

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071023\
 Data File : VX036489.D
 Acq On : 10 Jul 2023 17:42
 Operator : JC/MD
 Sample : 03555-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-330

Quant Time: Jul 11 01:31:59 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)

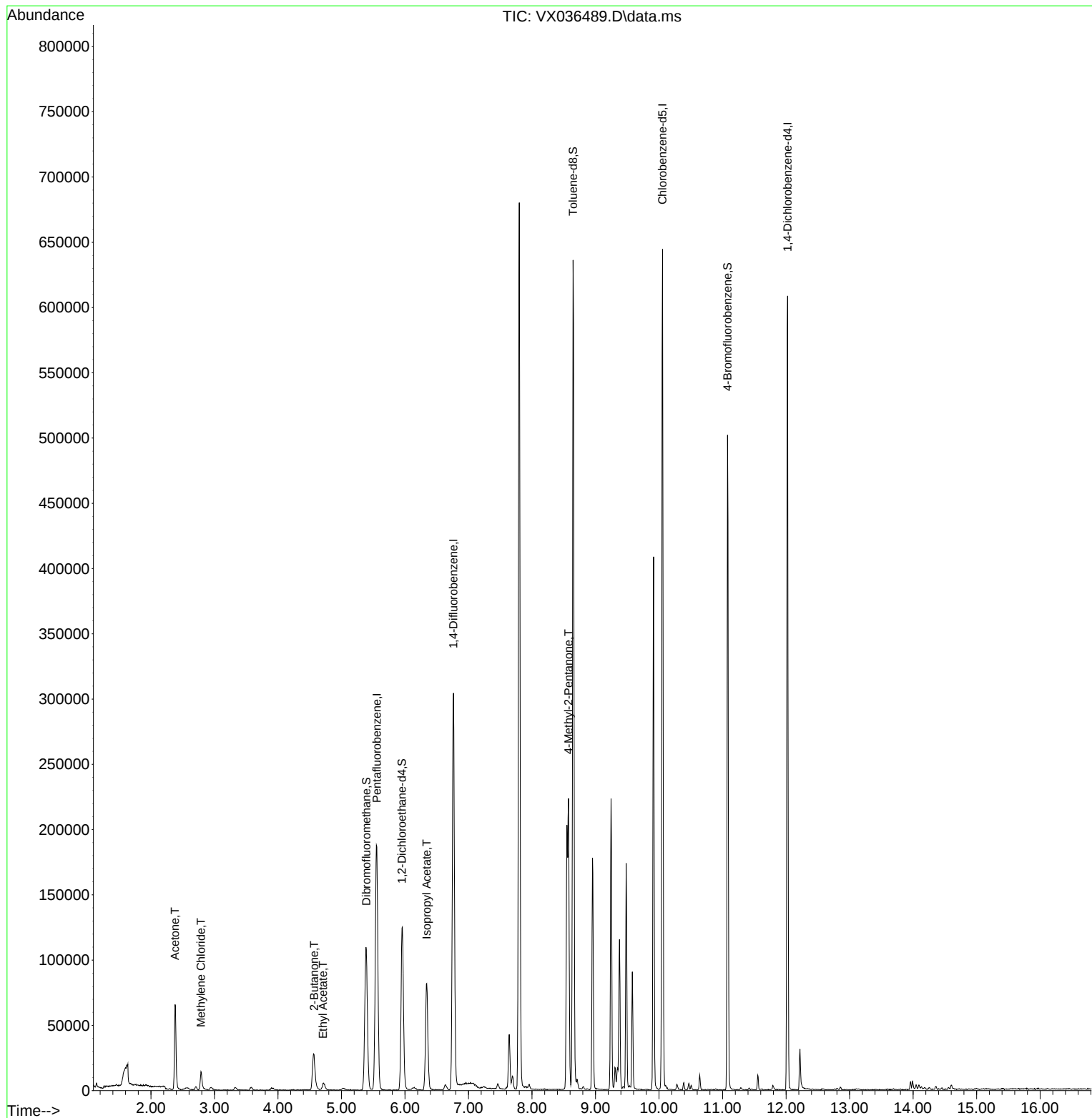
Internal Standards						
1) Pentafluorobenzene	5.556	168	177760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	303524	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124319	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	118225	46.398	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.800%
35) Dibromofluoromethane	5.391	113	97322	48.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.260%
50) Toluene-d8	8.647	98	373063	49.908	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.820%
62) 4-Bromofluorobenzene	11.079	95	131230	49.841	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.680%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	72644	66.700	ug/l	94
20) Methylene Chloride	2.788	84	6957	2.967	ug/l	97
25) 2-Butanone	4.568	43	50095	32.013	ug/l	97
37) Ethyl Acetate	4.708	43	10513	3.458	ug/l #	95
43) Isopropyl Acetate	6.342	43	113423	23.384	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	184870	59.157	ug/l #	85

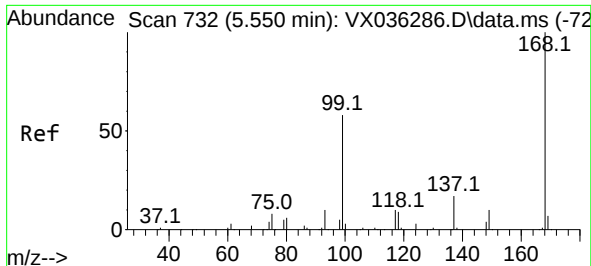
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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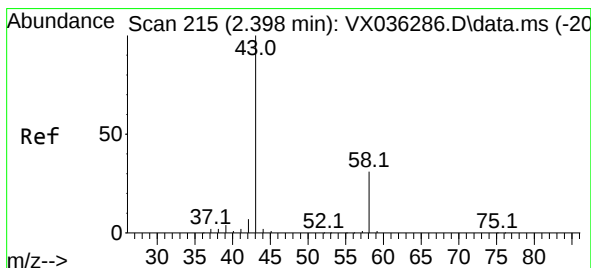
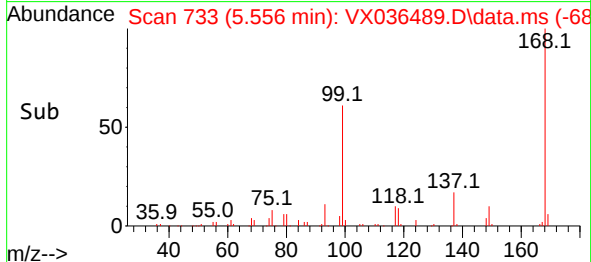
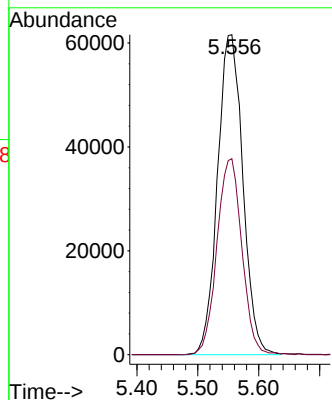
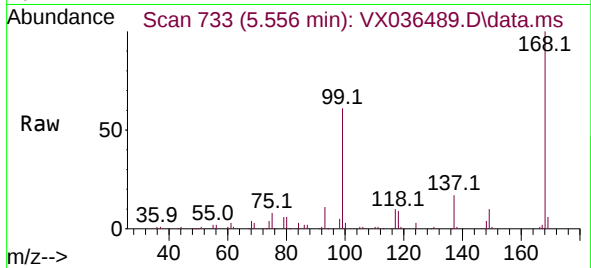




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

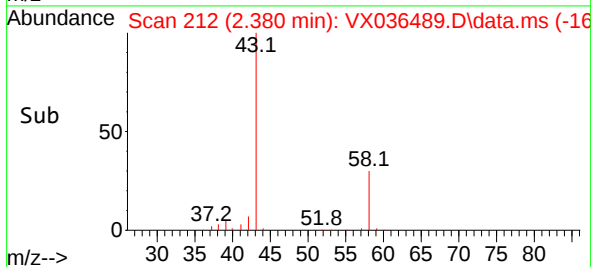
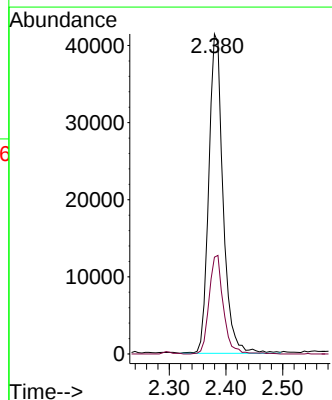
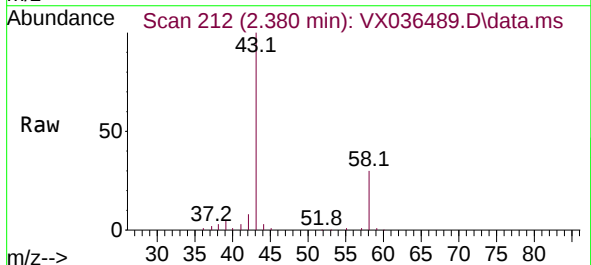
Instrument :
MSVOA_X
ClientSampleId :
ETGI-330

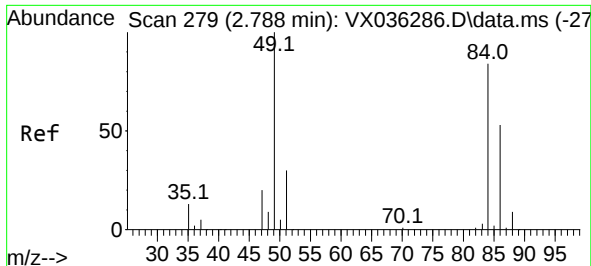
Tgt Ion:168 Resp: 177760
Ion Ratio Lower Upper
168 100
99 61.3 56.6 85.0



#16
Acetone
Concen: 66.700 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.024 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

Tgt Ion: 43 Resp: 72644
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9

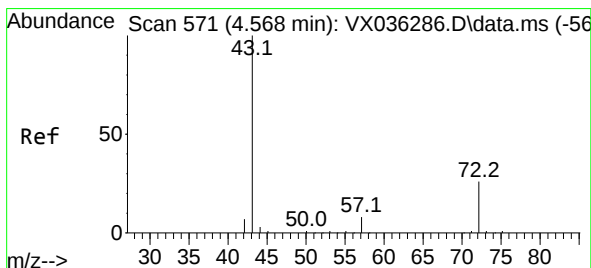
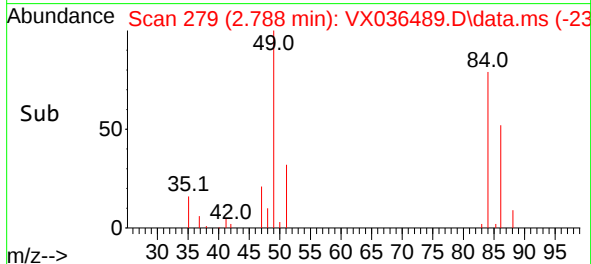
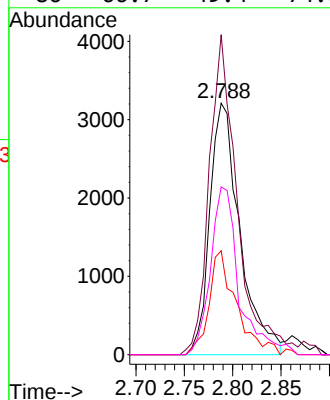
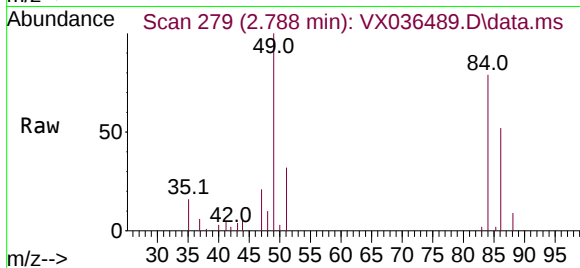




#20
Methylene Chloride
Concen: 2.967 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

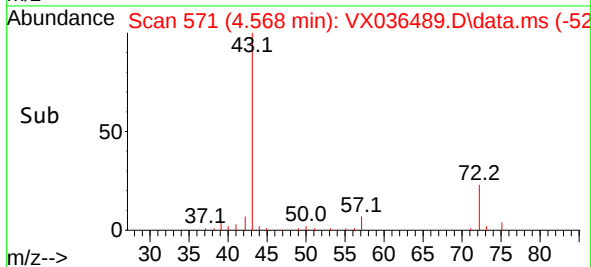
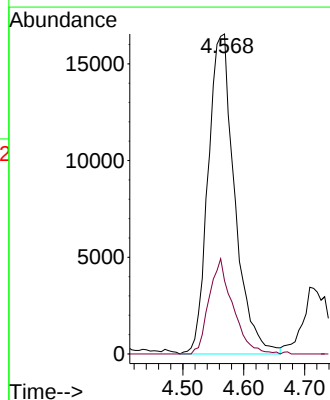
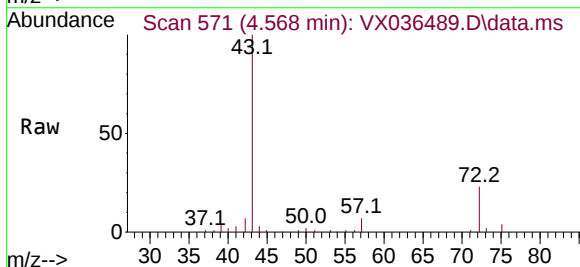
Instrument :
MSVOA_X
ClientSampleId :
ETGI-330

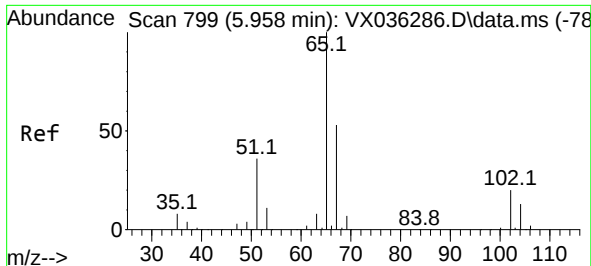
Tgt Ion: 84	Resp: 6957
Ion Ratio	Lower Upper
84 100	
49 127.2	103.6 155.4
51 41.3	33.8 50.6
86 66.7	49.4 74.0



#25
2-Butanone
Concen: 32.013 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

Tgt Ion: 43	Resp: 50095
Ion Ratio	Lower Upper
43 100	
72 22.9	19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 46.398 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036489.D

Acq: 10 Jul 2023 17:42

Instrument :

MSVOA_X

ClientSampleId :

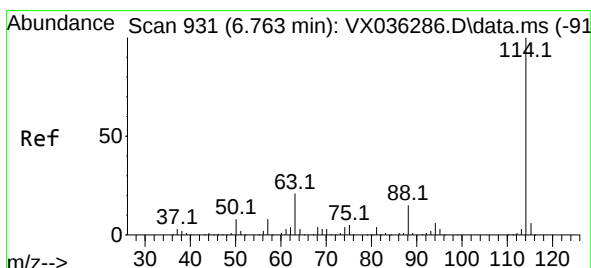
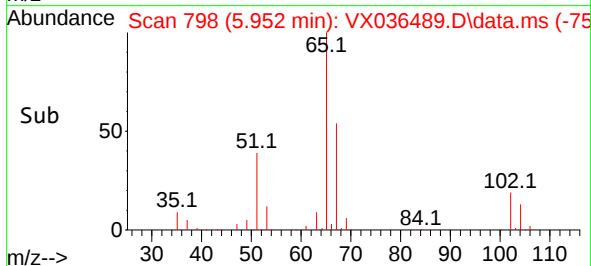
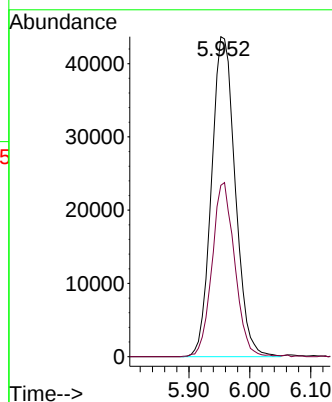
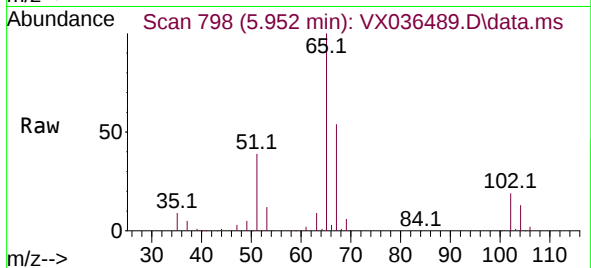
ETGI-330

Tgt Ion: 65 Resp: 118225

Ion Ratio Lower Upper

65 100

67 52.0 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: VX036489.D

Acq: 10 Jul 2023 17:42

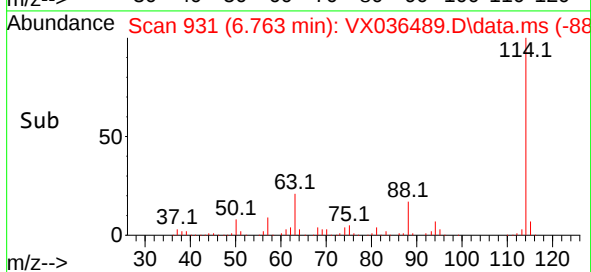
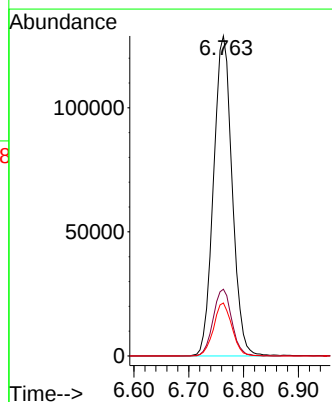
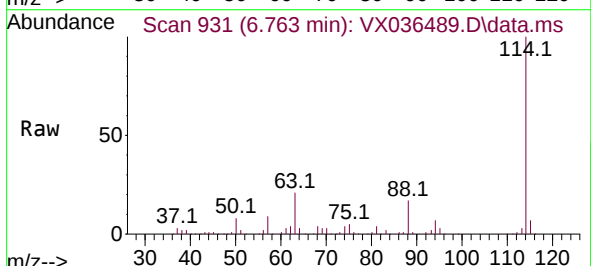
Tgt Ion: 114 Resp: 303524

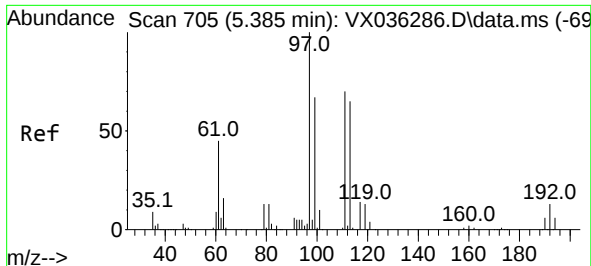
Ion Ratio Lower Upper

114 100

63 20.9 0.0 45.0

88 16.5 0.0 36.6

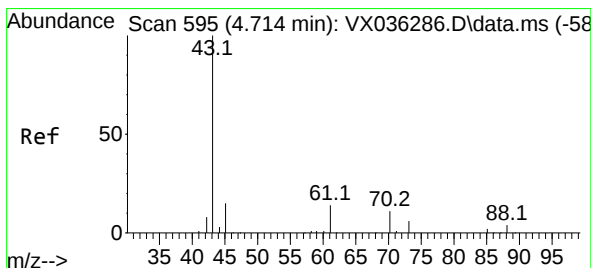
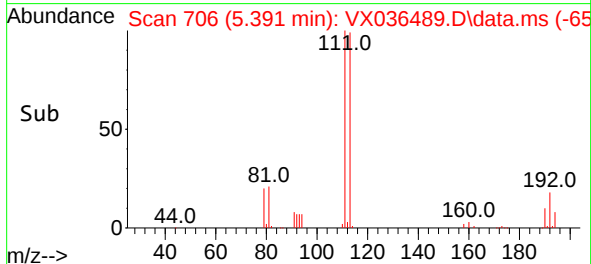
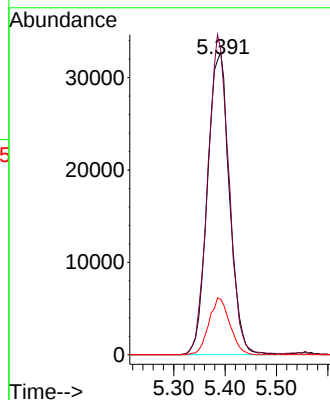
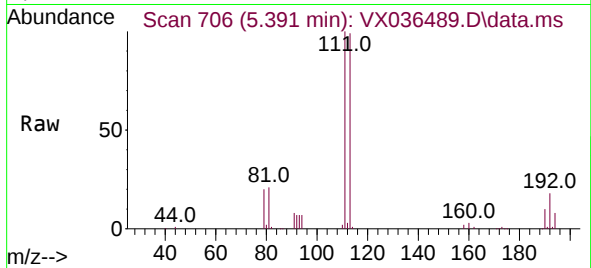




#35
Dibromofluoromethane
Concen: 48.628 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

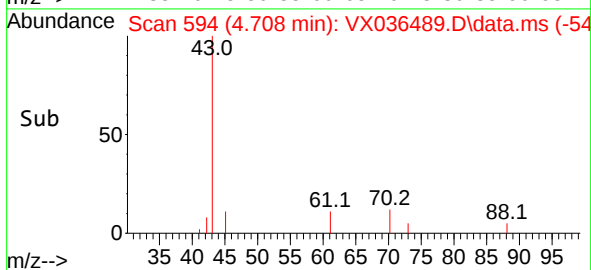
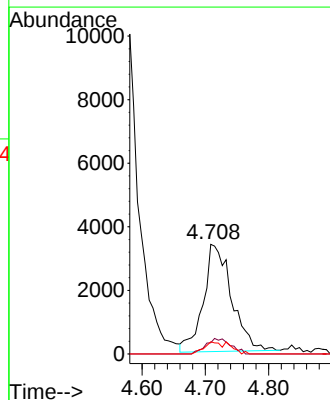
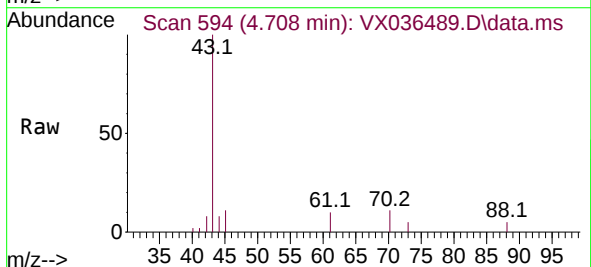
Instrument :
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ClientSampleId :
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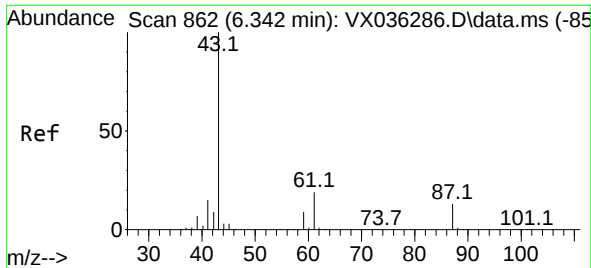
Tgt Ion:113 Resp: 97322
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 17.8 13.3 19.9



#37
Ethyl Acetate
Concen: 3.458 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

Tgt Ion: 43 Resp: 10513
Ion Ratio Lower Upper
43 100
61 12.6 10.6 16.0
70 6.6 8.3 12.5

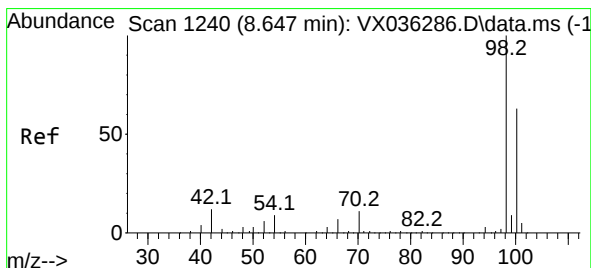
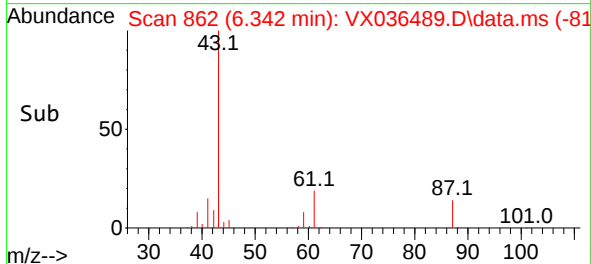
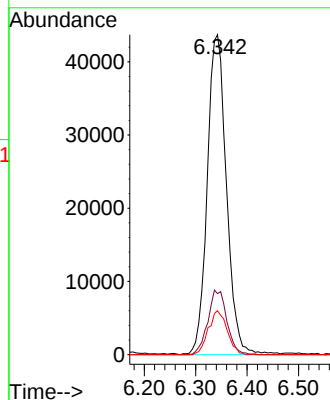
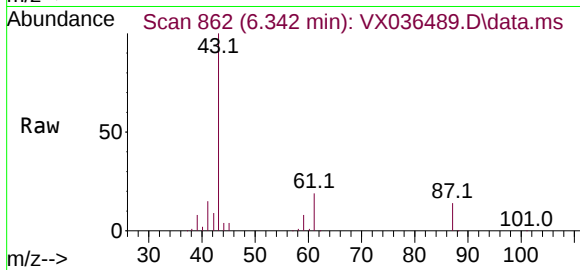




#43
Isopropyl Acetate
Concen: 23.384 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

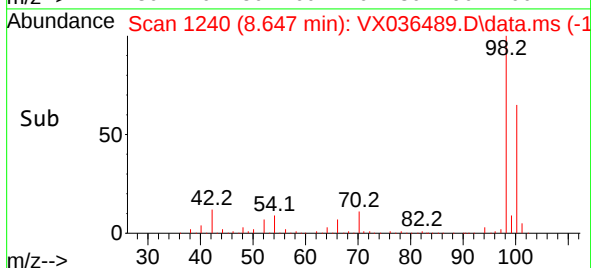
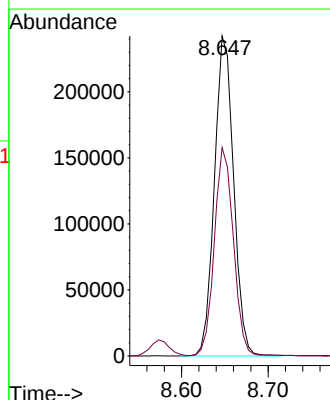
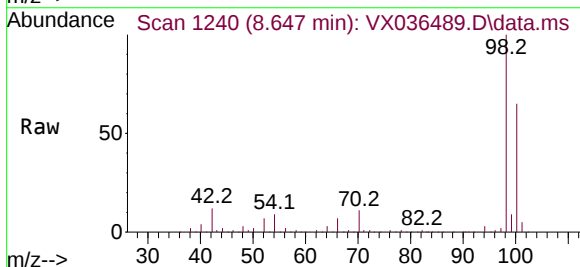
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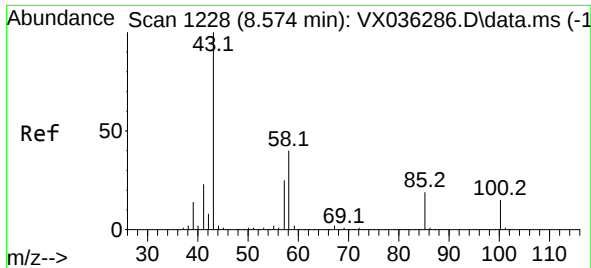
Tgt Ion: 43 Resp: 113423
Ion Ratio Lower Upper
43 100
61 20.0 15.2 22.8
87 13.4 9.8 14.6



#50
Toluene-d8
Concen: 49.908 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

Tgt Ion: 98 Resp: 373063
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

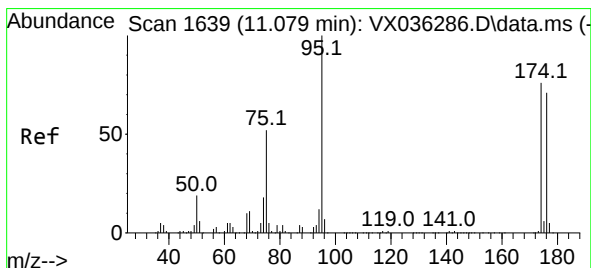
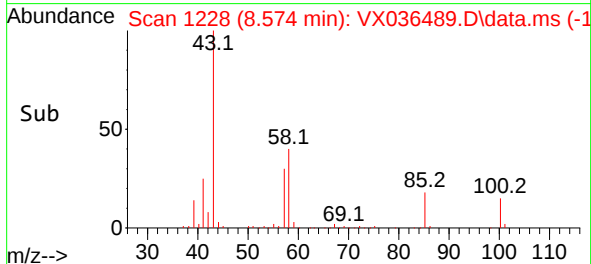
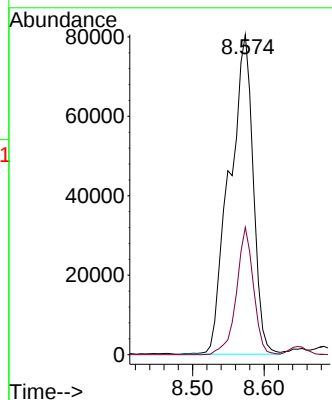
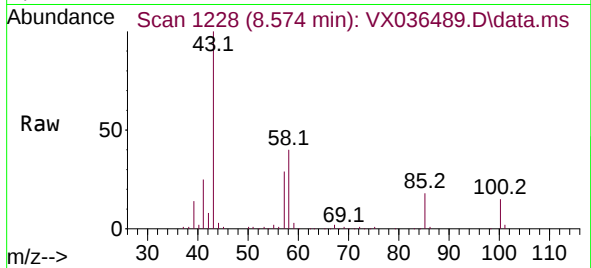




#51
4-Methyl-2-Pentanone
Concen: 59.157 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

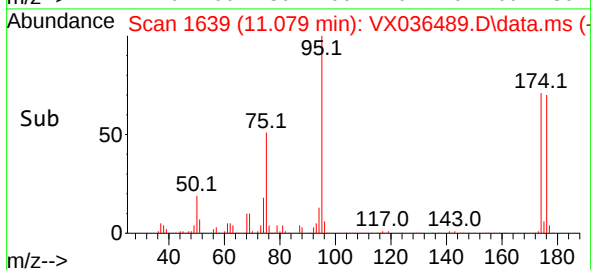
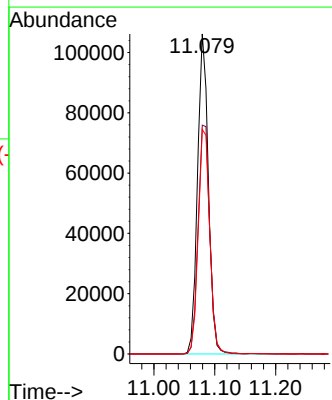
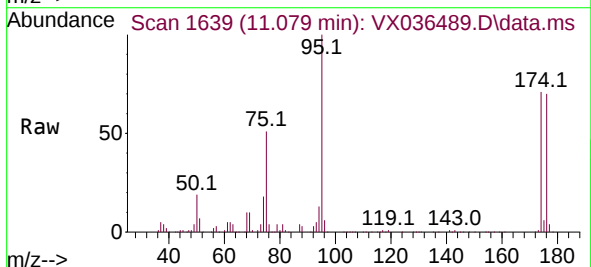
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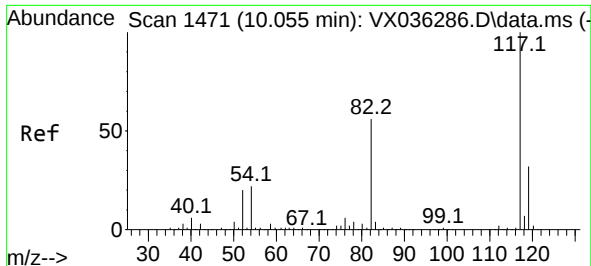
Tgt Ion: 43 Resp: 184870
Ion Ratio Lower Upper
43 100
58 28.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 49.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

Tgt Ion: 95 Resp: 131230
Ion Ratio Lower Upper
95 100
174 76.7 0.0 135.6
176 74.3 0.0 131.0

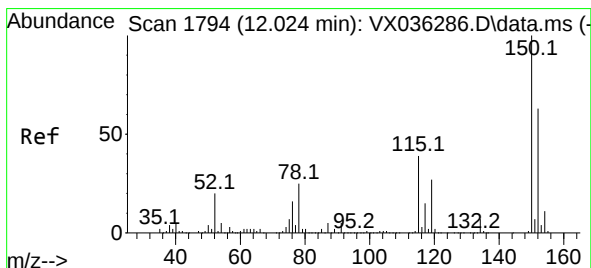
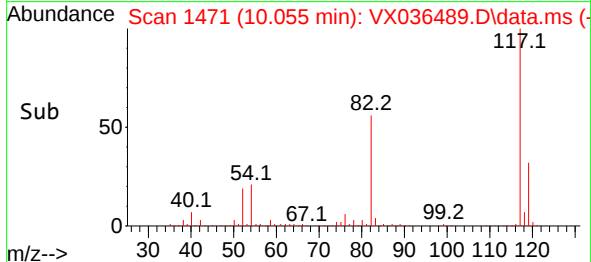
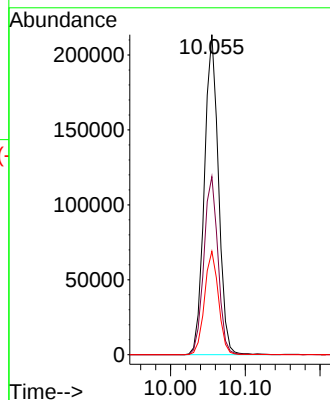
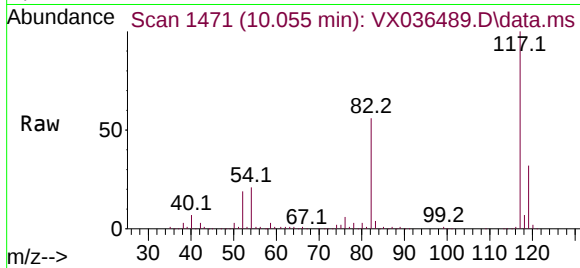




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036489.D
Acq: 10 Jul 2023 17:42

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 279714
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.3 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: VX036489.D
Acq: 10 Jul 2023 17:42

Tgt Ion:152 Resp: 124319
Ion Ratio Lower Upper
152 100
115 60.5 43.3 129.9
150 157.9 0.0 345.0

