

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
 Data File : VX047707.D
 Acq On : 22 Sep 2025 16:11
 Operator : JC/MD
 Sample : Q3157-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20-DEAD-1

Quant Time: Sep 23 01:37:18 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	155439	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	330407	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	332863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	169366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	136766	55.277	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.560%			
35) Dibromofluoromethane	5.373	113	107924	48.705	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.400%			
50) Toluene-d8	8.635	98	373596	48.725	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.460%			
62) 4-Bromofluorobenzene	11.061	95	159844	54.931	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.860%			
Target Compounds						
						Qvalue
16) Acetone	2.380	43	19689	18.302	ug/l	97
18) Methyl Acetate	2.703	43	13838	5.780	ug/l	94
20) Methylene Chloride	2.788	84	8618	3.785	ug/l	91
37) Ethyl Acetate	4.715	43	7462m	2.152	ug/l	
43) Isopropyl Acetate	6.324	43	11374	2.000	ug/l	95

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

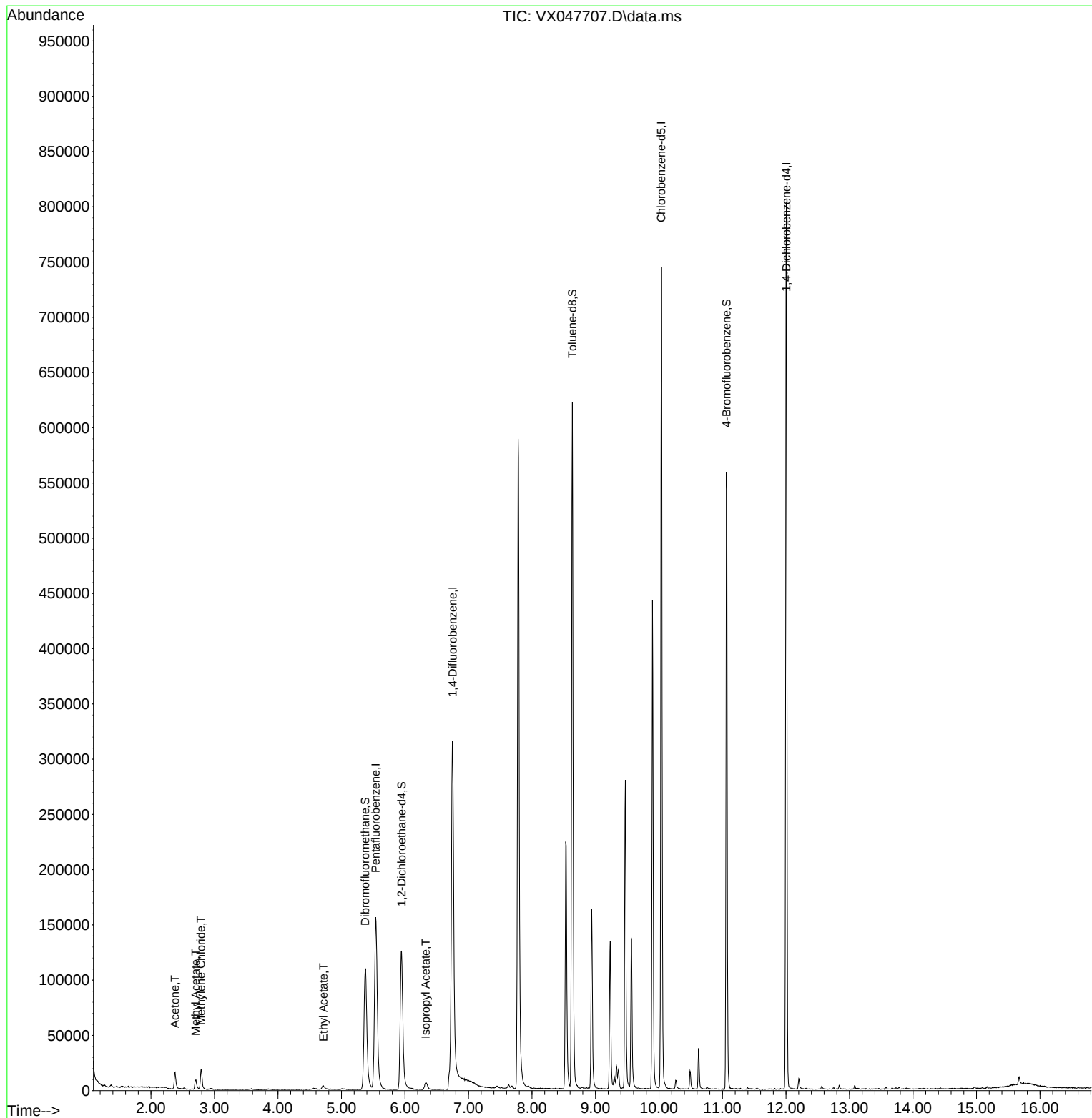
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092225\
Data File : VX047707.D
Acq On : 22 Sep 2025 16:11
Operator : JC/MD
Sample : Q3157-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

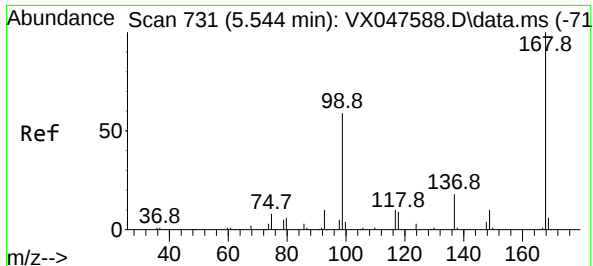
Instrument :
MSVOA_X
ClientSampleId :
20-DEAD-1

Quant Time: Sep 23 01:37:18 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

Manual Integrations
APPROVED

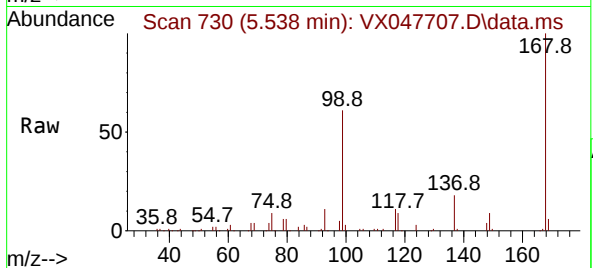
Reviewed By : John Carlone 09/23/2025
Supervised By : Mahesh Dadoda 09/24/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

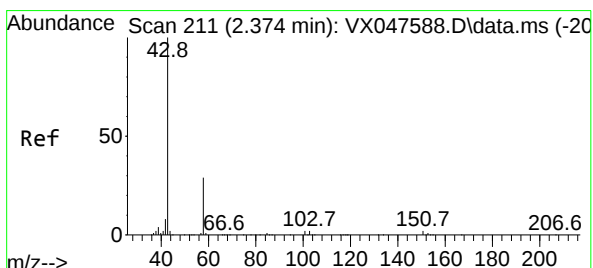
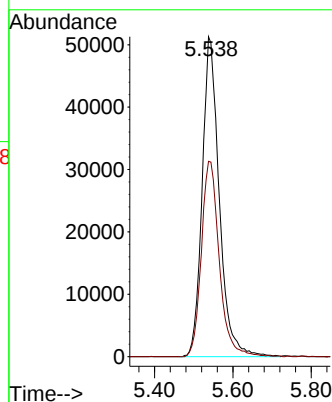
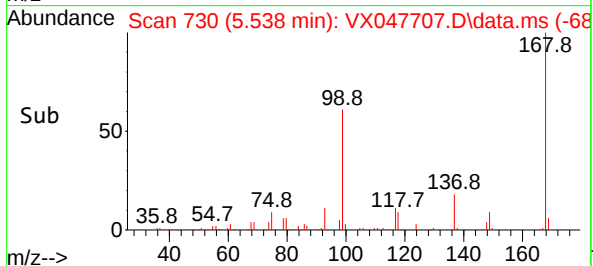
Instrument :
MSVOA_X
ClientSampleId :
20-DEAD-1



Tgt Ion:168 Resp: 155439
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2

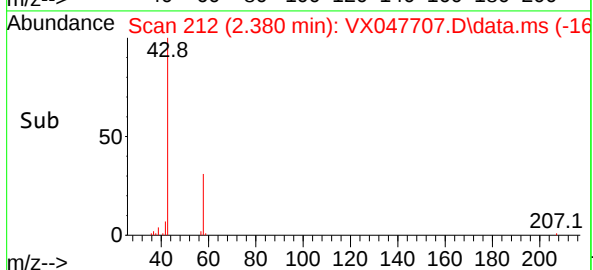
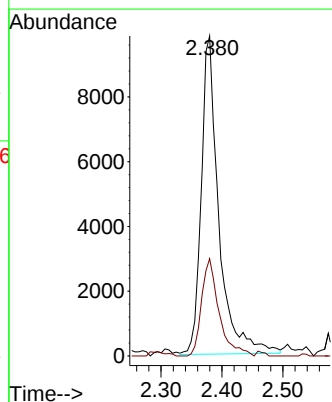
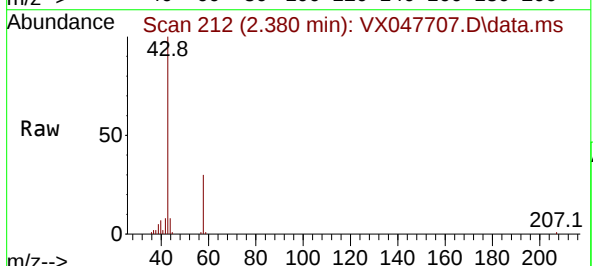
Manual Integrations
APPROVED

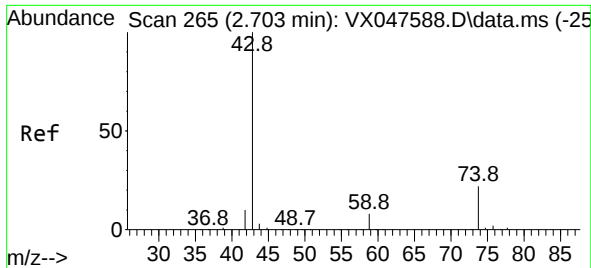
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#16
Acetone
Concen: 18.302 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

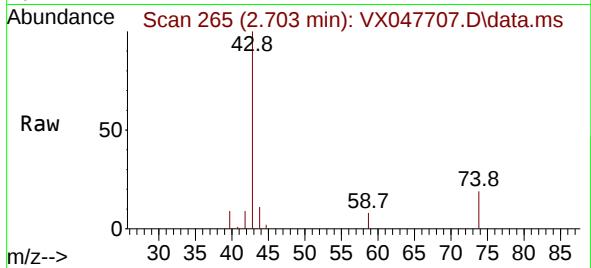
Tgt Ion: 43 Resp: 19689
Ion Ratio Lower Upper
43 100
58 30.6 23.4 35.0





#18
Methyl Acetate
Concen: 5.780 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

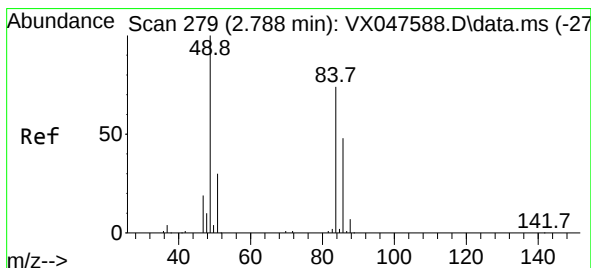
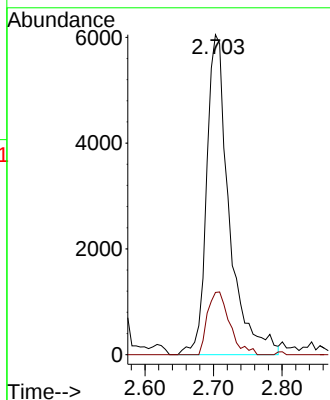
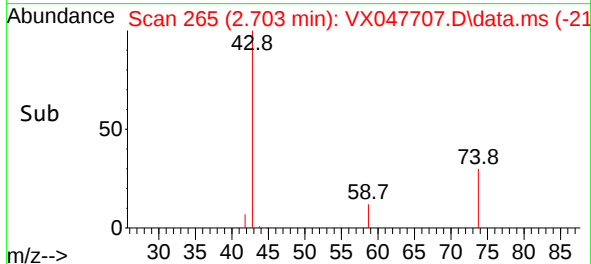
Instrument :
MSVOA_X
ClientSampleId :
20-DEAD-1



Tgt Ion: 43 Resp: 13838
Ion Ratio Lower Upper
43 100
74 19.1 17.4 26.2

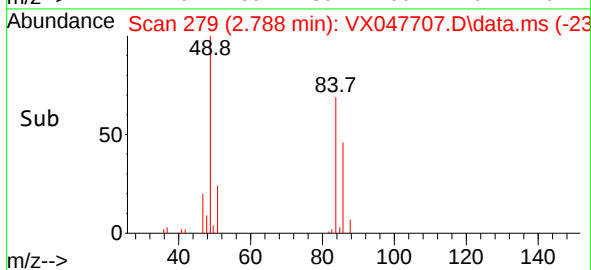
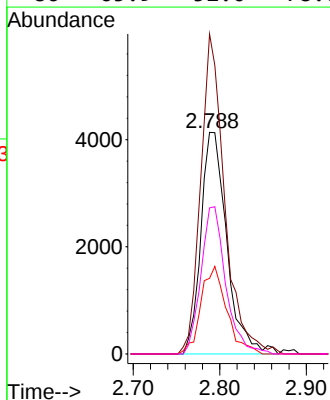
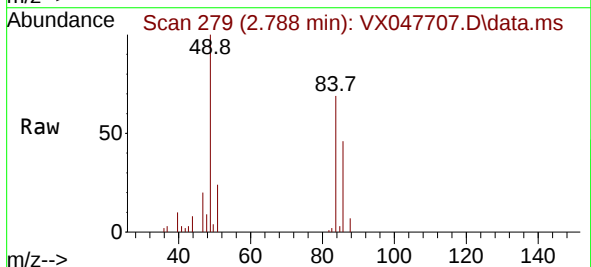
Manual Integrations
APPROVED

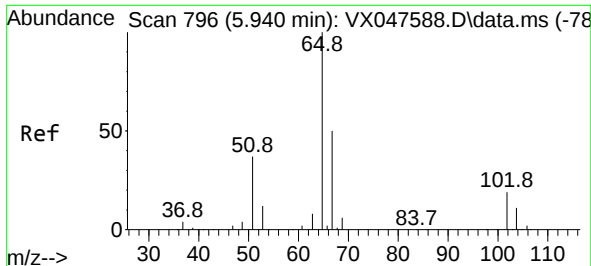
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#20
Methylene Chloride
Concen: 3.785 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

Tgt Ion: 84 Resp: 8618
Ion Ratio Lower Upper
84 100
49 150.5 108.6 162.8
51 34.2 32.6 48.8
86 65.9 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 55.277 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX047707.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_X

ClientSampleId :

20-DEAD-1

Tgt Ion: 65 Resp: 136760

Ion Ratio Lower Upper

65 100

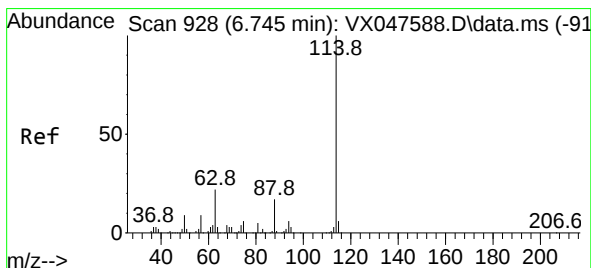
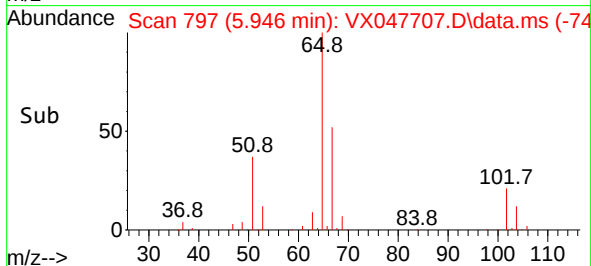
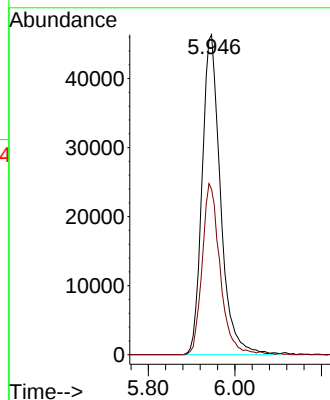
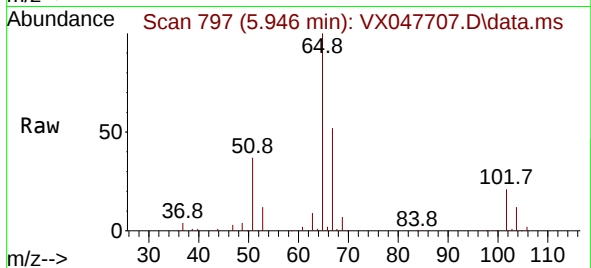
67 51.9 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX047707.D

Acq: 22 Sep 2025 16:11

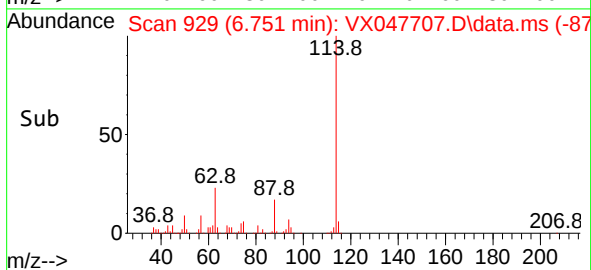
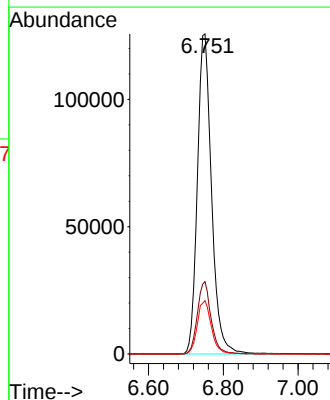
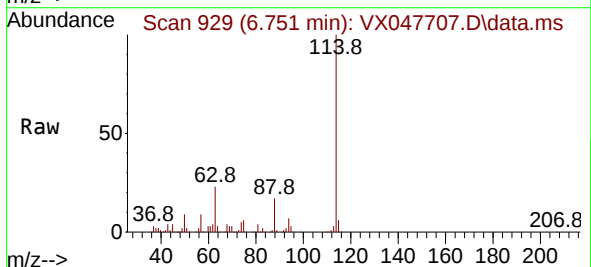
Tgt Ion:114 Resp: 330407

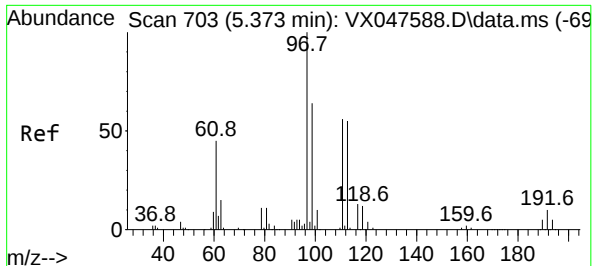
Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.0

88 16.7 0.0 34.2





#35

Dibromofluoromethane

Concen: 48.705 ug/l

RT: 5.373 min Scan# 703

Delta R.T. 0.000 min

Lab File: VX047707.D

Acq: 22 Sep 2025 16:11

Instrument :

MSVOA_X

ClientSampleId :

20-DEAD-1

Tgt Ion:113 Resp: 107924

Ion Ratio Lower Upper

113 100

111 102.6 80.9 121.3

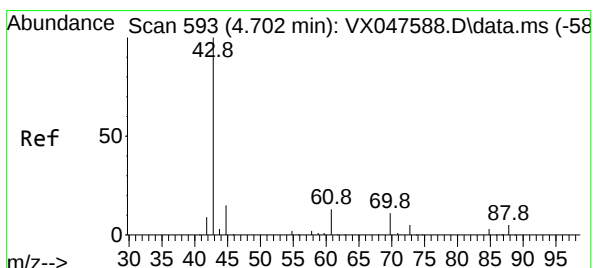
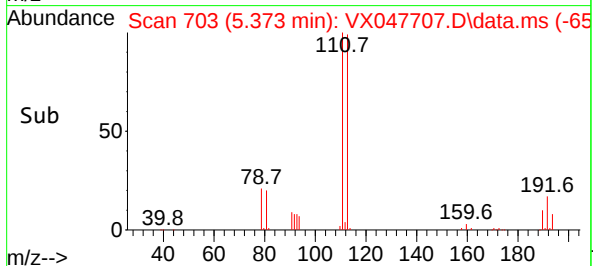
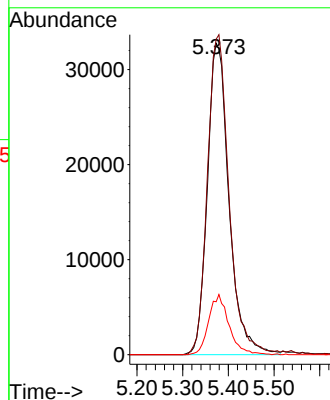
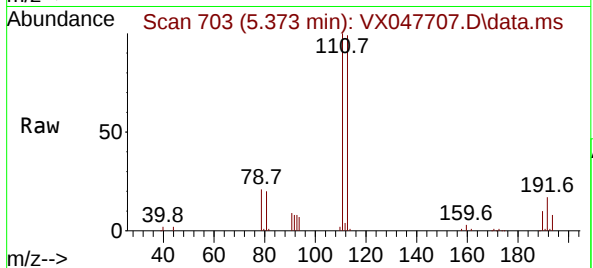
192 18.1 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#37

Ethyl Acetate

Concen: 2.152 ug/l m

RT: 4.715 min Scan# 595

Delta R.T. 0.012 min

Lab File: VX047707.D

Acq: 22 Sep 2025 16:11

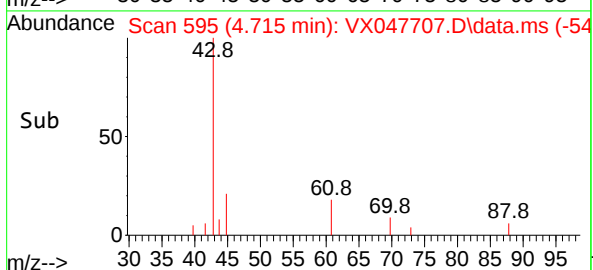
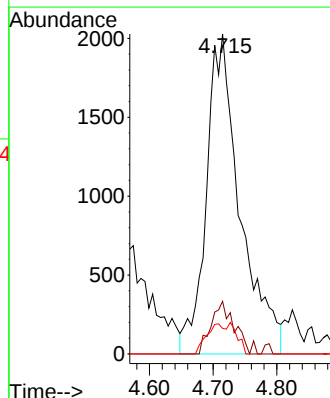
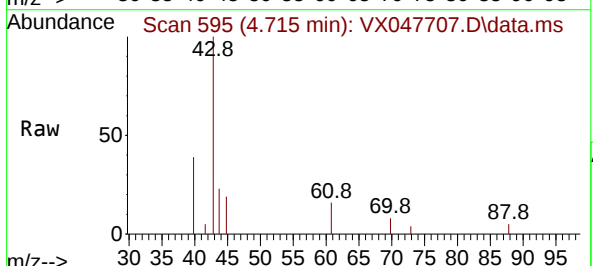
Tgt Ion: 43 Resp: 7462

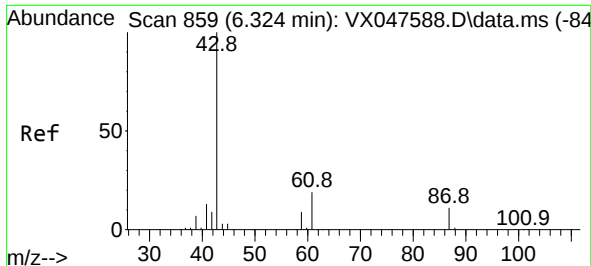
Ion Ratio Lower Upper

43 100

61 11.1 9.8 14.8

70 8.1 7.9 11.9





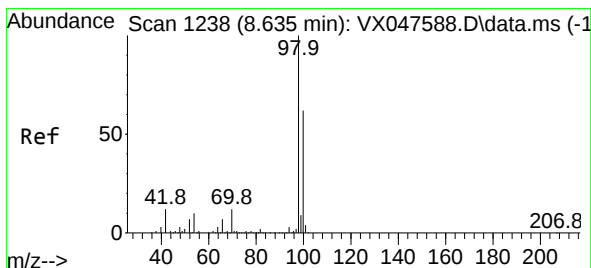
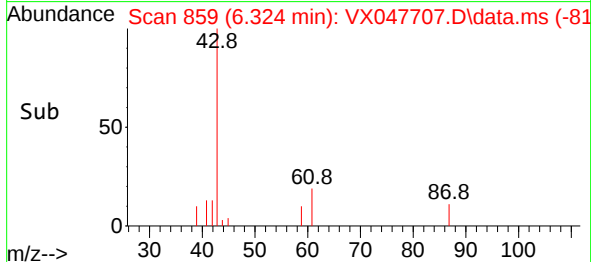
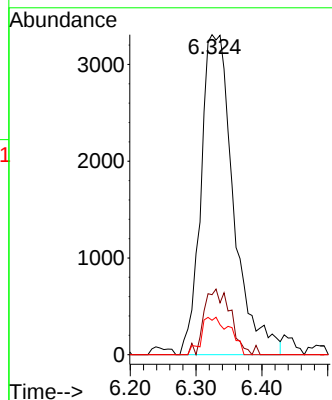
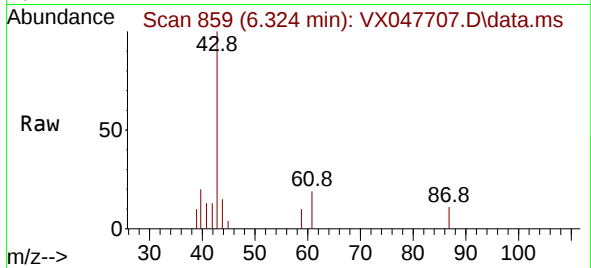
#43
Isopropyl Acetate
Concen: 2.000 ug/l
RT: 6.324 min Scan# 859
Delta R.T. 0.000 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

Instrument :
MSVOA_X
ClientSampleId :
20-DEAD-1

Tgt Ion: 43 Resp: 11374
Ion Ratio Lower Upper
43 100
61 16.7 15.2 22.8
87 10.2 9.6 14.4

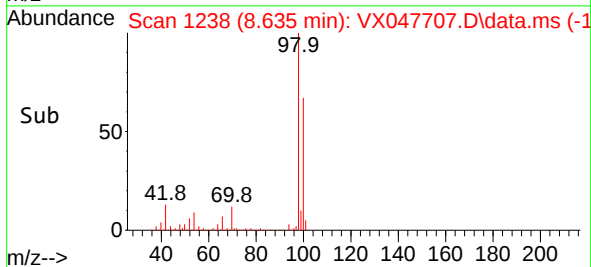
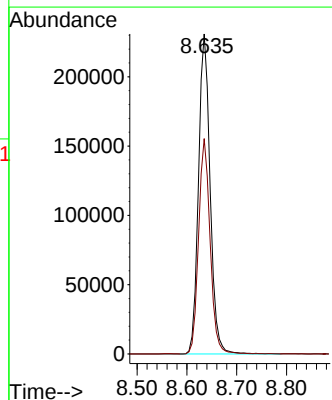
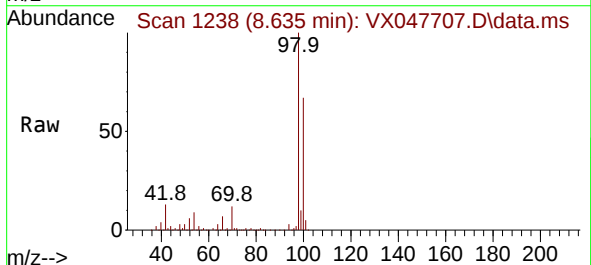
Manual Integrations
APPROVED

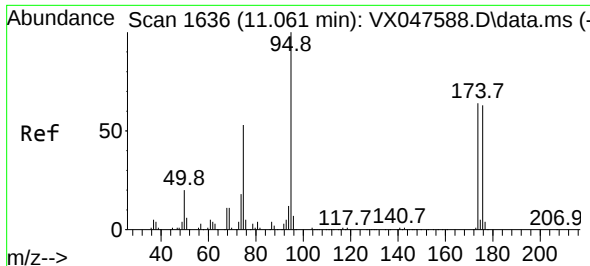
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#50
Toluene-d8
Concen: 48.725 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

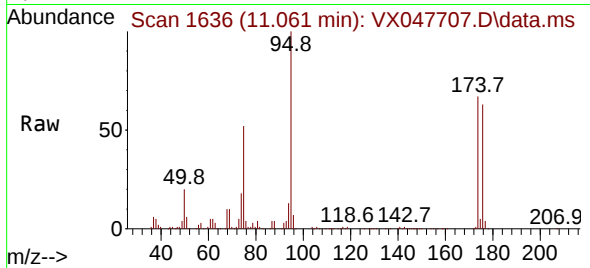
Tgt Ion: 98 Resp: 373596
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4





#62
4-Bromofluorobenzene
Concen: 54.931 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. 0.000 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

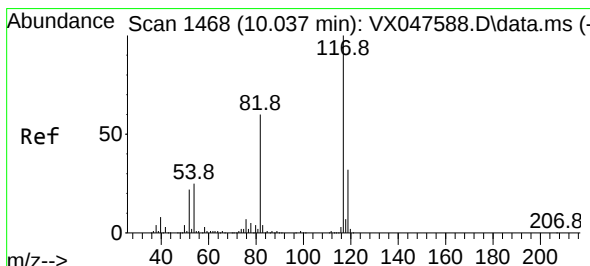
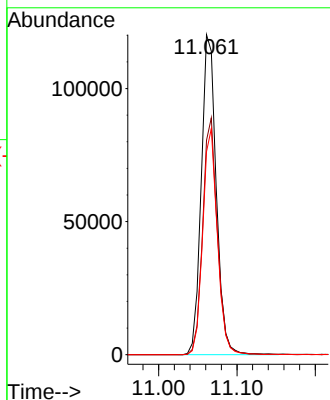
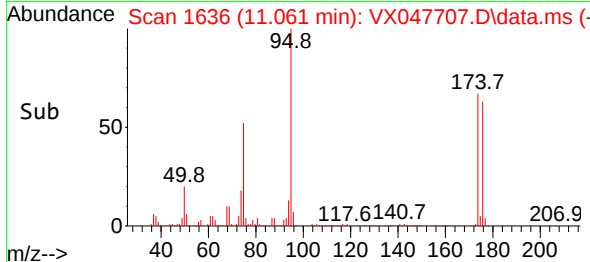
Instrument :
MSVOA_X
ClientSampleId :
20-DEAD-1



Tgt Ion: 95 Resp: 159844
Ion Ratio Lower Upper
95 100
174 72.2 0.0 141.6
176 68.8 0.0 138.4

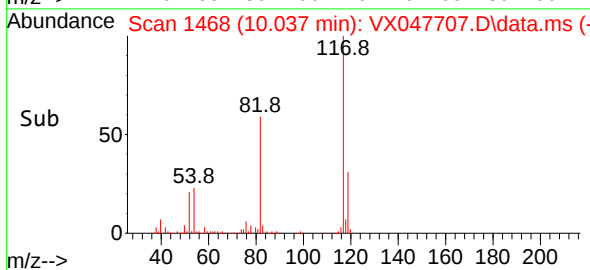
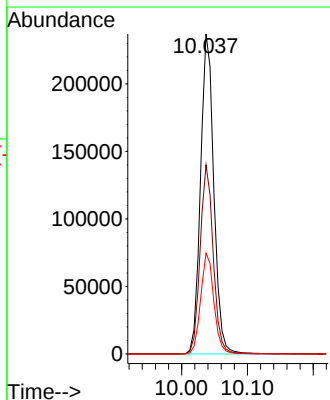
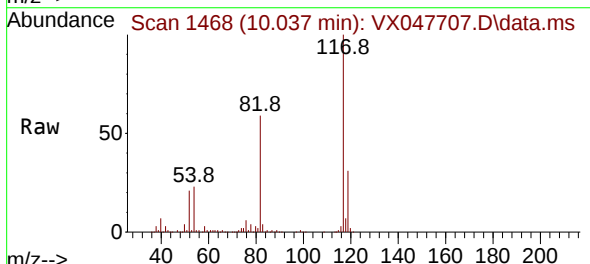
Manual Integrations
APPROVED

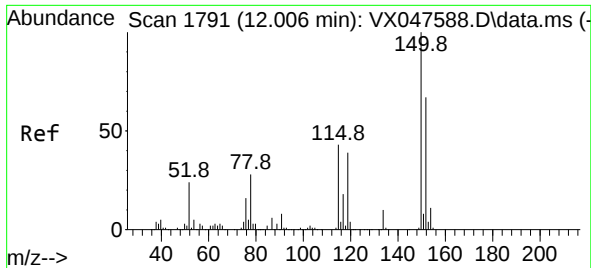
Reviewed By :John Carlone 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VX047707.D
Acq: 22 Sep 2025 16:11

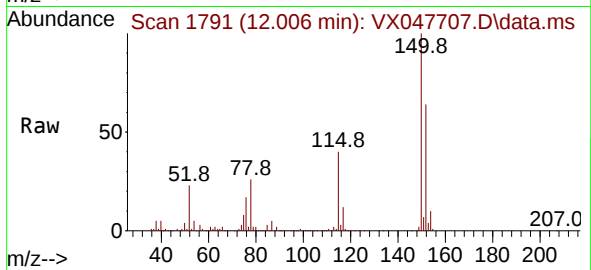
Tgt Ion:117 Resp: 332863
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.6
119 31.4 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047707.D
 Acq: 22 Sep 2025 16:11

Instrument :
 MSVOA_X
 ClientSampleId :
 20-DEAD-1



Tgt Ion:152 Resp: 169360
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 156.8 0.0 352.0

Manual Integrations
 APPROVED

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

