

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047004.D
 Acq On : 15 Jul 2025 16:02
 Operator : JC/MD
 Sample : Q2586-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16

Quant Time: Jul 16 02:28:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	324175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	579936	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	513078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	261348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	240070	56.056	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 112.120%			
35) Dibromofluoromethane	5.397	113	191887	48.744	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.480%			
50) Toluene-d8	8.653	98	664003	47.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.620%			
62) 4-Bromofluorobenzene	11.079	95	264714	50.148	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.300%			
Target Compounds						
16) Acetone	2.392	43	44369	33.353	ug/l	99
18) Methyl Acetate	2.721	43	39311	11.212	ug/l	99
20) Methylene Chloride	2.812	84	27455	6.979	ug/l	91
37) Ethyl Acetate	4.745	43	18796m	4.155	ug/l	
43) Isopropyl Acetate	6.367	43	14064m	2.030	ug/l	

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

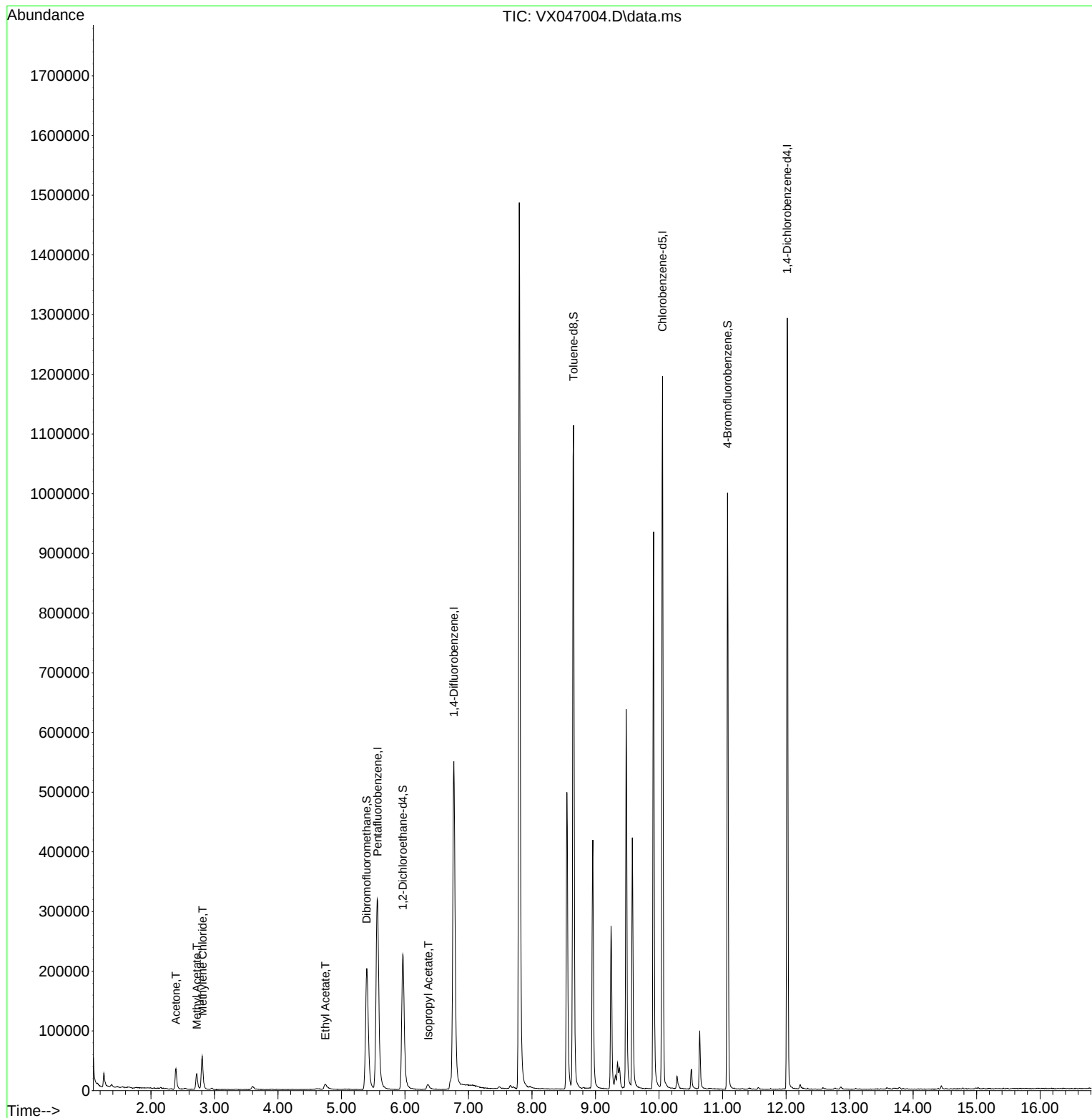
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
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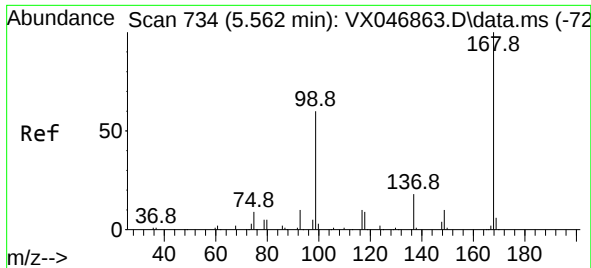
Instrument :
MSVOA_X
ClientSampleId :
TP-16

Quant Time: Jul 16 02:28:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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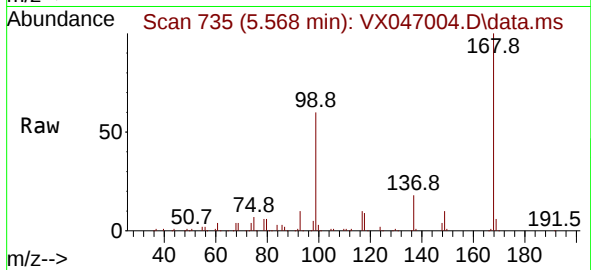
Reviewed By : John Carlone 07/16/2025
Supervised By : Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

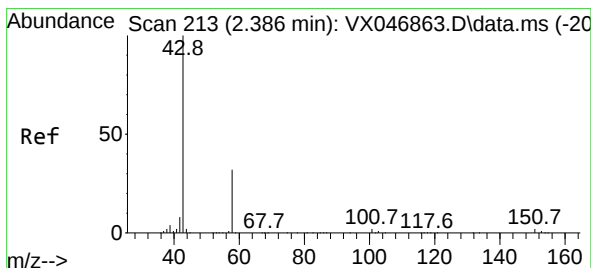
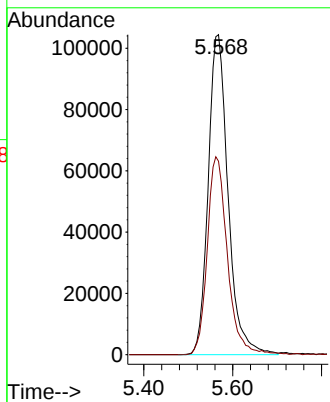
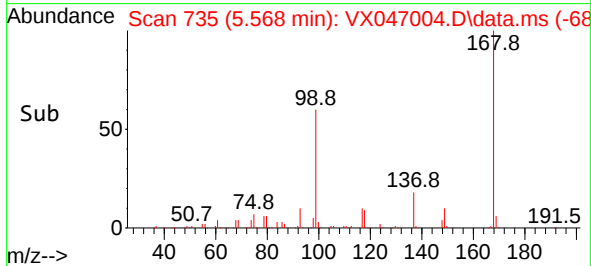
Instrument :
MSVOA_X
ClientSampleId :
TP-16



Tgt Ion:168 Resp: 32417
Ion Ratio Lower Upper
168 100
99 60.4 48.8 73.2

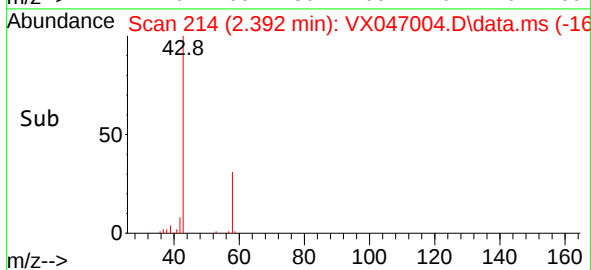
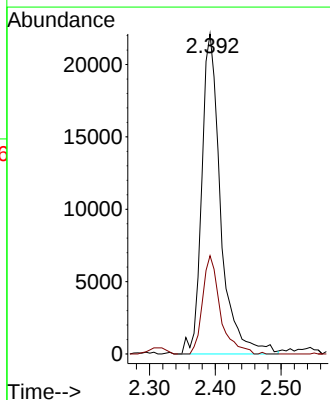
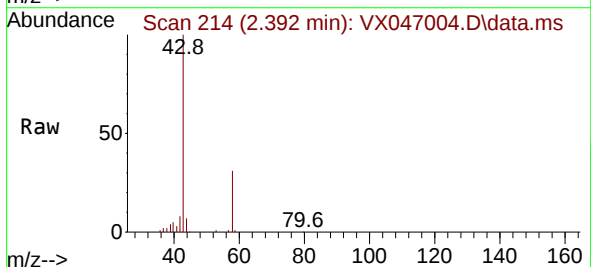
Manual Integrations
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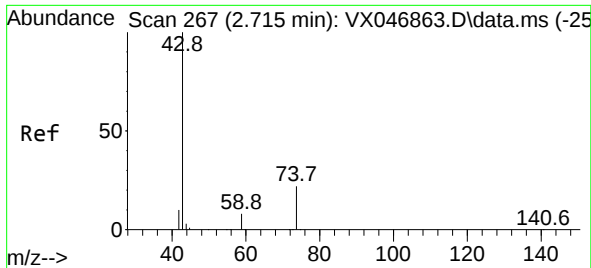
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#16
Acetone
Concen: 33.353 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

Tgt Ion: 43 Resp: 44369
Ion Ratio Lower Upper
43 100
58 31.5 25.8 38.6





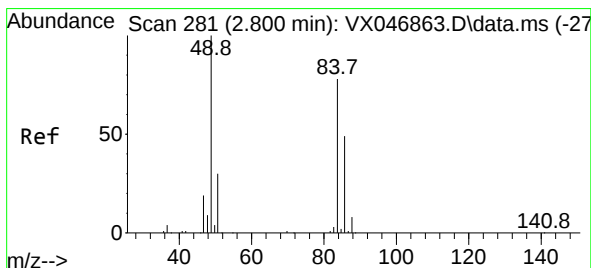
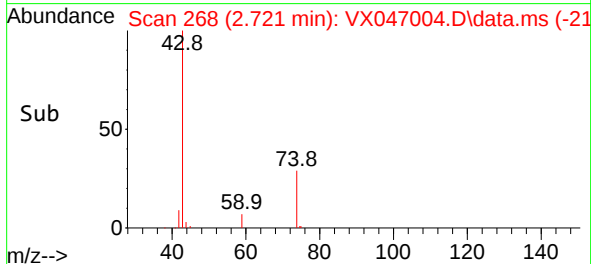
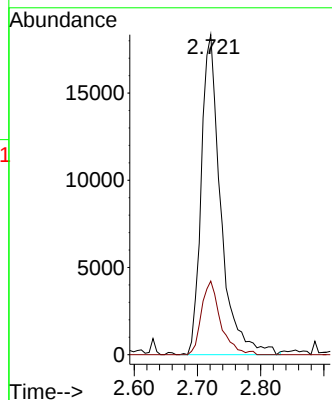
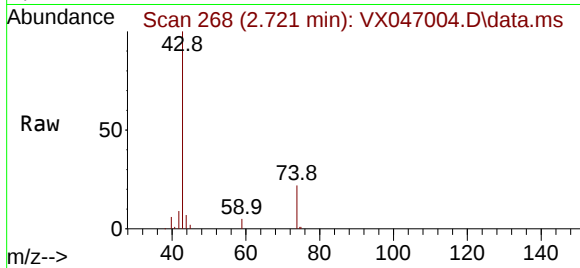
#18
Methyl Acetate
Concen: 11.212 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :
TP-16

Tgt Ion: 43 Resp: 3931
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5

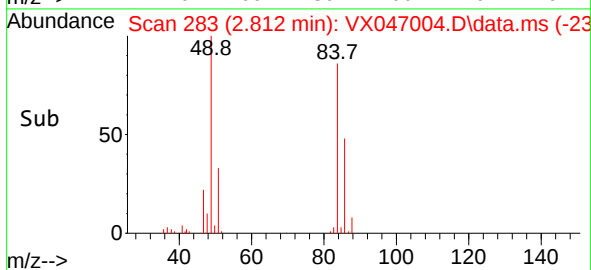
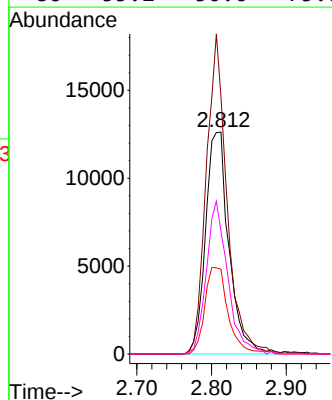
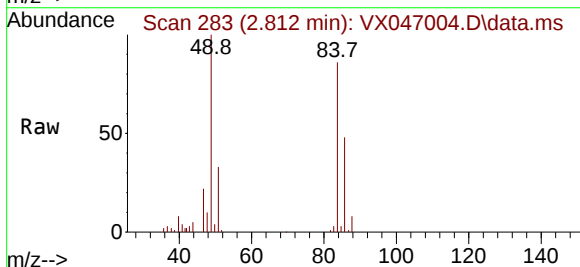
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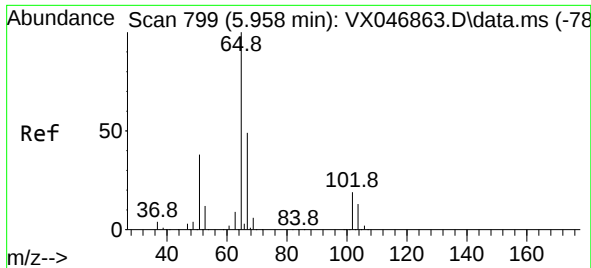
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#20
Methylene Chloride
Concen: 6.979 ug/l
RT: 2.812 min Scan# 283
Delta R.T. 0.012 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

Tgt Ion: 84 Resp: 27455
Ion Ratio Lower Upper
84 100
49 115.7 102.8 154.2
51 38.2 31.1 46.7
86 55.2 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 56.056 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047004.D

Acq: 15 Jul 2025 16:02

Instrument :

MSVOA_X

ClientSampleId :

TP-16

Tgt Ion: 65 Resp: 240070

Ion Ratio Lower Upper

65 100

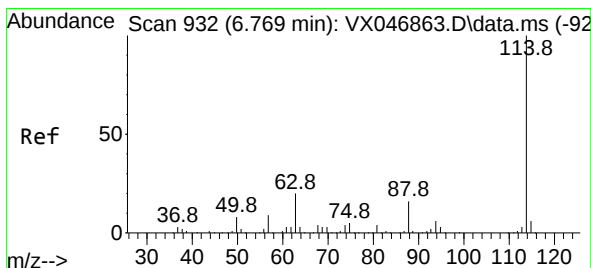
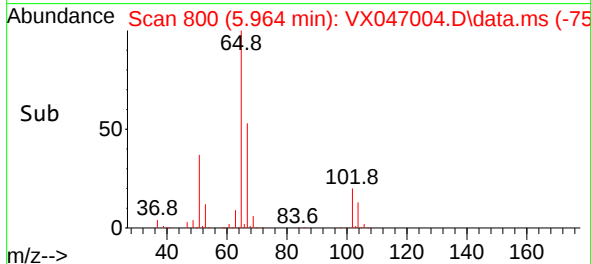
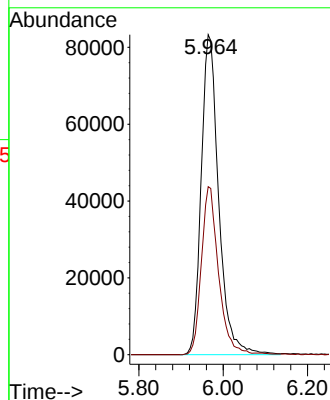
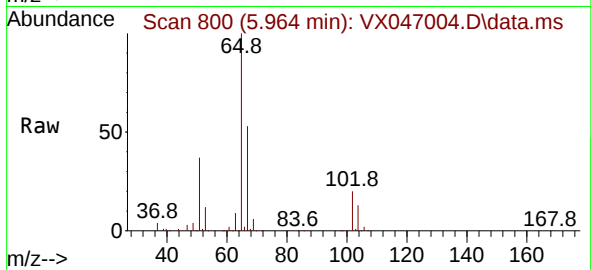
67 51.5 0.0 105.2

Manual Integrations

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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: VX047004.D

Acq: 15 Jul 2025 16:02

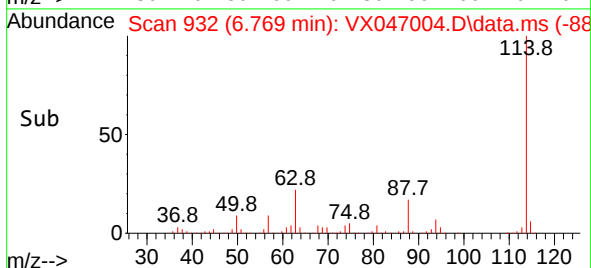
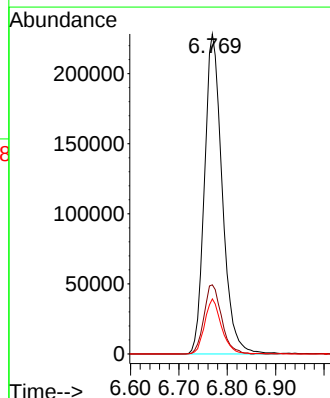
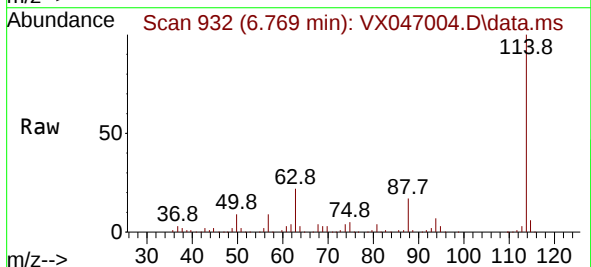
Tgt Ion:114 Resp: 579936

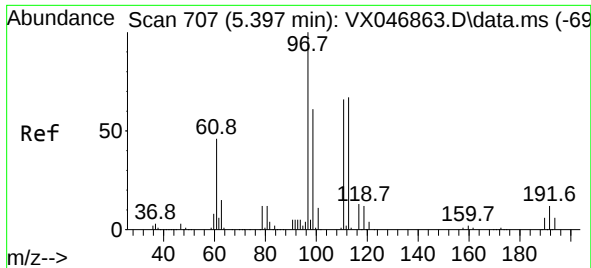
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.4

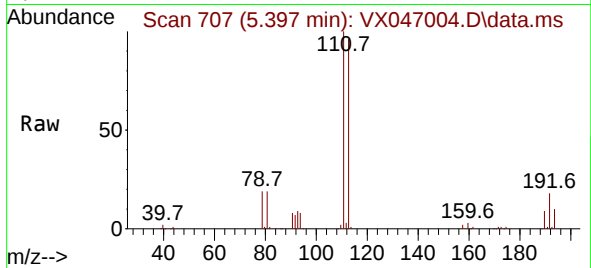
88 17.2 0.0 31.0





#35
Dibromofluoromethane
Concen: 48.744 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

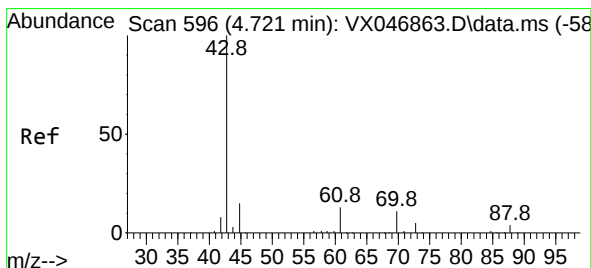
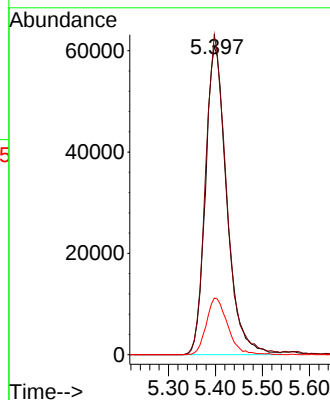
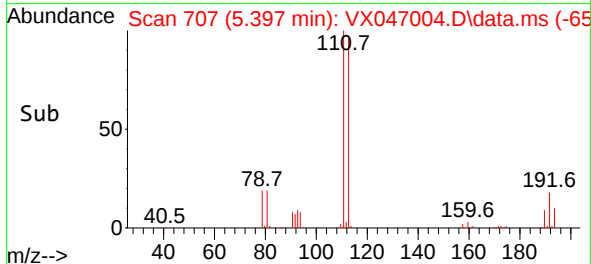
Instrument :
MSVOA_X
ClientSampleId :
TP-16



Tgt Ion: 113 Resp: 19188
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 18.4 15.3 22.9

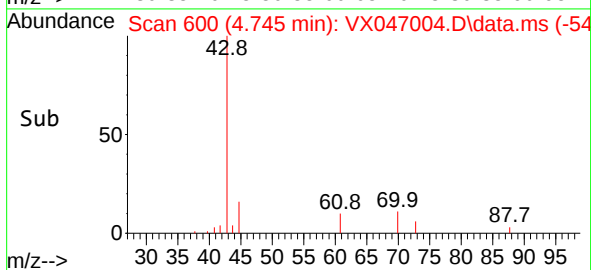
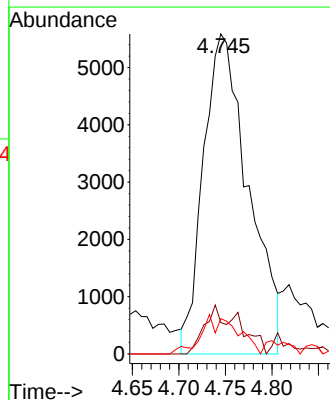
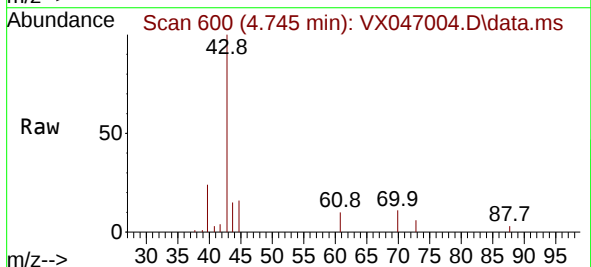
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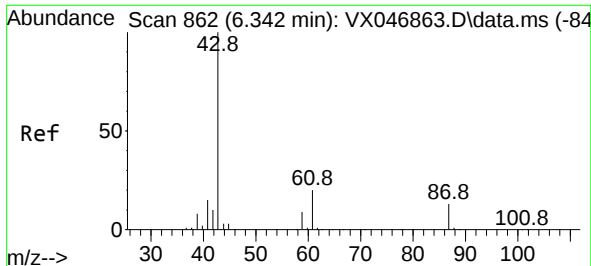
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#37
Ethyl Acetate
Concen: 4.155 ug/l m
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

Tgt Ion: 43 Resp: 18796
Ion Ratio Lower Upper
43 100
61 6.6 9.7 14.5#
70 4.1 8.3 12.5#





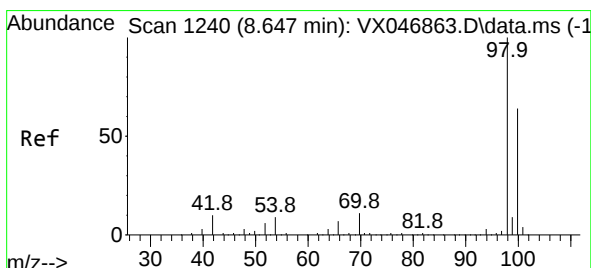
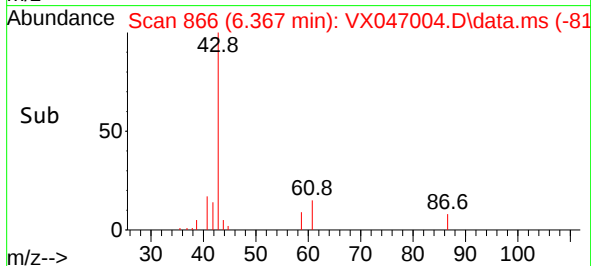
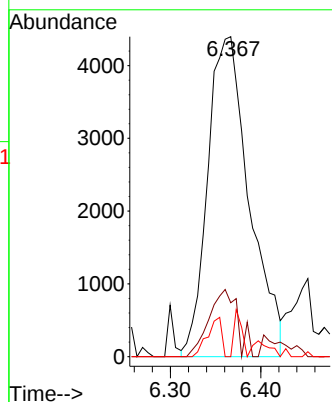
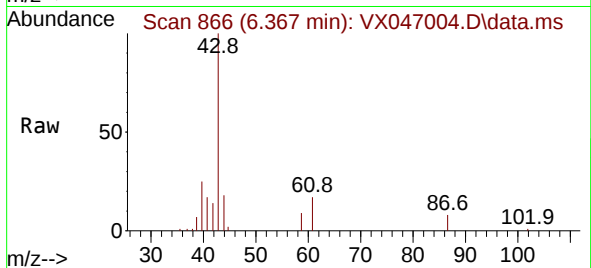
#43
Isopropyl Acetate
Concen: 2.030 ug/l m
RT: 6.367 min Scan# 866
Delta R.T. 0.024 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

Instrument :
MSVOA_X
ClientSampleId :
TP-16

Tgt Ion: 43 Resp: 14064
Ion Ratio Lower Upper
43 100
61 14.5 15.7 23.5
87 2.7 10.1 15.1

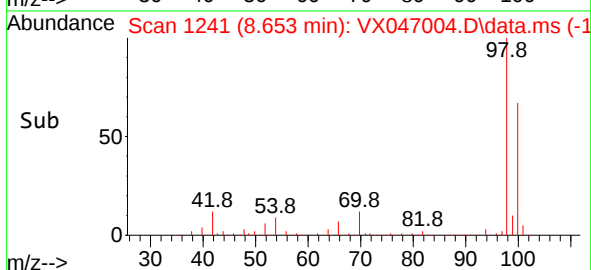
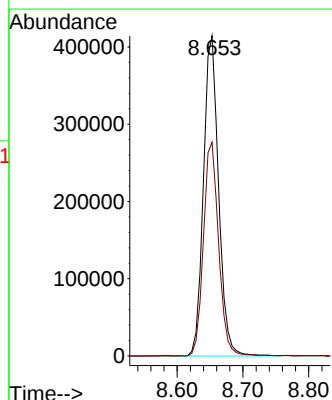
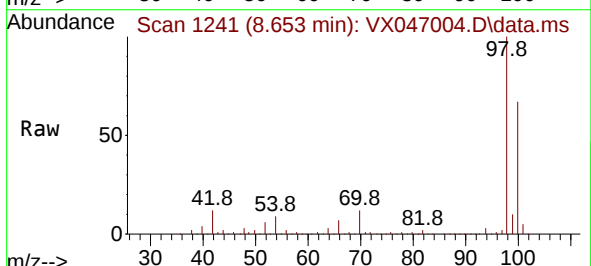
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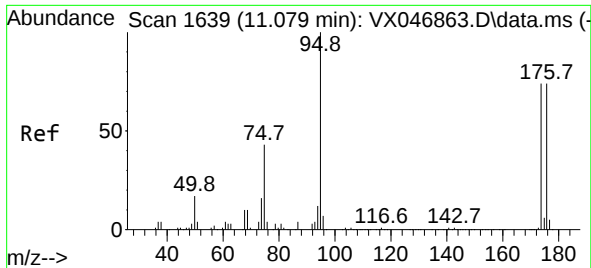
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#50
Toluene-d8
Concen: 47.807 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

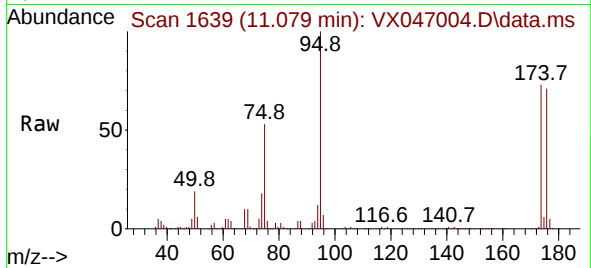
Tgt Ion: 98 Resp: 664003
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 50.148 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02

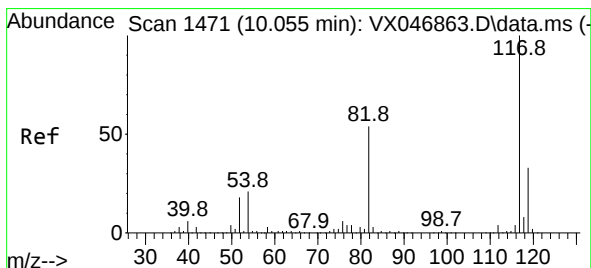
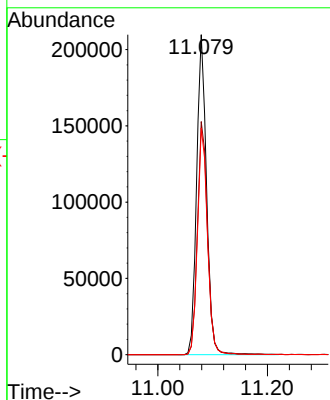
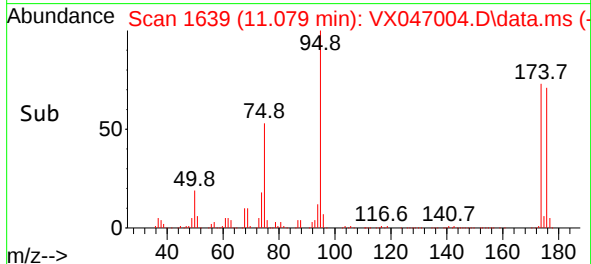
Instrument :
MSVOA_X
ClientSampleId :
TP-16



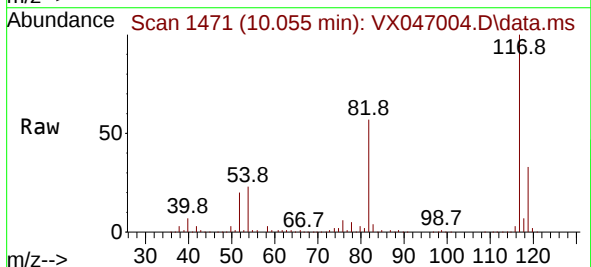
Tgt Ion: 95 Resp: 264714
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.0
176 71.3 0.0 145.2

Manual Integrations
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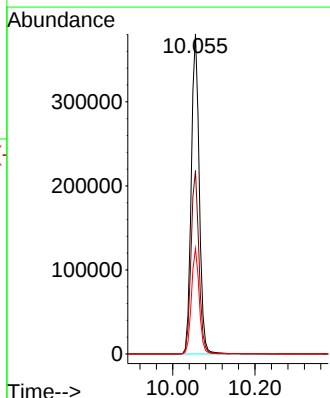
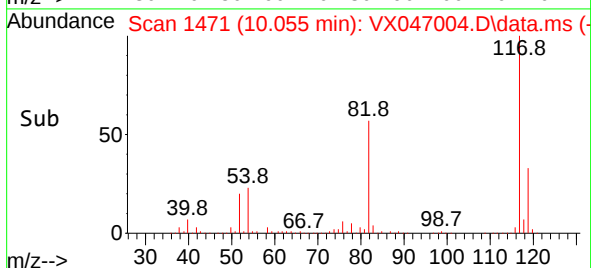
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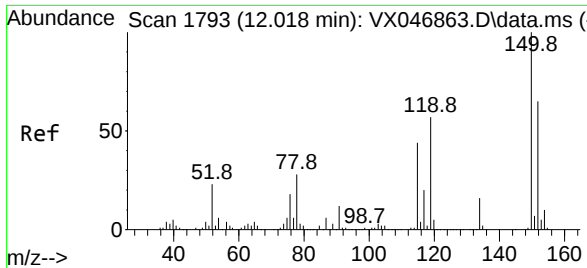


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047004.D
Acq: 15 Jul 2025 16:02



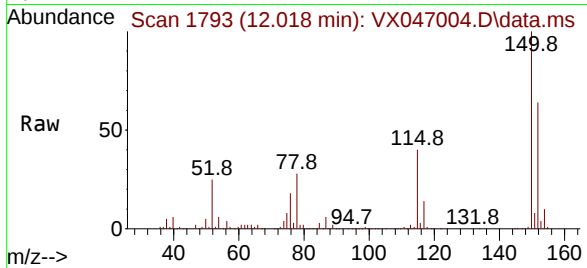
Tgt Ion:117 Resp: 513078
Ion Ratio Lower Upper
117 100
82 57.3 43.3 64.9
119 33.0 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047004.D
 Acq: 15 Jul 2025 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-16



Tgt Ion:152 Resp: 261348
 Ion Ratio Lower Upper
 152 100
 115 62.6 42.4 127.1
 150 155.3 0.0 349.2

Manual Integrations
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