

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
 Data File : VX045825.D
 Acq On : 17 Apr 2025 13:59
 Operator : JC/MD
 Sample : Q1814-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SCRUBBLE-TANK-LIQUID

Quant Time: Apr 18 03:38:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	66662	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128338	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64246	52.701	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.400%			
35) Dibromofluoromethane	5.385	113	45841	50.344	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.680%			
50) Toluene-d8	8.647	98	159993	50.341	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.680%			
62) 4-Bromofluorobenzene	11.079	95	61234	52.894	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.780%			
Target Compounds					Qvalue	
16) Acetone	2.386	43	1440	2.877	ug/l	94
31) Cyclohexane	5.458	56	1022m	0.683	ug/l	
39) Methylcyclohexane	7.373	83	2211	1.467	ug/l	85
40) Benzene	6.044	78	12120	3.228	ug/l	94
52) Toluene	8.720	92	10044	4.421	ug/l	99
67) Ethyl Benzene	10.195	91	2491	0.539	ug/l #	85
68) m/p-Xylenes	10.299	106	4756	2.830	ug/l	95
69) o-Xylene	10.647	106	1651	0.997	ug/l	89
80) 1,3,5-Trimethylbenzene	11.451	105	2020	0.571	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3644	1.026	ug/l	97
95) Naphthalene	13.780	128	2663	0.719	ug/l	97

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

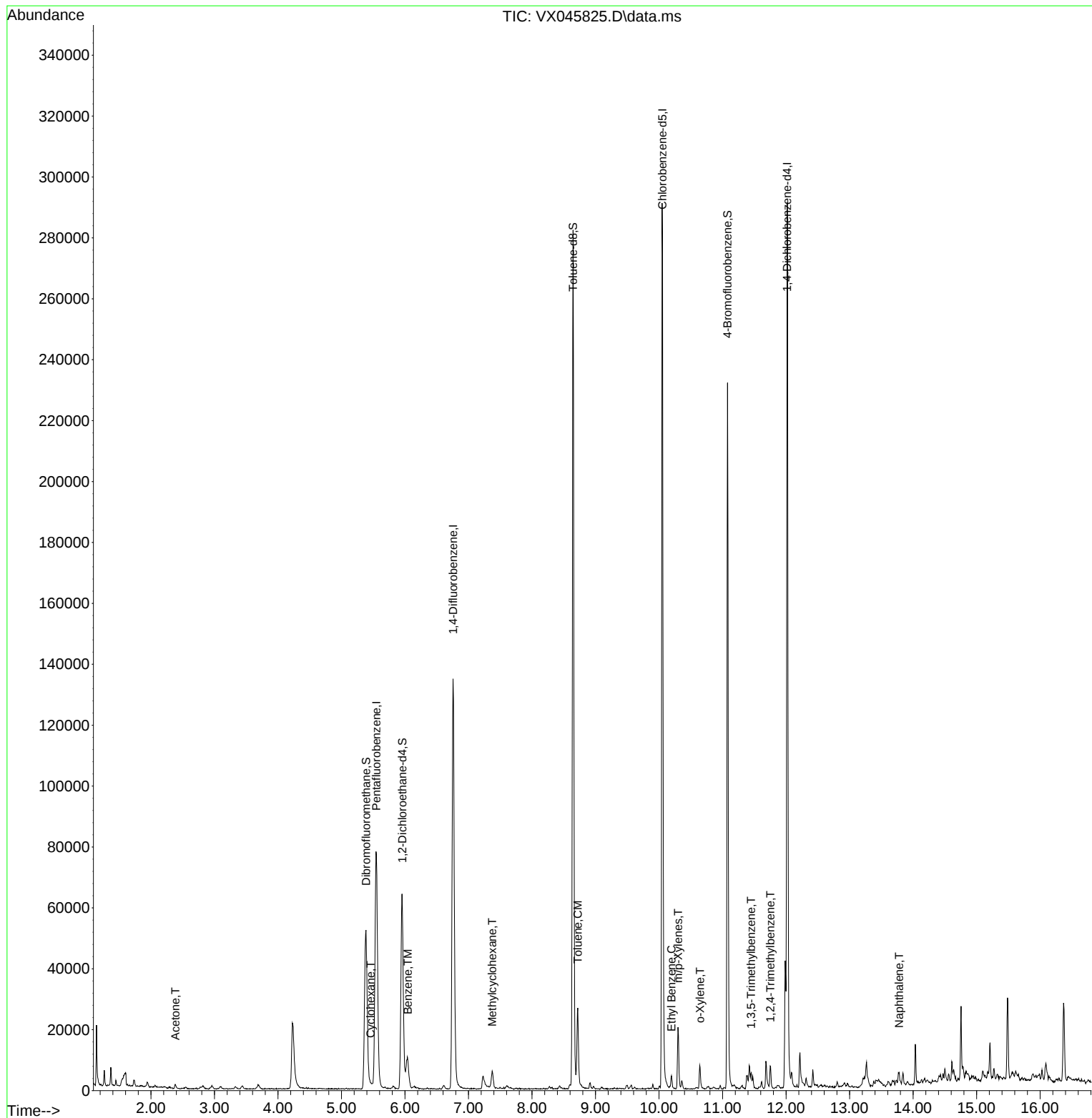
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041725\
Data File : VX045825.D
Acq On : 17 Apr 2025 13:59
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Sample : Q1814-02 50X
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ALS Vial : 10 Sample Multiplier: 1

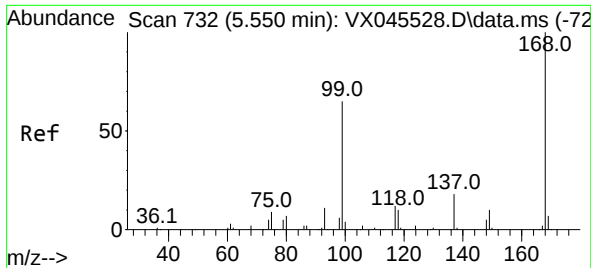
Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID

Quant Time: Apr 18 03:38:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
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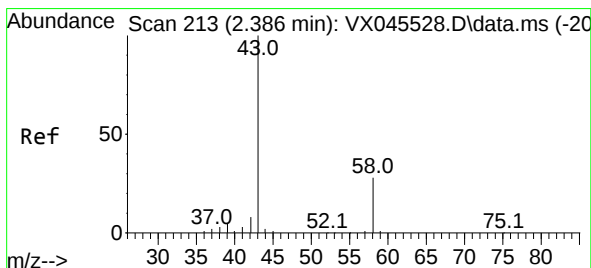
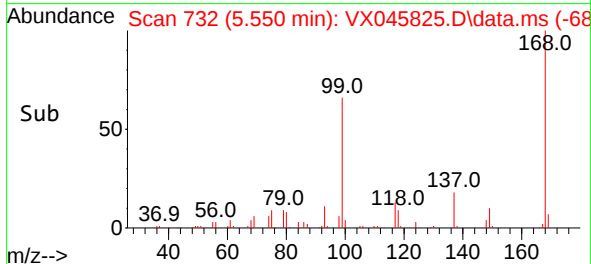
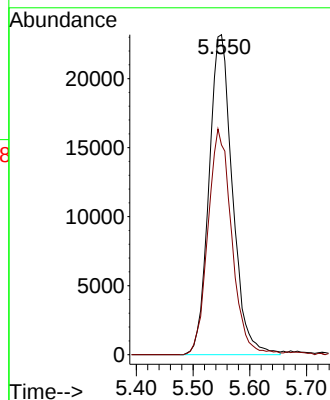
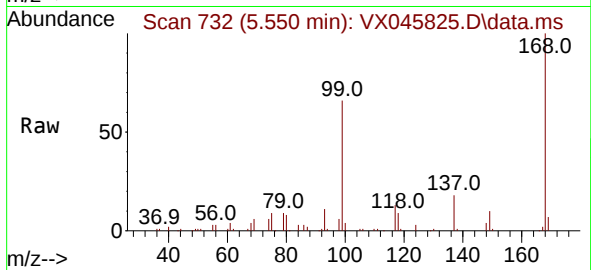
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID

Tgt Ion:168 Resp: 66662
Ion Ratio Lower Upper
168 100
99 65.6 52.3 78.5

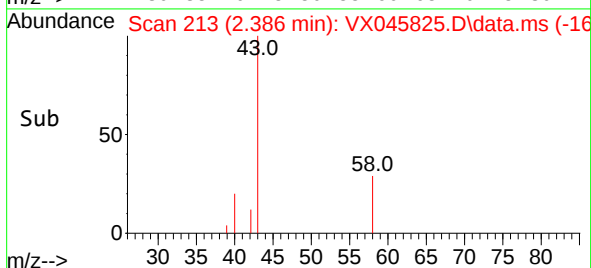
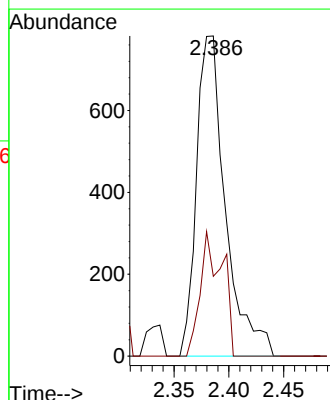
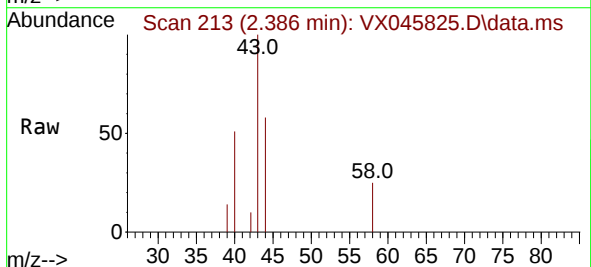
Manual Integrations
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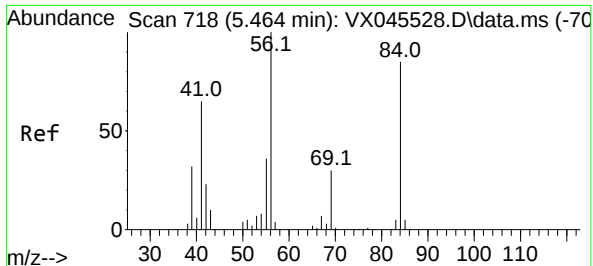
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#16
Acetone
Concen: 2.877 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

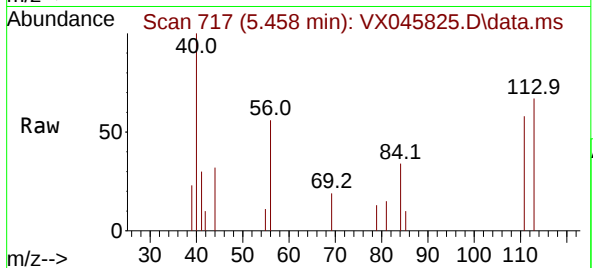
Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
58 24.9 22.3 33.5





#31
Cyclohexane
Concen: 0.683 ug/l m
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

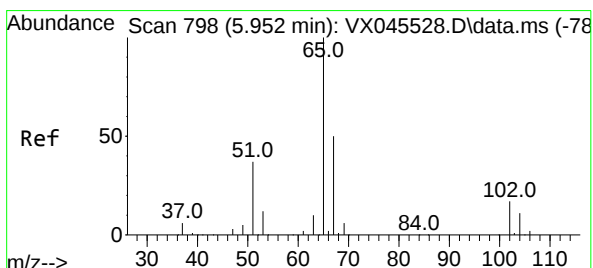
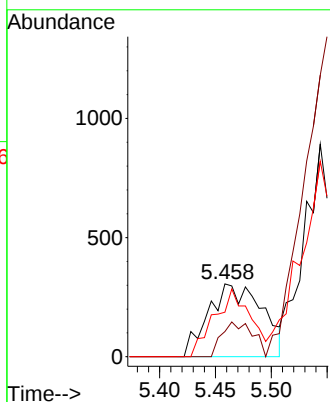
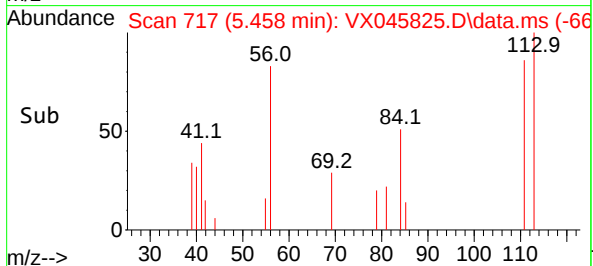
Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID



Tgt Ion: 56 Resp: 102
Ion Ratio Lower Upper
56 100
69 34.6 23.6 35.4
84 61.1 67.7 101.5

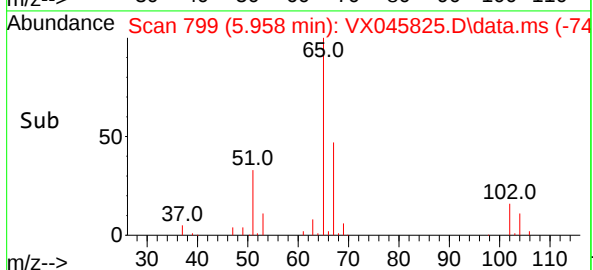
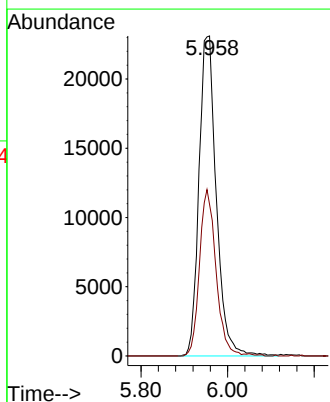
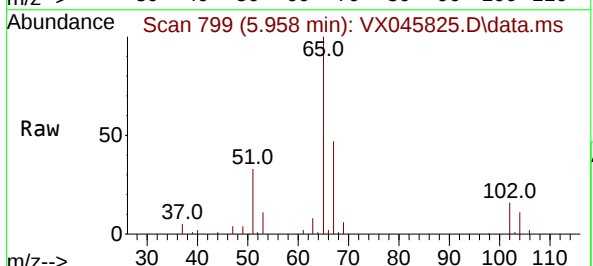
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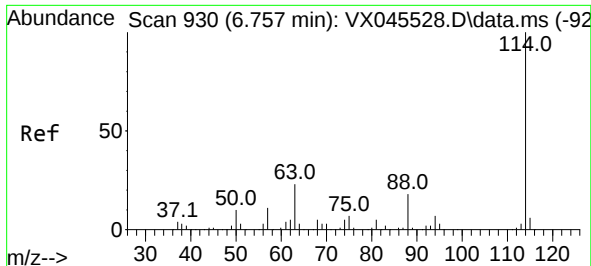
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#33
1,2-Dichloroethane-d4
Concen: 52.701 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion: 65 Resp: 64246
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0





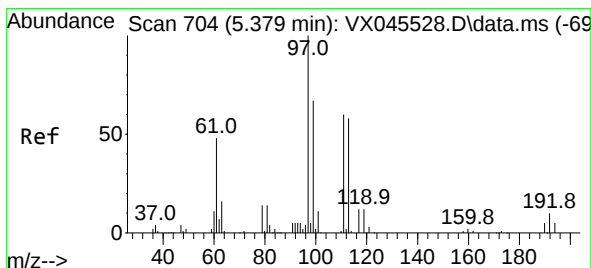
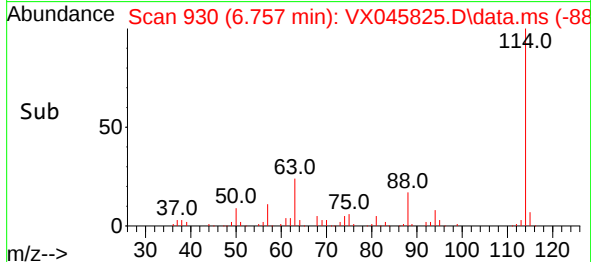
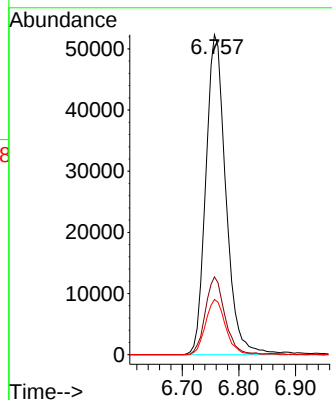
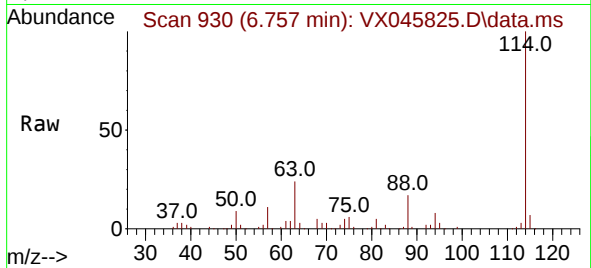
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID

Tgt Ion:114 Resp: 128338
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.2 0.0 35.4

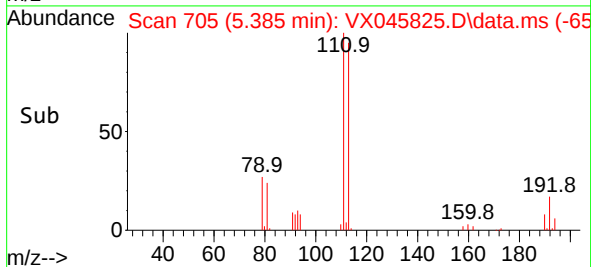
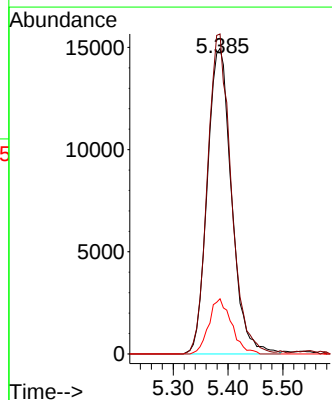
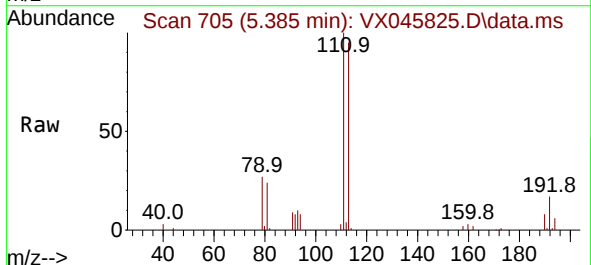
Manual Integrations
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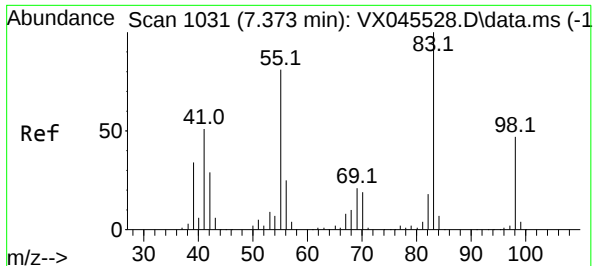
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#35
Dibromofluoromethane
Concen: 50.344 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Tgt Ion:113 Resp: 45841
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 17.0 13.8 20.6





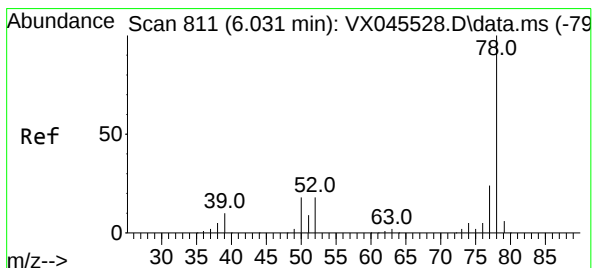
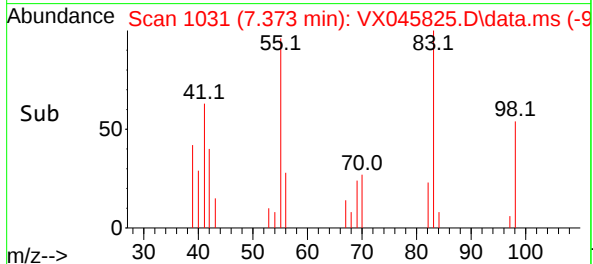
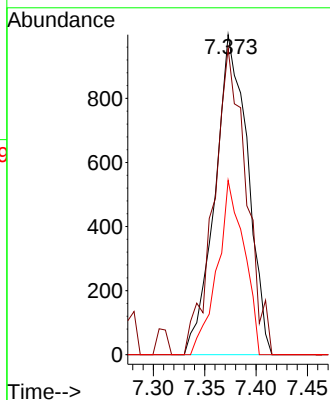
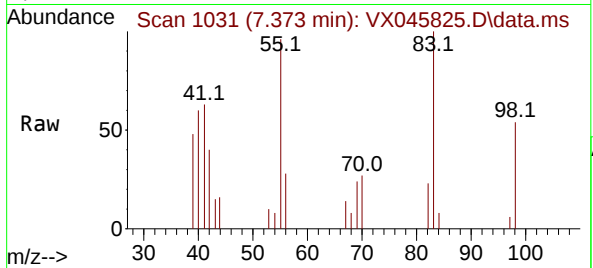
#39
Methylcyclohexane
Concen: 1.467 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID

Tgt Ion: 83 Resp: 221
Ion Ratio Lower Upper
83 100
55 95.7 64.9 97.3
98 54.5 37.4 56.0

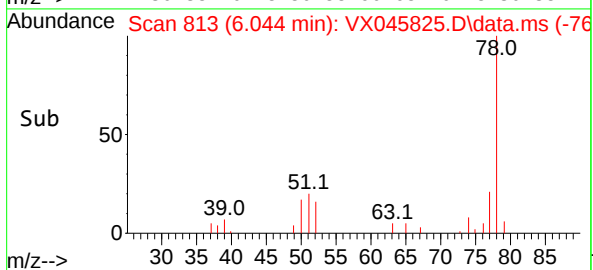
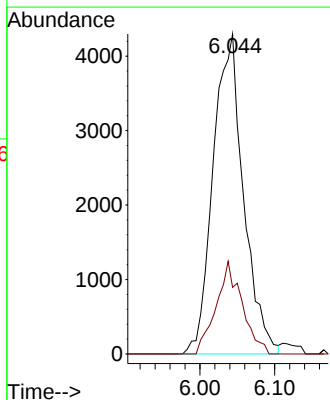
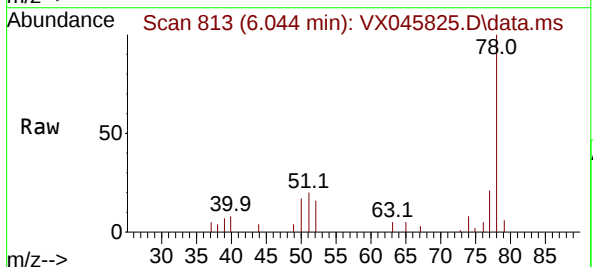
Manual Integrations
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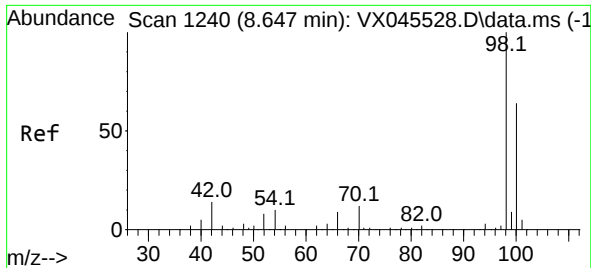
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#40
Benzene
Concen: 3.228 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

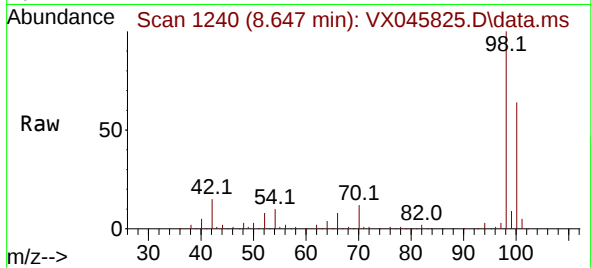
Tgt Ion: 78 Resp: 12120
Ion Ratio Lower Upper
78 100
77 20.8 19.0 28.6





#50
Toluene-d8
Concen: 50.341 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

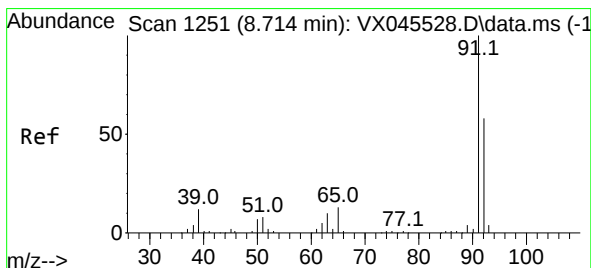
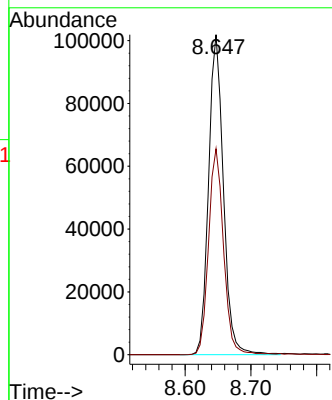
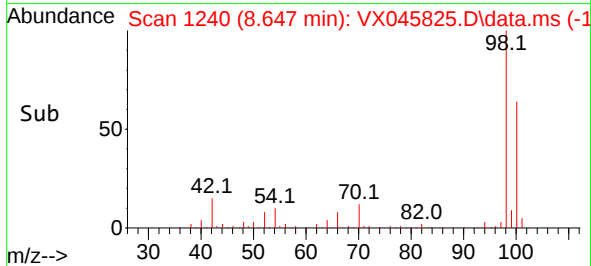
Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID



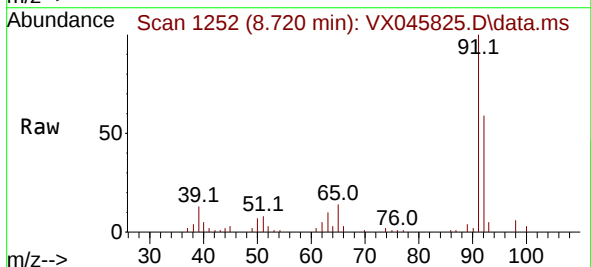
Tgt Ion: 98 Resp: 15999
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4

Manual Integrations
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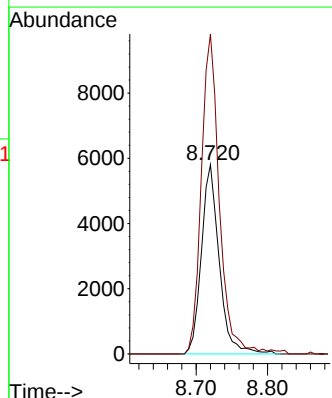
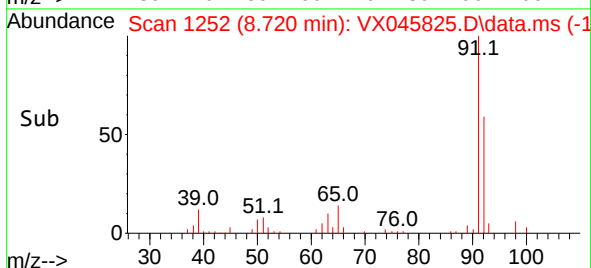
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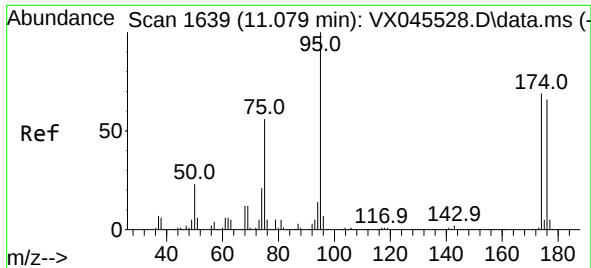


#52
Toluene
Concen: 4.421 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59



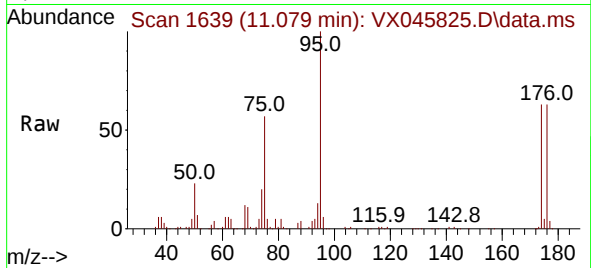
Tgt Ion: 92 Resp: 10044
Ion Ratio Lower Upper
92 100
91 171.9 138.7 208.1





#62
4-Bromofluorobenzene
Concen: 52.894 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

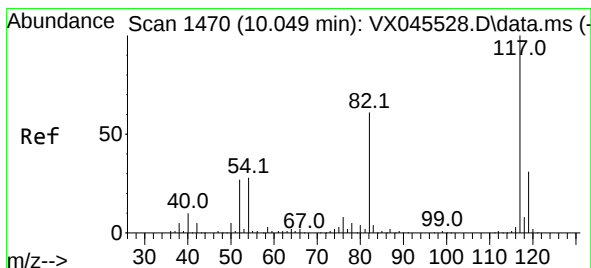
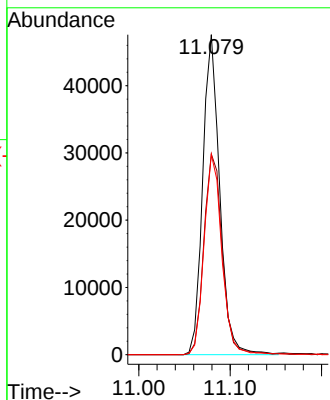
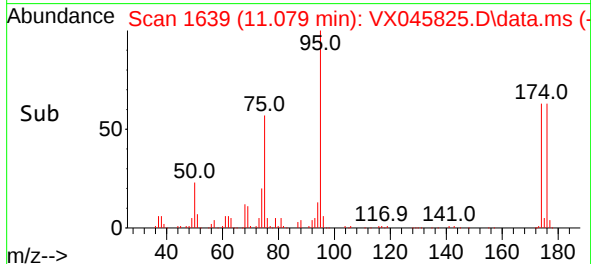
Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID



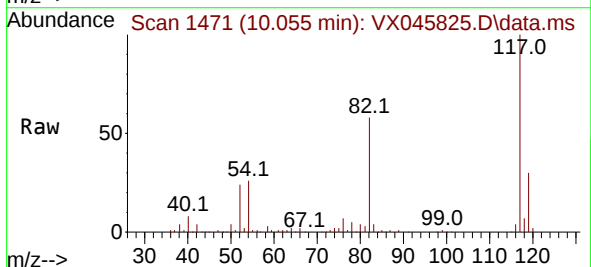
Tgt Ion: 95 Resp: 61234
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.8
176 65.7 0.0 131.4

Manual Integrations
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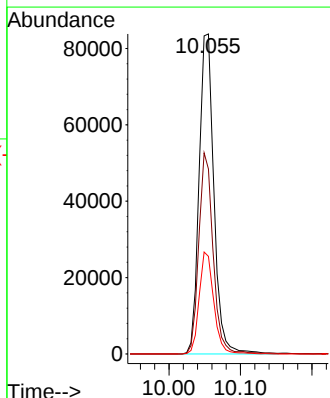
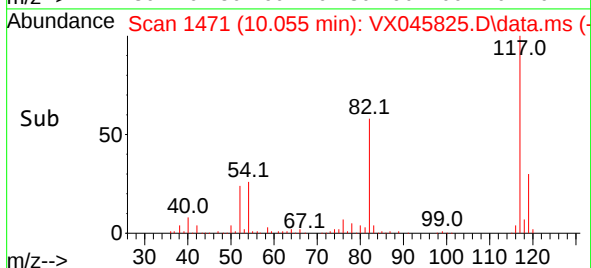
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

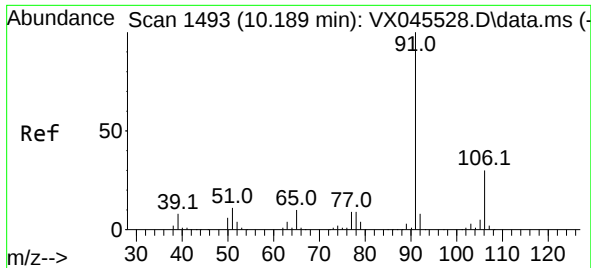


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59



Tgt Ion:117 Resp: 120718
Ion Ratio Lower Upper
117 100
82 57.8 49.2 73.8
119 30.5 25.1 37.7





#67

Ethyl Benzene

Concen: 0.539 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX045825.D

Acq: 17 Apr 2025 13:59

Instrument :

MSVOA_X

ClientSampleId :

SCRUBBLE-TANK-LIQUID

Tgt Ion: 91 Resp: 249

Ion Ratio Lower Upper

91 100

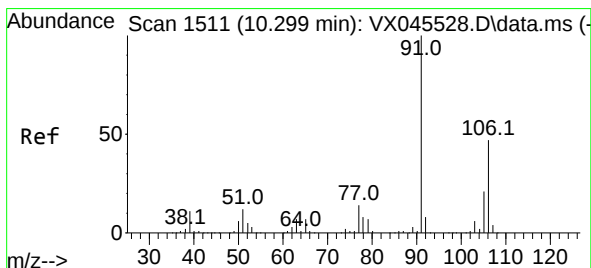
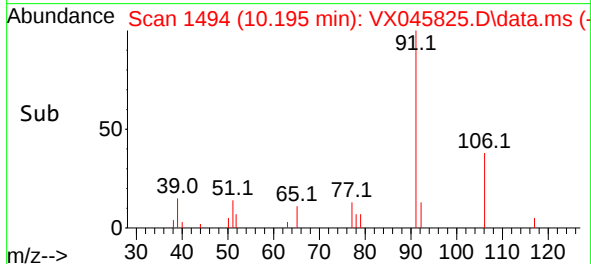
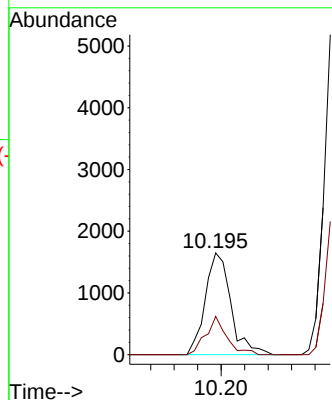
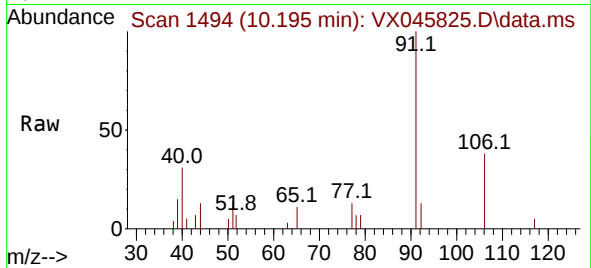
106 37.6 23.7 35.5

Manual Integrations

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Supervised By :Mahesh Dadoda 04/18/2025



#68

m/p-Xylenes

Concen: 2.830 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX045825.D

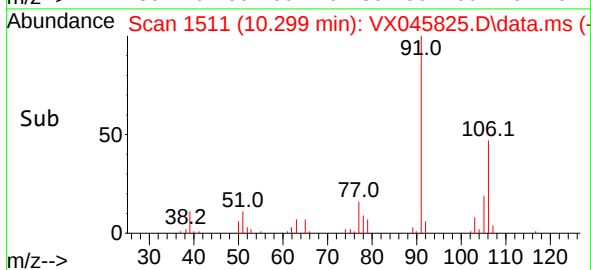
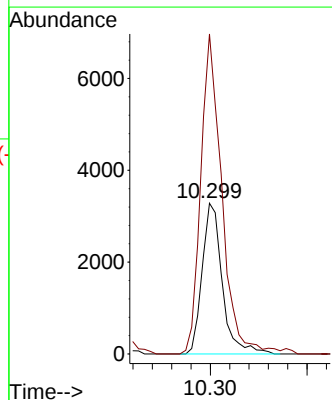
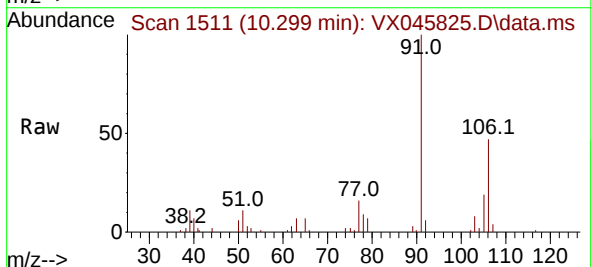
Acq: 17 Apr 2025 13:59

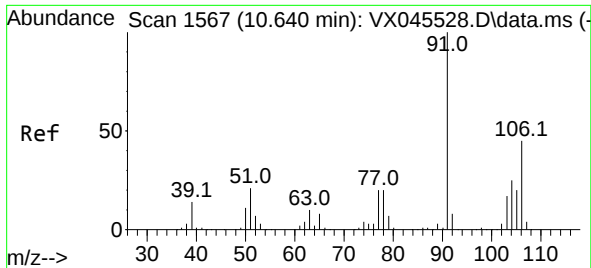
Tgt Ion:106 Resp: 4756

Ion Ratio Lower Upper

106 100

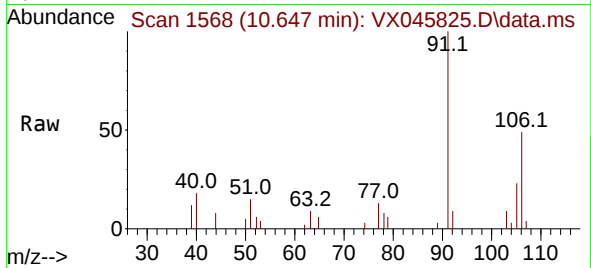
91 223.0 172.6 258.8





#69
o-Xylene
Concen: 0.997 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

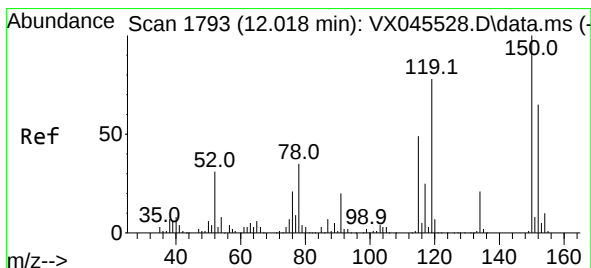
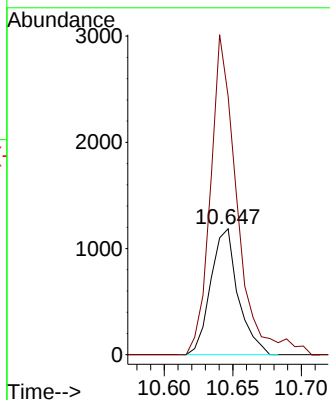
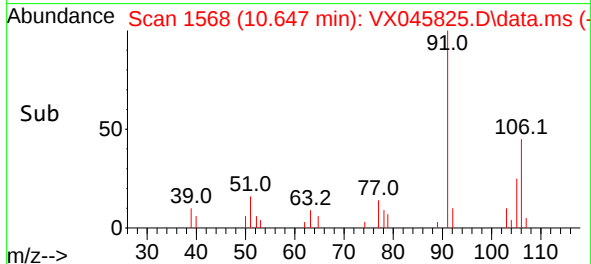
Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID



Tgt Ion:106 Resp: 165
Ion Ratio Lower Upper
106 100
91 245.8 113.6 340.6

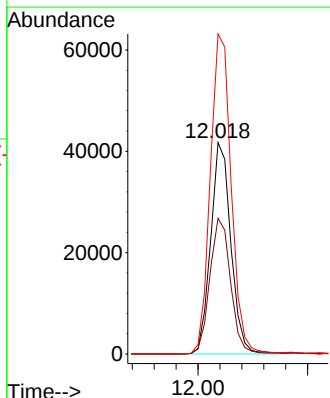
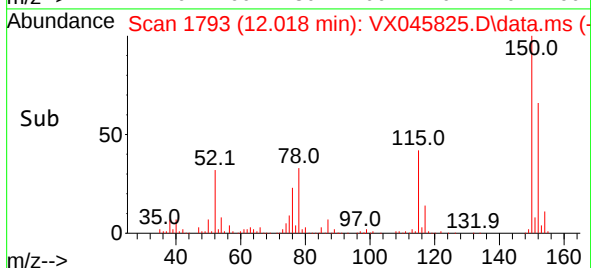
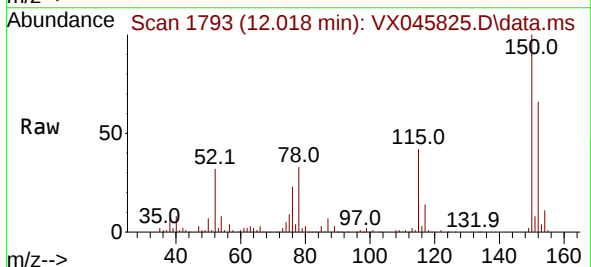
Manual Integrations
APPROVED

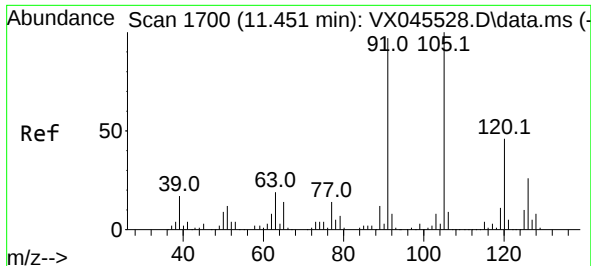
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

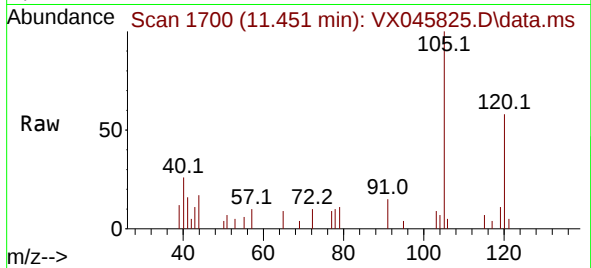
Tgt Ion:152 Resp: 53408
Ion Ratio Lower Upper
152 100
115 66.4 46.9 140.7
150 157.0 0.0 349.4





#80
1,3,5-Trimethylbenzene
Concen: 0.571 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

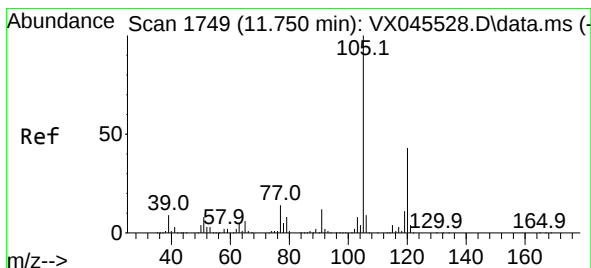
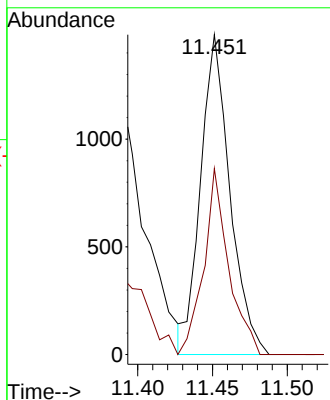
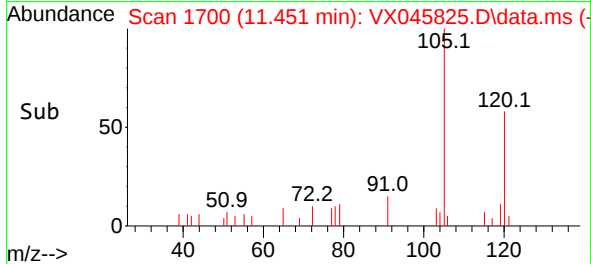
Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID



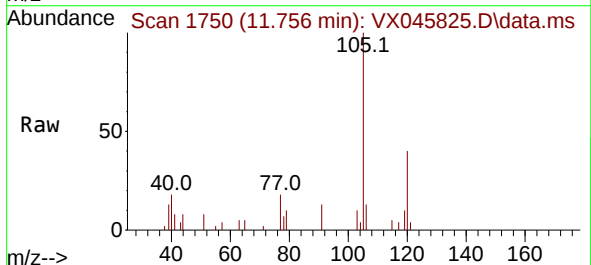
Tgt Ion:105 Resp: 2020
Ion Ratio Lower Upper
105 100
120 49.4 23.0 69.0

Manual Integrations
APPROVED

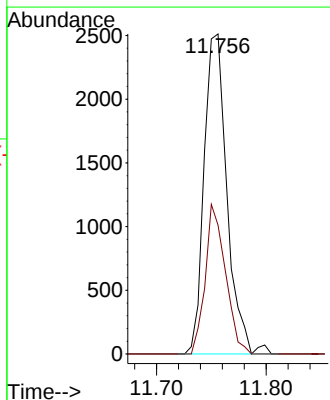
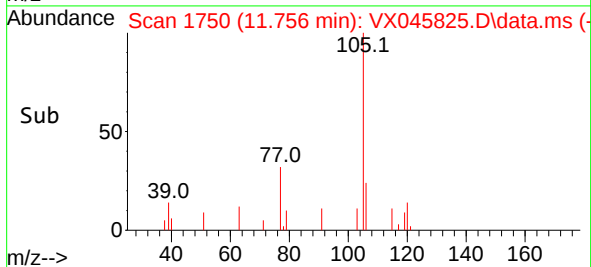
Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

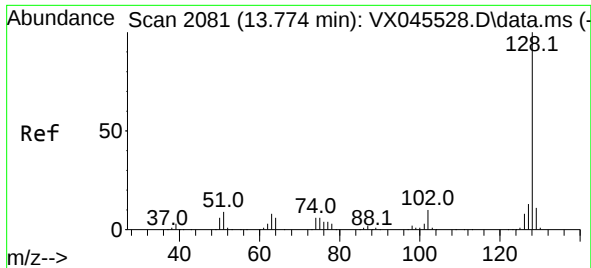


#84
1,2,4-Trimethylbenzene
Concen: 1.026 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59



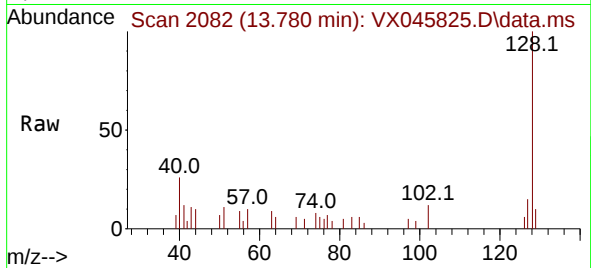
Tgt Ion:105 Resp: 3644
Ion Ratio Lower Upper
105 100
120 41.2 21.4 64.3





#95
Naphthalene
Concen: 0.719 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045825.D
Acq: 17 Apr 2025 13:59

Instrument :
MSVOA_X
ClientSampleId :
SCRUBBLE-TANK-LIQUID



Tgt Ion:128 Resp: 266
Ion Ratio Lower Upper
128 100
127 15.1 10.3 15.5
129 10.4 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

