

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046671.D
 Acq On : 12 Jun 2025 18:02
 Operator : JC/MD
 Sample : Q2285-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HAM-CONCRETE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

Quant Time: Jun 13 01:47:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	74394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	134976	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	70258	53.083	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.160%			
35) Dibromofluoromethane	5.403	113	54454	54.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.720%			
50) Toluene-d8	8.653	98	173917	53.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.280%			
62) 4-Bromofluorobenzene	11.079	95	72141	53.281	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.560%			
Target Compounds						
16) Acetone	2.398	43	13916	30.877	ug/l	94
18) Methyl Acetate	2.721	43	12160	7.713	ug/l	99
20) Methylene Chloride	2.806	84	4934	4.647	ug/l #	82
37) Ethyl Acetate	4.751	43	7439m	5.376	ug/l	
43) Isopropyl Acetate	6.373	43	4700	1.948	ug/l #	85
95) Naphthalene	13.774	128	18528	3.924	ug/l	99

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

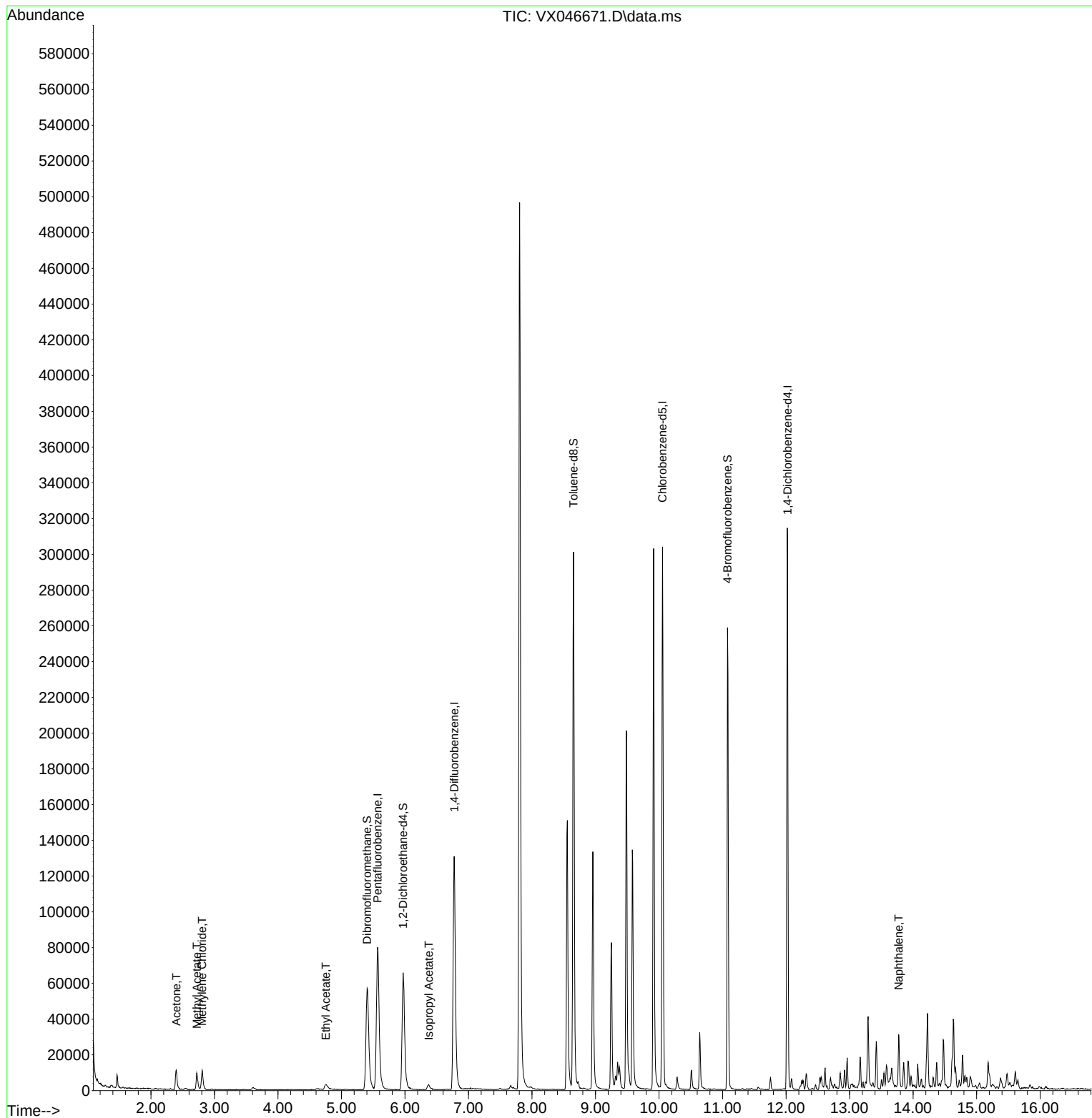
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
Data File : VX046671.D
Acq On : 12 Jun 2025 18:02
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ALS Vial : 16 Sample Multiplier: 1

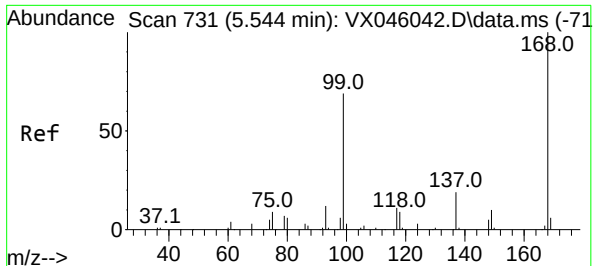
Instrument :
MSVOA_X
ClientSampleId :
HAM-CONCRETE

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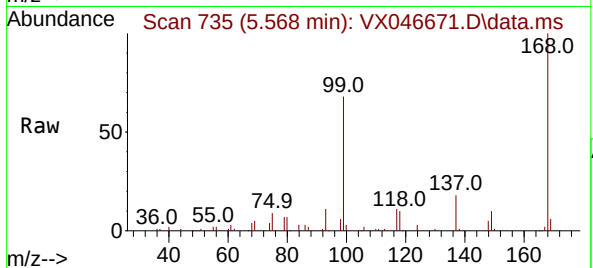
Quant Time: Jun 13 01:47:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

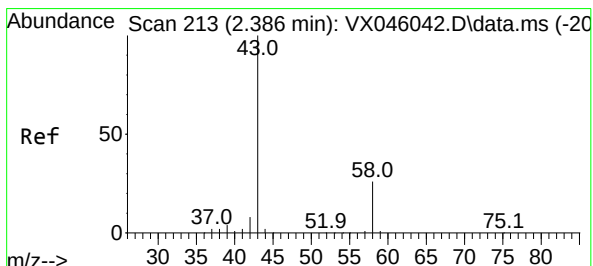
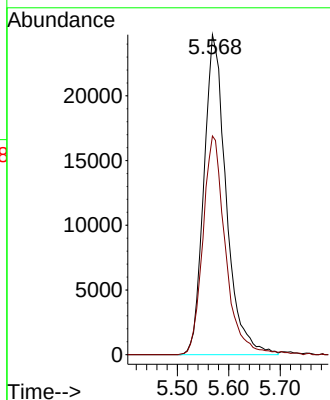
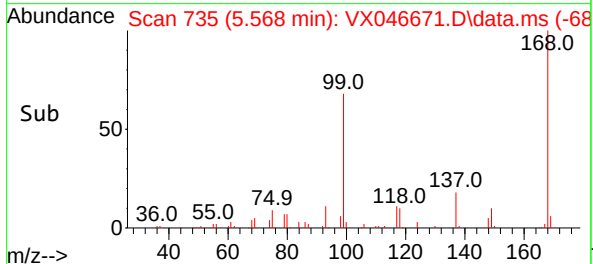
Instrument :
MSVOA_X
ClientSampleId :
HAM-CONCRETE



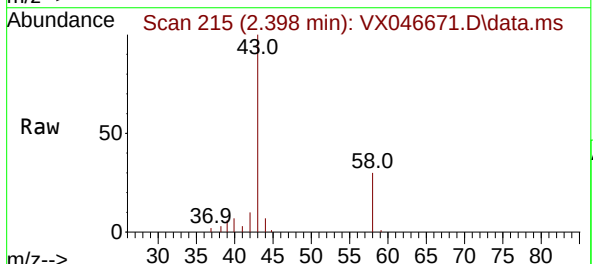
Tgt Ion:168 Resp: 74394
Ion Ratio Lower Upper
168 100
99 68.4 54.9 82.3

Manual Integrations
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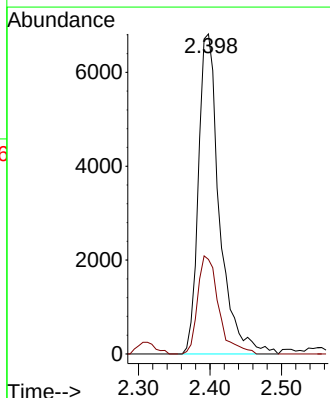
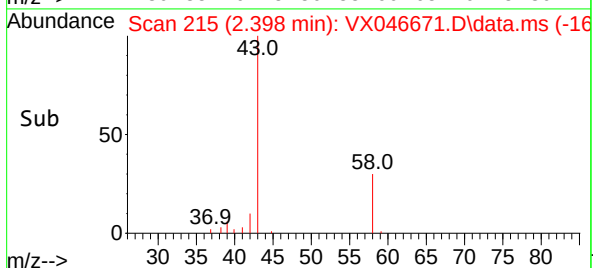
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

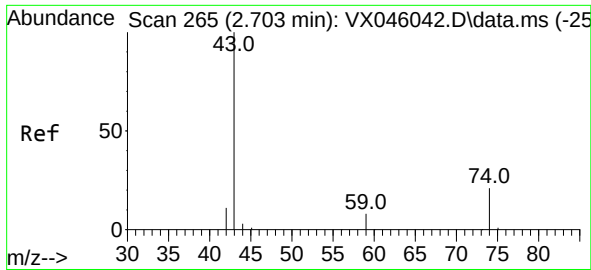


#16
Acetone
Concen: 30.877 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02



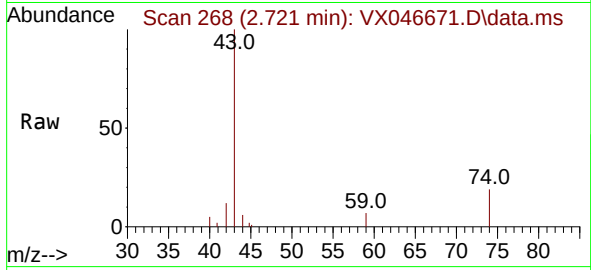
Tgt Ion: 43 Resp: 13916
Ion Ratio Lower Upper
43 100
58 29.6 21.2 31.8





#18
Methyl Acetate
Concen: 7.713 ug/l
RT: 2.721 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

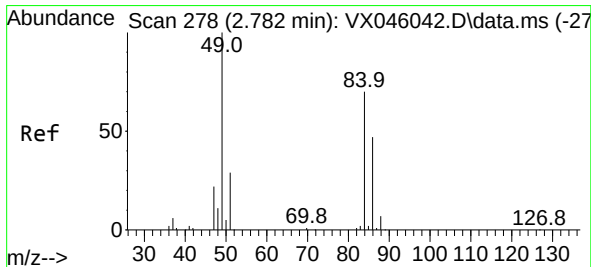
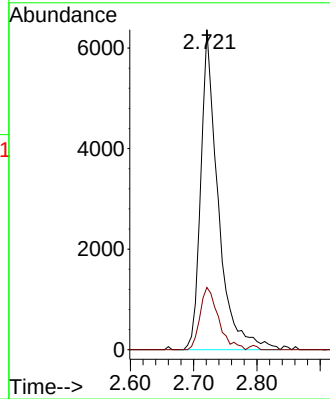
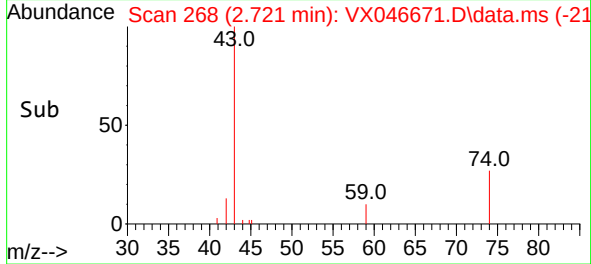
Instrument :
MSVOA_X
ClientSampleId :
HAM-CONCRETE



Tgt Ion: 43 Resp: 12160
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1

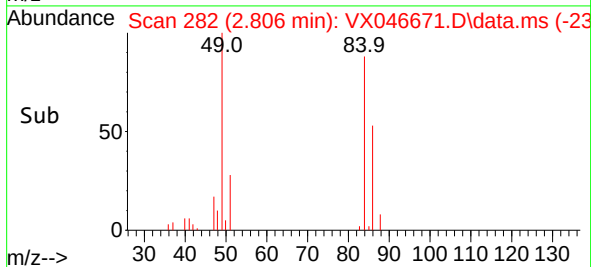
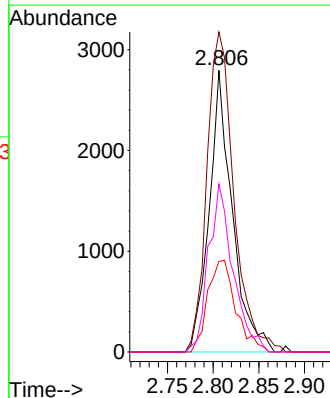
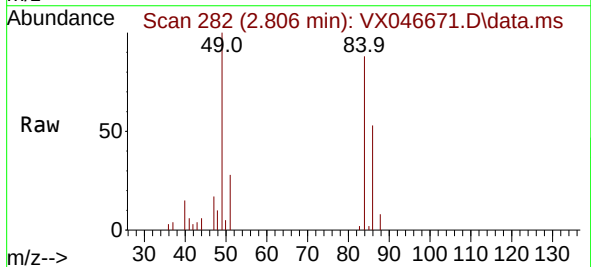
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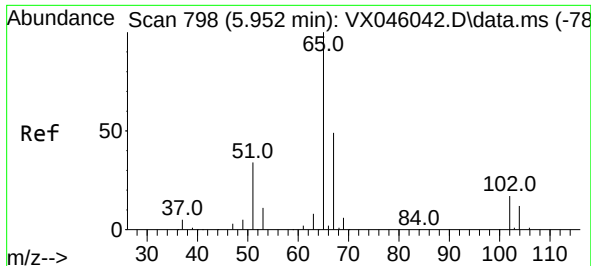
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#20
Methylene Chloride
Concen: 4.647 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

Tgt Ion: 84 Resp: 4934
Ion Ratio Lower Upper
84 100
49 113.6 113.9 170.9#
51 32.2 33.5 50.3#
86 59.7 53.8 80.8





#33

1,2-Dichloroethane-d4

Concen: 53.083 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046671.D

Acq: 12 Jun 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

HAM-CONCRETE

Tgt Ion: 65 Resp: 70258

Ion Ratio Lower Upper

65 100

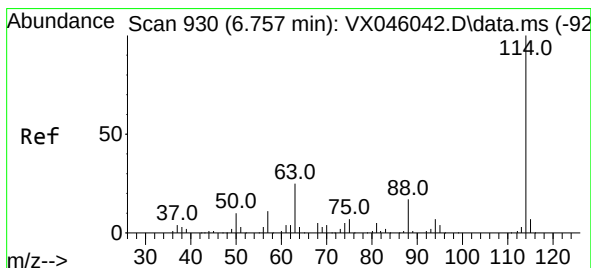
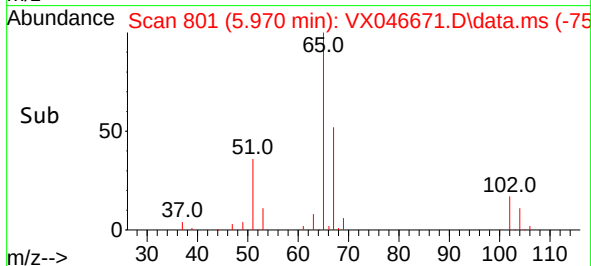
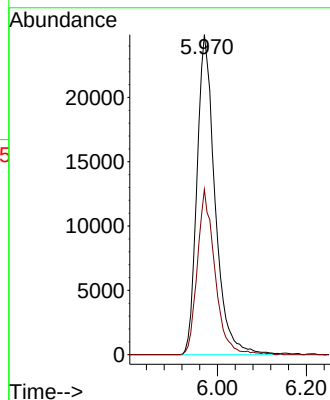
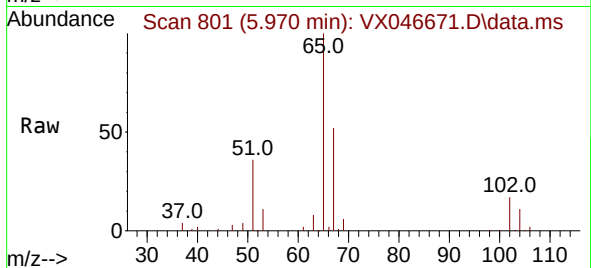
67 50.2 0.0 99.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046671.D

Acq: 12 Jun 2025 18:02

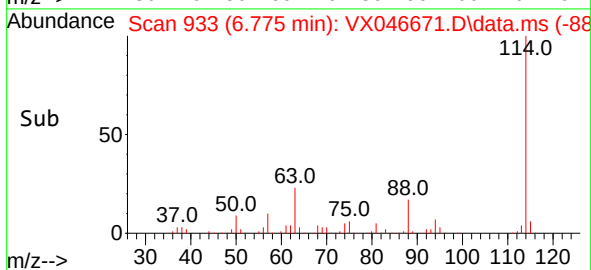
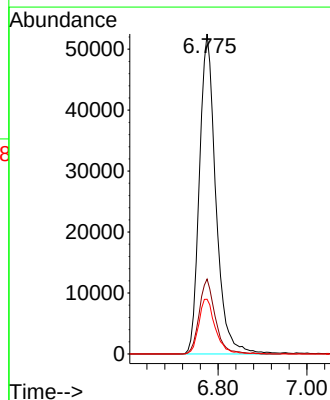
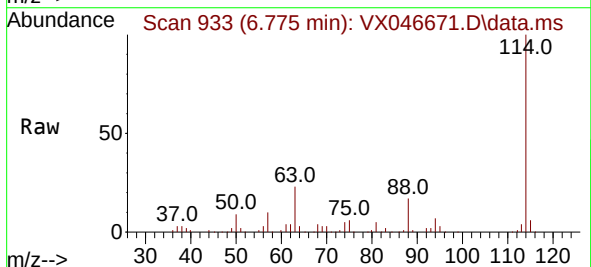
Tgt Ion:114 Resp: 134976

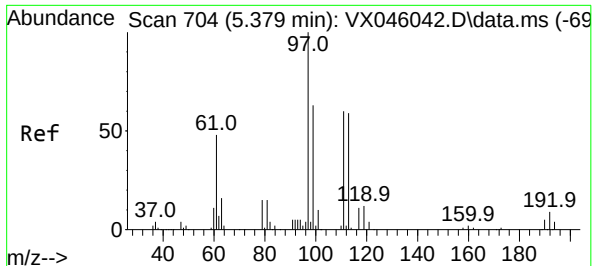
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 54.859 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046671.D

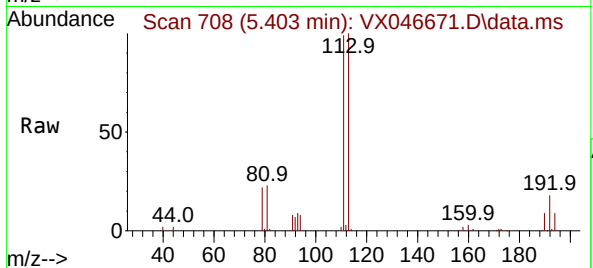
Acq: 12 Jun 2025 18:02

Instrument :

MSVOA_X

ClientSampleId :

HAM-CONCRETE



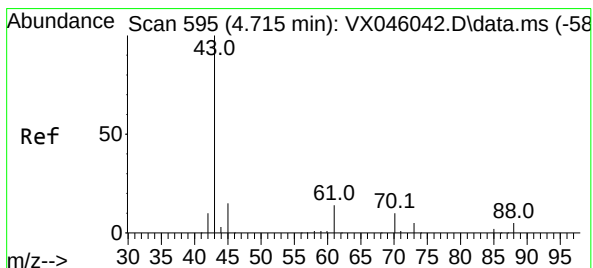
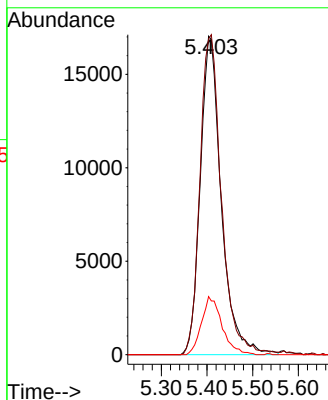
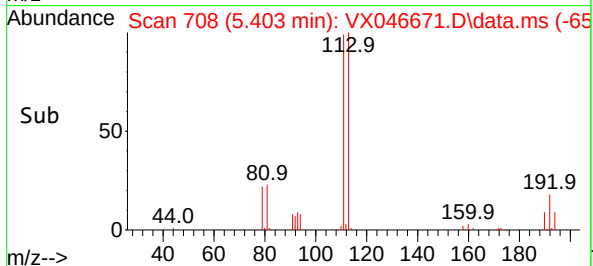
Tgt Ion:	113	Resp:	5445
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.1	124.7
192	17.8	13.3	19.9

Manual Integrations

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Supervised By :Mahesh Dadoda 06/13/2025



#37

Ethyl Acetate

Concen: 5.376 ug/l m

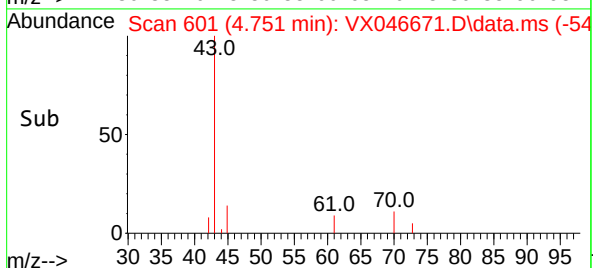
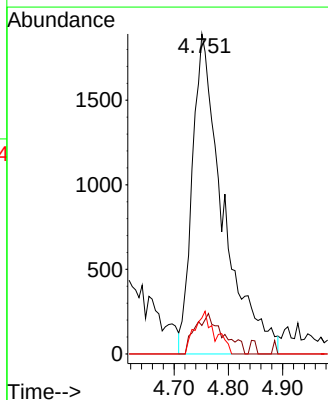
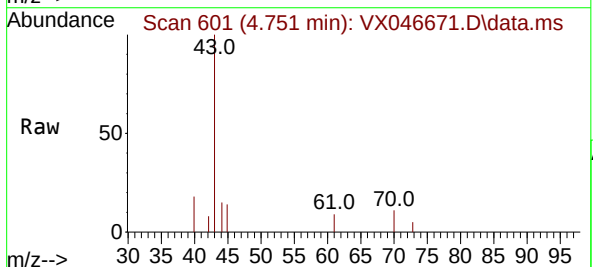
RT: 4.751 min Scan# 601

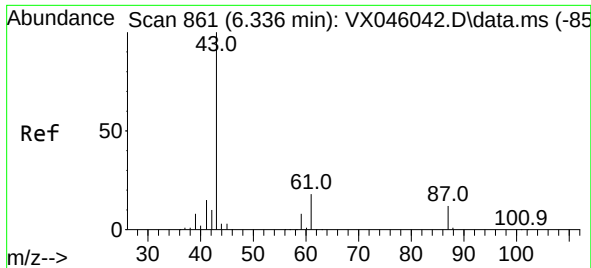
Delta R.T. 0.018 min

Lab File: VX046671.D

Acq: 12 Jun 2025 18:02

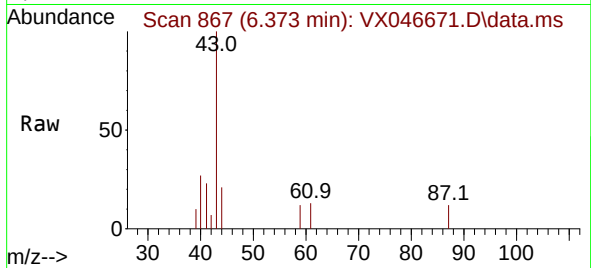
Tgt Ion:	43	Resp:	7439
Ion	Ratio	Lower	Upper
43	100		
61	11.3	10.3	15.5
70	8.8	7.9	11.9





#43
Isopropyl Acetate
Concen: 1.948 ug/l
RT: 6.373 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

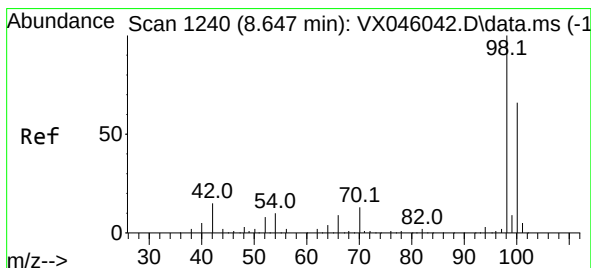
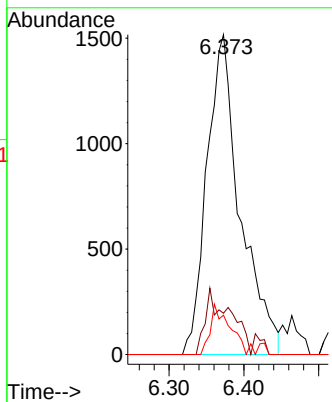
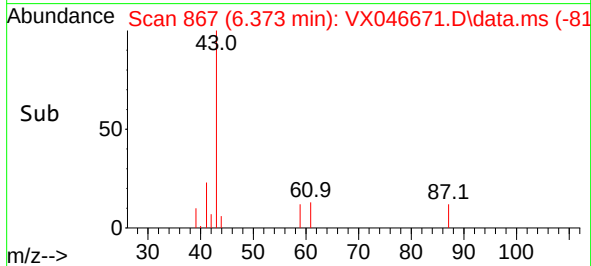
Instrument :
MSVOA_X
ClientSampleId :
HAM-CONCRETE



Tgt Ion: 43 Resp: 4700
Ion Ratio Lower Upper
43 100
61 9.0 14.3 21.5
87 9.1 9.5 14.3

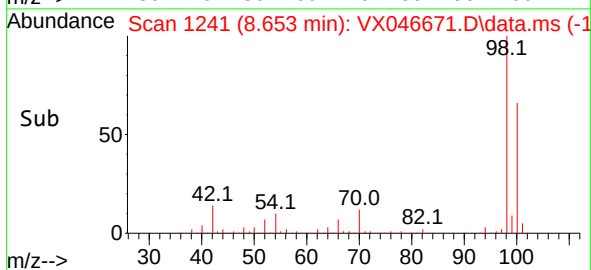
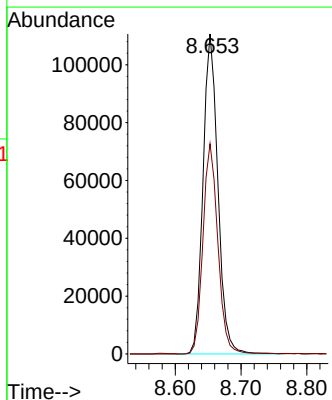
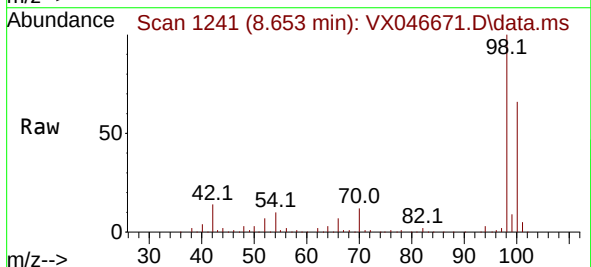
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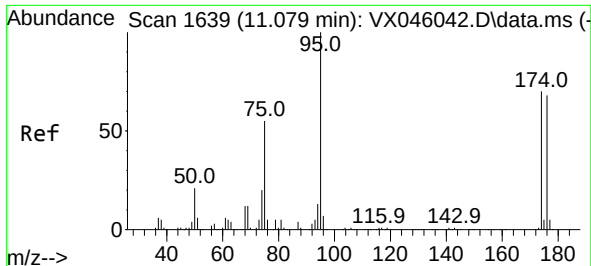
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#50
Toluene-d8
Concen: 53.145 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

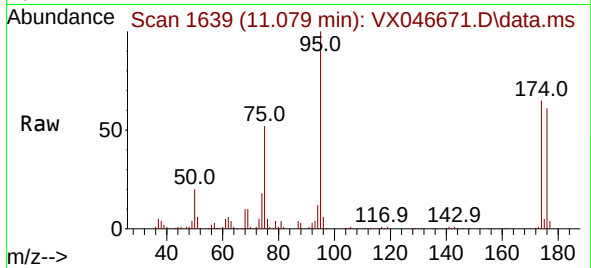
Tgt Ion: 98 Resp: 173917
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





#62
4-Bromofluorobenzene
Concen: 53.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

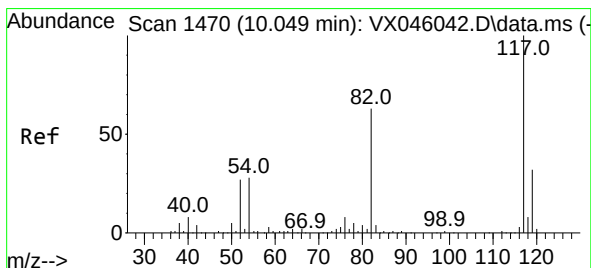
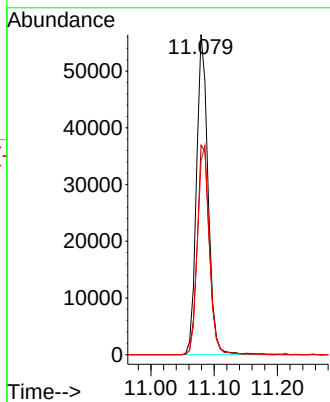
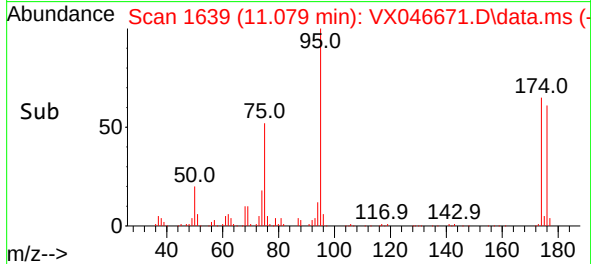
Instrument :
MSVOA_X
ClientSampleId :
HAM-CONCRETE



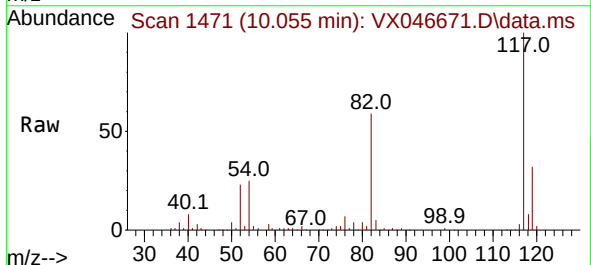
Tgt Ion: 95 Resp: 7214
Ion Ratio Lower Upper
95 100
174 68.7 0.0 135.8
176 67.1 0.0 131.4

Manual Integrations
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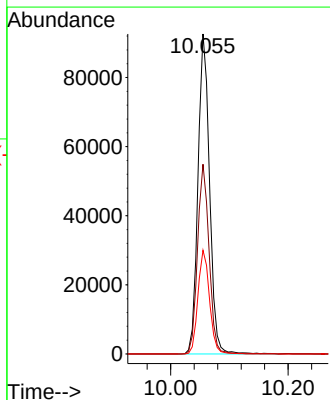
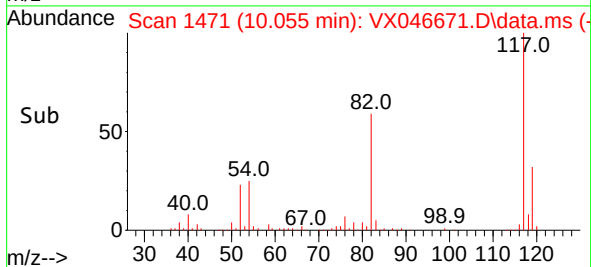
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

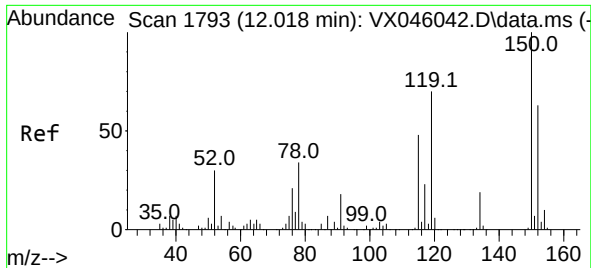


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02



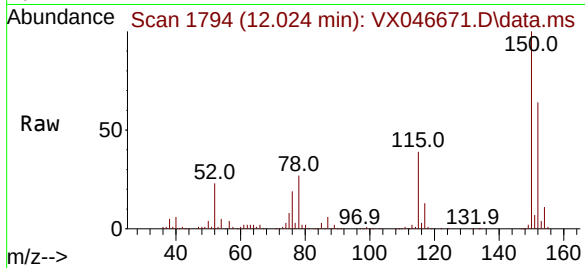
Tgt Ion:117 Resp: 126245
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 32.4 25.8 38.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02

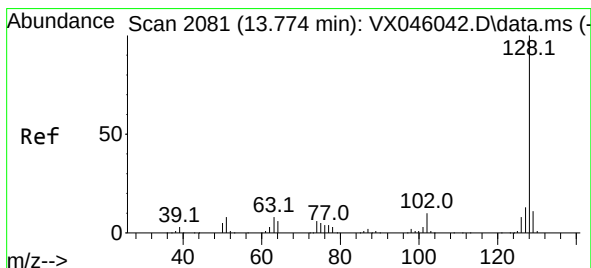
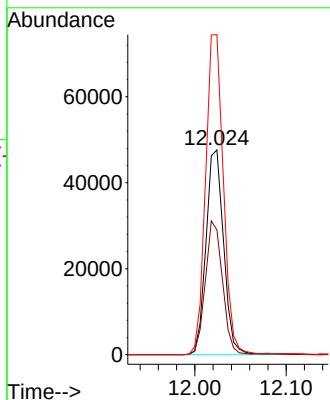
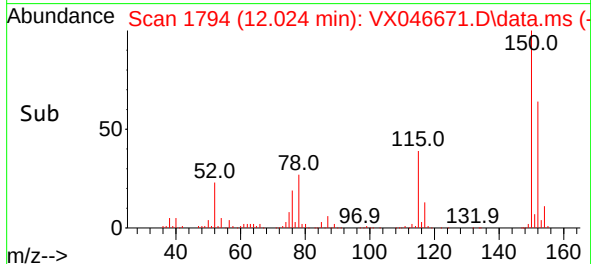
Instrument :
MSVOA_X
ClientSampleId :
HAM-CONCRETE



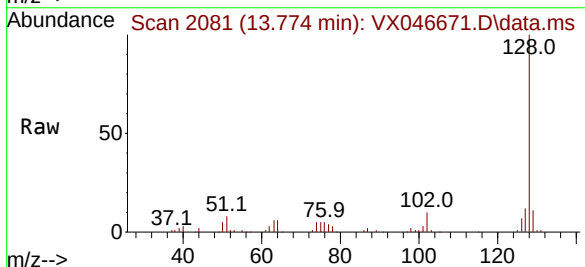
Tgt Ion:152 Resp: 6381
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 157.2 0.0 351.0

Manual Integrations
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#95
Naphthalene
Concen: 3.924 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046671.D
Acq: 12 Jun 2025 18:02



Tgt Ion:128 Resp: 18528
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 11.4 8.6 13.0

