

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX093023\
 Data File : VX038000.D
 Acq On : 30 Sep 2023 13:44
 Operator : JC/MD
 Sample : 04652-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 02 02:10:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

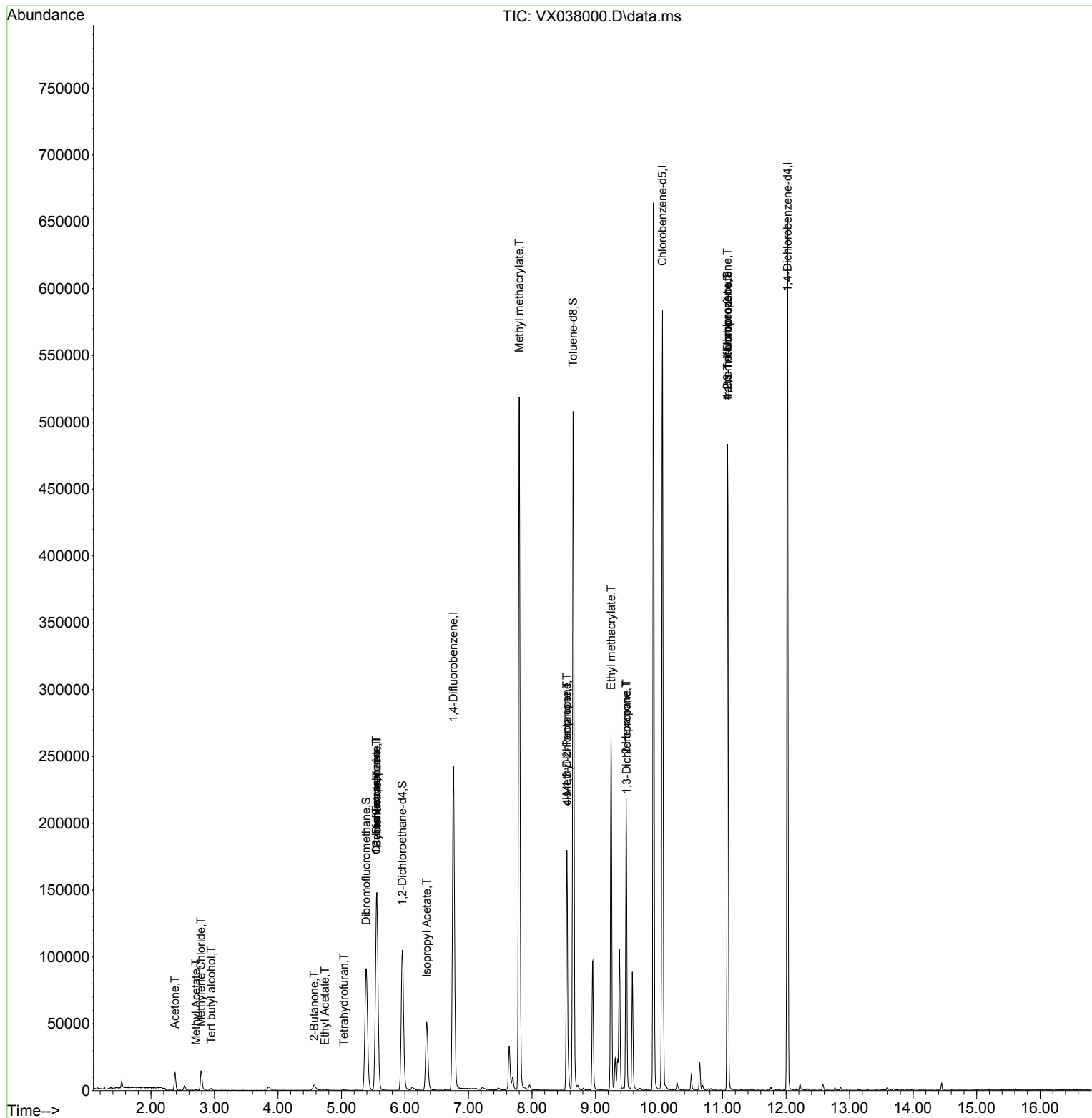
Internal Standards						
1) Pentafluorobenzene	5.556	168	134067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240330	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126817	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102070	57.947	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	115.900%	
35) Dibromofluoromethane	5.385	113	78237	48.653	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.300%	
50) Toluene-d8	8.646	98	304604	50.980	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	101.960%	
62) 4-Bromofluorobenzene	11.079	95	117872	54.289	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	108.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1202	3.179	ug/l #	78
16) Acetone	2.379	43	14054	16.586	ug/l	94
18) Methyl Acetate	2.708	43	883	0.289	ug/l	92
20) Methylene Chloride	2.788	84	6823	4.332	ug/l #	93
25) 2-Butanone	4.568	43	3924	3.282	ug/l #	88
29) Tetrahydrofuran	5.037	42	432	0.581	ug/l #	41
31) Cyclohexane	5.556	56	3387	1.498	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	11828	5.340	ug/l #	50
37) Ethyl Acetate	4.739	43	1532	0.629	ug/l #	71
38) Carbon Tetrachloride	5.549	117	14518	6.264	ug/l #	15
43) Isopropyl Acetate	6.342	43	68872	17.687	ug/l	97
48) Methyl methacrylate	7.799	41	48048	25.811	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	64424	26.076	ug/l #	48
54) cis-1,3-Dichloropropene	8.549	75	27211	10.033	ug/l #	62
56) Ethyl methacrylate	9.244	69	773	0.280	ug/l #	1
57) 1,3-Dichloropropane	9.488	76	1778	0.594	ug/l #	42
59) 2-Hexanone	9.482	43	24838	12.912	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	66755	22.759	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66755	72.905	ug/l #	5

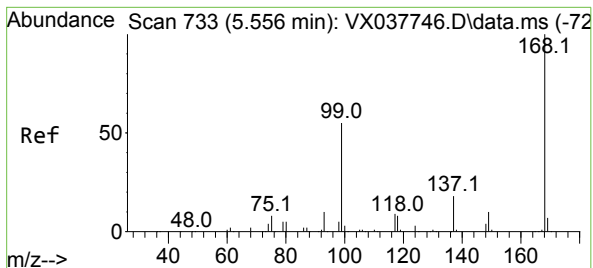
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 02:10:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. 0.006 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

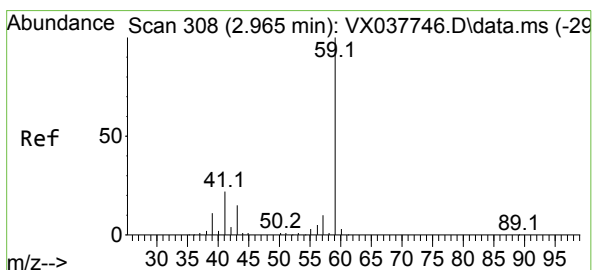
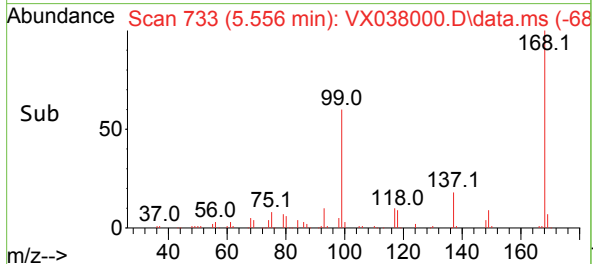
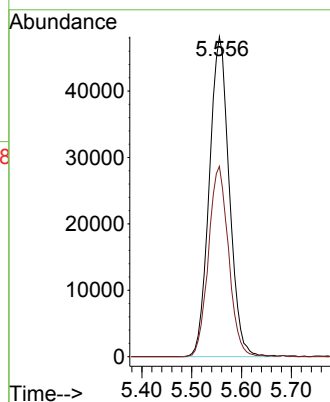
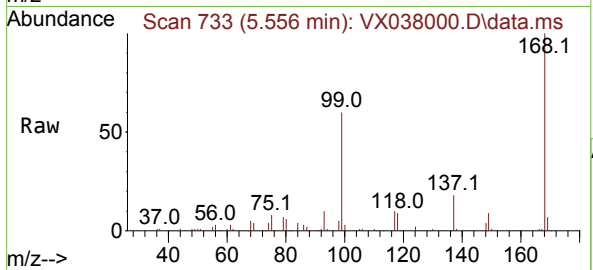
ClientSampleId :

Tgt Ion:168 Resp: 134067

Ion Ratio Lower Upper

168 100

99 59.5 56.6 85.0



#11

Tert butyl alcohol

Concen: 3.179 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.019 min

Lab File: VX038000.D

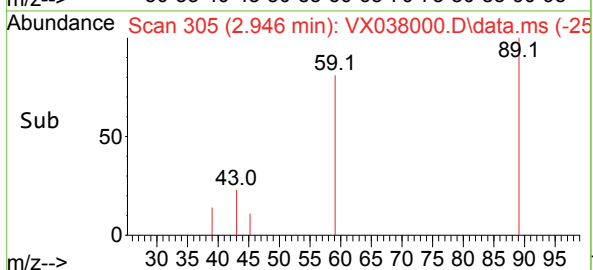
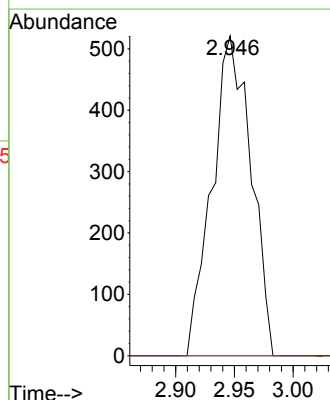
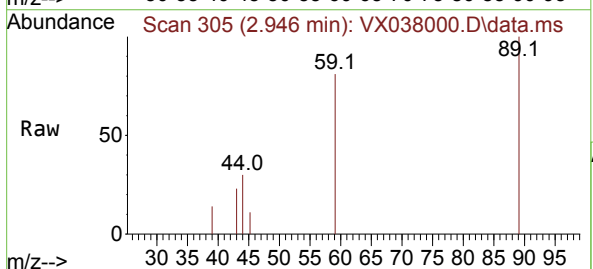
Acq: 30 Sep 2023 13:44

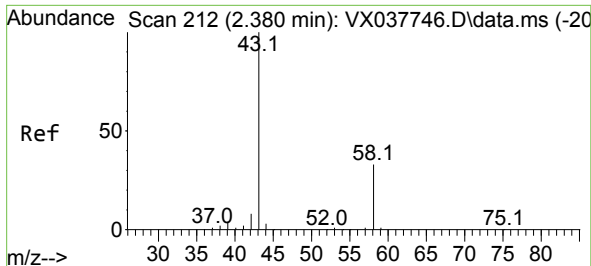
Tgt Ion: 59 Resp: 1202

Ion Ratio Lower Upper

59 100

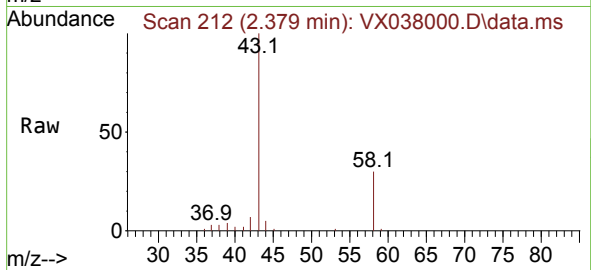
57 0.0 6.0 9.0#



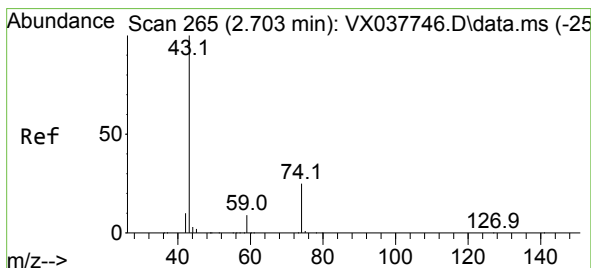
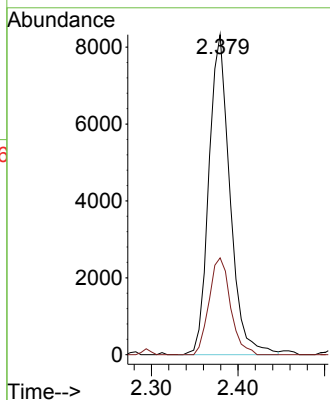
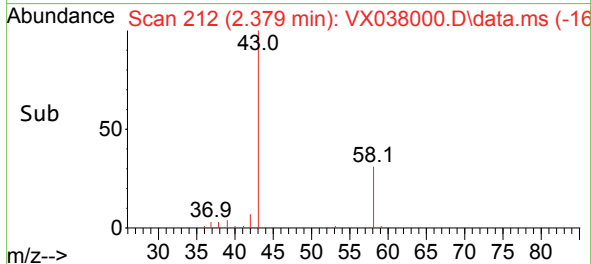


#16
Acetone
Concen: 16.586 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

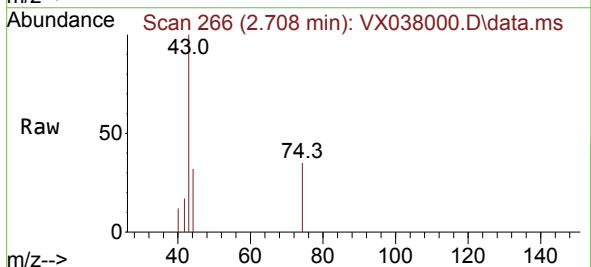
Instrument :
MSVOA_X
ClientSampleId :



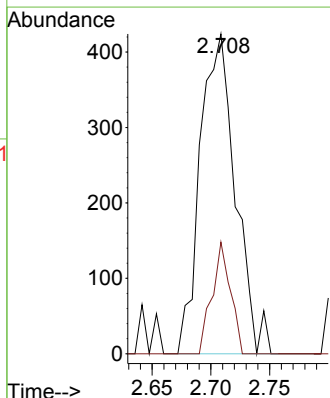
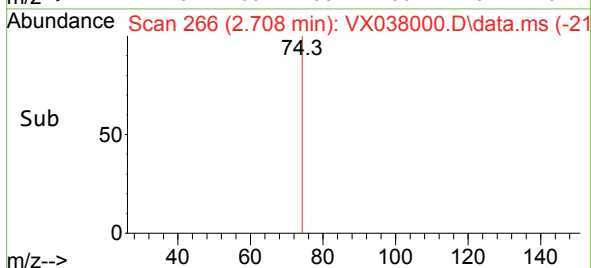
Tgt Ion: 43 Resp: 14054
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9

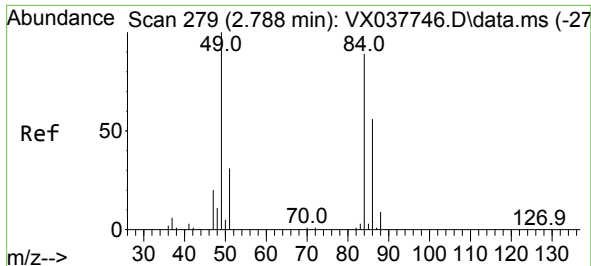


#18
Methyl Acetate
Concen: 0.289 ug/l
RT: 2.708 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44



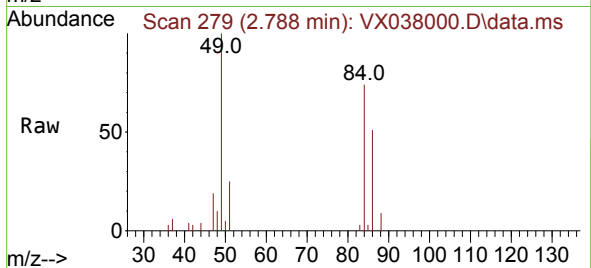
Tgt Ion: 43 Resp: 883
Ion Ratio Lower Upper
43 100
74 18.2 17.8 26.8



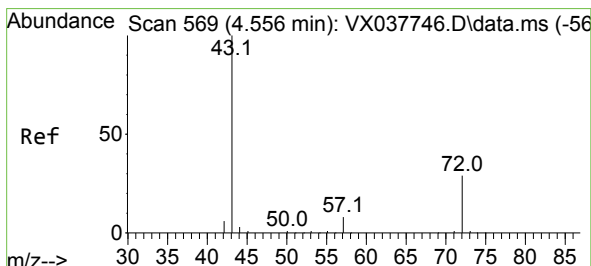
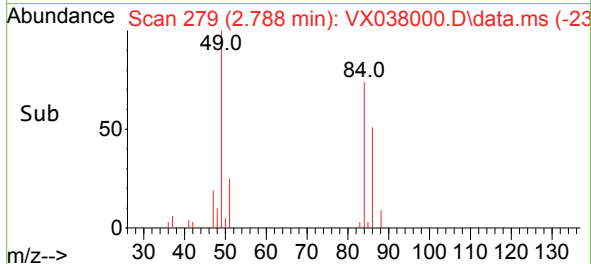
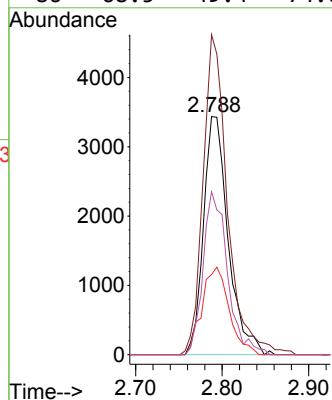


#20
Methylene Chloride
Concen: 4.332 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

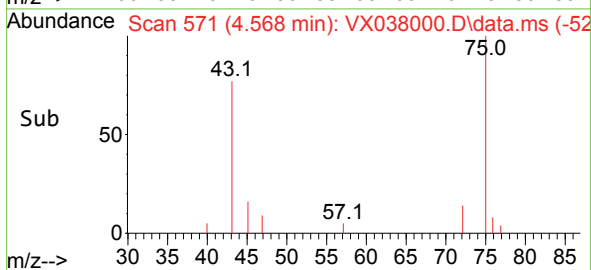
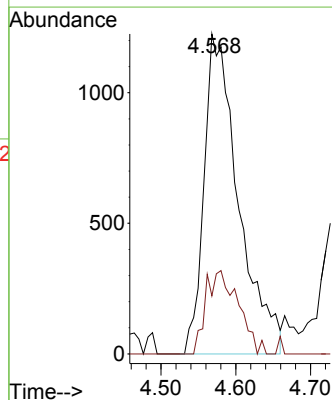
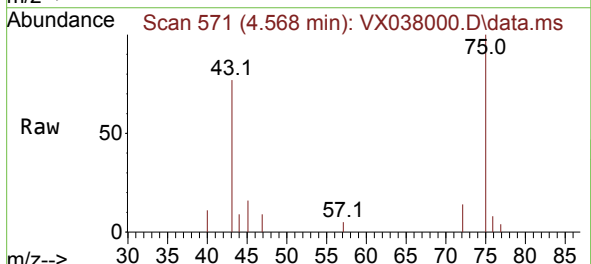


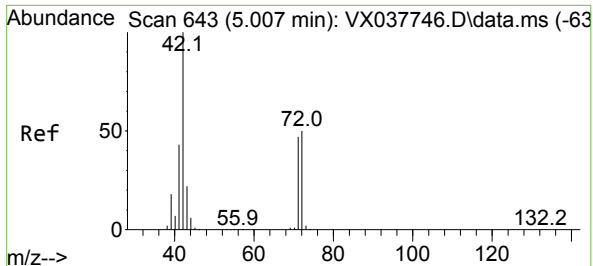
Tgt Ion:	84	Resp:	6823
Ion	Ratio	Lower	Upper
84	100		
49	134.4	103.6	155.4
51	33.7	33.8	50.6#
86	68.5	49.4	74.0



#25
2-Butanone
Concen: 3.282 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion:	43	Resp:	3924
Ion	Ratio	Lower	Upper
43	100		
72	18.1	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.581 ug/l

RT: 5.037 min Scan# 643

Delta R.T. 0.024 min

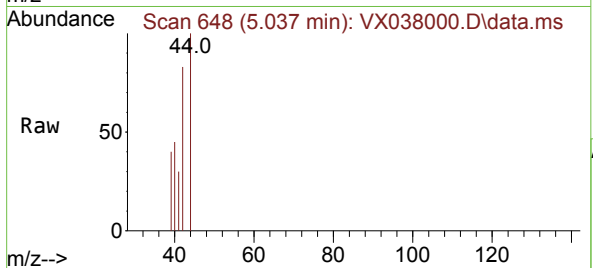
Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

ClientSampleId :



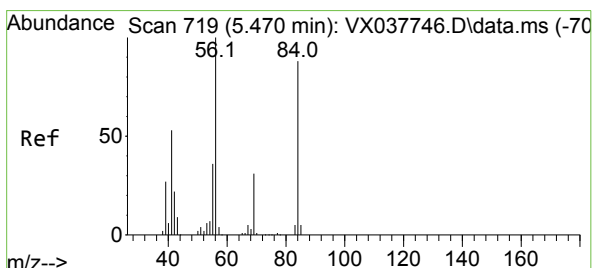
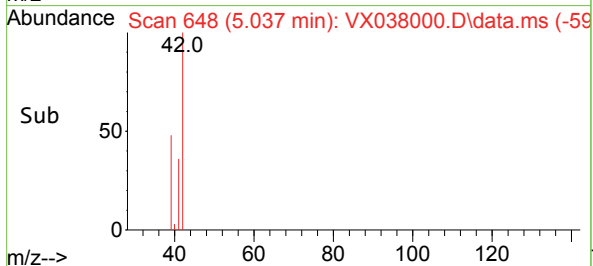
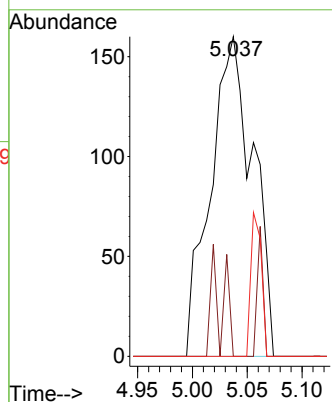
Tgt Ion: 42 Resp: 432

Ion Ratio Lower Upper

42 100

72 9.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.498 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

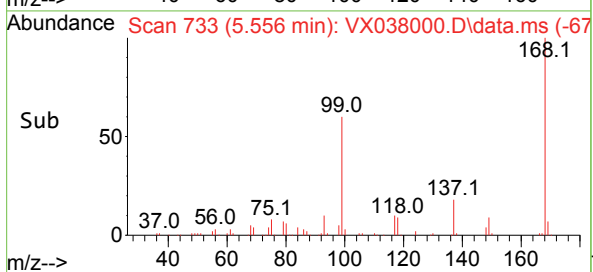
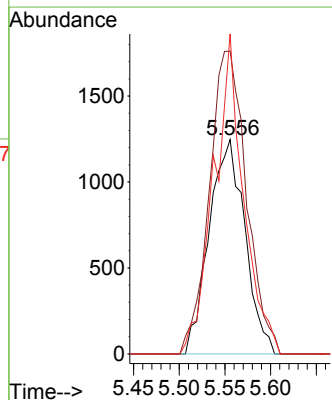
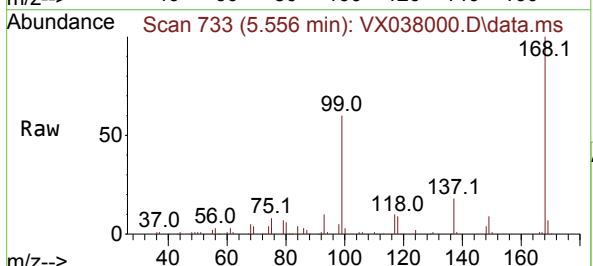
Tgt Ion: 56 Resp: 3387

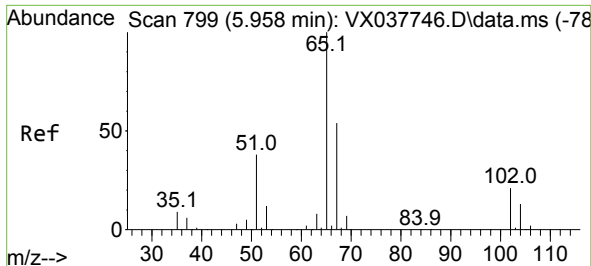
Ion Ratio Lower Upper

56 100

69 141.2 23.4 35.2#

84 149.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 57.947 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

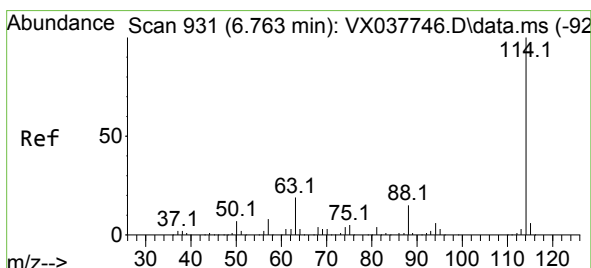
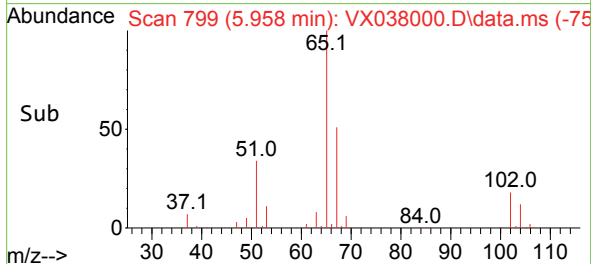
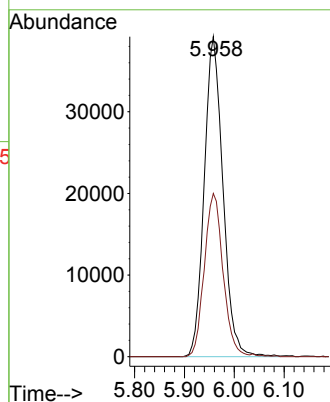
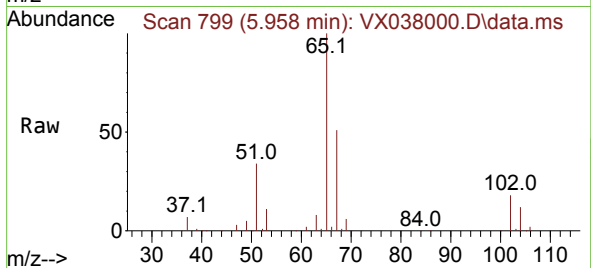
ClientSampleId :

Tgt Ion: 65 Resp: 102070

Ion Ratio Lower Upper

65 100

67 51.4 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: VX038000.D

Acq: 30 Sep 2023 13:44

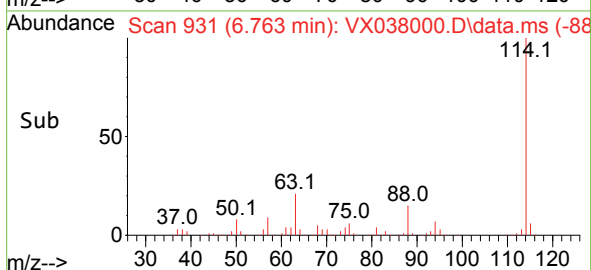
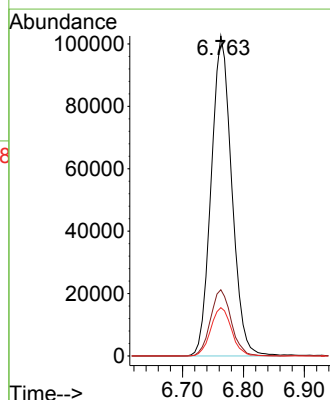
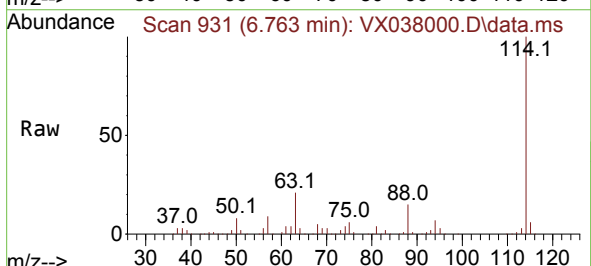
Tgt Ion: 114 Resp: 240330

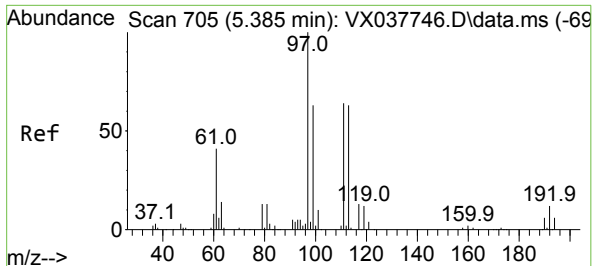
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

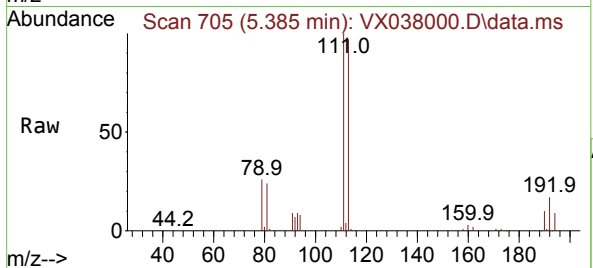
88 15.1 0.0 36.6



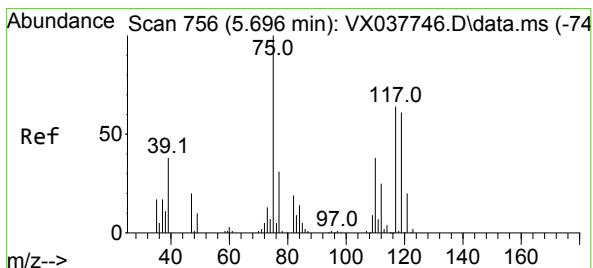
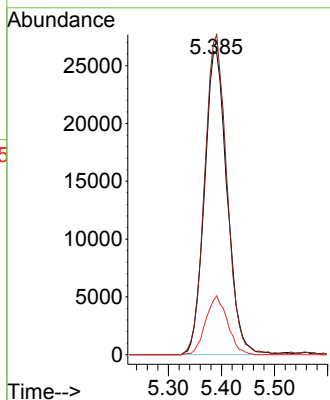
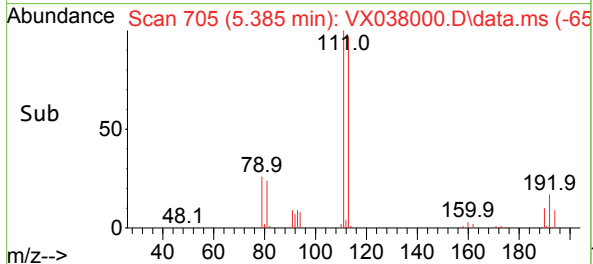


#35
Dibromofluoromethane
Concen: 48.653 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :

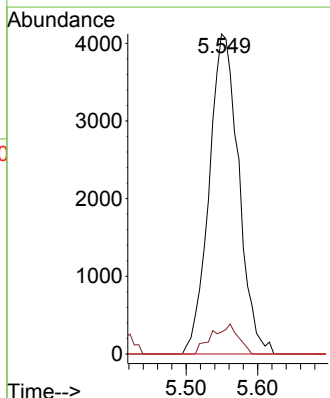
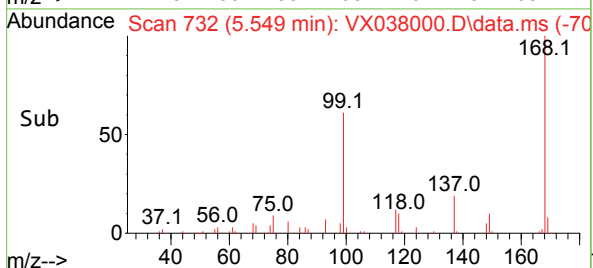
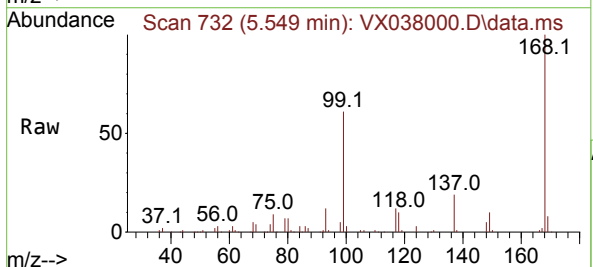


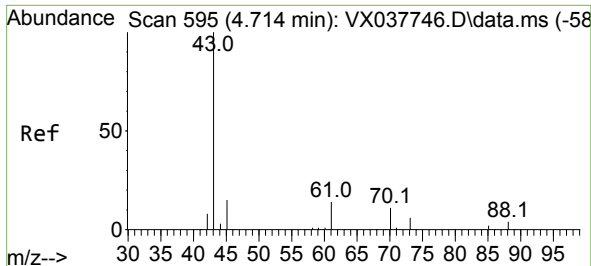
Tgt Ion:113 Resp: 78237
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.340 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.147 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion: 75 Resp: 11828
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.629 ug/l

RT: 4.739 min Scan# 595

Delta R.T. 0.006 min

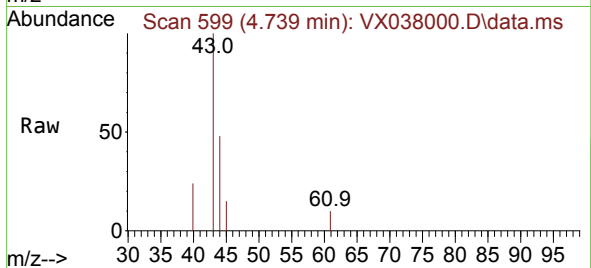
Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

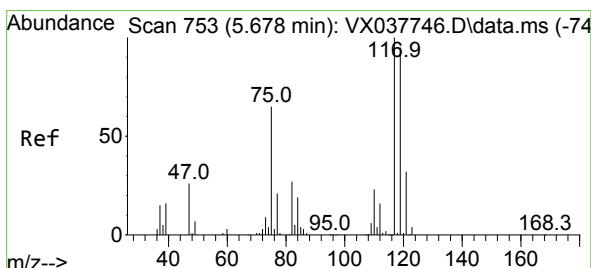
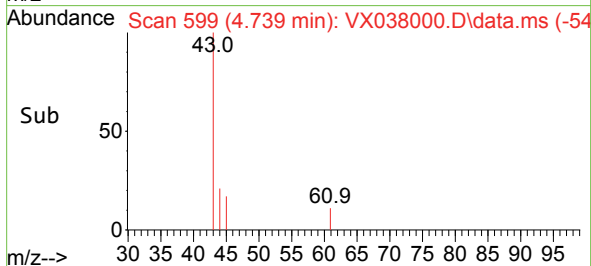
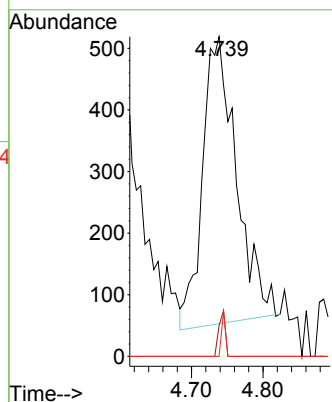
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 1532
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	1.8 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.264 ug/l

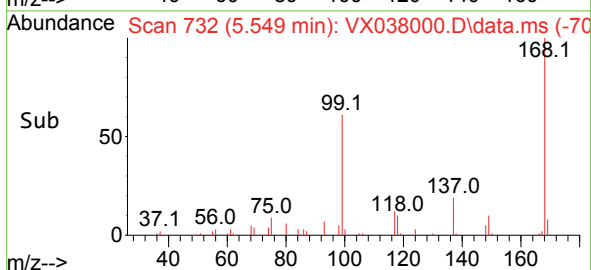
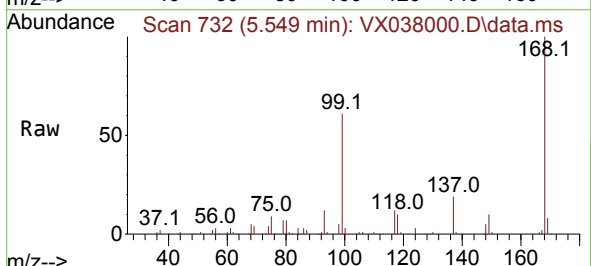
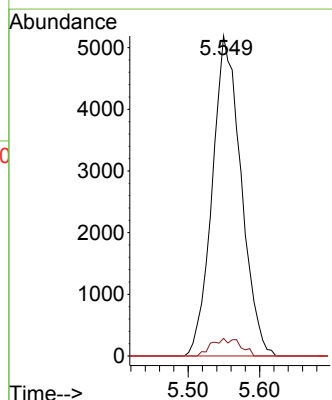
RT: 5.549 min Scan# 732

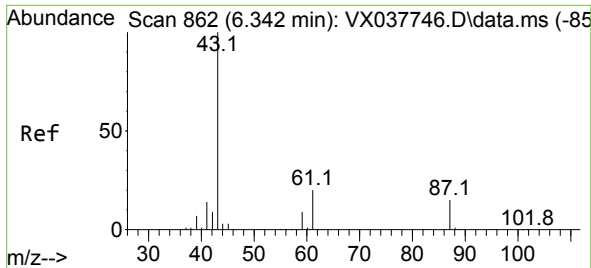
Delta R.T. -0.128 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

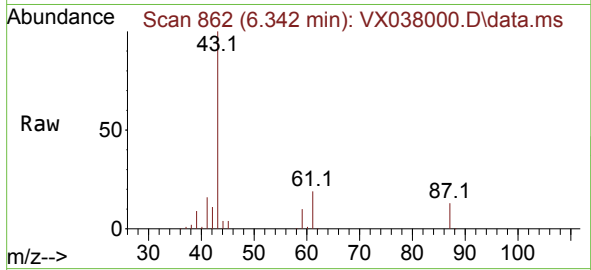
Tgt Ion: 117	Resp: 14518
Ion Ratio	Lower Upper
117	100
119	5.5 78.2 117.2#
121	0.0 24.4 36.6#



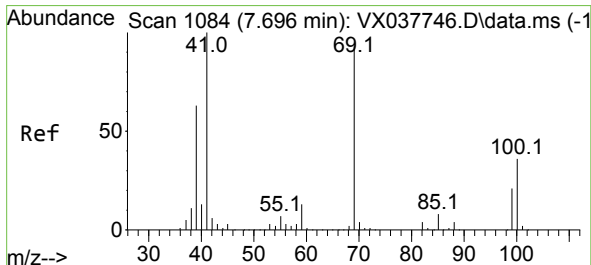
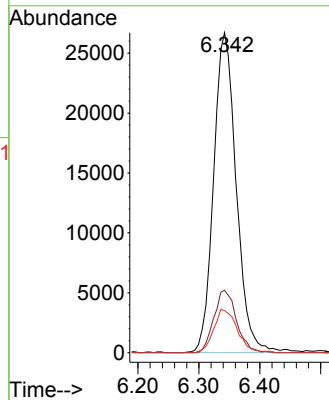
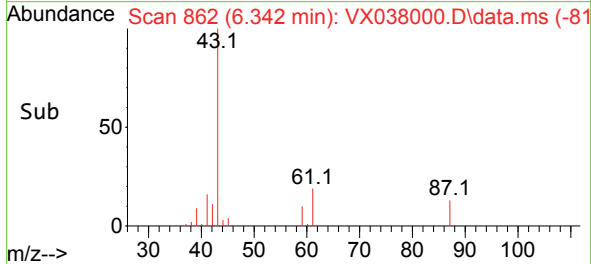


#43
Isopropyl Acetate
Concen: 17.687 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

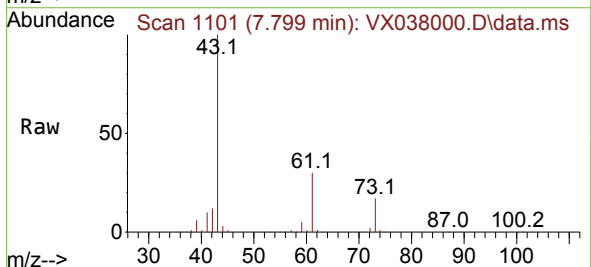
Instrument :
MSVOA_X
ClientSampleId :



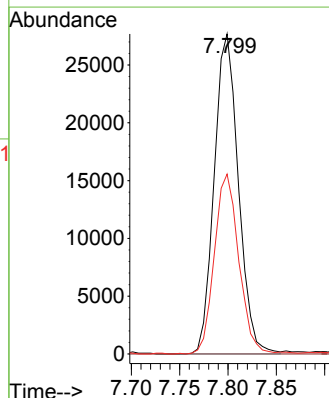
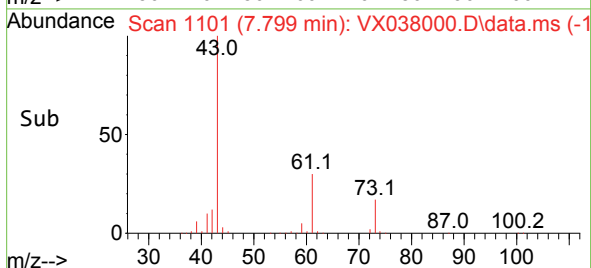
Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.2	22.8
87	14.0	9.8	14.6

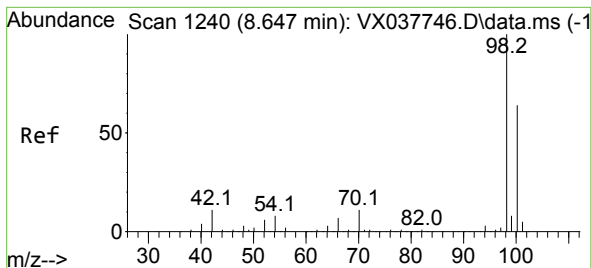


#48
Methyl methacrylate
Concen: 25.811 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.097 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44



Tgt Ion	Ratio	Lower	Upper
41	100		
69	0.0	59.2	88.8#
39	57.1	47.7	71.5





#50

Toluene-d8

Concen: 50.980 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

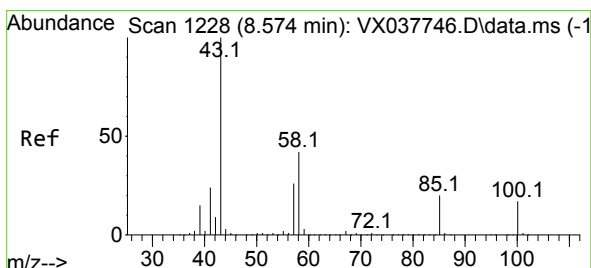
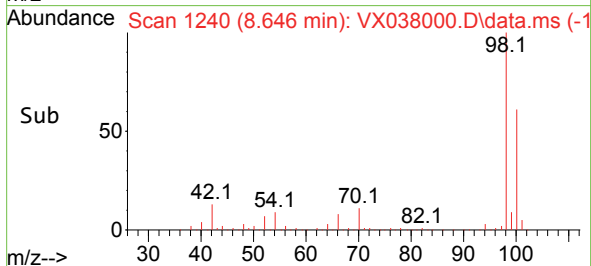
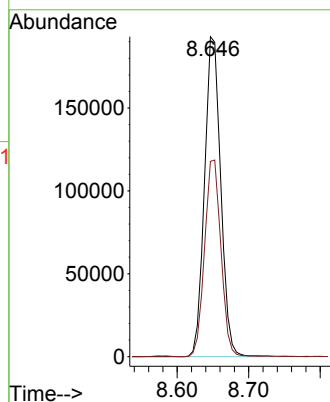
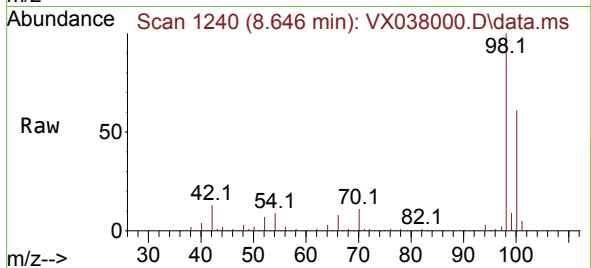
ClientSampleId :

Tgt Ion: 98 Resp: 304604

Ion Ratio Lower Upper

98 100

100 62.2 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 26.076 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.025 min

Lab File: VX038000.D

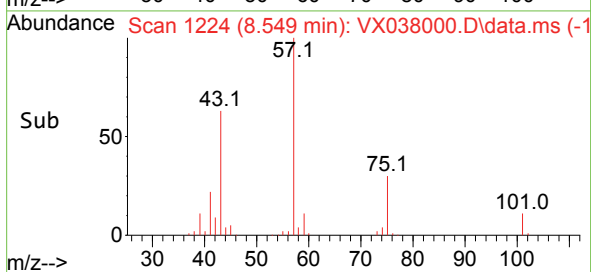
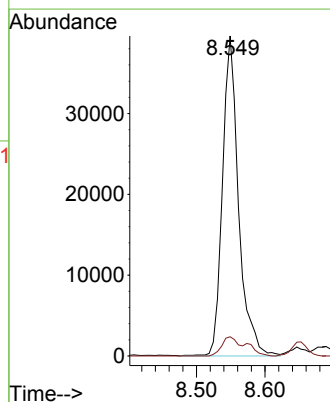
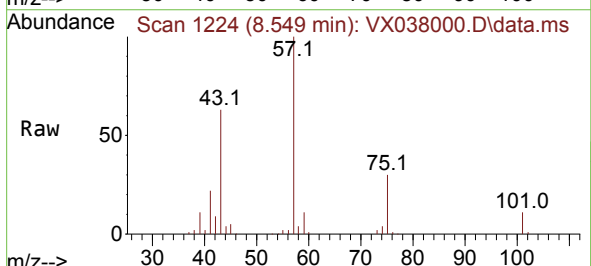
Acq: 30 Sep 2023 13:44

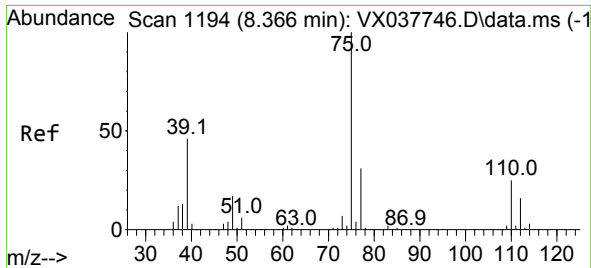
Tgt Ion: 43 Resp: 64424

Ion Ratio Lower Upper

43 100

58 6.4 30.4 45.6#

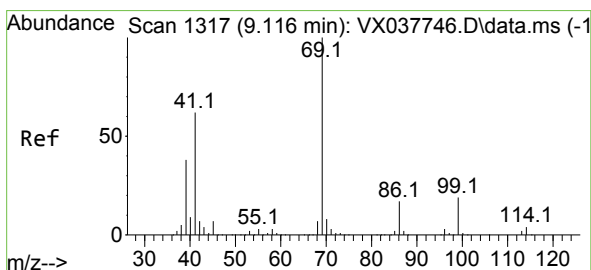
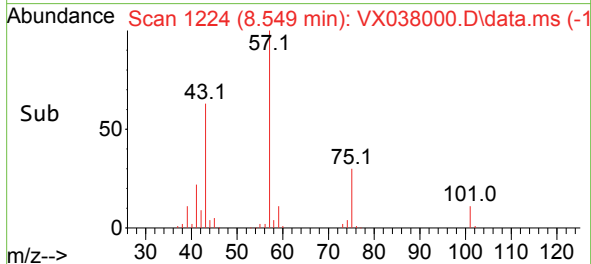
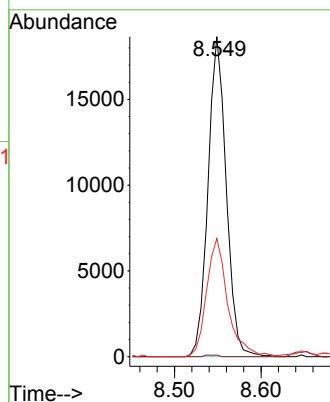
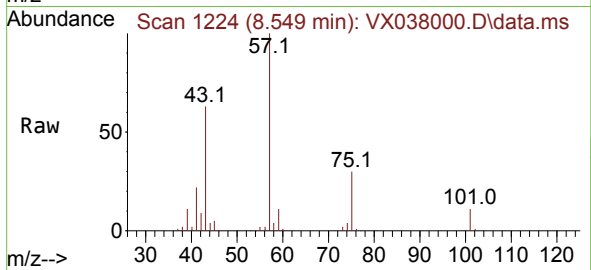




#54
cis-1,3-Dichloropropene
Concen: 10.033 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.176 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

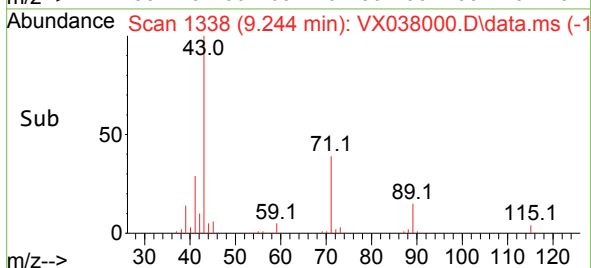
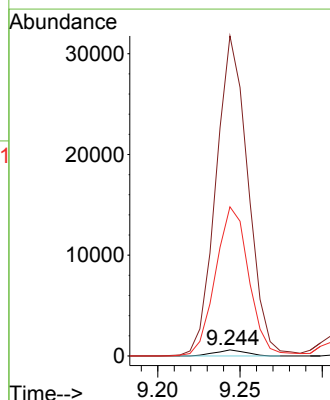
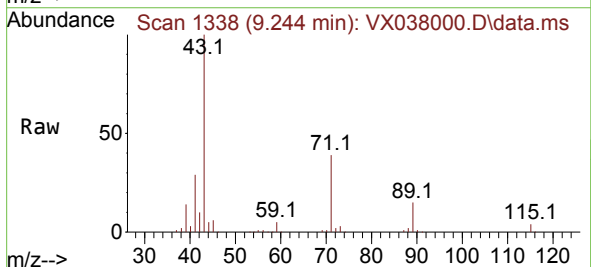
Instrument :
MSVOA_X
ClientSampleId :

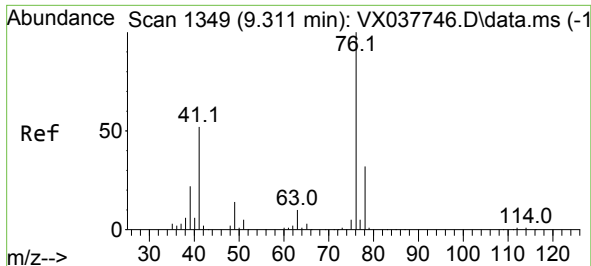
Tgt Ion: 75 Resp: 27211
Ion Ratio Lower Upper
75 100
77 0.5 25.3 37.9#
39 36.9 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.280 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.121 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Tgt Ion: 69 Resp: 773
Ion Ratio Lower Upper
69 100
41 5586.2 56.8 85.2#
39 2710.9 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 0.594 ug/l

RT: 9.488 min Scan# 11

Delta R.T. 0.182 min

Lab File: VX038000.D

Acq: 30 Sep 2023 13:44

Instrument :

MSVOA_X

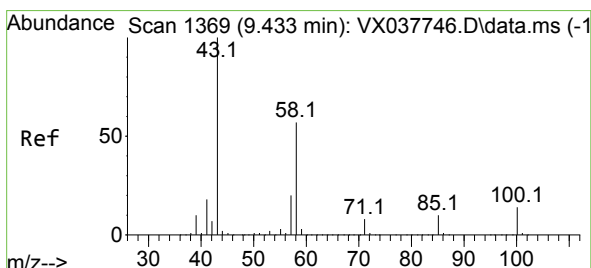
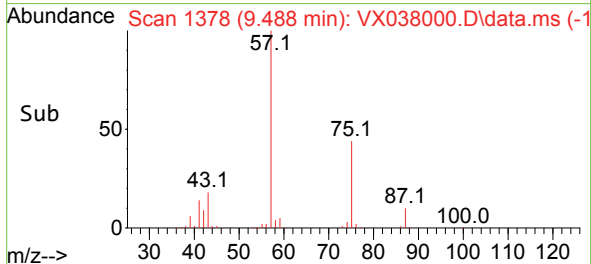
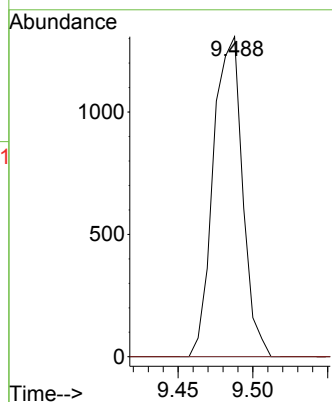
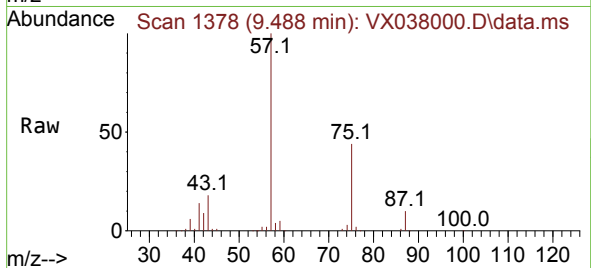
ClientSampleId :

Tgt Ion: 76 Resp: 1778

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 12.912 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.048 min

Lab File: VX038000.D

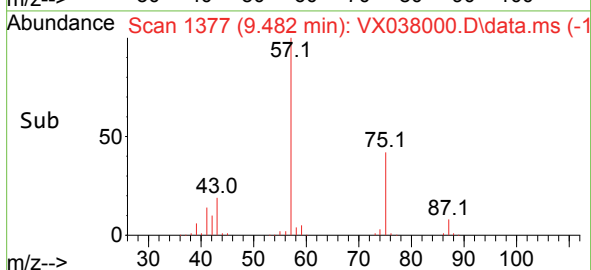
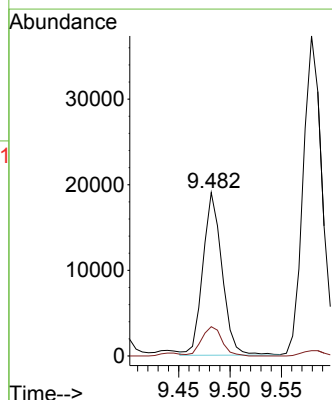
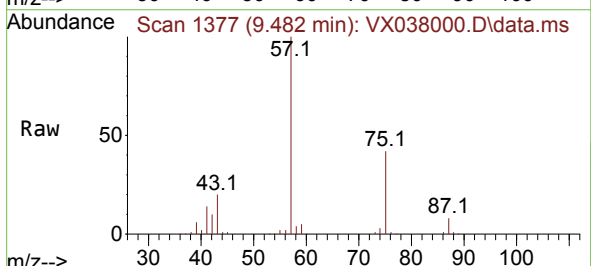
Acq: 30 Sep 2023 13:44

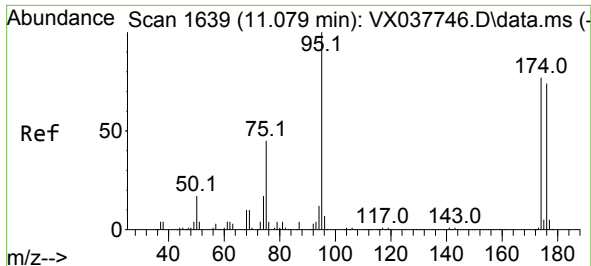
Tgt Ion: 43 Resp: 24838

Ion Ratio Lower Upper

43 100

58 19.1 26.2 78.5#

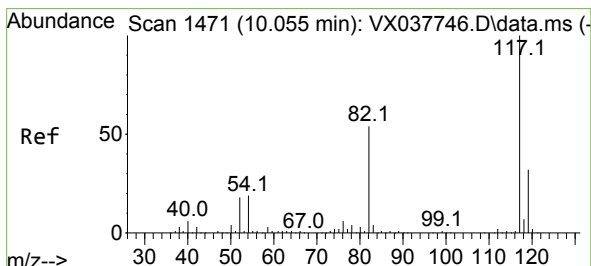
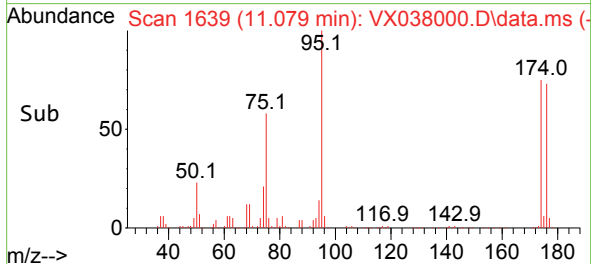
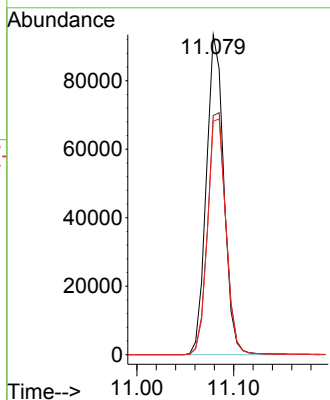
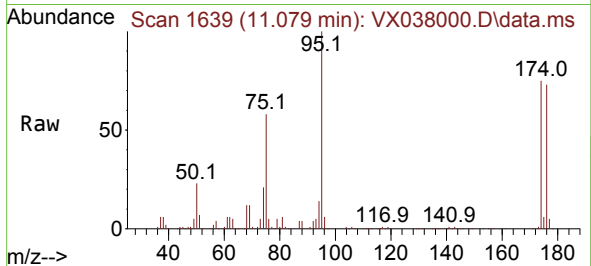




#62
4-Bromofluorobenzene
Concen: 54.289 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

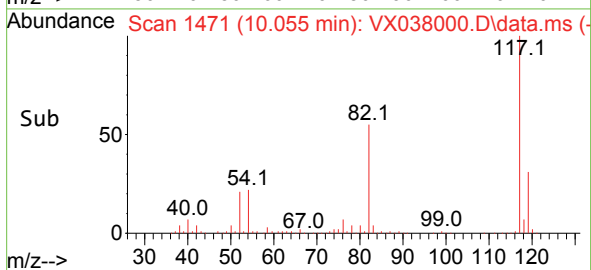
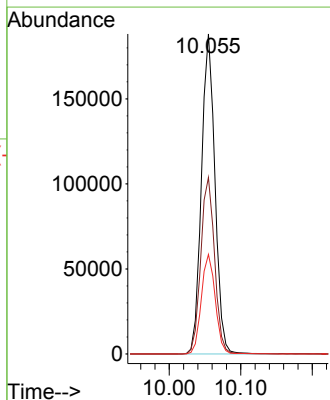
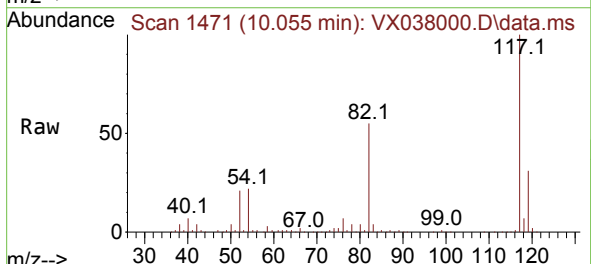
Instrument :
MSVOA_X
ClientSampleId :

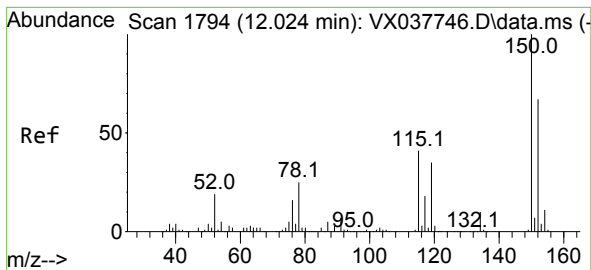
Tgt Ion: 95 Resp: 117872
Ion Ratio Lower Upper
95 100
174 79.0 0.0 135.6
176 77.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

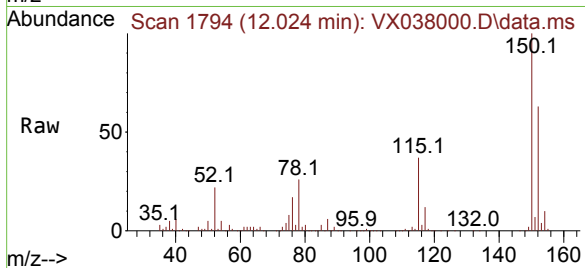
Tgt Ion: 117 Resp: 246784
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.1 25.5 38.3



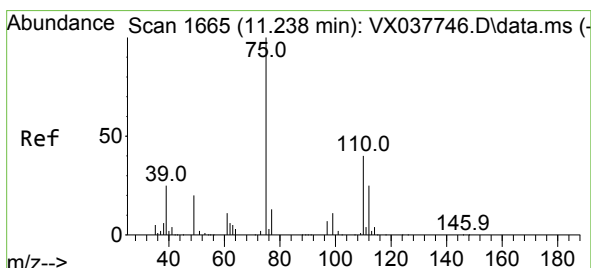
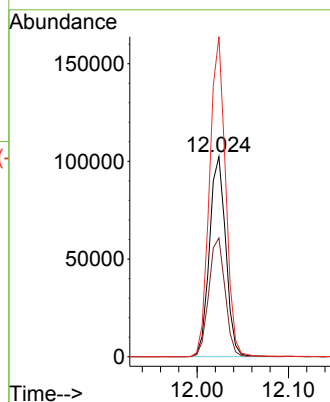
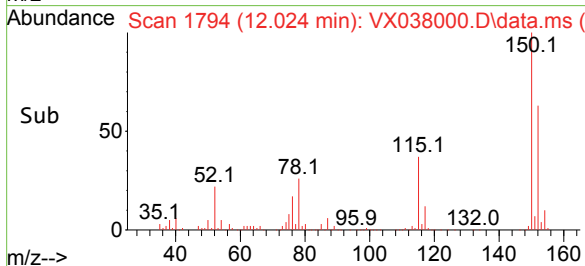


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX038000.D
 Acq: 30 Sep 2023 13:44

Instrument :
 MSVOA_X
 ClientSampleId :

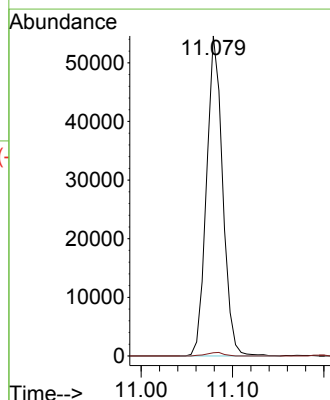
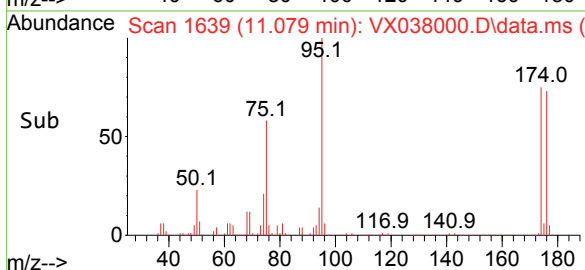
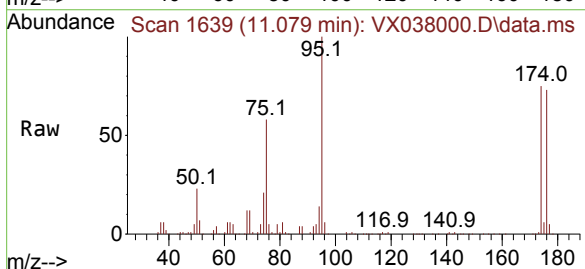


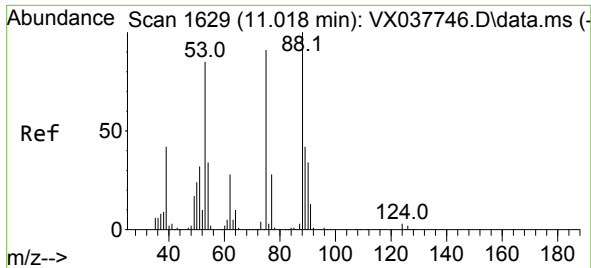
Tgt Ion:152 Resp: 126817
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 157.1 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.759 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038000.D
 Acq: 30 Sep 2023 13:44

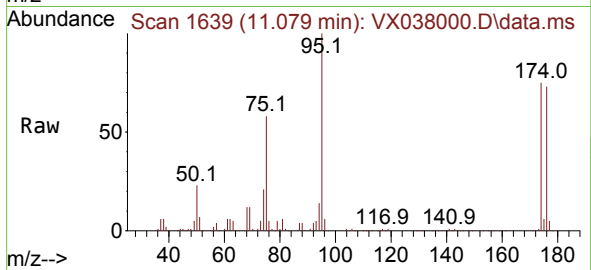
Tgt Ion: 75 Resp: 66755
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 72.905 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038000.D
Acq: 30 Sep 2023 13:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 66755
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

