

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047704.D
 Acq On : 22 Sep 2025 15:09
 Operator : JC/MD
 Sample : Q3133-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VNJ-210

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 01:35:56 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	170144	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	361472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	358492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	182041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	144855	53.486	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.980%			
35) Dibromofluoromethane	5.379	113	118361	48.824	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.640%			
50) Toluene-d8	8.634	98	406170	48.421	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.840%			
62) 4-Bromofluorobenzene	11.061	95	173608	54.533	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.060%			
Target Compounds					Qvalue	
16) Acetone	2.373	43	112324	95.387	ug/l	98
18) Methyl Acetate	2.703	43	10850	4.140	ug/l	94
20) Methylene Chloride	2.794	84	24319	9.757	ug/l	94
25) 2-Butanone	4.550	43	11310	7.700	ug/l	92
37) Ethyl Acetate	4.714	43	6289m	1.658	ug/l	
43) Isopropyl Acetate	6.324	43	14100	2.267	ug/l	97

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

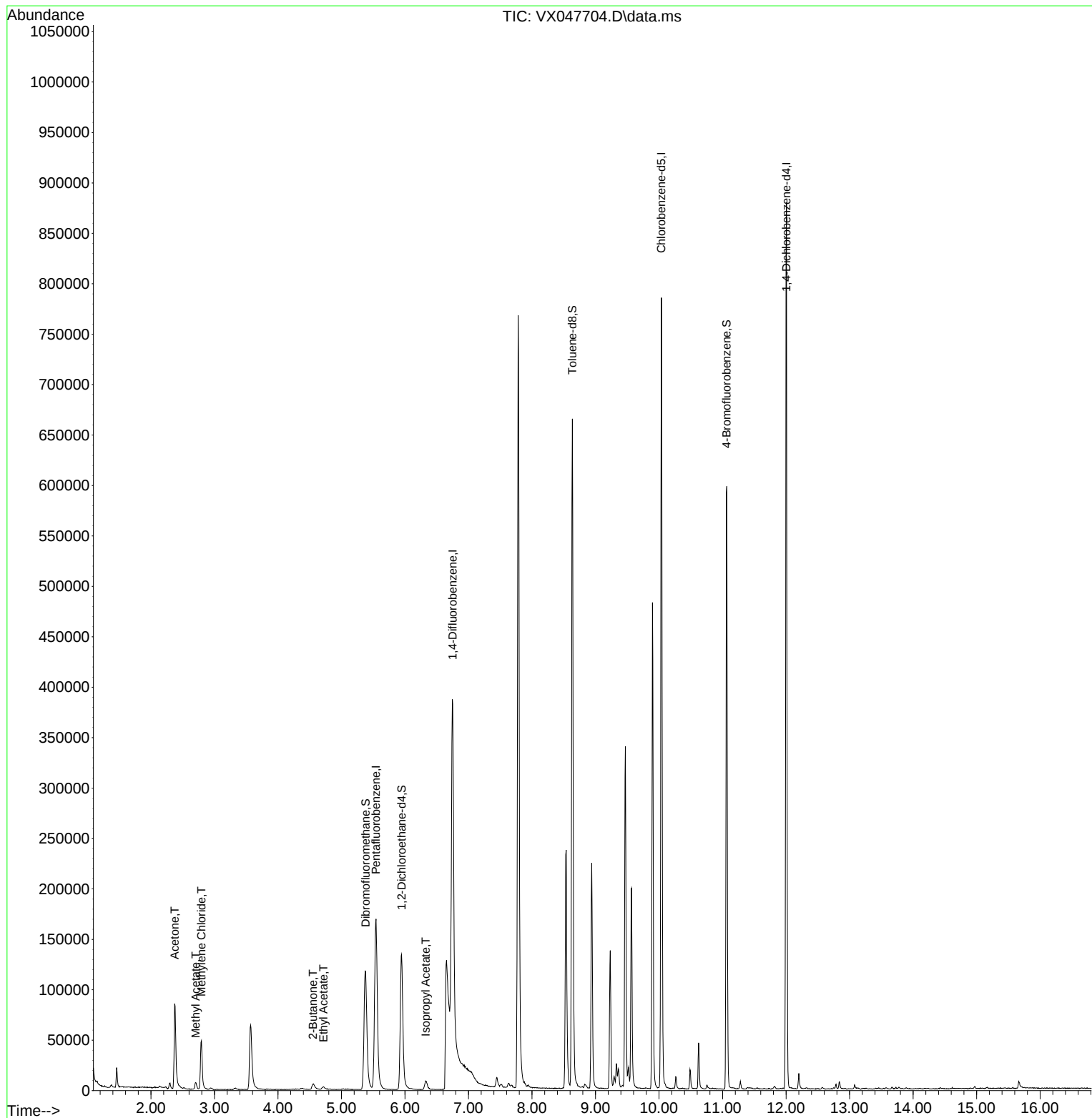
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
Data File : VX047704.D
Acq On : 22 Sep 2025 15:09
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ALS Vial : 17 Sample Multiplier: 1

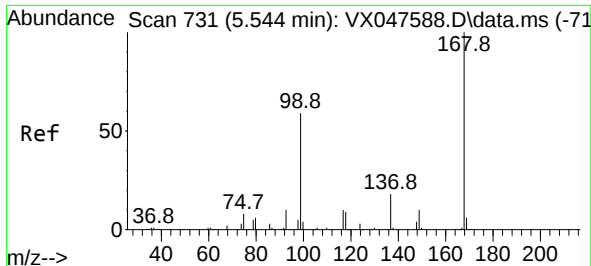
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

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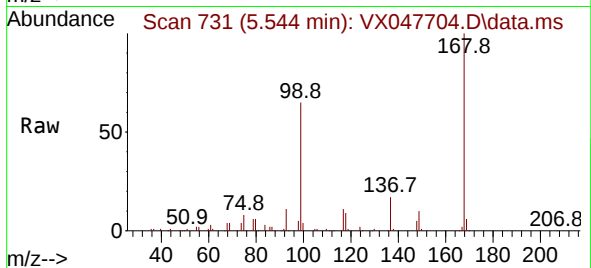
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 17 06:39:58 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

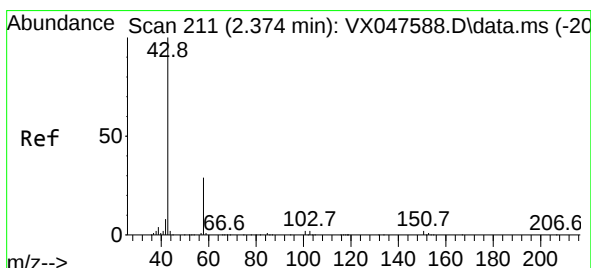
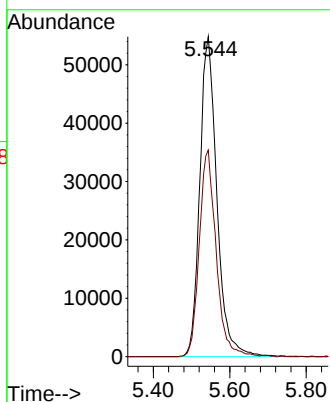
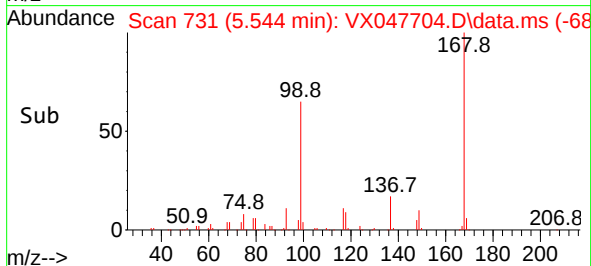
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210



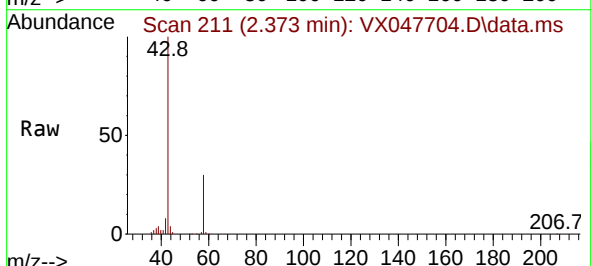
Tgt Ion:168 Resp: 170144
Ion Ratio Lower Upper
168 100
99 64.6 48.8 73.2

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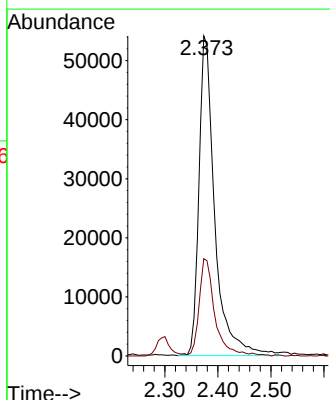
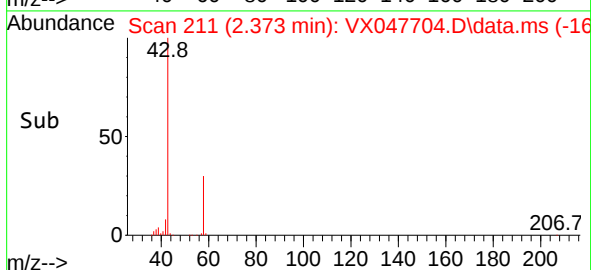
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

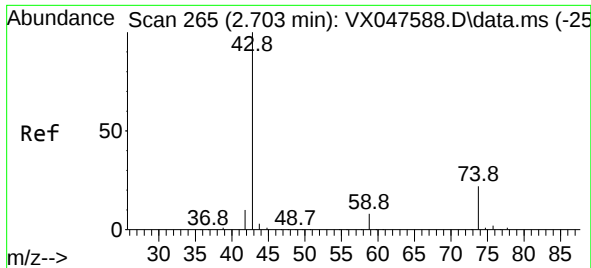


#16
Acetone
Concen: 95.387 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09



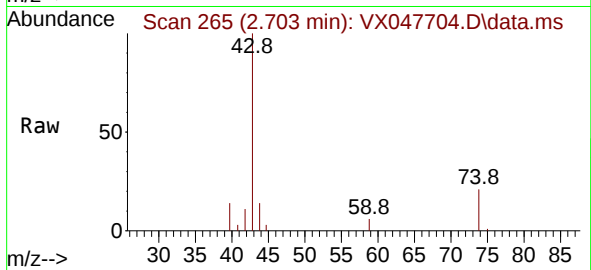
Tgt Ion: 43 Resp: 112324
Ion Ratio Lower Upper
43 100
58 30.5 23.4 35.0





#18
Methyl Acetate
Concen: 4.140 ug/l
RT: 2.703 min Scan# 208
Delta R.T. -0.000 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

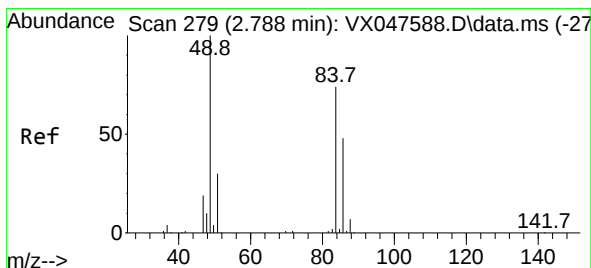
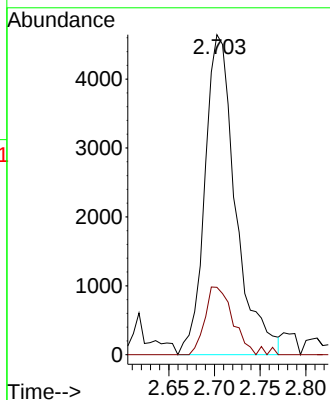
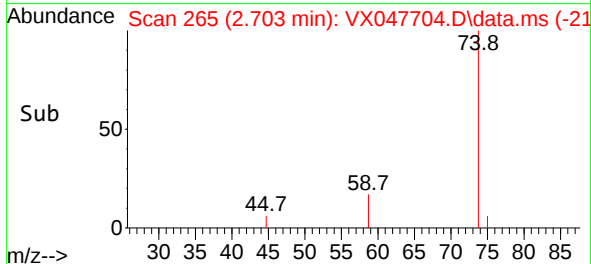
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210



Tgt Ion: 43 Resp: 10850
Ion Ratio Lower Upper
43 100
74 19.0 17.4 26.2

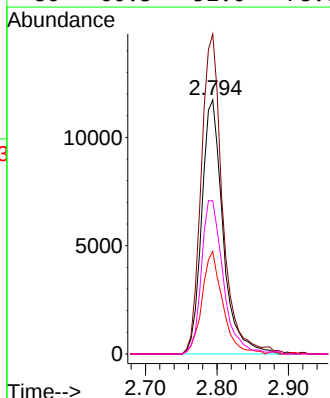
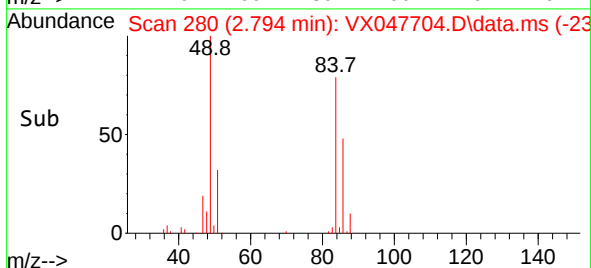
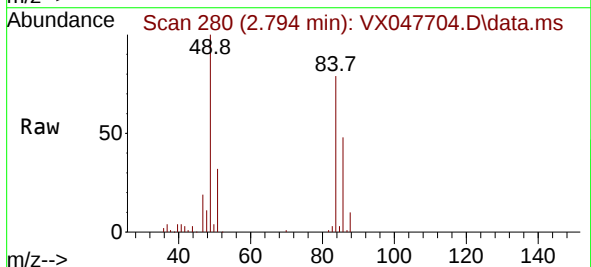
Manual Integrations
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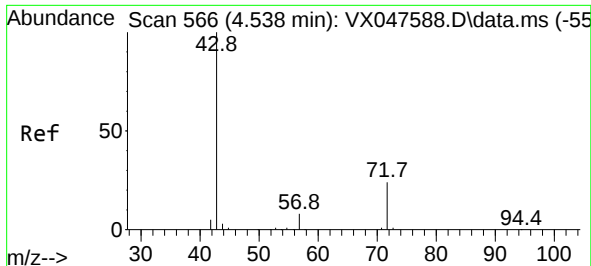
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 9.757 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

Tgt Ion: 84 Resp: 24319
Ion Ratio Lower Upper
84 100
49 126.0 108.6 162.8
51 40.4 32.6 48.8
86 60.3 52.0 78.0





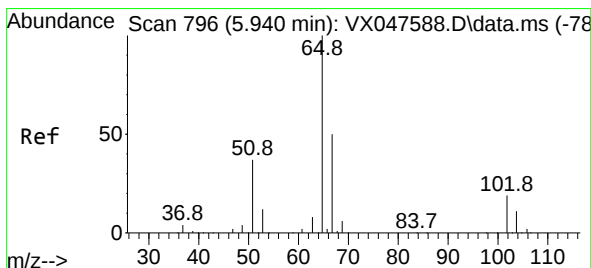
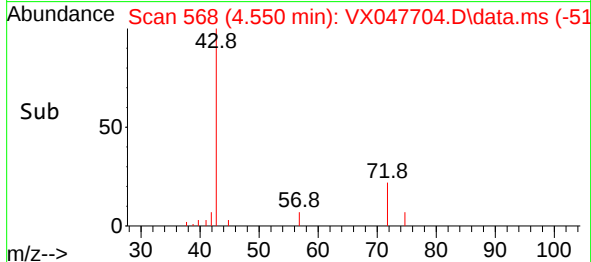
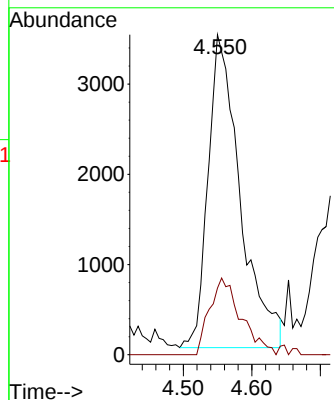
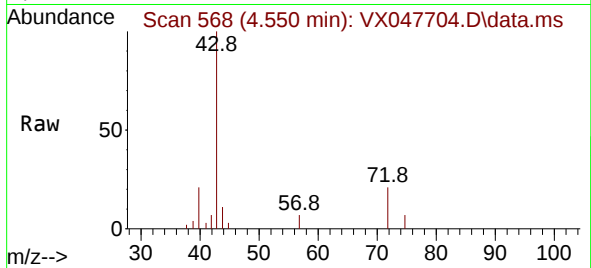
#25
2-Butanone
Concen: 7.700 ug/l
RT: 4.550 min Scan# 50
Delta R.T. 0.012 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

Instrument :
MSVOA_X
ClientSampleId :
VNJ-210

Tgt Ion: 43 Resp: 11310
Ion Ratio Lower Upper
43 100
72 21.3 20.1 30.1

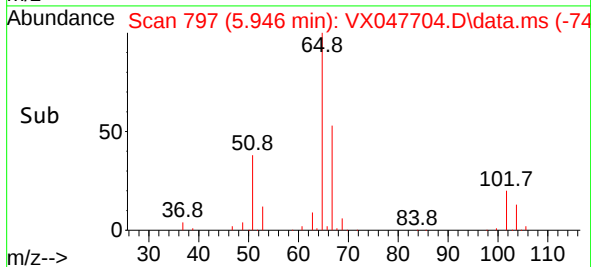
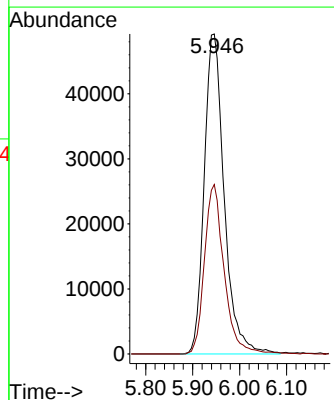
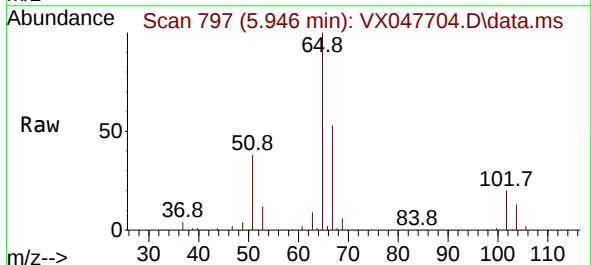
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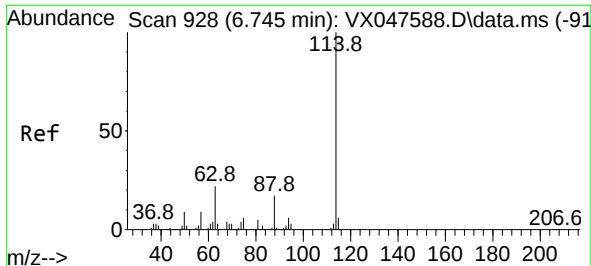
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#33
1,2-Dichloroethane-d4
Concen: 53.486 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

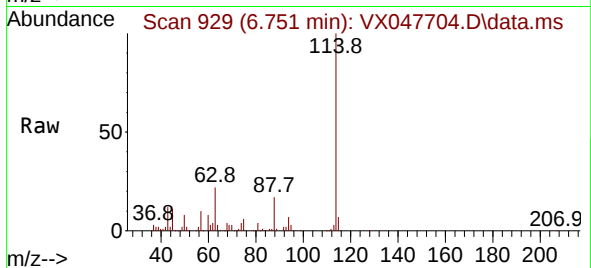
Tgt Ion: 65 Resp: 144855
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

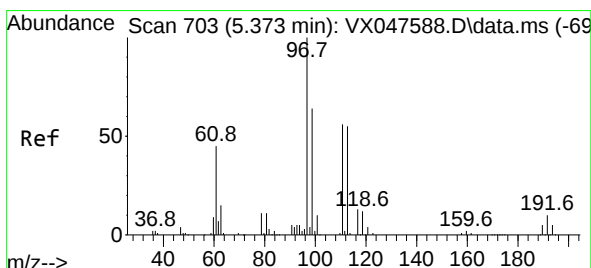
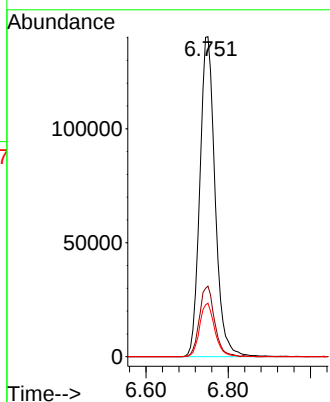
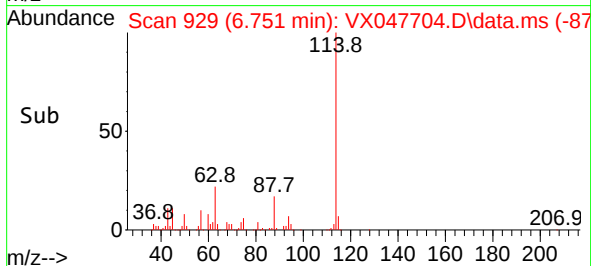
Instrument :
MSVOA_X
ClientSampleId :
VNJ-210



Tgt Ion:114 Resp: 361472
Ion Ratio Lower Upper
114 100
63 22.0 0.0 44.0
88 16.7 0.0 34.2

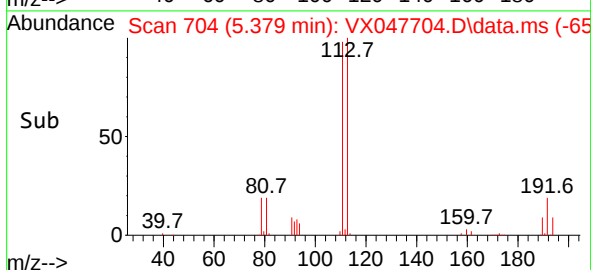
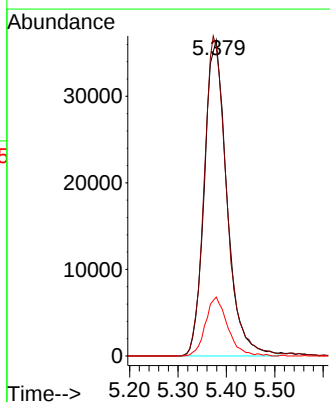
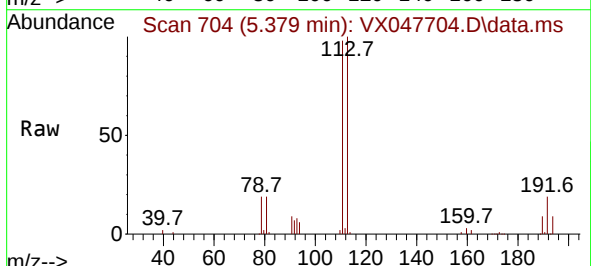
Manual Integrations
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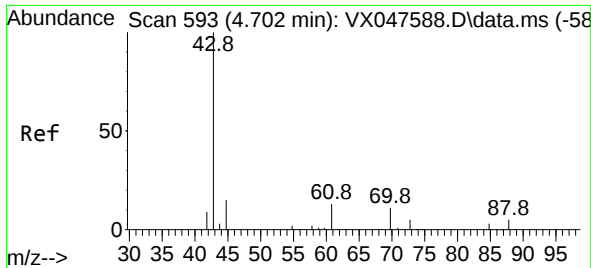
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#35
Dibromofluoromethane
Concen: 48.824 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

Tgt Ion:113 Resp: 118361
Ion Ratio Lower Upper
113 100
111 101.1 80.9 121.3
192 18.3 14.2 21.4





#37

Ethyl Acetate

Concen: 1.658 ug/l m

RT: 4.714 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX047704.D

Acq: 22 Sep 2025 15:09

Instrument :

MSVOA_X

ClientSampleId :

VNJ-210

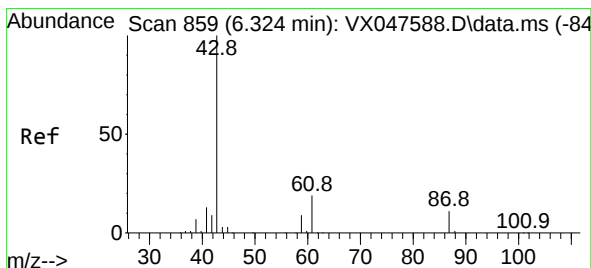
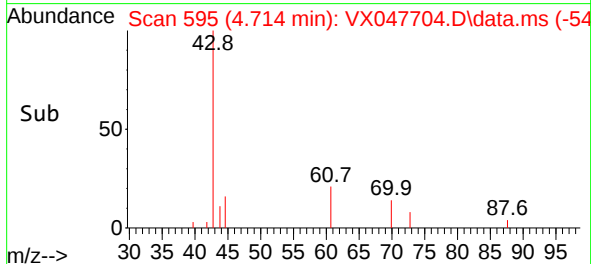
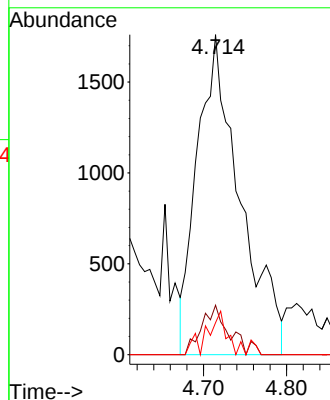
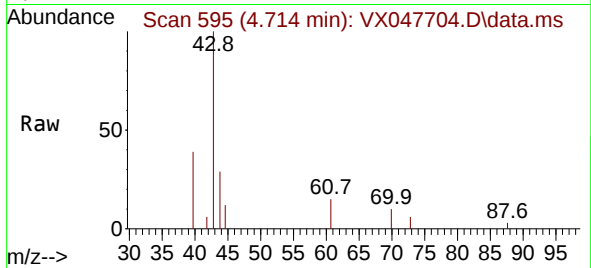
Tgt Ion:	43	Resp:	6289
Ion	Ratio	Lower	Upper
43	100		
61	9.3	9.8	14.8
70	5.1	7.9	11.9

Manual Integrations

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Supervised By :Mahesh Dadoda 09/24/2025



#43

Isopropyl Acetate

Concen: 2.267 ug/l

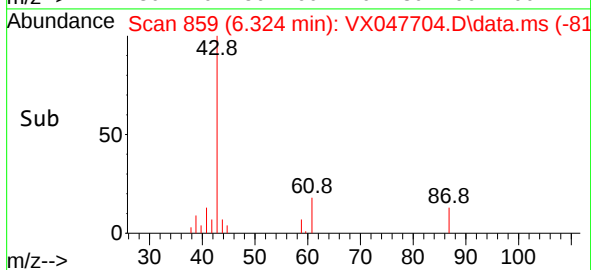
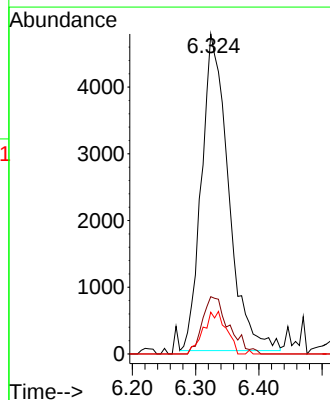
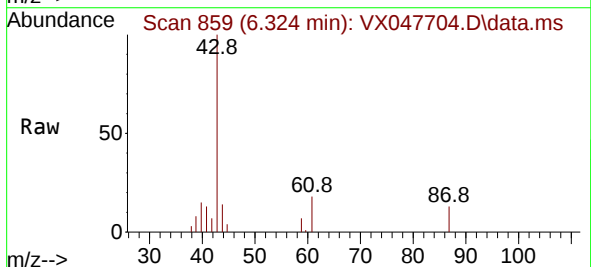
RT: 6.324 min Scan# 859

Delta R.T. -0.000 min

Lab File: VX047704.D

Acq: 22 Sep 2025 15:09

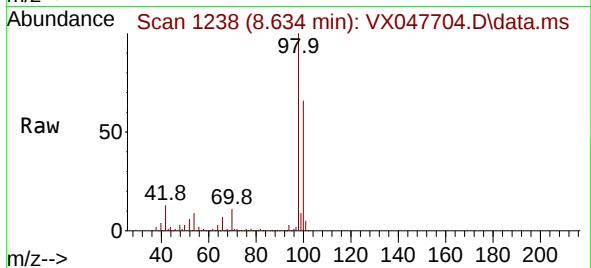
Tgt Ion:	43	Resp:	14100
Ion	Ratio	Lower	Upper
43	100		
61	17.6	15.2	22.8
87	11.3	9.6	14.4





#50
Toluene-d8
Concen: 48.421 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

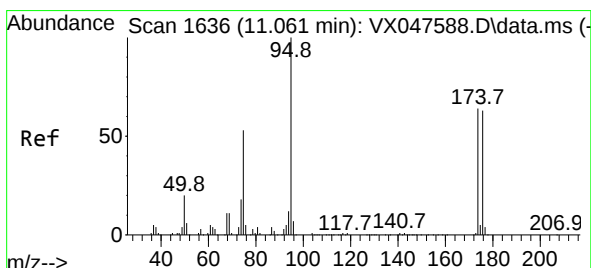
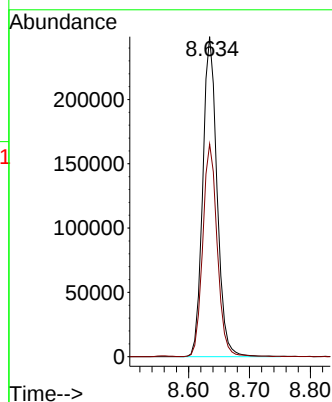
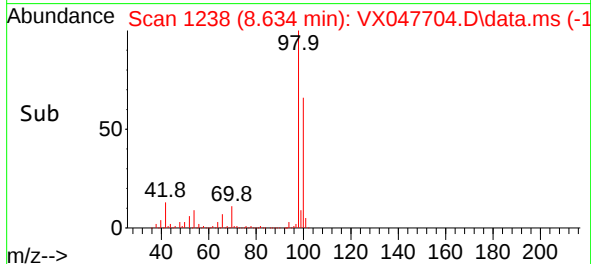
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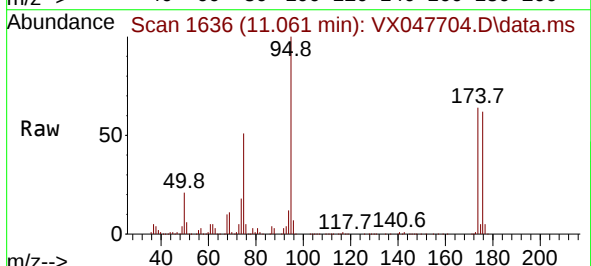
Tgt Ion: 98 Resp: 406170
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.4

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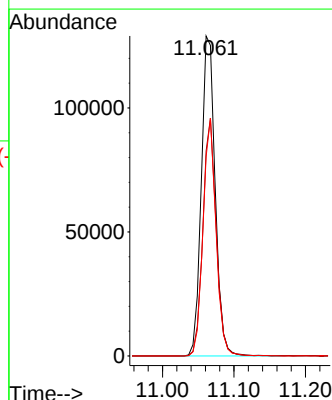
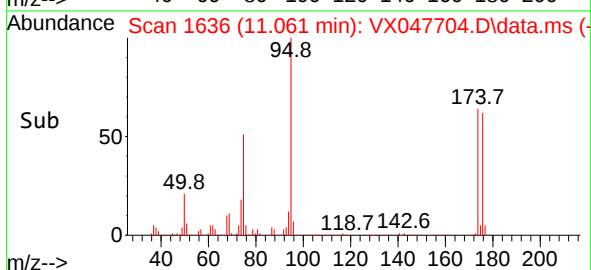
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

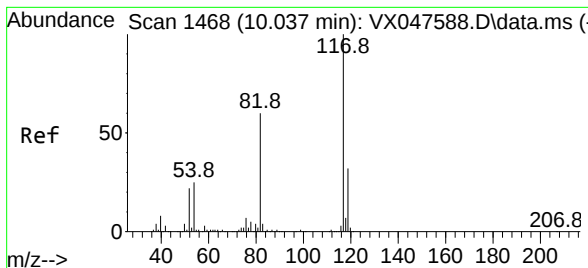


#62
4-Bromofluorobenzene
Concen: 54.533 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09



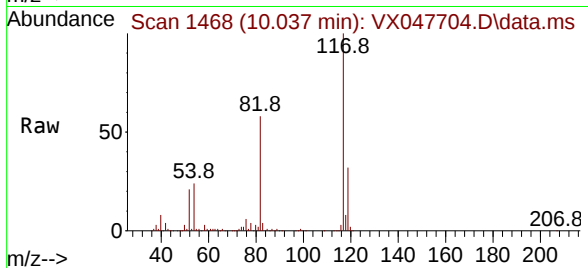
Tgt Ion: 95 Resp: 173608
Ion Ratio Lower Upper
95 100
174 71.7 0.0 141.6
176 69.7 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047704.D
Acq: 22 Sep 2025 15:09

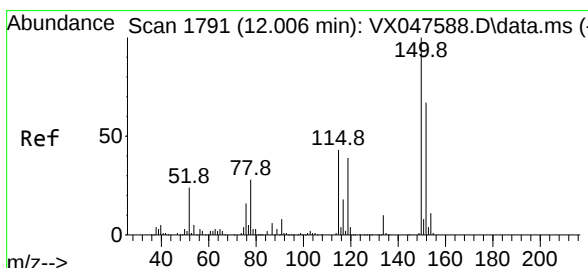
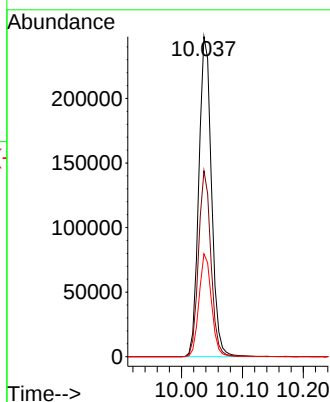
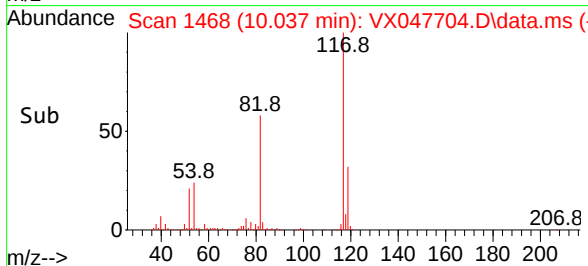
Instrument :
MSVOA_X
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VNJ-210



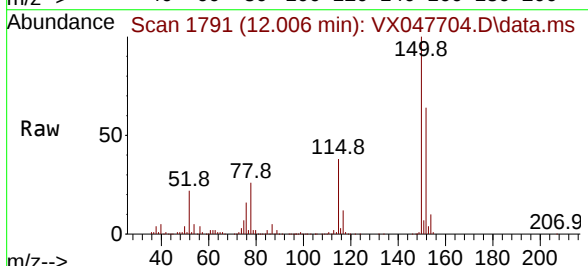
Tgt Ion:117 Resp: 358492
Ion Ratio Lower Upper
117 100
82 58.1 47.8 71.6
119 32.2 25.2 37.8

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: VX047704.D
Acq: 22 Sep 2025 15:09



Tgt Ion:152 Resp: 182041
Ion Ratio Lower Upper
152 100
115 62.4 44.9 134.5
150 156.8 0.0 352.0

