65.6 0.0 131.0

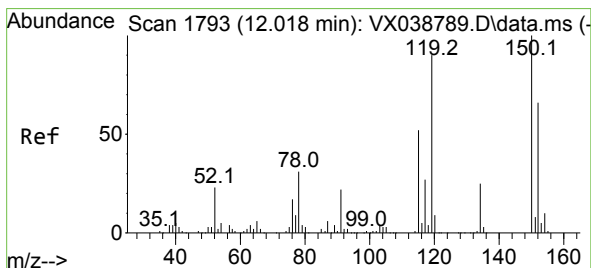
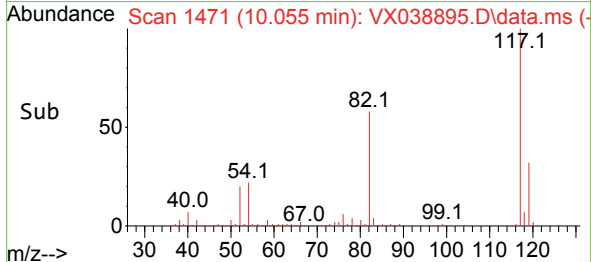
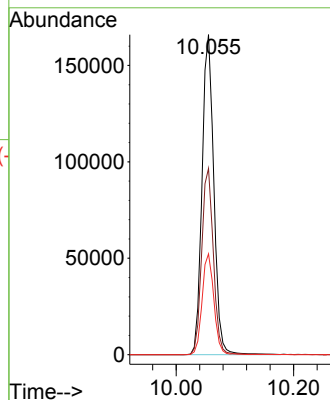
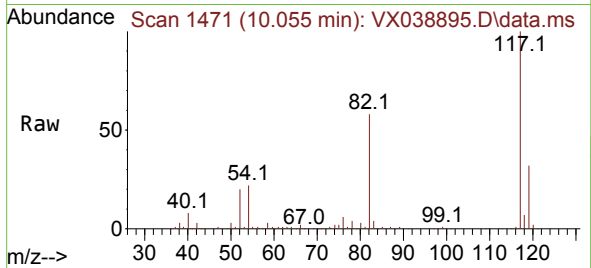




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

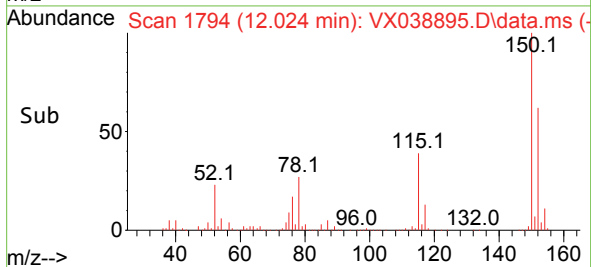
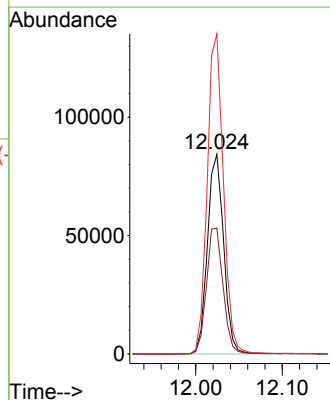
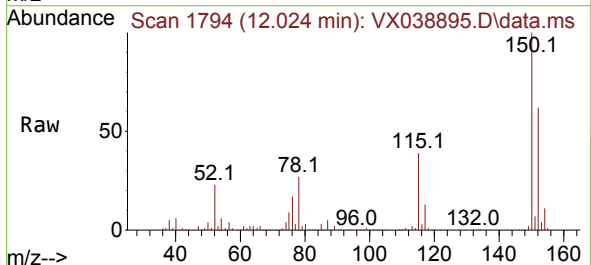
Instrument :
MSVOA_X
ClientSampleId :

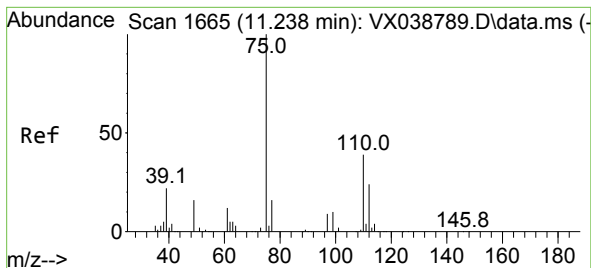
Tgt Ion:117 Resp: 230078
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX038895.D
Acq: 17 Nov 2023 23:39

Tgt Ion:152 Resp: 109781
Ion Ratio Lower Upper
152 100
115 64.7 43.3 129.9
150 160.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.964 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

Instrument :

MSVOA_X

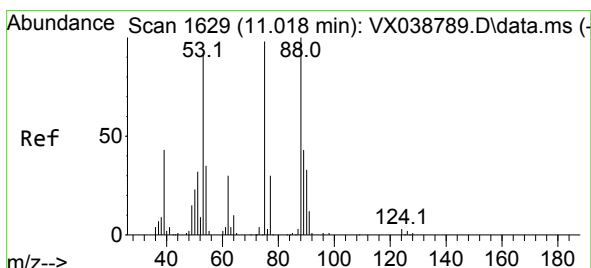
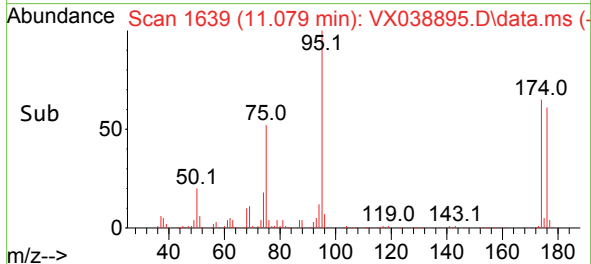
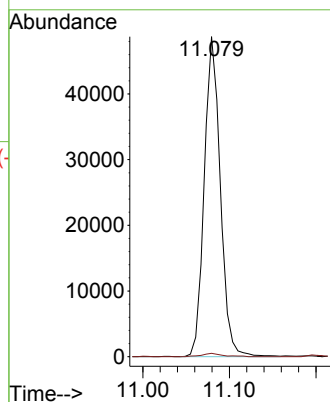
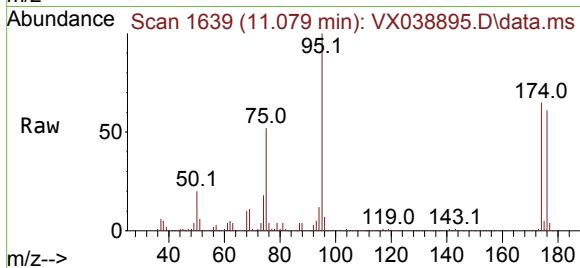
ClientSampleId :

Tgt Ion: 75 Resp: 62899

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 50.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

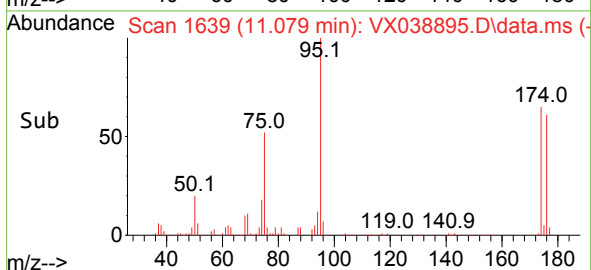
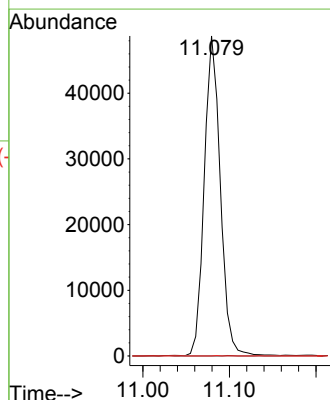
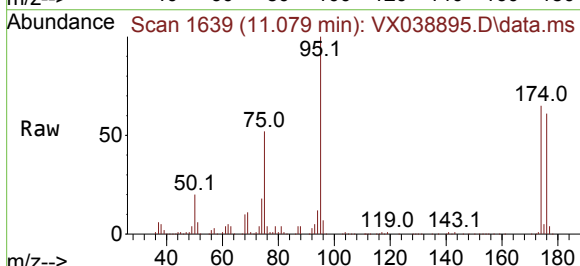
Tgt Ion: 75 Resp: 62899

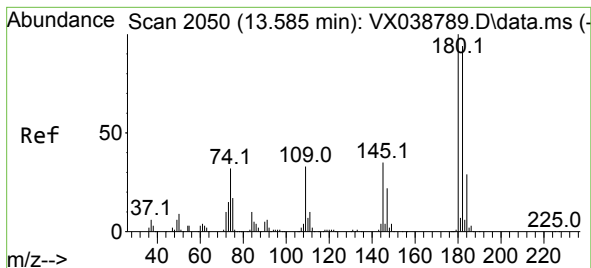
Ion Ratio Lower Upper

75 100

53 0.1 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.293 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

Instrument :

MSVOA_X

ClientSampleId :

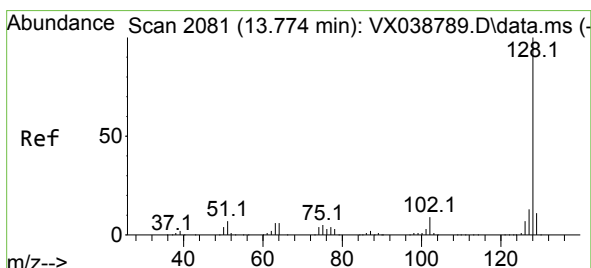
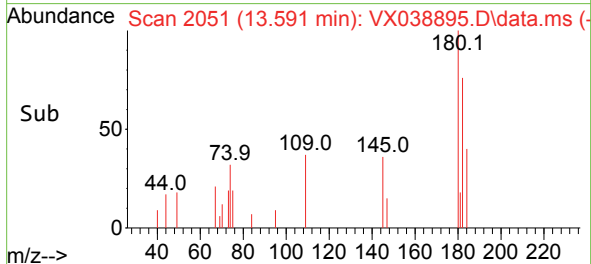
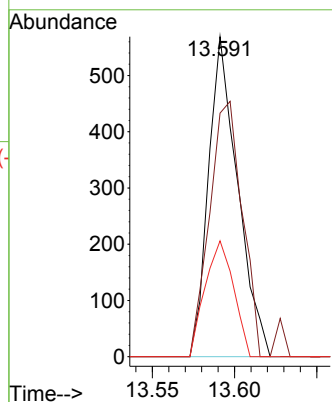
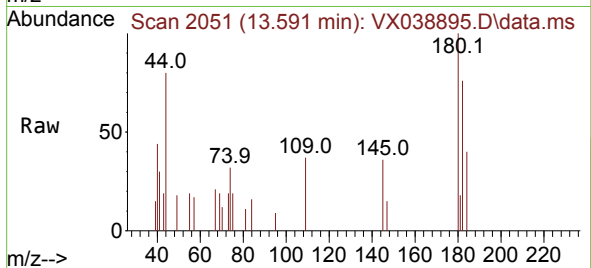
Tgt Ion:180 Resp: 701

Ion Ratio Lower Upper

180 100

182 89.3 48.3 144.8

145 35.2 18.0 54.0



#95

Naphthalene

Concen: 0.204 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX038895.D

Acq: 17 Nov 2023 23:39

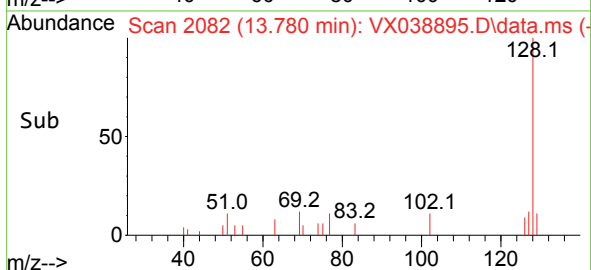
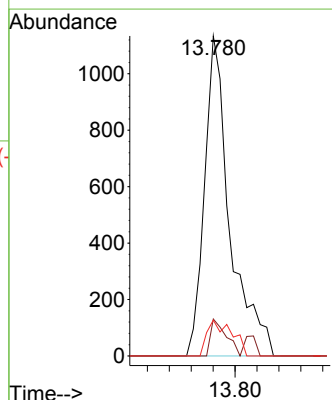
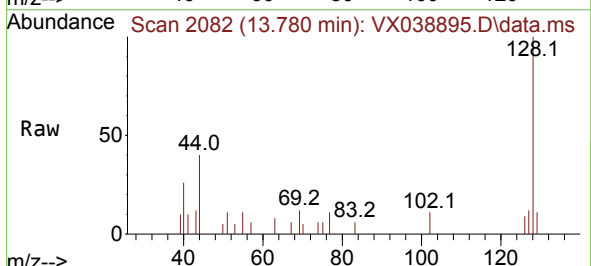
Tgt Ion:128 Resp: 1816

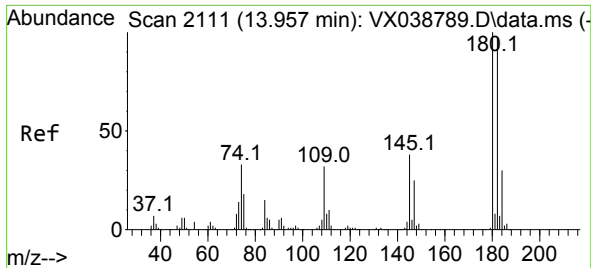
Ion Ratio Lower Upper

128 100

127 7.1 10.3 15.5#

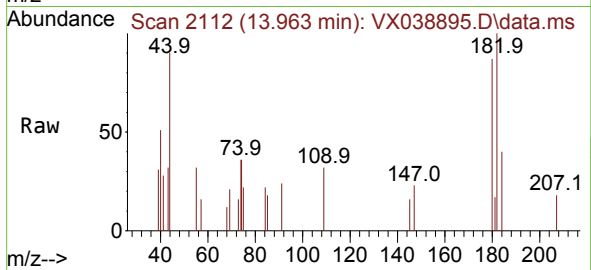
129 11.1 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.238 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX038895.D
 Acq: 17 Nov 2023 23:39

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	539
Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.9	140.6
145	28.2	17.8	53.5

