

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036491.D
 Acq On : 10 Jul 2023 18:30
 Operator : JC/MD
 Sample : 03555-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-369

Quant Time: Jul 11 01:32:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

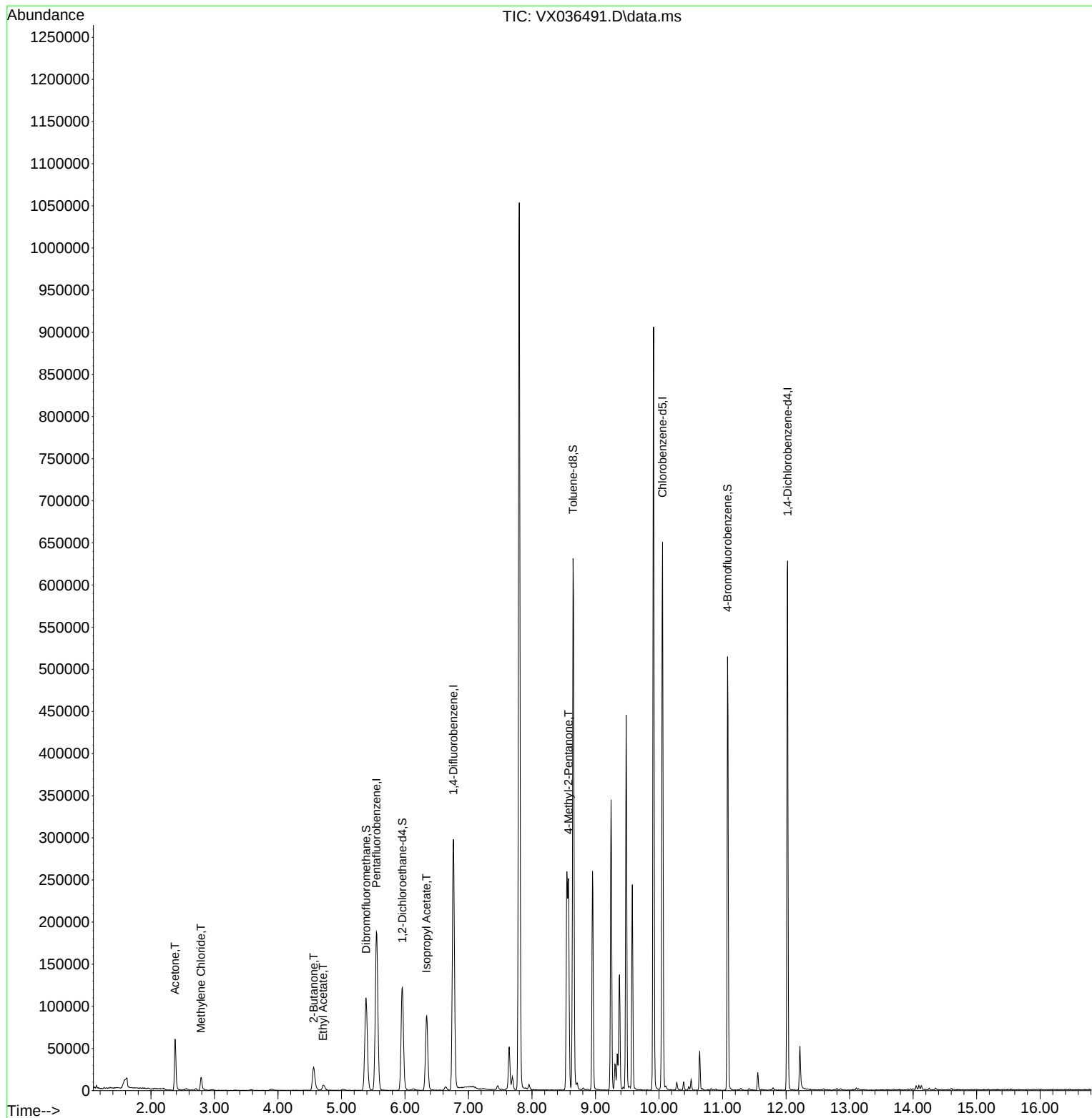
Internal Standards						
1) Pentafluorobenzene	5.550	168	177304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	302788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	117280	46.145	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.300%
35) Dibromofluoromethane	5.385	113	95582	47.875	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.740%
50) Toluene-d8	8.647	98	370826	49.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.460%
62) 4-Bromofluorobenzene	11.079	95	133135	50.688	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.380%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	66303	61.034	ug/l	90
20) Methylene Chloride	2.788	84	7217	3.086	ug/l	97
25) 2-Butanone	4.562	43	48951	31.362	ug/l	93
37) Ethyl Acetate	4.708	43	11642	3.838	ug/l	98
43) Isopropyl Acetate	6.336	43	122341	25.283	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	219401	70.378	ug/l #	82

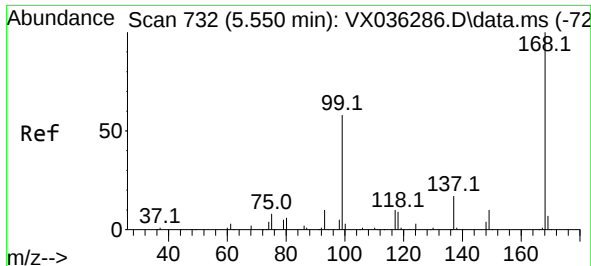
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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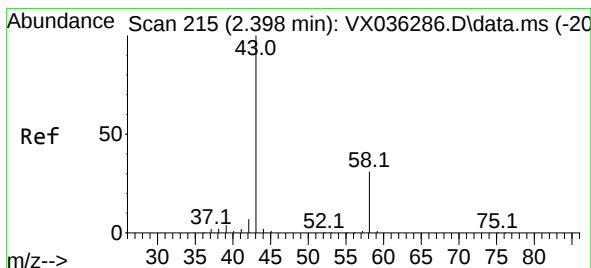
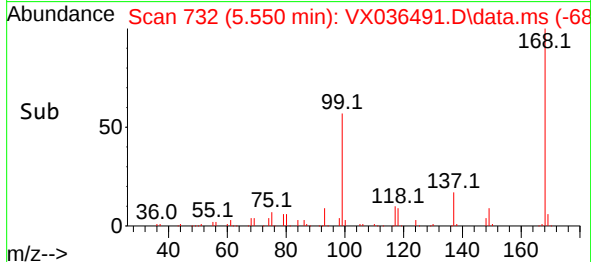
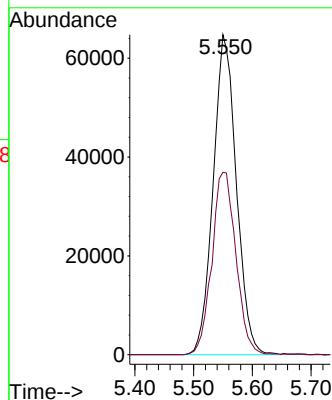
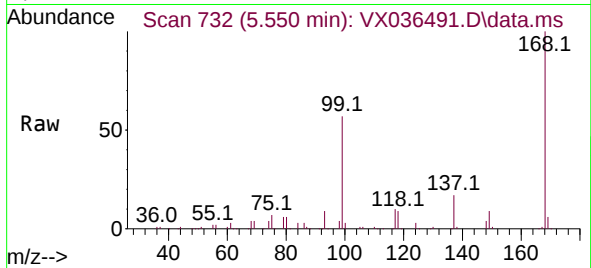




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

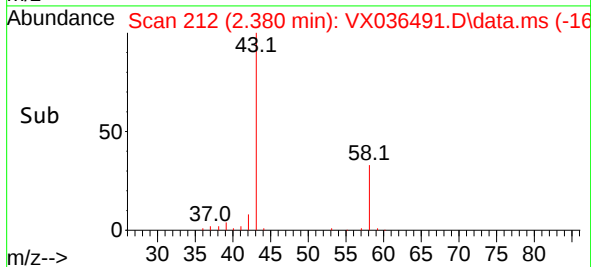
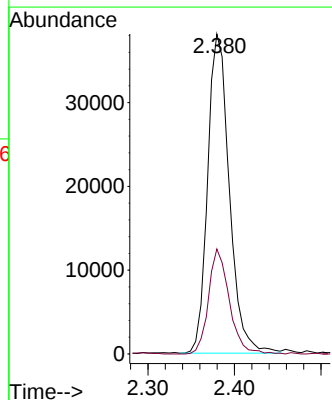
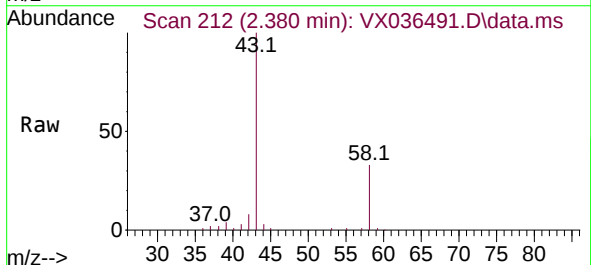
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

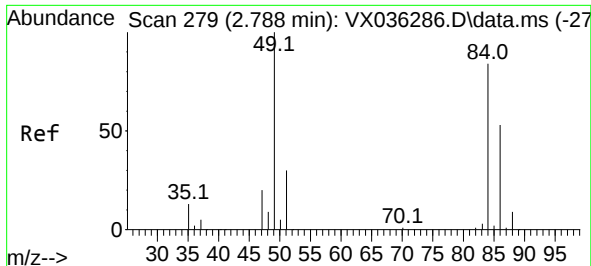
Tgt Ion:168 Resp: 177304
Ion Ratio Lower Upper
168 100
99 57.0 56.6 85.0



#16
Acetone
Concen: 61.034 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 43 Resp: 66303
Ion Ratio Lower Upper
43 100
58 32.9 21.9 32.9

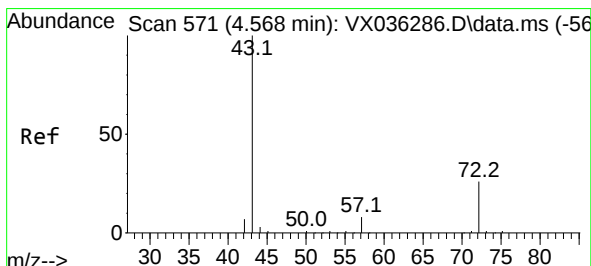
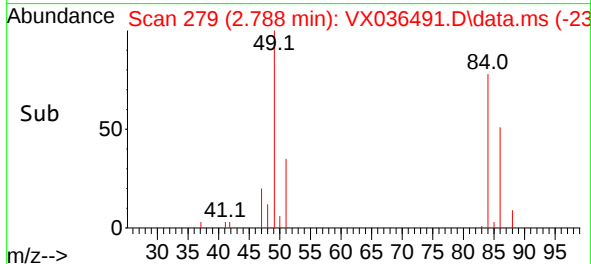
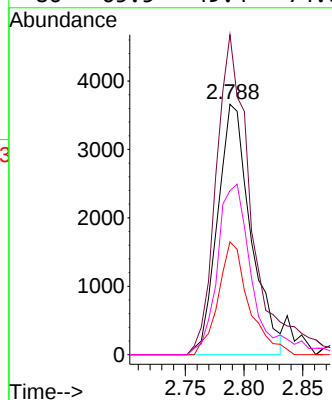
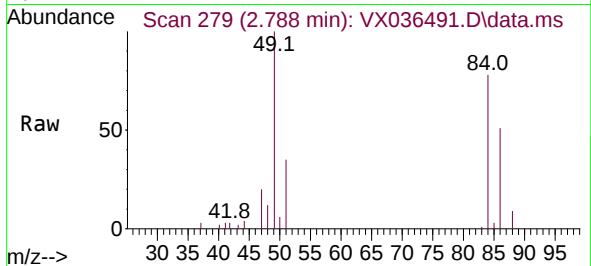




#20
Methylene Chloride
Concen: 3.086 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

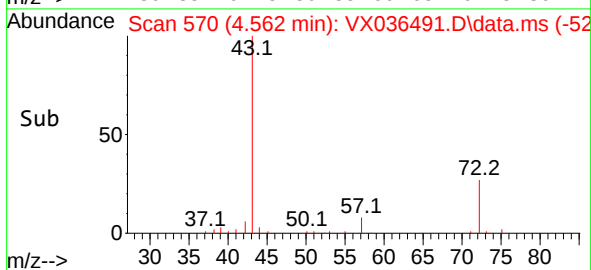
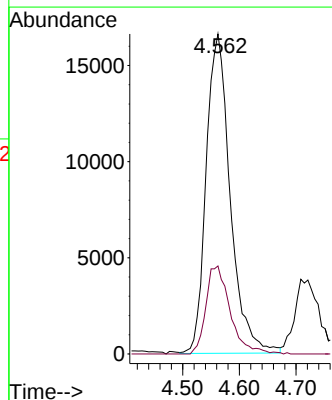
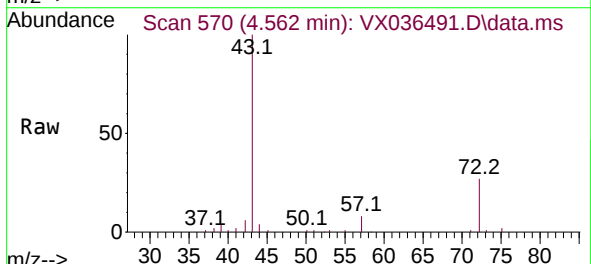
Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

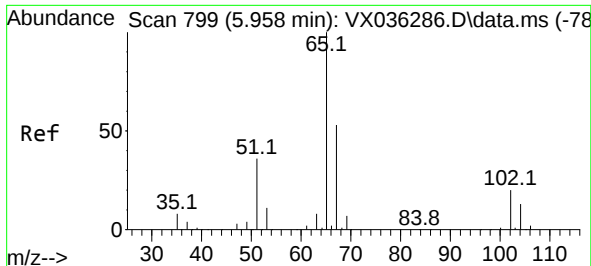
Tgt Ion: 84	Resp: 7217
Ion Ratio	Lower Upper
84 100	
49 127.8	103.6 155.4
51 45.0	33.8 50.6
86 65.5	49.4 74.0



#25
2-Butanone
Concen: 31.362 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 43	Resp: 48951
Ion Ratio	Lower Upper
43 100	
72 27.6	19.4 29.2

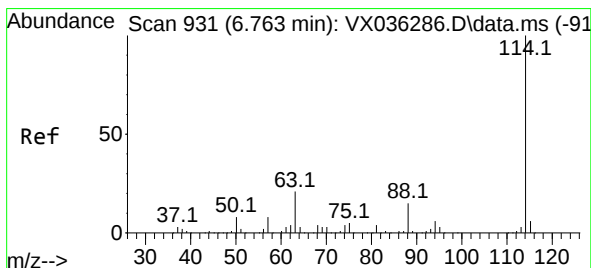
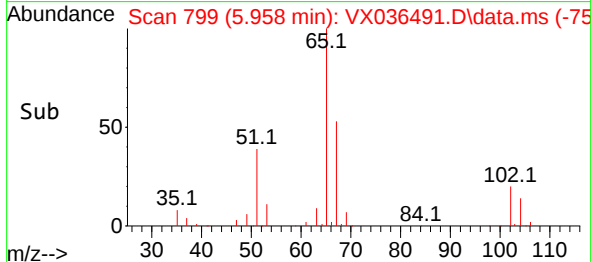
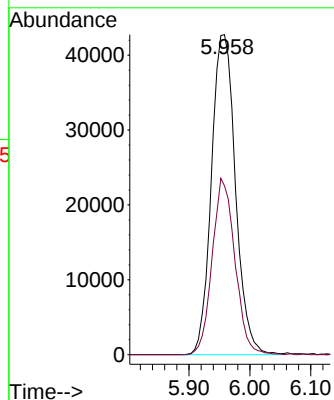
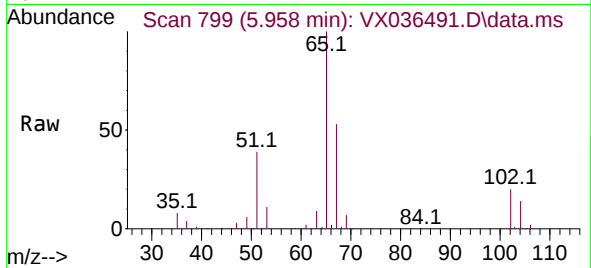




#33
 1,2-Dichloroethane-d4
 Concen: 46.145 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

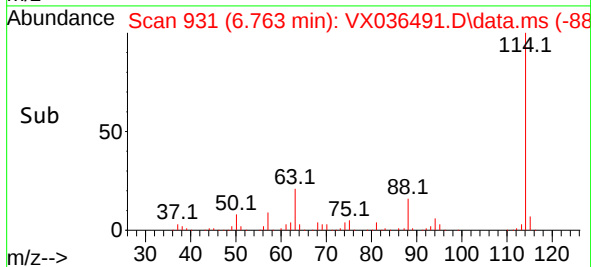
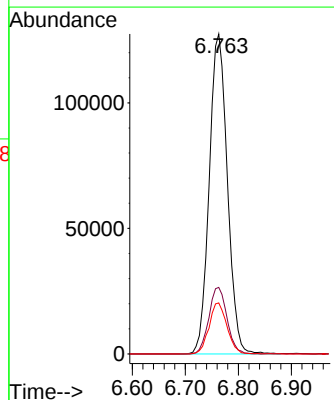
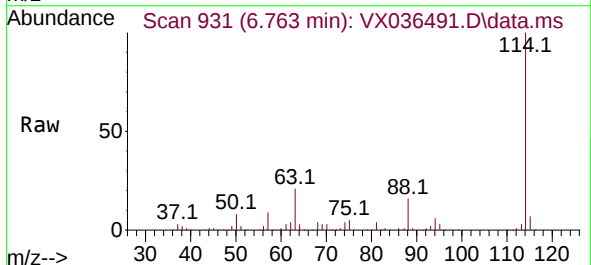
Instrument :
 MSVOA_X
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 ETGI-369

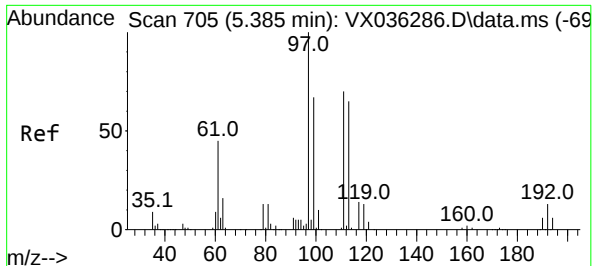
Tgt Ion: 65 Resp: 117280
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036491.D
 Acq: 10 Jul 2023 18:30

Tgt Ion: 114 Resp: 302788
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 45.0
 88 16.0 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.875 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036491.D

Acq: 10 Jul 2023 18:30

Instrument :

MSVOA_X

ClientSampleId :

ETGI-369

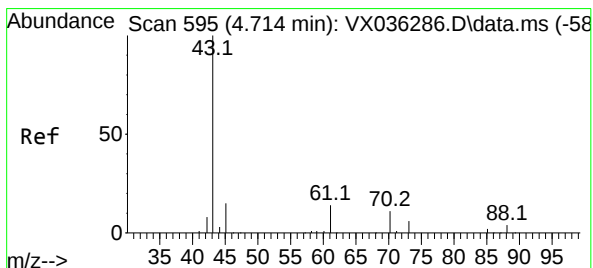
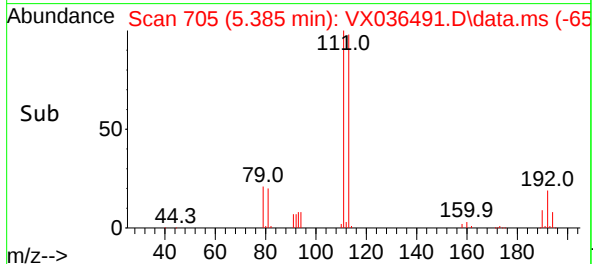
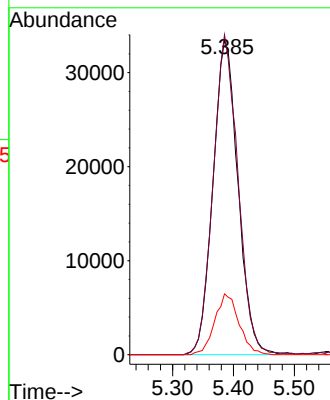
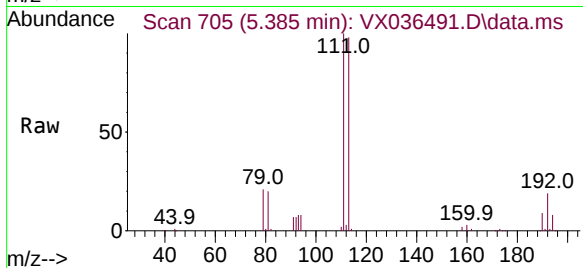
Tgt Ion:113 Resp: 95582

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

192 18.7 13.3 19.9



#37

Ethyl Acetate

Concen: 3.838 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036491.D

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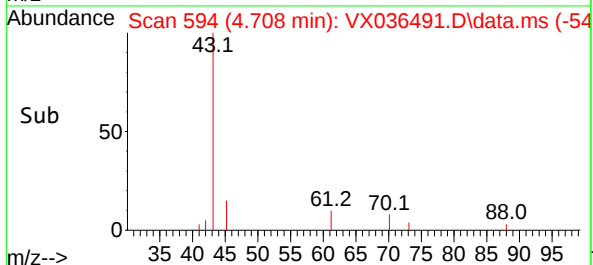
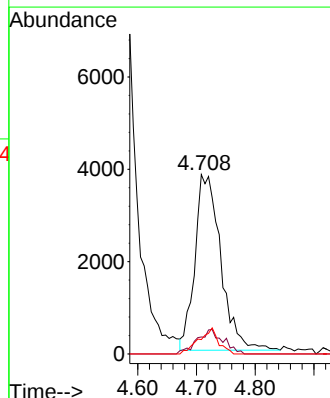
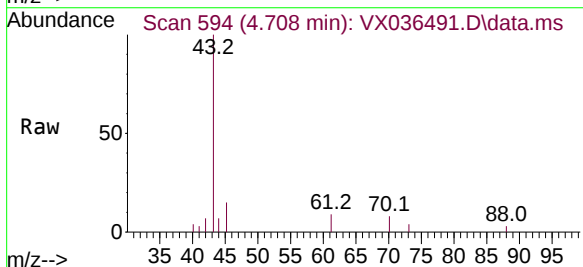
Tgt Ion: 43 Resp: 11642

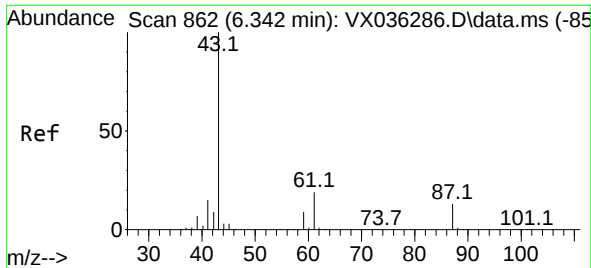
Ion Ratio Lower Upper

43 100

61 14.0 10.6 16.0

70 11.2 8.3 12.5

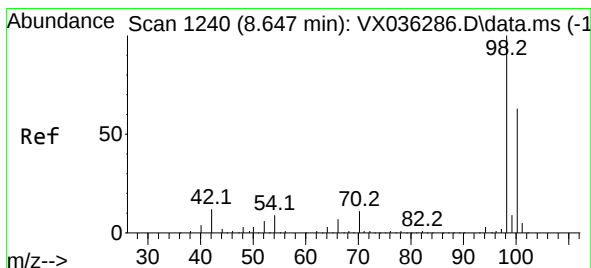
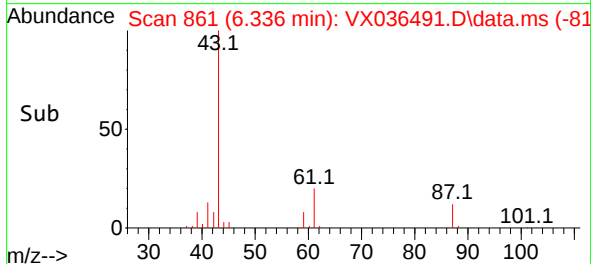
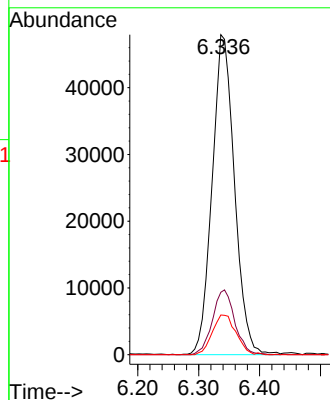
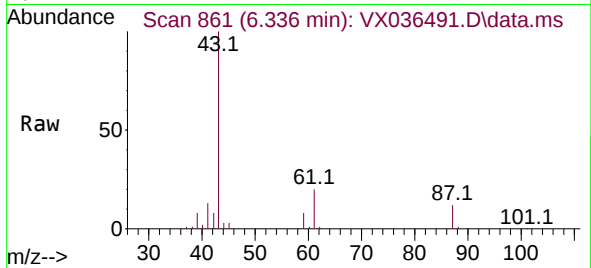




#43
Isopropyl Acetate
Concen: 25.283 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

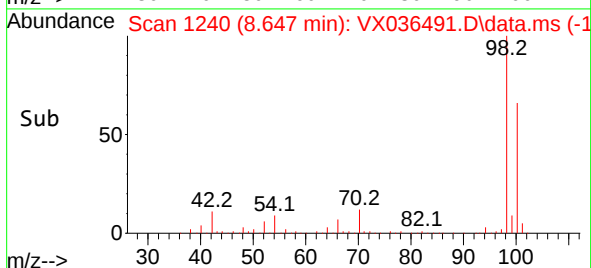
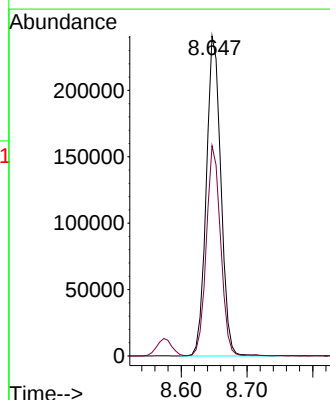
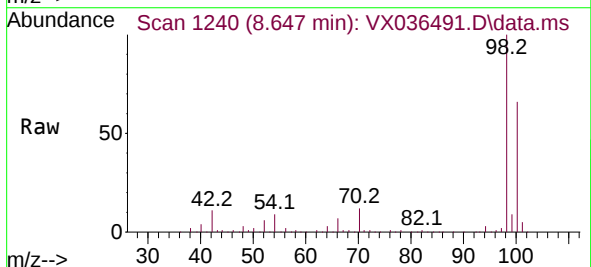
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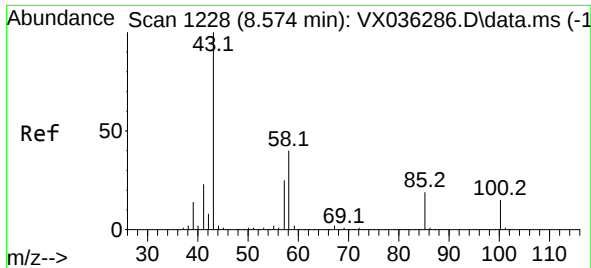
Tgt Ion: 43 Resp: 122341
Ion Ratio Lower Upper
43 100
61 20.2 15.2 22.8
87 13.1 9.8 14.6



#50
Toluene-d8
Concen: 49.729 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 98 Resp: 370826
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

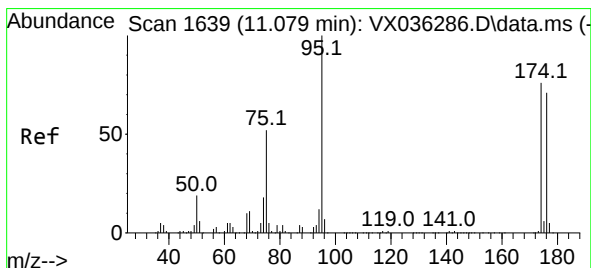
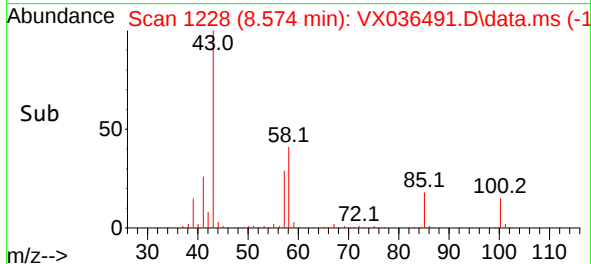
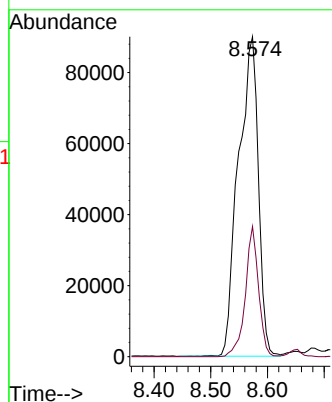
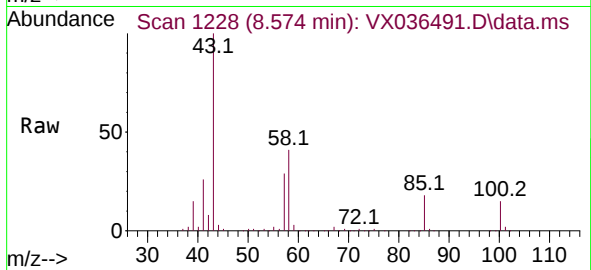




#51
4-Methyl-2-Pentanone
Concen: 70.378 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

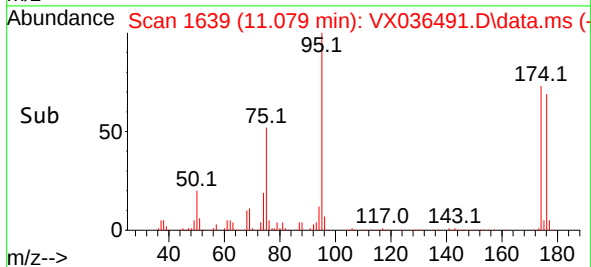
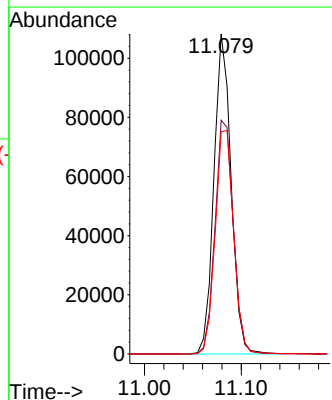
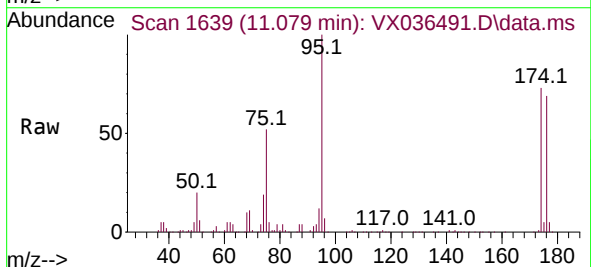
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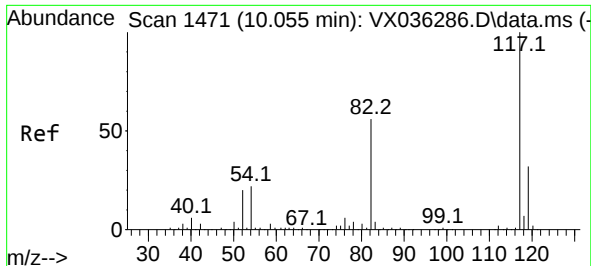
Tgt Ion: 43 Resp: 219401
Ion Ratio Lower Upper
43 100
58 27.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.688 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion: 95 Resp: 133135
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.0 0.0 131.0

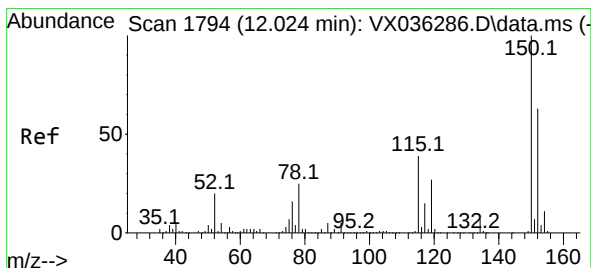
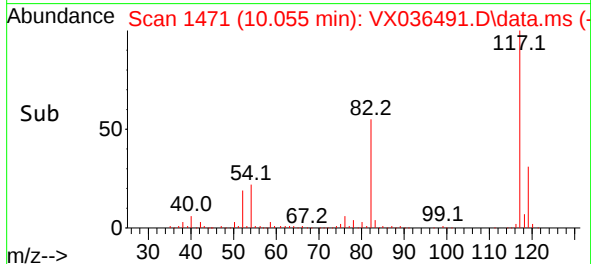
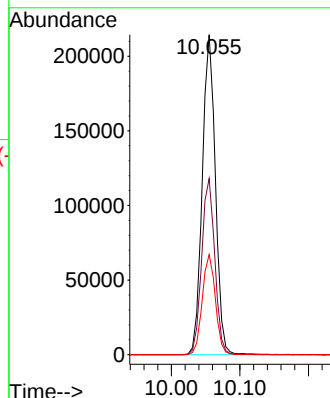
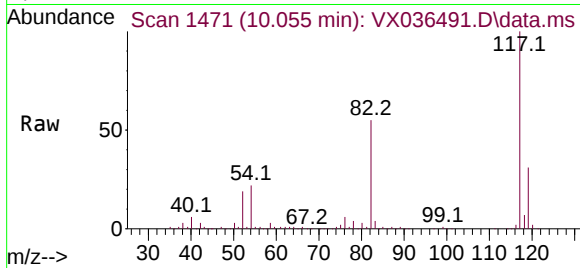




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036491.D
Acq: 10 Jul 2023 18:30

Instrument :
MSVOA_X
ClientSampleId :
ETGI-369

Tgt Ion:117 Resp: 286272
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.3 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: VX036491.D
Acq: 10 Jul 2023 18:30

Tgt Ion:152 Resp: 129345
Ion Ratio Lower Upper
152 100
115 58.9 43.3 129.9
150 158.1 0.0 345.0

