

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047395.D
 Acq On : 18 Aug 2025 19:52
 Operator : JC/MD
 Sample : Q2875-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SAND-BLAST-B

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2025
 Supervised By : Mahesh Dadoda 08/20/2025

Quant Time: Aug 19 01:49:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	284720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	560938	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	556677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	281858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221119	55.491	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.980%			
35) Dibromofluoromethane	5.404	113	185356	50.914	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.820%			
50) Toluene-d8	8.653	98	660334	50.747	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.500%			
62) 4-Bromofluorobenzene	11.079	95	272548	56.760	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.520%			
Target Compounds						
16) Acetone	2.392	43	62470	41.708	ug/l	96
18) Methyl Acetate	2.721	43	25059	6.456	ug/l	100
20) Methylene Chloride	2.806	84	13087	3.300	ug/l	97
25) 2-Butanone	4.599	43	13416m	6.839	ug/l	
37) Ethyl Acetate	4.745	43	15684	2.629	ug/l	98
43) Isopropyl Acetate	6.361	43	12311m	1.436	ug/l	

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

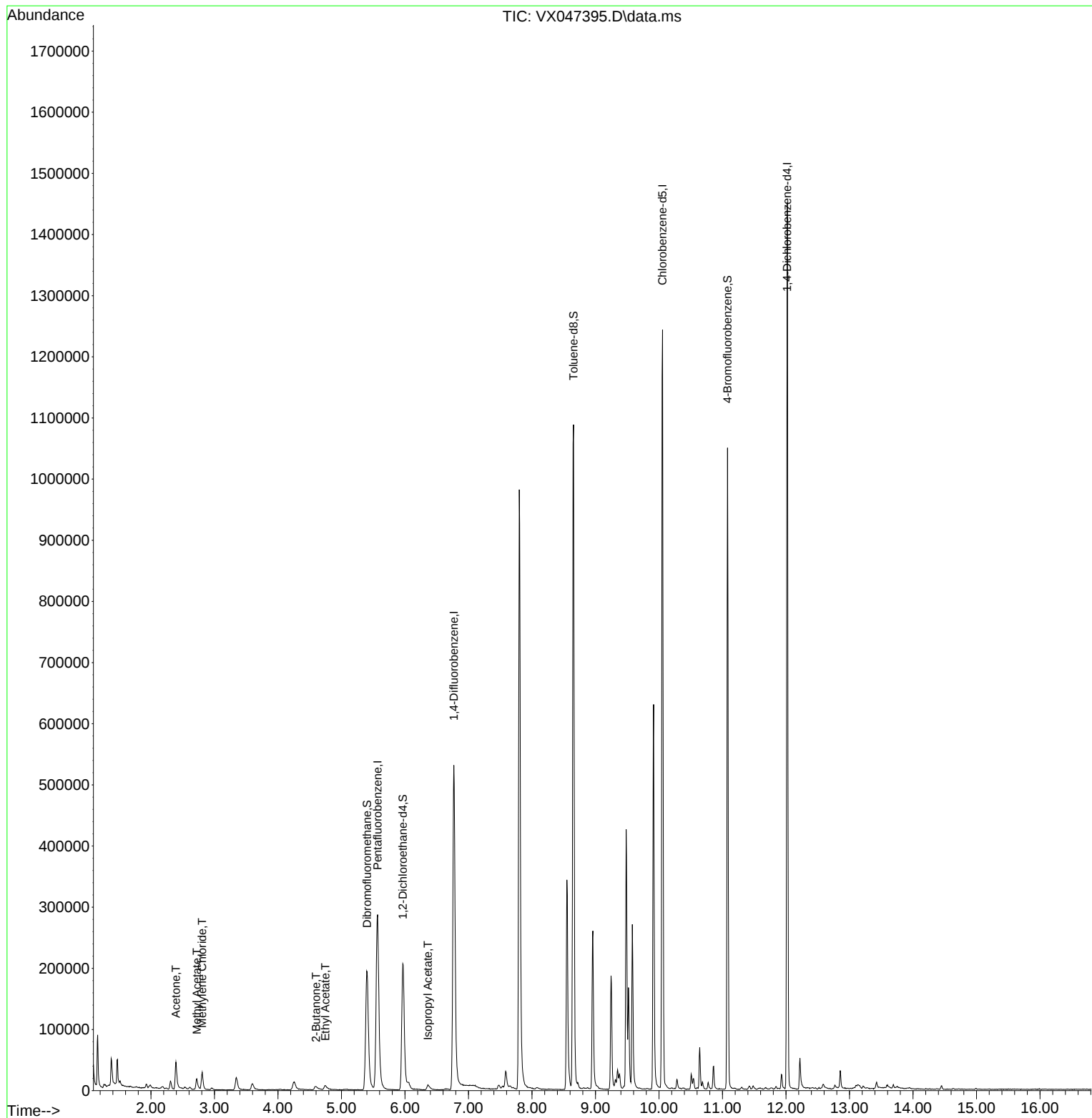
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
Data File : VX047395.D
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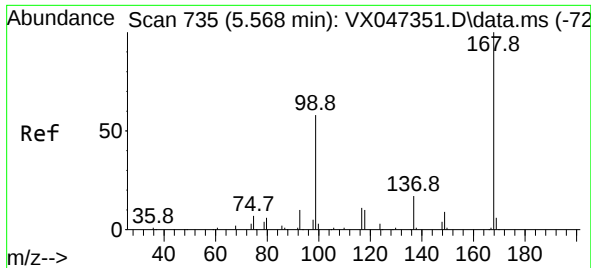
Instrument :
MSVOA_X
ClientSampleId :
SAND-BLAST-B

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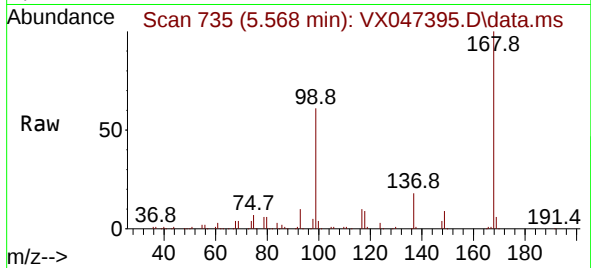
Quant Time: Aug 19 01:49:47 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
Quant Title : SW846 8260
QLast Update : Mon Aug 18 04:18:28 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

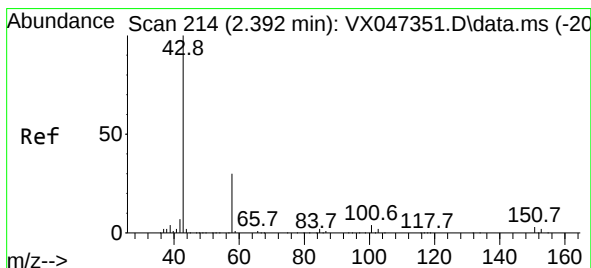
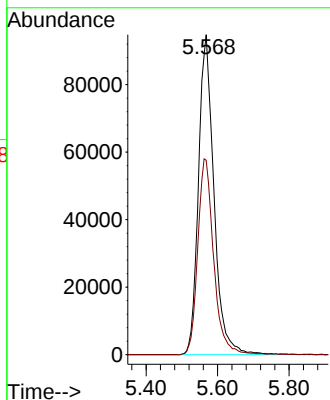
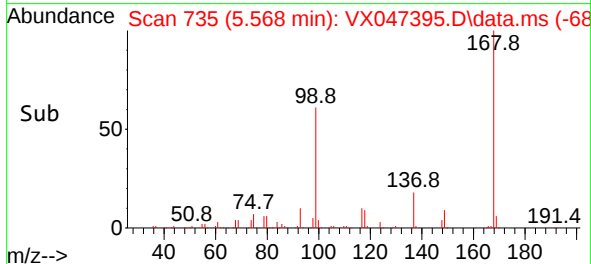
Instrument :
MSVOA_X
ClientSampleId :
SAND-BLAST-B



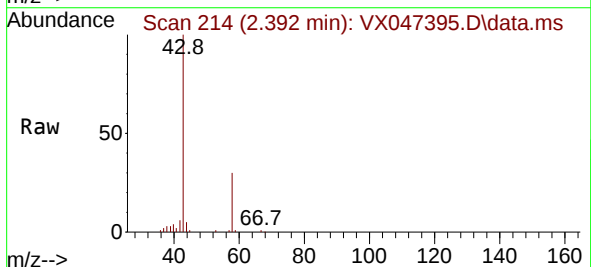
Tgt Ion:168 Resp: 284720
Ion Ratio Lower Upper
168 100
99 60.7 47.9 71.9

Manual Integrations
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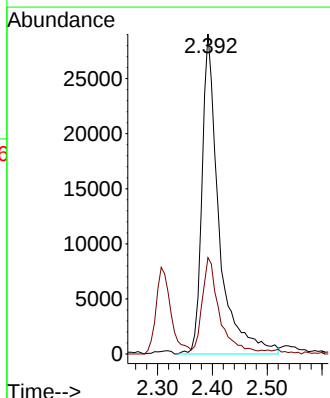
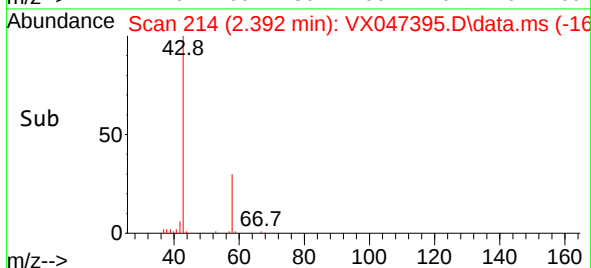
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

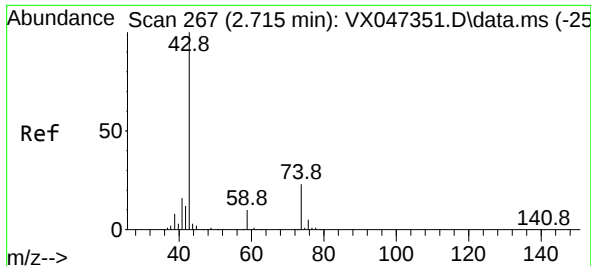


#16
Acetone
Concen: 41.708 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52



Tgt Ion: 43 Resp: 62470
Ion Ratio Lower Upper
43 100
58 28.7 24.8 37.2





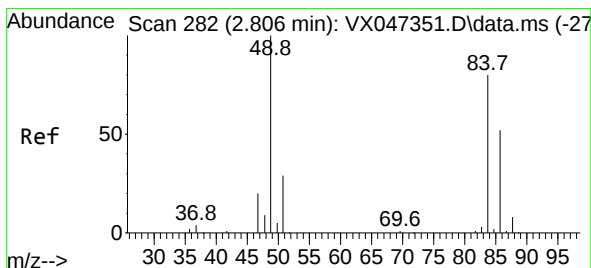
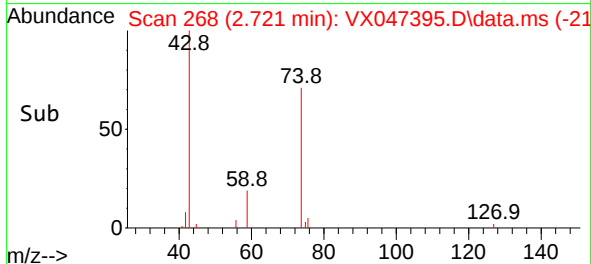
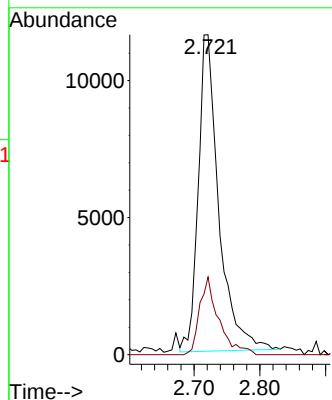
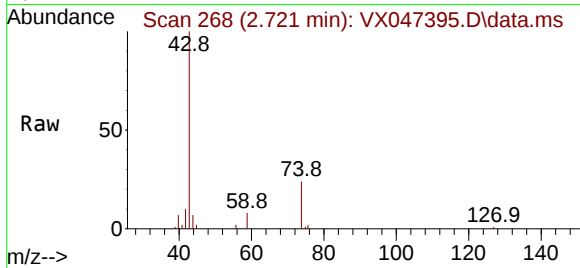
#18
Methyl Acetate
Concen: 6.456 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
SAND-BLAST-B

Tgt Ion: 43 Resp: 25059
Ion Ratio Lower Upper
43 100
74 22.9 18.4 27.6

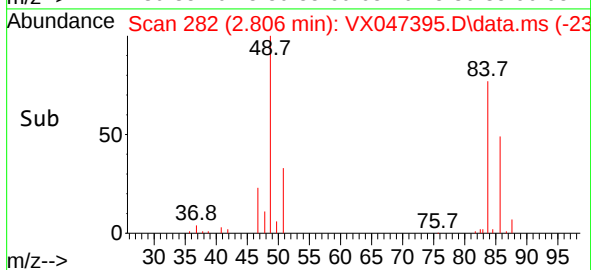
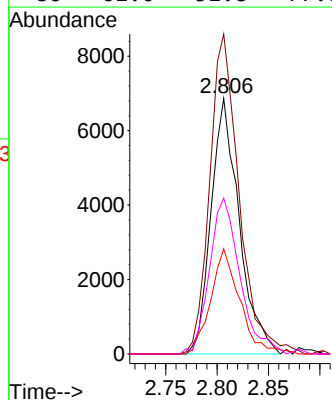
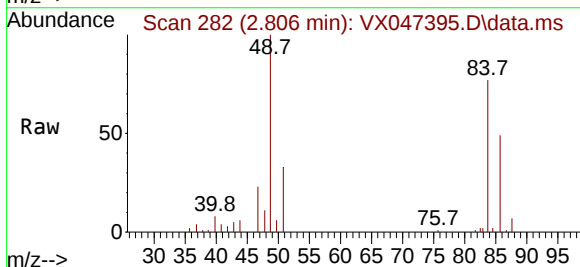
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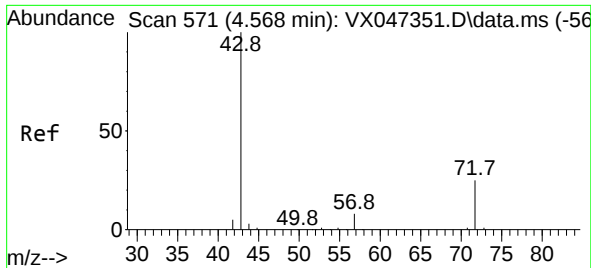
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025



#20
Methylene Chloride
Concen: 3.300 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

Tgt Ion: 84 Resp: 13087
Ion Ratio Lower Upper
84 100
49 125.2 100.1 150.1
51 41.1 29.5 44.3
86 61.0 51.8 77.8





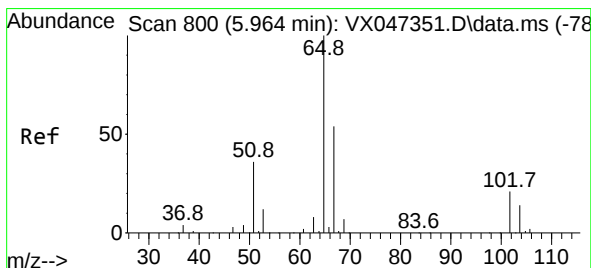
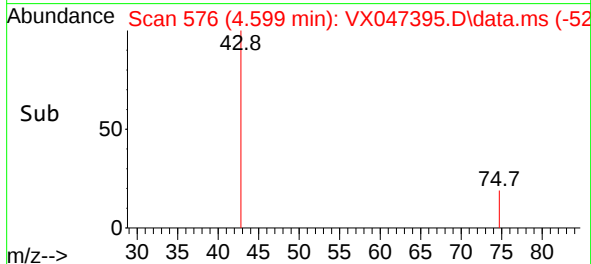
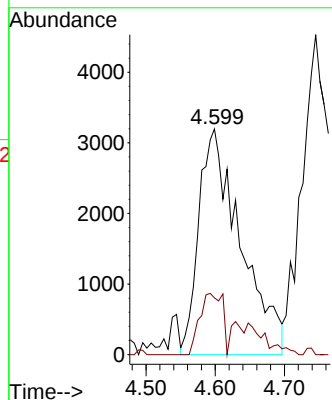
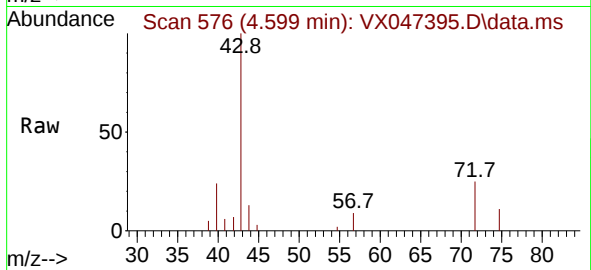
#25
2-Butanone
Concen: 6.839 ug/l m
RT: 4.599 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

Instrument :
MSVOA_X
ClientSampleId :
SAND-BLAST-B

Tgt Ion: 43 Resp: 13410
Ion Ratio Lower Upper
43 100
72 25.1 19.8 29.8

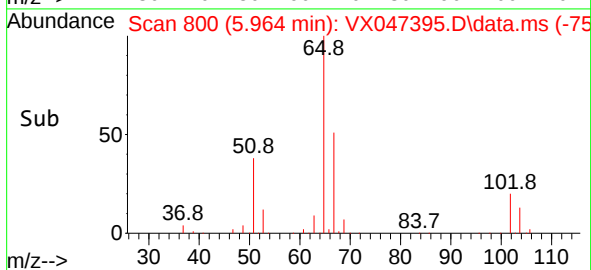
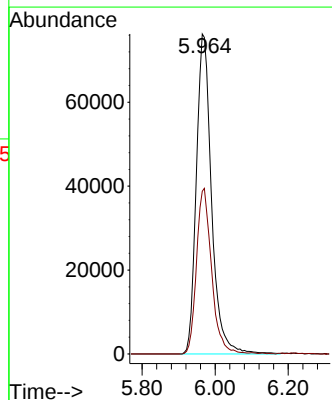
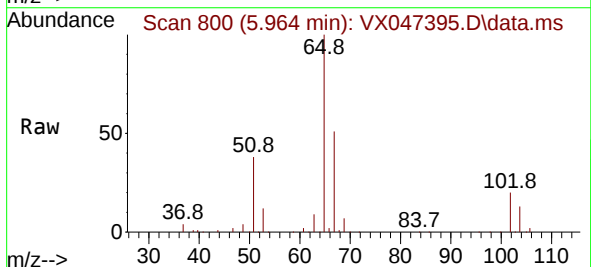
Manual Integrations
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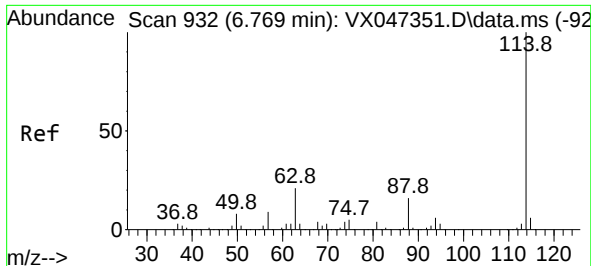
Reviewed By :John Carlone 08/19/2025
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#33
1,2-Dichloroethane-d4
Concen: 55.491 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

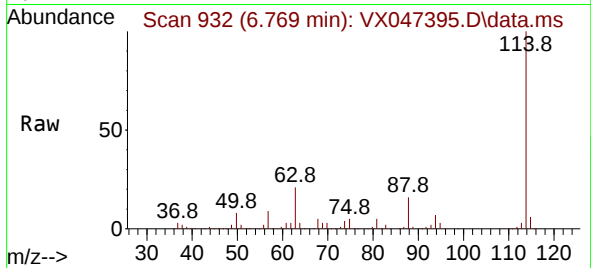
Tgt Ion: 65 Resp: 221119
Ion Ratio Lower Upper
65 100
67 51.2 0.0 106.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

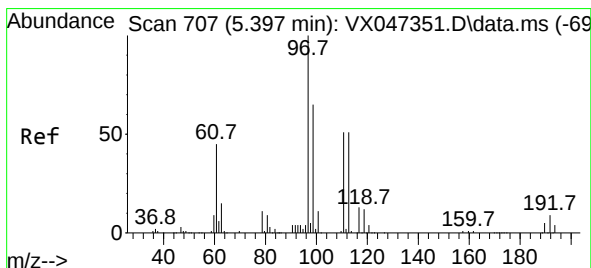
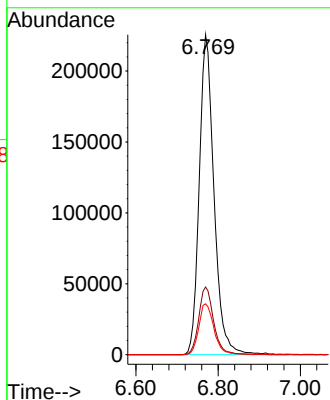
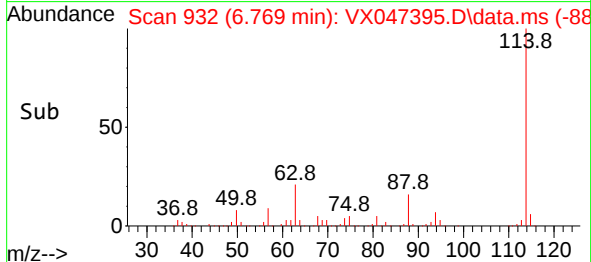
Instrument :
MSVOA_X
ClientSampleId :
SAND-BLAST-B



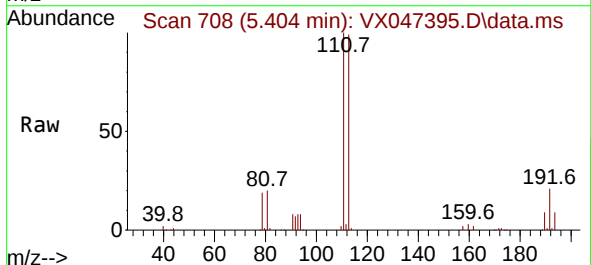
Tgt Ion:114 Resp: 560938
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.4
88 15.9 0.0 33.0

Manual Integrations
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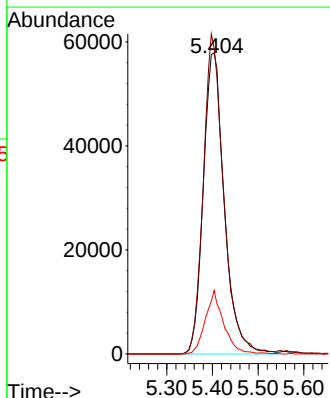
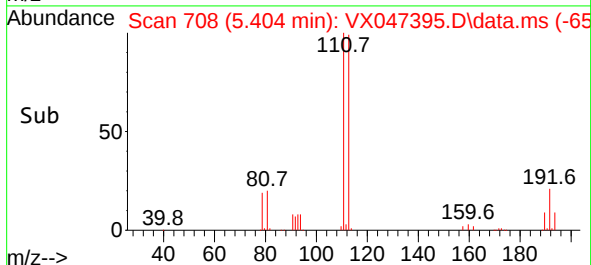
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

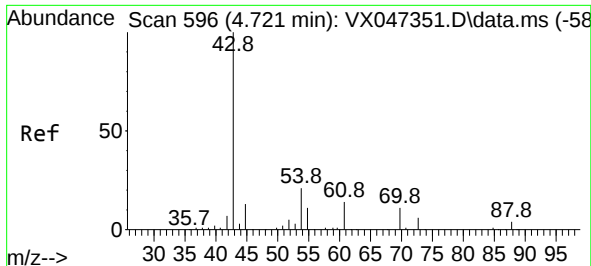


#35
Dibromofluoromethane
Concen: 50.914 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52



Tgt Ion:113 Resp: 185356
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 18.3 14.1 21.1





#37

Ethyl Acetate

Concen: 2.629 ug/l

RT: 4.745 min Scan# 600

Delta R.T. 0.025 min

Lab File: VX047395.D

Acq: 18 Aug 2025 19:52

Instrument :

MSVOA_X

ClientSampleId :

SAND-BLAST-B

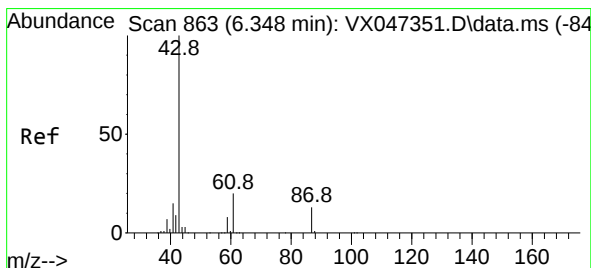
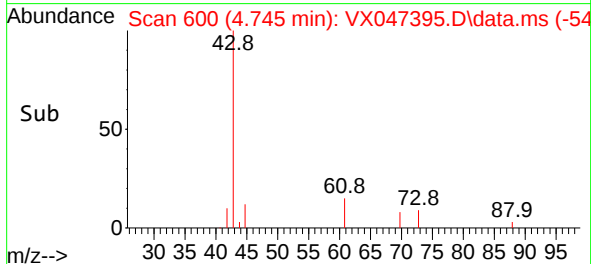
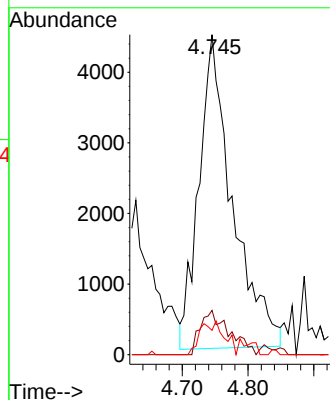
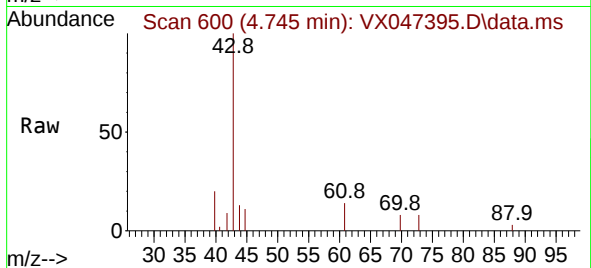
Tgt Ion:	43	Resp:	15684
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.4	14.2
70	7.6	7.0	10.6

Manual Integrations

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#43

Isopropyl Acetate

Concen: 1.436 ug/l m

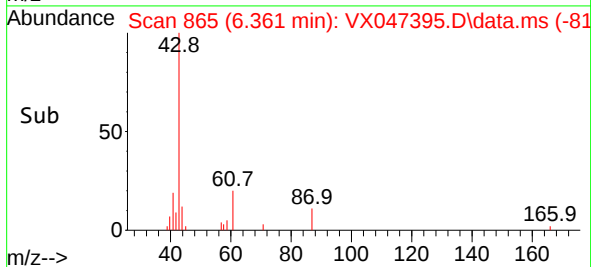
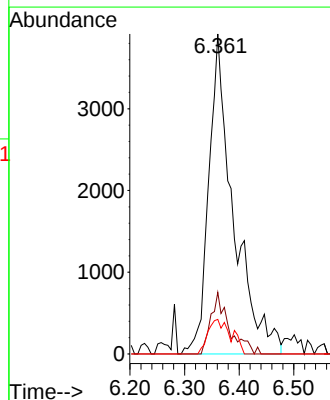
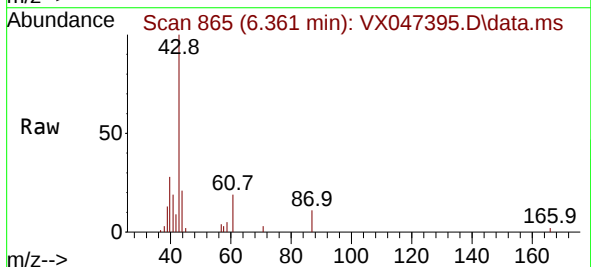
RT: 6.361 min Scan# 865

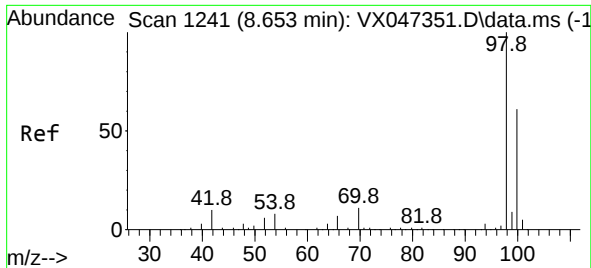
Delta R.T. 0.012 min

Lab File: VX047395.D

Acq: 18 Aug 2025 19:52

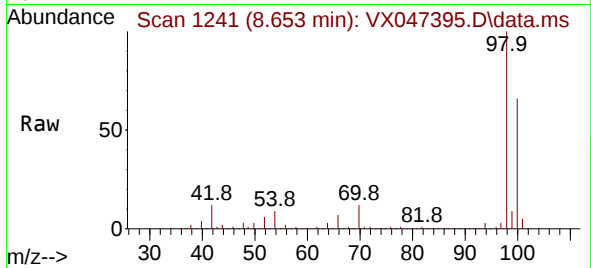
Tgt Ion:	43	Resp:	12311
Ion	Ratio	Lower	Upper
43	100		
61	14.3	15.4	23.0#
87	8.2	10.2	15.4#





#50
Toluene-d8
Concen: 50.747 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

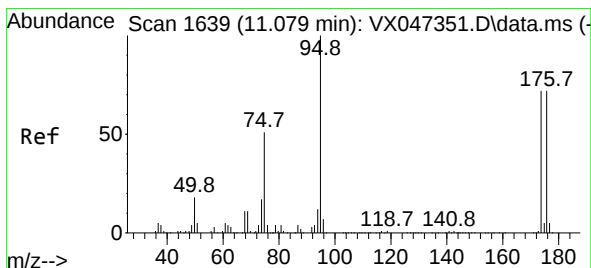
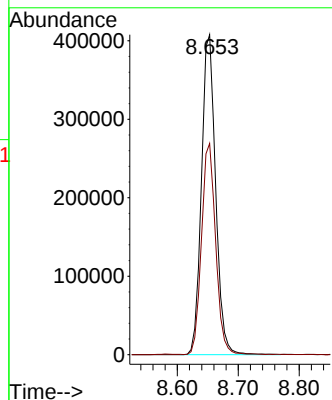
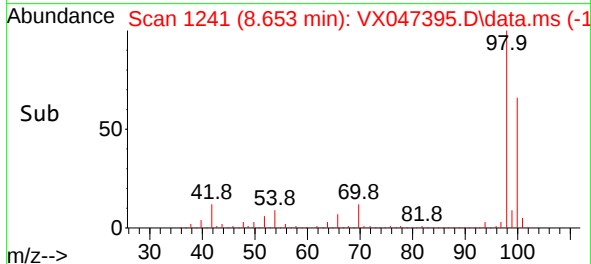
Instrument :
MSVOA_X
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SAND-BLAST-B



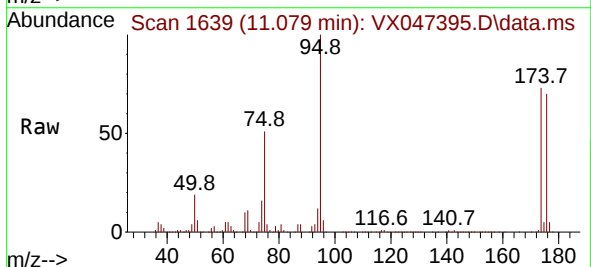
Tgt Ion: 98 Resp: 660334
Ion Ratio Lower Upper
98 100
100 65.9 53.9 80.9

Manual Integrations
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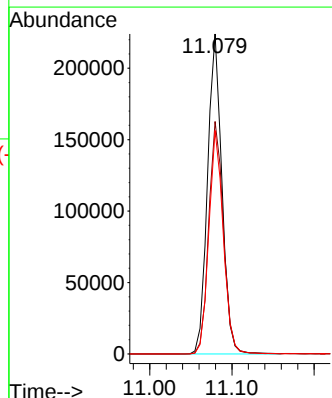
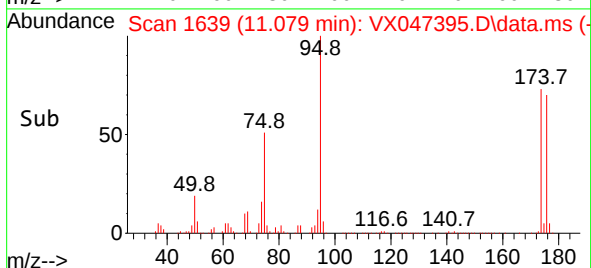
Reviewed By :John Carlone 08/19/2025
Supervised By :Mahesh Dadoda 08/20/2025

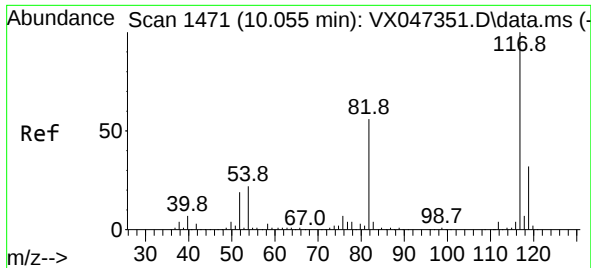


#62
4-Bromofluorobenzene
Concen: 56.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52



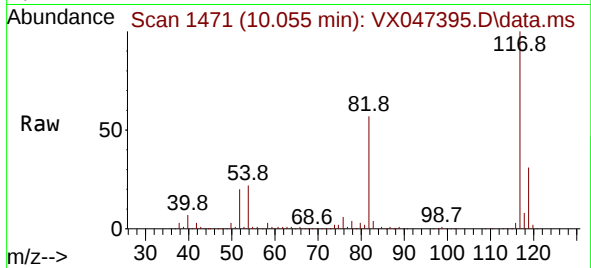
Tgt Ion: 95 Resp: 272548
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.0
176 70.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

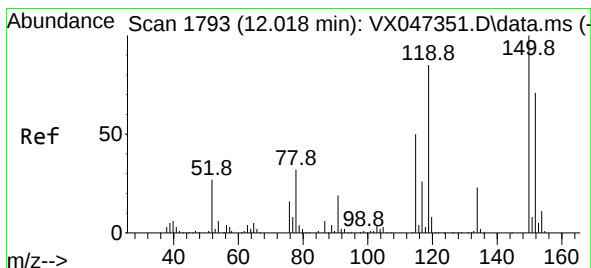
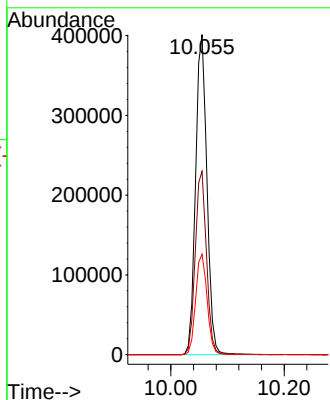
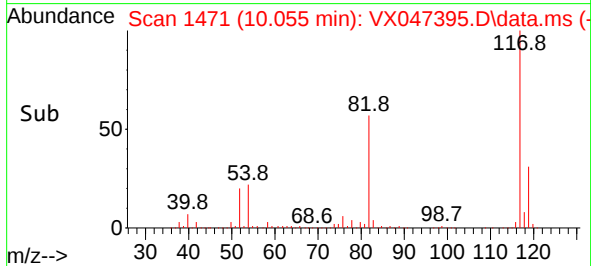
Instrument :
MSVOA_X
ClientSampleId :
SAND-BLAST-B



Tgt Ion:117 Resp: 55667
Ion Ratio Lower Upper
117 100
82 57.3 45.0 67.4
119 31.4 25.8 38.8

Manual Integrations
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Supervised By :Mahesh Dadoda 08/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047395.D
Acq: 18 Aug 2025 19:52

Tgt Ion:152 Resp: 281858
Ion Ratio Lower Upper
152 100
115 62.6 44.6 133.8
150 159.7 0.0 349.8

