

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047167.D
 Acq On : 28 Jul 2025 15:50
 Operator : JC/MD
 Sample : Q2706-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-361

Quant Time: Jul 29 02:19:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2025
 Supervised By : Mahesh Dadoda 07/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	325585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	565341	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	254273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	189459	46.714	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.420%		
35) Dibromofluoromethane	5.397	113	161150	46.167	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.653	98	492975	43.610	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.220%#		
62) 4-Bromofluorobenzene	11.079	95	228040	46.811	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.620%		
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	43249	26.619	ug/l	92
18) Methyl Acetate	2.721	43	35764	8.283	ug/l	92
20) Methylene Chloride	2.800	84	11688	2.615	ug/l	94
37) Ethyl Acetate	4.745	43	17371m	3.168	ug/l	
43) Isopropyl Acetate	6.355	43	13392	1.567	ug/l	95

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

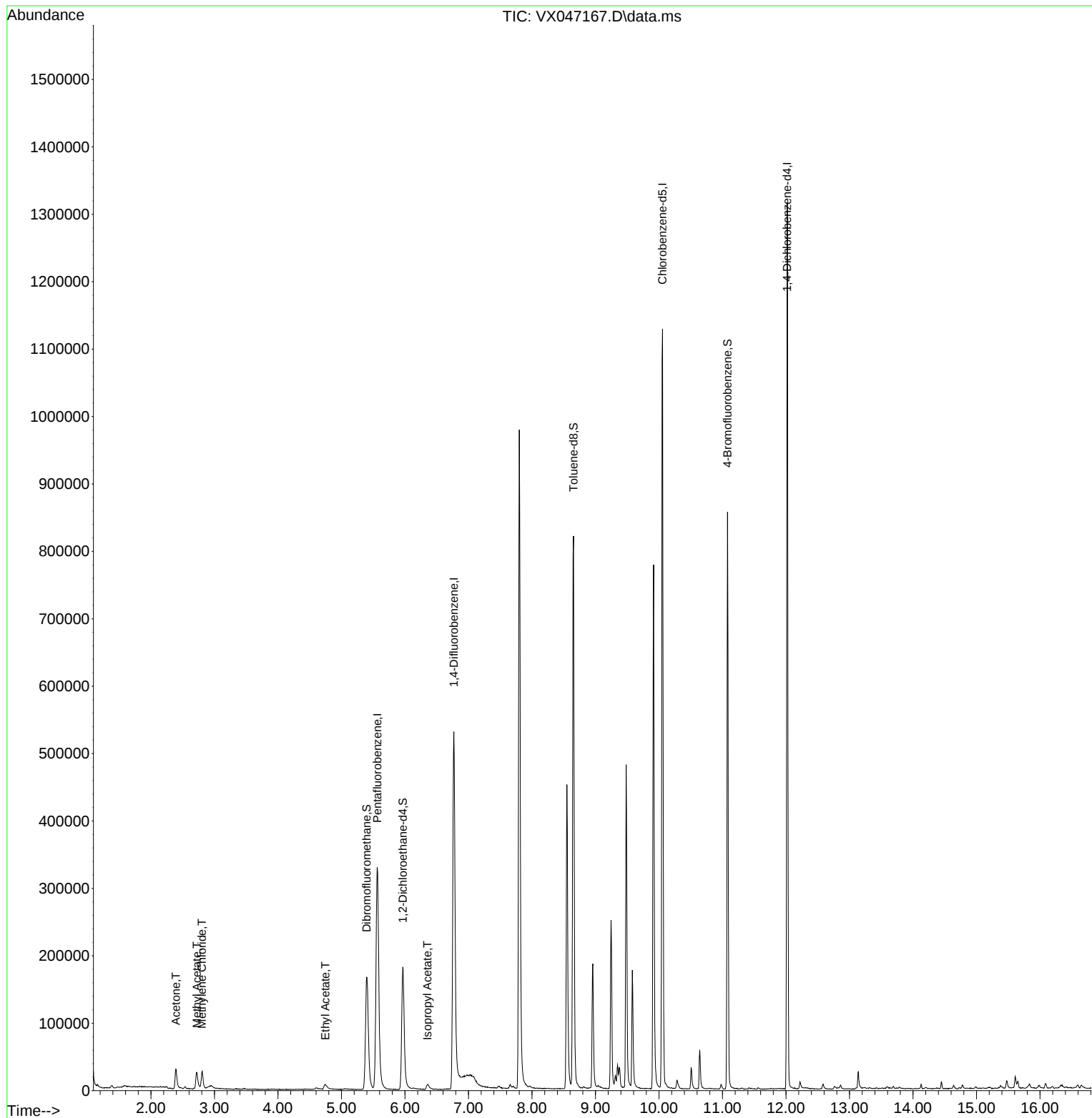
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
Data File : VX047167.D
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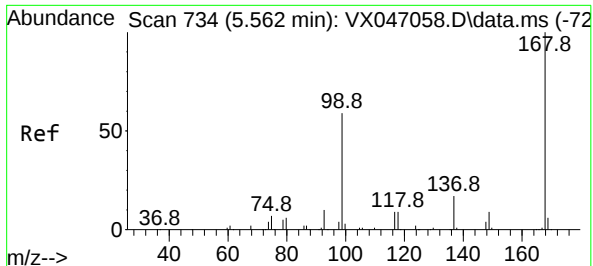
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

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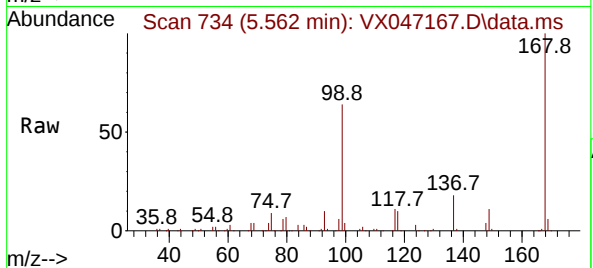
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

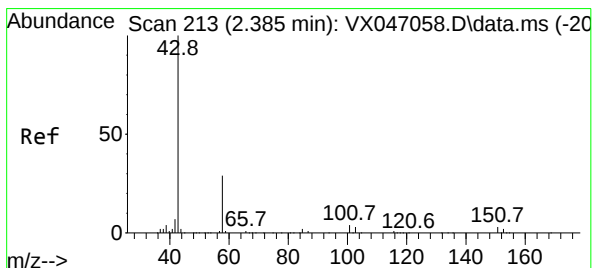
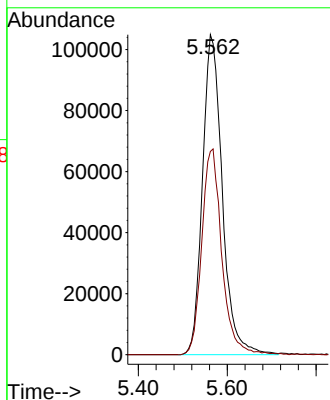
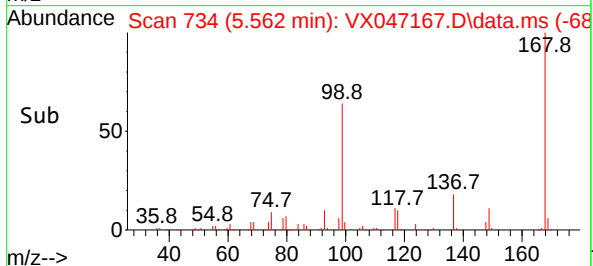
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361



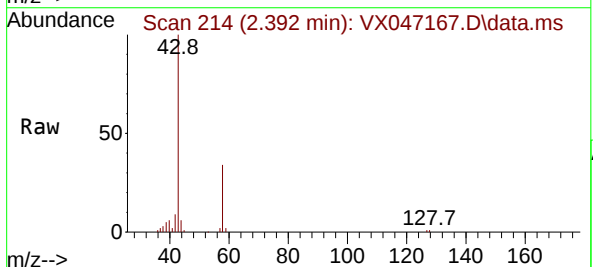
Tgt Ion:168 Resp: 32558
Ion Ratio Lower Upper
168 100
99 63.5 48.0 72.0

Manual Integrations
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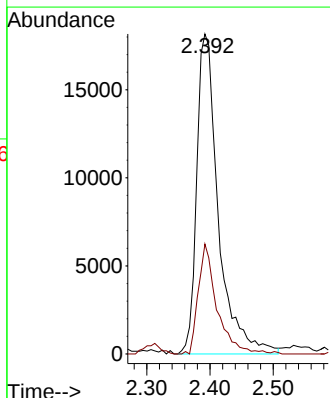
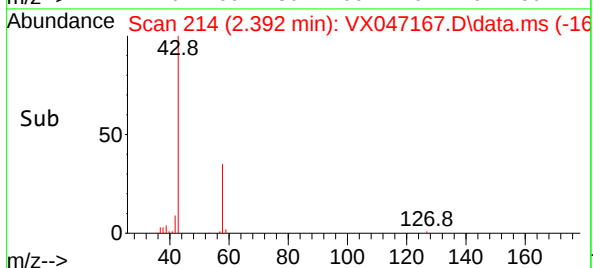
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

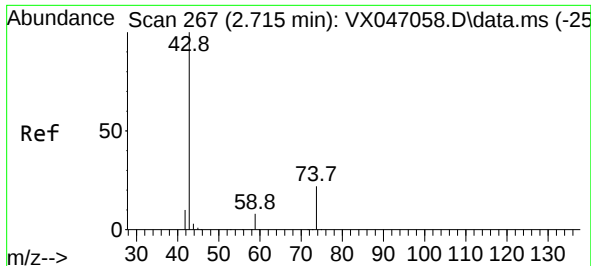


#16
Acetone
Concen: 26.619 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.007 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50



Tgt Ion: 43 Resp: 43249
Ion Ratio Lower Upper
43 100
58 34.3 24.0 36.0





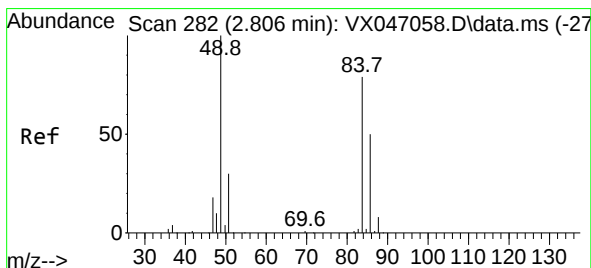
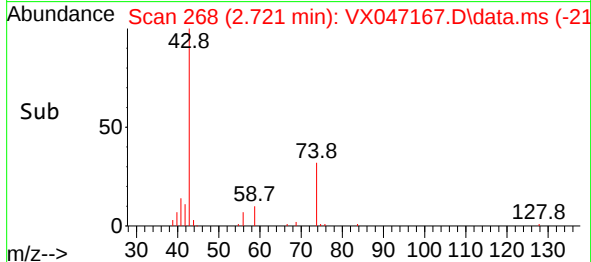
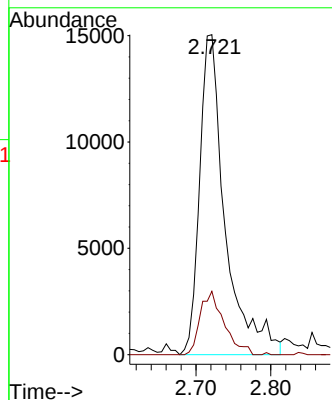
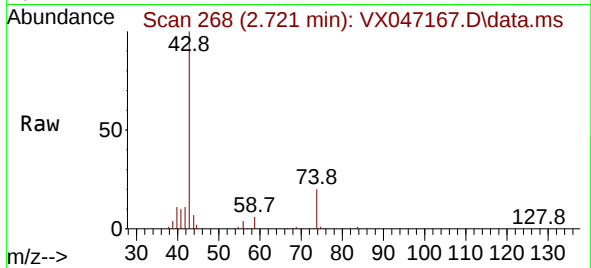
#18
Methyl Acetate
Concen: 8.283 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Instrument :
MSVOA_X
ClientSampleId :
ETGI-361

Tgt Ion: 43 Resp: 35764
Ion Ratio Lower Upper
43 100
74 18.4 17.7 26.5

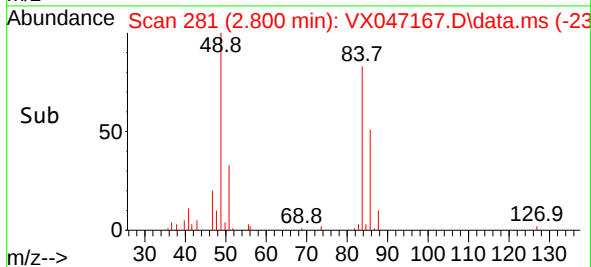
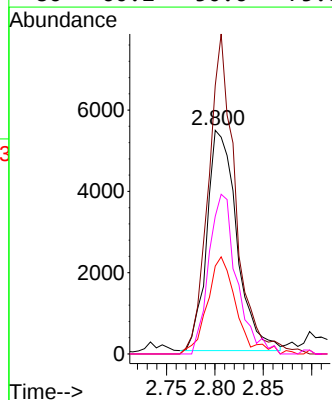
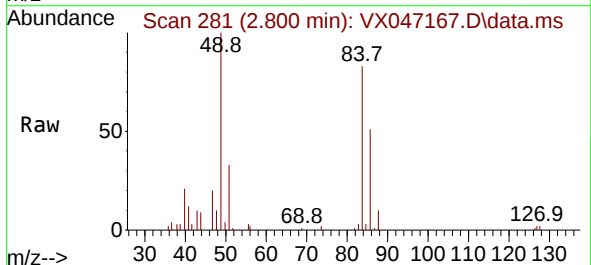
Manual Integrations
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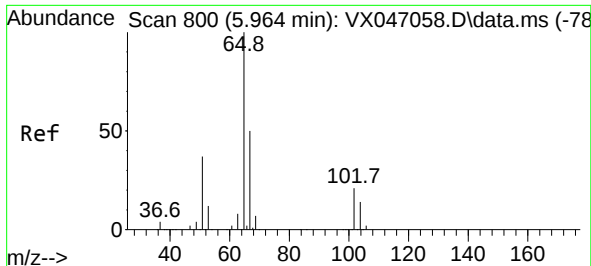
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#20
Methylene Chloride
Concen: 2.615 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

Tgt Ion: 84 Resp: 11688
Ion Ratio Lower Upper
84 100
49 117.3 101.6 152.4
51 38.4 30.3 45.5
86 60.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 46.714 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

ETGI-361

Tgt Ion: 65 Resp: 18945

Ion Ratio Lower Upper

65 100

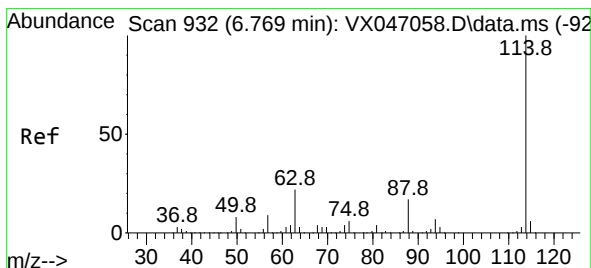
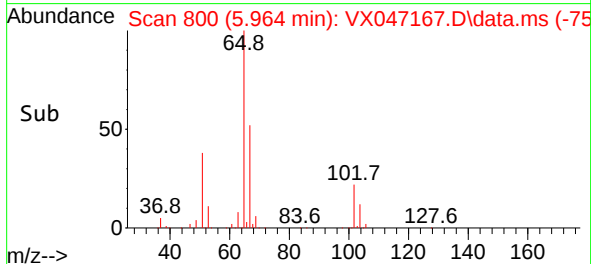
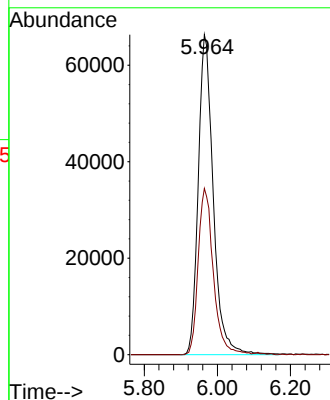
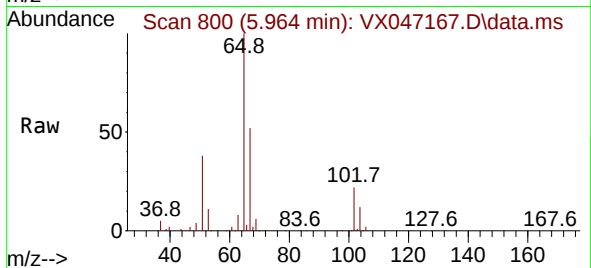
67 52.5 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

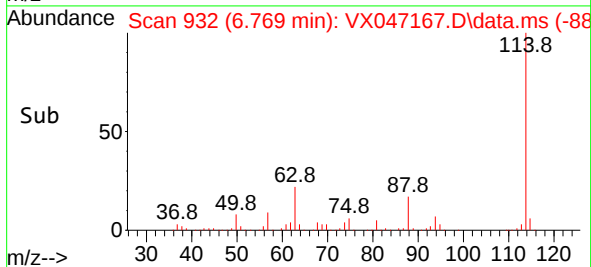
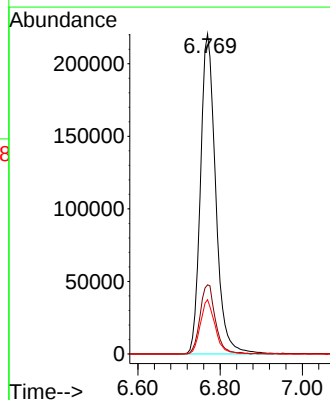
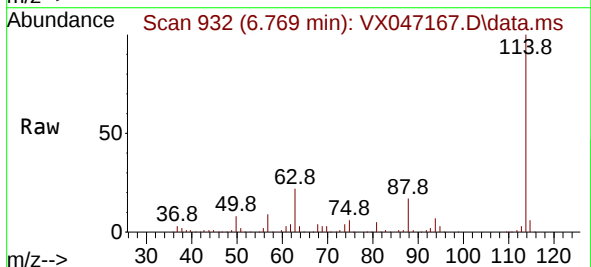
Tgt Ion:114 Resp: 565341

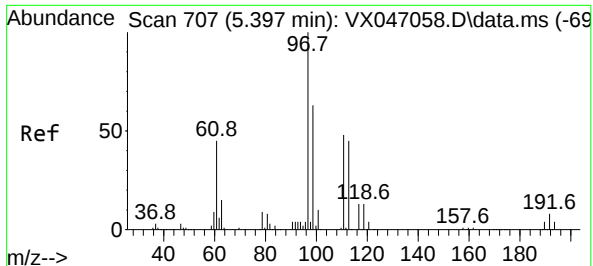
Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 46.167 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX047167.D

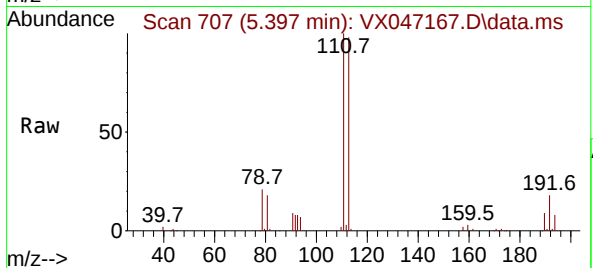
Acq: 28 Jul 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

ETGI-361



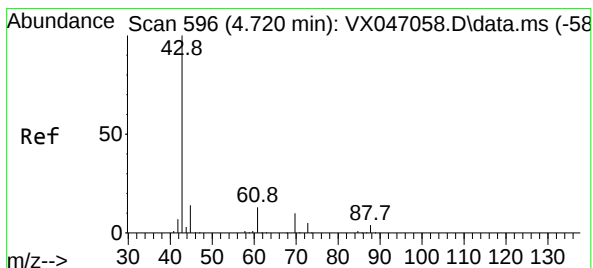
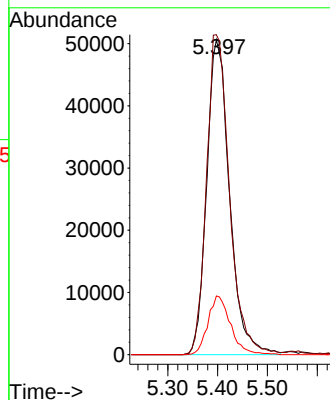
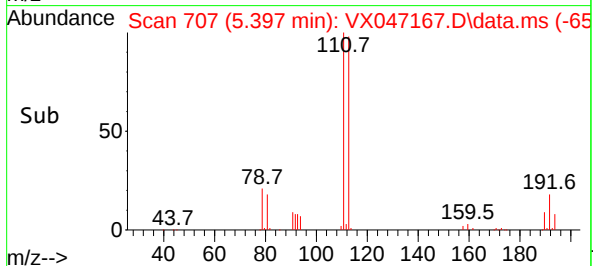
Tgt Ion:	113	Resp:	161150
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	18.5	14.9	22.3

Manual Integrations

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#37

Ethyl Acetate

Concen: 3.168 ug/l m

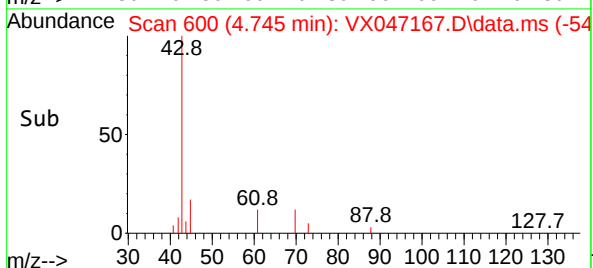
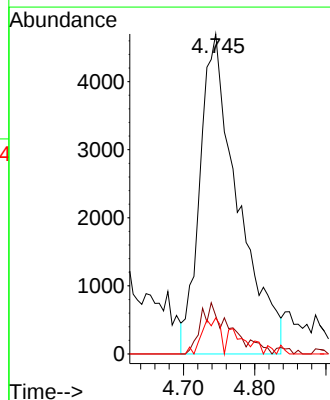
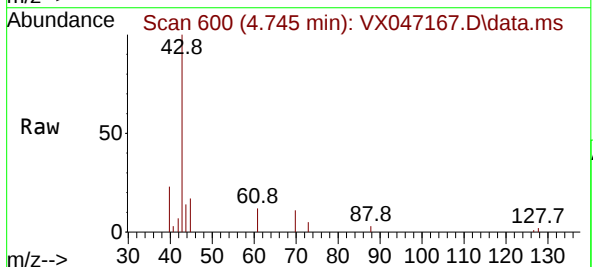
RT: 4.745 min Scan# 600

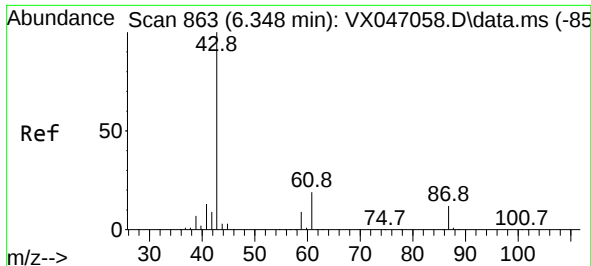
Delta R.T. 0.025 min

Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

Tgt Ion:	43	Resp:	17371
Ion	Ratio	Lower	Upper
43	100		
61	11.2	10.2	15.2
70	5.2	8.1	12.1





#43

Isopropyl Acetate

Concen: 1.567 ug/l

RT: 6.355 min Scan# 80

Delta R.T. 0.007 min

Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

Instrument :

MSVOA_X

ClientSampleId :

ETGI-361

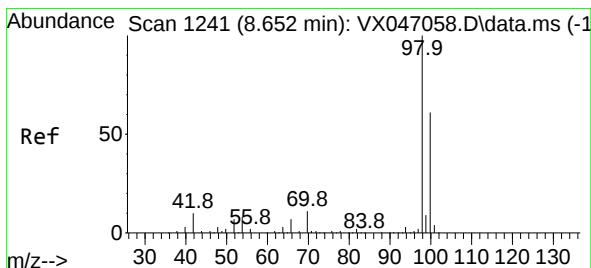
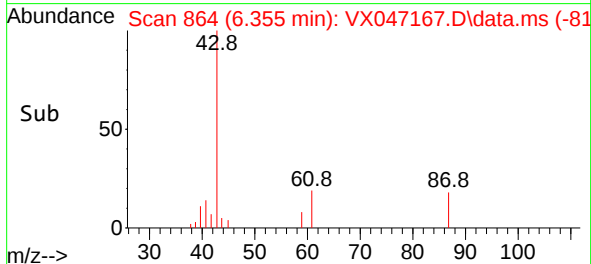
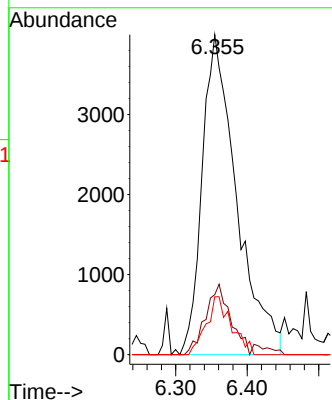
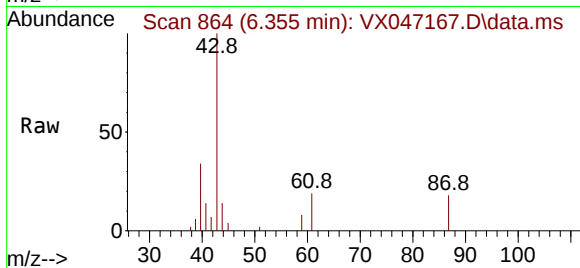
Tgt Ion: 43	Resp: 13392
Ion Ratio	Lower Upper
43 100	
61 16.0	15.1 22.7
87 13.3	9.7 14.5

Manual Integrations

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#50

Toluene-d8

Concen: 43.610 ug/l

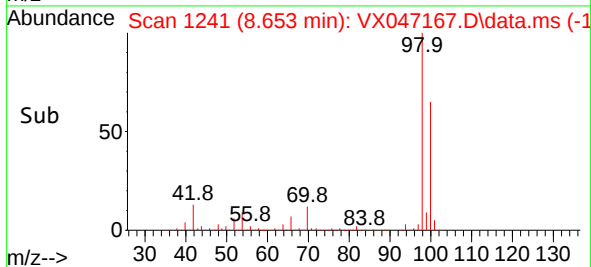
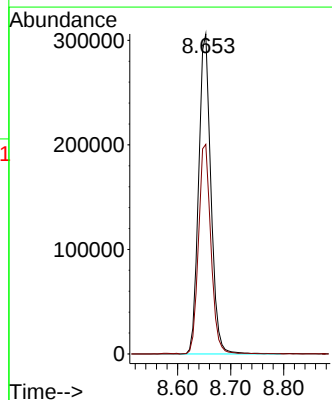
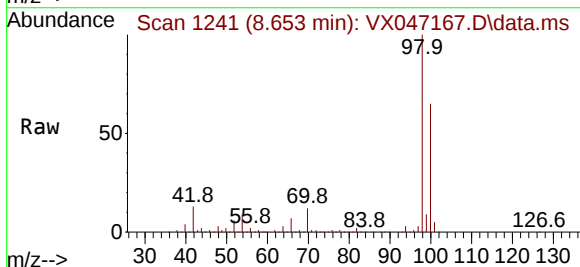
RT: 8.653 min Scan# 1241

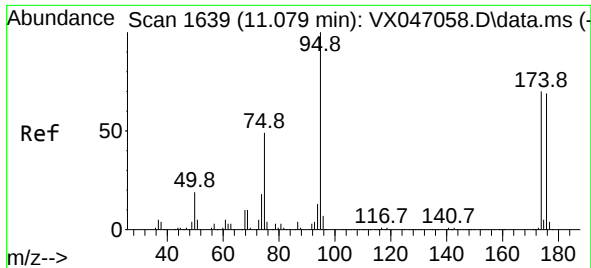
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Lab File: VX047167.D

Acq: 28 Jul 2025 15:50

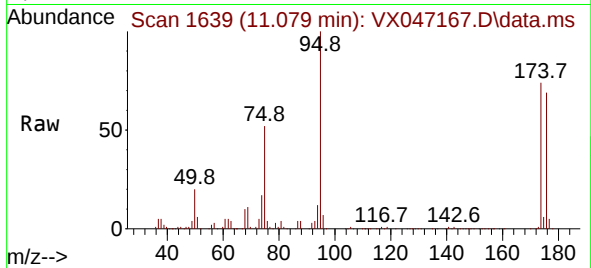
Tgt Ion: 98	Resp: 492975
Ion Ratio	Lower Upper
98 100	
100 66.3	53.3 79.9





#62
4-Bromofluorobenzene
Concen: 46.811 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50

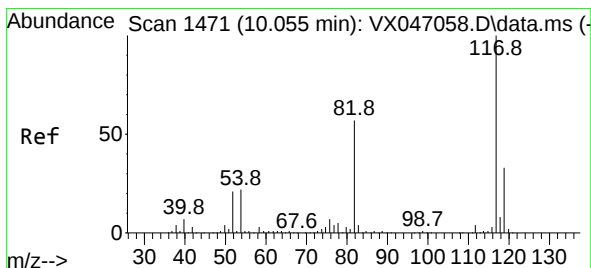
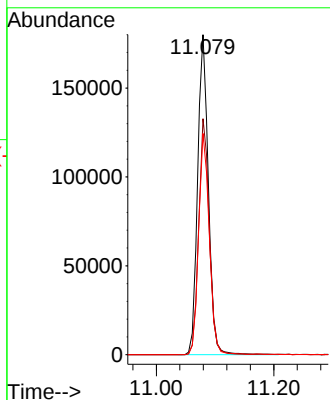
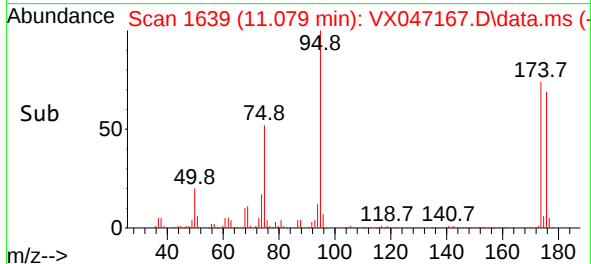
Instrument :
MSVOA_X
ClientSampleId :
ETGI-361



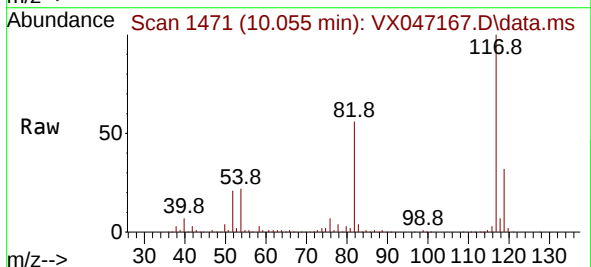
Tgt Ion: 95 Resp: 228040
Ion Ratio Lower Upper
95 100
174 73.0 0.0 144.6
176 69.0 0.0 139.6

Manual Integrations
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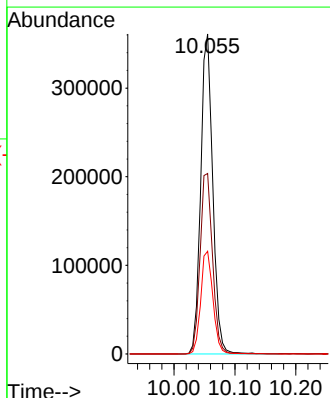
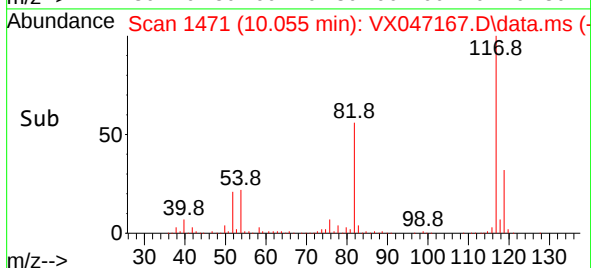
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

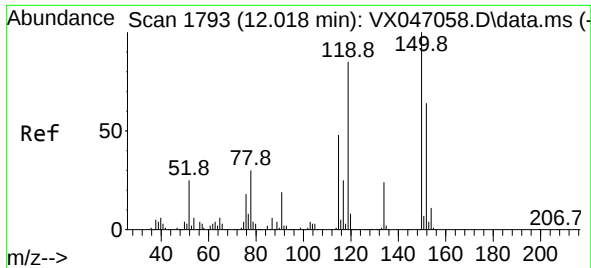


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047167.D
Acq: 28 Jul 2025 15:50



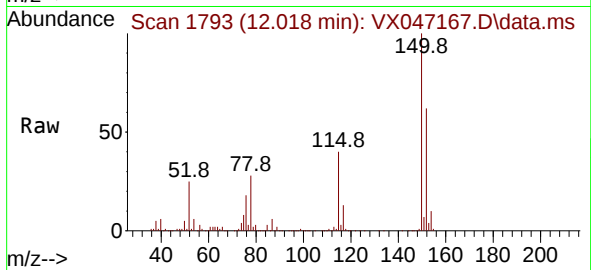
Tgt Ion:117 Resp: 496551
Ion Ratio Lower Upper
117 100
82 56.4 45.4 68.2
119 32.1 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047167.D
 Acq: 28 Jul 2025 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 ETGI-361



Tgt Ion:152 Resp: 25427
 Ion Ratio Lower Upper
 152 100
 115 63.7 45.6 136.7
 150 159.3 0.0 354.6

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 Supervised By :Mahesh Dadoda 07/29/2025

