

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092023\
 Data File : VX037827.D
 Acq On : 20 Sep 2023 12:47
 Operator : JC/MD
 Sample : 04526-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 21 05:55:35 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)

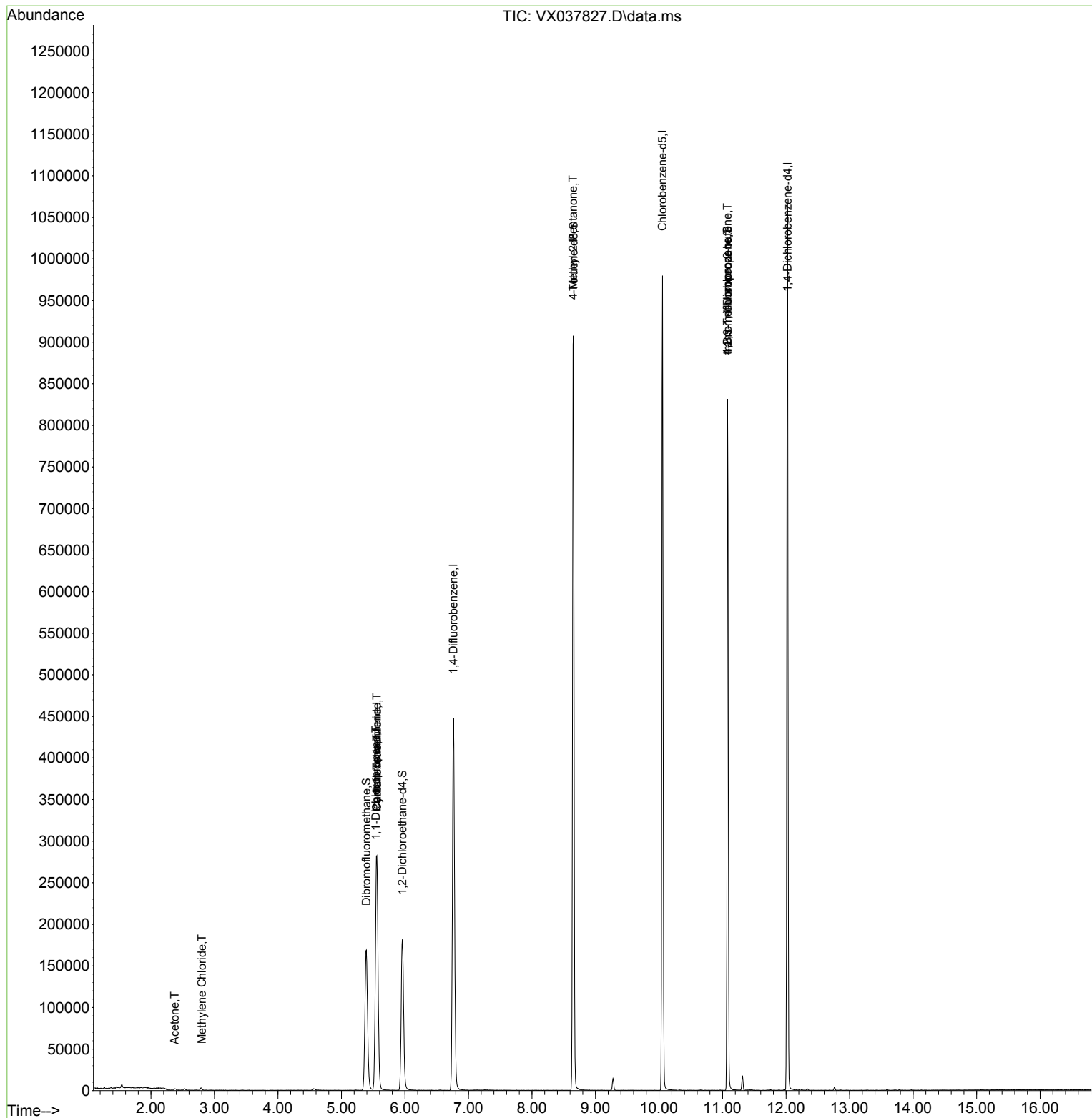
Internal Standards						
1) Pentafluorobenzene	5.556	168	280493	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	471971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	448358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	232074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171741	46.602	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.200%
35) Dibromofluoromethane	5.391	113	149988	47.495	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.980%
50) Toluene-d8	8.653	98	563154	47.994	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.980%
62) 4-Bromofluorobenzene	11.079	95	213814	50.146	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.300%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	2075	1.170	ug/l	# 85
20) Methylene Chloride	2.800	84	1485	0.428	ug/l	# 60
31) Cyclohexane	5.556	56	5396	1.141	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	21139	4.859	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	27873	6.124	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	2426	0.500	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	107998	20.120	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	107998	64.452	ug/l	# 5

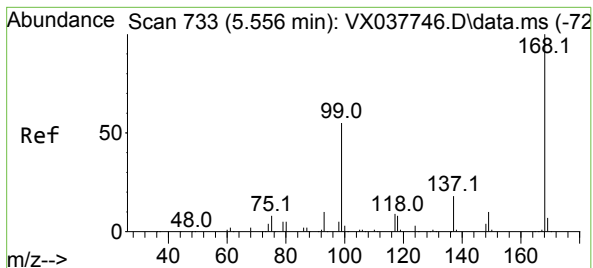
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX037827.D

Acq: 20 Sep 2023 12:47

Instrument :

MSVOA_X

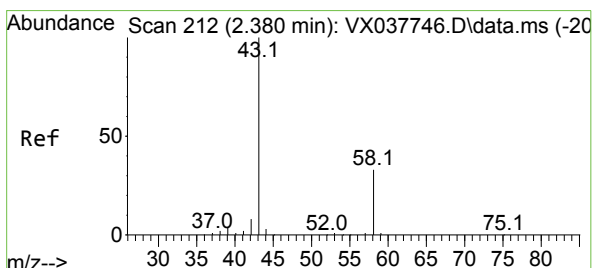
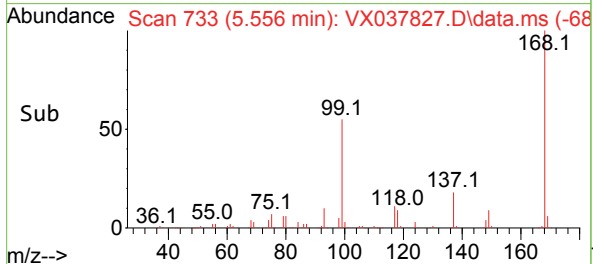
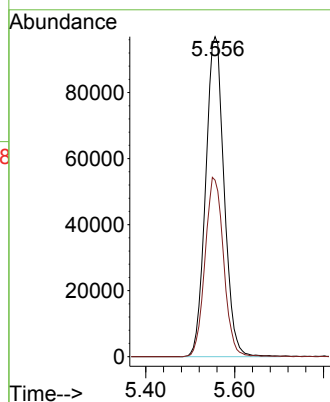
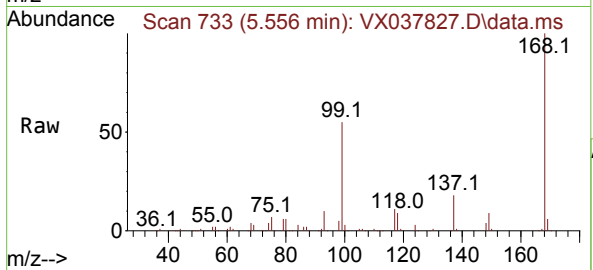
ClientSampleId :

Tgt Ion:168 Resp: 280493

Ion Ratio Lower Upper

168 100

99 55.2 56.6 85.0#



#16

Acetone

Concen: 1.170 ug/l

RT: 2.374 min Scan# 211

Delta R.T. -0.006 min

Lab File: VX037827.D

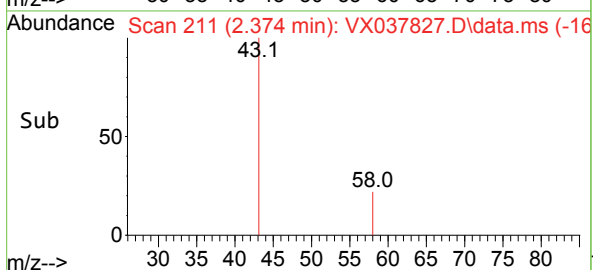
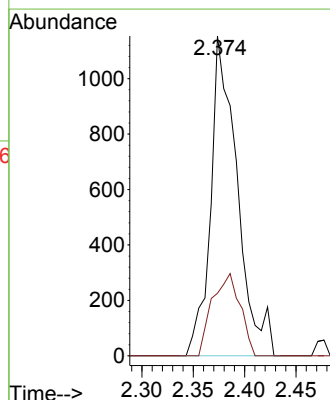
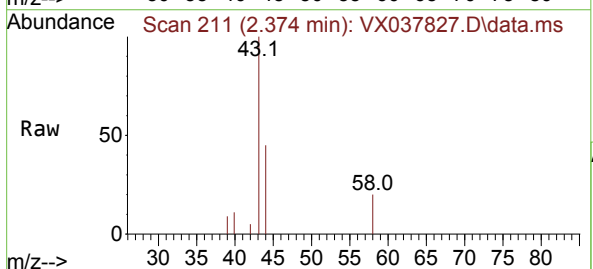
Acq: 20 Sep 2023 12:47

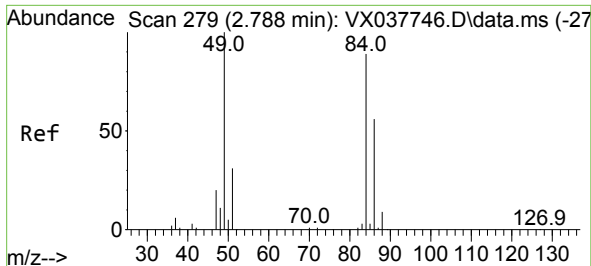
Tgt Ion: 43 Resp: 2075

Ion Ratio Lower Upper

43 100

58 19.6 21.9 32.9#





#20

Methylene Chloride

Concen: 0.428 ug/l

RT: 2.800 min Scan# 21

Delta R.T. 0.012 min

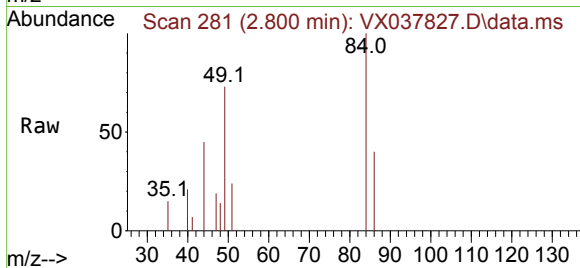
Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 1485

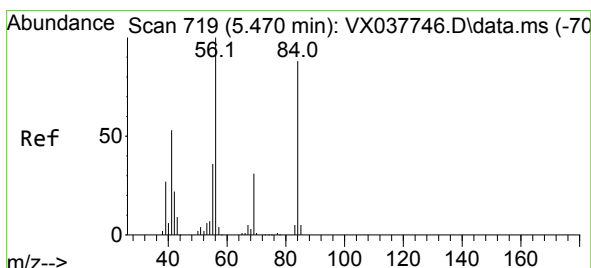
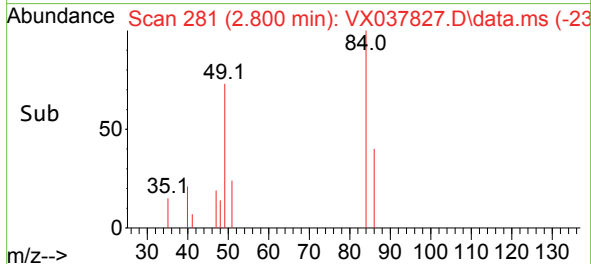
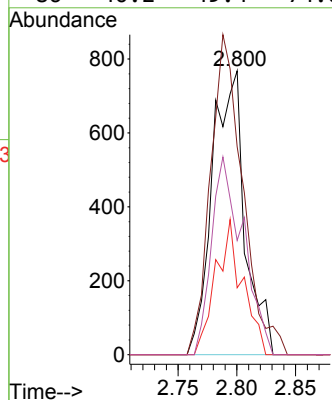
Ion Ratio Lower Upper

84 100

49 73.3 103.6 155.4#

51 23.6 33.8 50.6#

86 40.2 49.4 74.0#



#31

Cyclohexane

Concen: 1.141 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

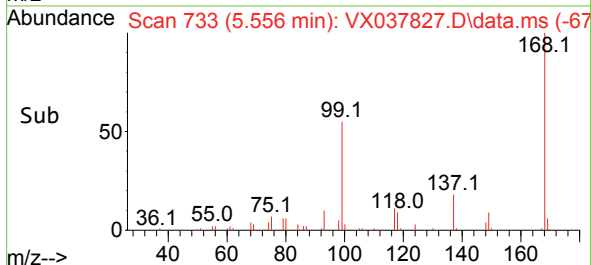
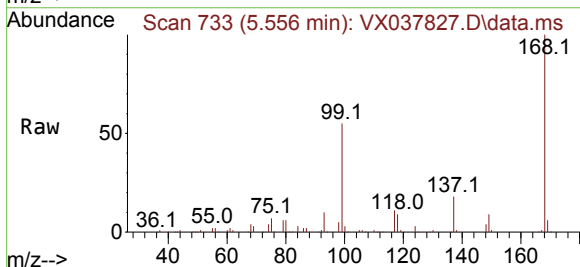
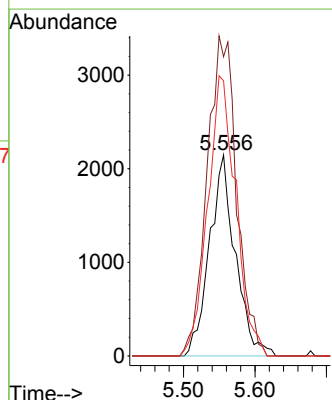
Tgt Ion: 56 Resp: 5396

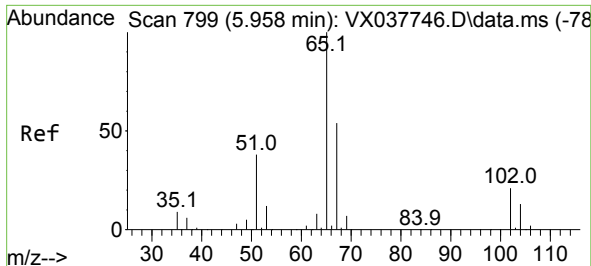
Ion Ratio Lower Upper

56 100

69 148.9 23.4 35.2#

84 137.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.602 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

Instrument :

MSVOA_X

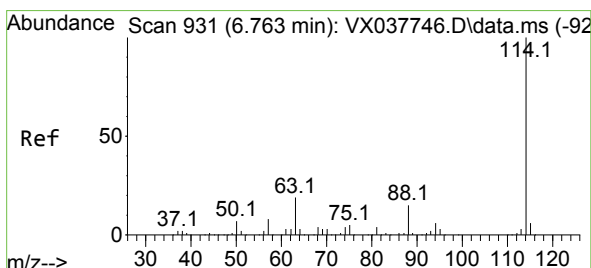
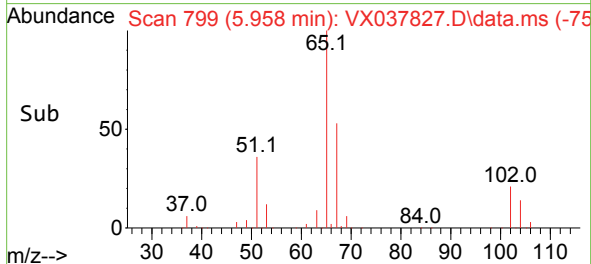
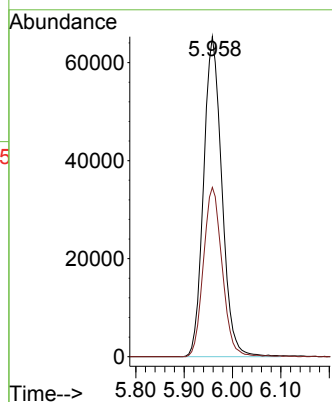
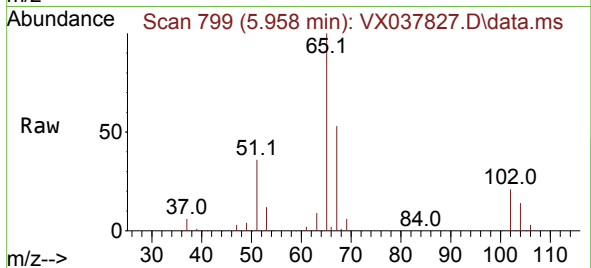
ClientSampleId :

Tgt Ion: 65 Resp: 171741

Ion Ratio Lower Upper

65 100

67 54.1 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: VX037827.D

Acq: 20 Sep 2023 12:47

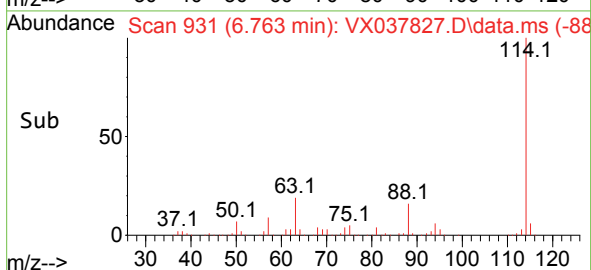
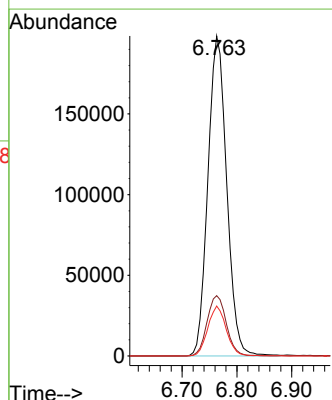
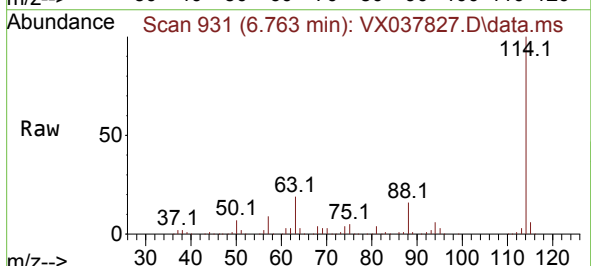
Tgt Ion: 114 Resp: 471971

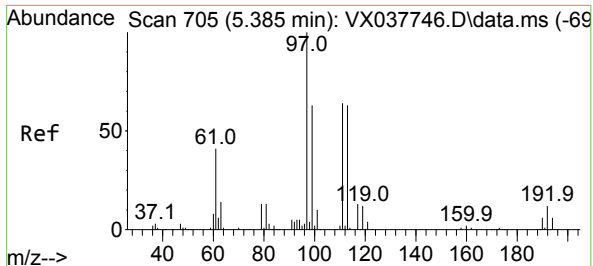
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.495 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

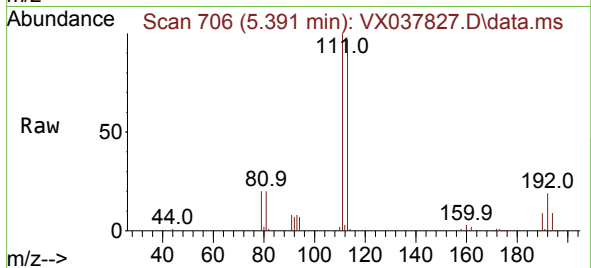
Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

Instrument :

MSVOA_X

ClientSampleId :



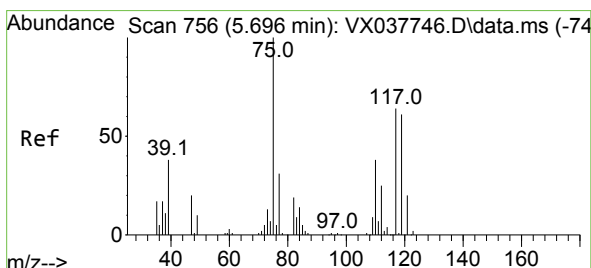
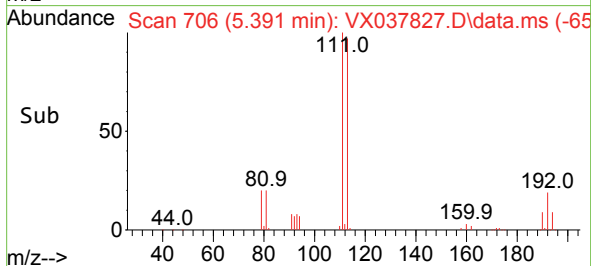
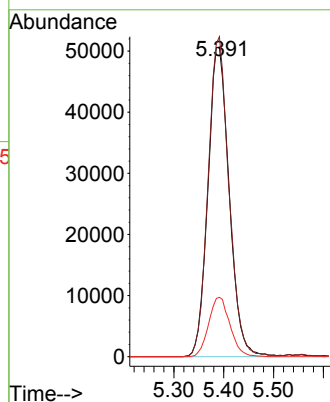
Tgt Ion:113 Resp: 149988

Ion Ratio Lower Upper

113 100

111 101.4 82.9 124.3

192 19.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.859 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

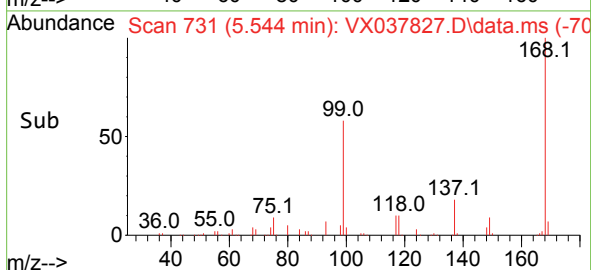
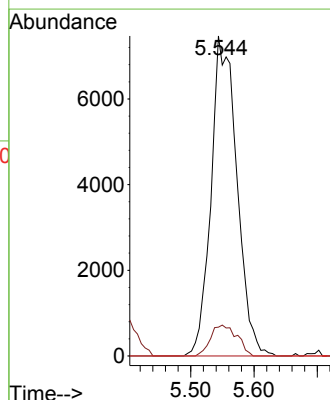
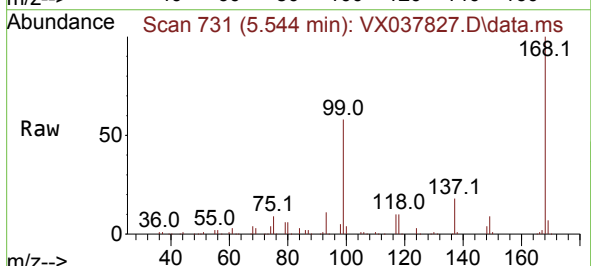
Tgt Ion: 75 Resp: 21139

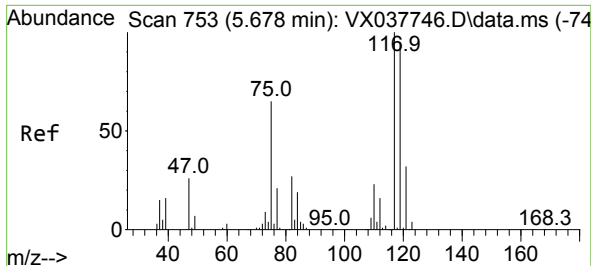
Ion Ratio Lower Upper

75 100

110 9.9 17.0 50.9#

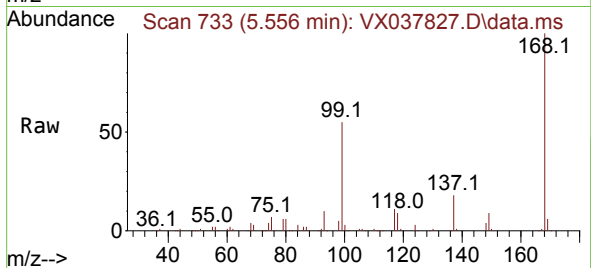
77 0.0 24.7 37.1#



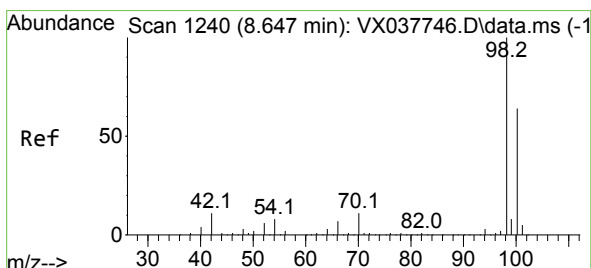
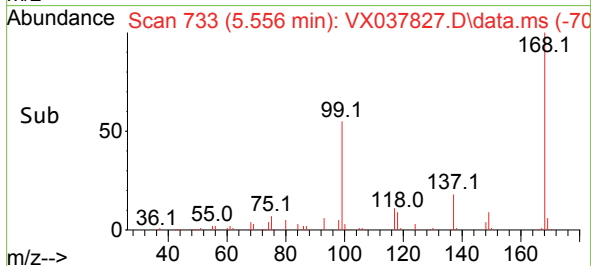
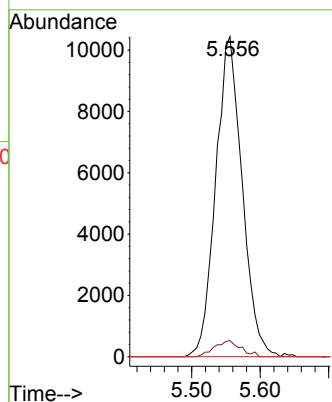


#38
Carbon Tetrachloride
Concen: 6.124 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037827.D
Acq: 20 Sep 2023 12:47

Instrument :
MSVOA_X
ClientSampleId :

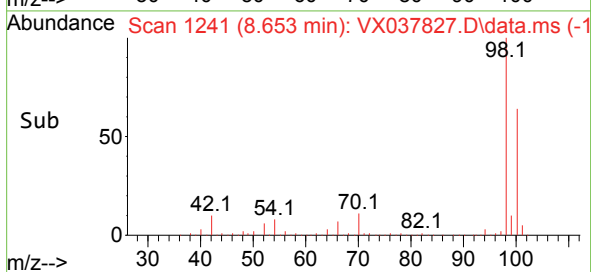
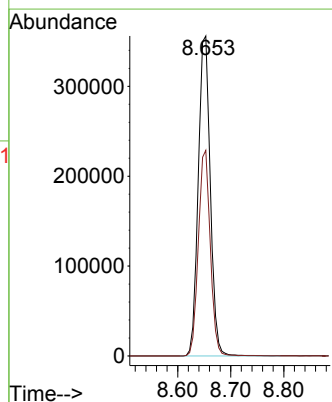
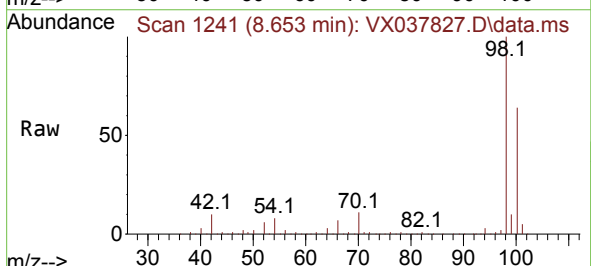


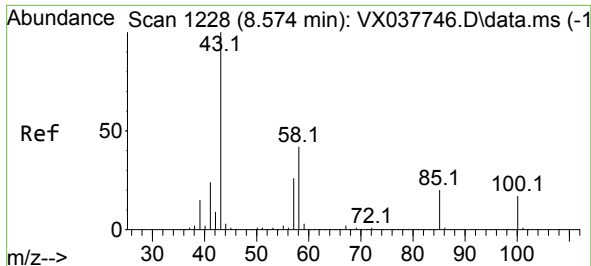
Tgt Ion:117 Resp: 27873
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.994 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037827.D
Acq: 20 Sep 2023 12:47

Tgt Ion: 98 Resp: 563154
Ion Ratio Lower Upper
98 100
100 63.5 53.1 79.7

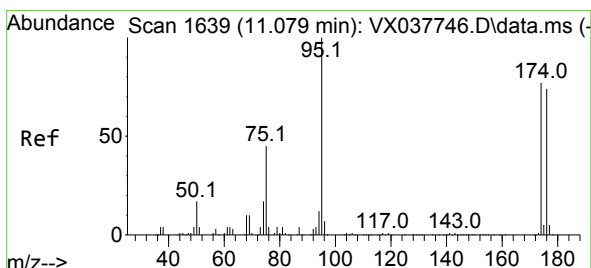
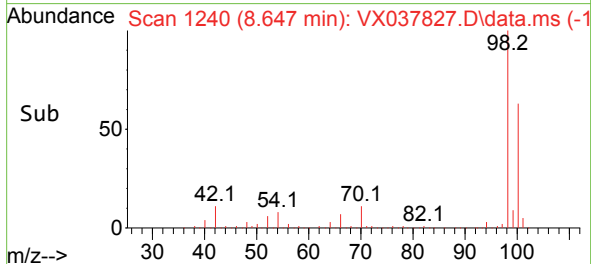
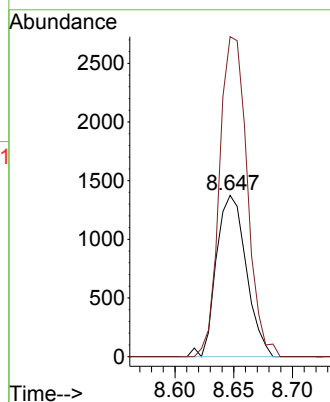
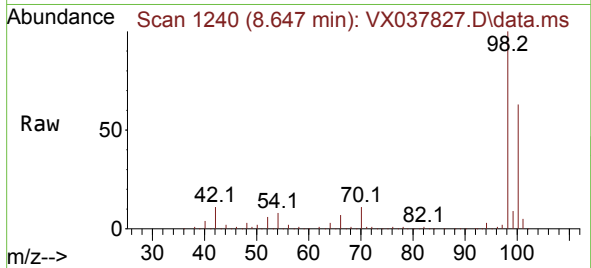




#51
4-Methyl-2-Pentanone
Concen: 0.500 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037827.D
Acq: 20 Sep 2023 12:47

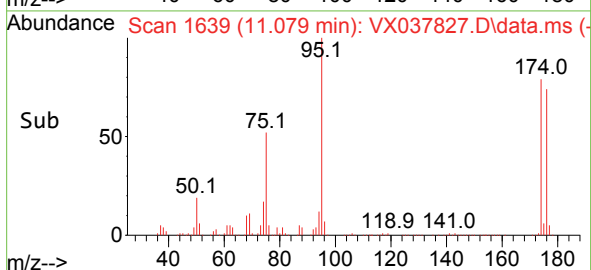
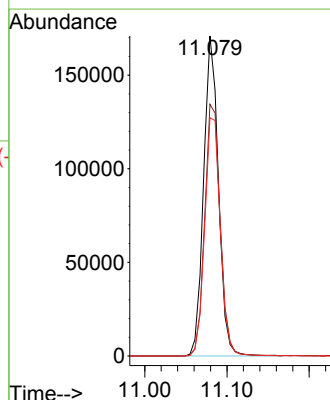
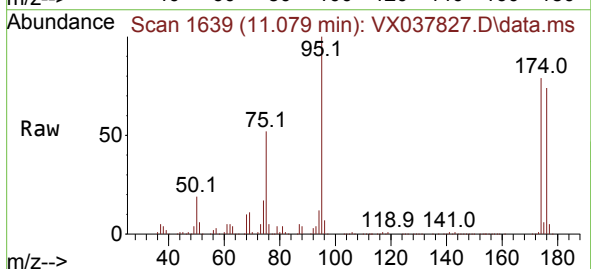
Instrument :
MSVOA_X
ClientSampleId :

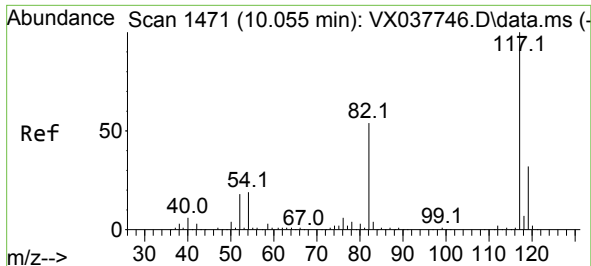
Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 184.3 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037827.D
Acq: 20 Sep 2023 12:47

Tgt Ion: 95 Resp: 213814
Ion Ratio Lower Upper
95 100
174 82.8 0.0 135.6
176 78.7 0.0 131.0

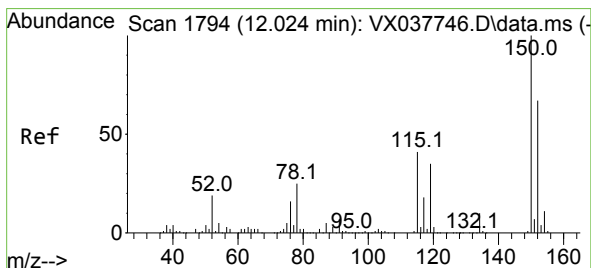
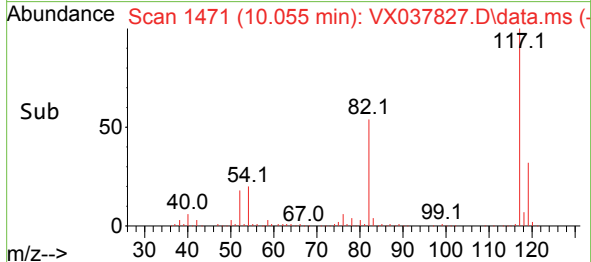
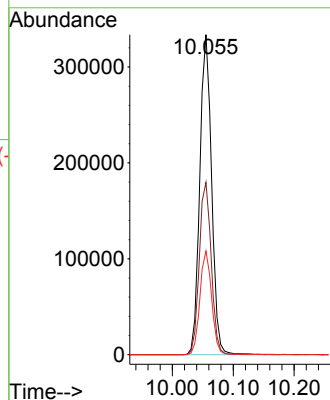
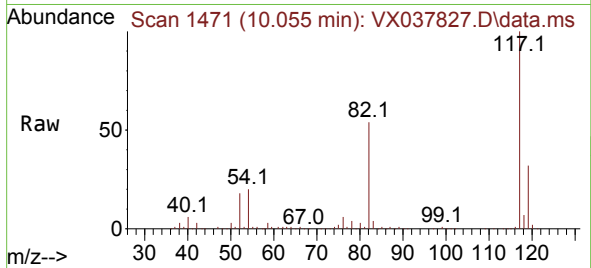




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037827.D
Acq: 20 Sep 2023 12:47

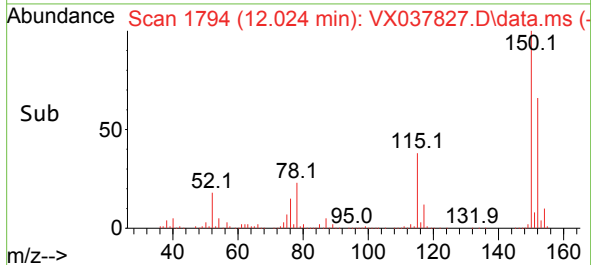
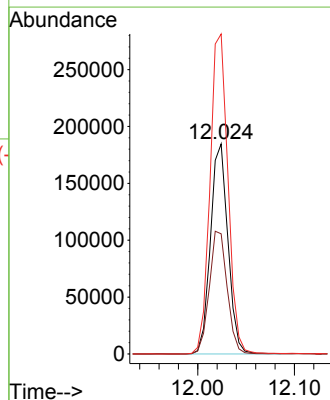
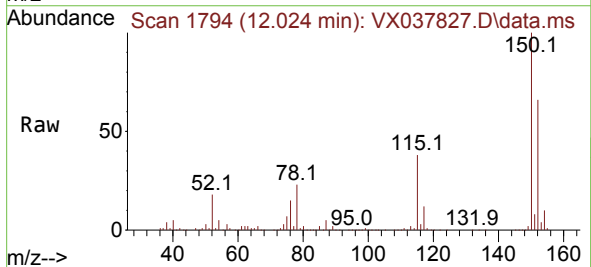
Instrument :
MSVOA_X
ClientSampleId :

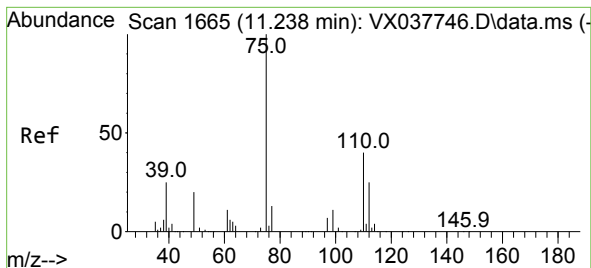
Tgt Ion:117 Resp: 448358
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037827.D
Acq: 20 Sep 2023 12:47

Tgt Ion:152 Resp: 232074
Ion Ratio Lower Upper
152 100
115 59.9 43.3 129.9
150 156.5 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 20.120 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

Instrument :

MSVOA_X

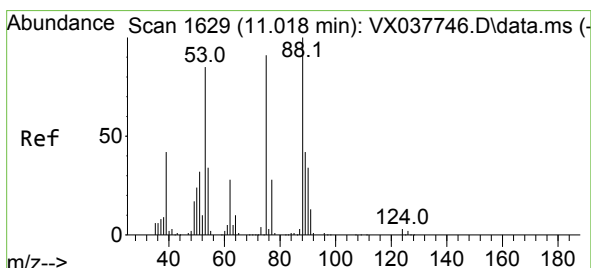
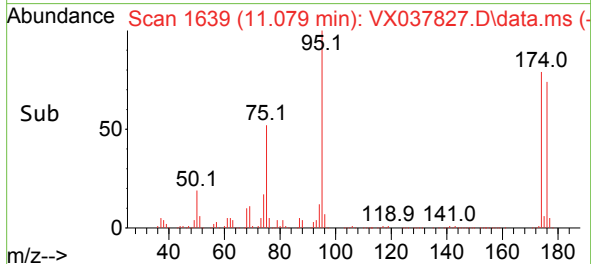
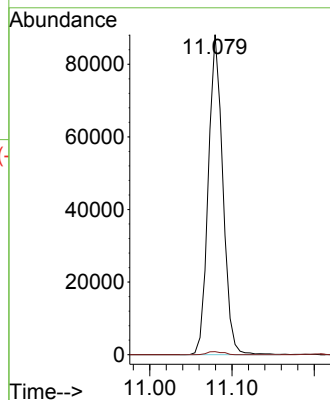
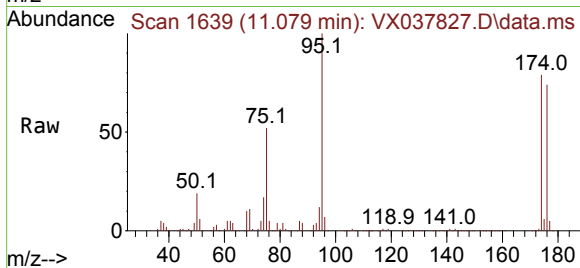
ClientSampleId :

Tgt Ion: 75 Resp: 107998

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.452 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037827.D

Acq: 20 Sep 2023 12:47

Tgt Ion: 75 Resp: 107998

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

