

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046944.D
 Acq On : 10 Jul 2025 15:04
 Operator : JC/MD
 Sample : Q2553-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 AOC-202

Quant Time: Jul 11 01:31:06 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	5.568	168	457019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	802756	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	753351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	386856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	304129	50.372	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.740%			
35) Dibromofluoromethane	5.397	113	255623	46.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.820%			
50) Toluene-d8	8.647	98	972622	50.590	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.079	95	384146	52.573	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.140%			
Target Compounds						
					Qvalue	
17) Carbon Disulfide	2.532	76	5023	0.386	ug/l #	93
73) Isopropylbenzene	10.963	105	86461	3.179	ug/l	99
78) n-propylbenzene	11.305	91	136201	4.154	ug/l	99
83) tert-Butylbenzene	11.713	119	8618	0.378	ug/l	81
84) 1,2,4-Trimethylbenzene	11.750	105	23625	1.058	ug/l	99
85) sec-Butylbenzene	11.890	105	61179	2.126	ug/l #	57
89) n-Butylbenzene	12.323	91	14286m	0.631	ug/l	

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

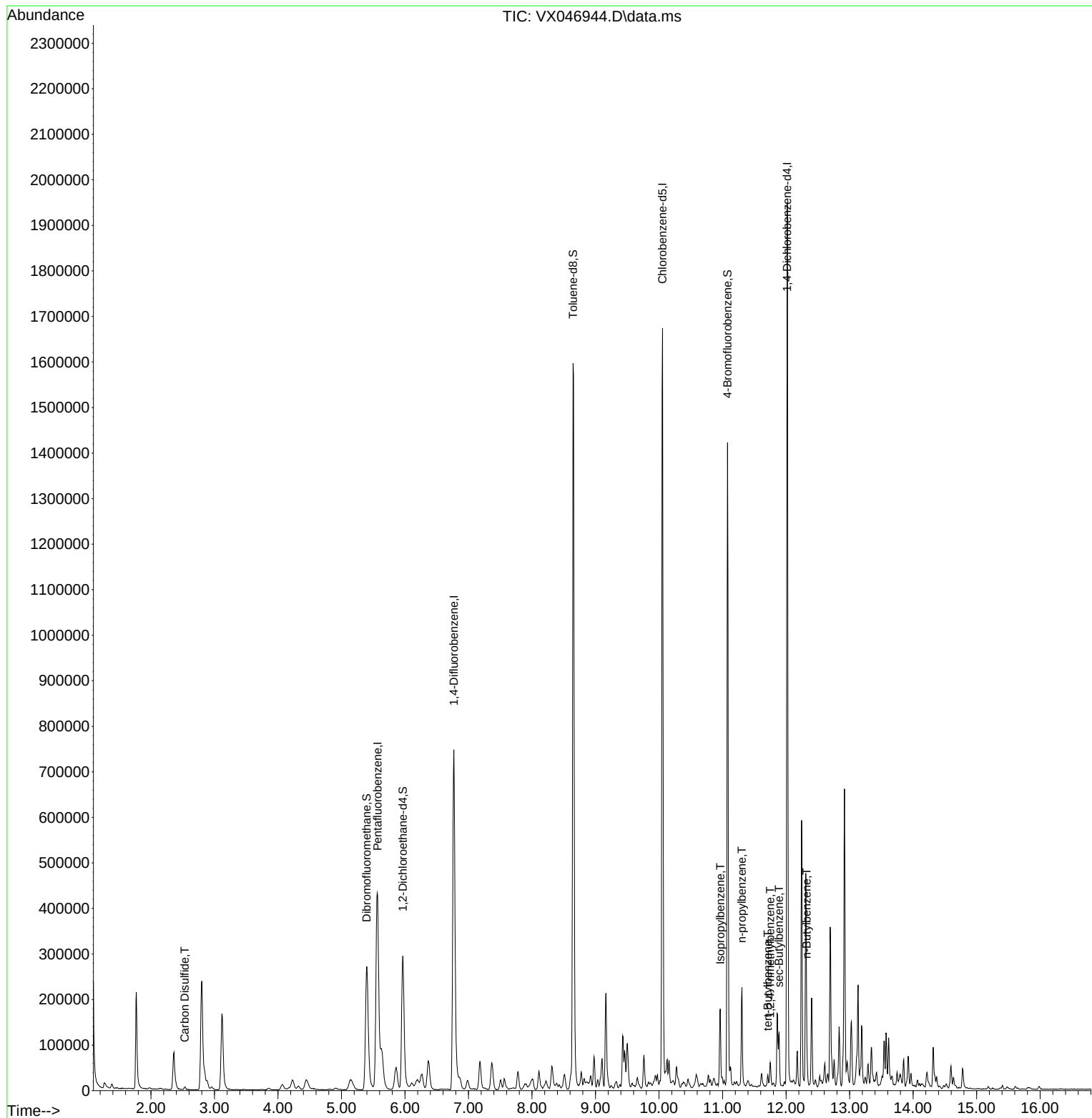
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
Data File : VX046944.D
Acq On : 10 Jul 2025 15:04
Operator : JC/MD
Sample : Q2553-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

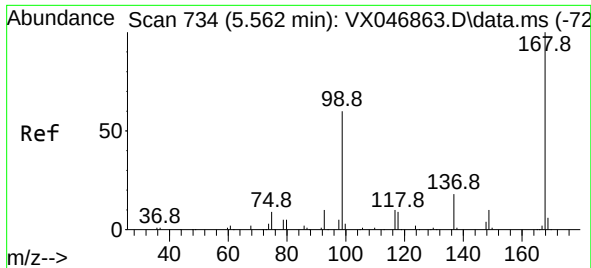
Instrument :
MSVOA_X
ClientSampleId :
AOC-202

Quant Time: Jul 11 01:31:06 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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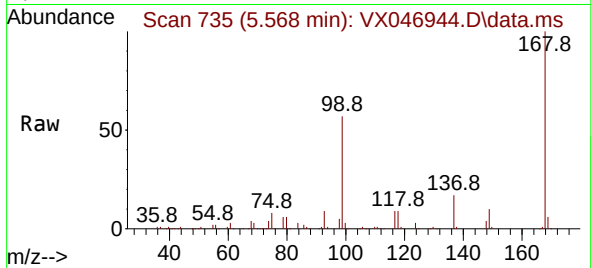
Reviewed By : John Carlone 07/11/2025
Supervised By : Mahesh Dadoda 07/14/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

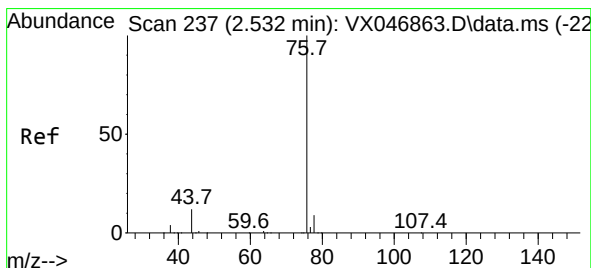
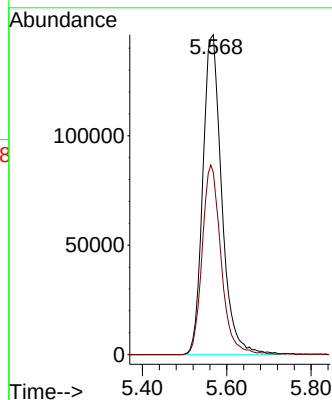
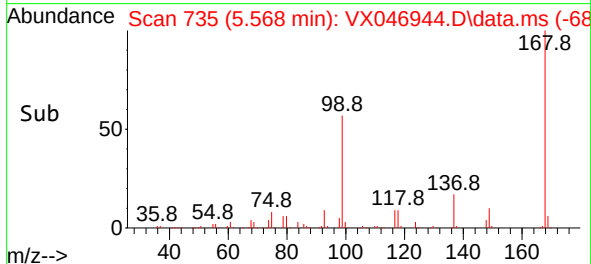
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



Tgt Ion:168 Resp: 457019
Ion Ratio Lower Upper
168 100
99 57.0 48.8 73.2

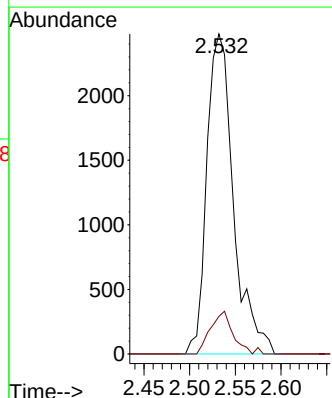
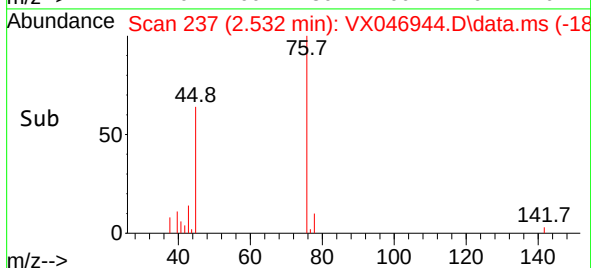
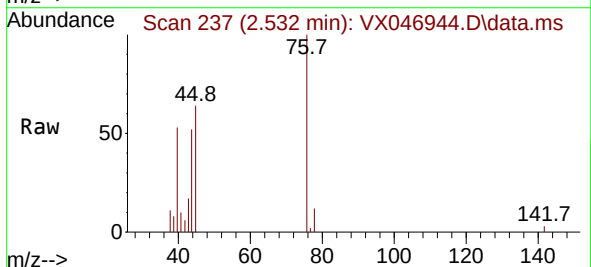
Manual Integrations
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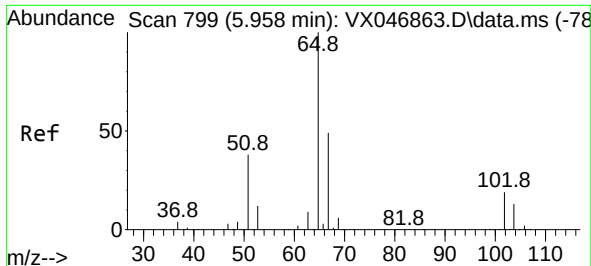
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#17
Carbon Disulfide
Concen: 0.386 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

Tgt Ion: 76 Resp: 5023
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.2#





#33

1,2-Dichloroethane-d4

Concen: 50.372 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046944.D

Acq: 10 Jul 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

AOC-202

Tgt Ion: 65 Resp: 304129

Ion Ratio Lower Upper

65 100

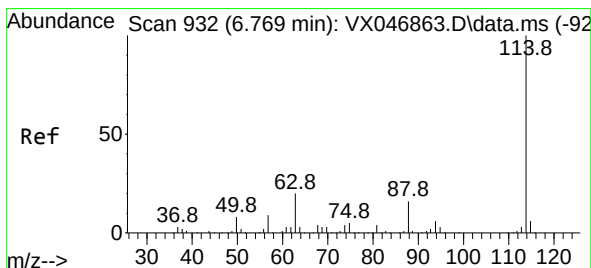
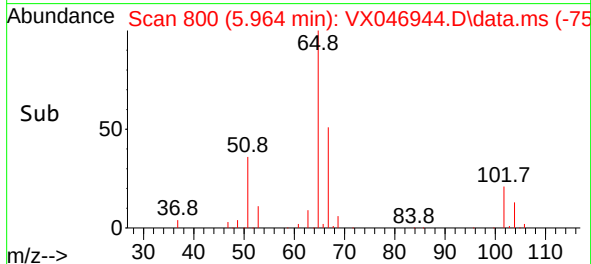
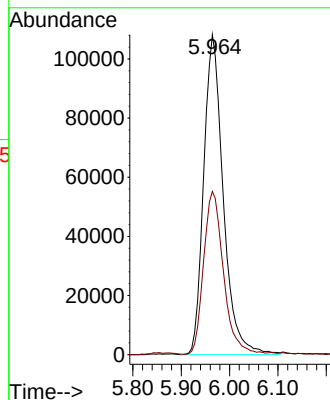
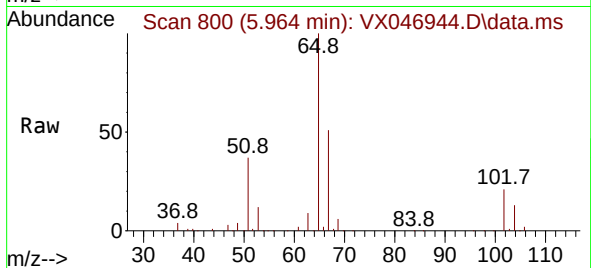
67 51.7 0.0 105.2

Manual Integrations

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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: VX046944.D

Acq: 10 Jul 2025 15:04

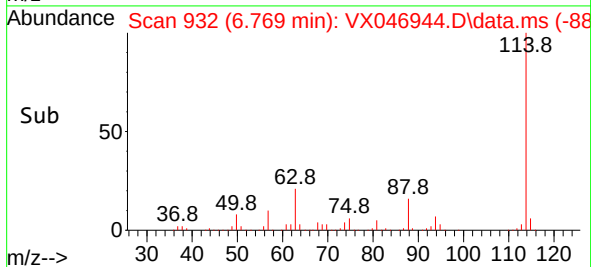
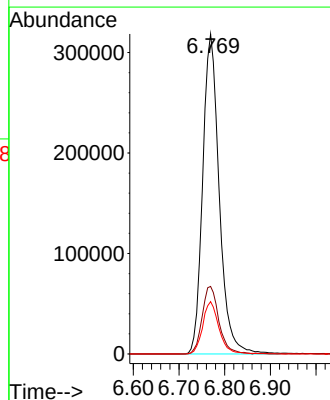
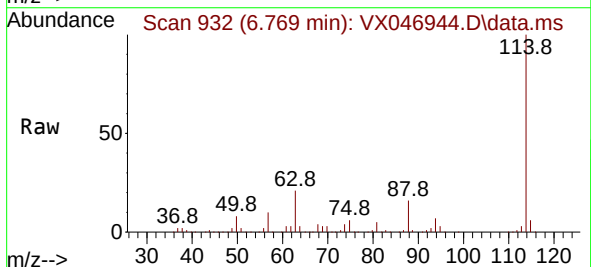
Tgt Ion:114 Resp: 802756

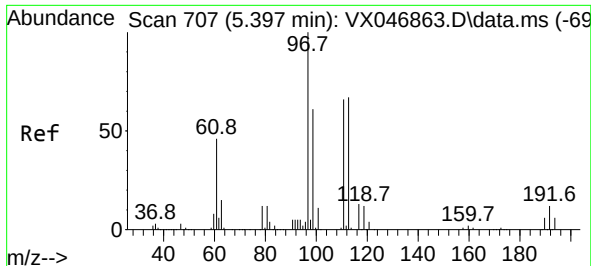
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.4

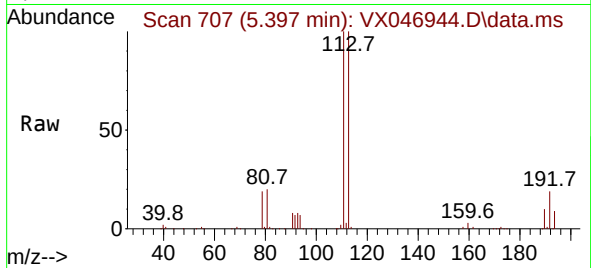
88 16.4 0.0 31.0





#35
Dibromofluoromethane
Concen: 46.911 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

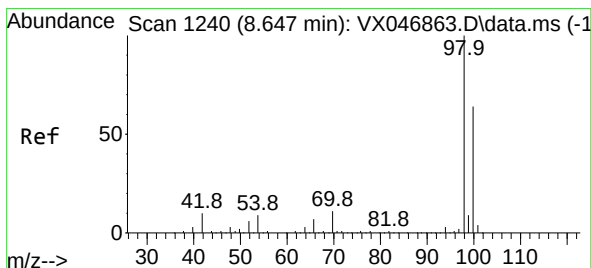
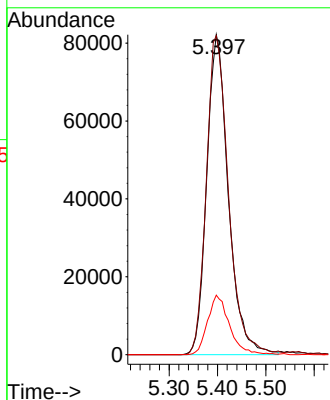
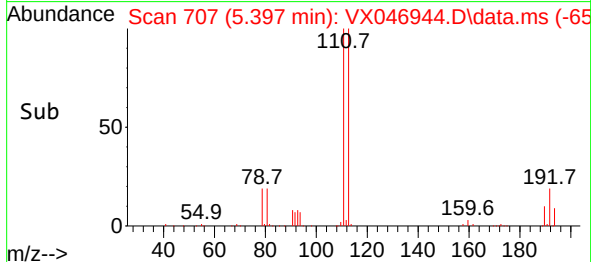
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



Tgt Ion: 113 Resp: 25562
Ion Ratio Lower Upper
113 100
111 102.2 81.2 121.8
192 18.8 15.3 22.9

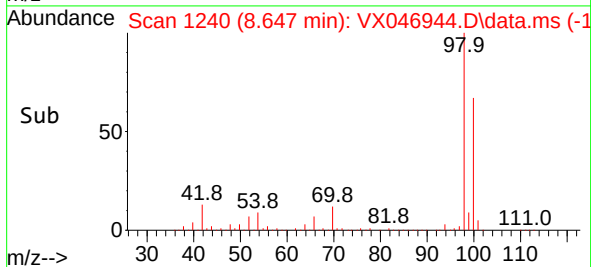
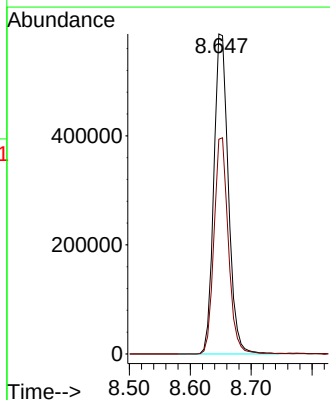
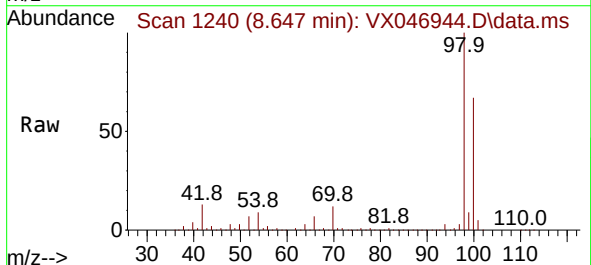
Manual Integrations
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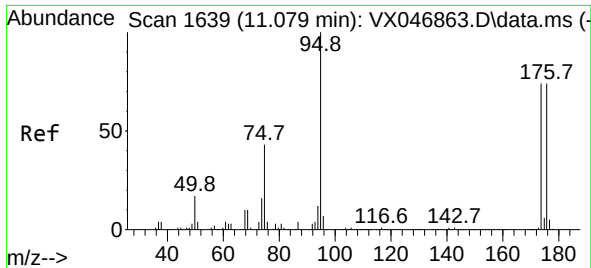
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 50.590 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

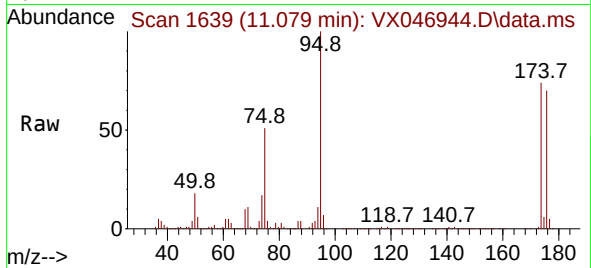
Tgt Ion: 98 Resp: 972622
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 52.573 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

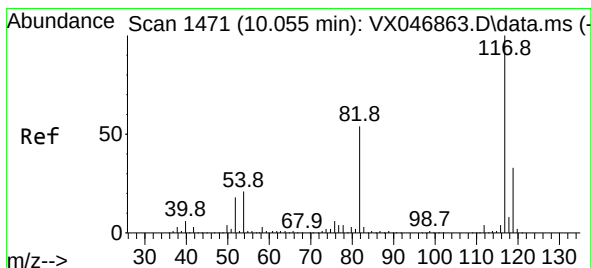
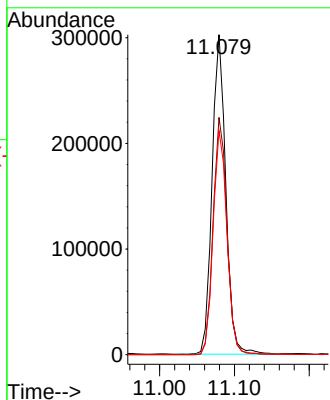
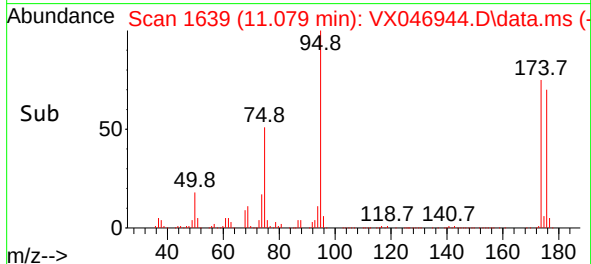
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



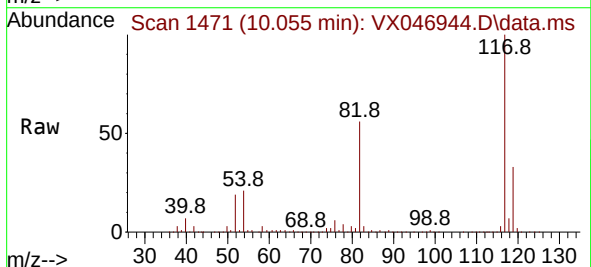
Tgt Ion: 95 Resp: 384140
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.0
176 71.5 0.0 145.2

Manual Integrations
APPROVED

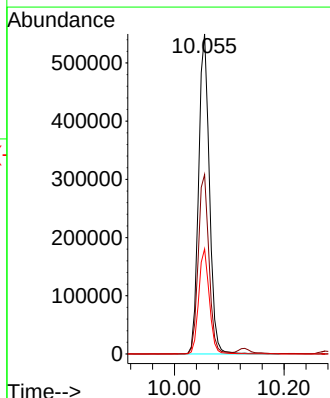
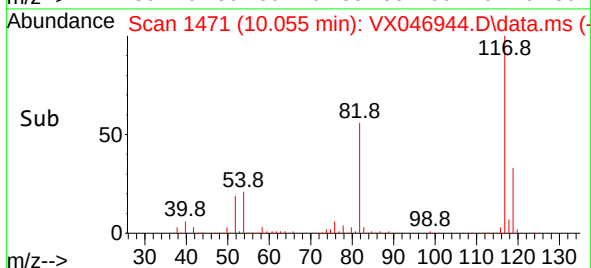
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

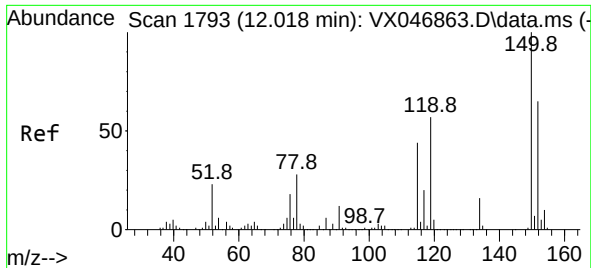


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04



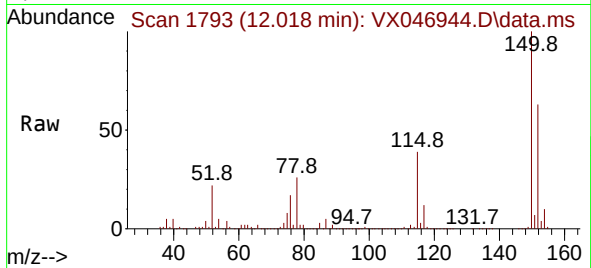
Tgt Ion:117 Resp: 753351
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.8 26.4 39.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

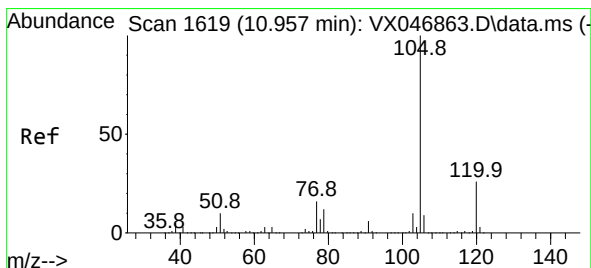
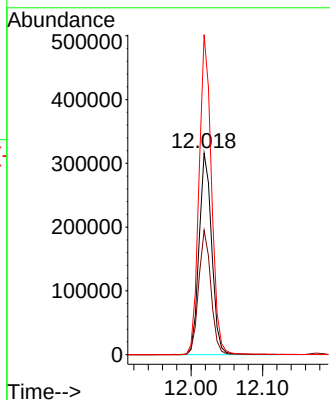
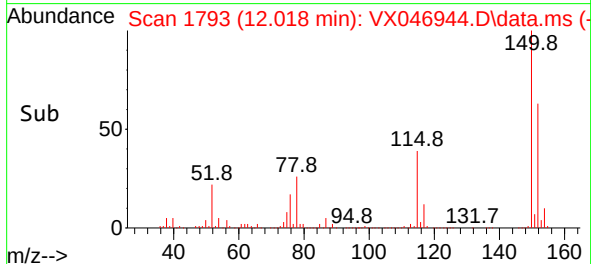
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



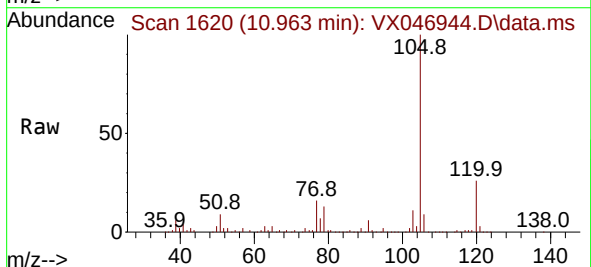
Tgt Ion:152 Resp: 386850
Ion Ratio Lower Upper
152 100
115 60.4 42.4 127.1
150 156.6 0.0 349.2

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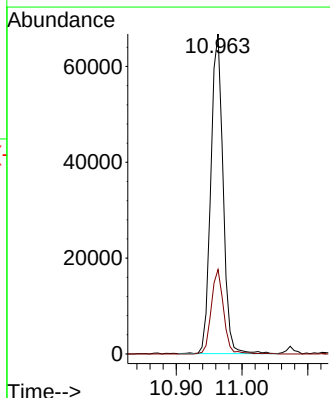
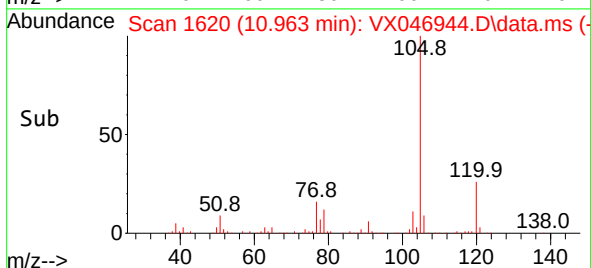
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

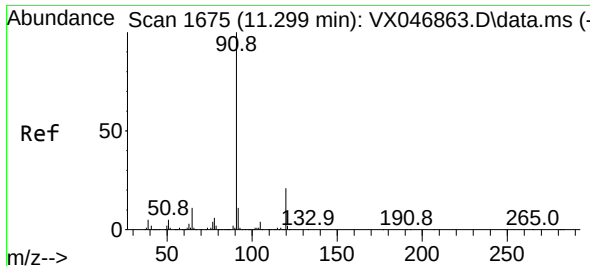


#73
Isopropylbenzene
Concen: 3.179 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04



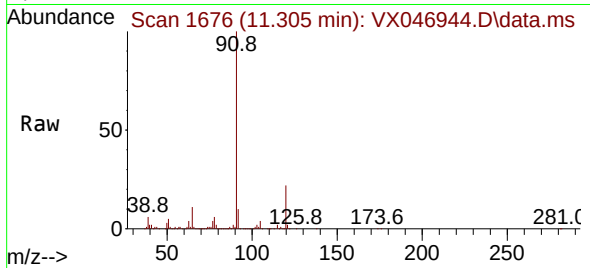
Tgt Ion:105 Resp: 86461
Ion Ratio Lower Upper
105 100
120 26.6 13.2 39.5





#78
n-propylbenzene
Concen: 4.154 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

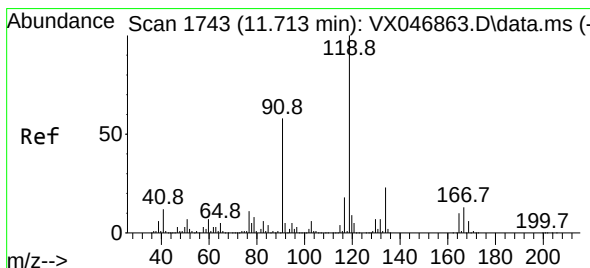
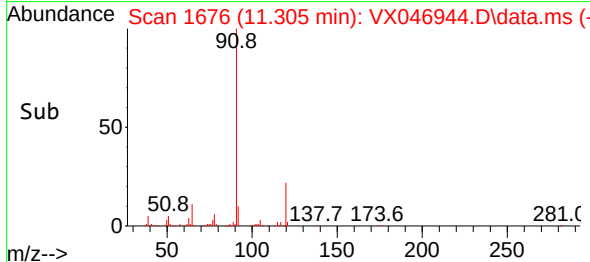
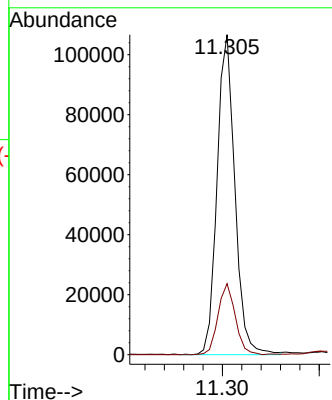
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



Tgt Ion: 91 Resp: 13620
Ion Ratio Lower Upper
91 100
120 21.6 11.2 33.5

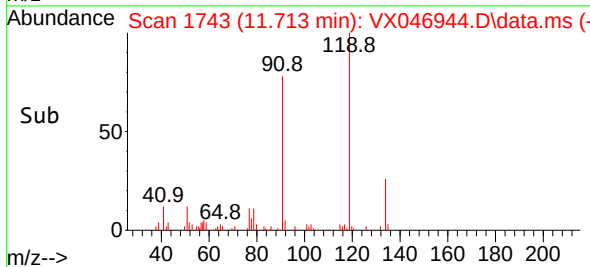
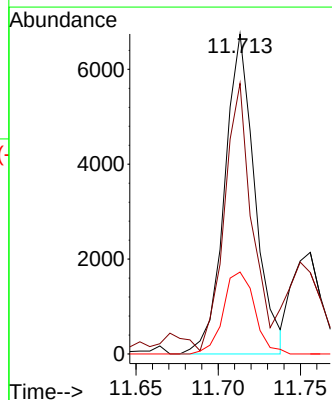
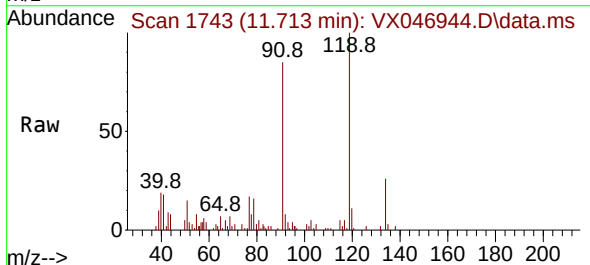
Manual Integrations
APPROVED

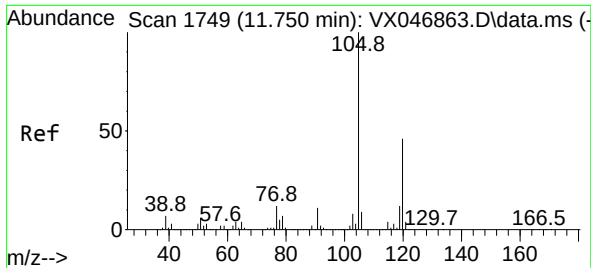
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#83
tert-Butylbenzene
Concen: 0.378 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

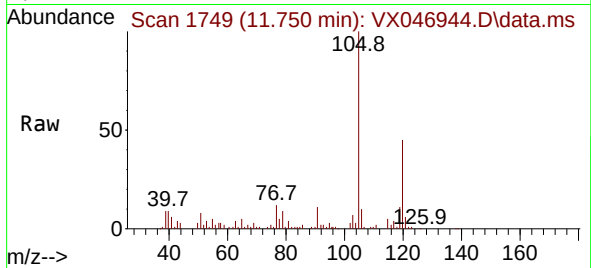
Tgt Ion:119 Resp: 8618
Ion Ratio Lower Upper
119 100
91 75.0 28.7 86.3
134 26.6 11.4 34.2





#84
1,2,4-Trimethylbenzene
Concen: 1.058 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04

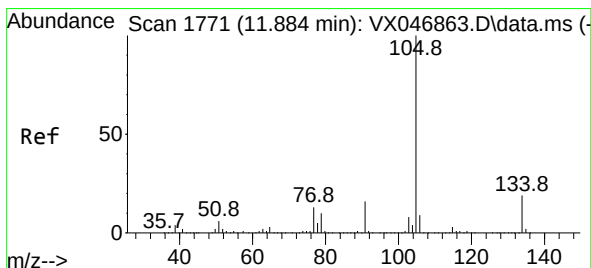
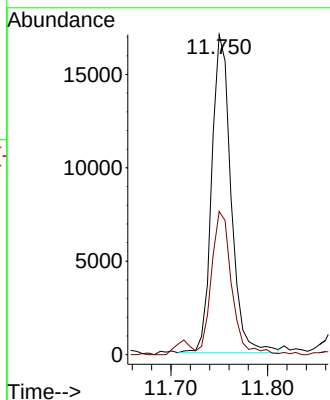
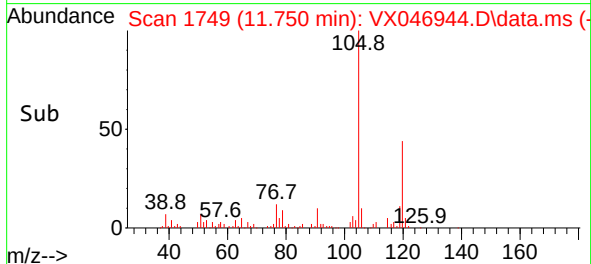
Instrument :
MSVOA_X
ClientSampleId :
AOC-202



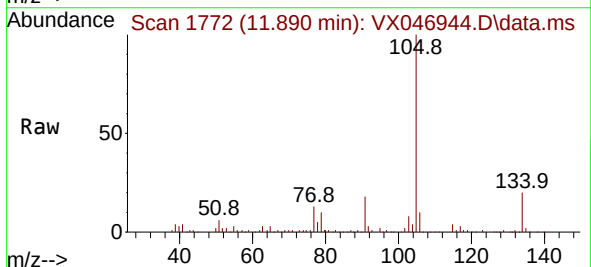
Tgt Ion:105 Resp: 2362
Ion Ratio Lower Upper
105 100
120 45.9 23.3 69.8

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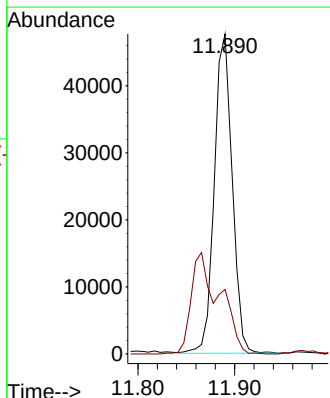
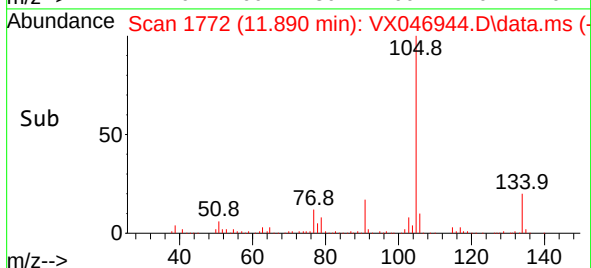
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

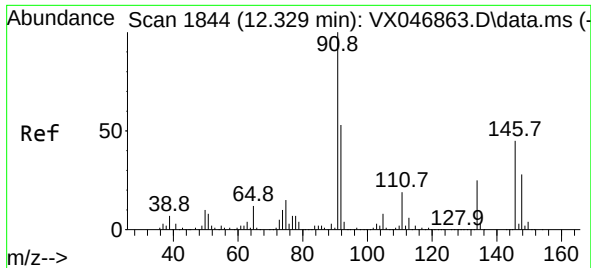


#85
sec-Butylbenzene
Concen: 2.126 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX046944.D
Acq: 10 Jul 2025 15:04



Tgt Ion:105 Resp: 61179
Ion Ratio Lower Upper
105 100
134 0.0 9.9 29.7#





#89

n-Butylbenzene

Concen: 0.631 ug/l m

RT: 12.323 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX046944.D

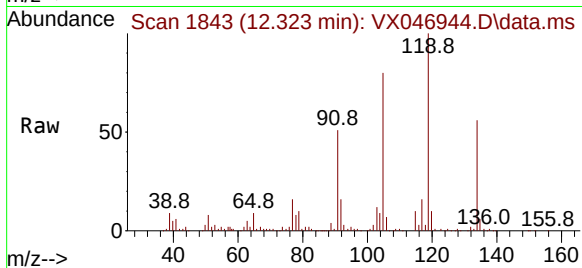
Acq: 10 Jul 2025 15:04

Instrument :

MSVOA_X

ClientSampleId :

AOC-202



Tgt Ion: 91	Resp: 14280
Ion Ratio	Lower Upper
91	100
92	91.5 27.0 81.0
134	413.9 12.8 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025

