

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036940.D
 Acq On : 11 Aug 2023 14:51
 Operator : JC/MD
 Sample : 03955-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-26

Quant Time: Aug 11 22:59:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

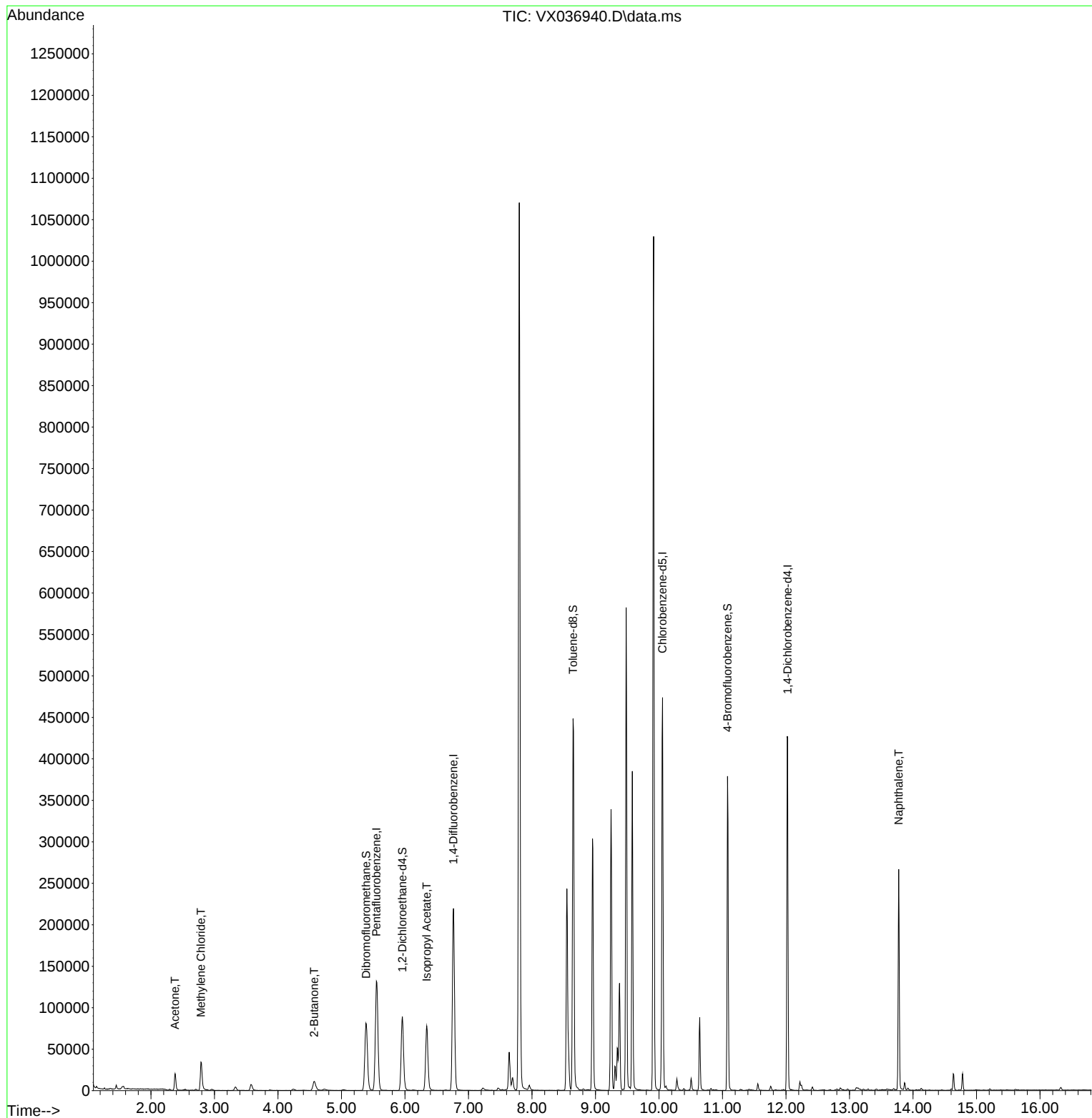
Internal Standards						
1) Pentafluorobenzene	5.550	168	122496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224962	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88112	48.613	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.220%
35) Dibromofluoromethane	5.385	113	71578	46.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	8.647	98	271977	49.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.200%
62) 4-Bromofluorobenzene	11.079	95	102228	49.414	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.820%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	21104	28.059	ug/l	92
20) Methylene Chloride	2.788	84	18751	11.210	ug/l	90
25) 2-Butanone	4.568	43	7420	6.081	ug/l	96
43) Isopropyl Acetate	6.342	43	105965	23.599	ug/l #	94
95) Naphthalene	13.774	128	160918	24.803	ug/l	99

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

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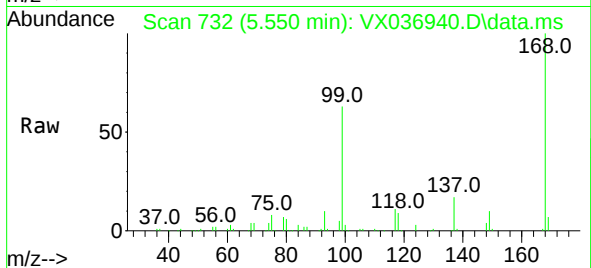
Quant Time: Aug 11 22:59:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
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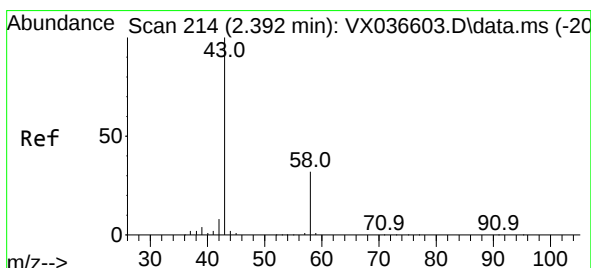
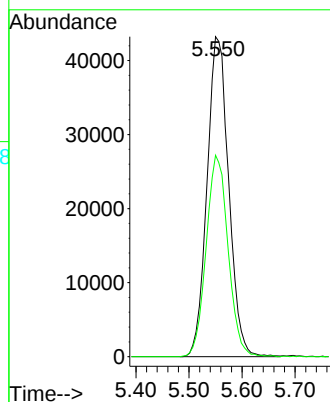
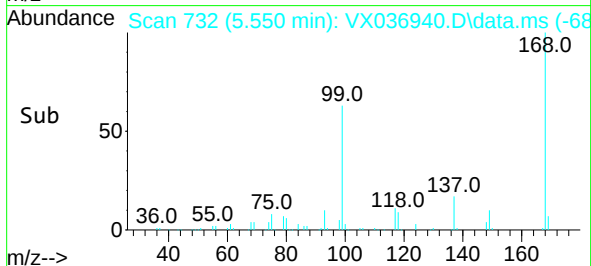


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
WC-26

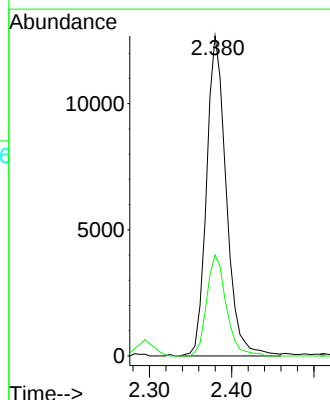
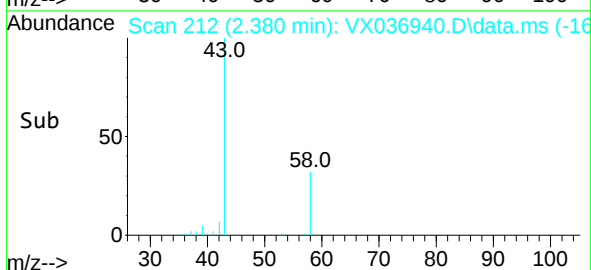
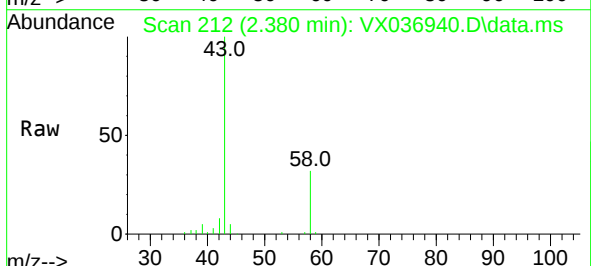


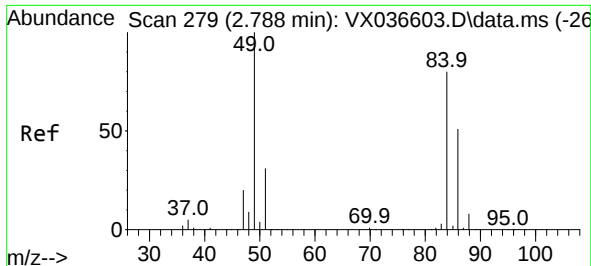
Tgt Ion:168 Resp: 122496
Ion Ratio Lower Upper
168 100
99 62.9 56.6 85.0



#16
Acetone
Concen: 28.059 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

Tgt Ion: 43 Resp: 21104
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9

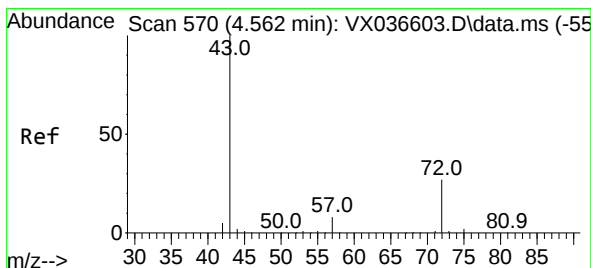
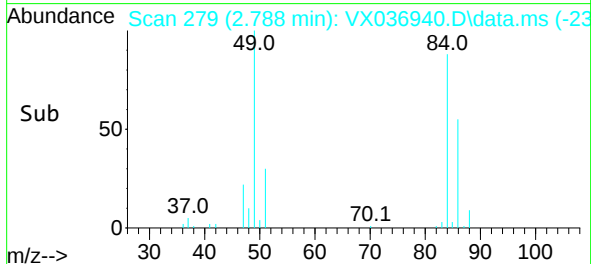
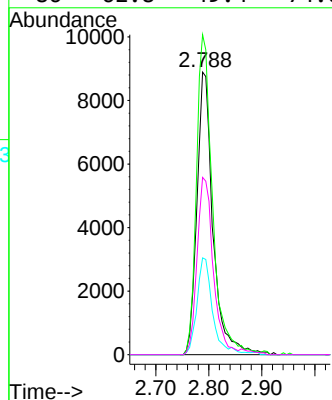
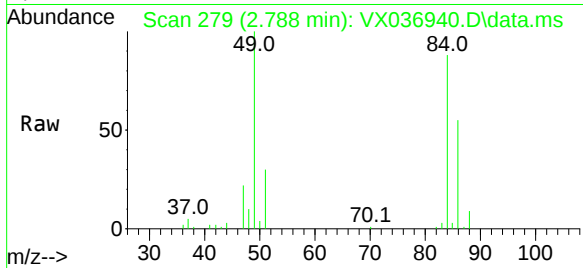




#20
Methylene Chloride
Concen: 11.210 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

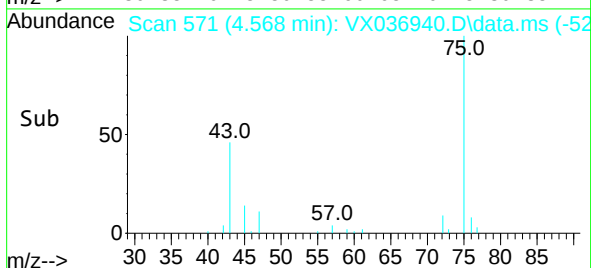
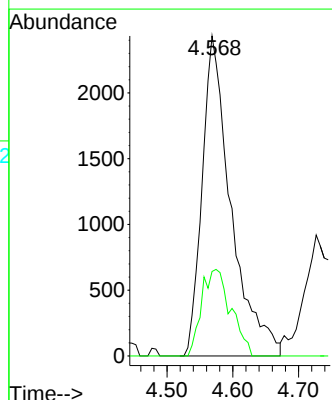
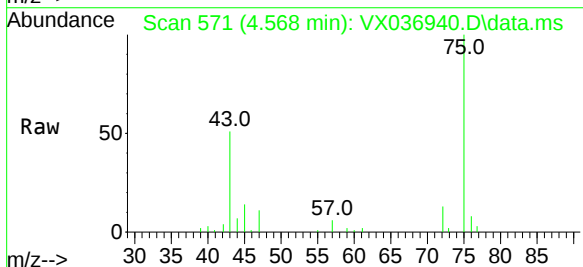
Instrument :
MSVOA_X
ClientSampleId :
WC-26

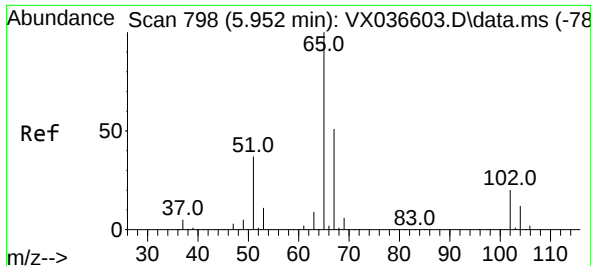
Tgt Ion:	84	Resp:	18751
Ion	Ratio	Lower	Upper
84	100		
49	113.2	103.6	155.4
51	34.2	33.8	50.6
86	62.8	49.4	74.0



#25
2-Butanone
Concen: 6.081 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

Tgt Ion:	43	Resp:	7420
Ion	Ratio	Lower	Upper
43	100		
72	26.4	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 48.613 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036940.D

Acq: 11 Aug 2023 14:51

Instrument :

MSVOA_X

ClientSampleId :

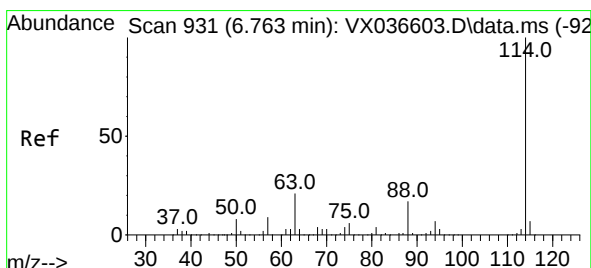
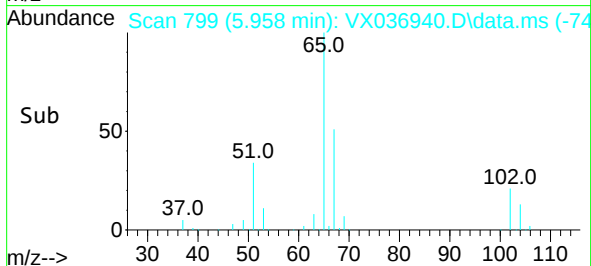
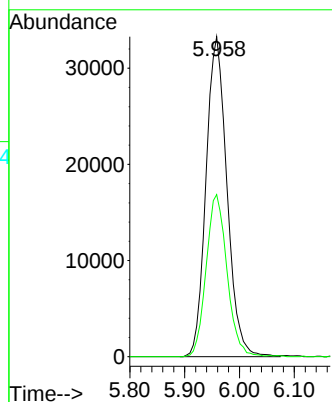
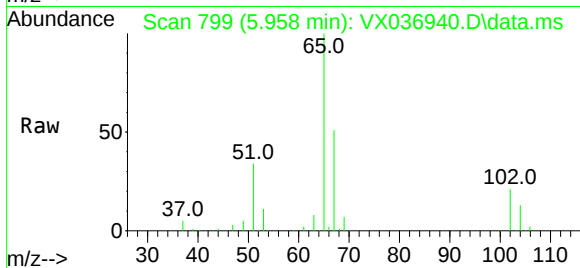
WC-26

Tgt Ion: 65 Resp: 88112

Ion Ratio Lower Upper

65 100

67 50.5 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: VX036940.D

Acq: 11 Aug 2023 14:51

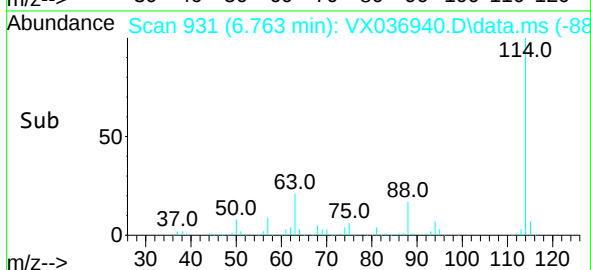
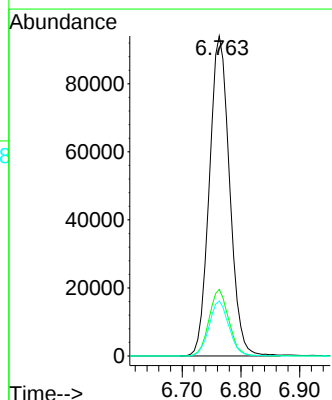
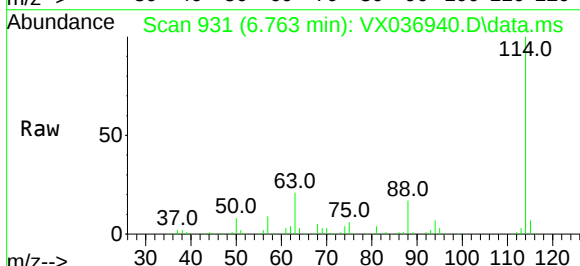
Tgt Ion: 114 Resp: 224962

Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

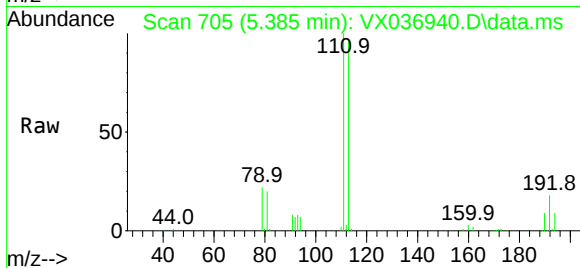
88 17.1 0.0 36.6



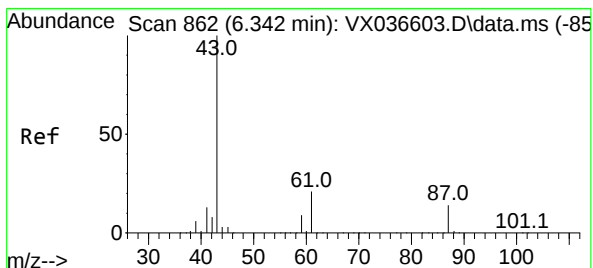
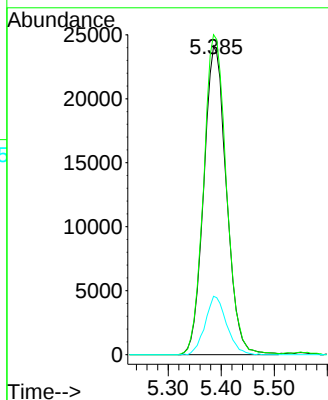
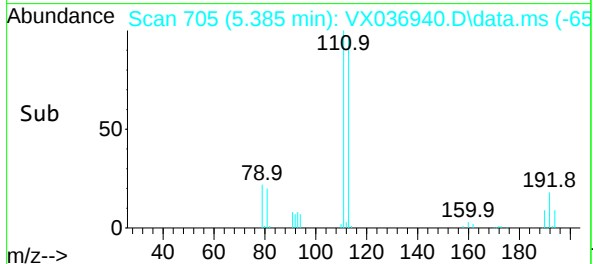


#35
Dibromofluoromethane
Concen: 46.291 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

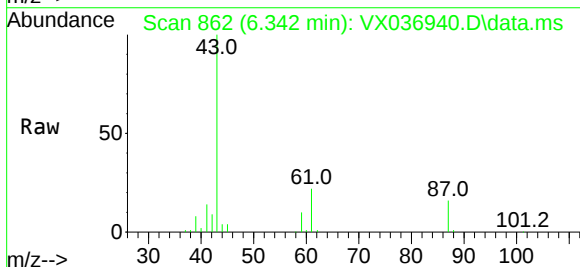
Instrument :
MSVOA_X
ClientSampleId :
WC-26



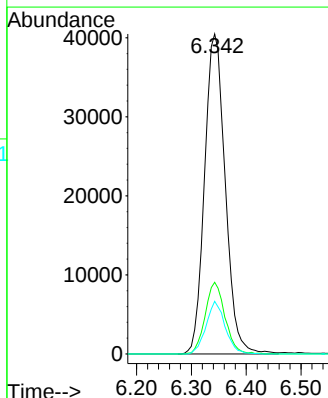
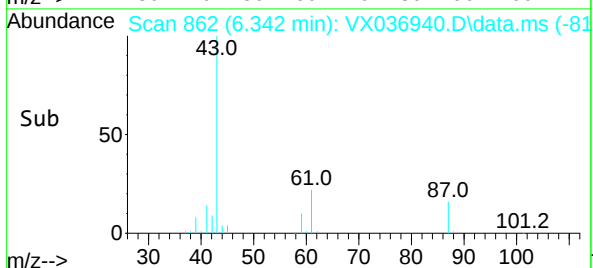
Tgt Ion:113 Resp: 71578
Ion Ratio Lower Upper
113 100
111 104.1 82.9 124.3
192 17.9 13.3 19.9

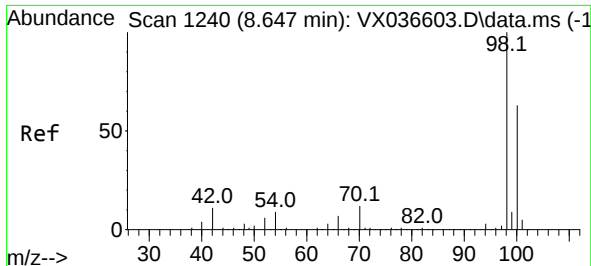


#43
Isopropyl Acetate
Concen: 23.599 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51



Tgt Ion: 43 Resp: 105965
Ion Ratio Lower Upper
43 100
61 21.4 15.2 22.8
87 15.2 9.8 14.6#

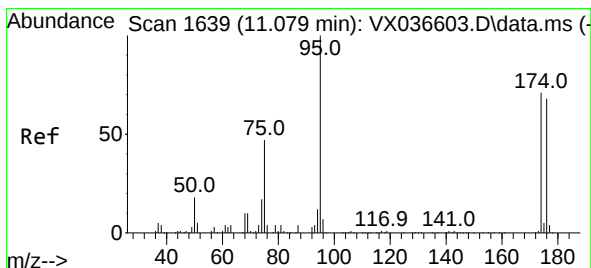
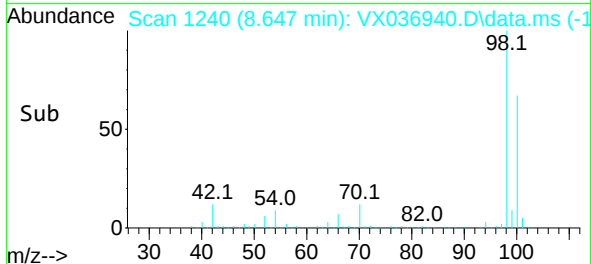
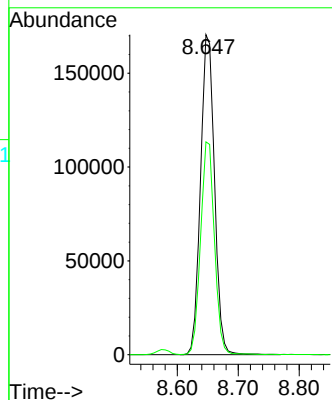
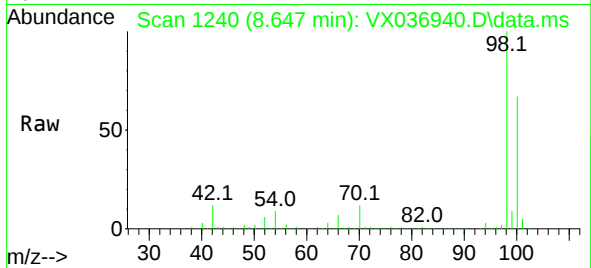




#50
Toluene-d8
Concen: 49.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

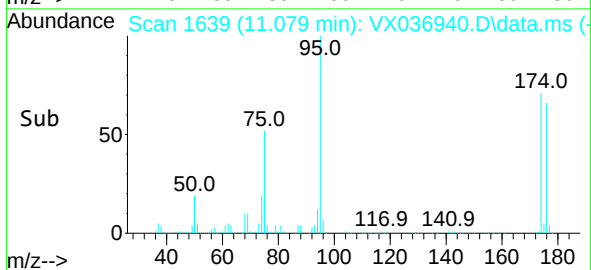
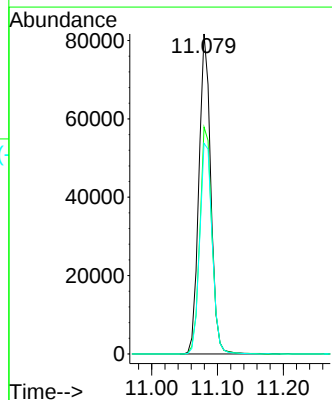
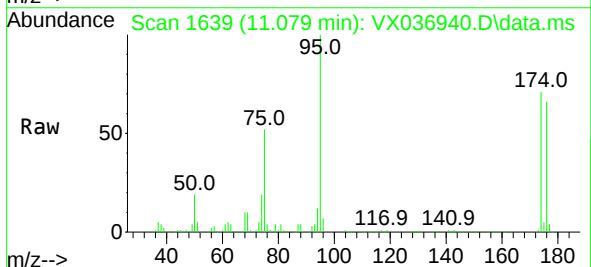
Instrument :
MSVOA_X
ClientSampleId :
WC-26

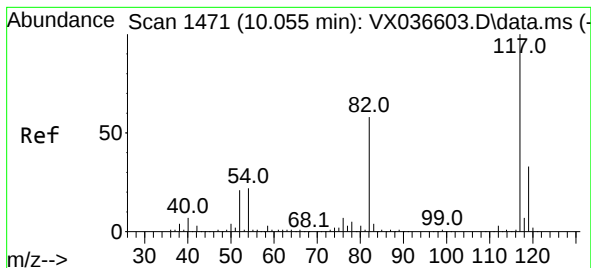
Tgt Ion: 98 Resp: 271977
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.414 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

Tgt Ion: 95 Resp: 102228
Ion Ratio Lower Upper
95 100
174 72.3 0.0 135.6
176 69.3 0.0 131.0

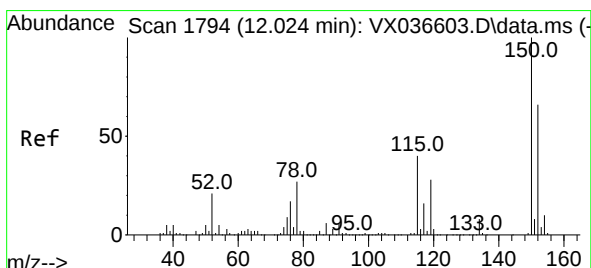
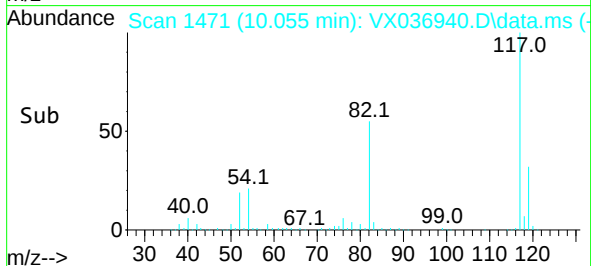
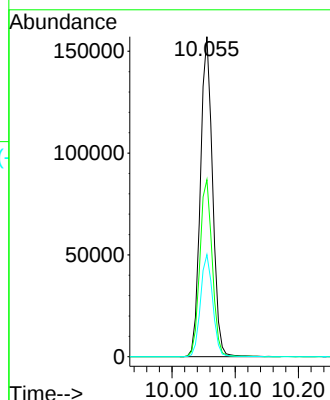
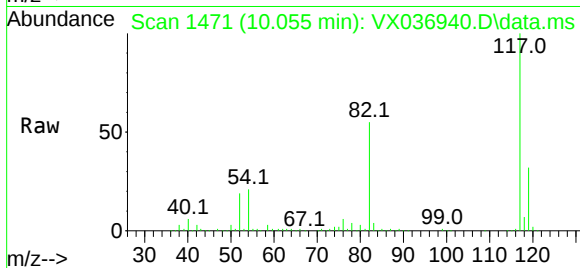




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

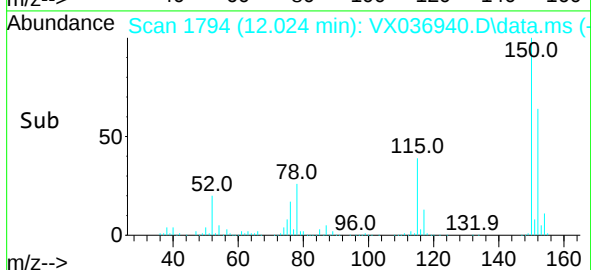
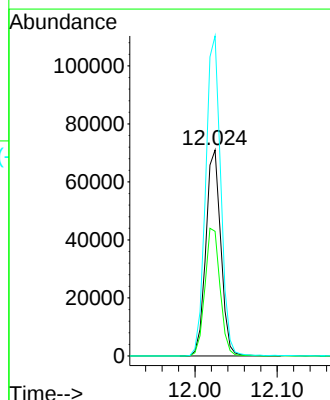
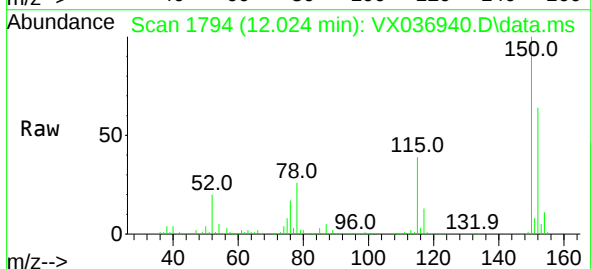
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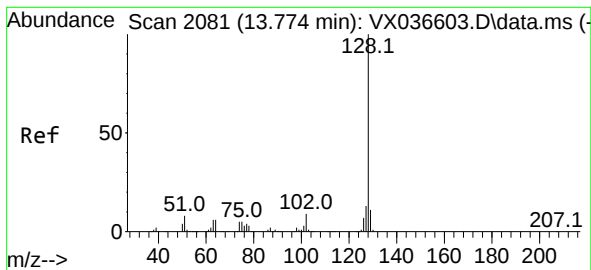
Tgt Ion:117 Resp: 210456
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

Tgt Ion:152 Resp: 89711
Ion Ratio Lower Upper
152 100
115 62.7 43.3 129.9
150 156.6 0.0 345.0





#95
Naphthalene
Concen: 24.803 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036940.D
Acq: 11 Aug 2023 14:51

Instrument :
MSVOA_X
ClientSampleId :
WC-26

Tgt Ion:128 Resp: 160918
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 10.7 8.8 13.2

