

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
 Data File : VX048265.D
 Acq On : 21 Oct 2025 13:40
 Operator : JC/MD
 Sample : Q3374-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-4-WC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2025
 Supervised By : Mahesh Dadoda 10/24/2025

Quant Time: Oct 24 04:26:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 20 14:13:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	189633	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	201755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	100673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69565	51.388	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.780%			
35) Dibromofluoromethane	5.379	113	60537	46.761	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.520%			
50) Toluene-d8	8.634	98	213644	47.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 94.160%			
62) 4-Bromofluorobenzene	11.061	95	89213	51.679	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.360%			
Target Compounds						
16) Acetone	2.380	43	10129	21.811	ug/l	99
18) Methyl Acetate	2.703	43	4452	4.590	ug/l	97
20) Methylene Chloride	2.794	84	6302	5.569	ug/l	88
25) 2-Butanone	4.556	43	5026	8.550	ug/l #	89
37) Ethyl Acetate	4.721	43	3318m	2.175	ug/l	
43) Isopropyl Acetate	6.324	43	6313	2.520	ug/l #	90

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

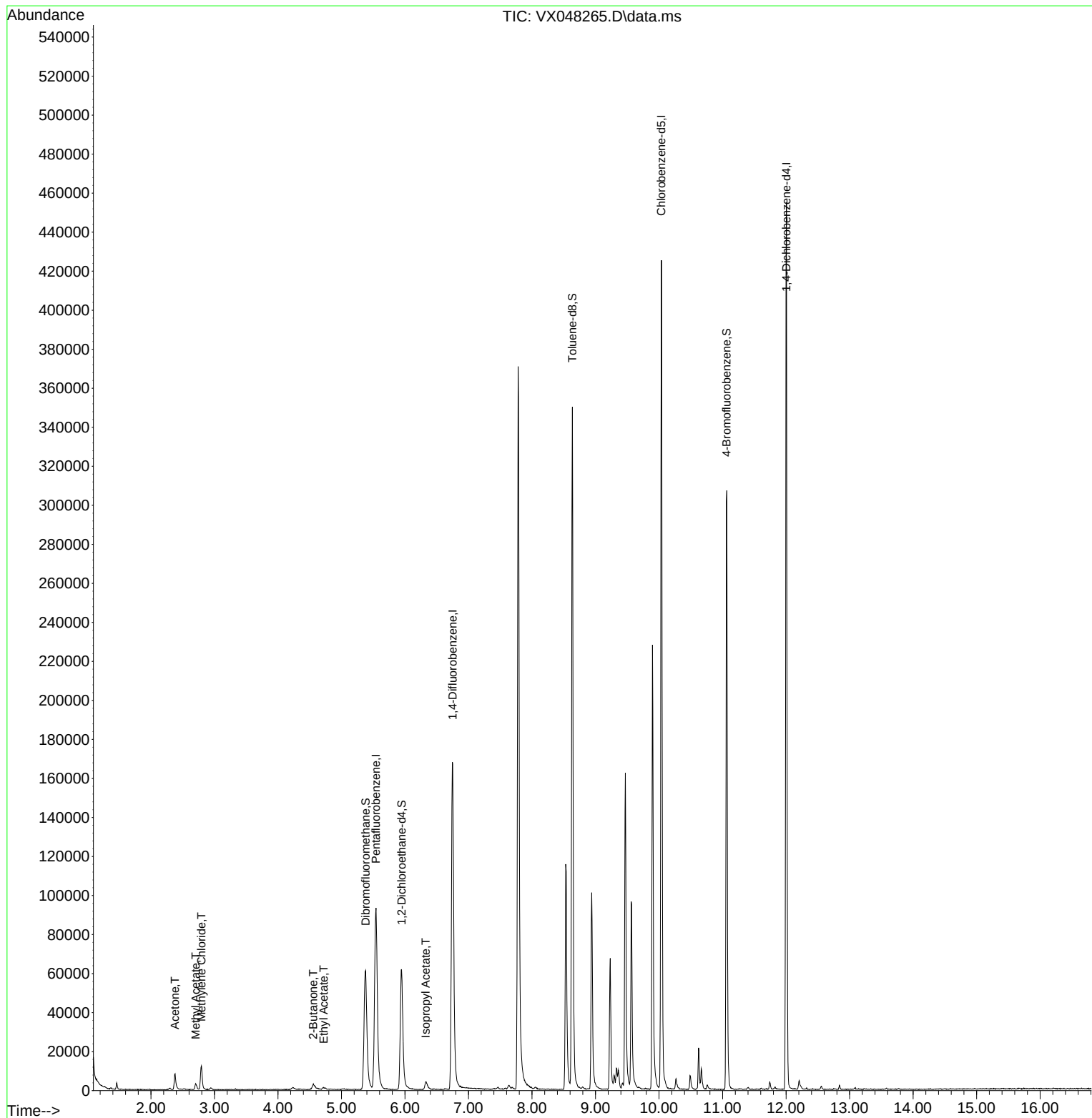
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102125\
Data File : VX048265.D
Acq On : 21 Oct 2025 13:40
Operator : JC/MD
Sample : Q3374-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

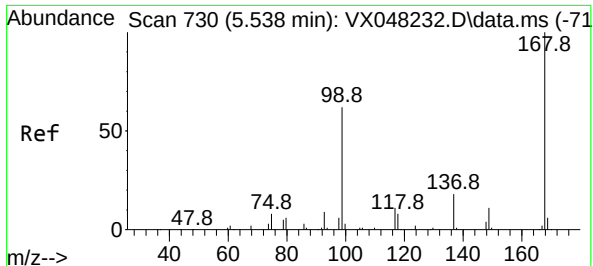
Instrument :
MSVOA_X
ClientSampleId :
TP-4-WC

Quant Time: Oct 24 04:26:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102025W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 20 14:13:59 2025
Response via : Initial Calibration

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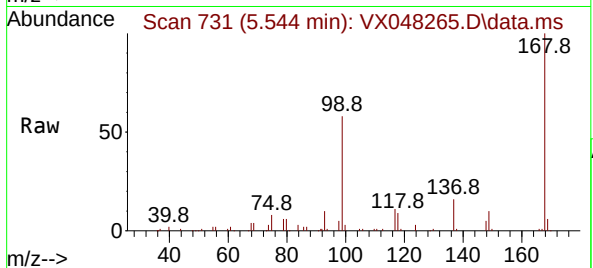
Reviewed By : John Carlone 10/24/2025
Supervised By : Mahesh Dadoda 10/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

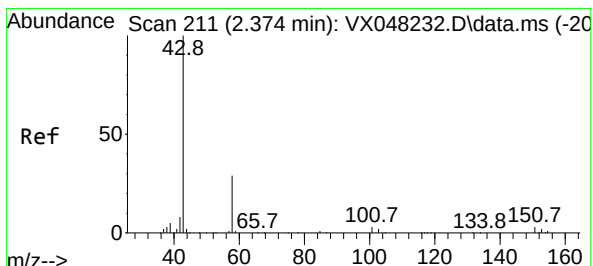
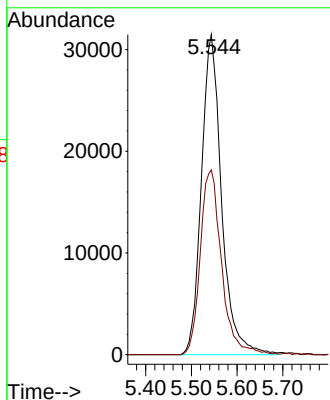
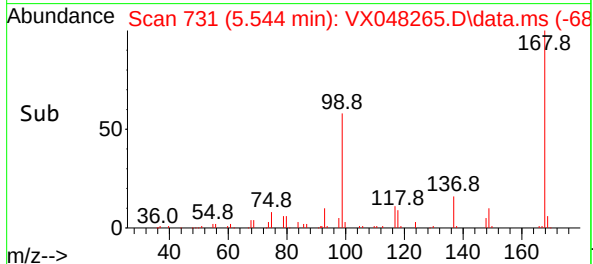
Instrument :
MSVOA_X
ClientSampleId :
TP-4-WC



Tgt Ion:168 Resp: 9655
Ion Ratio Lower Upper
168 100
99 57.8 46.4 69.6

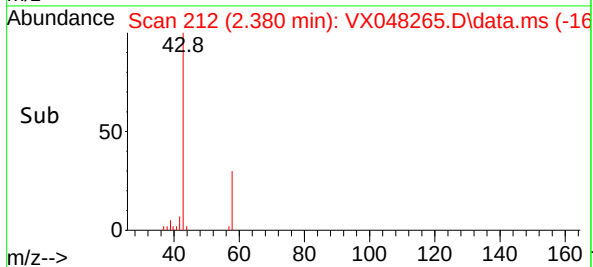
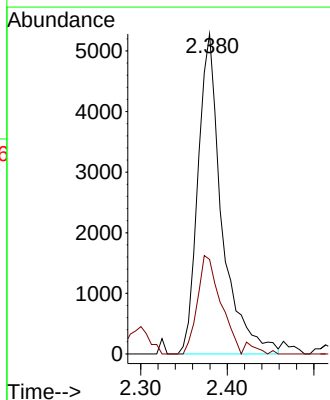
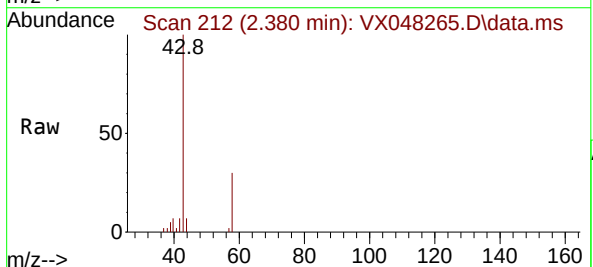
Manual Integrations
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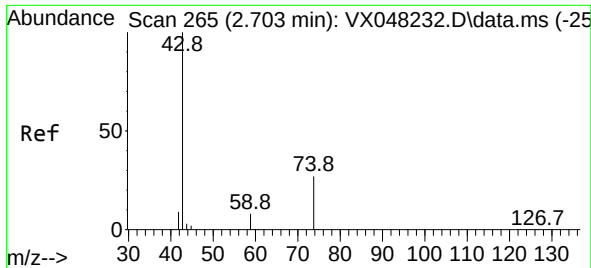
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#16
Acetone
Concen: 21.811 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

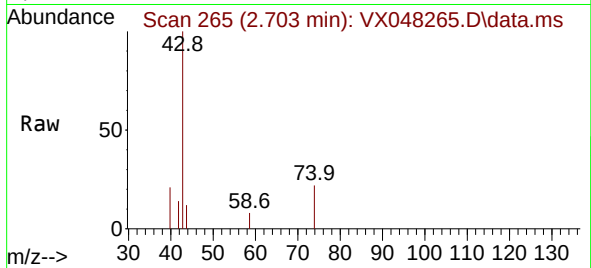
Tgt Ion: 43 Resp: 10129
Ion Ratio Lower Upper
43 100
58 30.0 23.4 35.2





#18
Methyl Acetate
Concen: 4.590 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

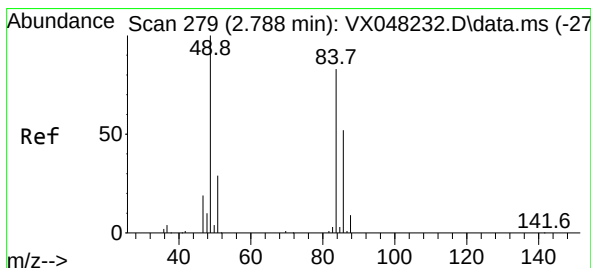
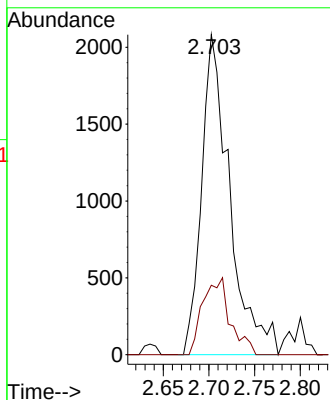
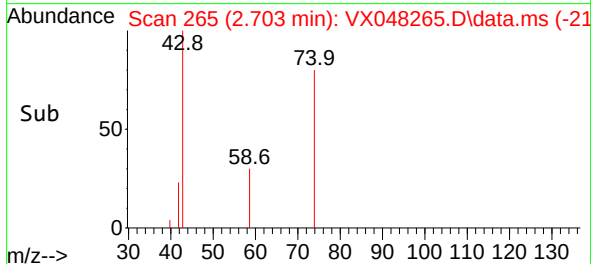
Instrument :
MSVOA_X
ClientSampleId :
TP-4-WC



Tgt Ion: 43 Resp: 445
Ion Ratio Lower Upper
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74 23.5 17.5 26.3

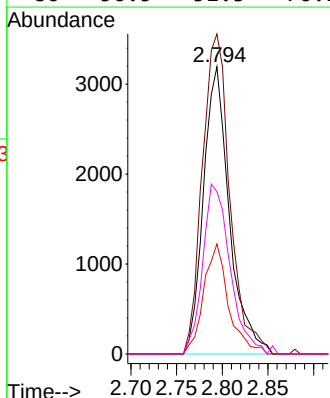
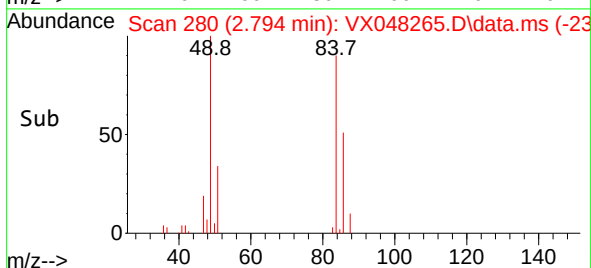
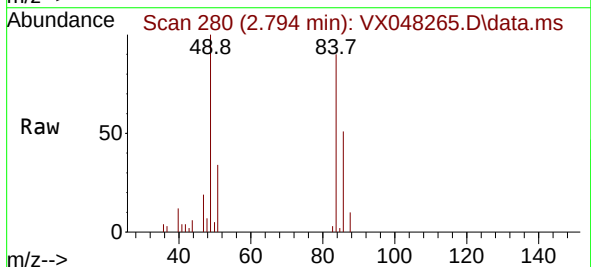
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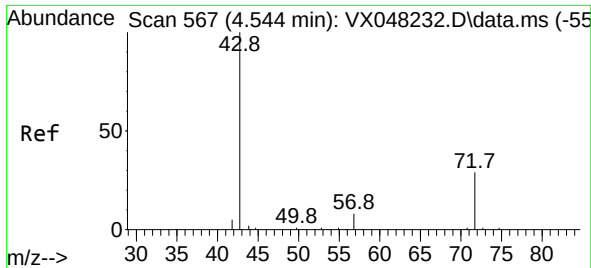
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#20
Methylene Chloride
Concen: 5.569 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

Tgt Ion: 84 Resp: 6302
Ion Ratio Lower Upper
84 100
49 111.4 104.1 156.1
51 38.3 31.3 46.9
86 56.5 51.3 76.9





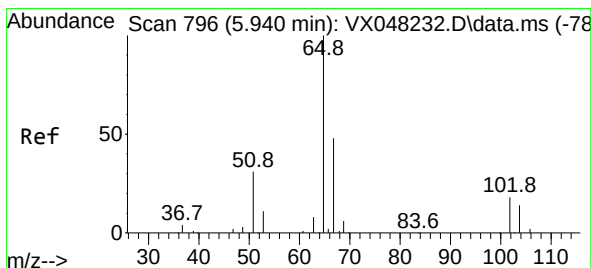
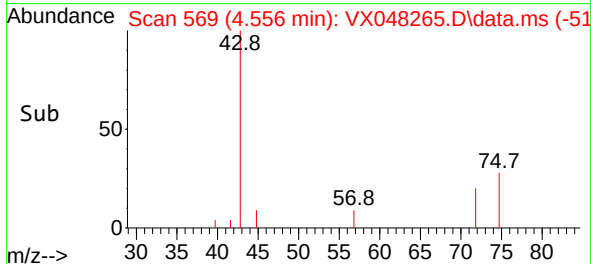
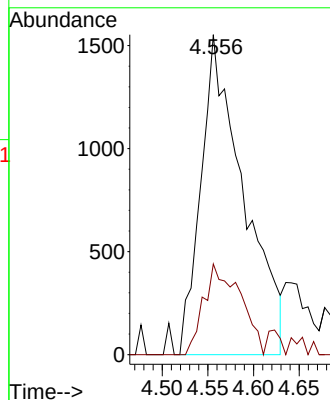
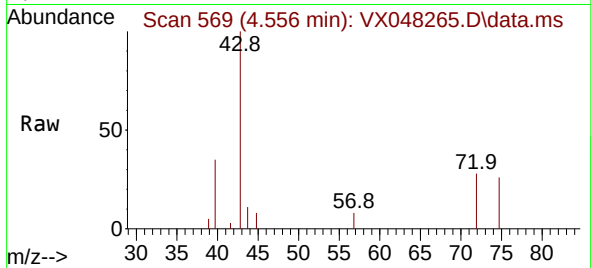
#25
2-Butanone
Concen: 8.550 ug/l
RT: 4.556 min Scan# 502
Delta R.T. 0.018 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

Instrument :
MSVOA_X
ClientSampleId :
TP-4-WC

Tgt Ion: 43 Resp: 5020
Ion Ratio Lower Upper
43 100
72 30.2 19.9 29.9

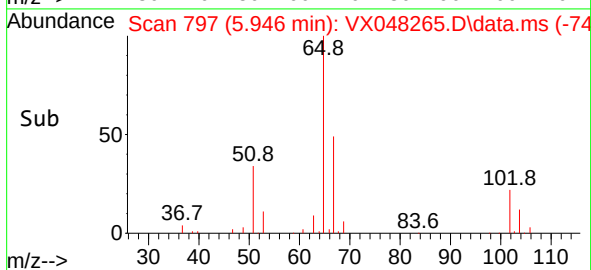
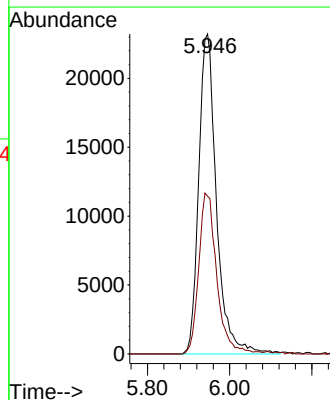
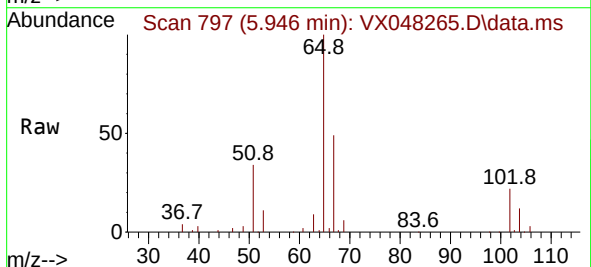
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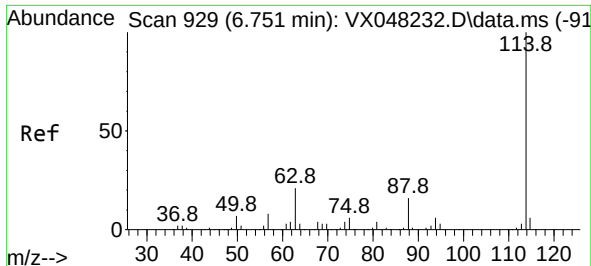
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#33
1,2-Dichloroethane-d4
Concen: 51.388 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

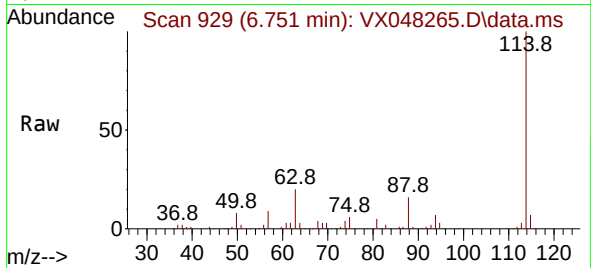
Tgt Ion: 65 Resp: 69565
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

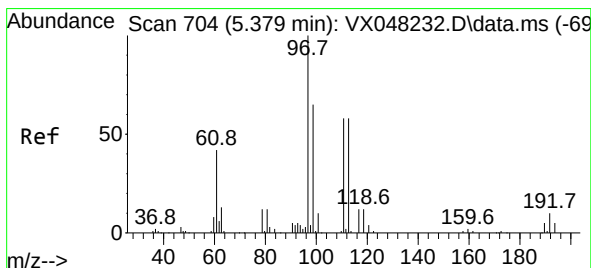
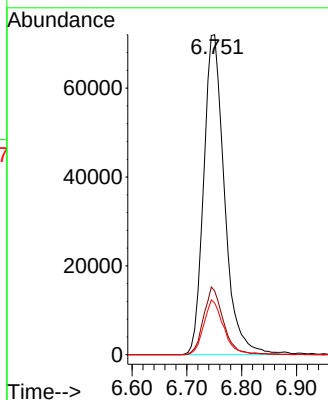
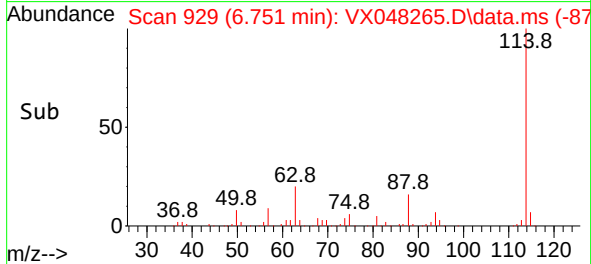
Instrument :
MSVOA_X
ClientSampleId :
TP-4-WC



Tgt Ion:114 Resp: 18963
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.2
88 16.1 0.0 33.6

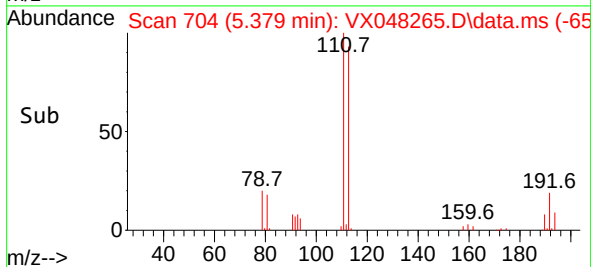
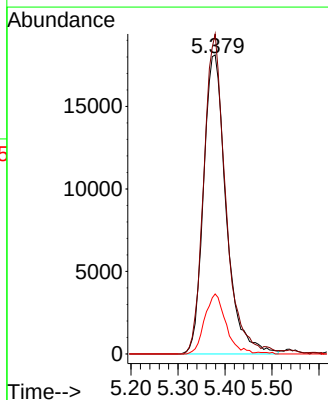
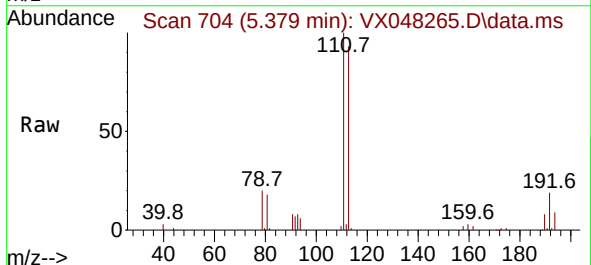
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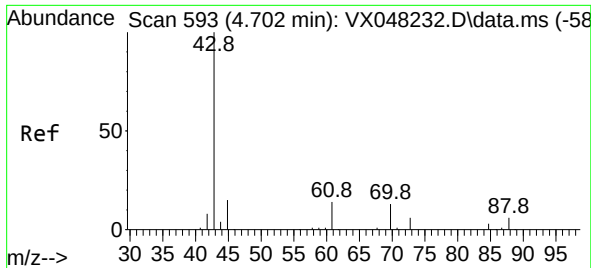
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#35
Dibromofluoromethane
Concen: 46.761 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

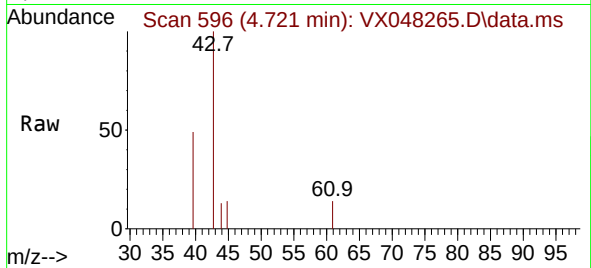
Tgt Ion:113 Resp: 60537
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 18.9 15.1 22.7





#37
Ethyl Acetate
Concen: 2.175 ug/l m
RT: 4.721 min Scan# 596
Delta R.T. 0.024 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

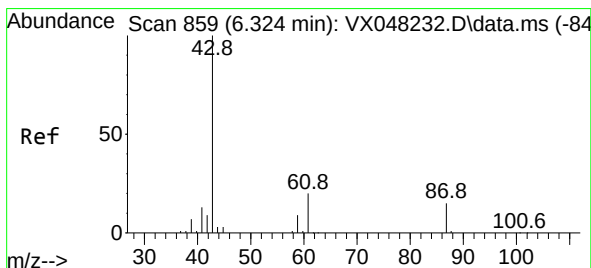
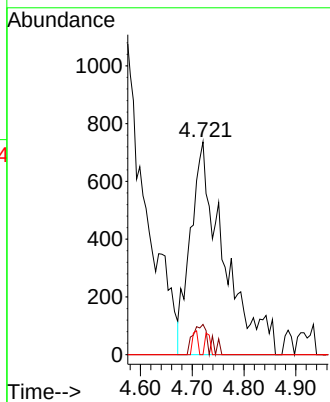
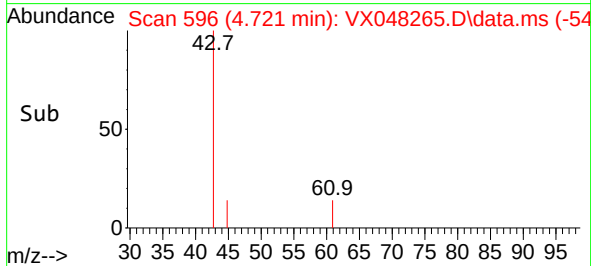
Instrument :
MSVOA_X
ClientSampleId :
TP-4-WC



Tgt Ion: 43 Resp: 3318
Ion Ratio Lower Upper
43 100
61 5.6 10.6 15.8
70 1.6 7.8 11.6

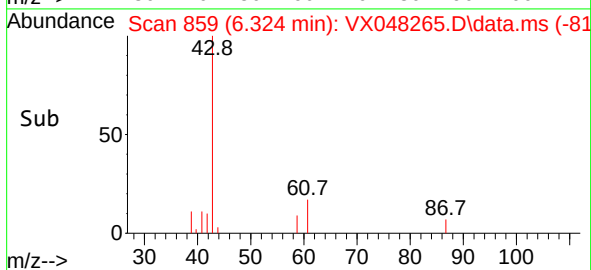
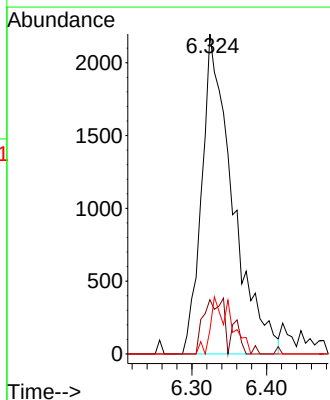
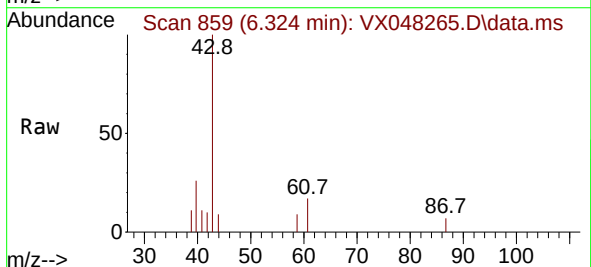
Manual Integrations
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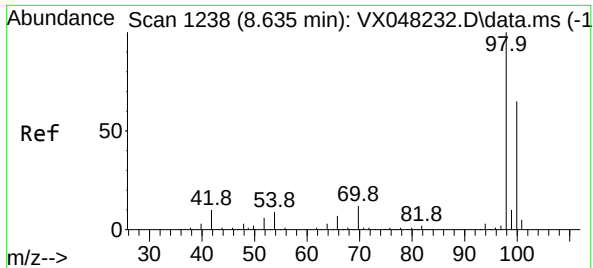
Reviewed By :John Carlone 10/24/2025
Supervised By :Mahesh Dadoda 10/24/2025



#43
Isopropyl Acetate
Concen: 2.520 ug/l
RT: 6.324 min Scan# 859
Delta R.T. -0.000 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

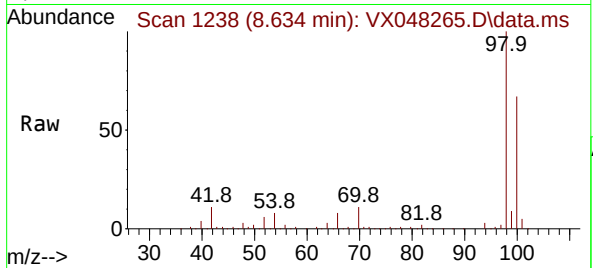
Tgt Ion: 43 Resp: 6313
Ion Ratio Lower Upper
43 100
61 11.0 14.9 22.3
87 11.8 9.4 14.2





#50
Toluene-d8
Concen: 47.081 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

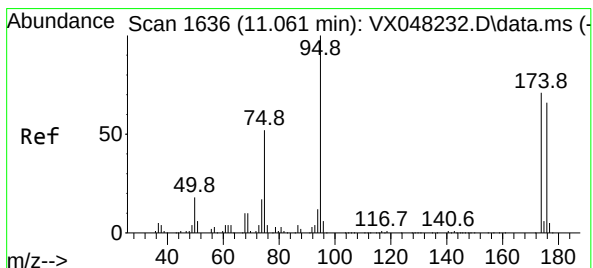
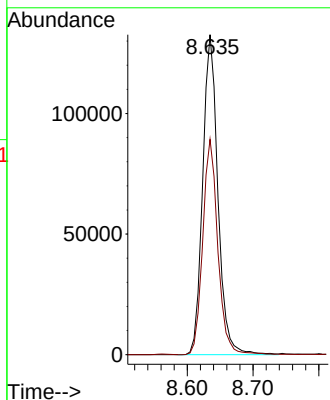
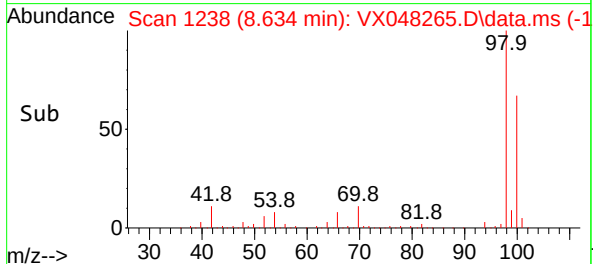
Instrument :
MSVOA_X
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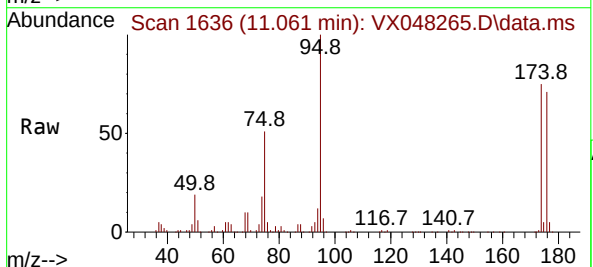
Tgt Ion: 98 Resp: 21364
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4

Manual Integrations
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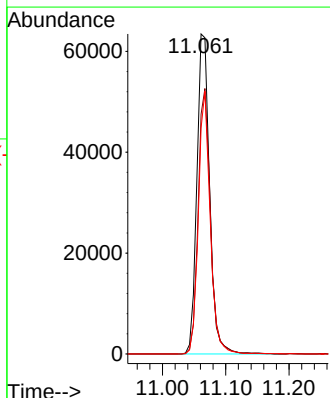
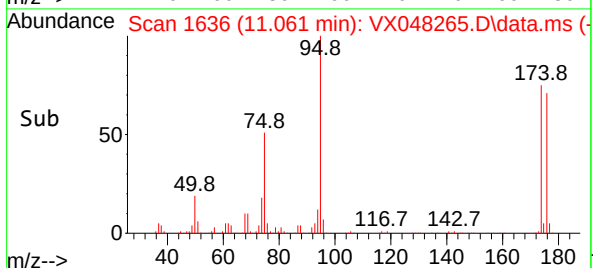
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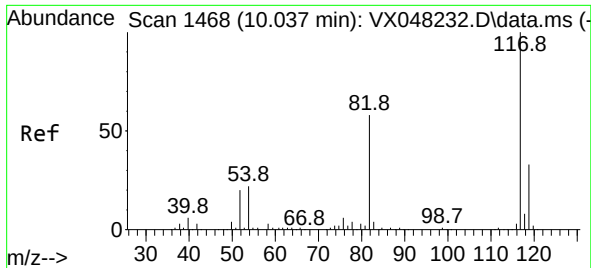


#62
4-Bromofluorobenzene
Concen: 51.679 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40



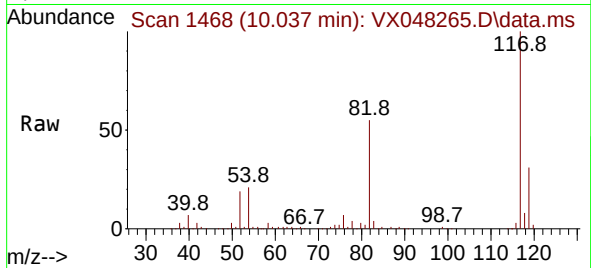
Tgt Ion: 95 Resp: 89213
Ion Ratio Lower Upper
95 100
174 80.3 0.0 147.8
176 76.0 0.0 142.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40

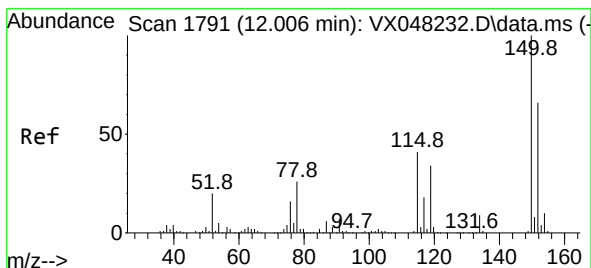
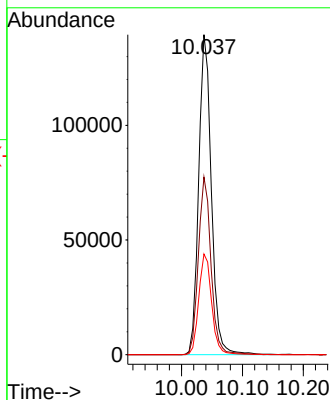
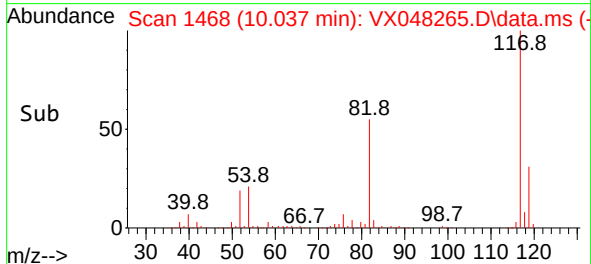
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MSVOA_X
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TP-4-WC



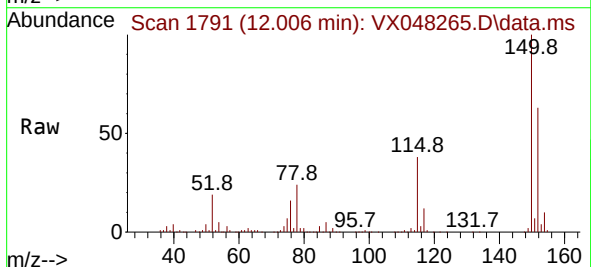
Tgt Ion:117 Resp: 20175
Ion Ratio Lower Upper
117 100
82 55.5 46.5 69.7
119 31.4 25.9 38.9

Manual Integrations
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Supervised By :Mahesh Dadoda 10/24/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX048265.D
Acq: 21 Oct 2025 13:40



Tgt Ion:152 Resp: 100673
Ion Ratio Lower Upper
152 100
115 61.4 43.1 129.4
150 156.3 0.0 353.0

