

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046946.D
 Acq On : 10 Jul 2025 15:47
 Operator : JC/MD
 Sample : Q2553-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-205

Quant Time: Jul 11 01:32:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	431287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	760941	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	704204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	362481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	286627	50.306	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.620%	
35) Dibromofluoromethane	5.397	113	240111	46.486	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.980%	
50) Toluene-d8	8.653	98	907701	49.807	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	11.079	95	359174	51.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.720%	
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.526	76	5367	0.438	ug/l #	91
78) n-propylbenzene	11.305	91	17718	0.577	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	9092	0.434	ug/l	98
89) n-Butylbenzene	12.335	91	5028m	0.237	ug/l	

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

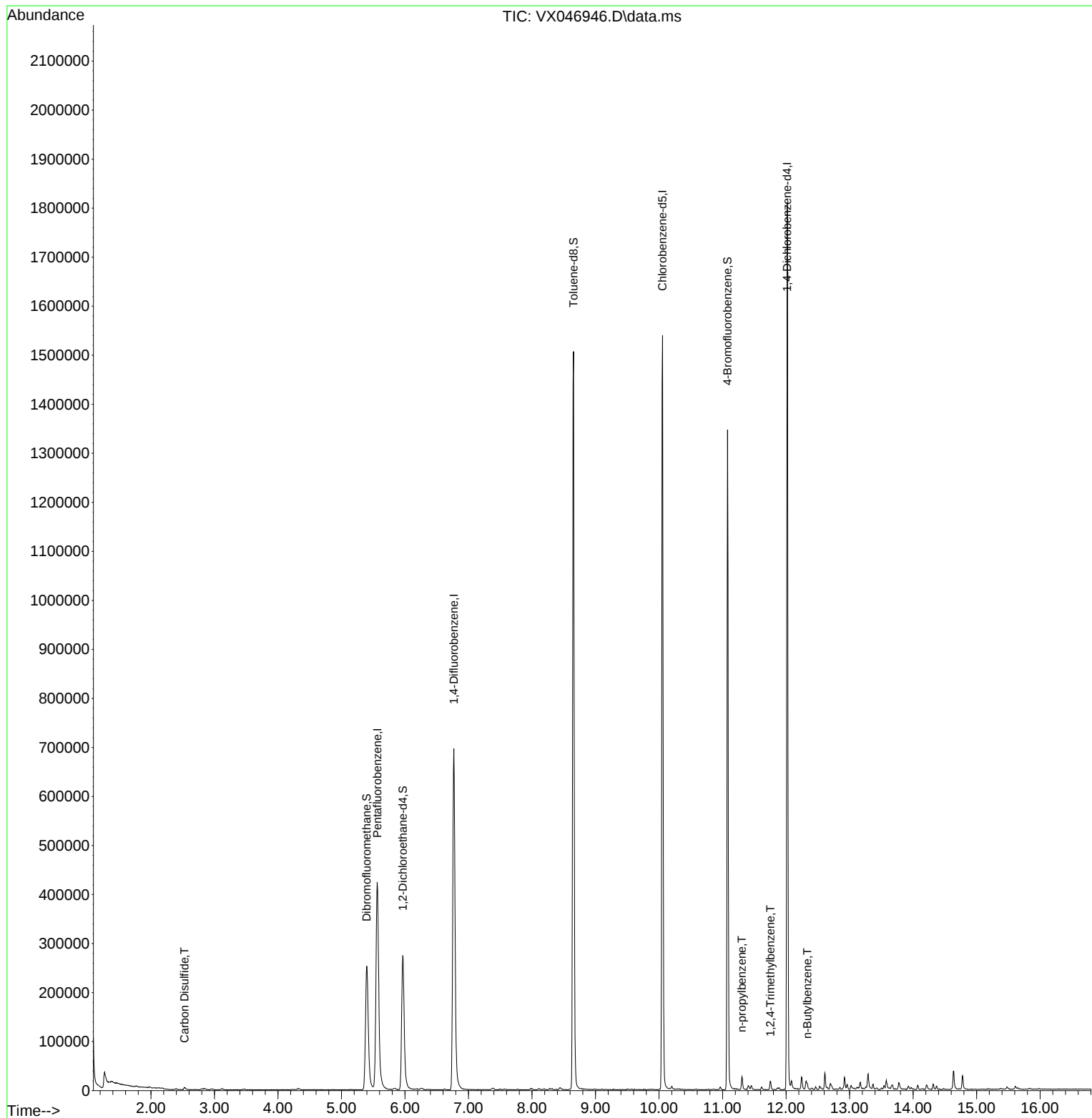
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046946.D
Acq On : 10 Jul 2025 15:47
Operator : JC/MD
Sample : Q2553-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

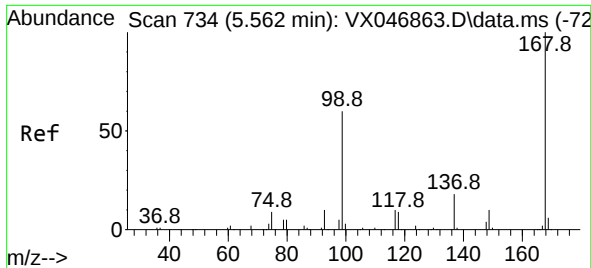
Instrument :
MSVOA_X
ClientSampleId :
AOC-205

Quant Time: Jul 11 01:32:20 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Manual Integrations
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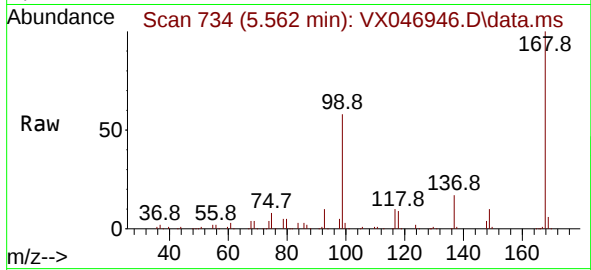
Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

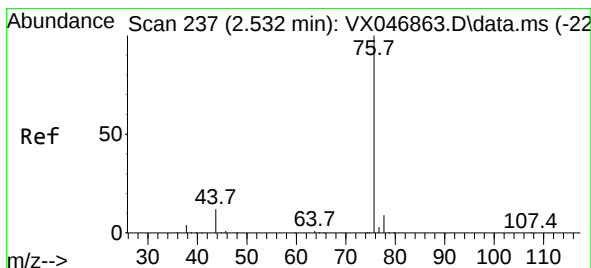
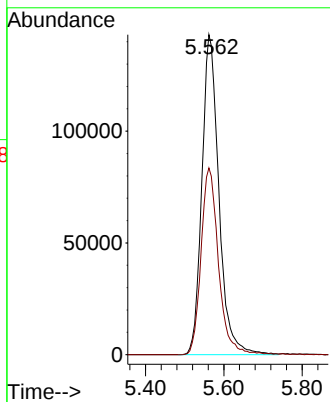
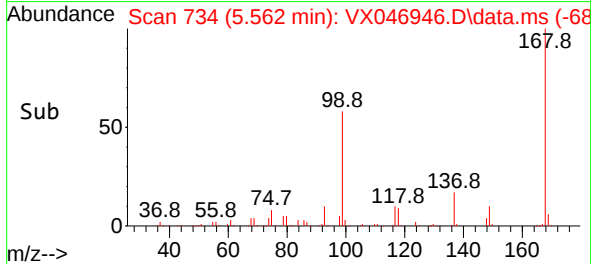
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



Tgt Ion:168 Resp: 43128
Ion Ratio Lower Upper
168 100
99 58.3 48.8 73.2

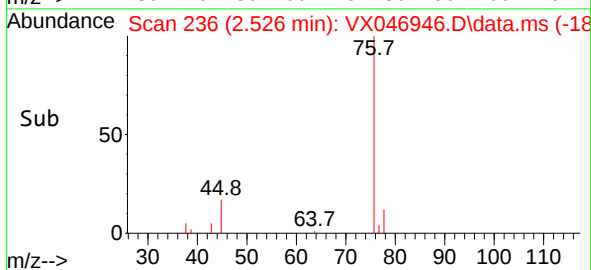
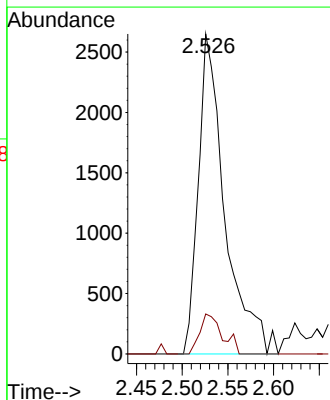
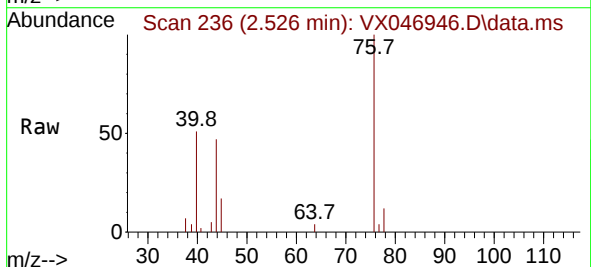
Manual Integrations
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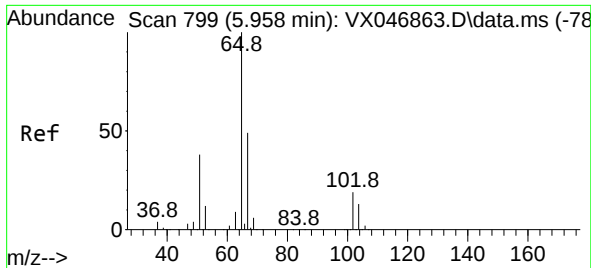
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#17
Carbon Disulfide
Concen: 0.438 ug/l
RT: 2.526 min Scan# 236
Delta R.T. -0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

Tgt Ion: 76 Resp: 5367
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.2#





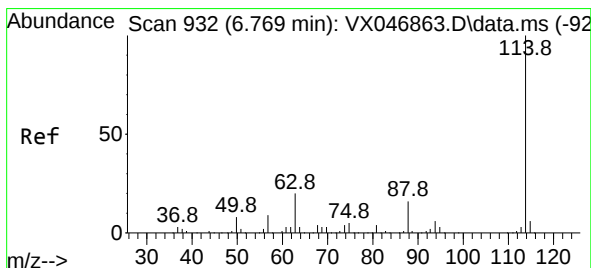
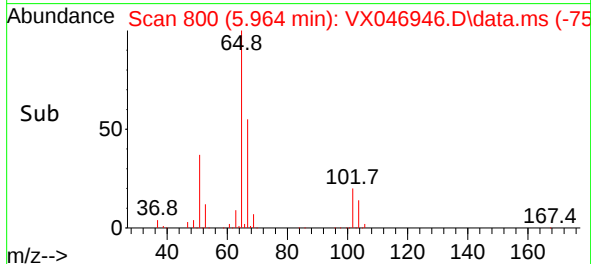
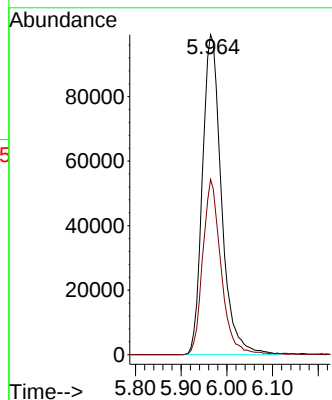
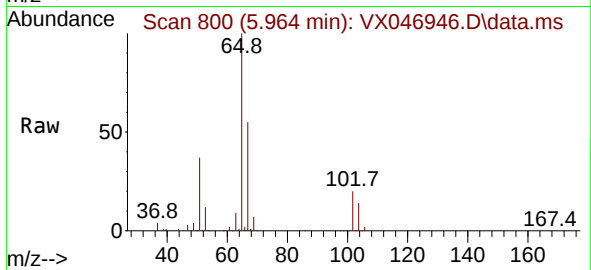
#33
 1,2-Dichloroethane-d4
 Concen: 50.306 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX046946.D
 Acq: 10 Jul 2025 15:47

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-205

Tgt Ion: 65 Resp: 28662
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.2

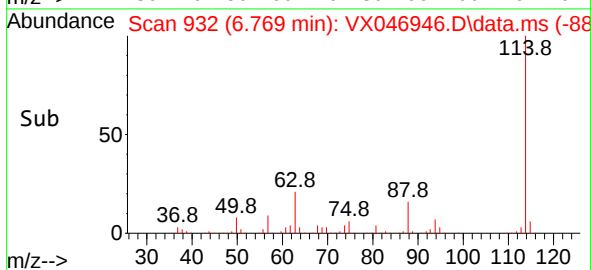
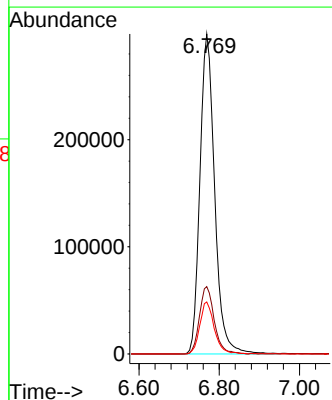
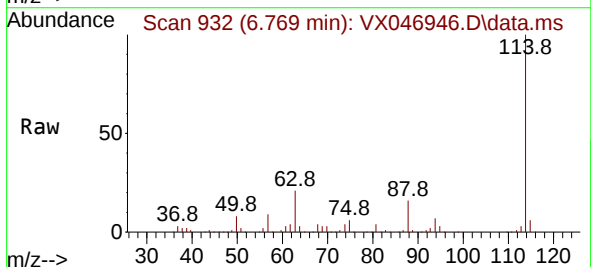
Manual Integrations
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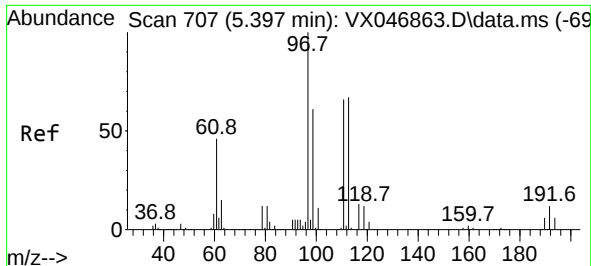
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046946.D
 Acq: 10 Jul 2025 15:47

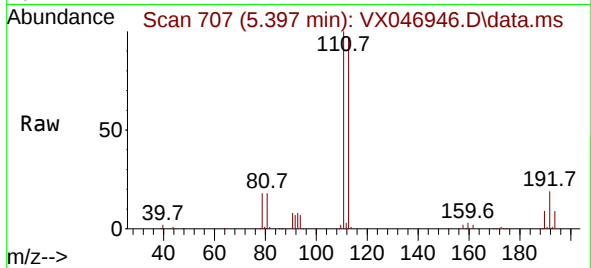
Tgt Ion:114 Resp: 760941
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.4
 88 16.2 0.0 31.0





#35
Dibromofluoromethane
Concen: 46.486 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

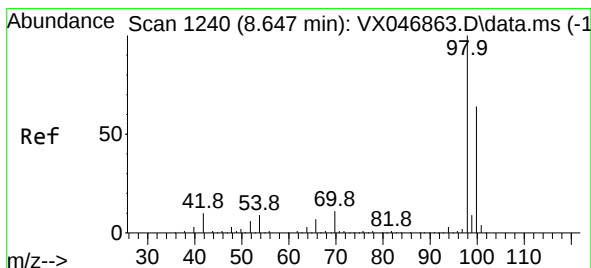
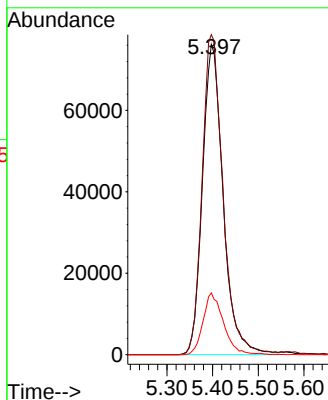
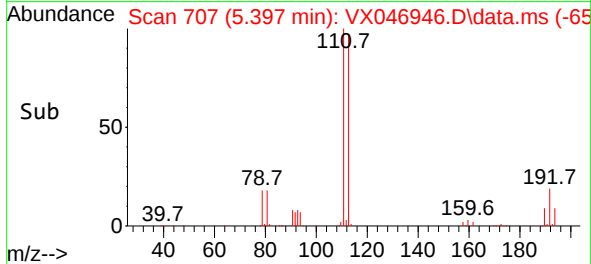
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



Tgt Ion:113 Resp: 24011
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.7 15.3 22.9

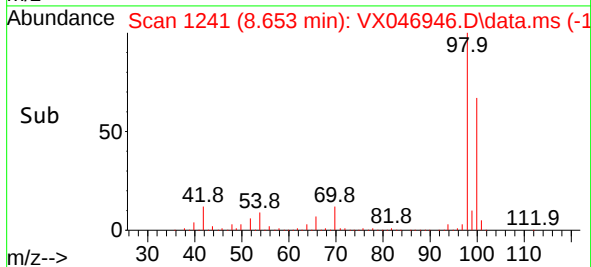
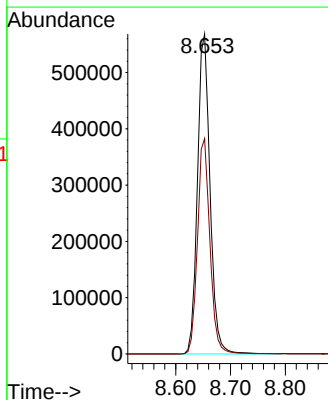
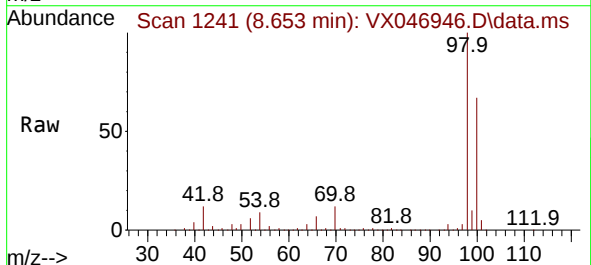
Manual Integrations
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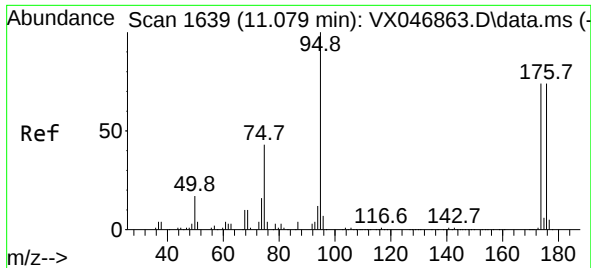
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

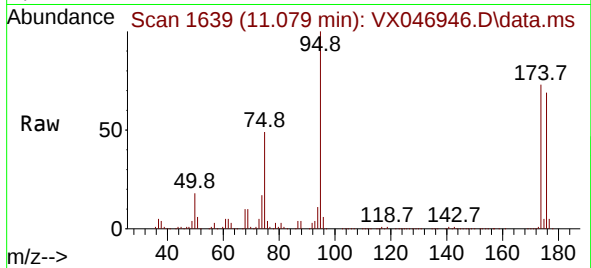
Tgt Ion: 98 Resp: 907701
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 51.857 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

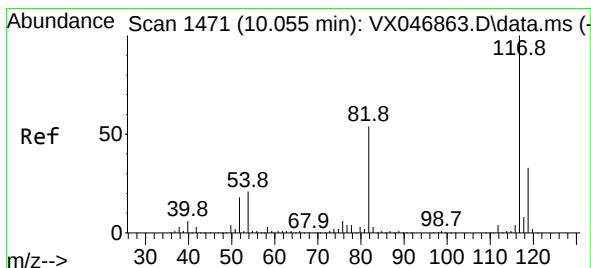
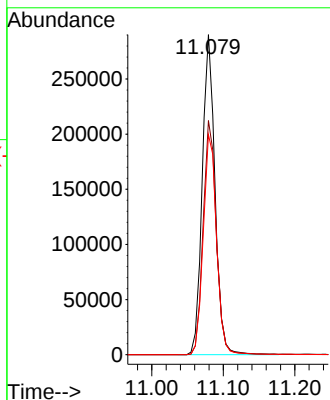
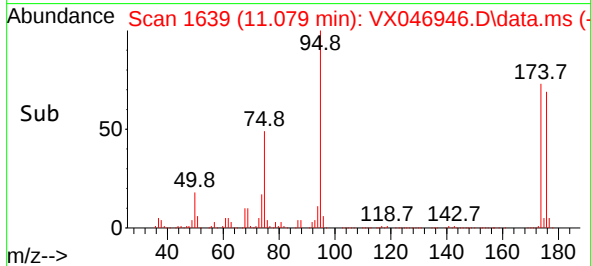
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



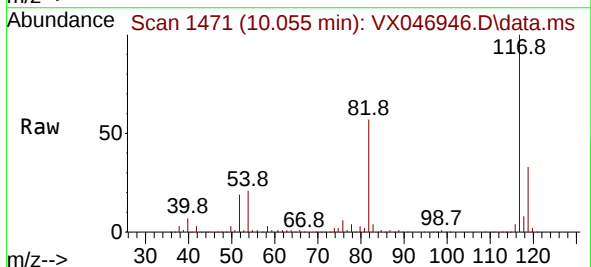
Tgt Ion: 95 Resp: 359174
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.0
176 72.0 0.0 145.2

Manual Integrations
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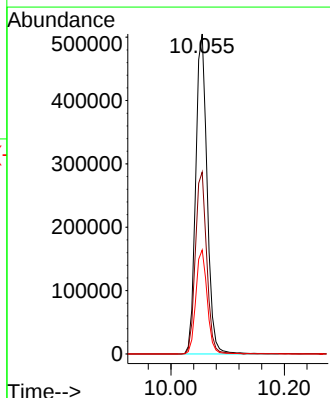
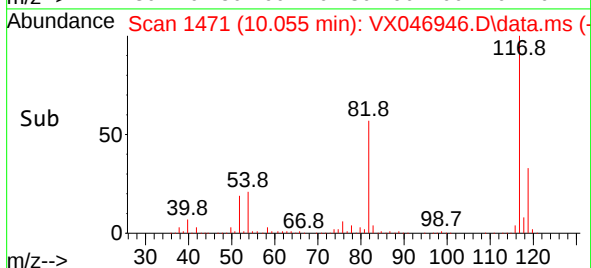
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

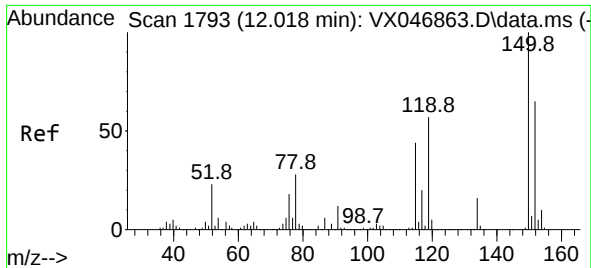


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47



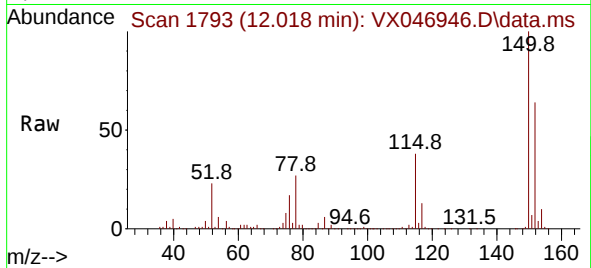
Tgt Ion:117 Resp: 704204
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 32.5 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47

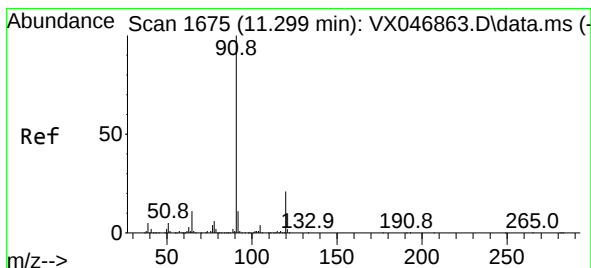
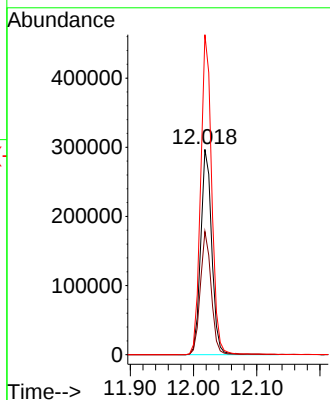
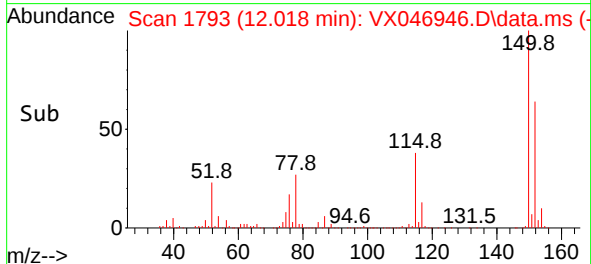
Instrument :
MSVOA_X
ClientSampleId :
AOC-205



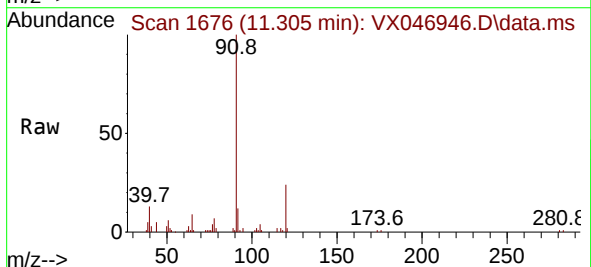
Tgt Ion:152 Resp: 36248
Ion Ratio Lower Upper
152 100
115 58.8 42.4 127.1
150 155.5 0.0 349.2

Manual Integrations
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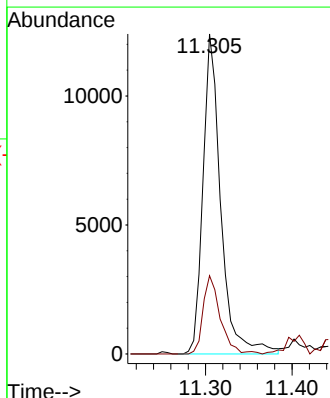
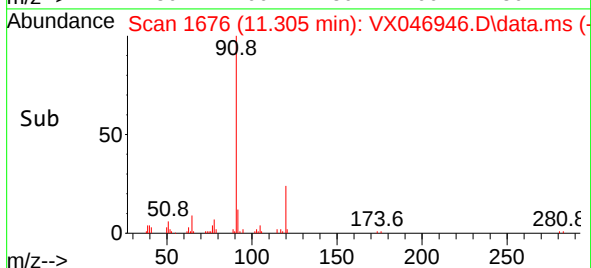
Reviewed By :John Carlone 07/11/2025
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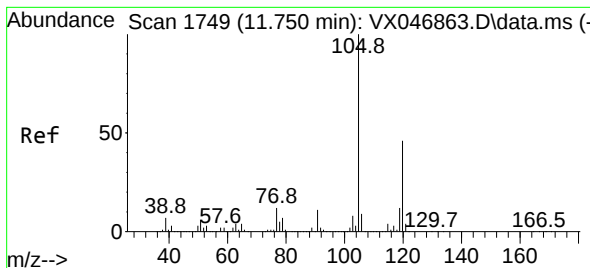


#78
n-propylbenzene
Concen: 0.577 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046946.D
Acq: 10 Jul 2025 15:47



Tgt Ion: 91 Resp: 17718
Ion Ratio Lower Upper
91 100
120 23.5 11.2 33.5





#84

1,2,4-Trimethylbenzene

Concen: 0.434 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Instrument :

MSVOA_X

ClientSampleId :

AOC-205

Tgt Ion:105 Resp: 909

Ion Ratio Lower Upper

105 100

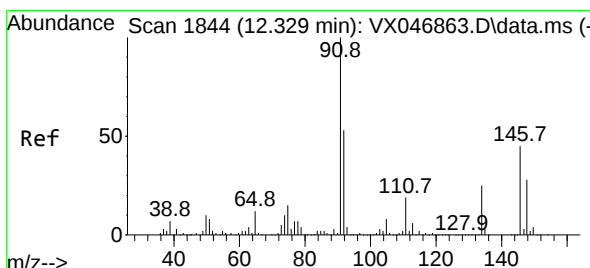
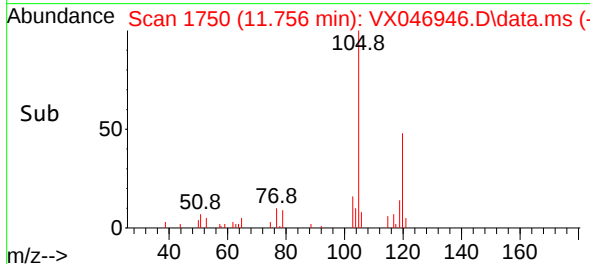
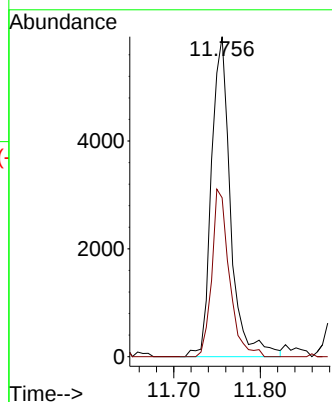
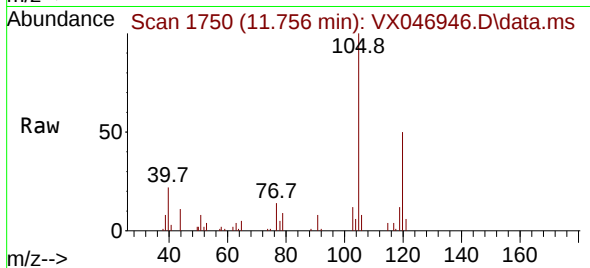
120 48.0 23.3 69.8

Manual Integrations

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Supervised By :Mahesh Dadoda 07/14/2025



#89

n-Butylbenzene

Concen: 0.237 ug/l m

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046946.D

Acq: 10 Jul 2025 15:47

Tgt Ion: 91 Resp: 5028

Ion Ratio Lower Upper

91 100

92 51.7 27.0 81.0

134 72.1 12.8 38.4#

