

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
 Data File : VX037858.D
 Acq On : 21 Sep 2023 16:22
 Operator : JC/MD
 Sample : 04555-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 22 04:46:18 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)

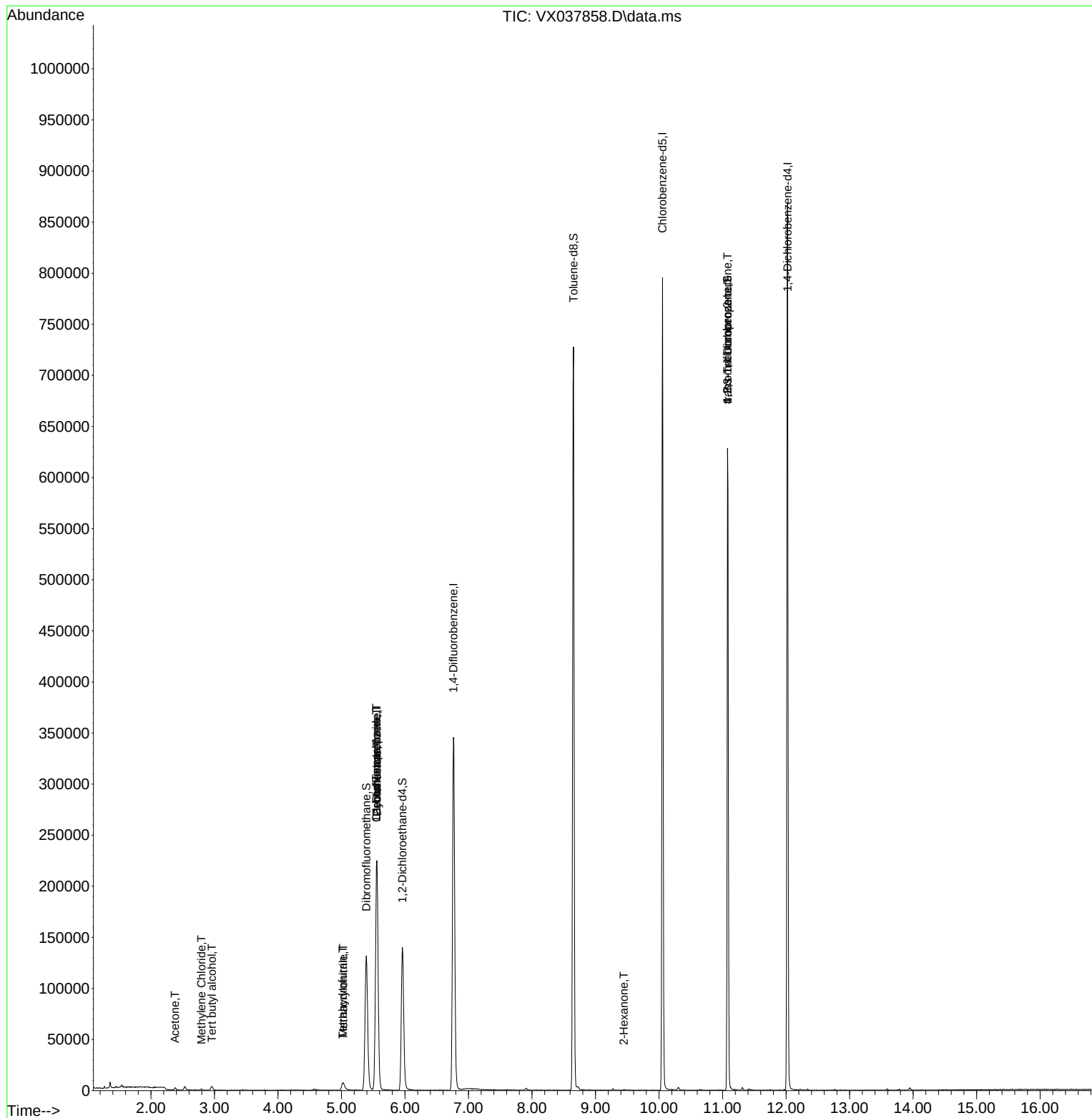
Internal Standards						
1) Pentafluorobenzene	5.556	168	218922	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	368705	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185290	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135186	47.000	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.000%
35) Dibromofluoromethane	5.391	113	115397	46.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.653	98	445322	48.581	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.160%
62) 4-Bromofluorobenzene	11.079	95	165206	49.597	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	4420	7.159	ug/l	# 87
16) Acetone	2.380	43	2127	1.537	ug/l	90
20) Methylene Chloride	2.794	84	628	0.220	ug/l	# 57
29) Tetrahydrofuran	5.019	42	7271	5.987	ug/l	90
31) Cyclohexane	5.556	56	4569	1.238	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	17118	5.037	ug/l	# 50
38) Carbon Tetrachloride	5.550	117	22178	6.237	ug/l	# 14
41) Methacrylonitrile	5.025	41	4576	2.402	ug/l	# 54
59) 2-Hexanone	9.445	43	676	0.229	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	84174	19.641	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	84174	62.918	ug/l	# 5

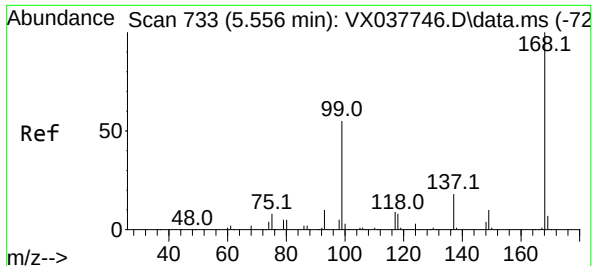
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092123\
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Quant Time: Sep 22 04:46:18 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: VX037858.D

Acq: 21 Sep 2023 16:22

Instrument :

MSVOA_X

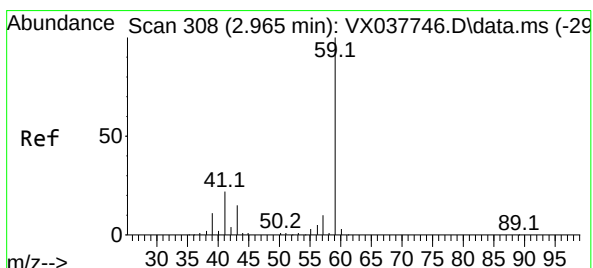
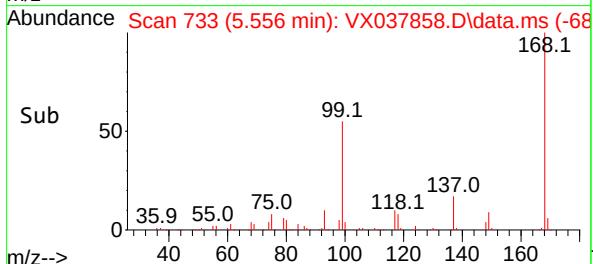
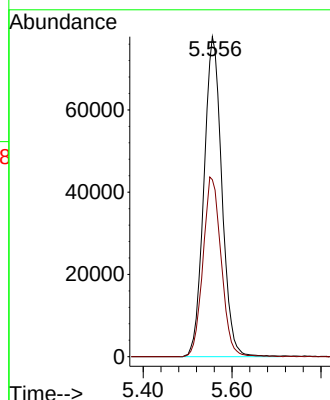
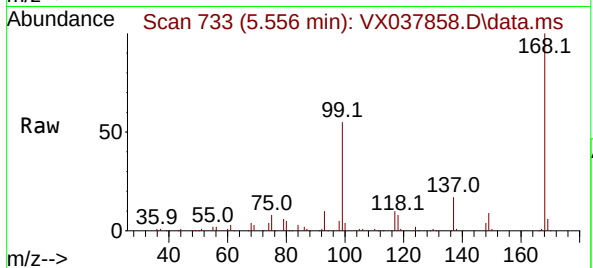
ClientSampleId :

Tgt Ion:168 Resp: 218922

Ion Ratio Lower Upper

168 100

99 55.3 56.6 85.0#



#11

Tert butyl alcohol

Concen: 7.159 ug/l

RT: 2.959 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX037858.D

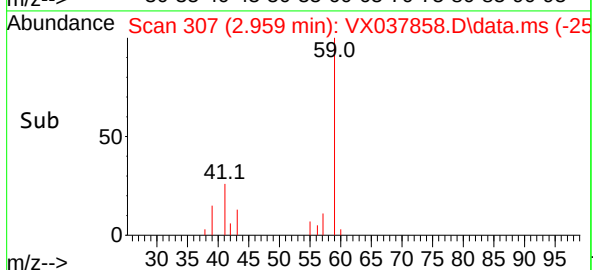
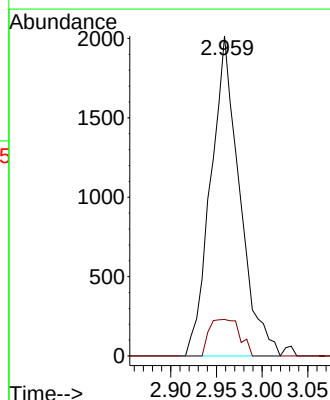
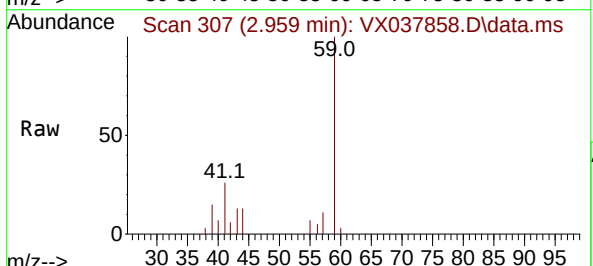
Acq: 21 Sep 2023 16:22

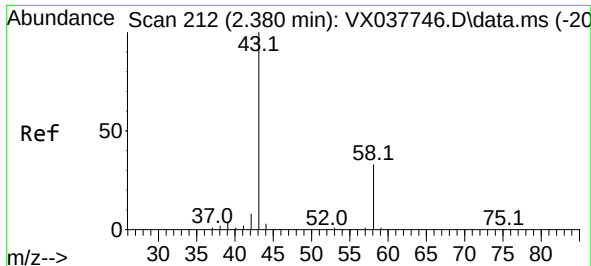
Tgt Ion: 59 Resp: 4420

Ion Ratio Lower Upper

59 100

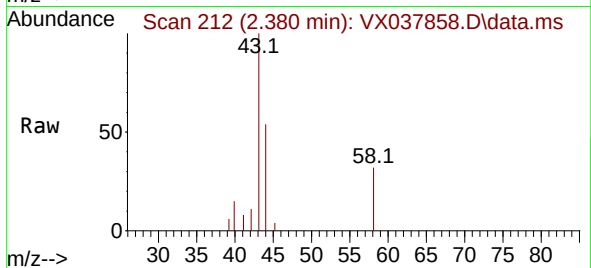
57 12.1 6.0 9.0#



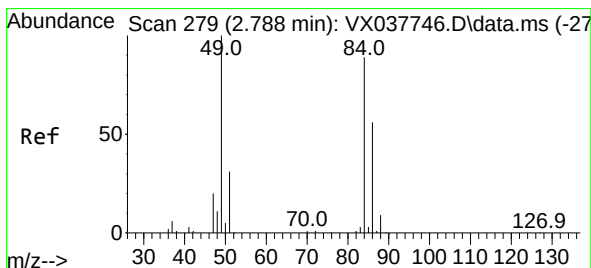
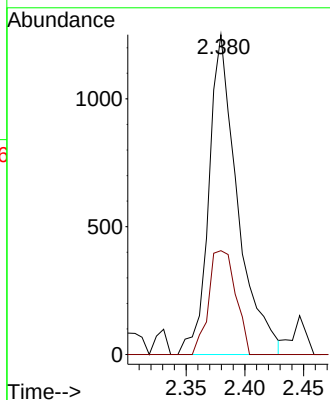
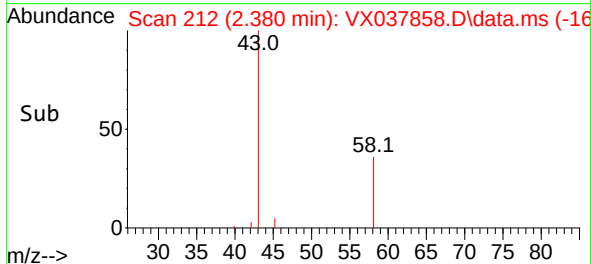


#16
Acetone
Concen: 1.537 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

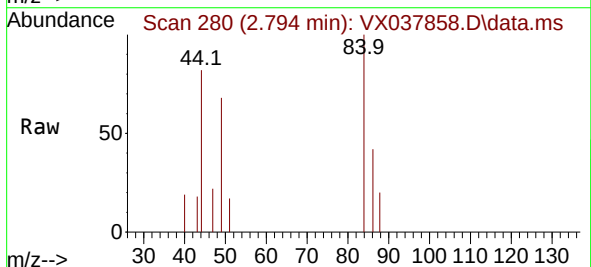
Instrument :
MSVOA_X
ClientSampleId :



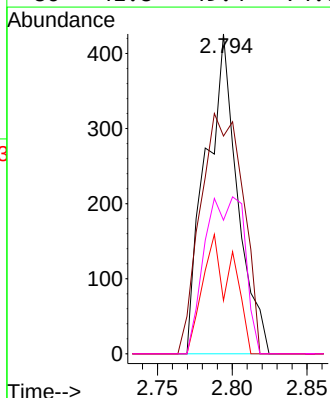
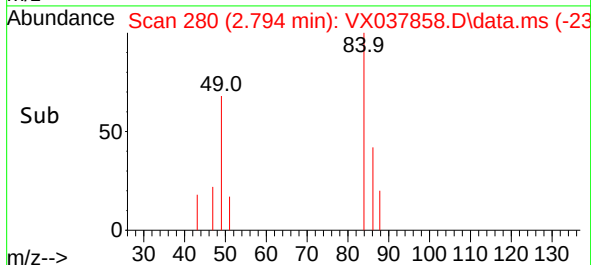
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

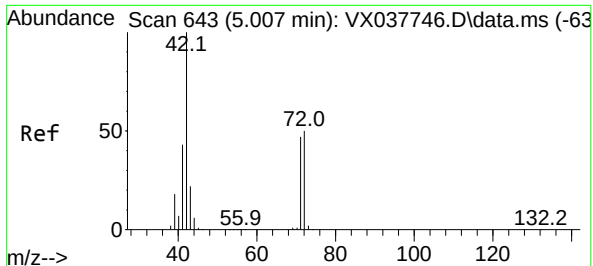


#20
Methylene Chloride
Concen: 0.220 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22



Tgt Ion: 84 Resp: 628
Ion Ratio Lower Upper
84 100
49 68.1 103.6 155.4#
51 16.7 33.8 50.6#
86 41.8 49.4 74.0#





#29

Tetrahydrofuran

Concen: 5.987 ug/l

RT: 5.019 min Scan# 643

Delta R.T. 0.006 min

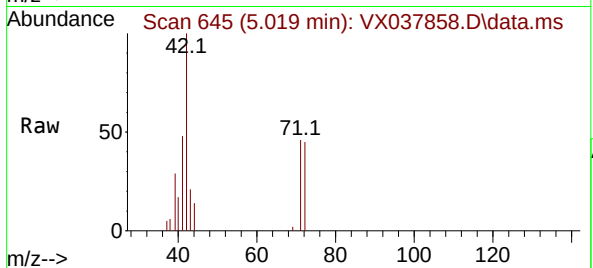
Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :



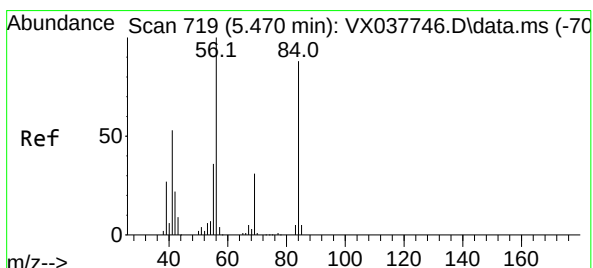
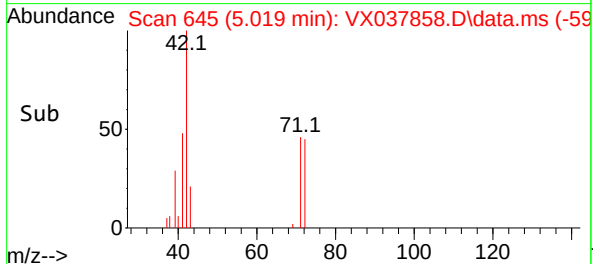
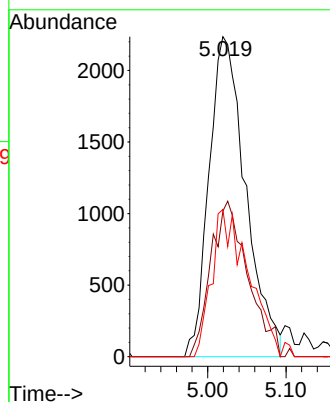
Tgt Ion: 42 Resp: 7271

Ion Ratio Lower Upper

42 100

72 49.2 34.2 51.4

71 46.2 32.2 48.2



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

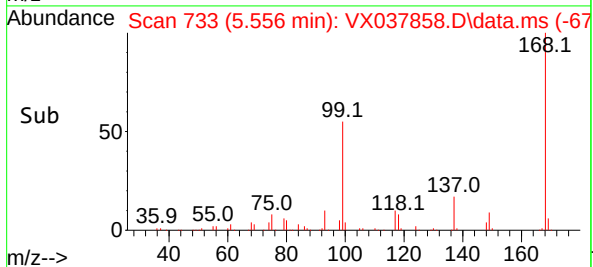
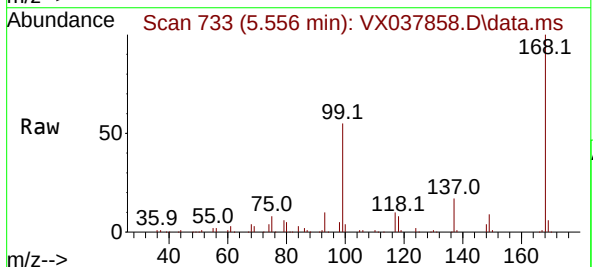
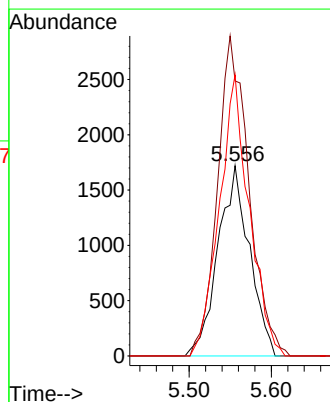
Tgt Ion: 56 Resp: 4569

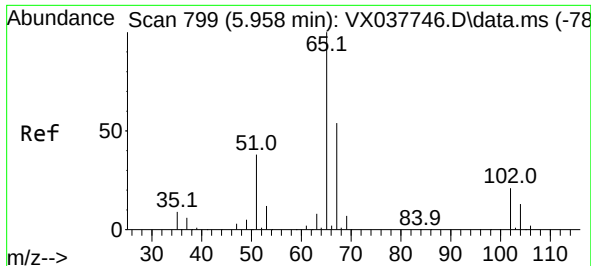
Ion Ratio Lower Upper

56 100

69 144.5 23.4 35.2#

84 147.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.000 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

Instrument :

MSVOA_X

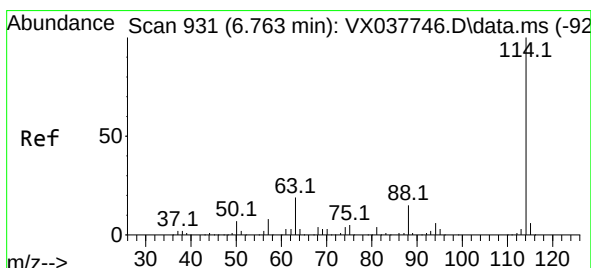
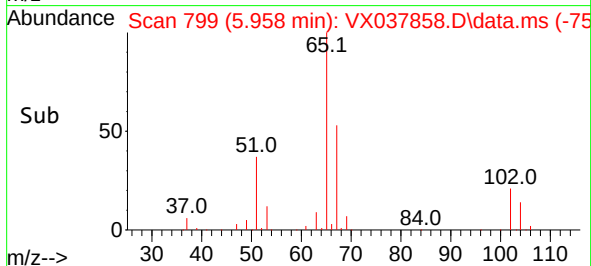
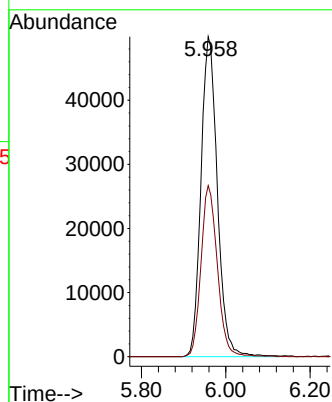
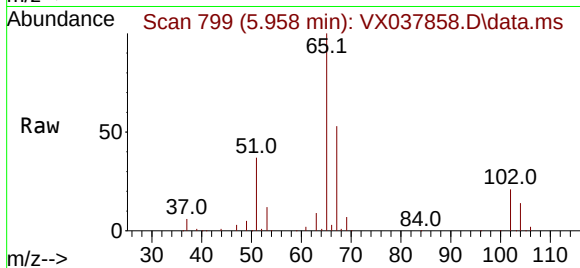
ClientSampleId :

Tgt Ion: 65 Resp: 135186

Ion Ratio Lower Upper

65 100

67 53.2 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: VX037858.D

Acq: 21 Sep 2023 16:22

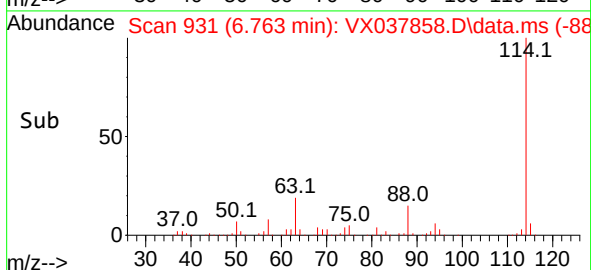
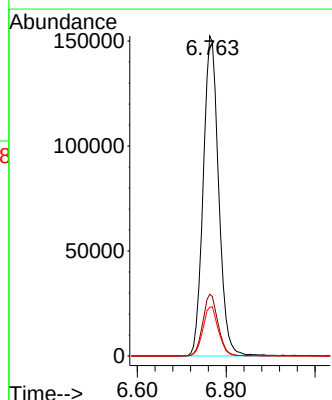
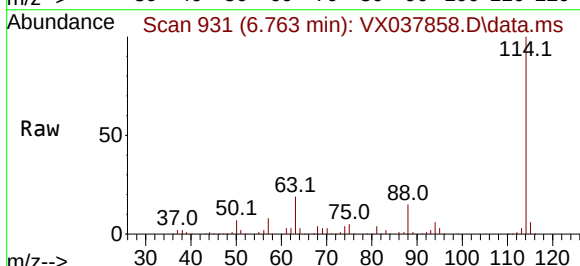
Tgt Ion: 114 Resp: 368705

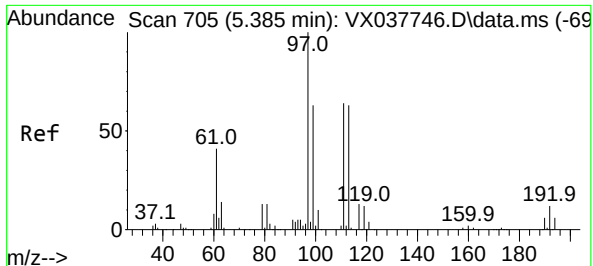
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

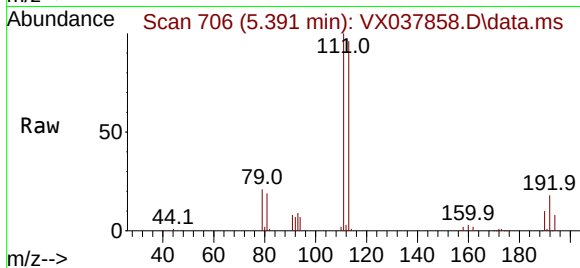
88 15.2 0.0 36.6



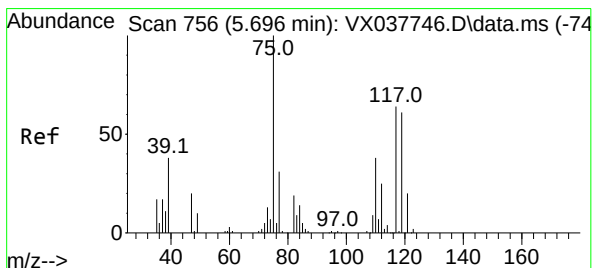
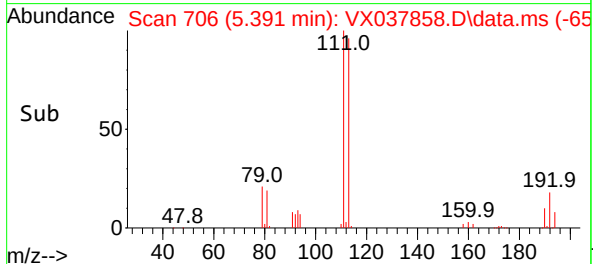
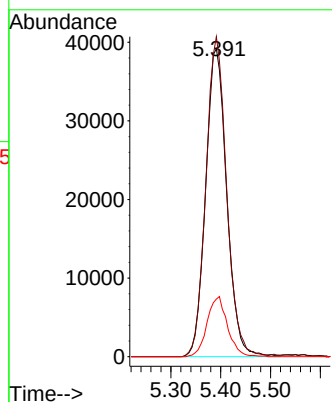


#35
Dibromofluoromethane
Concen: 46.776 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Instrument :
MSVOA_X
ClientSampleId :

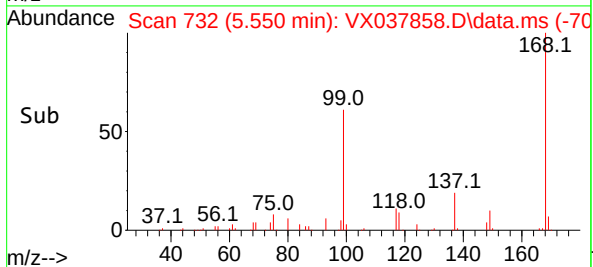
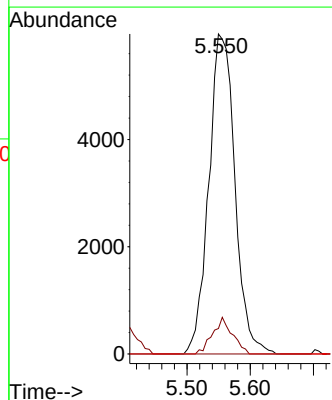
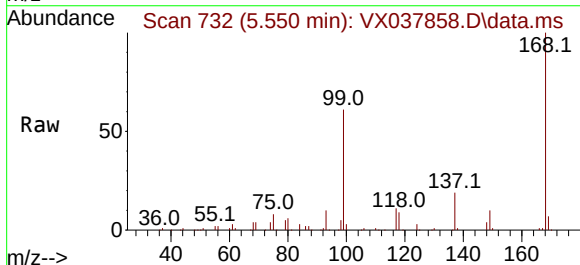


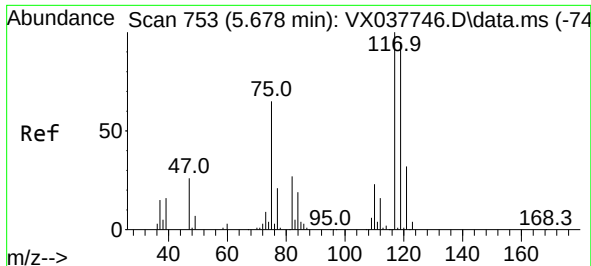
Tgt Ion:113 Resp: 115397
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 18.9 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

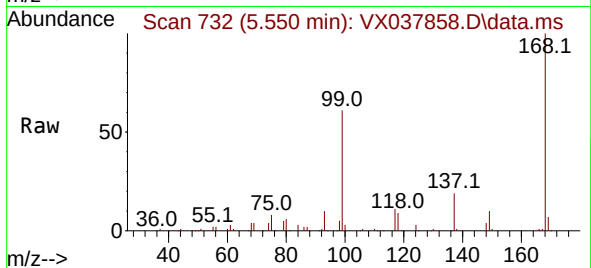
Tgt Ion: 75 Resp: 17118
Ion Ratio Lower Upper
75 100
110 8.7 17.0 50.9#
77 0.0 24.7 37.1#



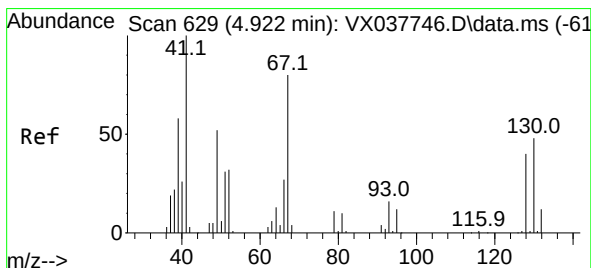
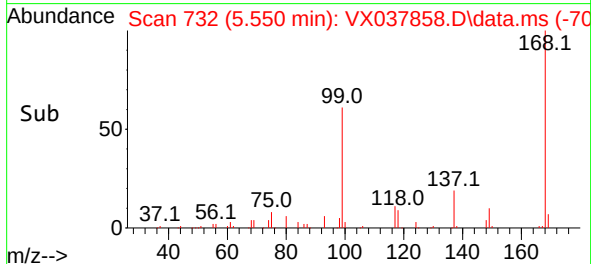
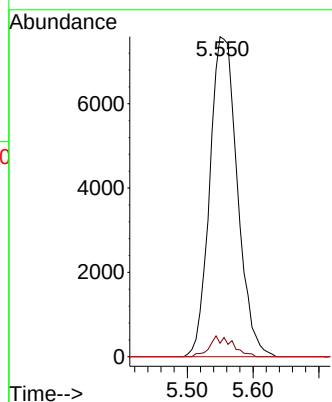


#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Instrument :
MSVOA_X
ClientSampleId :

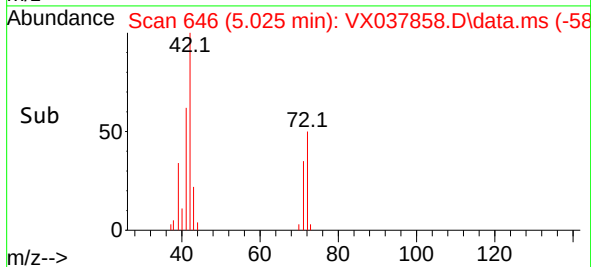
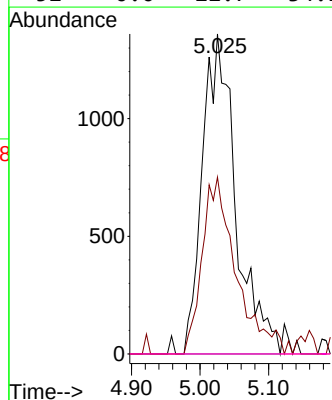
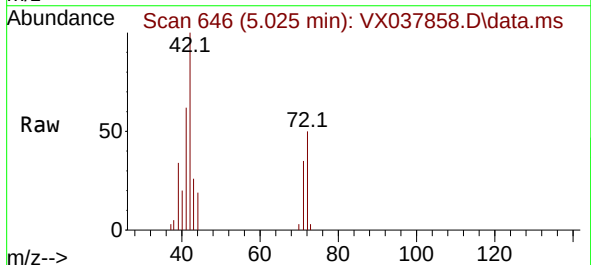


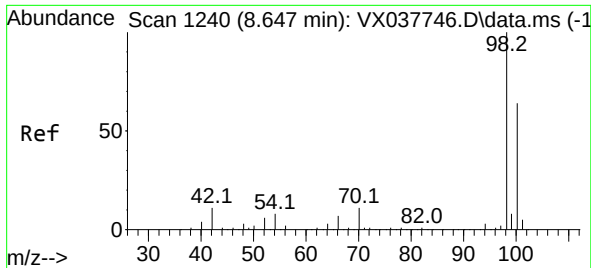
Tgt Ion:117 Resp: 22178
Ion Ratio Lower Upper
117 100
119 4.2 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 2.402 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.079 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Tgt Ion: 41 Resp: 4576
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

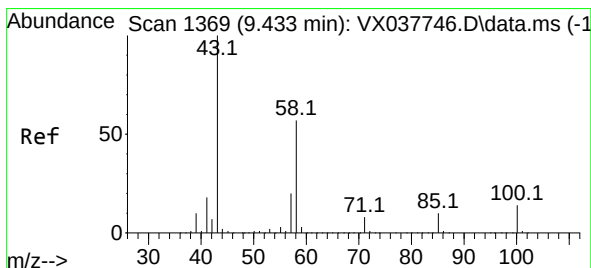
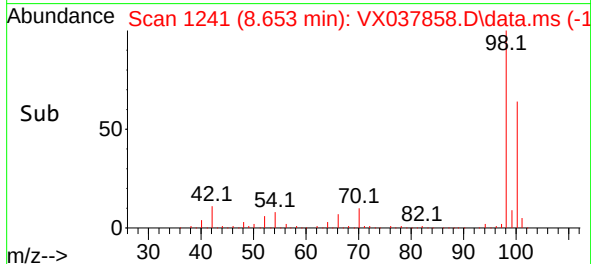
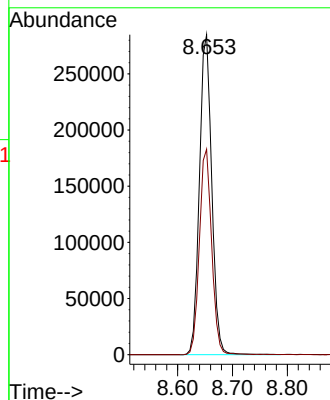
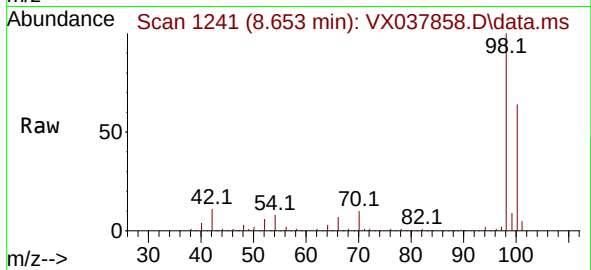




#50
Toluene-d8
Concen: 48.581 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

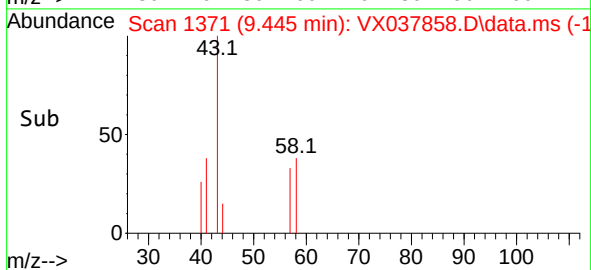
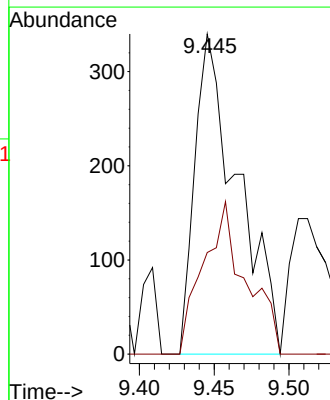
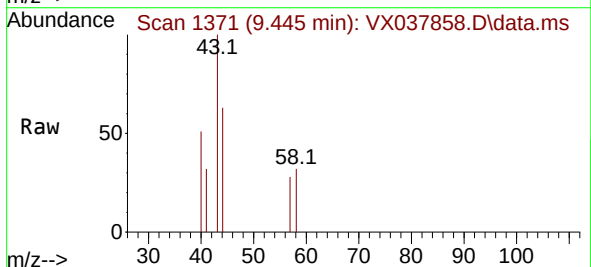
Instrument :
MSVOA_X
ClientSampleId :

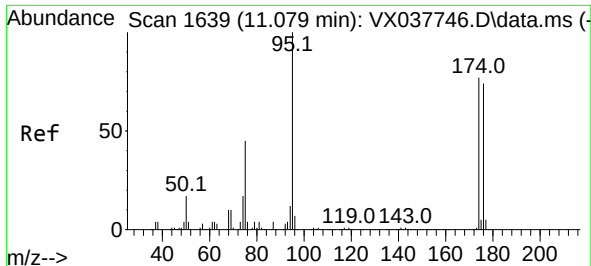
Tgt Ion: 98 Resp: 445322
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#59
2-Hexanone
Concen: 0.229 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.012 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Tgt Ion: 43 Resp: 676
Ion Ratio Lower Upper
43 100
58 47.3 26.2 78.5

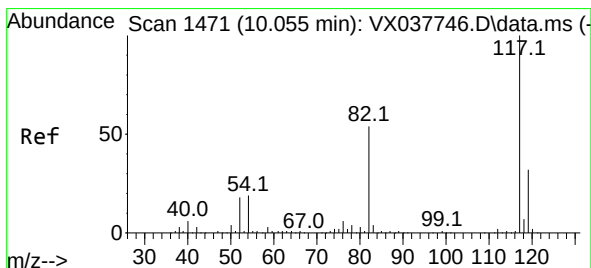
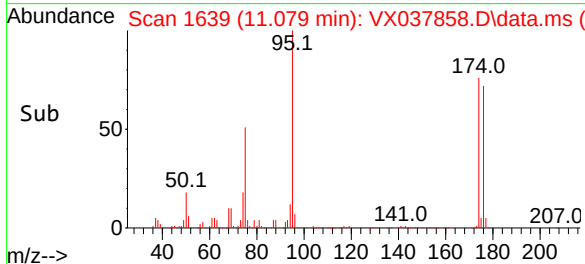
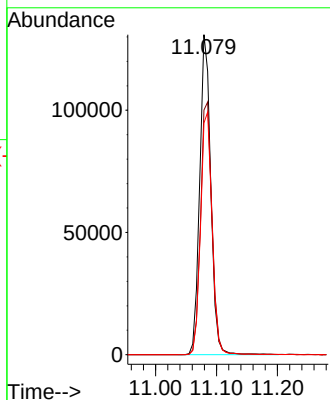
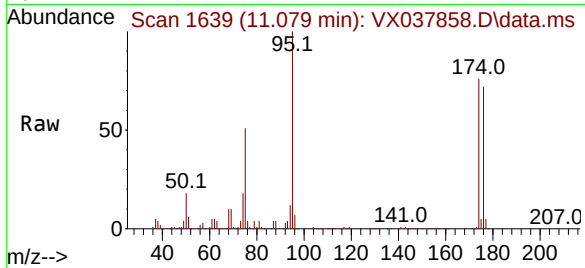




#62
4-Bromofluorobenzene
Concen: 49.597 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

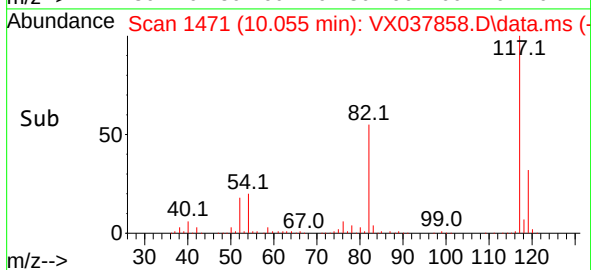
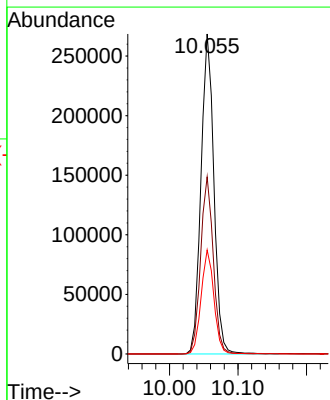
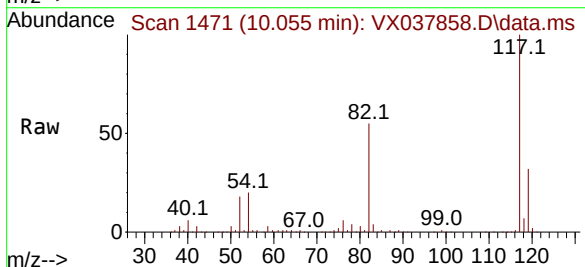
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MSVOA_X
ClientSampleId :

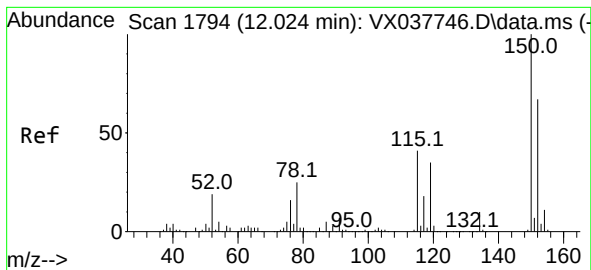
Tgt Ion: 95 Resp: 165206
Ion Ratio Lower Upper
95 100
174 82.6 0.0 135.6
176 78.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037858.D
Acq: 21 Sep 2023 16:22

Tgt Ion: 117 Resp: 352367
Ion Ratio Lower Upper
117 100
82 55.4 46.2 69.4
119 32.5 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX037858.D

Acq: 21 Sep 2023 16:22

Instrument :

MSVOA_X

ClientSampleId :

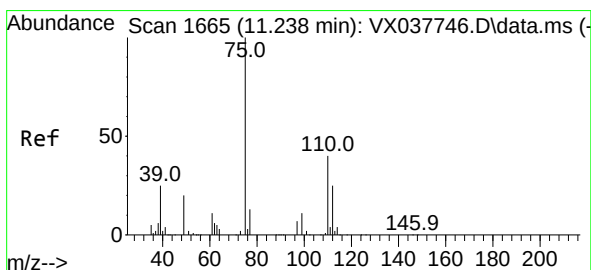
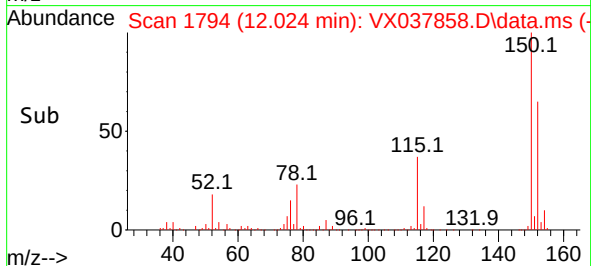
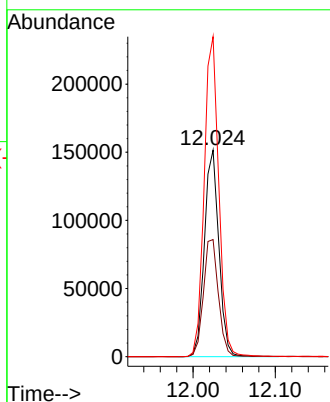
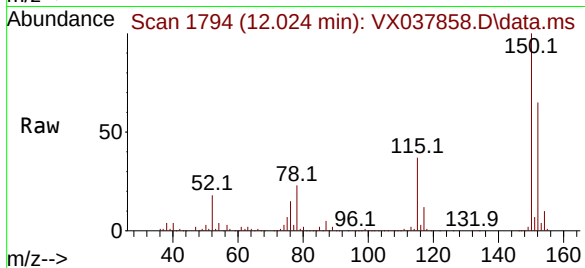
Tgt Ion:152 Resp: 185290

Ion Ratio Lower Upper

152 100

115 58.8 43.3 129.9

150 156.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 19.641 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037858.D

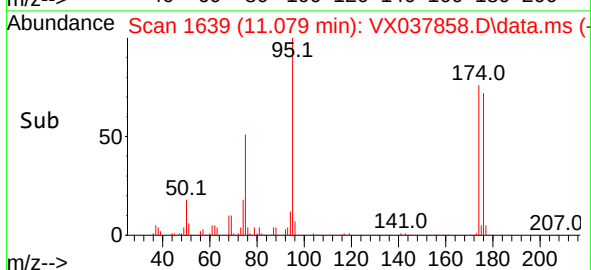
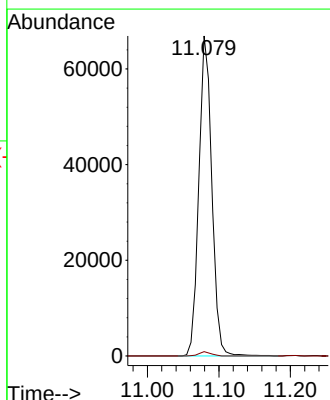
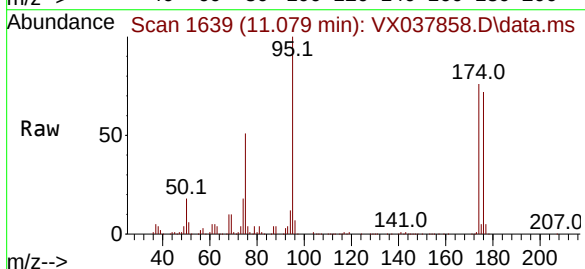
Acq: 21 Sep 2023 16:22

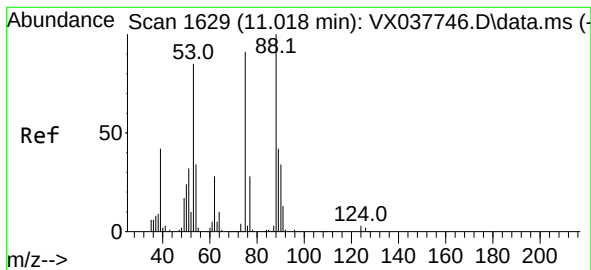
Tgt Ion: 75 Resp: 84174

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.918 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037858.D
 Acq: 21 Sep 2023 16:22

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 84174
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

