

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092223\
 Data File : VX037873.D
 Acq On : 22 Sep 2023 13:04
 Operator : JC/MD
 Sample : 04578-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 23 01:24:34 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)

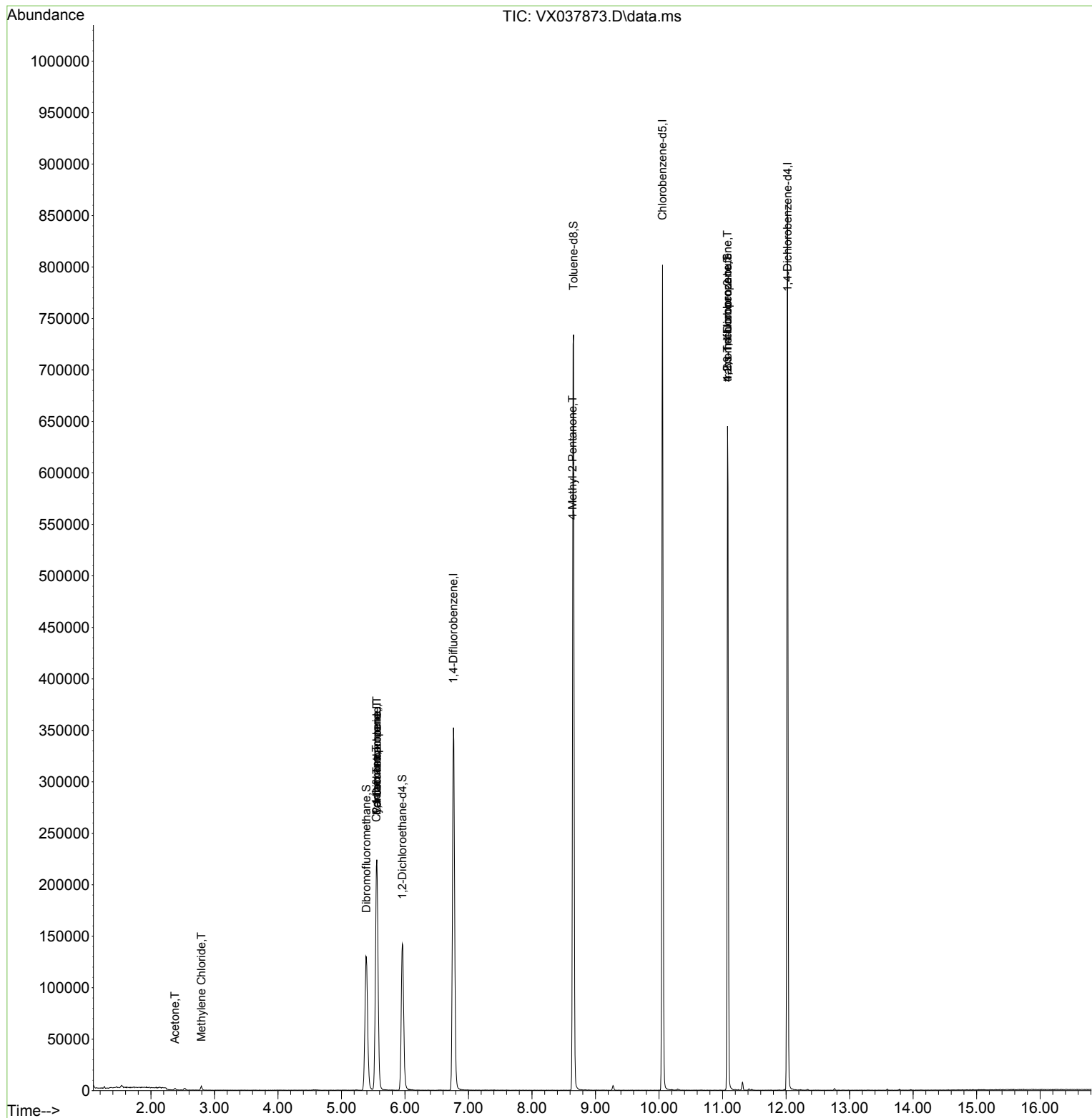
Internal Standards						
1) Pentafluorobenzene	5.556	168	216450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	372014	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	359506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	137416	48.321	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.640%
35) Dibromofluoromethane	5.391	113	116897	46.962	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.920%
50) Toluene-d8	8.653	98	454047	49.093	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	168166	50.037	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	1752	1.281	ug/l	92
20) Methylene Chloride	2.794	84	1682	0.640	ug/l #	88
31) Cyclohexane	5.550	56	4526	1.240	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16207	4.727	ug/l #	52
38) Carbon Tetrachloride	5.556	117	22127	6.167	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	1801	0.471	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	84935	19.947	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	84935	63.899	ug/l #	5

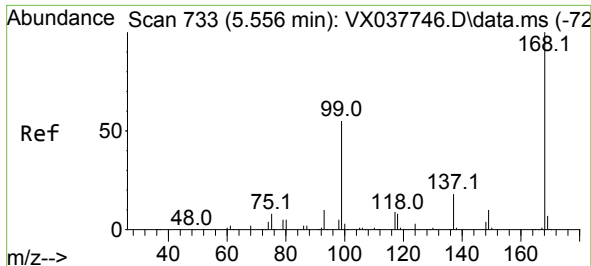
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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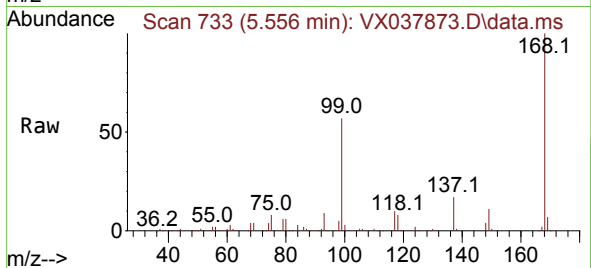
Quant Time: Sep 23 01:24:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 16 04:55:44 2023
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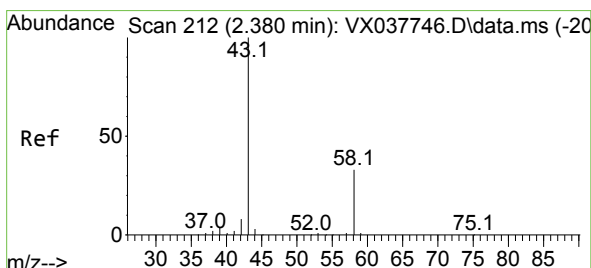
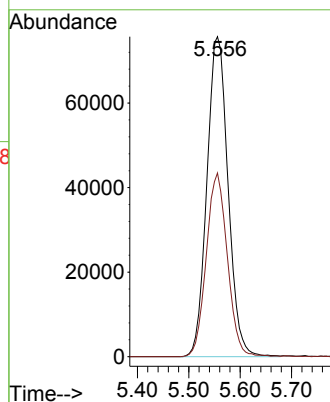
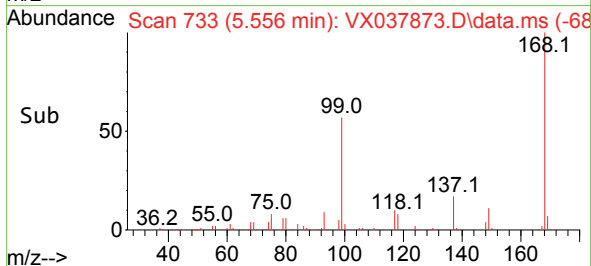


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :

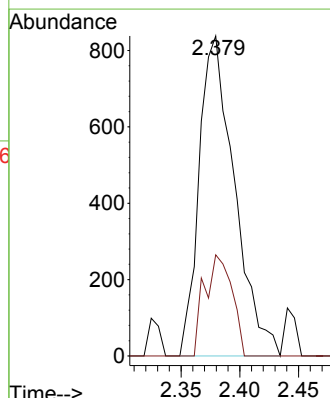
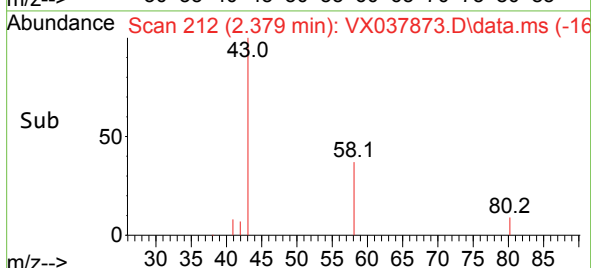
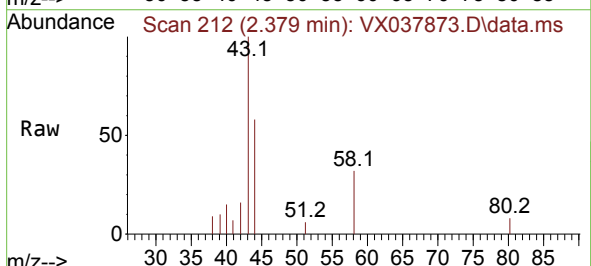


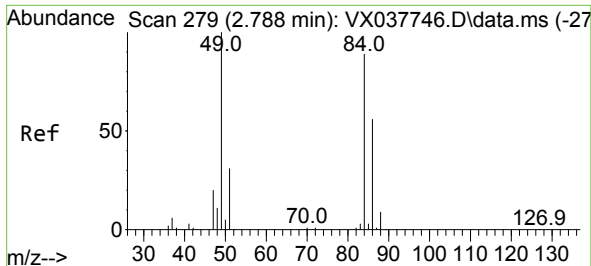
Tgt Ion:168 Resp: 216450
Ion Ratio Lower Upper
168 100
99 57.4 56.6 85.0



#16
Acetone
Concen: 1.281 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

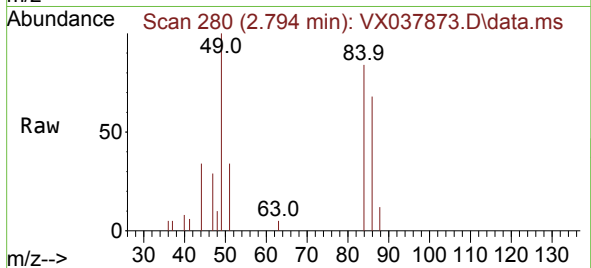
Tgt Ion: 43 Resp: 1752
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



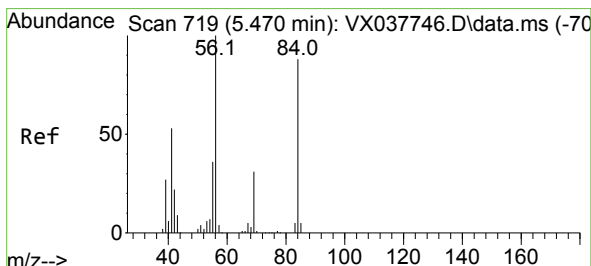
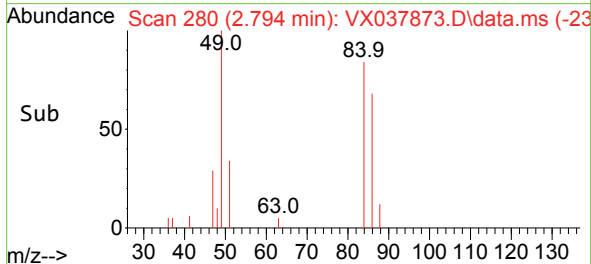
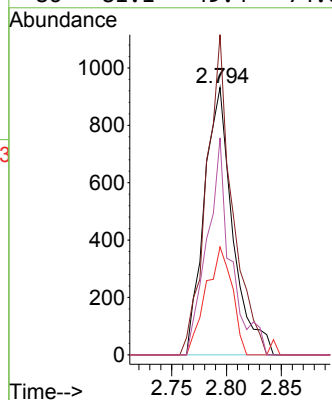


#20
Methylene Chloride
Concen: 0.640 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :

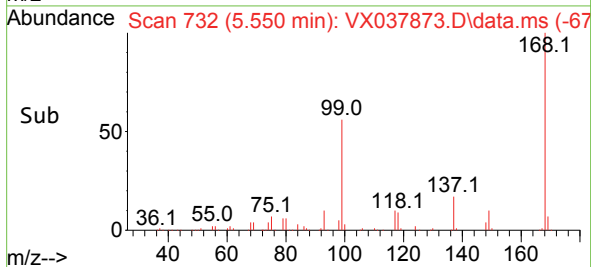
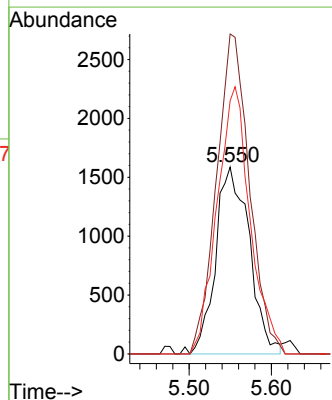
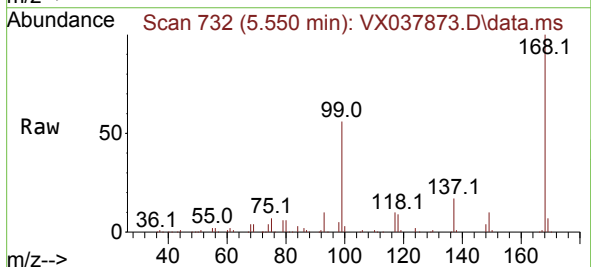


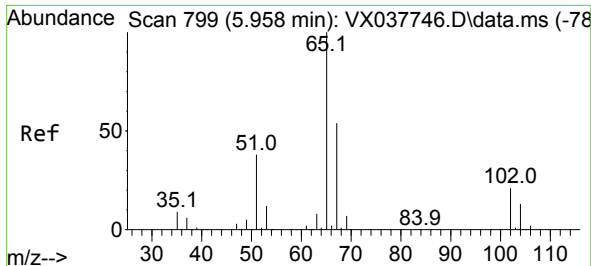
Tgt Ion:	84	Resp:	1682
Ion	Ratio	Lower	Upper
84	100		
49	119.7	103.6	155.4
51	40.3	33.8	50.6
86	81.1	49.4	74.0



#31
Cyclohexane
Concen: 1.240 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Tgt Ion:	56	Resp:	4526
Ion	Ratio	Lower	Upper
56	100		
69	171.3	23.4	35.2
84	135.5	65.9	98.9





#33

1,2-Dichloroethane-d4

Concen: 48.321 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037873.D

Acq: 22 Sep 2023 13:04

Instrument :

MSVOA_X

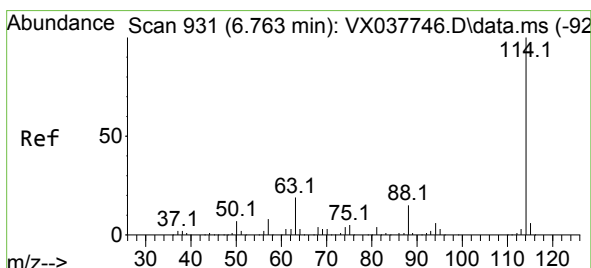
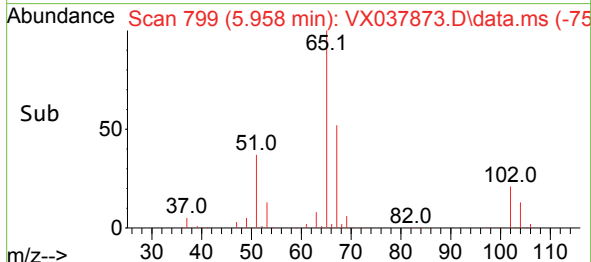
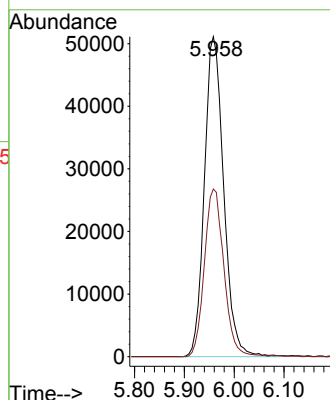
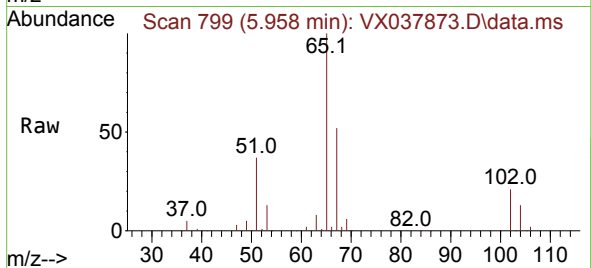
ClientSampleId :

Tgt Ion: 65 Resp: 137416

Ion Ratio Lower Upper

65 100

67 53.0 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: VX037873.D

Acq: 22 Sep 2023 13:04

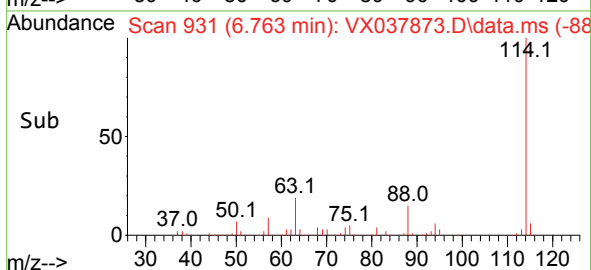
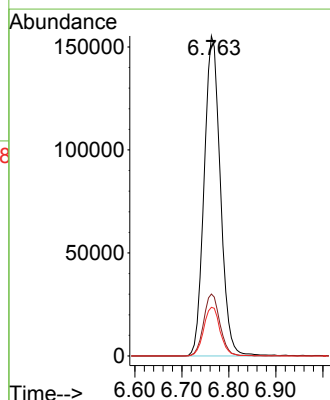
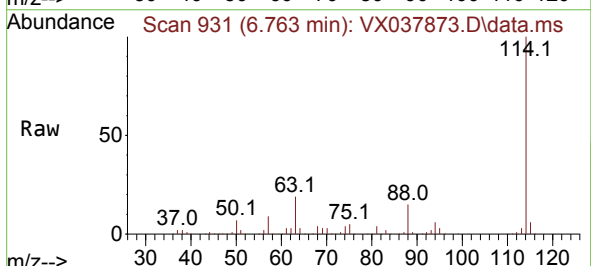
Tgt Ion: 114 Resp: 372014

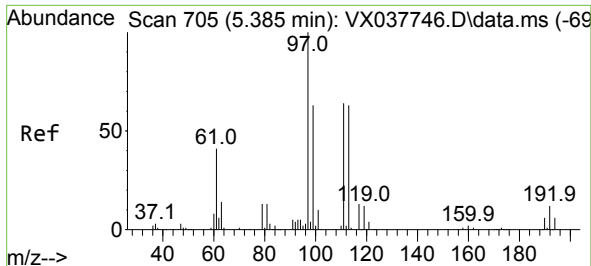
Ion Ratio Lower Upper

114 100

63 19.3 0.0 45.0

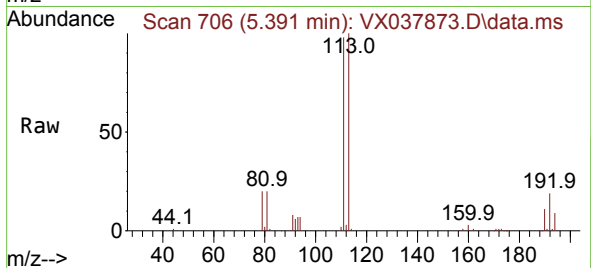
88 15.2 0.0 36.6



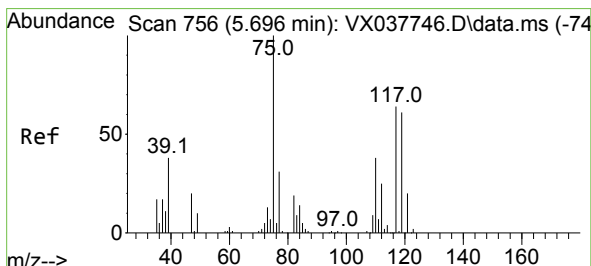
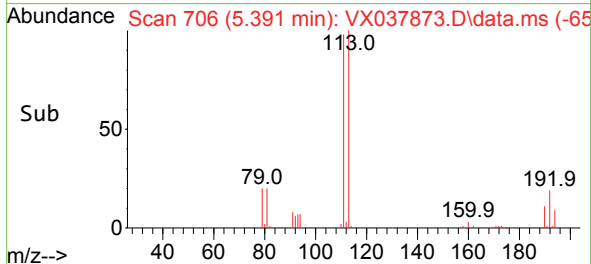
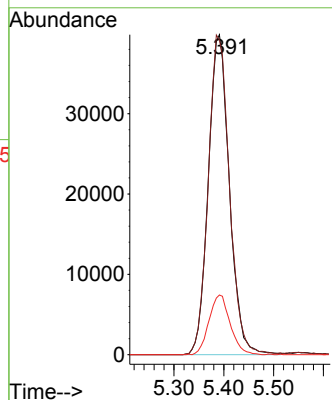


#35
Dibromofluoromethane
Concen: 46.962 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :

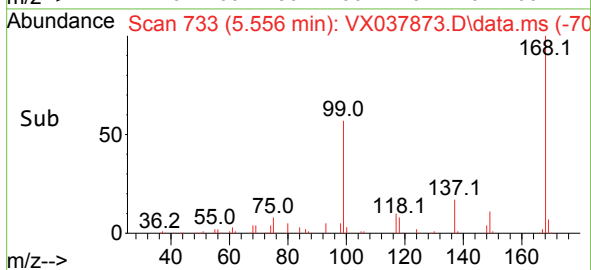
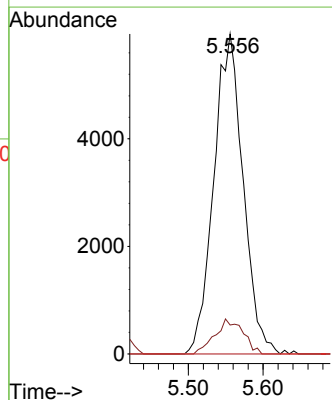
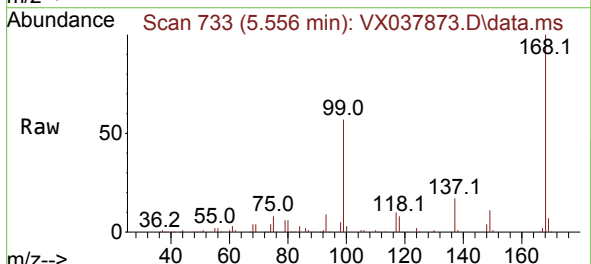


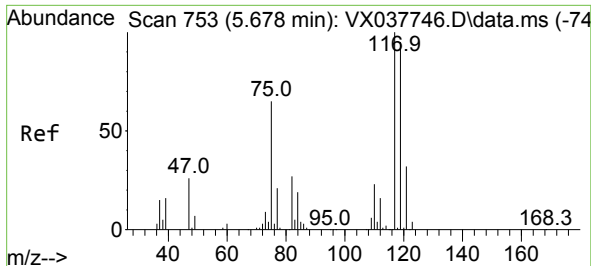
Tgt Ion:113 Resp: 116897
Ion Ratio Lower Upper
113 100
111 100.7 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.727 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

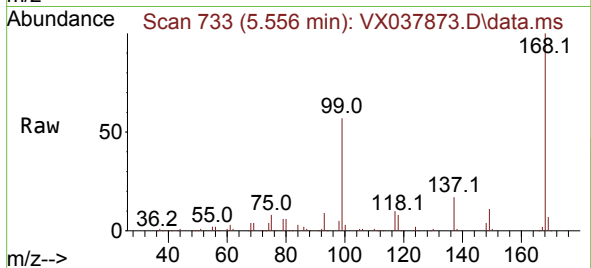
Tgt Ion: 75 Resp: 16207
Ion Ratio Lower Upper
75 100
110 10.5 17.0 50.9#
77 0.0 24.7 37.1#



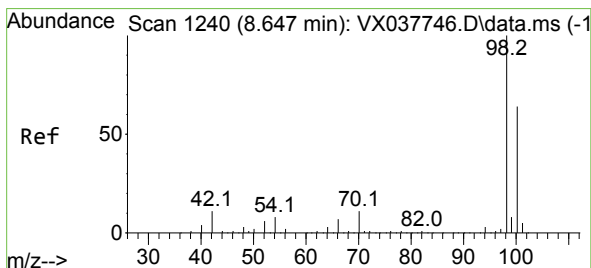
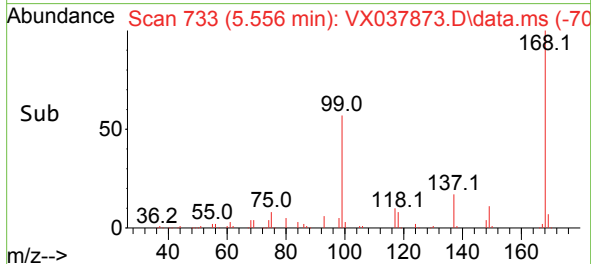
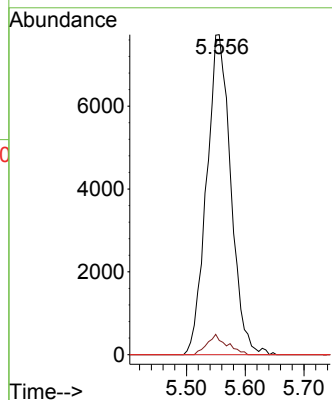


#38
Carbon Tetrachloride
Concen: 6.167 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Instrument :
MSVOA_X
ClientSampleId :

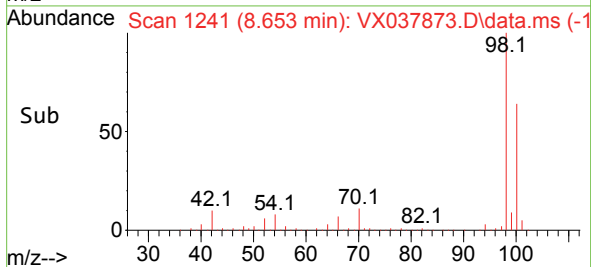
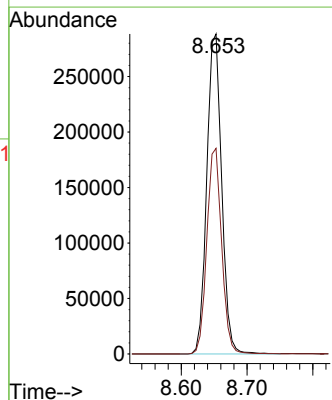
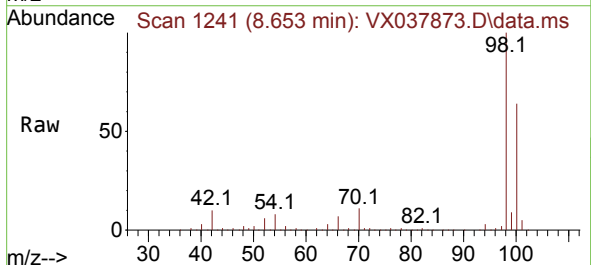


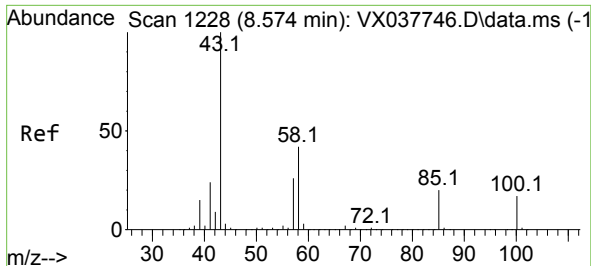
Tgt Ion:117 Resp: 22127
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.093 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Tgt Ion: 98 Resp: 454047
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7

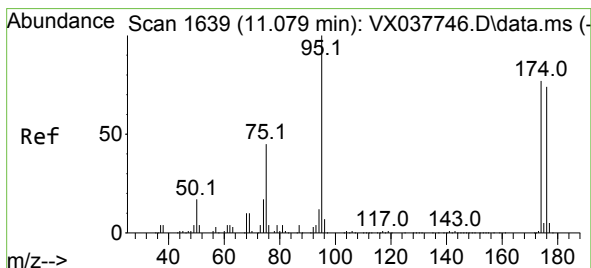
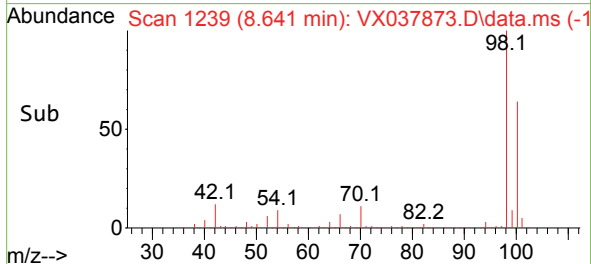
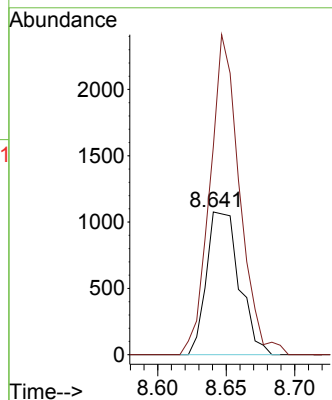
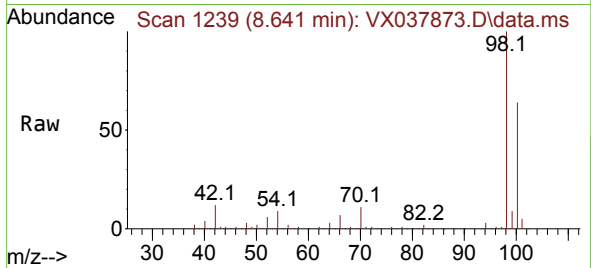




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

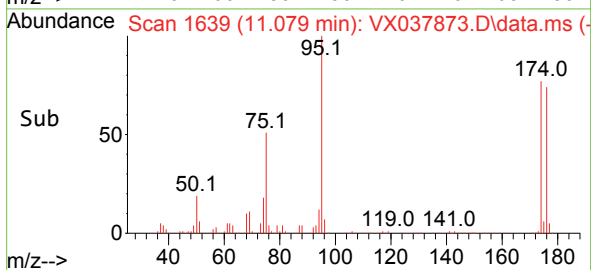
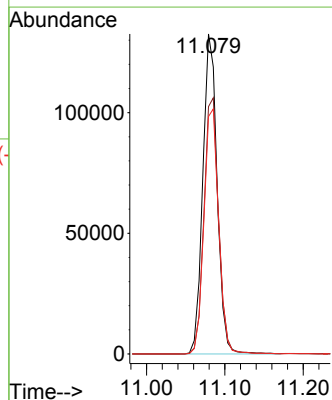
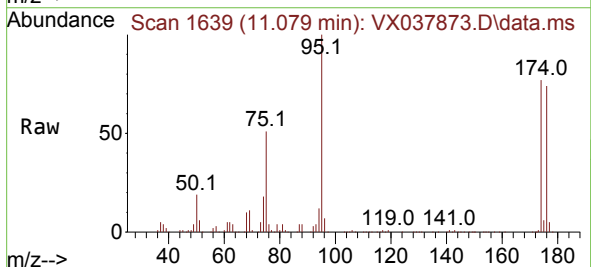
Instrument :
MSVOA_X
ClientSampleId :

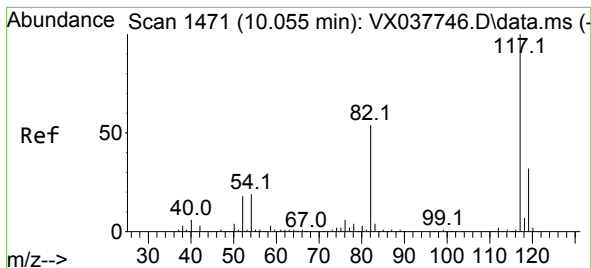
Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
58 201.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Tgt Ion: 95 Resp: 168166
Ion Ratio Lower Upper
95 100
174 82.1 0.0 135.6
176 79.2 0.0 131.0

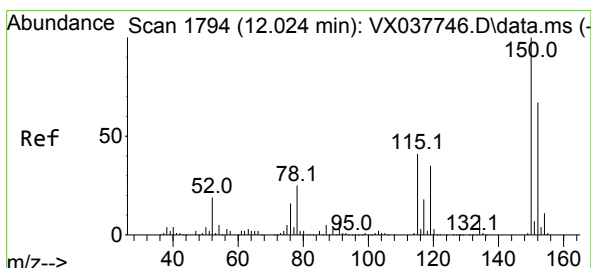
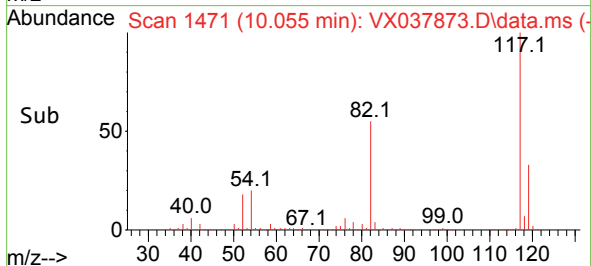
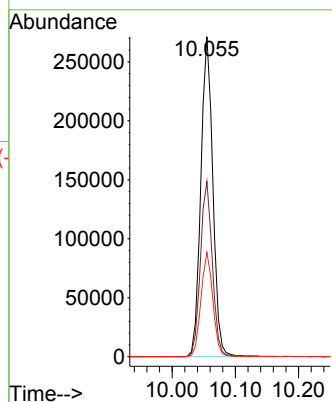
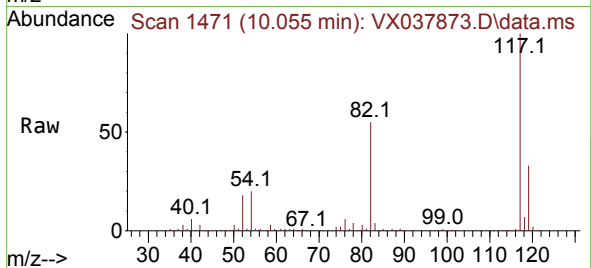




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

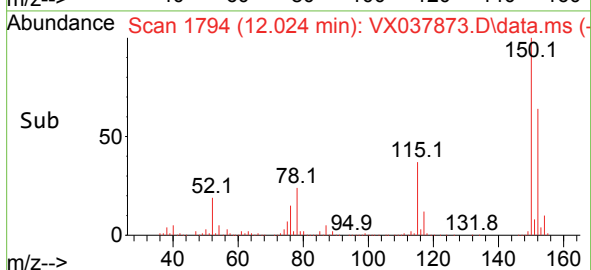
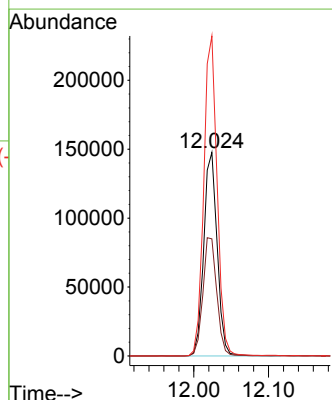
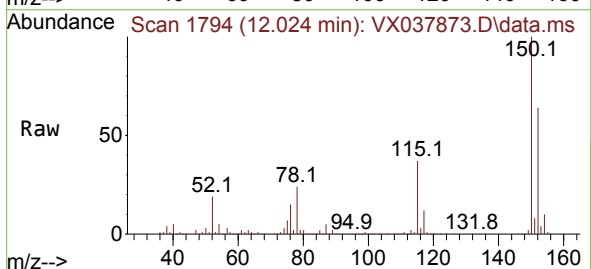
Instrument :
MSVOA_X
ClientSampleId :

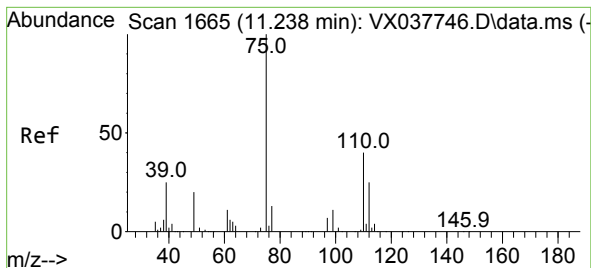
Tgt Ion:117 Resp: 359506
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 32.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037873.D
Acq: 22 Sep 2023 13:04

Tgt Ion:152 Resp: 184095
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 19.947 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037873.D

Acq: 22 Sep 2023 13:04

Instrument :

MSVOA_X

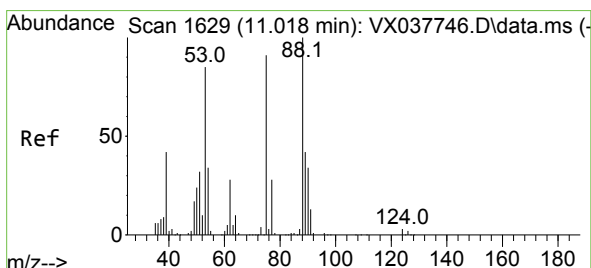
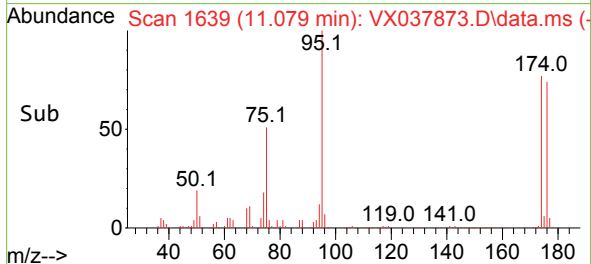
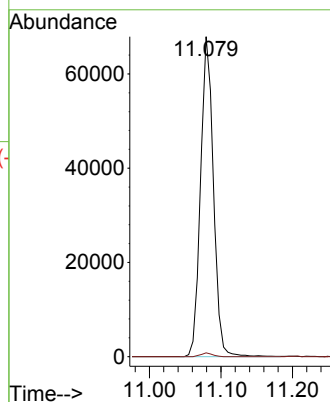
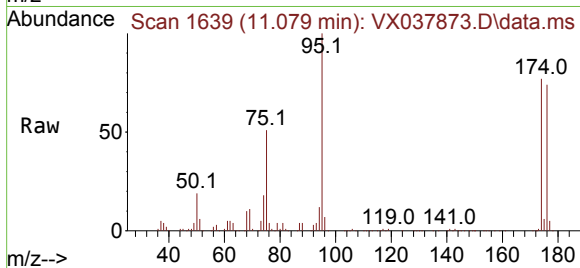
ClientSampleId :

Tgt Ion: 75 Resp: 84935

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.899 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037873.D

Acq: 22 Sep 2023 13:04

Tgt Ion: 75 Resp: 84935

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

