

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
 Data File : VX045487.D
 Acq On : 27 Mar 2025 19:03
 Operator : JC/MD
 Sample : P167330ZHE#11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 P167330ZHE#11

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2025
 Supervised By : Mahesh Dadoda 03/28/2025

Quant Time: Mar 28 01:37:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	67620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131282	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62995	58.568	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.140%			
35) Dibromofluoromethane	5.379	113	46766	53.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.540%			
50) Toluene-d8	8.647	98	169061	53.122	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.240%			
62) 4-Bromofluorobenzene	11.079	95	59261	56.194	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 112.380%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	38974	78.097	ug/l	94
18) Methyl Acetate	2.709	43	3332m	2.775	ug/l	
20) Methylene Chloride	2.782	84	69886	70.696	ug/l	99
43) Isopropyl Acetate	6.348	43	9851	4.294	ug/l #	94

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

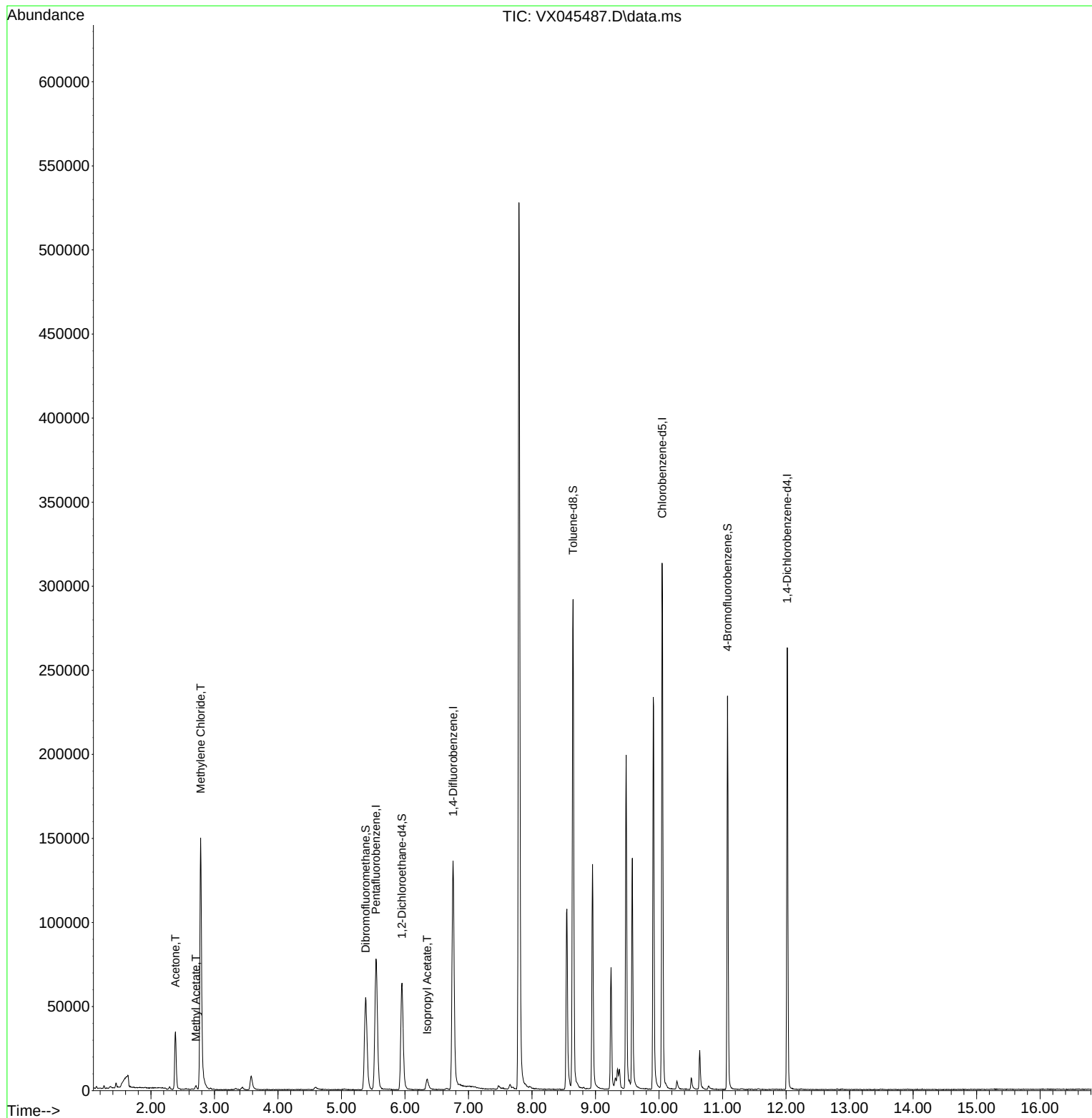
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032725\
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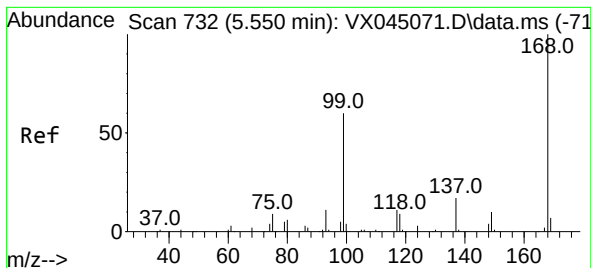
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

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Quant Title : SW846 8260
QLast Update : Fri Feb 28 06:45:16 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX045487.D

Acq: 27 Mar 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

P167330ZHE#11

Tgt Ion:168 Resp: 67620

Ion Ratio Lower Upper

168 100

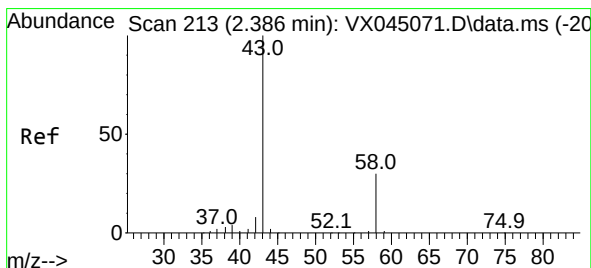
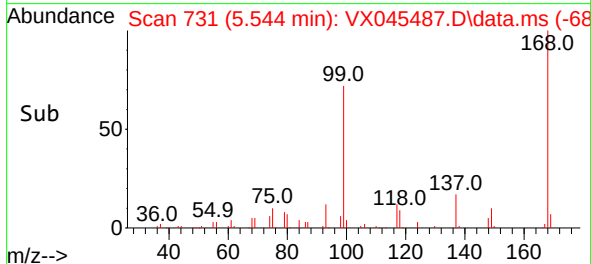
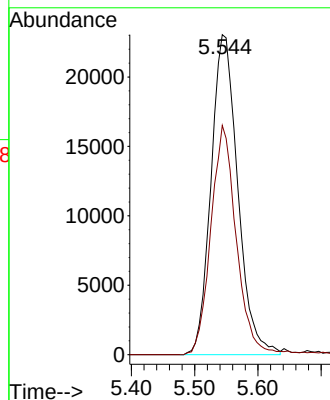
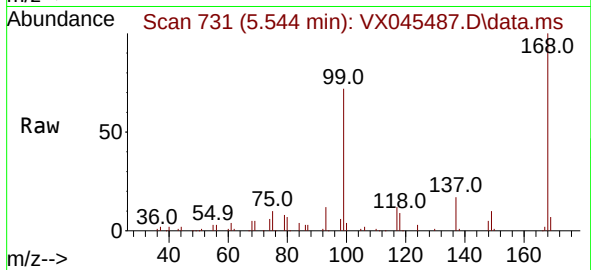
99 71.7 48.2 72.4

Manual Integrations

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Reviewed By :John Carlone 03/28/2025

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#16

Acetone

Concen: 78.097 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX045487.D

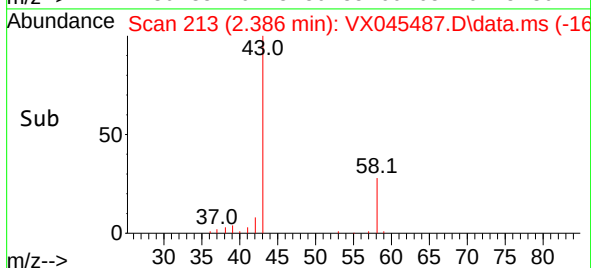
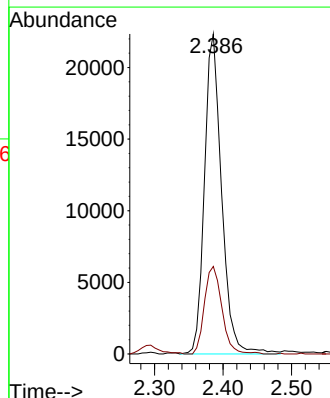
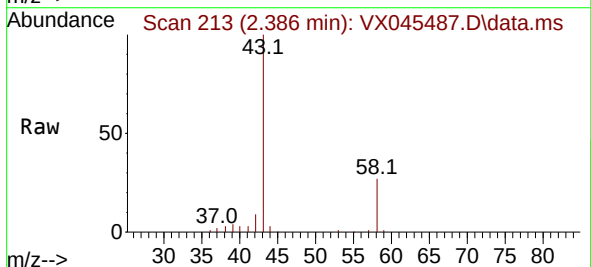
Acq: 27 Mar 2025 19:03

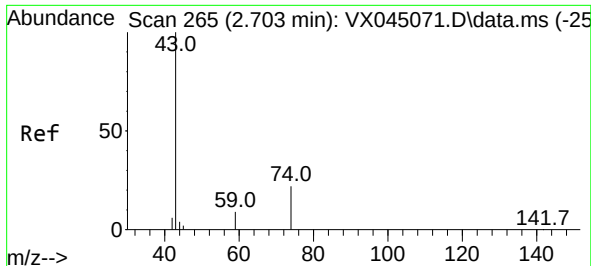
Tgt Ion: 43 Resp: 38974

Ion Ratio Lower Upper

43 100

58 27.1 24.2 36.4





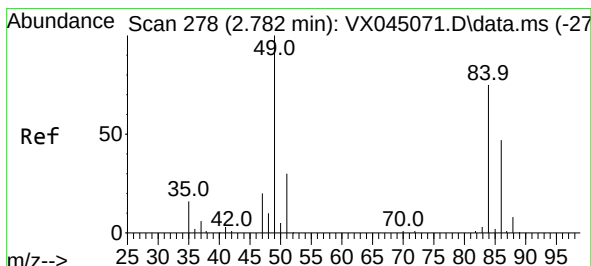
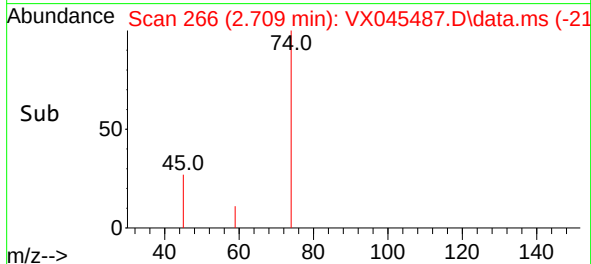
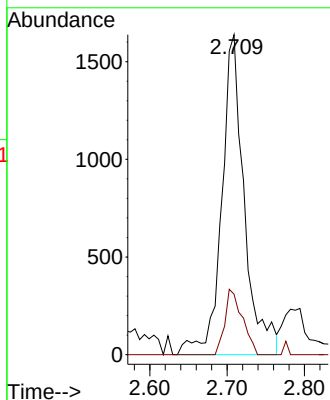
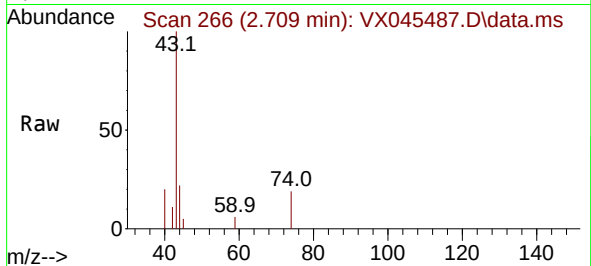
#18
Methyl Acetate
Concen: 2.775 ug/l m
RT: 2.709 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
74 15.8 17.4 26.2

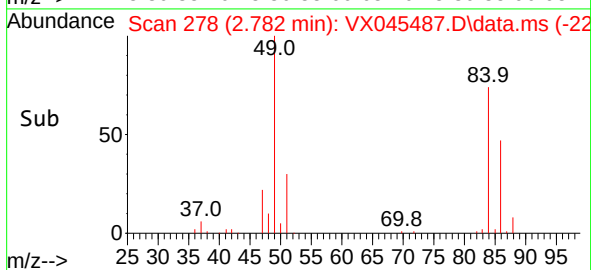
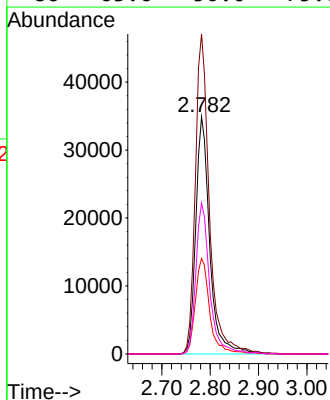
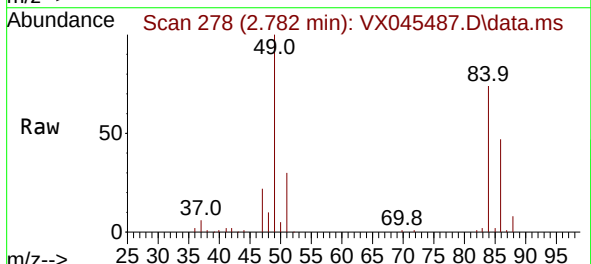
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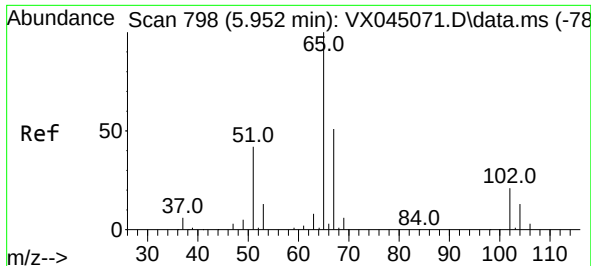
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#20
Methylene Chloride
Concen: 70.696 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion: 84 Resp: 69886
Ion Ratio Lower Upper
84 100
49 134.9 106.5 159.7
51 40.3 32.1 48.1
86 63.6 50.0 75.0





#33

1,2-Dichloroethane-d4

Concen: 58.568 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX045487.D

Acq: 27 Mar 2025 19:03

Instrument :

MSVOA_X

ClientSampleId :

P167330ZHE#11

Tgt Ion: 65 Resp: 6299

Ion Ratio Lower Upper

65 100

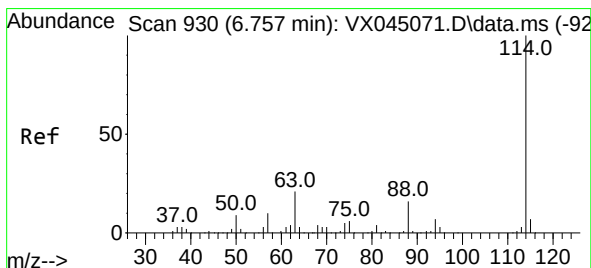
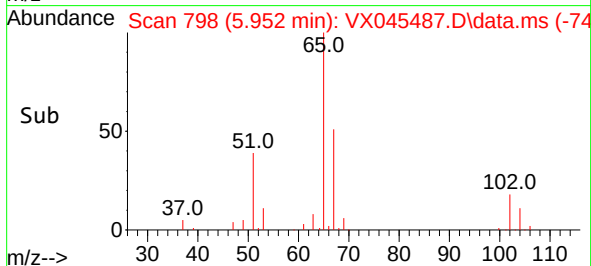
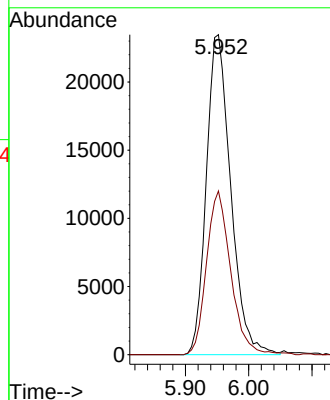
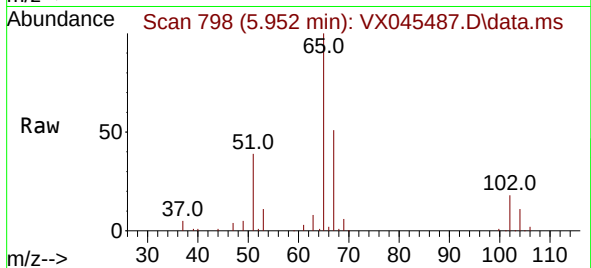
67 50.8 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX045487.D

Acq: 27 Mar 2025 19:03

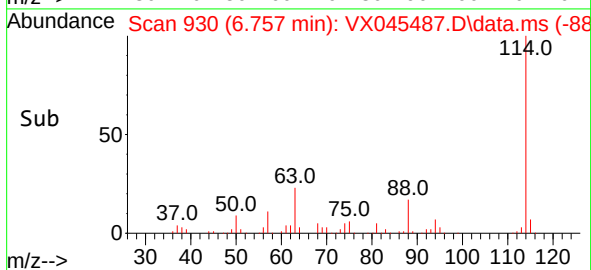
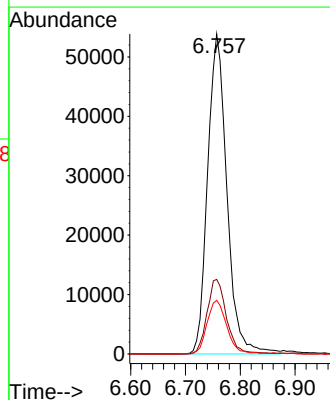
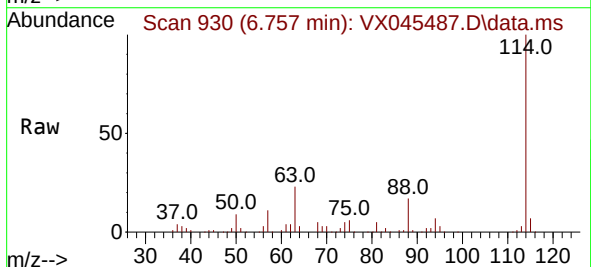
Tgt Ion:114 Resp: 131282

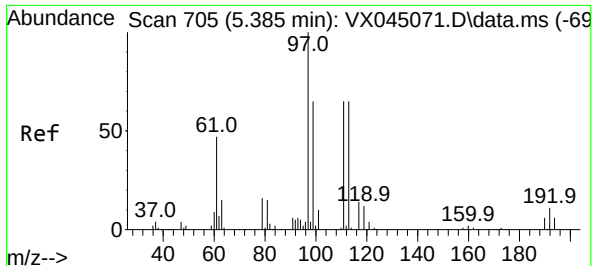
Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

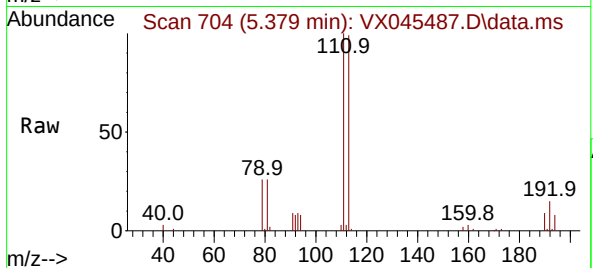
88 16.7 0.0 32.8





#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

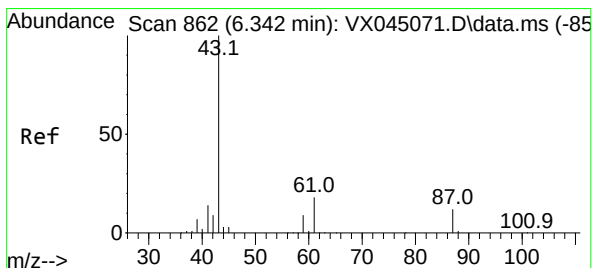
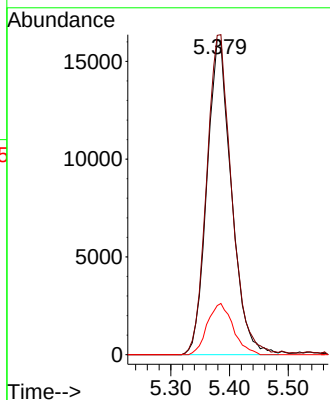
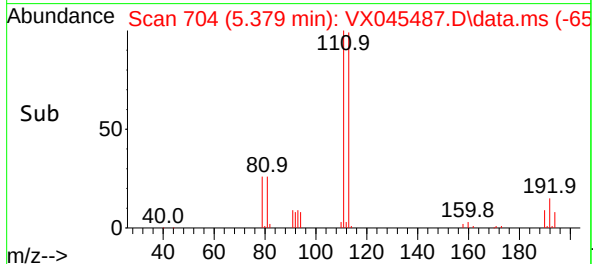
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11



Tgt Ion:113 Resp: 46760
Ion Ratio Lower Upper
113 100
111 103.3 81.8 122.6
192 17.0 14.3 21.5

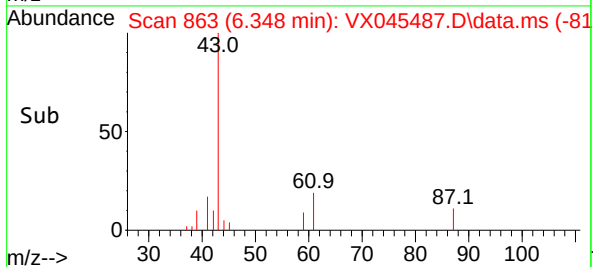
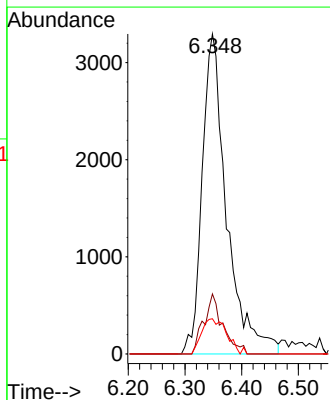
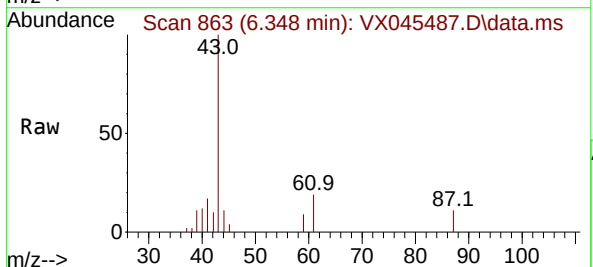
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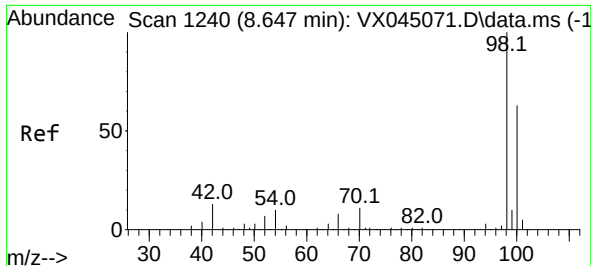
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#43
Isopropyl Acetate
Concen: 4.294 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

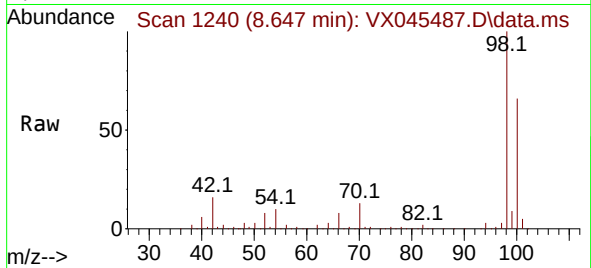
Tgt Ion: 43 Resp: 9851
Ion Ratio Lower Upper
43 100
61 14.7 14.9 22.3#
87 11.1 9.4 14.2





#50
Toluene-d8
Concen: 53.122 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

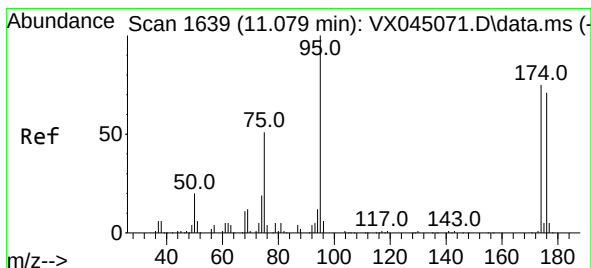
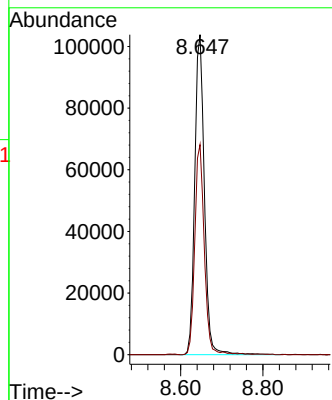
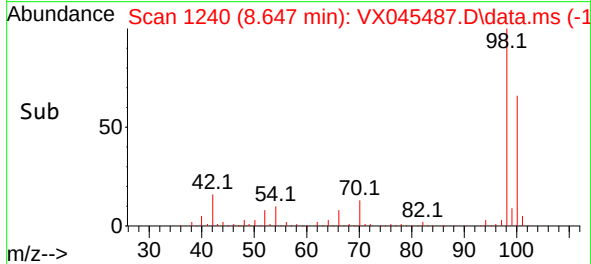
Instrument :
MSVOA_X
ClientSampleId :
P167330ZHE#11



Tgt Ion: 98 Resp: 16906
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

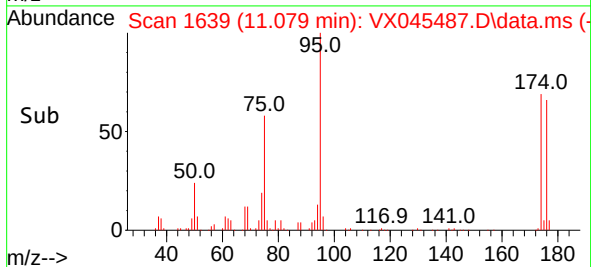
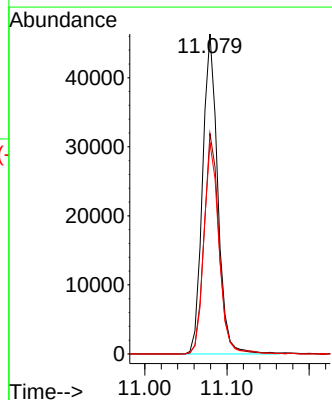
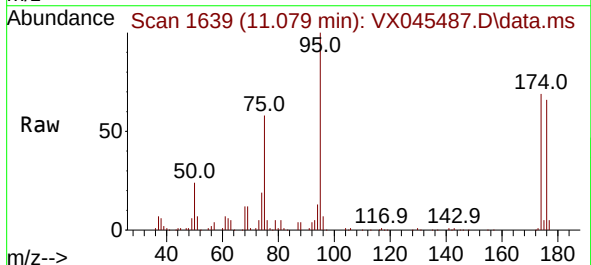
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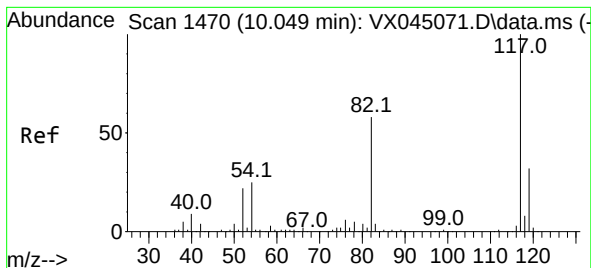
Reviewed By :John Carlone 03/28/2025
Supervised By :Mahesh Dadoda 03/28/2025



#62
4-Bromofluorobenzene
Concen: 56.194 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

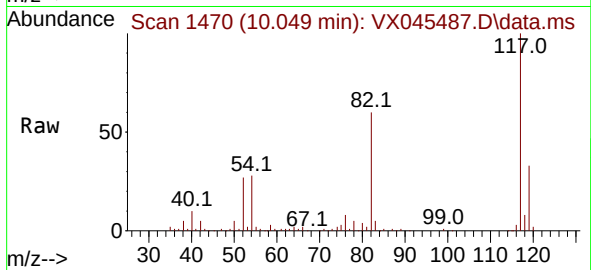
Tgt Ion: 95 Resp: 59261
Ion Ratio Lower Upper
95 100
174 68.6 0.0 148.2
176 65.8 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

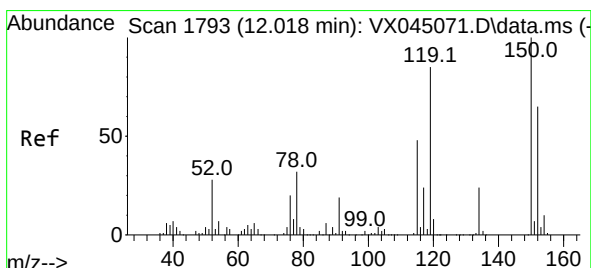
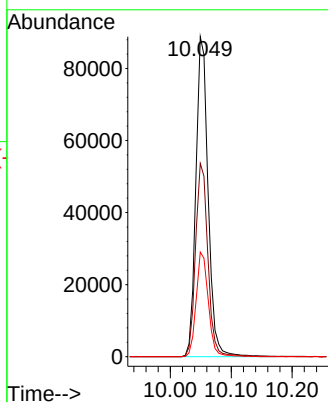
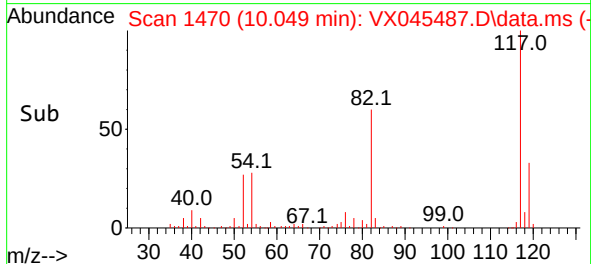
Instrument :
MSVOA_X
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P167330ZHE#11



Tgt Ion:117 Resp: 12393
Ion Ratio Lower Upper
117 100
82 60.4 46.3 69.5
119 32.7 25.7 38.5

Manual Integrations
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Supervised By :Mahesh Dadoda 03/28/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045487.D
Acq: 27 Mar 2025 19:03

Tgt Ion:152 Resp: 47289
Ion Ratio Lower Upper
152 100
115 64.4 44.2 132.6
150 155.5 0.0 349.0

