

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111823\
 Data File : VX038929.D
 Acq On : 18 Nov 2023 15:32
 Operator : JC/MD
 Sample : 05404-27RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 20 04:36:00 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)

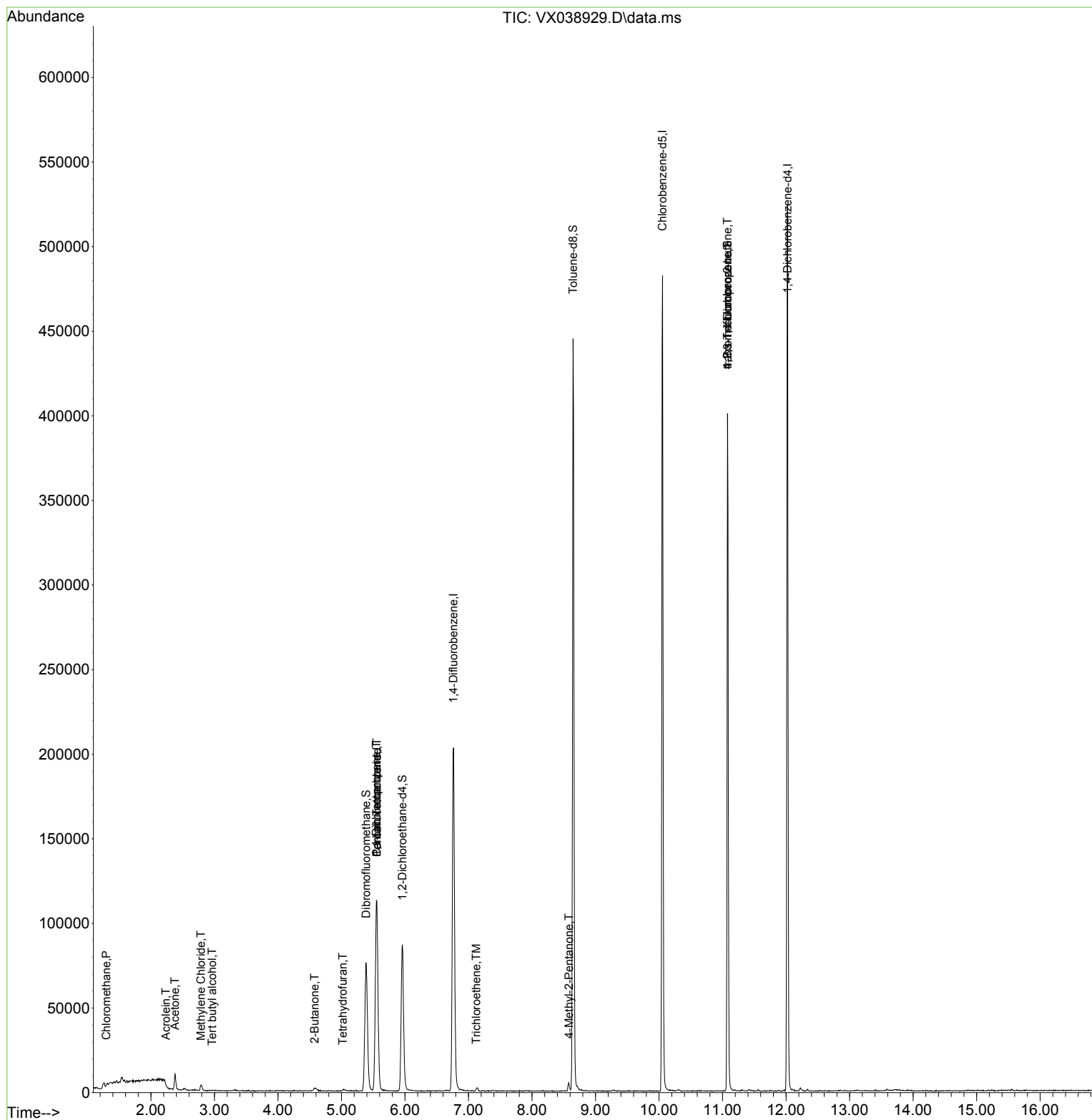
Internal Standards						
1) Pentafluorobenzene	5.556	168	102189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	208198	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	105482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82367	50.022	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.040%	
35) Dibromofluoromethane	5.385	113	67193	44.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 89.380%	
50) Toluene-d8	8.647	98	261940	45.531	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 91.060%#	
62) 4-Bromofluorobenzene	11.079	95	112497	48.848	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.700%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	412	0.265	ug/l	99
11) Tert butyl alcohol	2.965	59	148	0.323	ug/l #	78
13) Acrolein	2.233	56	321	1.325	ug/l #	14
16) Acetone	2.380	43	9317	10.629	ug/l	94
20) Methylene Chloride	2.788	84	1567	0.992	ug/l #	90
25) 2-Butanone	4.574	43	2966	2.087	ug/l #	83
29) Tetrahydrofuran	5.019	42	464	0.514	ug/l #	54
36) 1,1-Dichloropropene	5.550	75	9604	4.456	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11529	5.788	ug/l #	13
44) Trichloroethene	7.123	130	736	0.474	ug/l	71
51) 4-Methyl-2-Pentanone	8.580	43	3719	1.297	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	58137	22.091	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58137	48.999	ug/l #	5

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

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ClientSampleId :

Quant Time: Nov 20 04:36:00 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

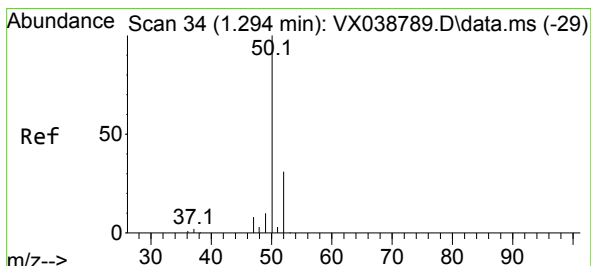
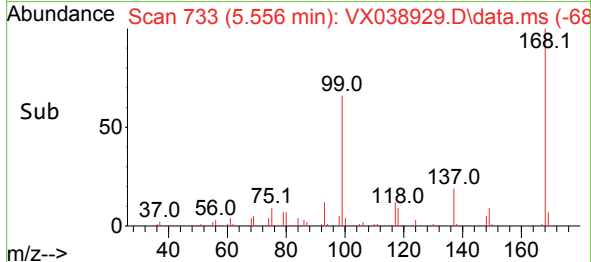
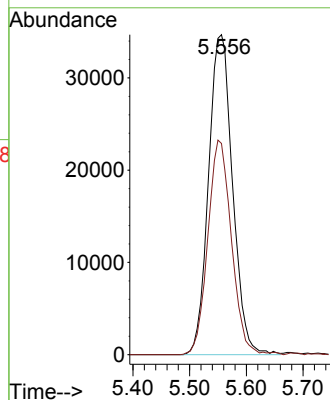
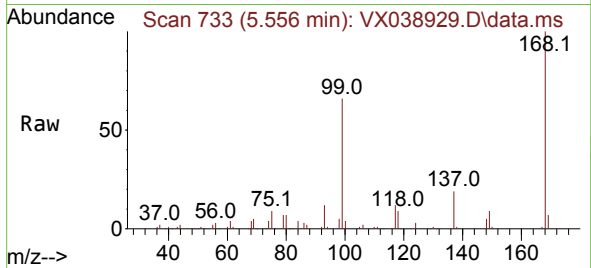




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

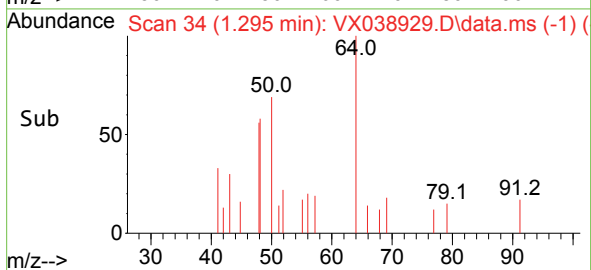
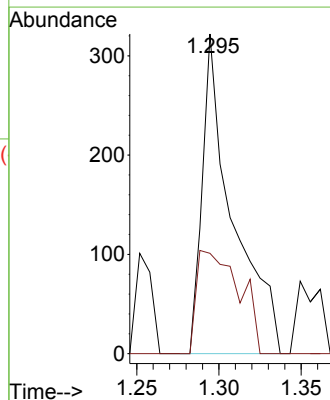
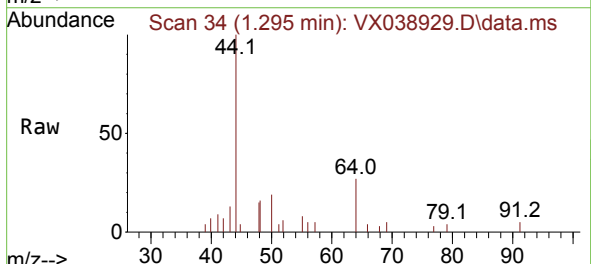
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 102189
Ion Ratio Lower Upper
168 100
99 66.0 56.6 85.0



#3
Chloromethane
Concen: 0.265 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Tgt Ion: 50 Resp: 412
Ion Ratio Lower Upper
50 100
52 31.4 25.5 38.3





#11

Tert butyl alcohol

Concen: 0.323 ug/l

RT: 2.965 min Scan# 306

Delta R.T. 0.012 min

Lab File: VX038929.D

Acq: 18 Nov 2023 15:32

Instrument :

MSVOA_X

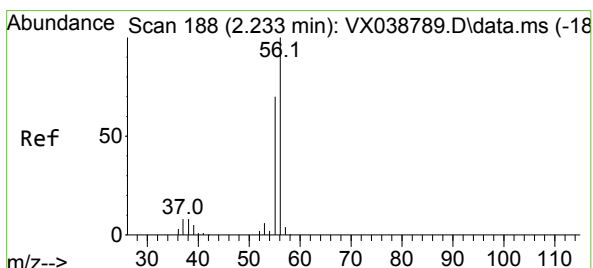
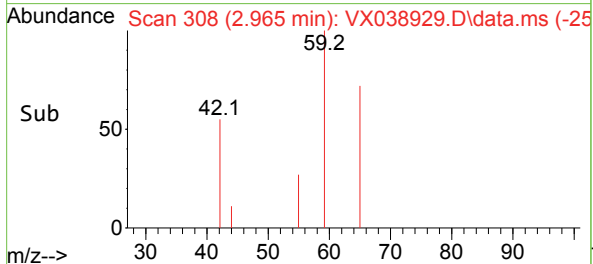
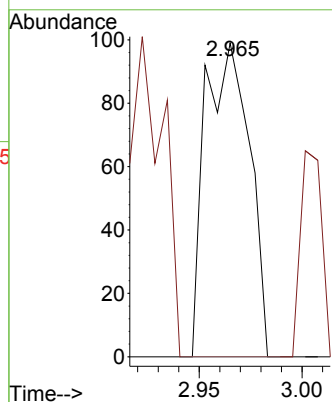
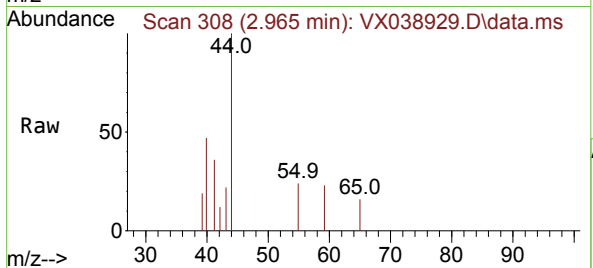
ClientSampleId :

Tgt Ion: 59 Resp: 148

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 1.325 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038929.D

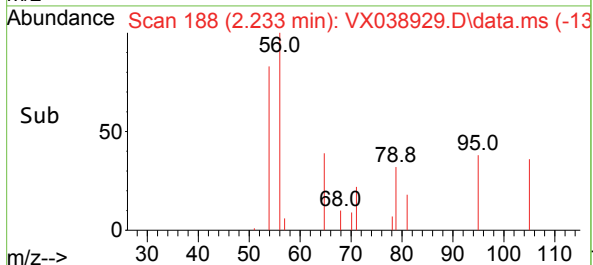
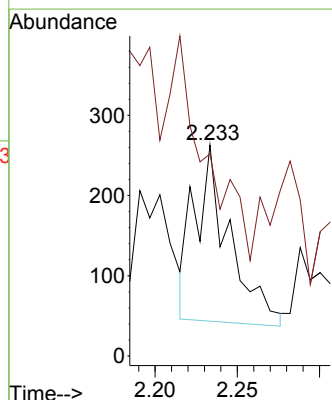
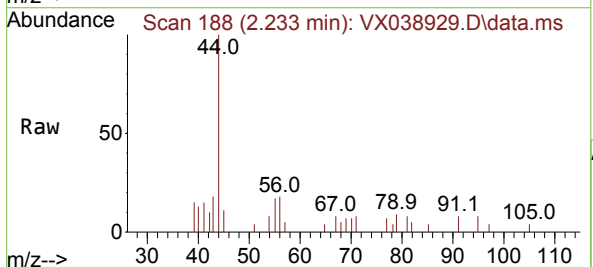
Acq: 18 Nov 2023 15:32

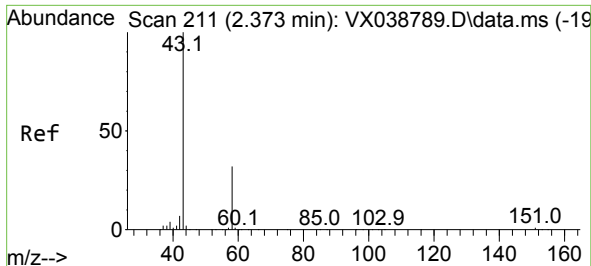
Tgt Ion: 56 Resp: 321

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#

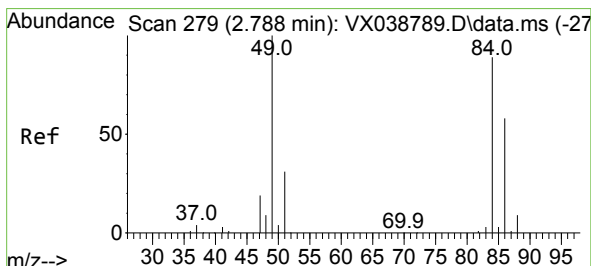
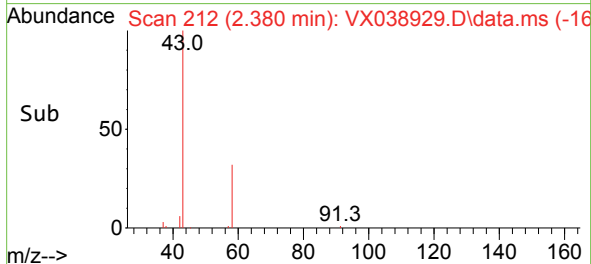
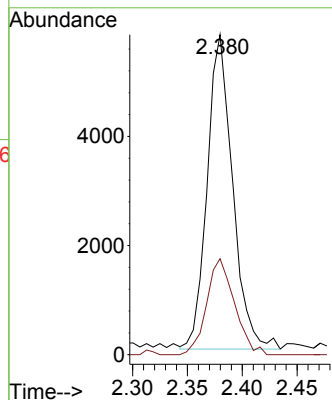
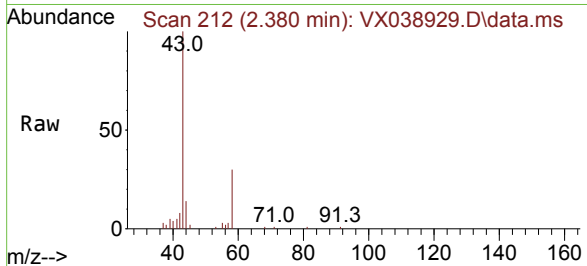




#16
Acetone
Concen: 10.629 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

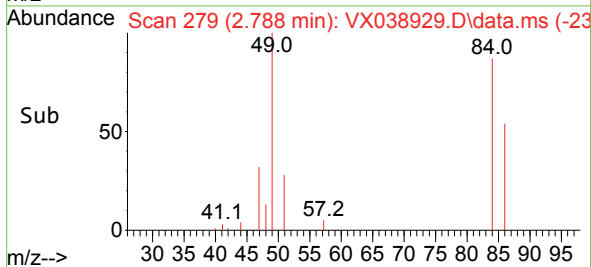
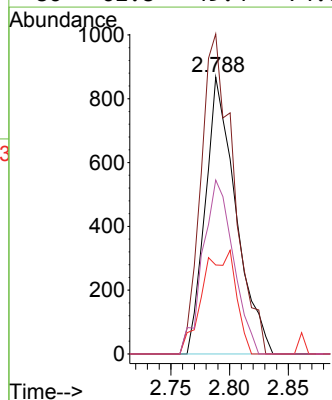
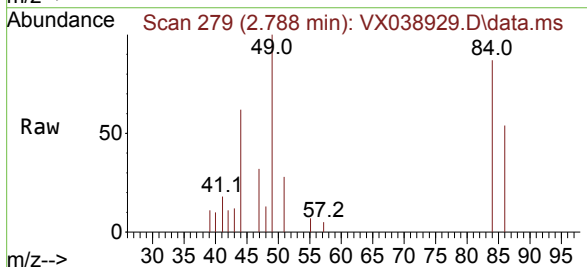
Instrument :
MSVOA_X
ClientSampleId :

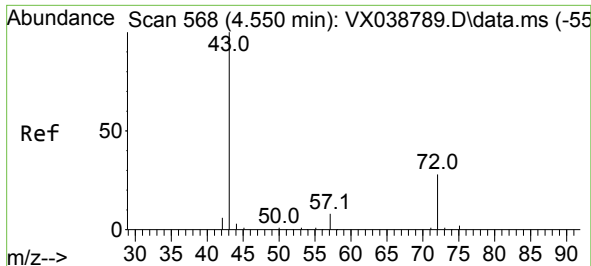
Tgt Ion: 43 Resp: 9317
Ion Ratio Lower Upper
43 100
58 30.5 21.9 32.9



#20
Methylene Chloride
Concen: 0.992 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Tgt Ion: 84 Resp: 1567
Ion Ratio Lower Upper
84 100
49 115.6 103.6 155.4
51 32.1 33.8 50.6#
86 62.8 49.4 74.0





#25

2-Butanone

Concen: 2.087 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.025 min

Lab File: VX038929.D

Acq: 18 Nov 2023 15:32

Instrument :

MSVOA_X

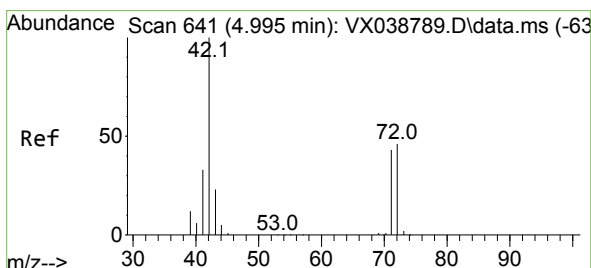
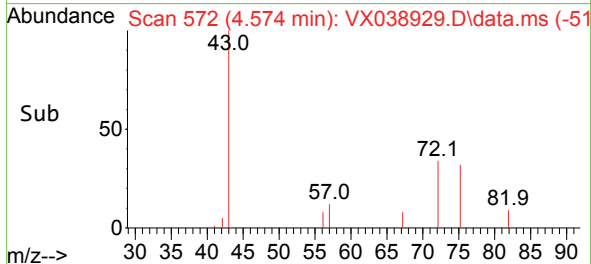
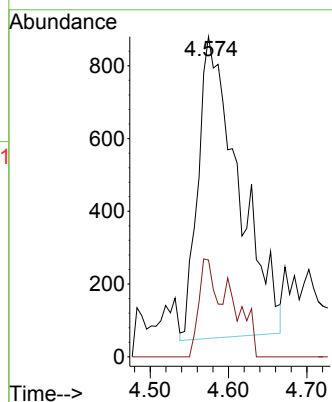
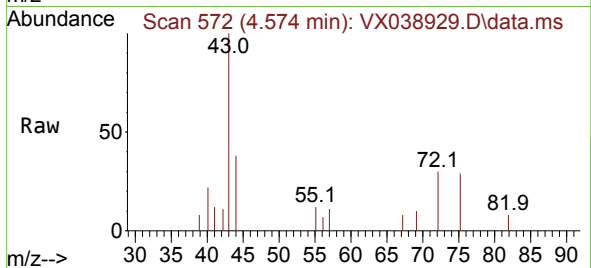
ClientSampleId :

Tgt Ion: 43 Resp: 2966

Ion Ratio Lower Upper

43 100

72 32.6 19.4 29.2#



#29

Tetrahydrofuran

Concen: 0.514 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.025 min

Lab File: VX038929.D

Acq: 18 Nov 2023 15:32

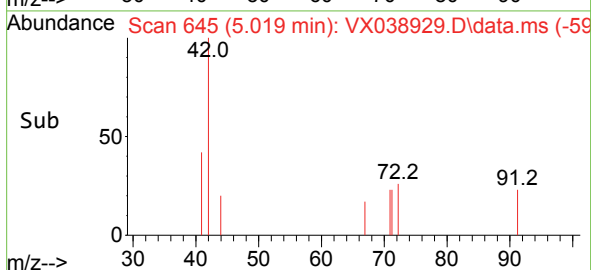
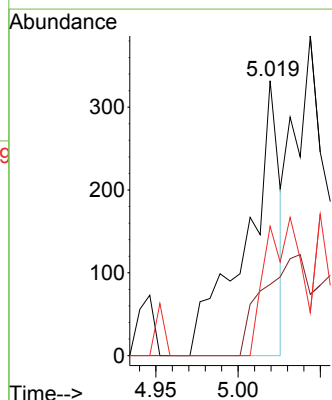
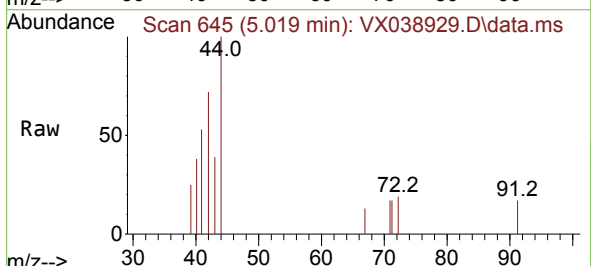
Tgt Ion: 42 Resp: 464

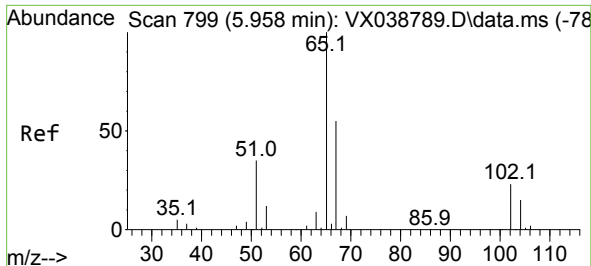
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 54.3 32.2 48.2#





#33

1,2-Dichloroethane-d4

Concen: 50.022 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038929.D

Acq: 18 Nov 2023 15:32

Instrument :

MSVOA_X

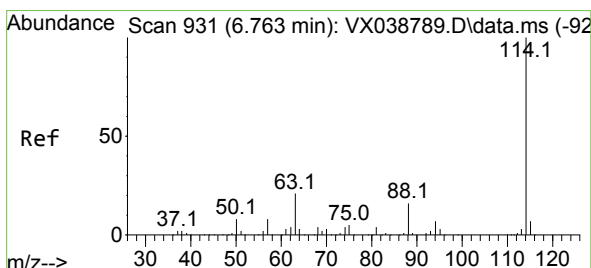
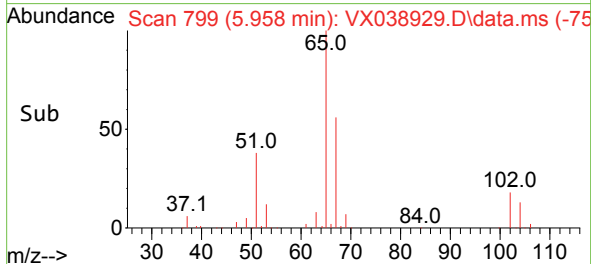
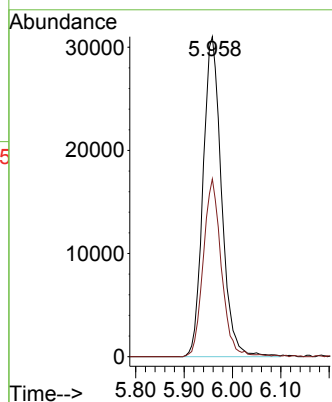
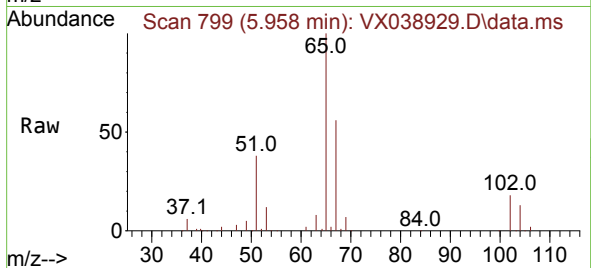
ClientSampleId :

Tgt Ion: 65 Resp: 82367

Ion Ratio Lower Upper

65 100

67 54.4 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: VX038929.D

Acq: 18 Nov 2023 15:32

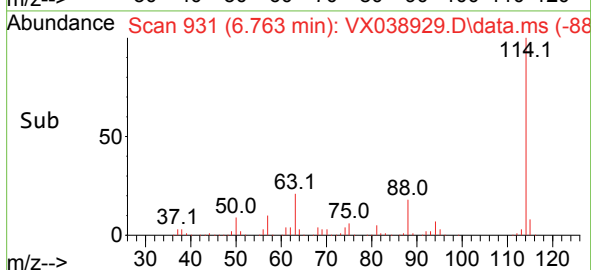
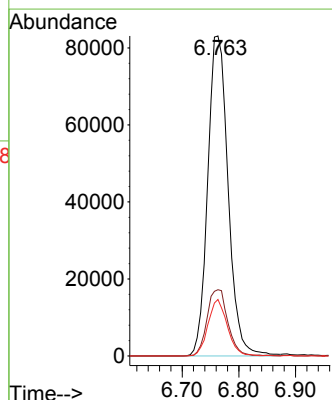
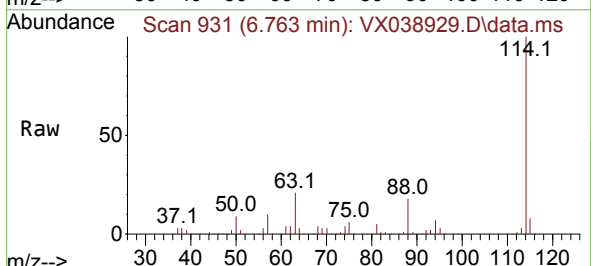
Tgt Ion: 114 Resp: 208198

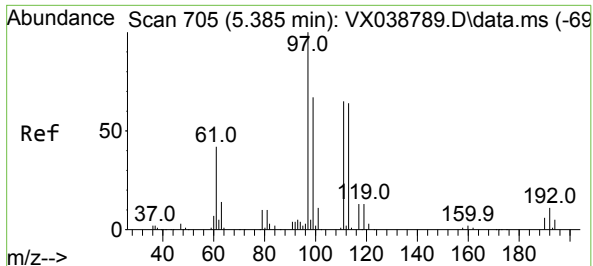
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

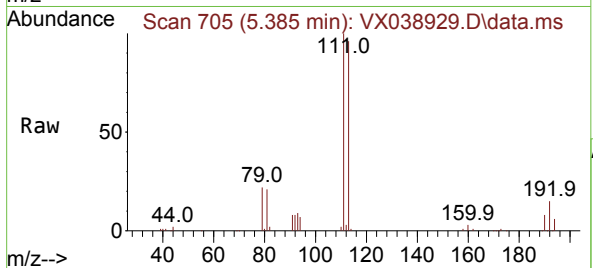
88 17.7 0.0 36.6



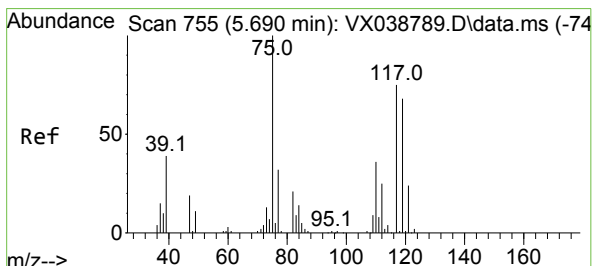
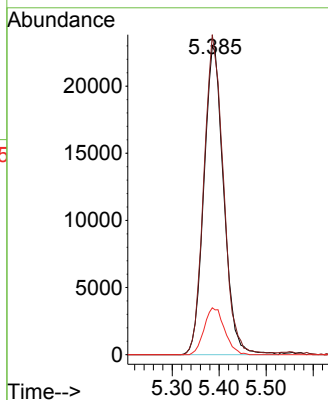
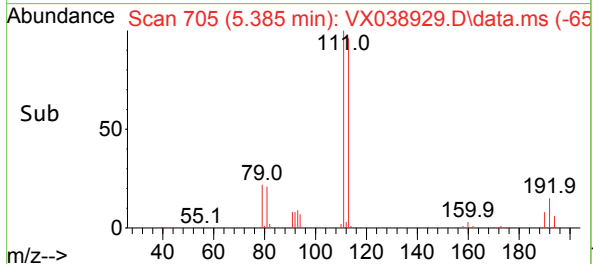


#35
Dibromofluoromethane
Concen: 44.686 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :

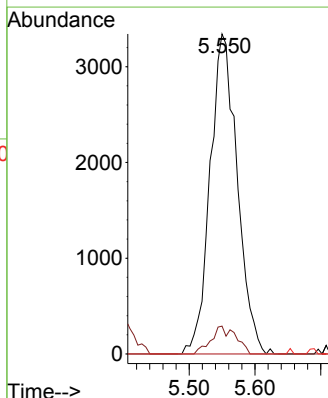
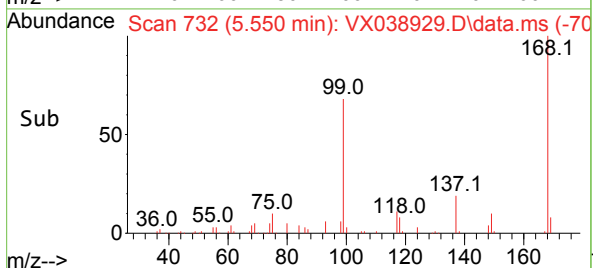
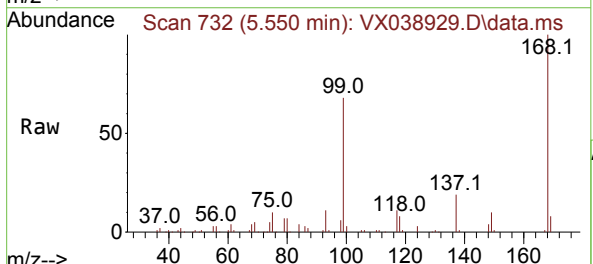


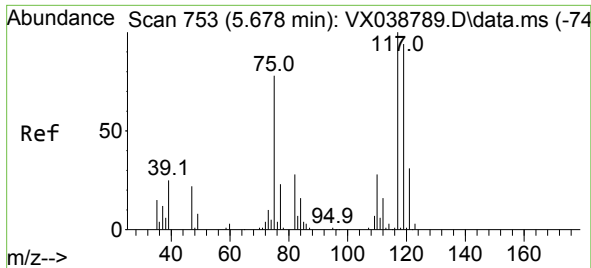
Tgt Ion:113 Resp: 67193
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 15.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

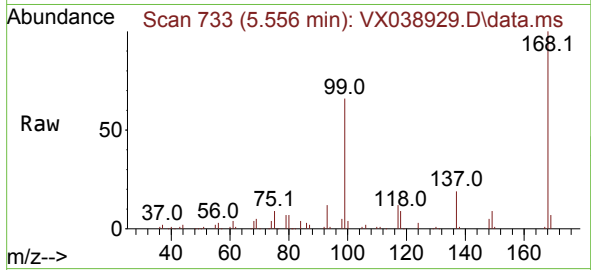
Tgt Ion: 75 Resp: 9604
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#



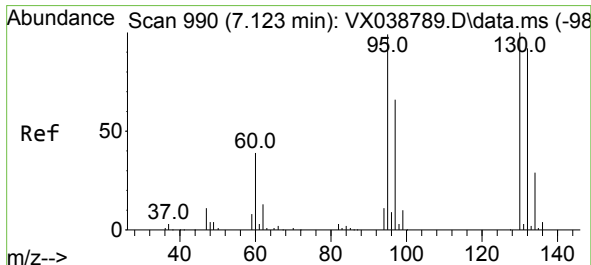
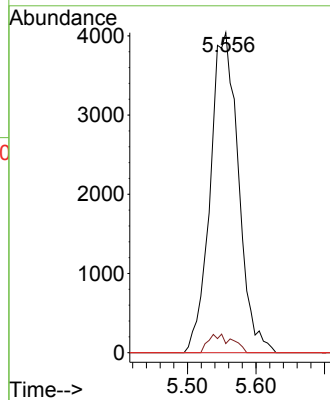
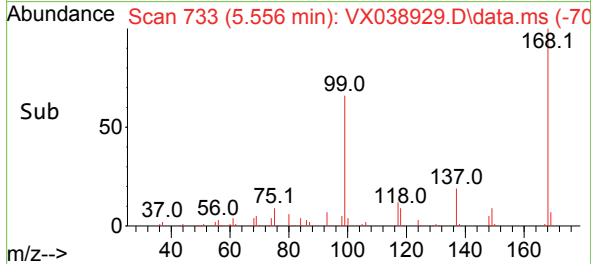


#38
Carbon Tetrachloride
Concen: 5.788 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :

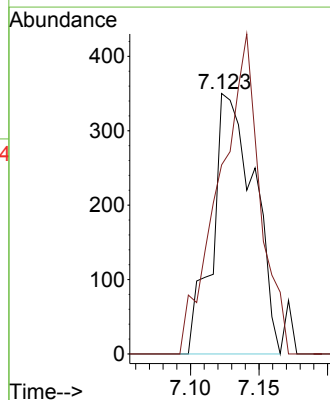
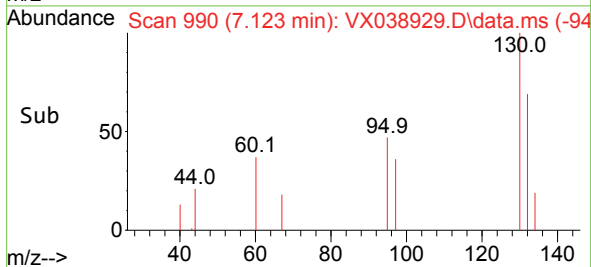
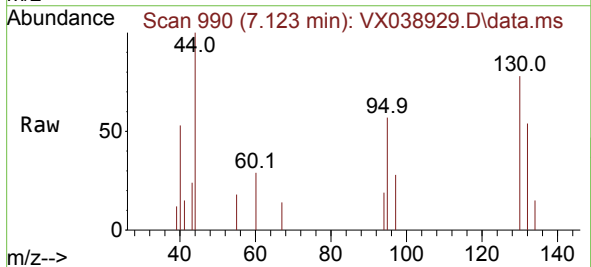


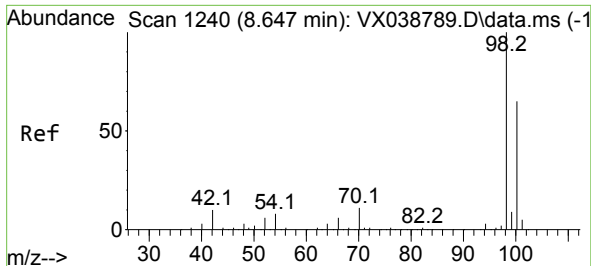
Tgt Ion:117 Resp: 11529
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.474 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Tgt Ion:130 Resp: 736
Ion Ratio Lower Upper
130 100
95 72.6 0.0 204.4

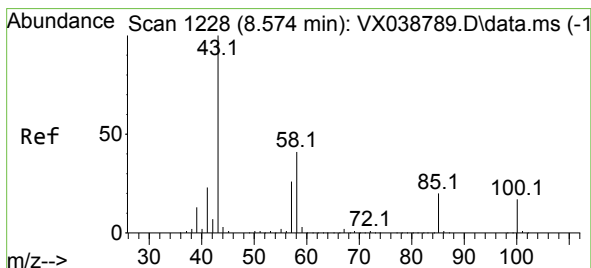
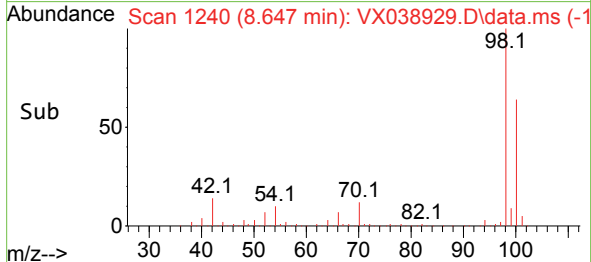
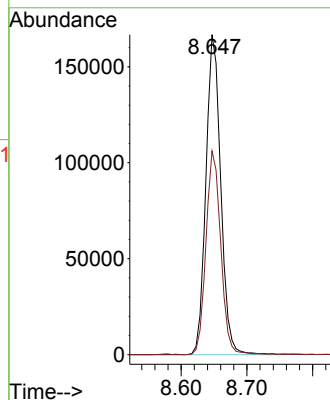
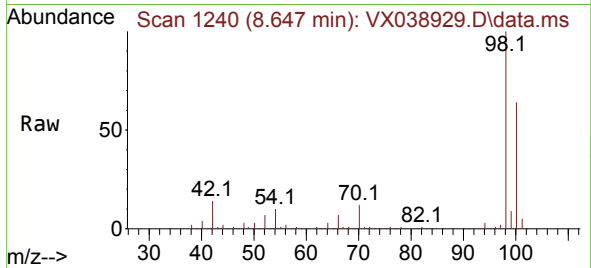




#50
Toluene-d8
Concen: 45.531 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

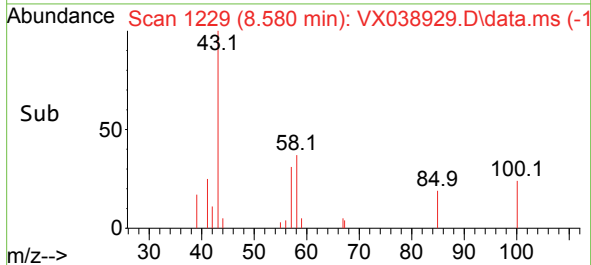
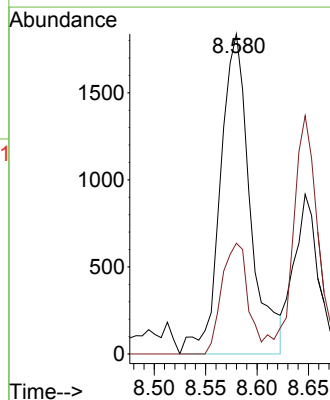
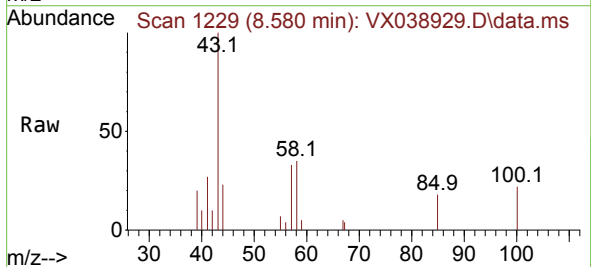
Instrument :
MSVOA_X
ClientSampleId :

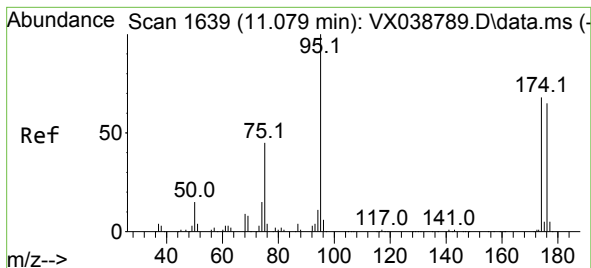
Tgt Ion: 98 Resp: 261940
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1.297 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
58 32.1 30.4 45.6

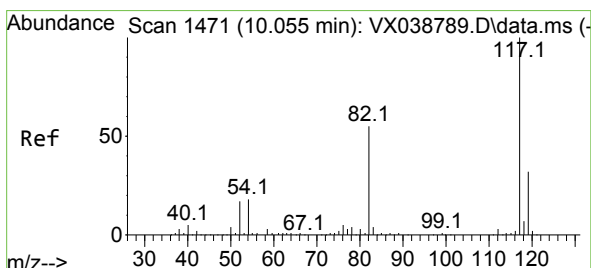
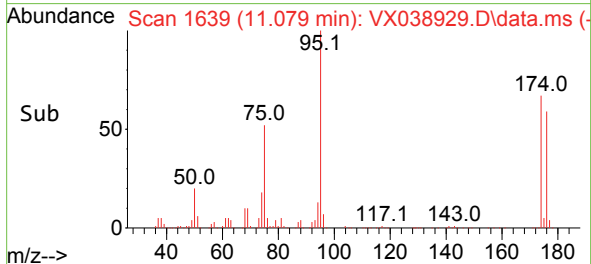
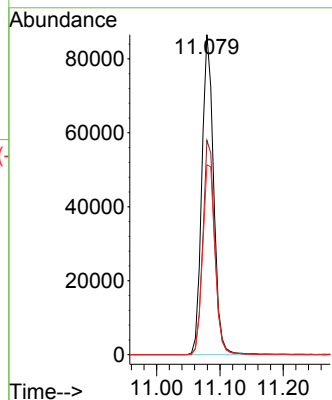
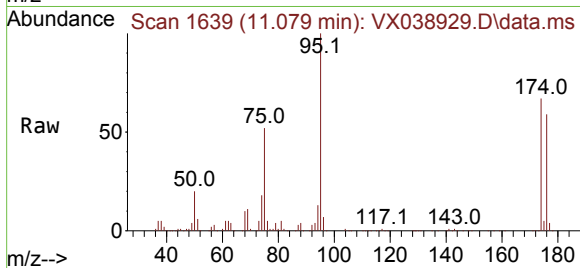




#62
4-Bromofluorobenzene
Concen: 48.848 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

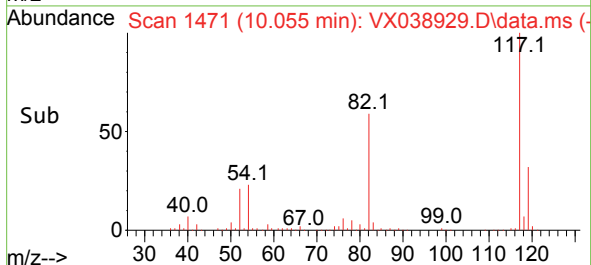
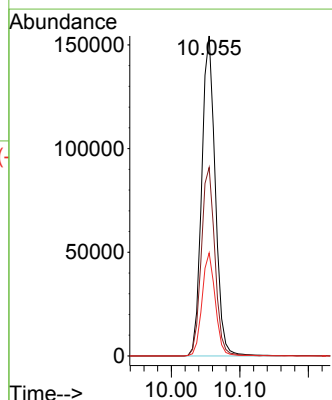
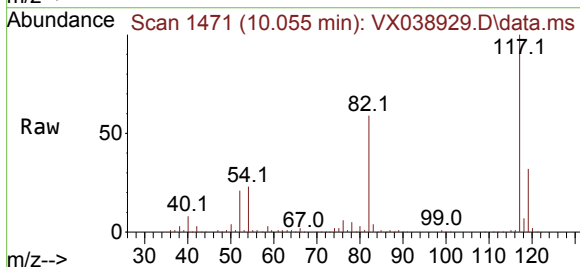
Instrument :
MSVOA_X
ClientSampleId :

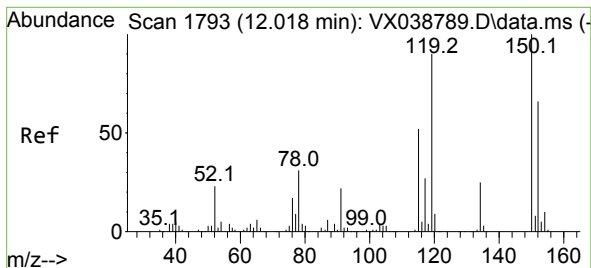
Tgt Ion: 95 Resp: 112497
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 62.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Tgt Ion: 117 Resp: 212558
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 32.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX038929.D

Acq: 18 Nov 2023 15:32

Instrument :

MSVOA_X

ClientSampleId :

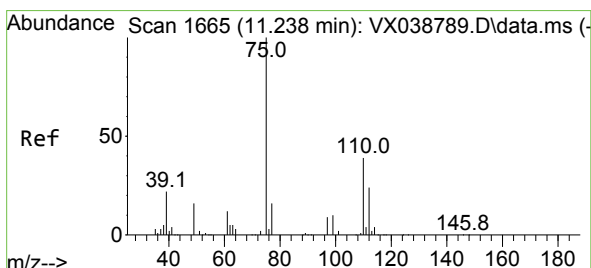
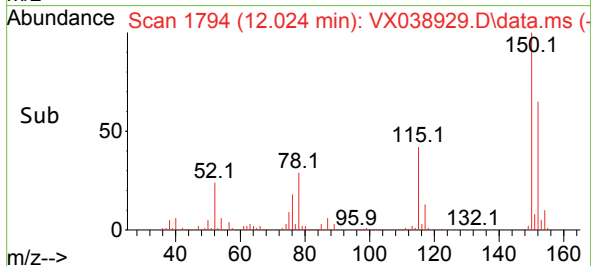
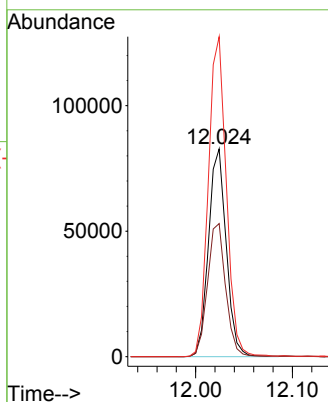
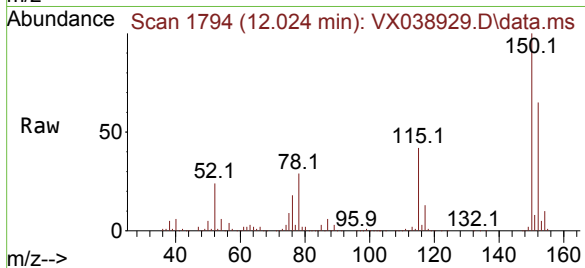
Tgt Ion:152 Resp: 105482

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 155.6 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.091 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX038929.D

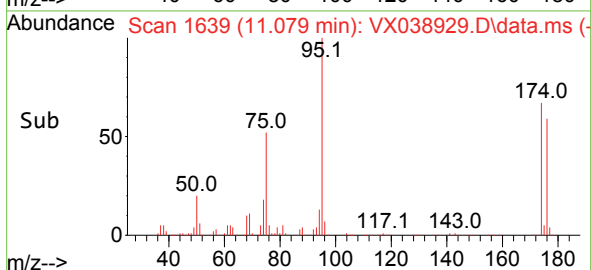
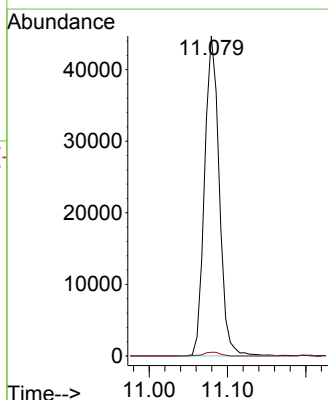
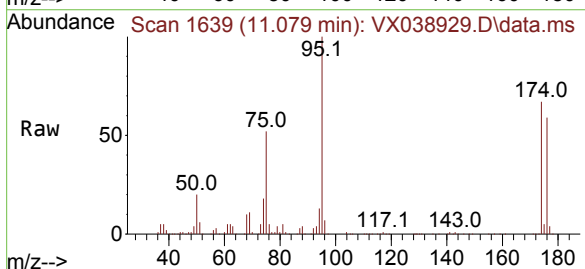
Acq: 18 Nov 2023 15:32

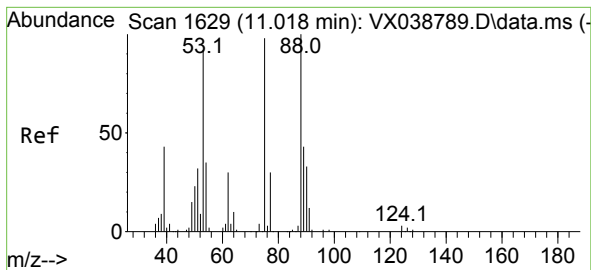
Tgt Ion: 75 Resp: 58137

Ion Ratio Lower Upper

75 100

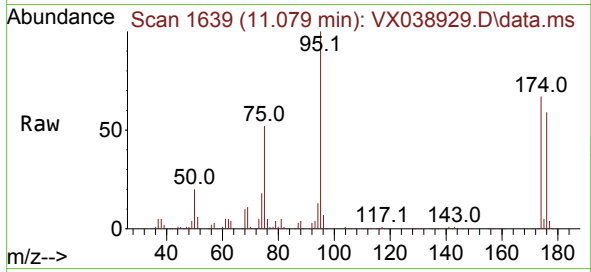
77 1.3 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 48.999 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX038929.D
Acq: 18 Nov 2023 15:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 58137
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#

