

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039438.D
 Acq On : 22 Dec 2023 14:32
 Operator : JC/MD
 Sample : 05966-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:25:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

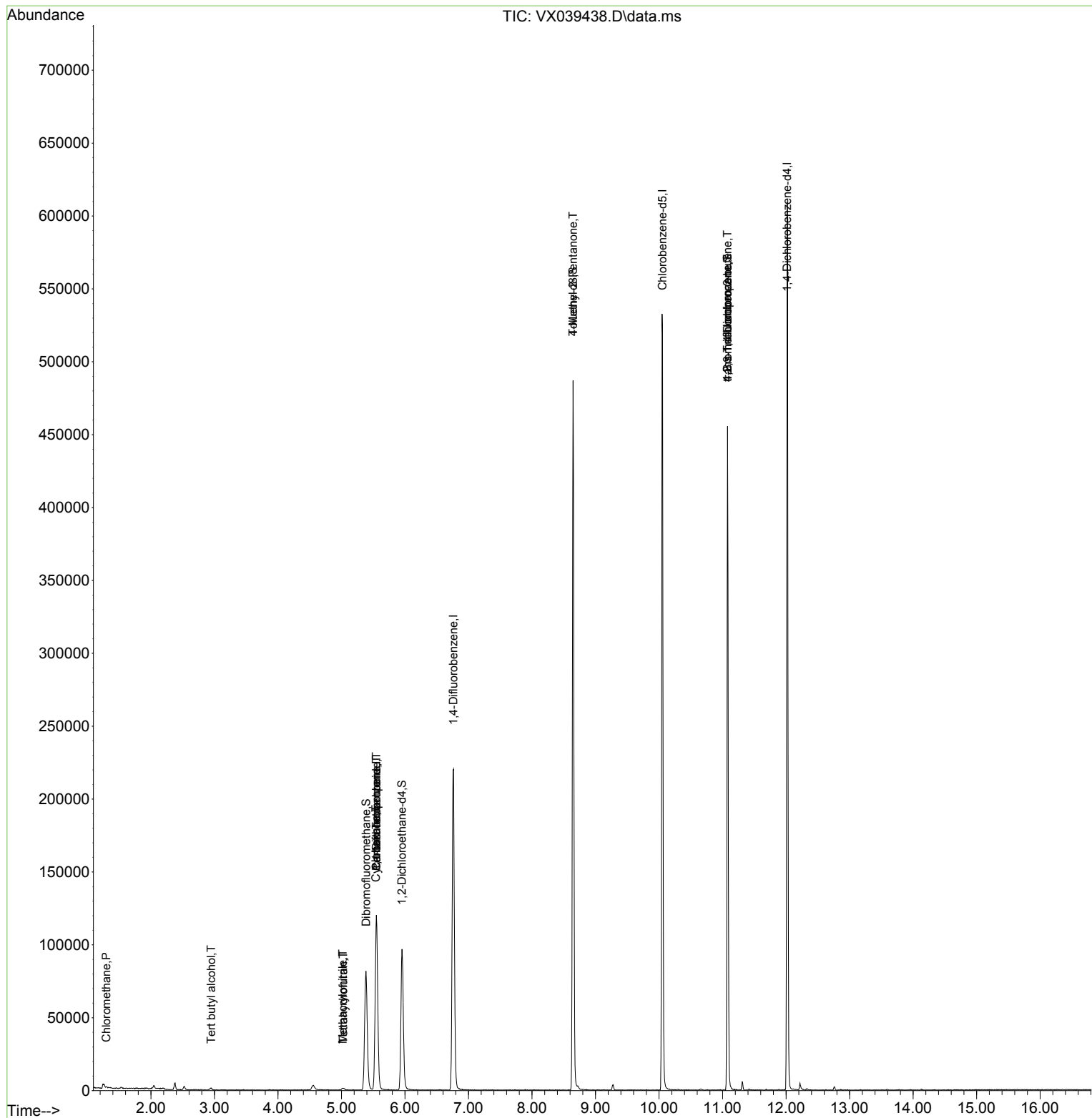
Internal Standards						
1) Pentafluorobenzene	5.550	168	99816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	218657	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	113493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92898	50.804	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.600%	
35) Dibromofluoromethane	5.385	113	70603	46.739	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.480%	
50) Toluene-d8	8.647	98	276749	49.348	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.700%	
62) 4-Bromofluorobenzene	11.079	95	123672	53.448	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	106.900%	
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	525	0.338	ug/l	100
11) Tert butyl alcohol	2.947	59	973	2.119	ug/l #	78
16) Acetone	2.373	43	5107	Below Cal		91
29) Tetrahydrofuran	5.025	42	1307	1.500	ug/l #	93
31) Cyclohexane	5.544	56	3170	1.342	ug/l #	31
36) 1,1-Dichloropropene	5.550	75	10144	4.255	ug/l #	49
38) Carbon Tetrachloride	5.550	117	12054	5.299	ug/l #	15
41) Methacrylonitrile	5.019	41	768	0.489	ug/l #	42
51) 4-Methyl-2-Pentanone	8.647	43	1479	0.485	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	68333	23.272	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	68333	65.650	ug/l #	5

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

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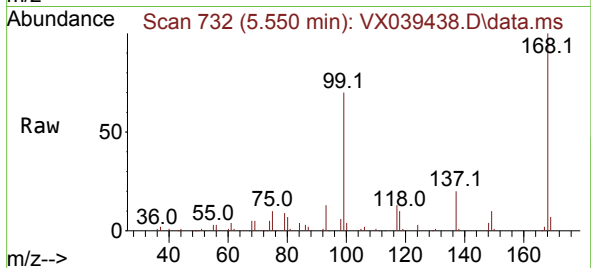
Quant Time: Dec 23 06:25:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
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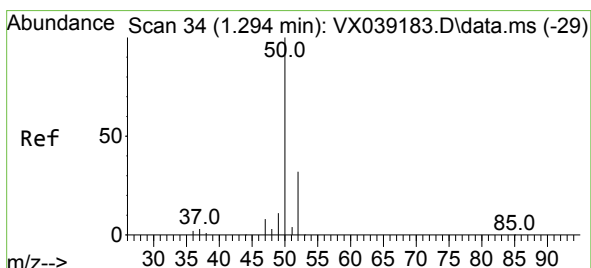
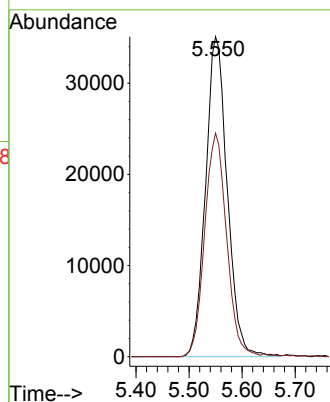
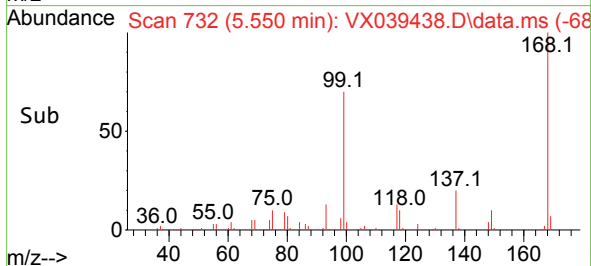


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :

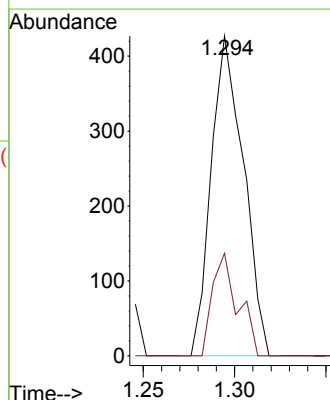
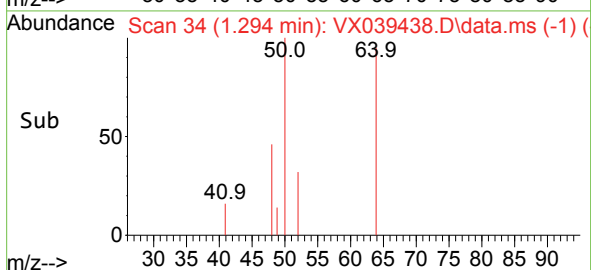
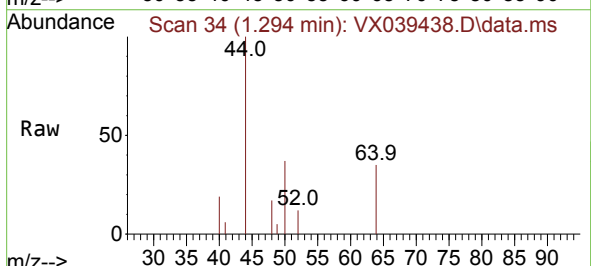


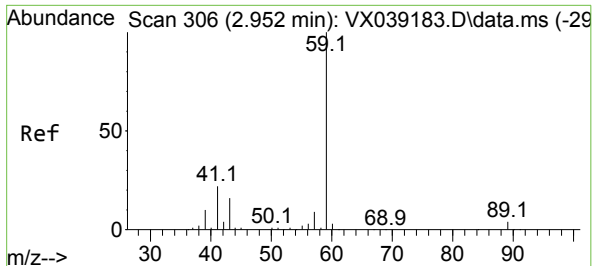
Tgt Ion:168 Resp: 99816
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#3
Chloromethane
Concen: 0.338 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 32.1 25.5 38.3





#11

Tert butyl alcohol

Concen: 2.119 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

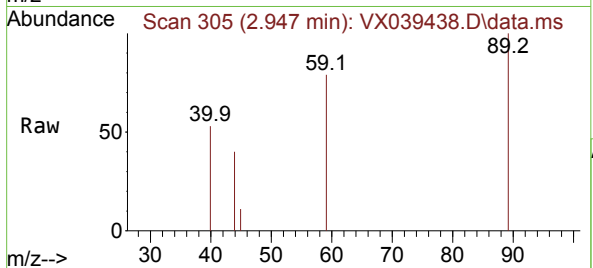
Lab File: VX039438.D

Acq: 22 Dec 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

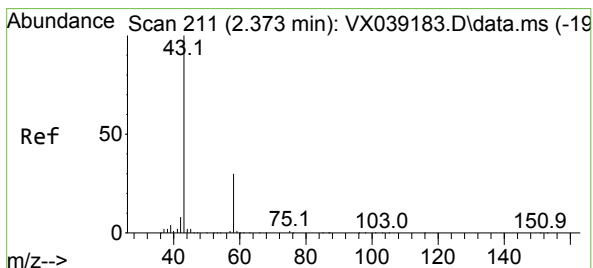
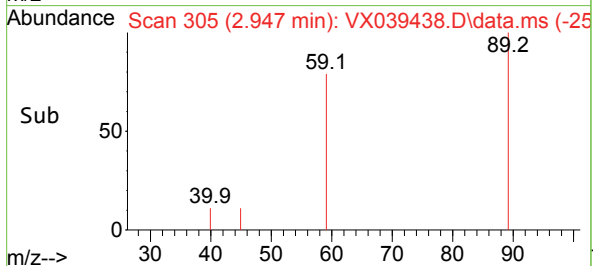
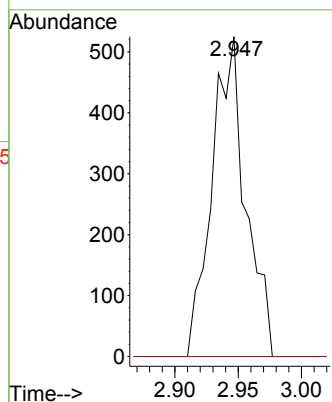


Tgt Ion: 59 Resp: 973

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: Below Cal

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX039438.D

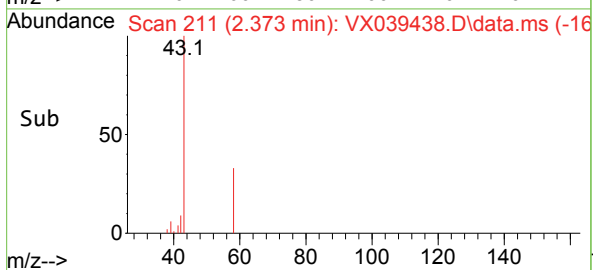
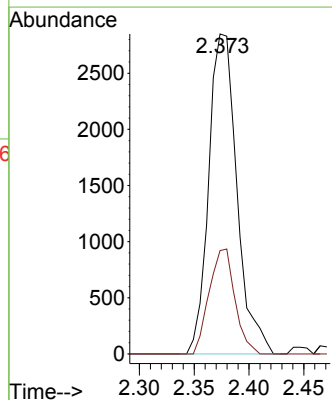
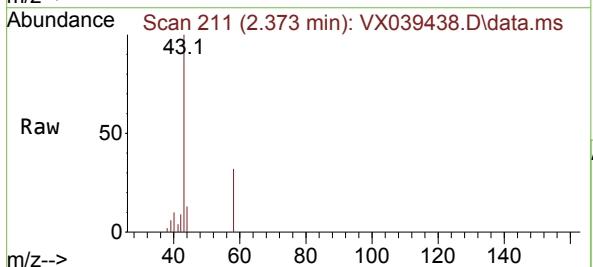
Acq: 22 Dec 2023 14:32

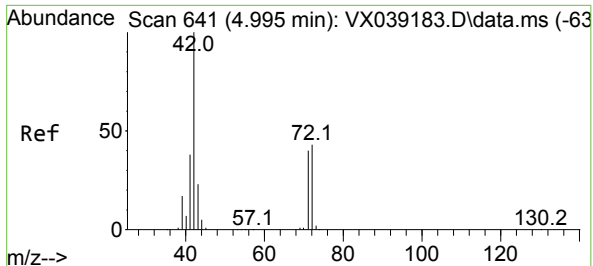
Tgt Ion: 43 Resp: 5107

Ion Ratio Lower Upper

43 100

58 32.3 21.9 32.9





#29

Tetrahydrofuran

Concen: 1.500 ug/l

RT: 5.025 min Scan# 641

Delta R.T. 0.031 min

Lab File: VX039438.D

Acq: 22 Dec 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

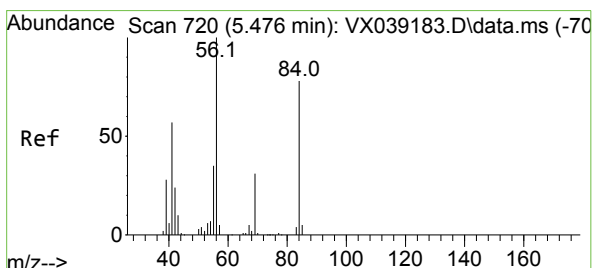
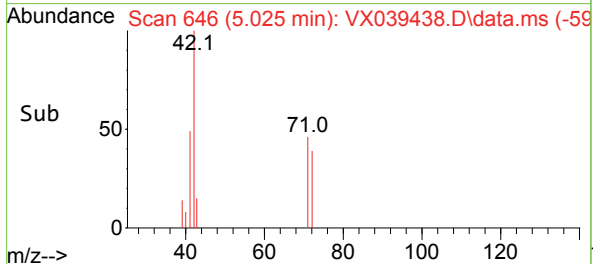
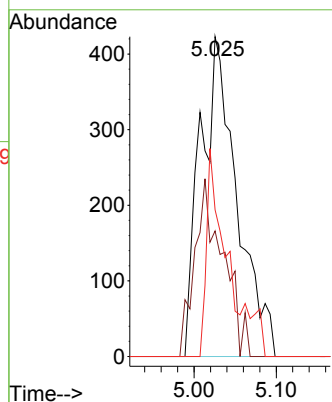
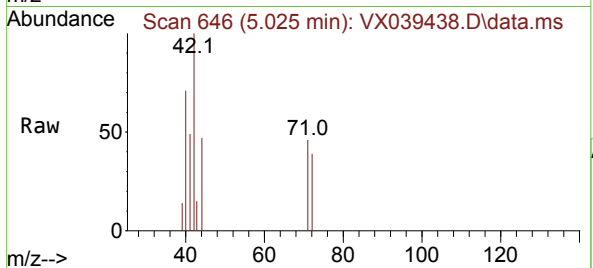
Tgt Ion: 42 Resp: 1307

Ion Ratio Lower Upper

42 100

72 43.2 34.2 51.4

71 31.1 32.2 48.2#



#31

Cyclohexane

Concen: 1.342 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.067 min

Lab File: VX039438.D

Acq: 22 Dec 2023 14:32

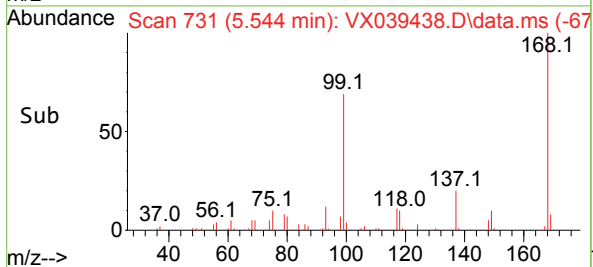
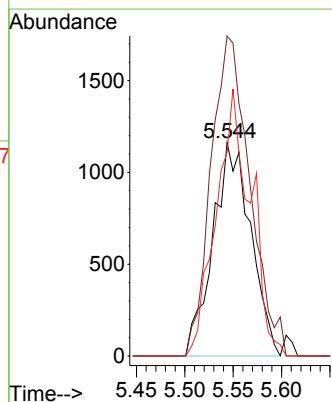
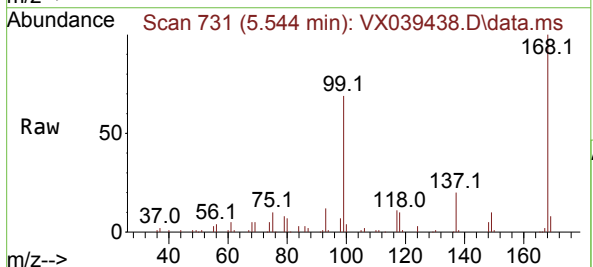
Tgt Ion: 56 Resp: 3170

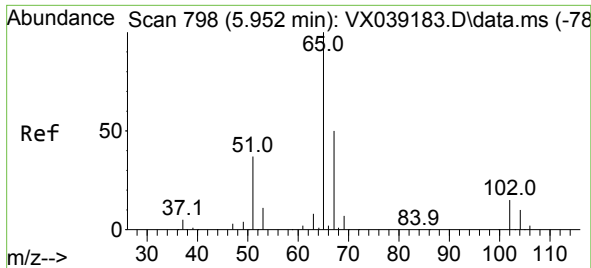
Ion Ratio Lower Upper

56 100

69 149.9 23.4 35.2#

84 95.2 65.9 98.9

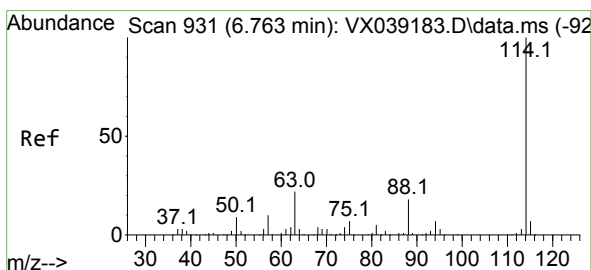
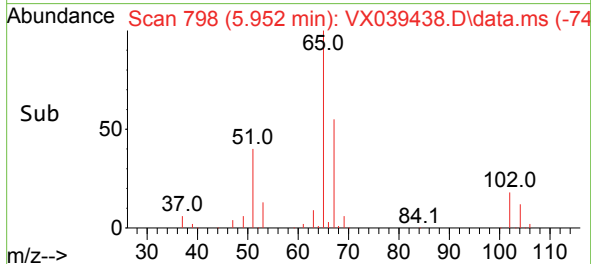
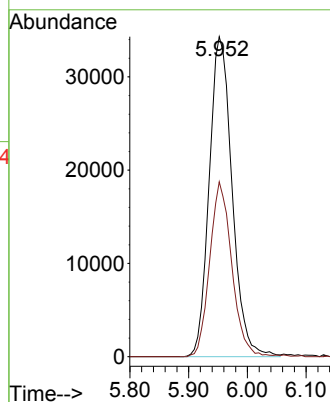
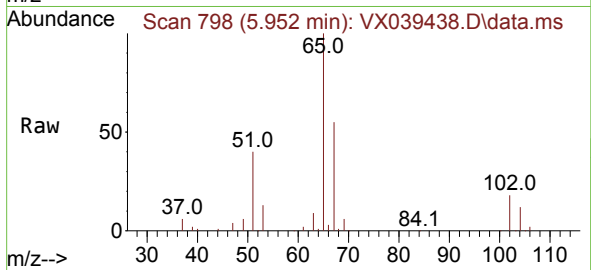




#33
 1,2-Dichloroethane-d4
 Concen: 50.804 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039438.D
 Acq: 22 Dec 2023 14:32

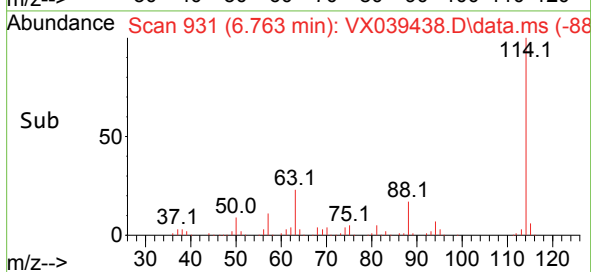
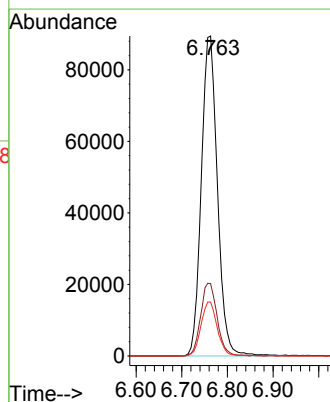
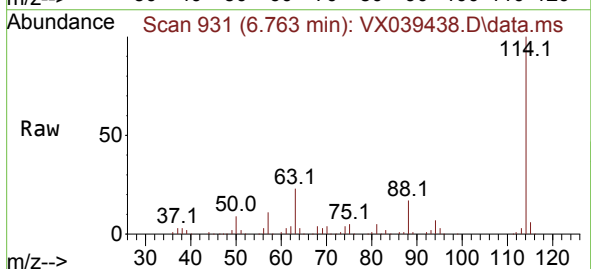
Instrument :
 MSVOA_X
 ClientSampleId :

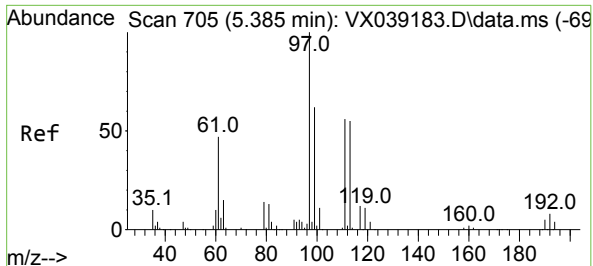
Tgt Ion: 65 Resp: 92898
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039438.D
 Acq: 22 Dec 2023 14:32

Tgt Ion: 114 Resp: 218657
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.739 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

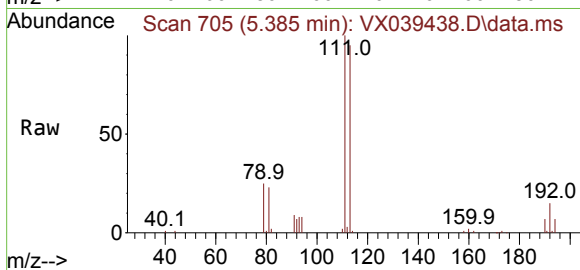
Lab File: VX039438.D

Acq: 22 Dec 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :



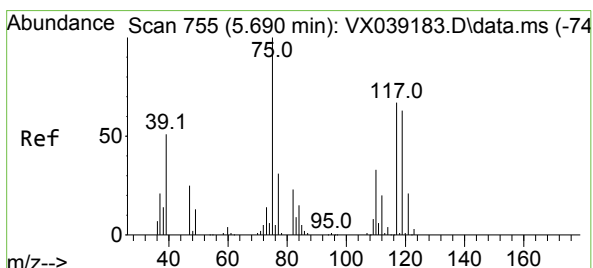
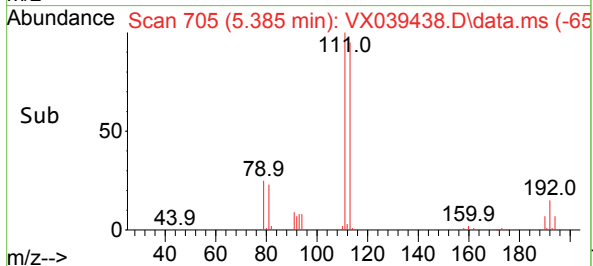
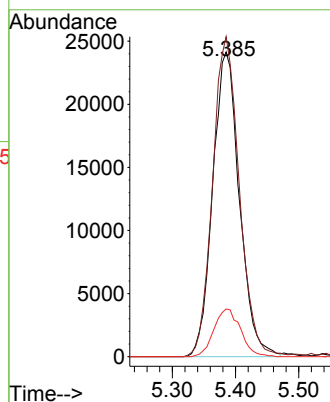
Tgt Ion:113 Resp: 70603

Ion Ratio Lower Upper

113 100

111 105.0 82.9 124.3

192 15.7 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.255 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039438.D

Acq: 22 Dec 2023 14:32

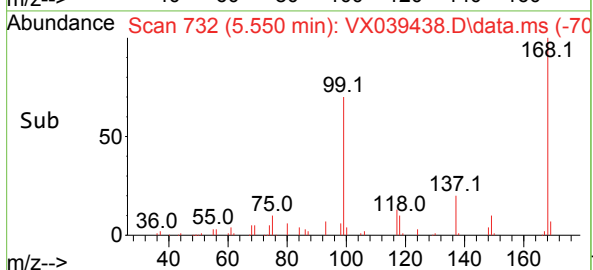
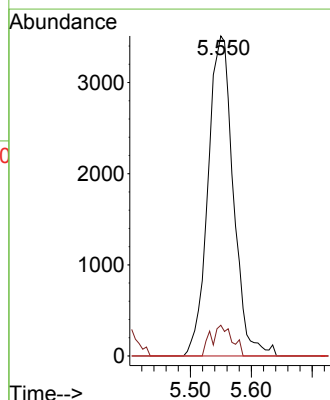
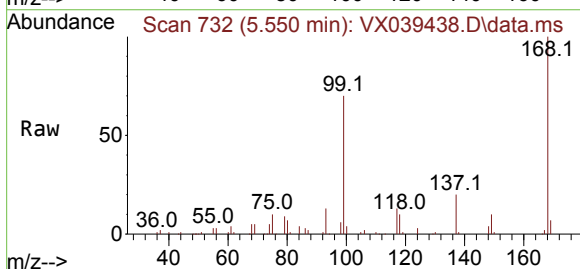
Tgt Ion: 75 Resp: 10144

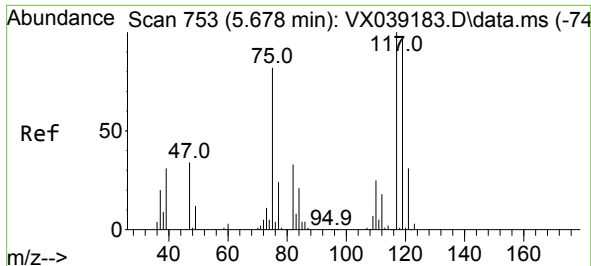
Ion Ratio Lower Upper

75 100

110 8.0 17.0 50.9#

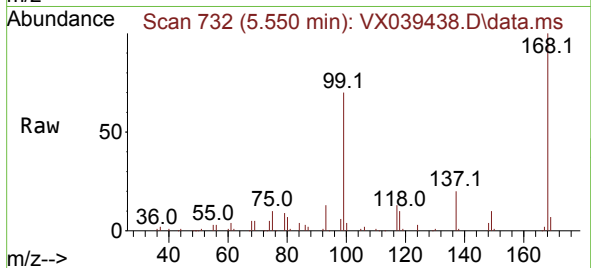
77 0.0 24.7 37.1#



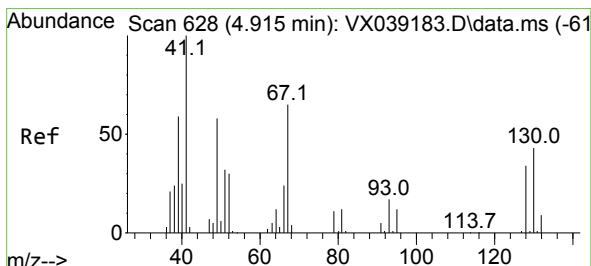
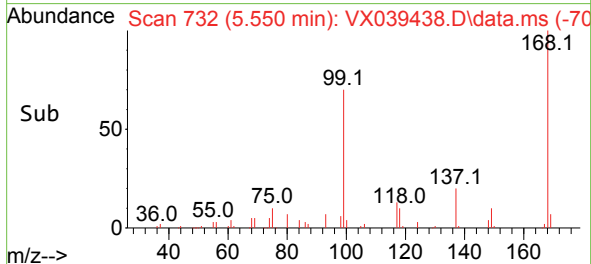
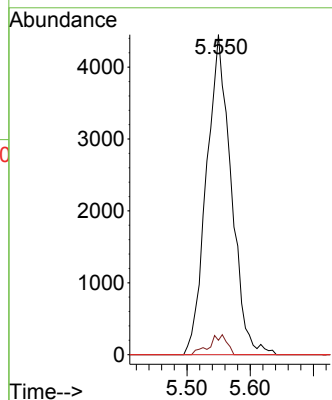


#38
Carbon Tetrachloride
Concen: 5.299 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

Instrument :
MSVOA_X
ClientSampleId :

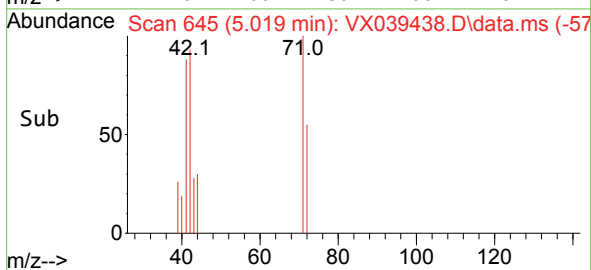
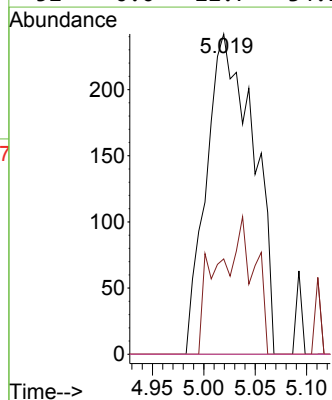
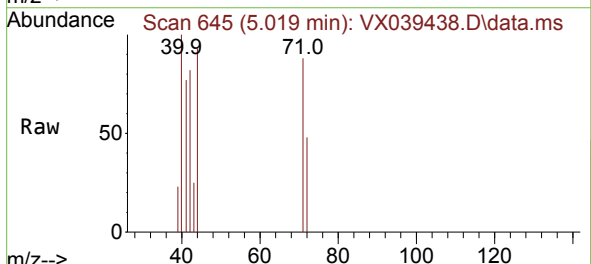


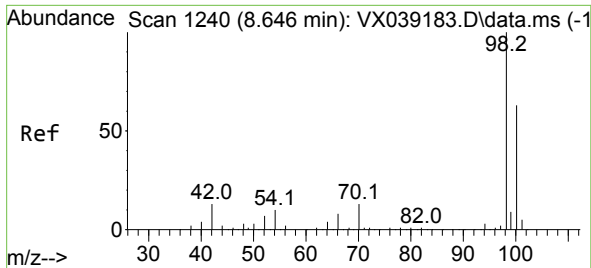
Tgt Ion:117 Resp: 12054
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.489 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.104 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

Tgt Ion: 41 Resp: 768
Ion Ratio Lower Upper
41 100
39 33.9 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

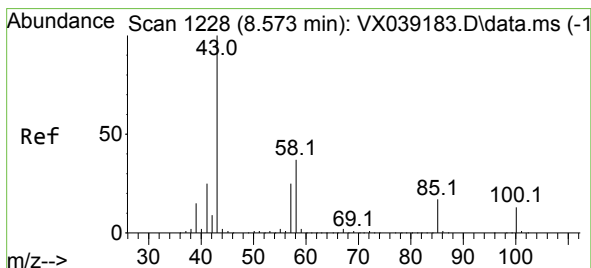
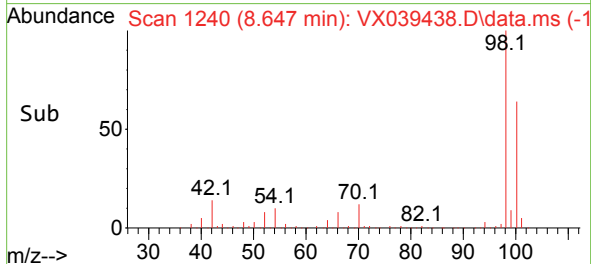
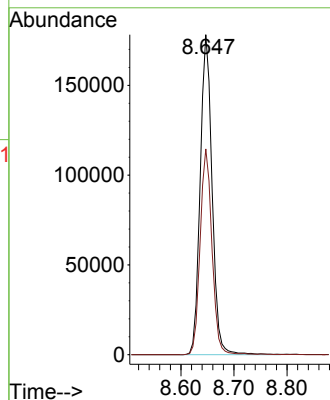
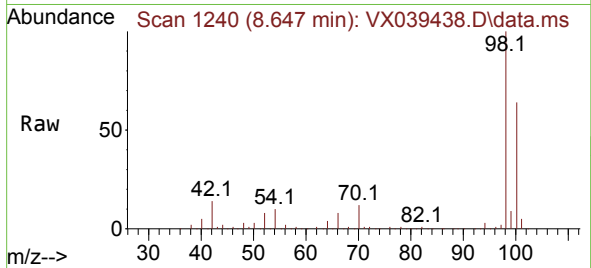




#50
Toluene-d8
Concen: 49.348 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

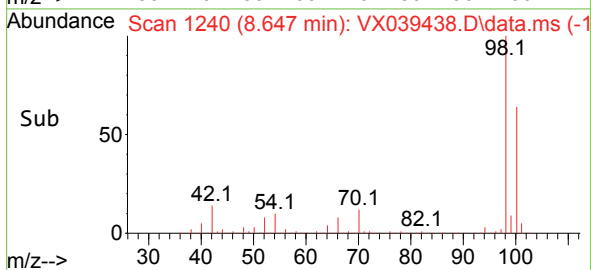
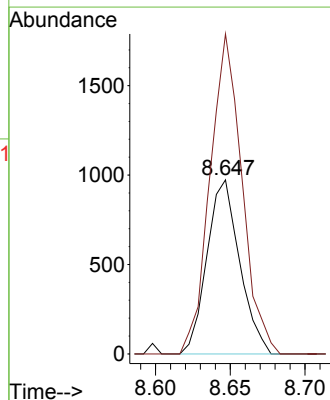
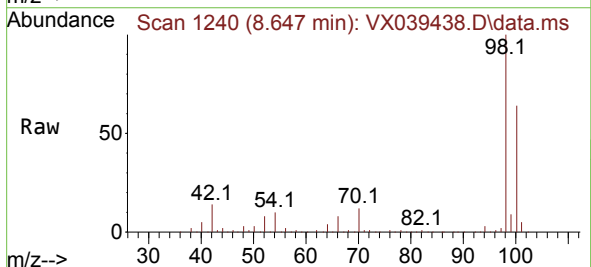
Instrument :
MSVOA_X
ClientSampleId :

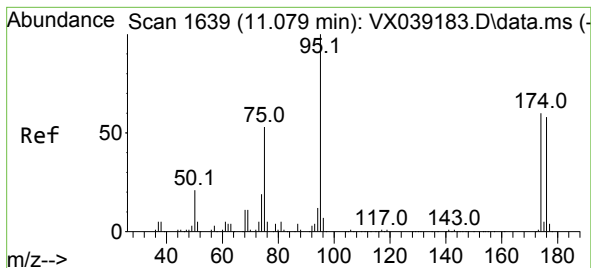
Tgt Ion: 98 Resp: 276749
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.485 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

Tgt Ion: 43 Resp: 1479
Ion Ratio Lower Upper
43 100
58 179.6 30.4 45.6#

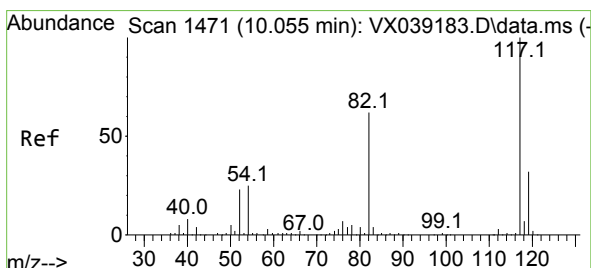
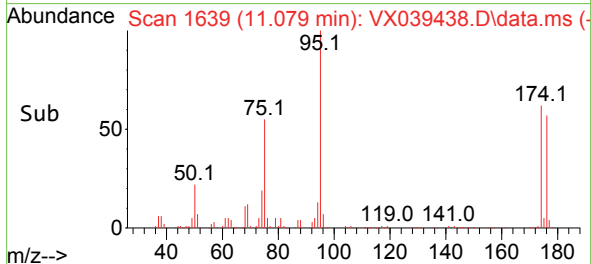
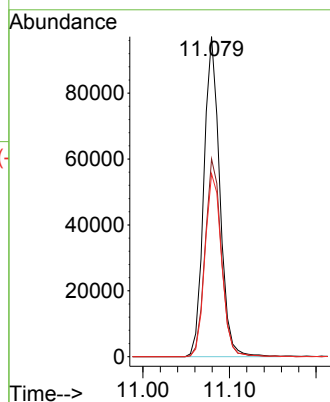
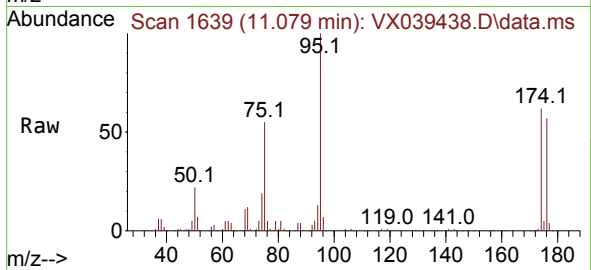




#62
4-Bromofluorobenzene
Concen: 53.448 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

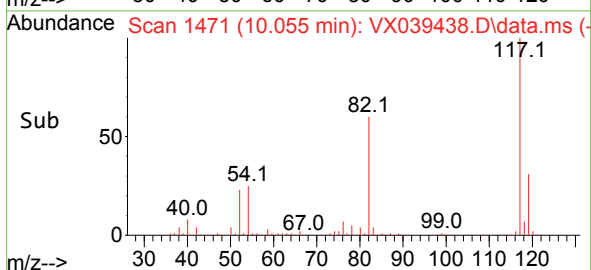
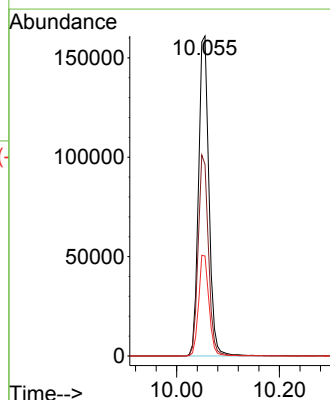
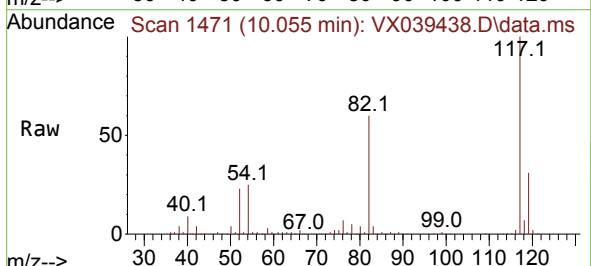
Instrument :
MSVOA_X
ClientSampleId :

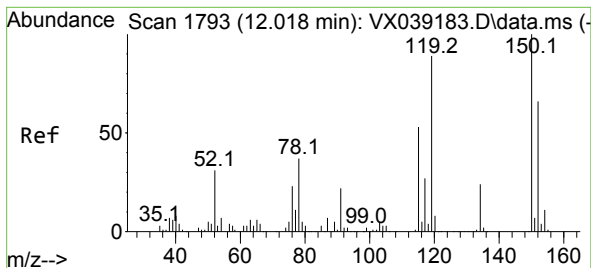
Tgt Ion: 95 Resp: 123672
Ion Ratio Lower Upper
95 100
174 63.1 0.0 135.6
176 59.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039438.D
Acq: 22 Dec 2023 14:32

Tgt Ion: 117 Resp: 226858
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 31.2 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039438.D

Acq: 22 Dec 2023 14:32

Instrument :

MSVOA_X

ClientSampleId :

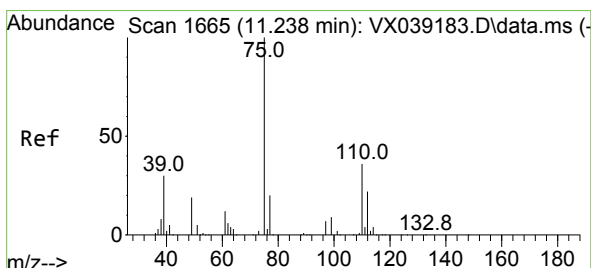
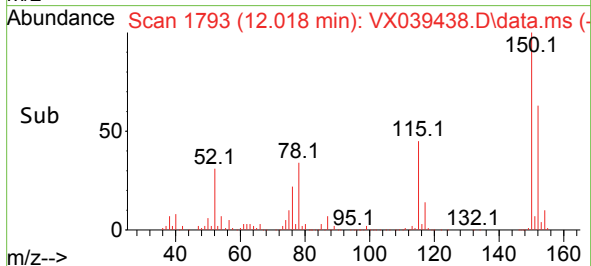
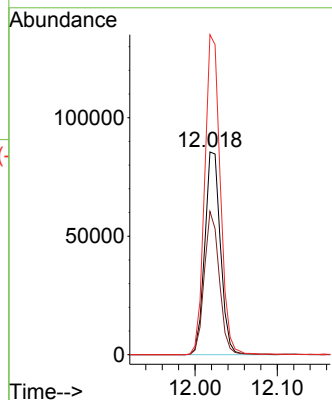
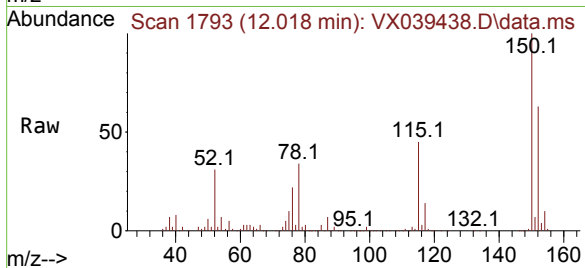
Tgt Ion:152 Resp: 113493

Ion Ratio Lower Upper

152 100

115 67.4 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.272 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039438.D

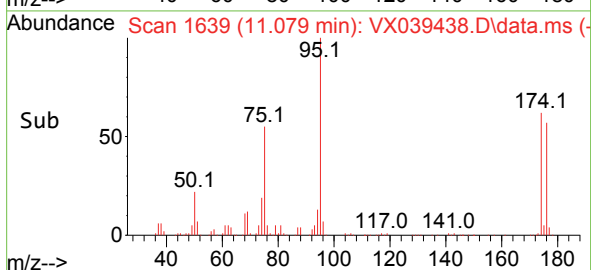
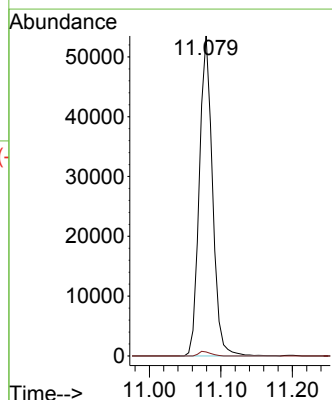
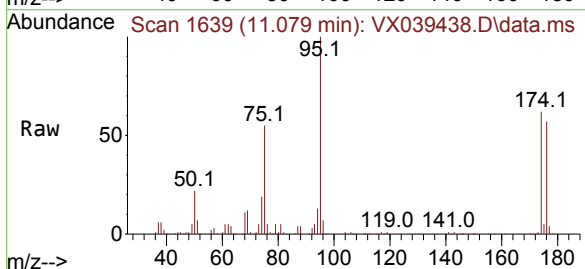
Acq: 22 Dec 2023 14:32

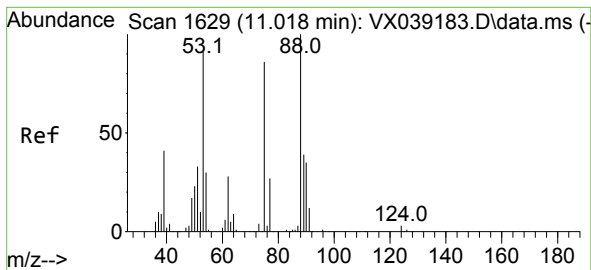
Tgt Ion: 75 Resp: 68333

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.650 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039438.D
 Acq: 22 Dec 2023 14:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 68333
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

