

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047702.D
 Acq On : 22 Sep 2025 14:28
 Operator : JC/MD
 Sample : Q3133-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-222

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 01:34:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	203047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	421156	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	410121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	203992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	165596	51.236	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.480%			
35) Dibromofluoromethane	5.373	113	137068	48.528	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.060%			
50) Toluene-d8	8.635	98	476410	48.746	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.500%			
62) 4-Bromofluorobenzene	11.061	95	201420	54.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.600%			
Target Compounds					Qvalue	
16) Acetone	2.374	43	121916	86.756	ug/l	99
18) Methyl Acetate	2.703	43	10419	3.331	ug/l	94
20) Methylene Chloride	2.794	84	24034	8.080	ug/l	90
25) 2-Butanone	4.556	43	11531	6.578	ug/l	100
37) Ethyl Acetate	4.715	43	6895m	1.560	ug/l	
43) Isopropyl Acetate	6.324	43	13325	1.839	ug/l	97

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

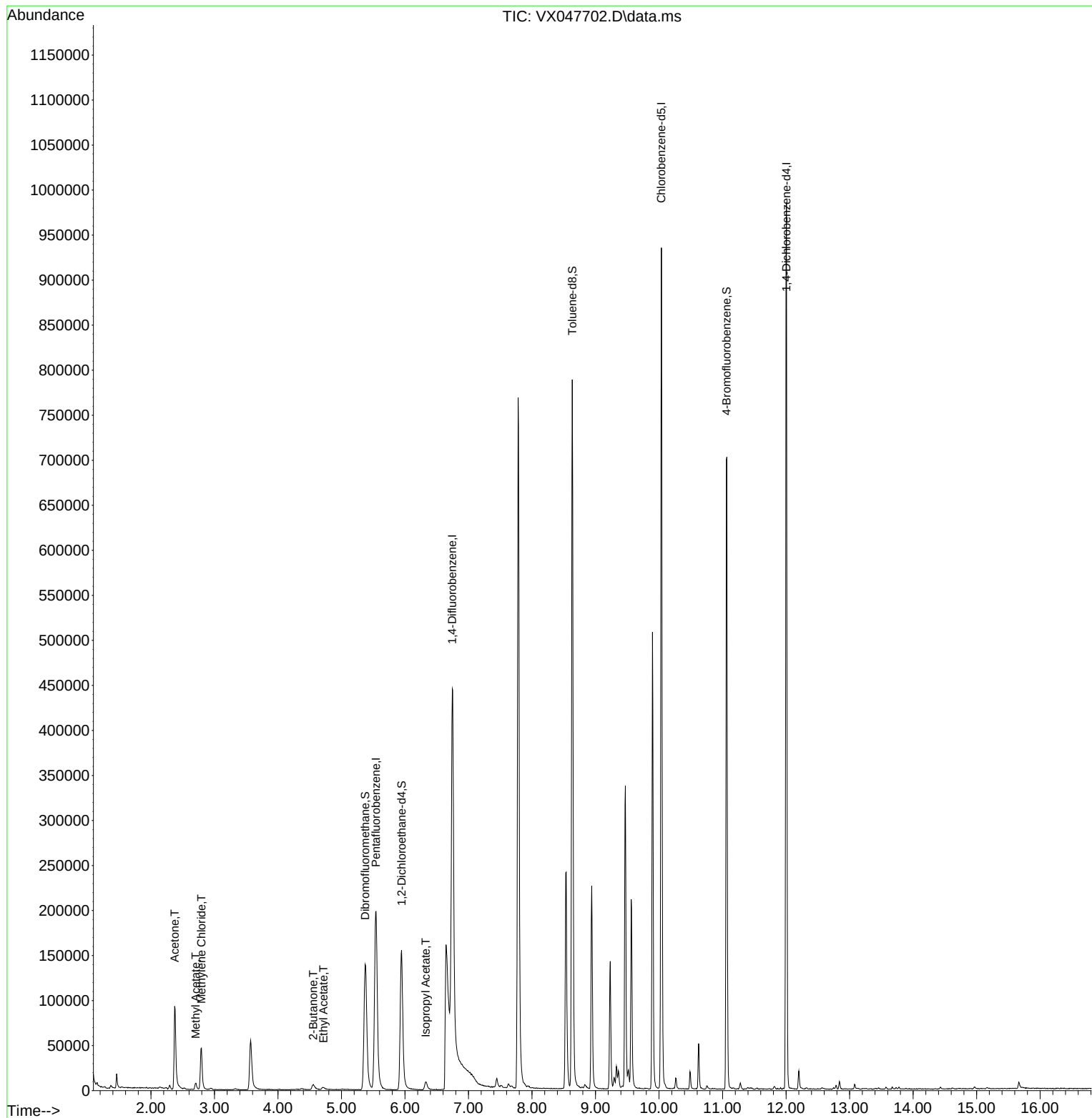
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Data File : VX047702.D
Acq On : 22 Sep 2025 14:28
Operator : JC/MD
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

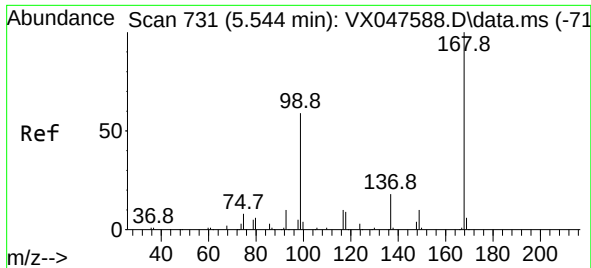
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Quant Time: Sep 23 01:34:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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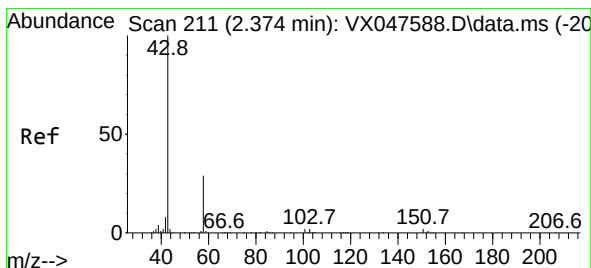
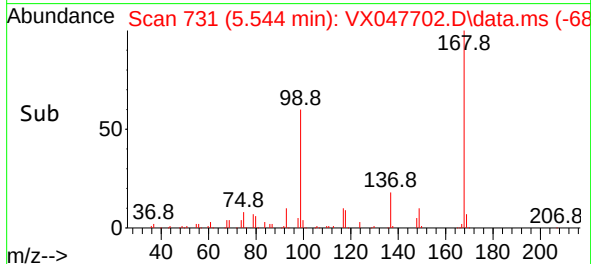
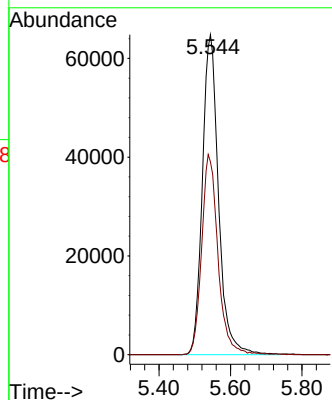
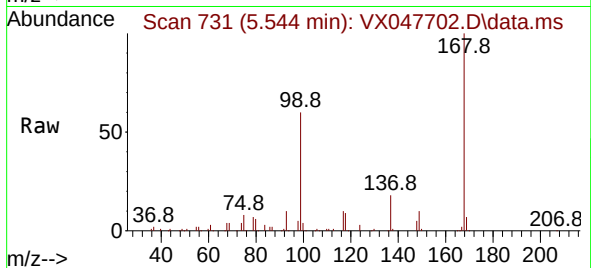
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Tgt Ion:168 Resp: 20304
Ion Ratio Lower Upper
168 100
99 60.3 48.8 73.2

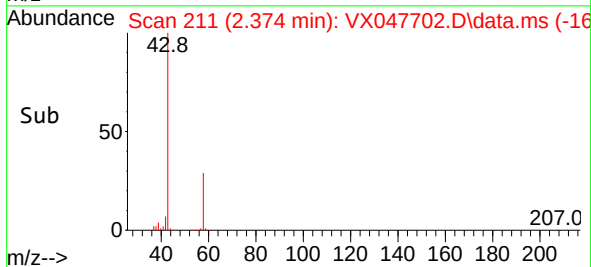
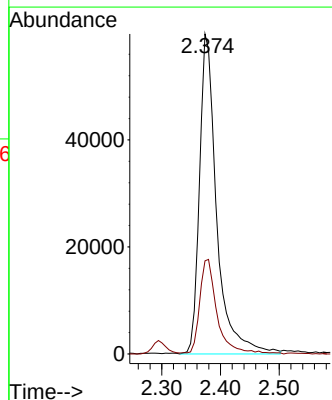
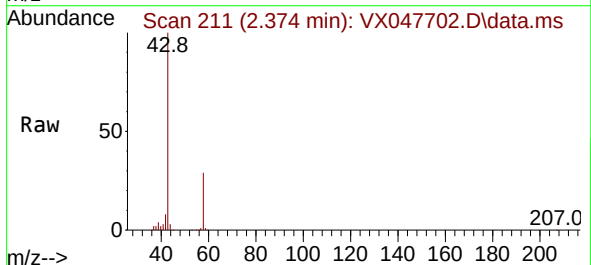
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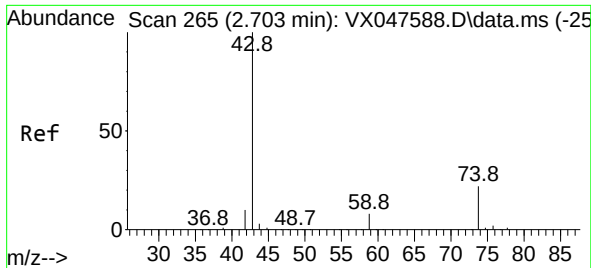
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#16
Acetone
Concen: 86.756 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

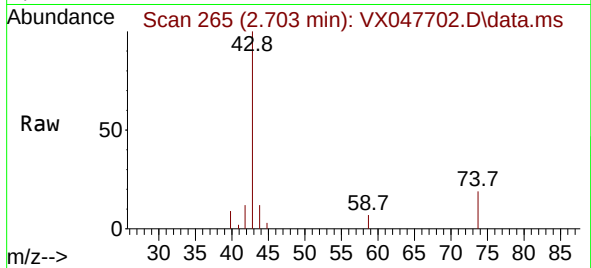
Tgt Ion: 43 Resp: 121916
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.0





#18
Methyl Acetate
Concen: 3.331 ug/l
RT: 2.703 min Scan# 20419
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

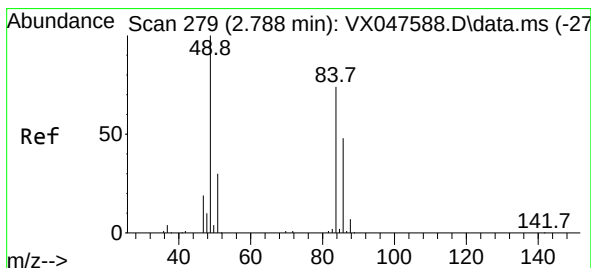
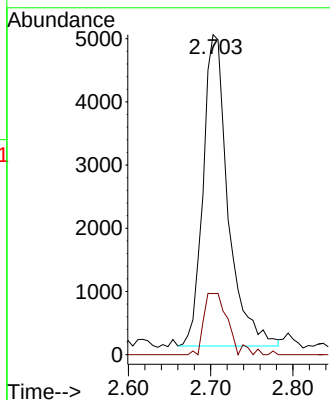
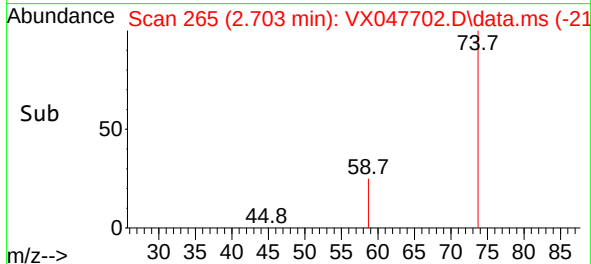
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222



Tgt Ion: 43 Resp: 10419
Ion Ratio Lower Upper
43 100
74 18.9 17.4 26.2

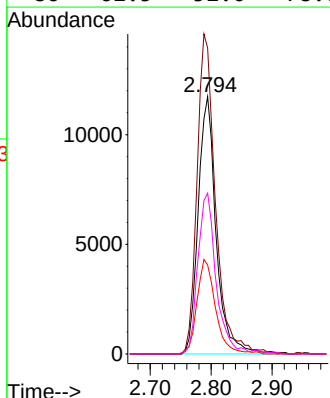
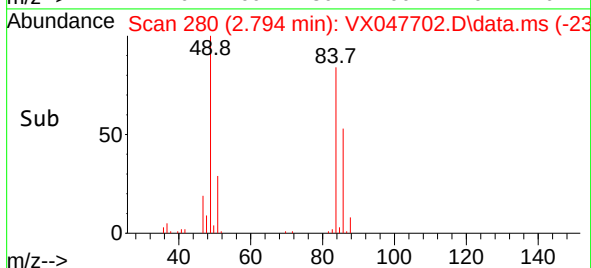
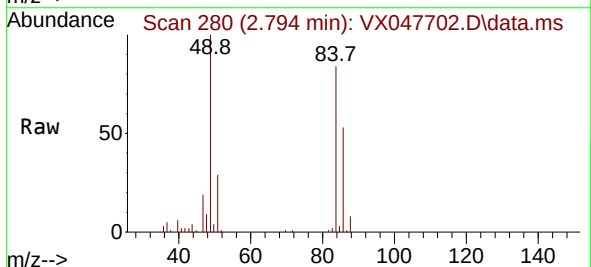
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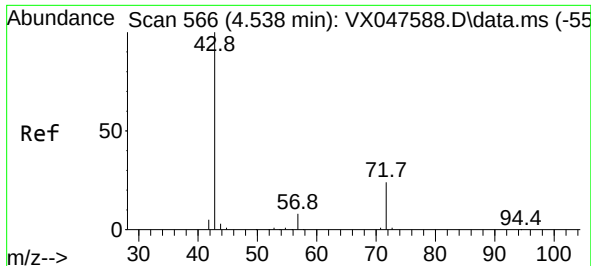
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 8.080 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Tgt Ion: 84 Resp: 24034
Ion Ratio Lower Upper
84 100
49 118.9 108.6 162.8
51 34.6 32.6 48.8
86 62.5 52.0 78.0





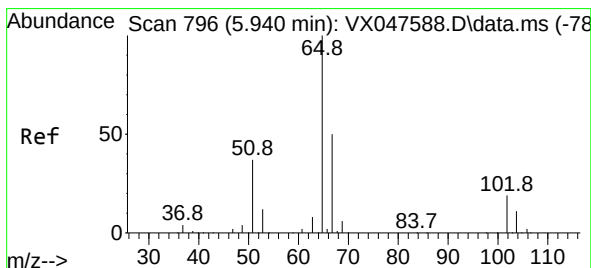
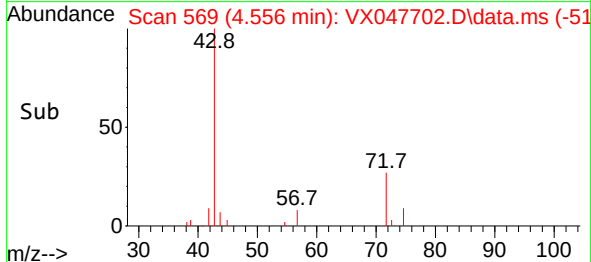
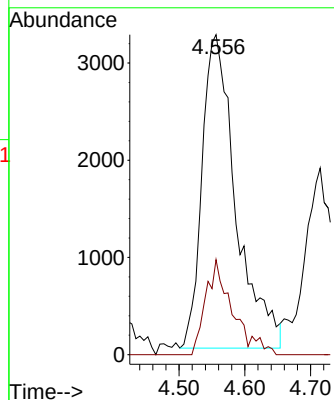
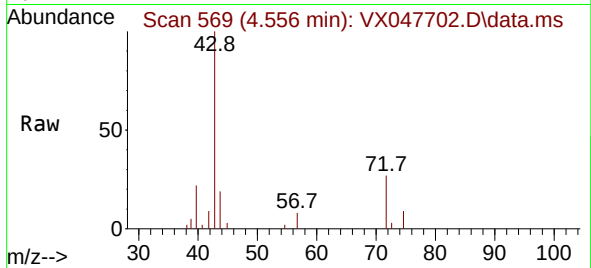
#25
2-Butanone
Concen: 6.578 ug/l
RT: 4.556 min Scan# 509
Delta R.T. 0.018 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Tgt Ion: 43 Resp: 1153
Ion Ratio Lower Upper
43 100
72 25.3 20.1 30.1

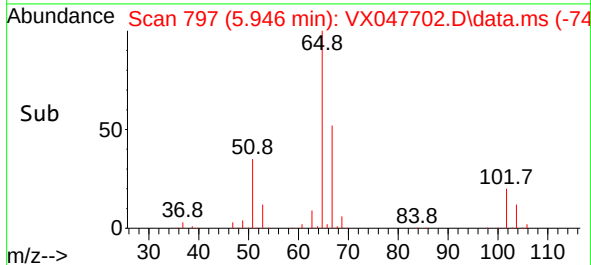
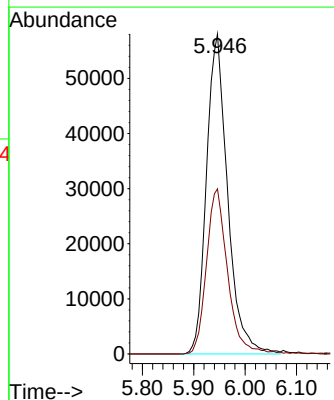
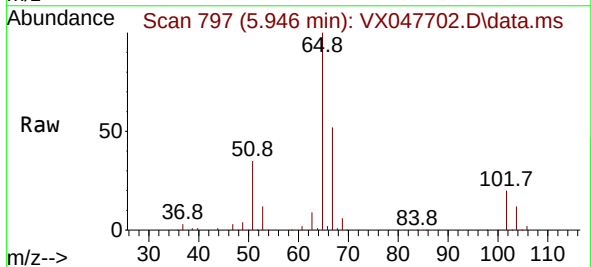
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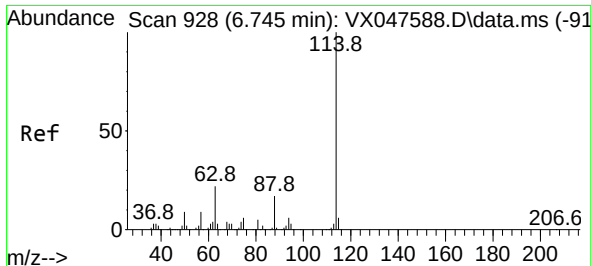
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#33
1,2-Dichloroethane-d4
Concen: 51.236 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Tgt Ion: 65 Resp: 165596
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0





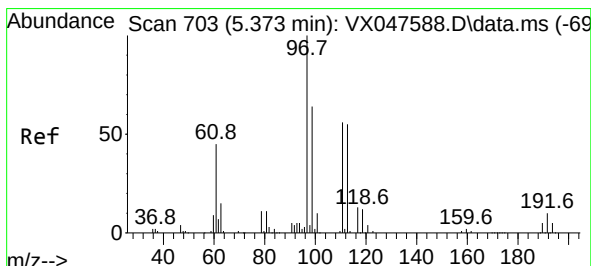
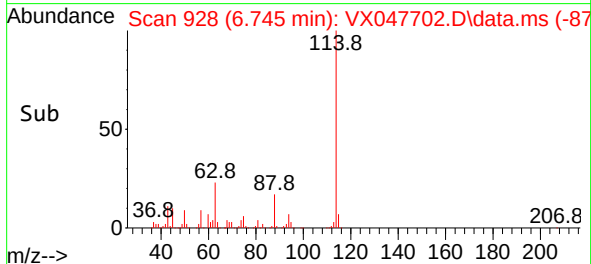
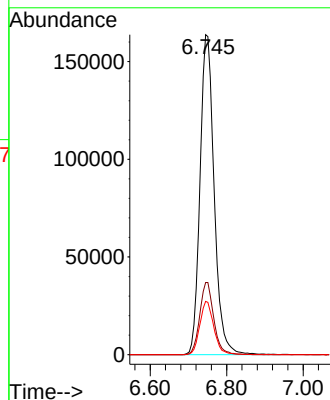
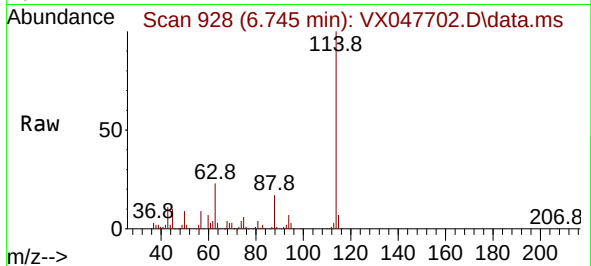
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.745 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Tgt Ion:114 Resp: 421150
Ion Ratio Lower Upper
114 100
63 22.6 0.0 44.0
88 16.6 0.0 34.2

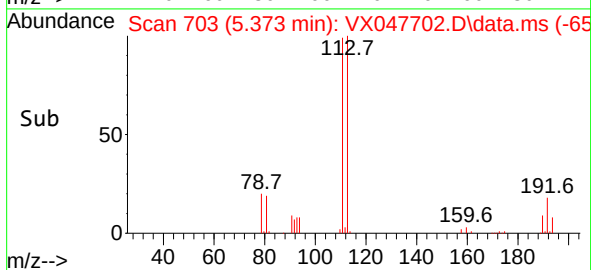
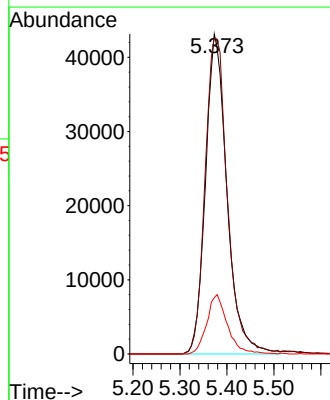
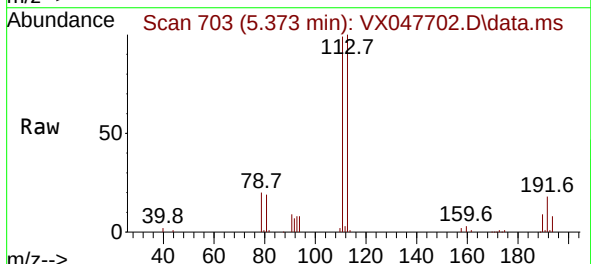
Manual Integrations
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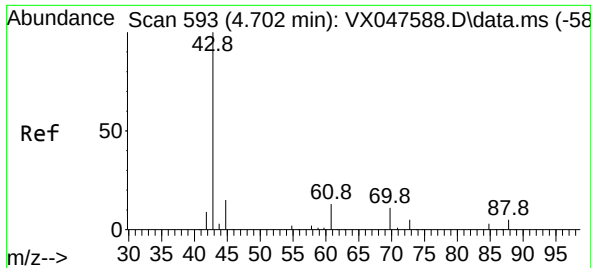
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#35
Dibromofluoromethane
Concen: 48.528 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Tgt Ion:113 Resp: 137068
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 17.8 14.2 21.4





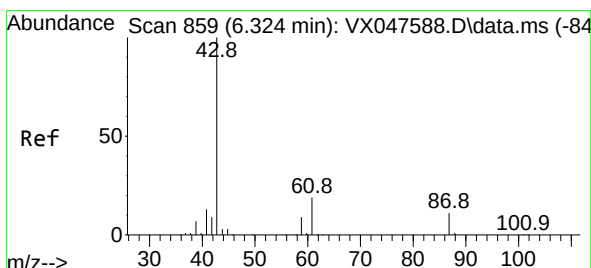
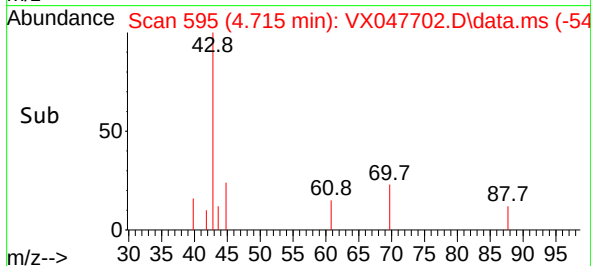
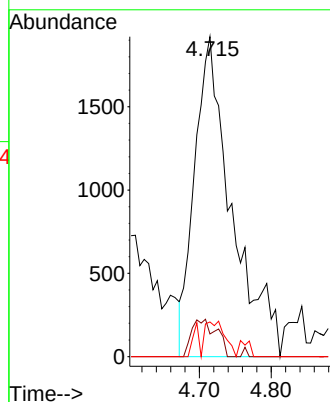
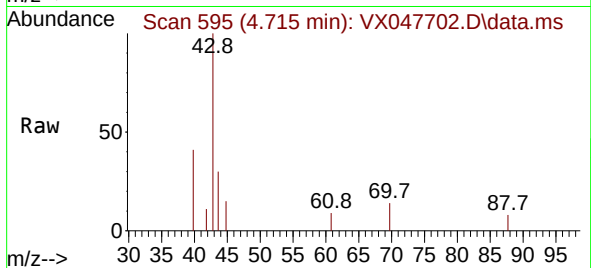
#37
Ethyl Acetate
Concen: 1.560 ug/l m
RT: 4.715 min Scan# 593
Delta R.T. 0.012 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

Instrument :
MSVOA_X
ClientSampleId :
VNJ-222

Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
61 7.8 9.8 14.8
70 5.9 7.9 11.9

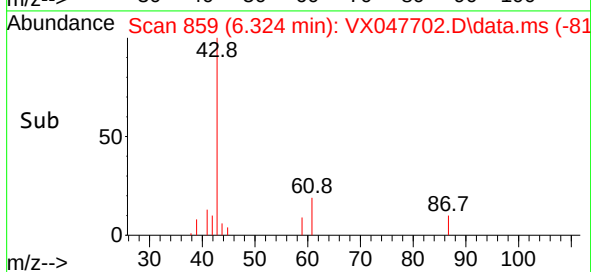
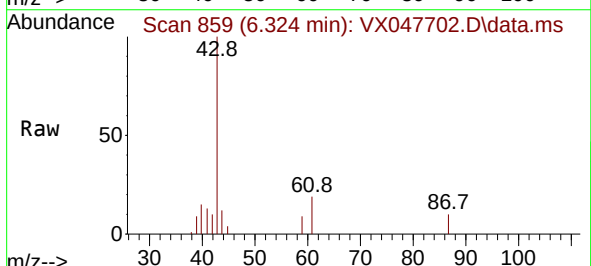
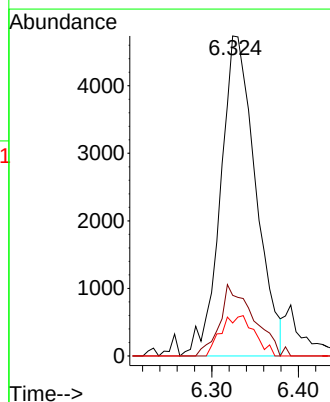
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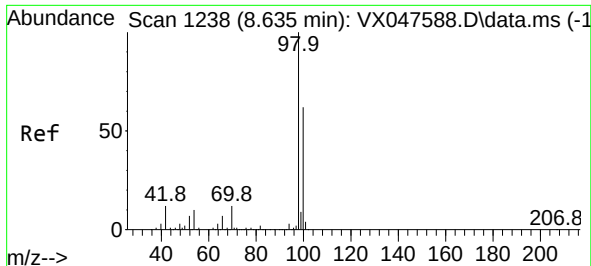
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#43
Isopropyl Acetate
Concen: 1.839 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

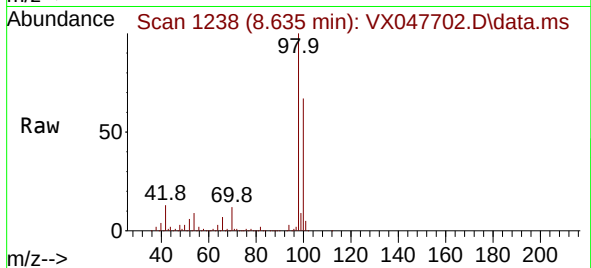
Tgt Ion: 43 Resp: 13325
Ion Ratio Lower Upper
43 100
61 21.5 15.2 22.8
87 12.0 9.6 14.4





#50
Toluene-d8
Concen: 48.746 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

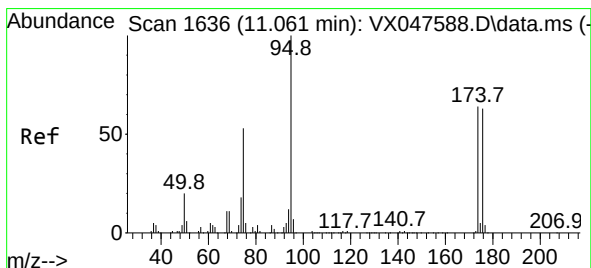
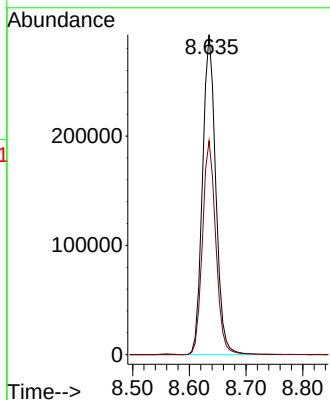
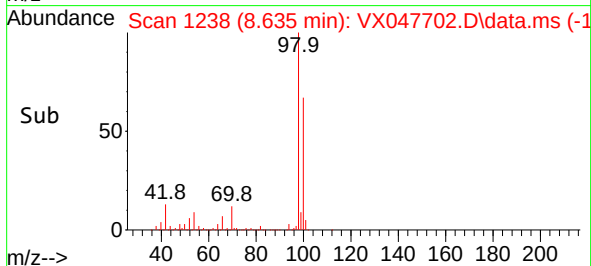
Instrument :
MSVOA_X
ClientSampleId :
VNJ-222



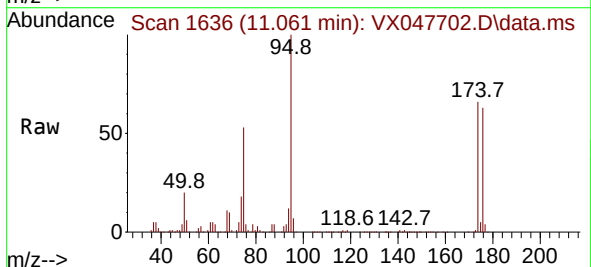
Tgt Ion: 98 Resp: 476410
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

Manual Integrations
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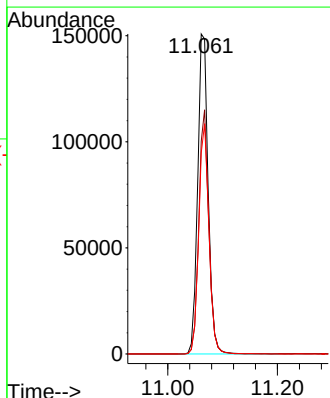
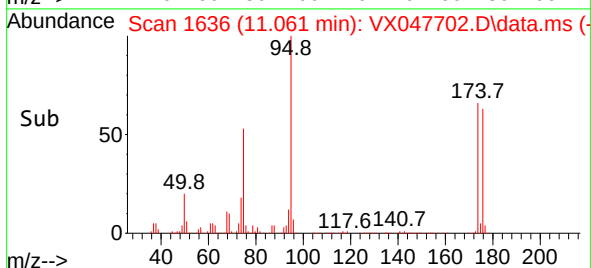
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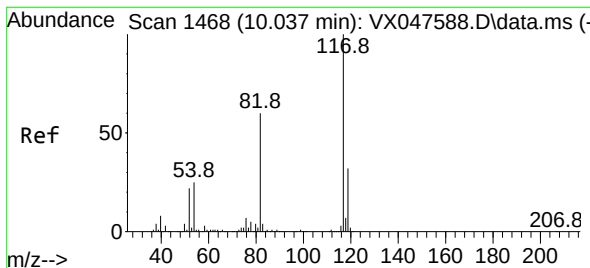


#62
4-Bromofluorobenzene
Concen: 54.303 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28



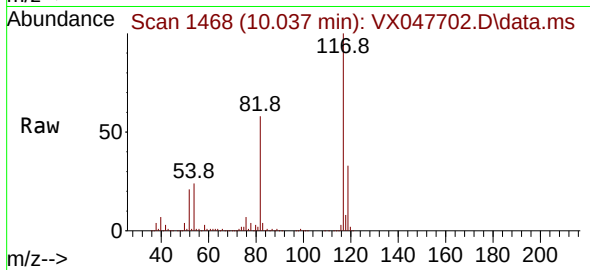
Tgt Ion: 95 Resp: 201420
Ion Ratio Lower Upper
95 100
174 72.1 0.0 141.6
176 69.7 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28

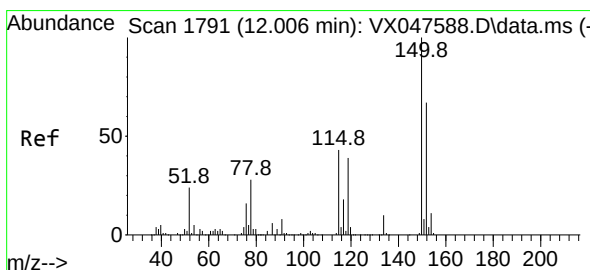
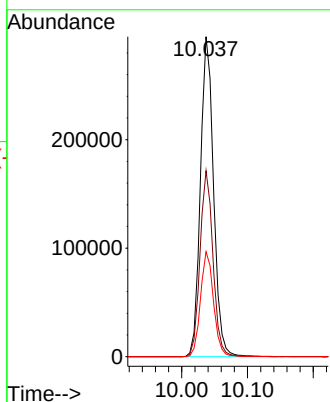
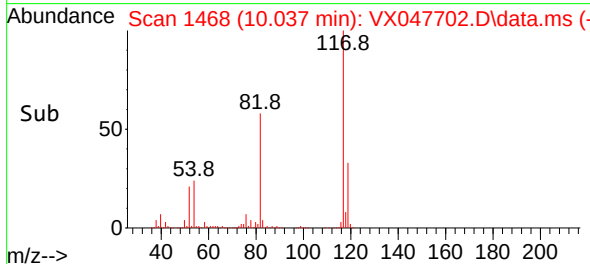
Instrument :
MSVOA_X
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VNJ-222



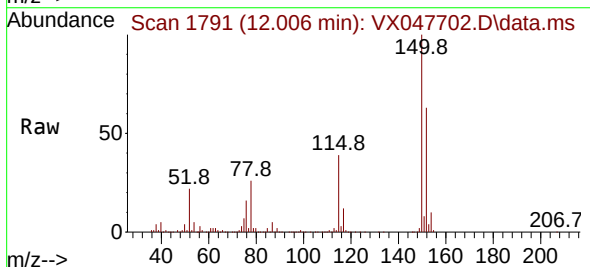
Tgt Ion:117 Resp: 41012
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 32.8 25.2 37.8

Manual Integrations
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Supervised By :Mahesh Dadoda 09/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047702.D
Acq: 22 Sep 2025 14:28



Tgt Ion:152 Resp: 203992
Ion Ratio Lower Upper
152 100
115 63.0 44.9 134.5
150 158.7 0.0 352.0

