

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036814.D
 Acq On : 04 Aug 2023 16:43
 Operator : JC/MD
 Sample : ZHC#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#12

Quant Time: Aug 05 00:13:56 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)

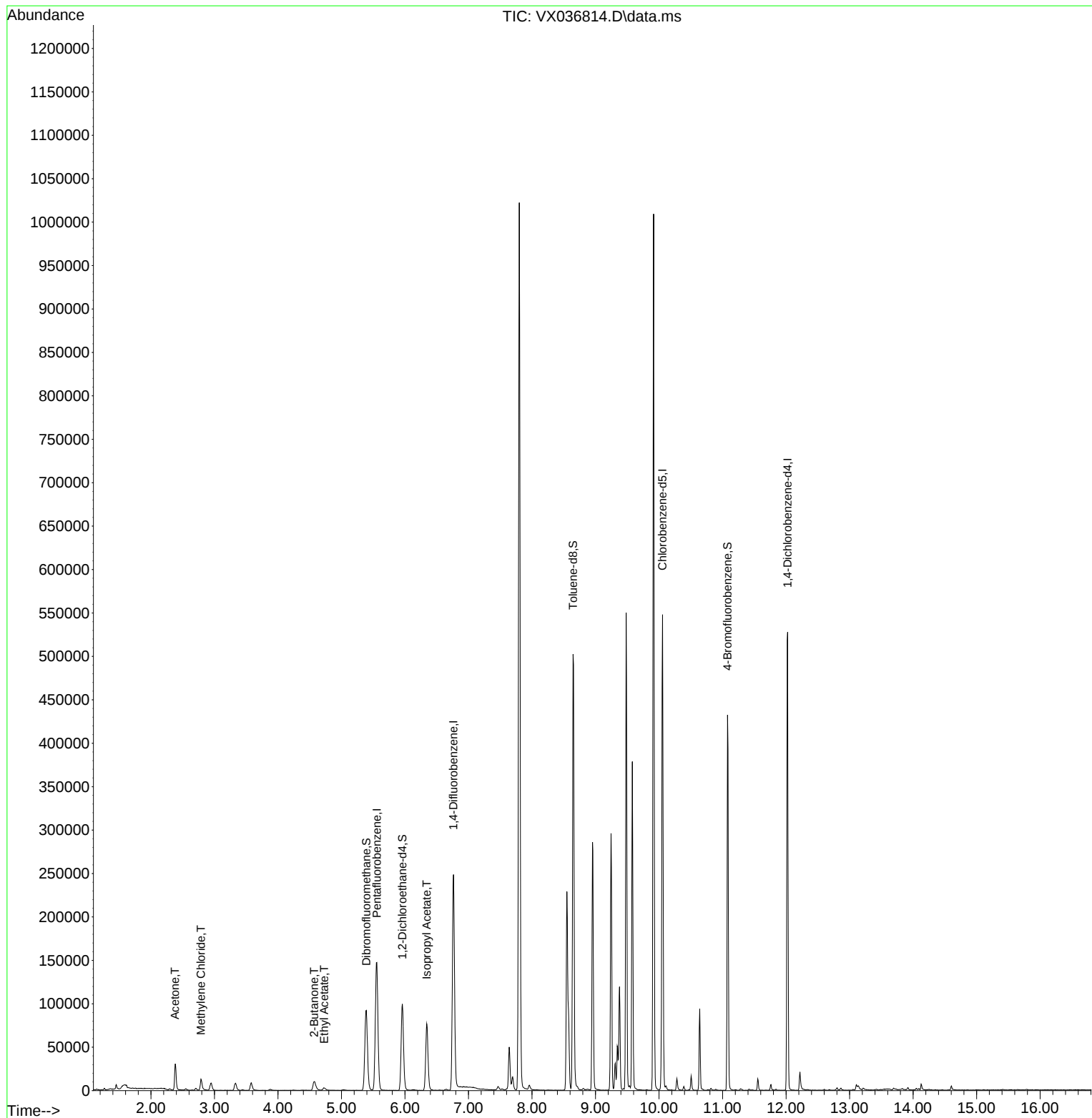
Internal Standards						
1) Pentafluorobenzene	5.556	168	137739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	253154	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	239295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97331	47.757	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.520%
35) Dibromofluoromethane	5.391	113	82770	47.568	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.646	98	305553	49.518	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.040%
62) 4-Bromofluorobenzene	11.079	95	117810	50.605	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.200%
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	34025	40.232	ug/l	96
20) Methylene Chloride	2.788	84	6605	3.512	ug/l	92
25) 2-Butanone	4.568	43	15523	11.313	ug/l	99
37) Ethyl Acetate	4.726	43	5075	1.729	ug/l	99
43) Isopropyl Acetate	6.342	43	105736	20.925	ug/l	96

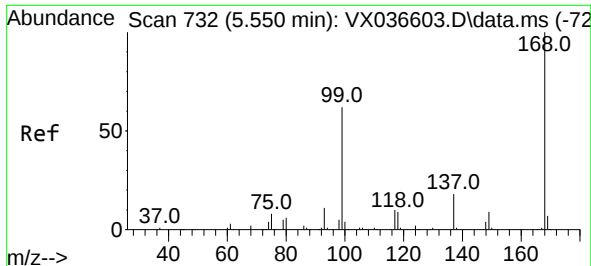
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

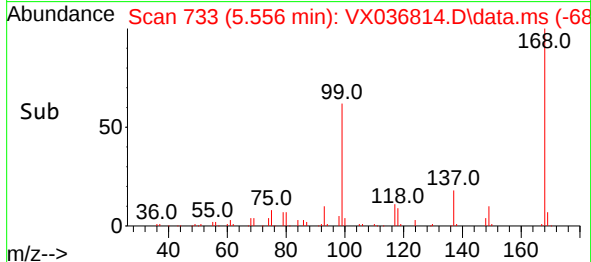
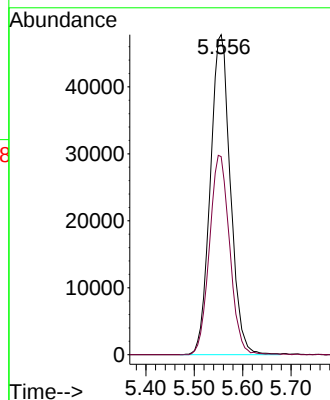
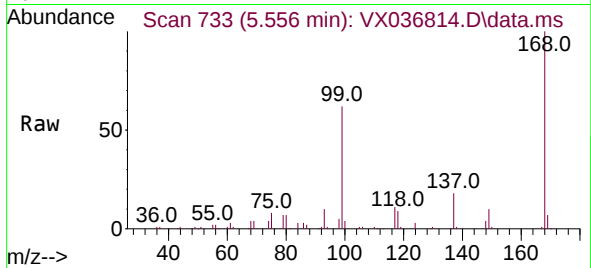




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

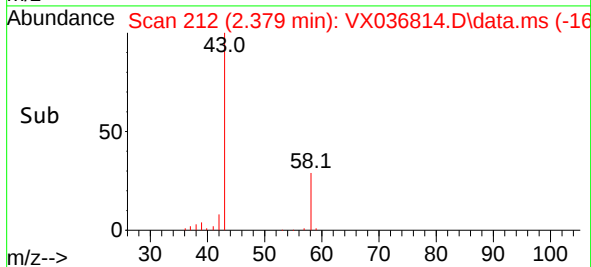
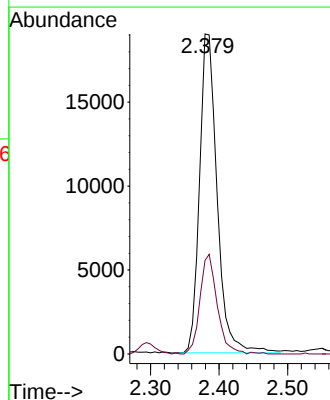
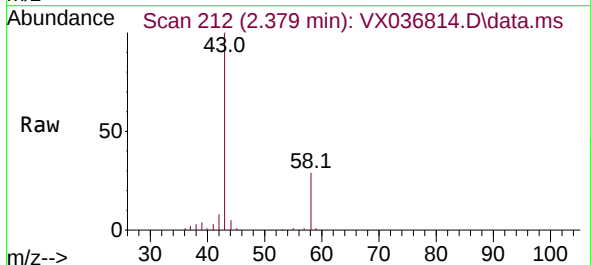
Instrument :
MSVOA_X
ClientSampleId :
ZHC#12

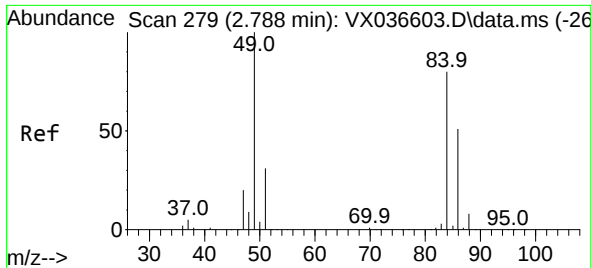
Tgt Ion:168 Resp: 137739
Ion Ratio Lower Upper
168 100
99 61.9 56.6 85.0



#16
Acetone
Concen: 40.232 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

Tgt Ion: 43 Resp: 34025
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9

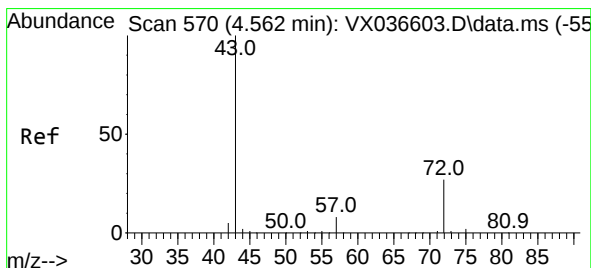
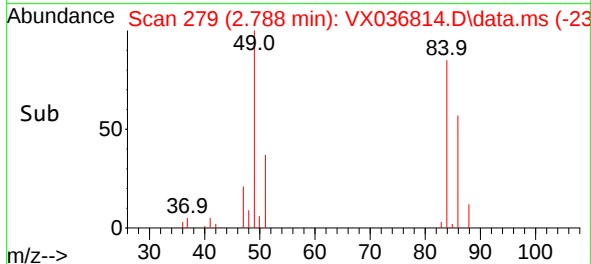
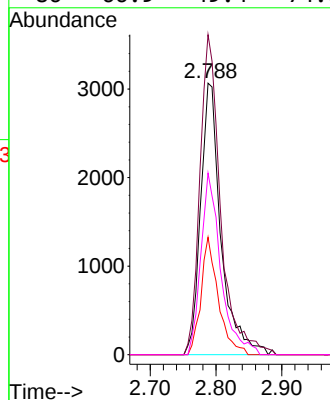
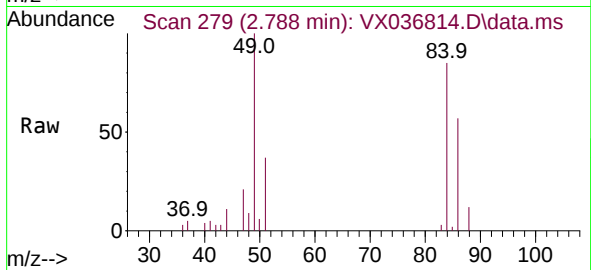




#20
Methylene Chloride
Concen: 3.512 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

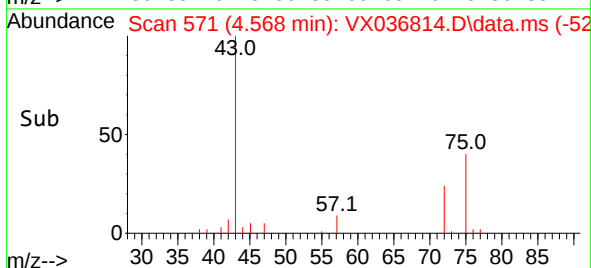
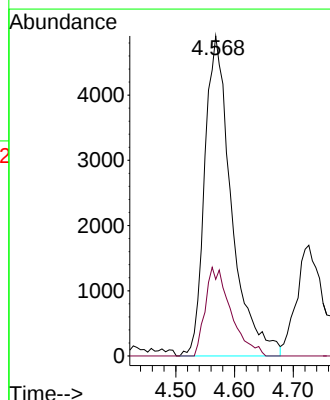
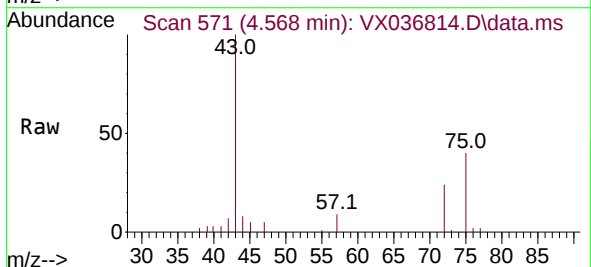
Instrument :
MSVOA_X
ClientSampleId :
ZHC#12

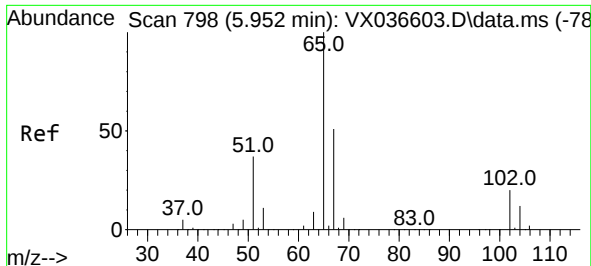
Tgt Ion:	84	Resp:	6605
Ion	Ratio	Lower	Upper
84	100		
49	117.8	103.6	155.4
51	43.2	33.8	50.6
86	66.9	49.4	74.0



#25
2-Butanone
Concen: 11.313 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

Tgt Ion:	43	Resp:	15523
Ion	Ratio	Lower	Upper
43	100		
72	23.9	19.4	29.2





#33

1,2-Dichloroethane-d4

Concen: 47.757 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036814.D

Acq: 04 Aug 2023 16:43

Instrument :

MSVOA_X

ClientSampleId :

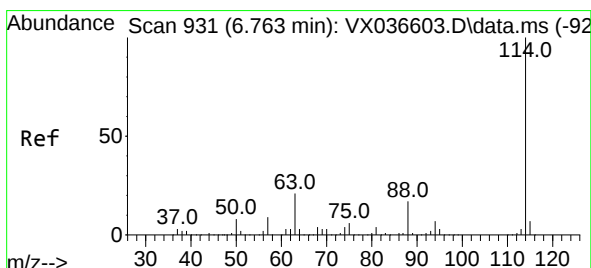
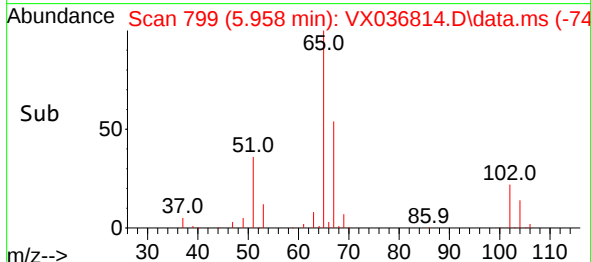
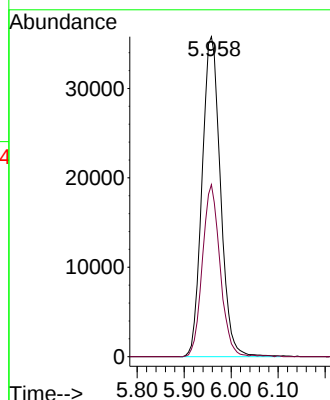
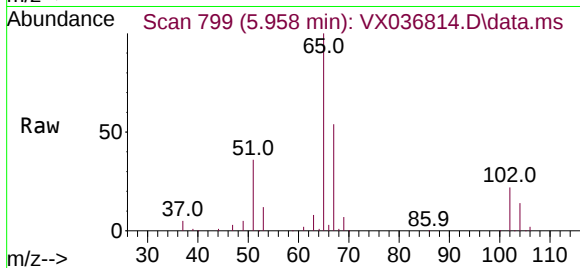
ZHC#12

Tgt Ion: 65 Resp: 97331

Ion Ratio Lower Upper

65 100

67 51.5 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: VX036814.D

Acq: 04 Aug 2023 16:43

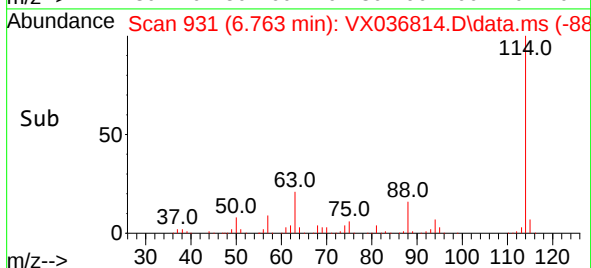
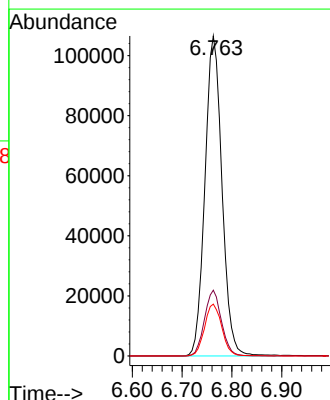
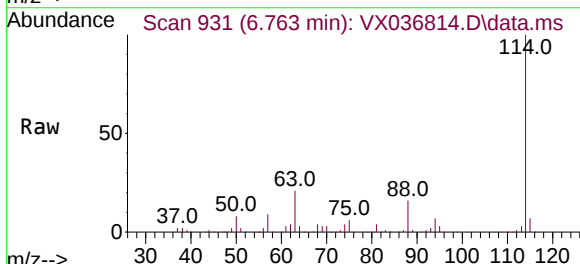
Tgt Ion: 114 Resp: 253154

Ion Ratio Lower Upper

114 100

63 20.6 0.0 45.0

88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.568 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036814.D

Acq: 04 Aug 2023 16:43

Instrument :

MSVOA_X

ClientSampleId :

ZHC#12

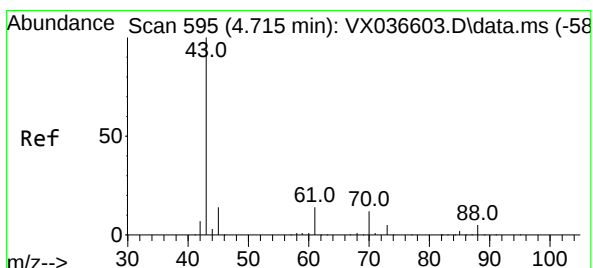
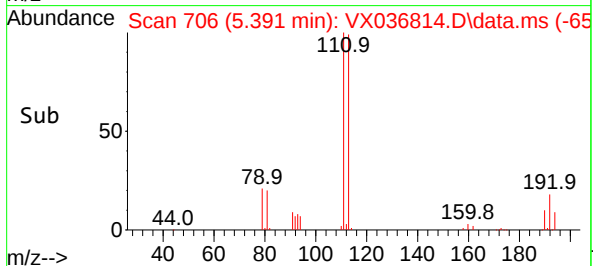
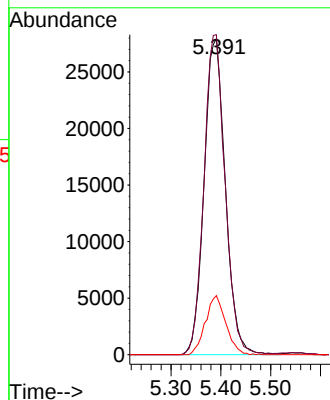
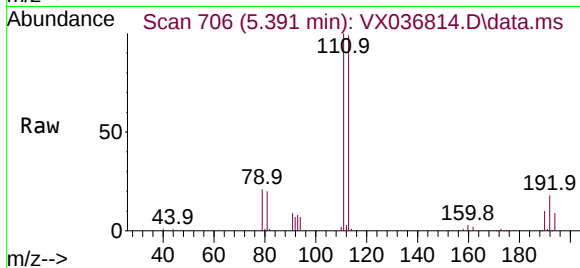
Tgt Ion:113 Resp: 82770

Ion Ratio Lower Upper

113 100

111 100.7 82.9 124.3

192 17.9 13.3 19.9



#37

Ethyl Acetate

Concen: 1.729 ug/l

RT: 4.726 min Scan# 597

Delta R.T. 0.012 min

Lab File: VX036814.D

Acq: 04 Aug 2023 16:43

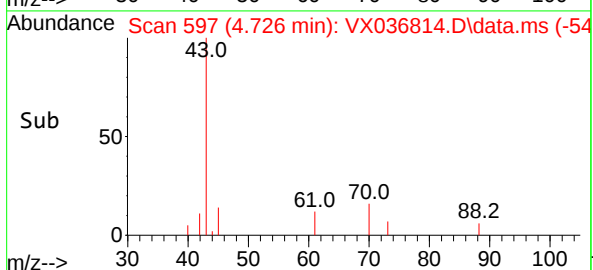
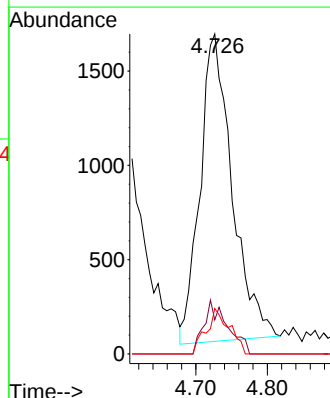
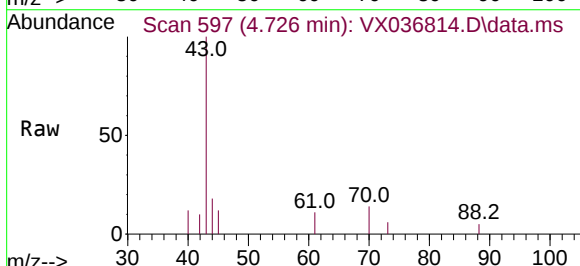
Tgt Ion: 43 Resp: 5075

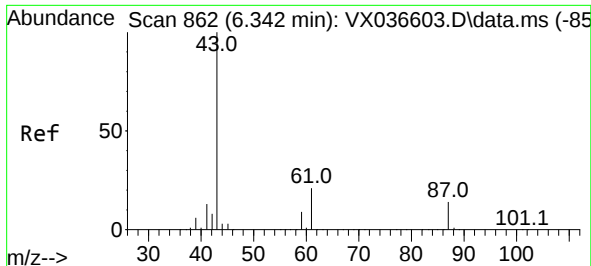
Ion Ratio Lower Upper

43 100

61 12.9 10.6 16.0

70 10.7 8.3 12.5

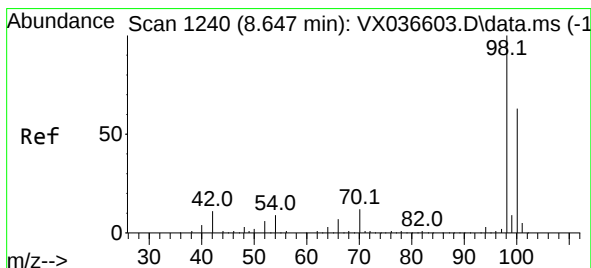
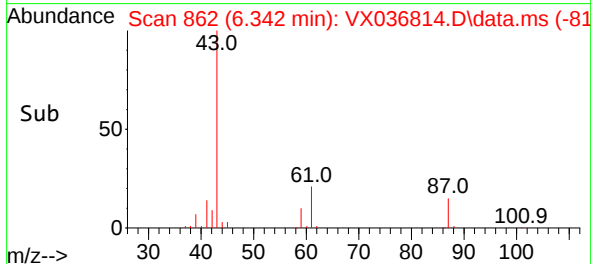
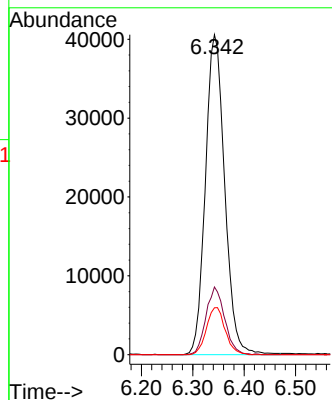
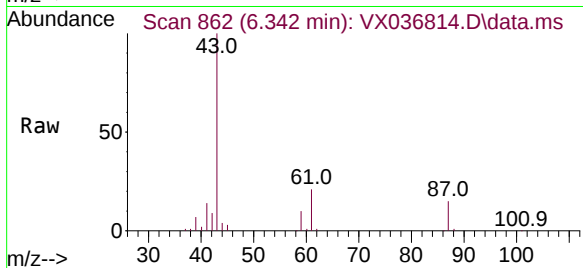




#43
Isopropyl Acetate
Concen: 20.925 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

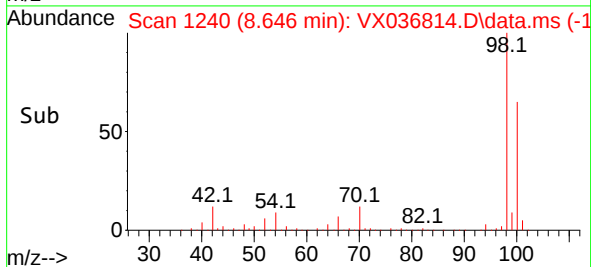
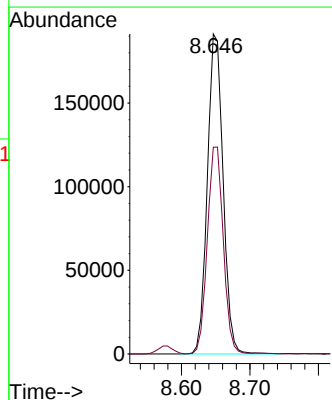
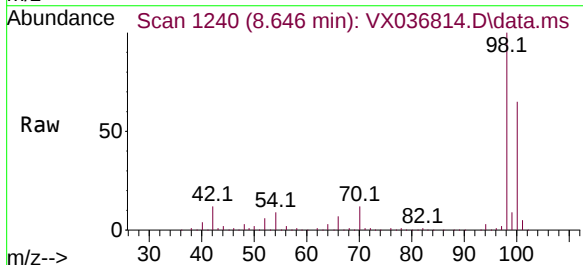
Instrument :
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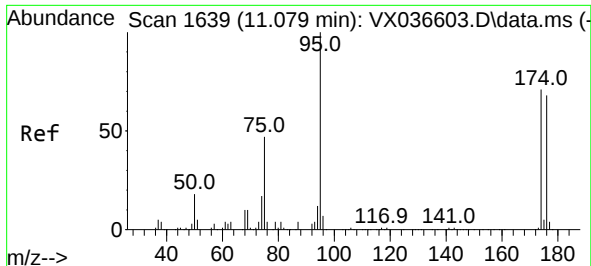
Tgt Ion: 43 Resp: 105736
Ion Ratio Lower Upper
43 100
61 20.4 15.2 22.8
87 14.3 9.8 14.6



#50
Toluene-d8
Concen: 49.518 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

Tgt Ion: 98 Resp: 305553
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7

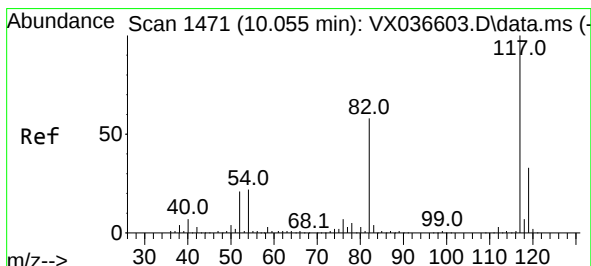
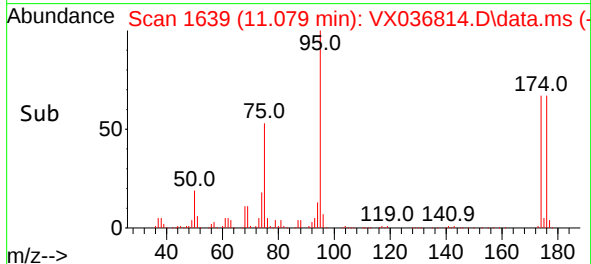
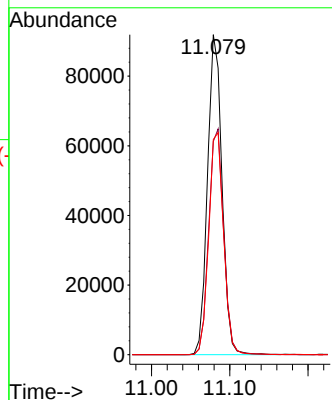
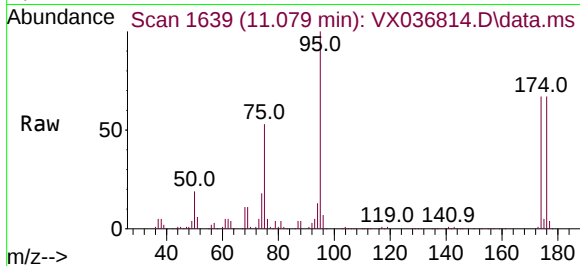




#62
4-Bromofluorobenzene
Concen: 50.605 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

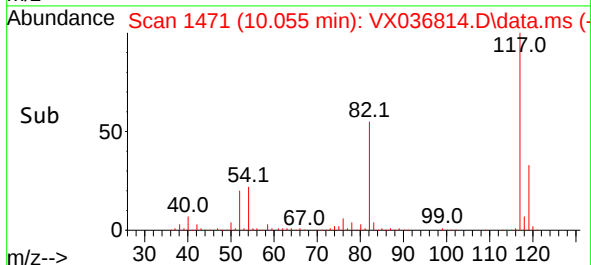
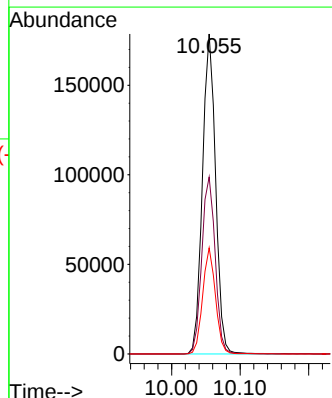
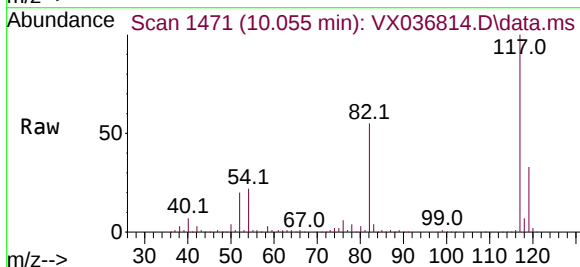
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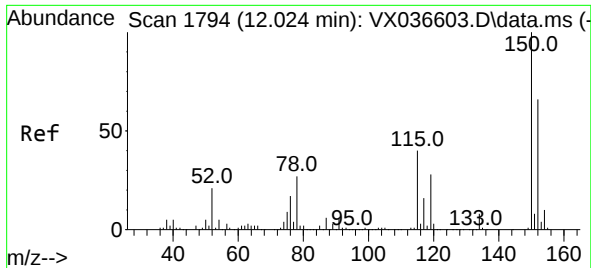
Tgt Ion: 95 Resp: 117810
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 71.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036814.D
Acq: 04 Aug 2023 16:43

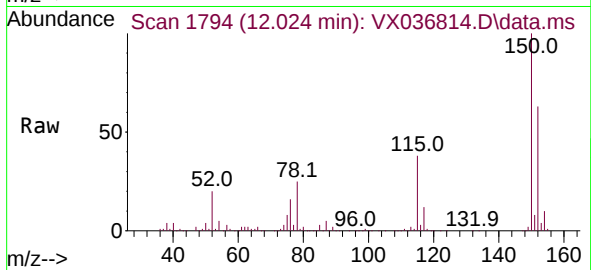
Tgt Ion: 117 Resp: 239295
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 33.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036814.D
 Acq: 04 Aug 2023 16:43

Instrument :
 MSVOA_X
 ClientSampleId :
 ZHC#12



Tgt Ion:152 Resp: 108321
 Ion Ratio Lower Upper
 152 100
 115 62.7 43.3 129.9
 150 159.1 0.0 345.0

