

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047027.D
 Acq On : 16 Jul 2025 14:03
 Operator : JC/MD
 Sample : Q2600-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

Quant Time: Jul 17 03:33:50 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

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	466941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	838214	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	804001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	413019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	339558	55.045	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 110.080%			
35) Dibromofluoromethane	5.397	113	278243	48.902	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	8.653	98	1018254	50.723	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.079	95	423137	55.460	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.920%			
Target Compounds						
						Qvalue
16) Acetone	2.392	43	97640	50.957	ug/l	94
18) Methyl Acetate	2.715	43	38116	7.547	ug/l	93
20) Methylene Chloride	2.806	84	38758	6.840	ug/l	97
25) 2-Butanone	4.599	43	16749	6.552	ug/l #	90
37) Ethyl Acetate	4.745	43	20993m	3.211	ug/l	
43) Isopropyl Acetate	6.361	43	14933	1.491	ug/l #	95
73) Isopropylbenzene	10.963	105	44739	1.541	ug/l	98
85) sec-Butylbenzene	11.890	105	77130	2.511	ug/l	99

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

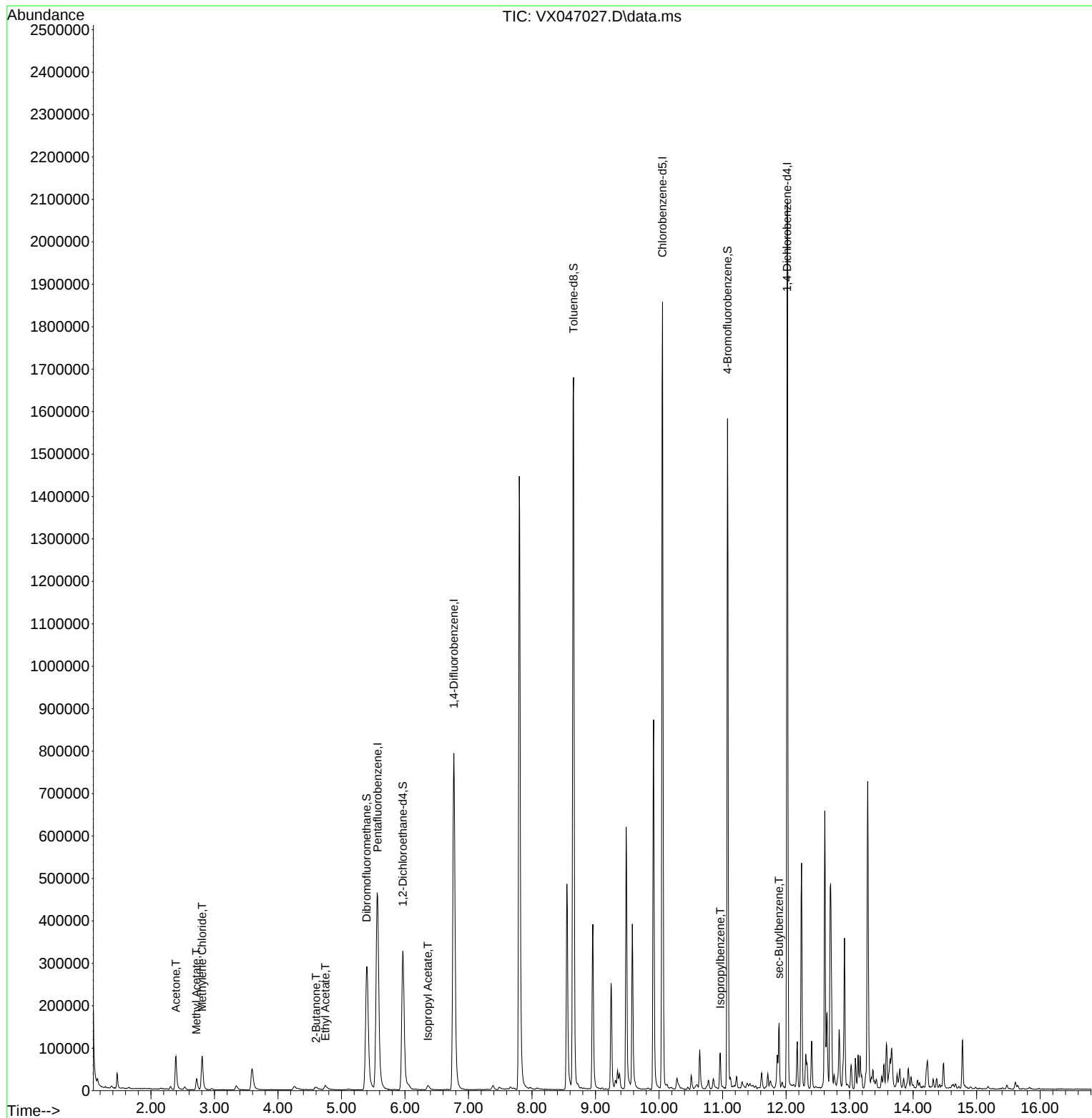
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
Data File : VX047027.D
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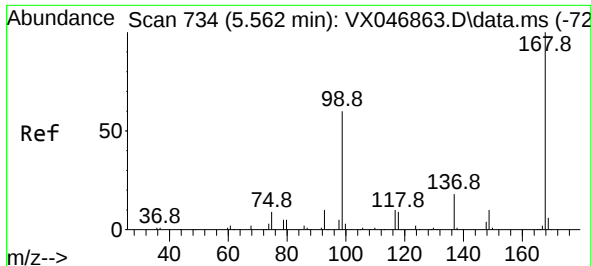
Instrument :
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ClientSampleId :
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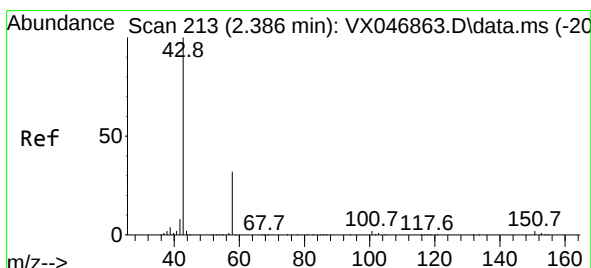
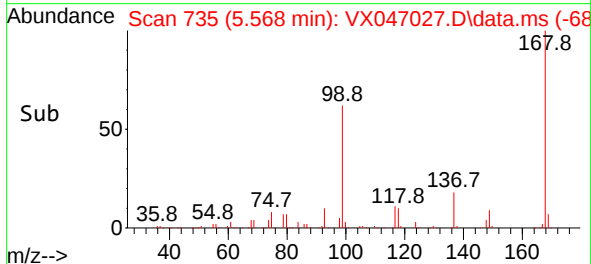
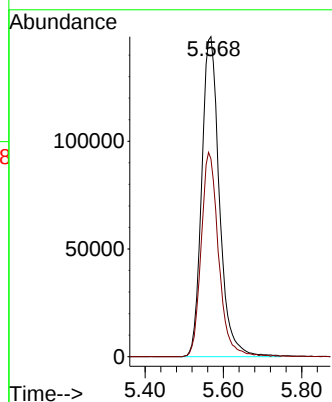
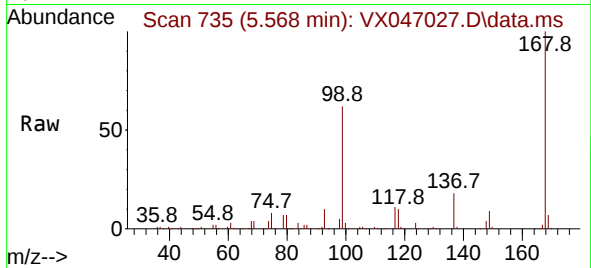
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE

Tgt Ion:168 Resp: 46694
Ion Ratio Lower Upper
168 100
99 61.9 48.8 73.2

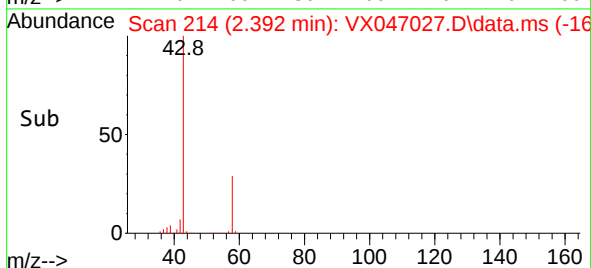
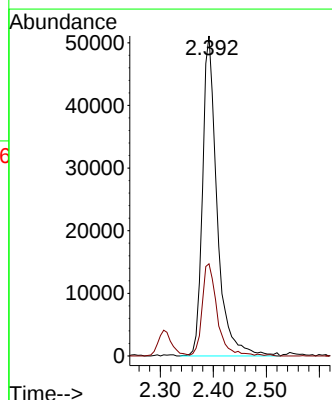
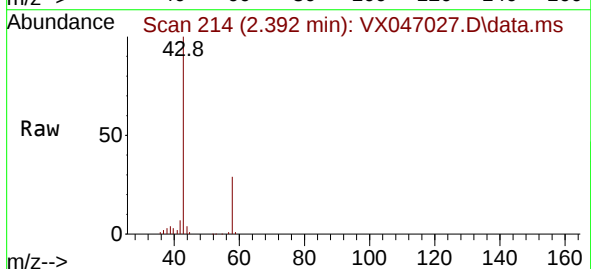
Manual Integrations
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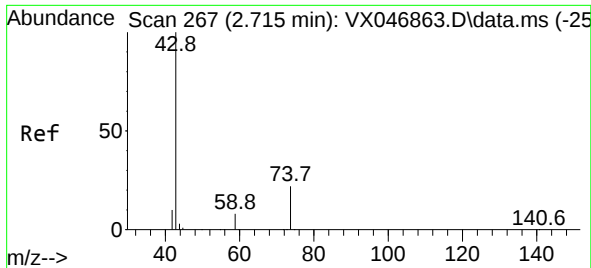
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#16
Acetone
Concen: 50.957 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Tgt Ion: 43 Resp: 97640
Ion Ratio Lower Upper
43 100
58 28.8 25.8 38.6





#18
Methyl Acetate
Concen: 7.547 ug/l
RT: 2.715 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

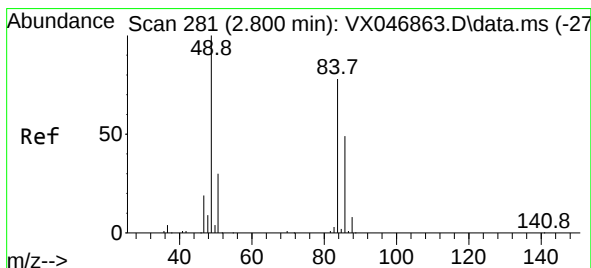
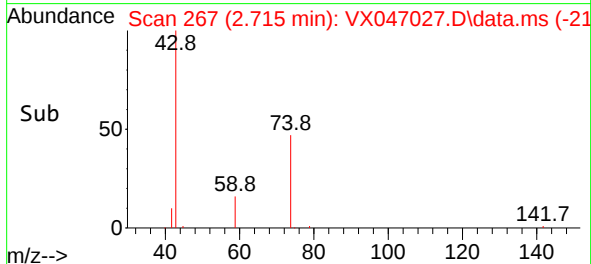
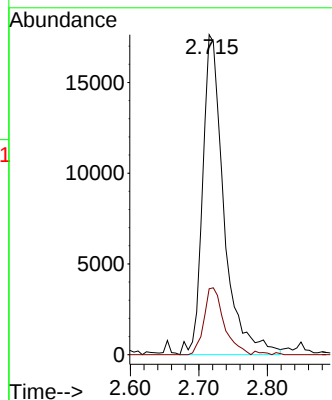
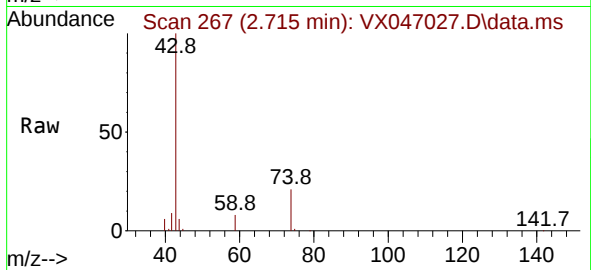
STOCK-PILE

Tgt Ion: 43 Resp: 38110
Ion Ratio Lower Upper
43 100
74 19.7 18.3 27.5

Manual Integrations

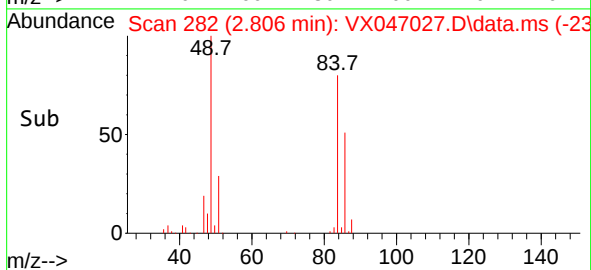
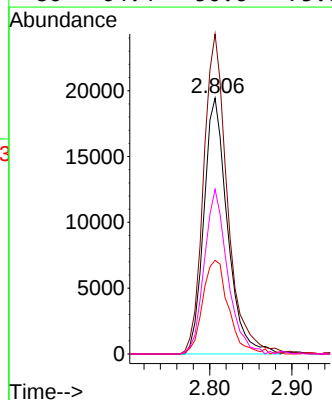
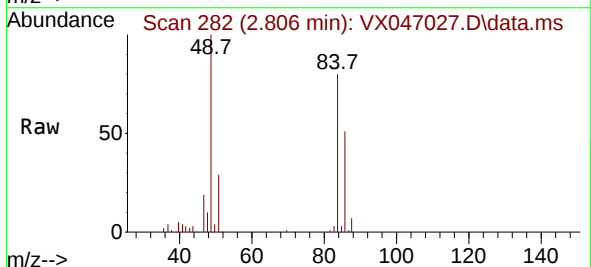
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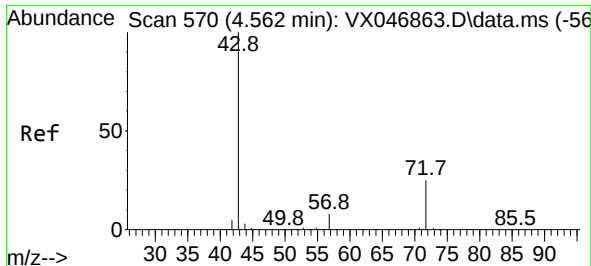
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 6.840 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Tgt Ion: 84 Resp: 38758
Ion Ratio Lower Upper
84 100
49 125.1 102.8 154.2
51 36.6 31.1 46.7
86 64.4 50.6 75.8





#25

2-Butanone

Concen: 6.552 ug/l

RT: 4.599 min Scan# 51

Delta R.T. 0.037 min

Lab File: VX047027.D

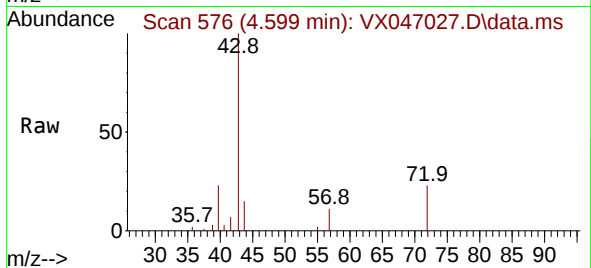
Acq: 16 Jul 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE



Tgt Ion: 43 Resp: 16749

Ion Ratio Lower Upper

43 100

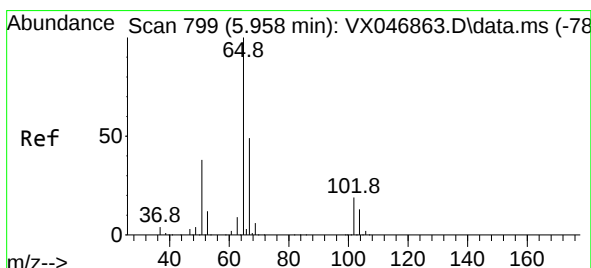
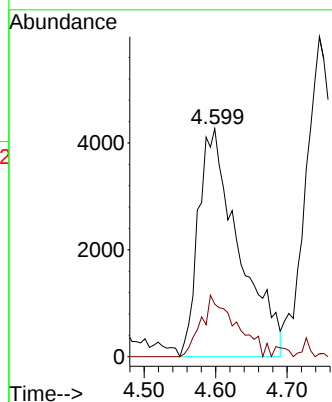
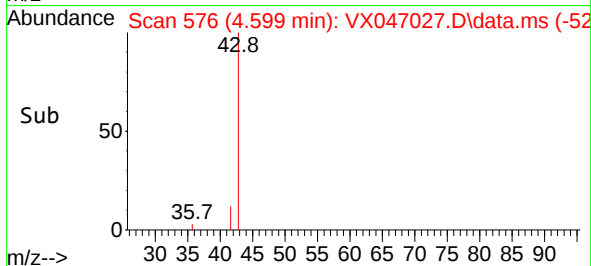
72 19.9 20.0 30.0

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 55.045 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047027.D

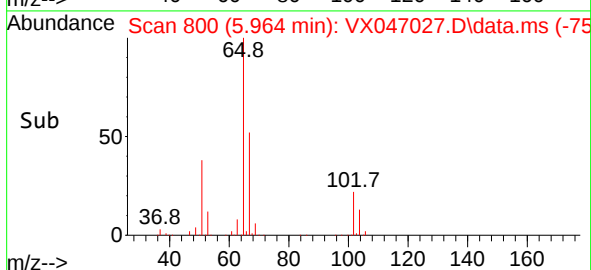
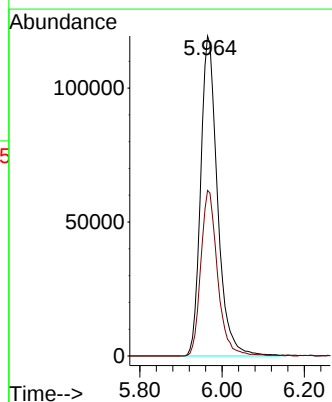
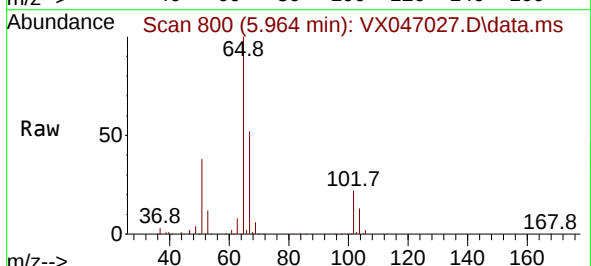
Acq: 16 Jul 2025 14:03

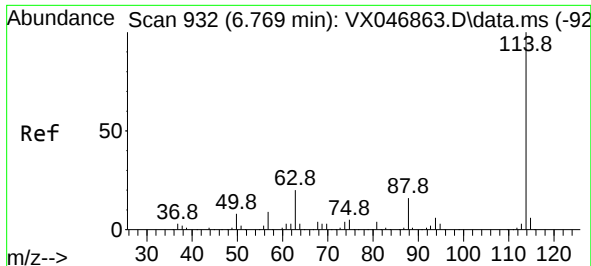
Tgt Ion: 65 Resp: 339558

Ion Ratio Lower Upper

65 100

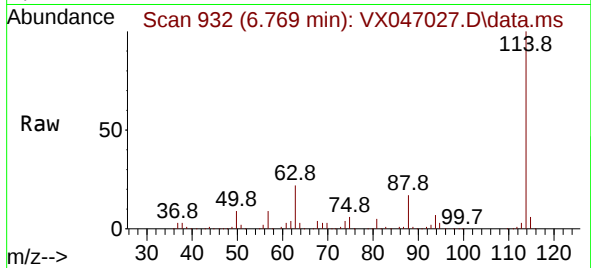
67 51.6 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 914
Delta R.T. 0.000 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

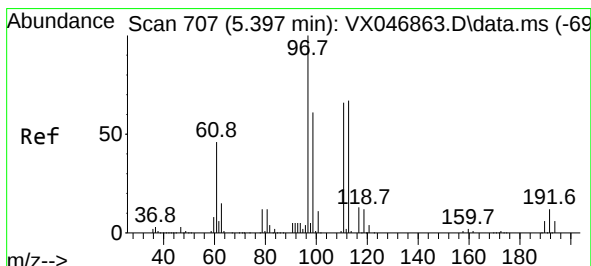
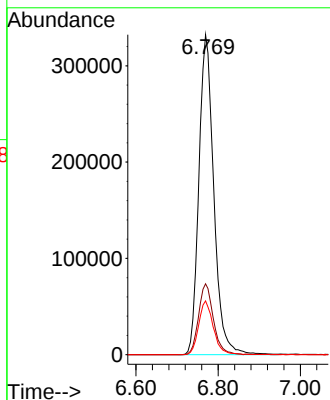
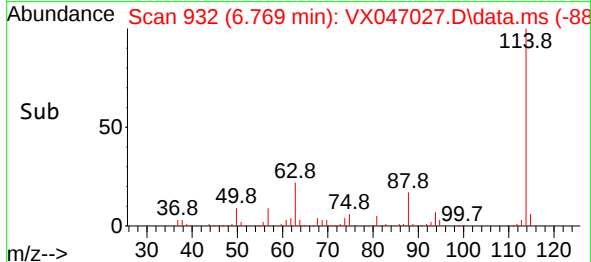
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE



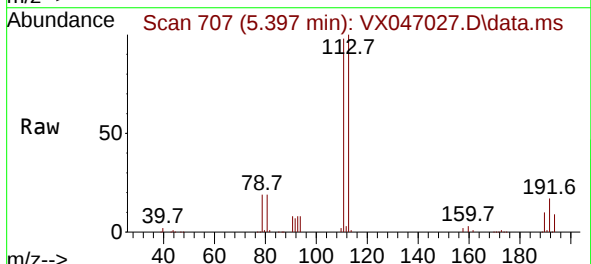
Tgt Ion:114 Resp: 838214
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.4
88 16.8 0.0 31.0

Manual Integrations
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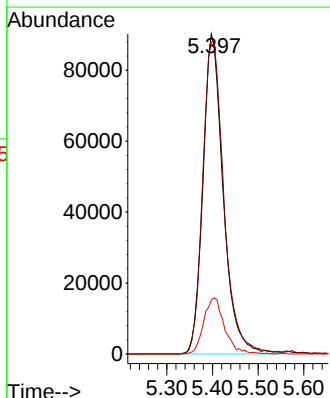
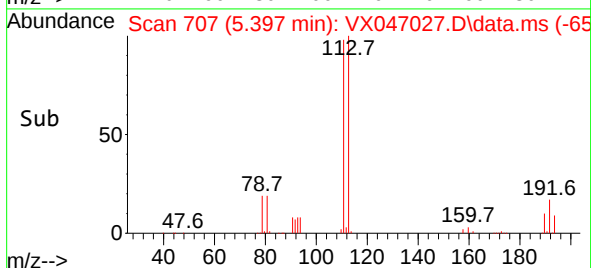
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

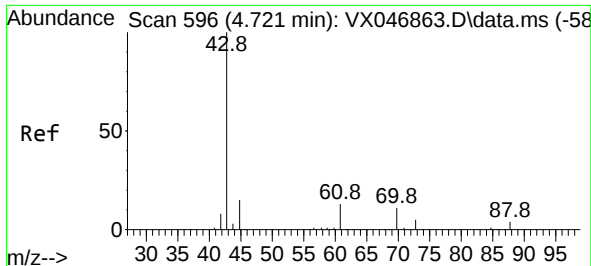


#35
Dibromofluoromethane
Concen: 48.902 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03



Tgt Ion:113 Resp: 278243
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.0 15.3 22.9





#37

Ethyl Acetate

Concen: 3.211 ug/l m

RT: 4.745 min Scan# 60

Delta R.T. 0.024 min

Lab File: VX047027.D

Acq: 16 Jul 2025 14:03

Instrument :

MSVOA_X

ClientSampleId :

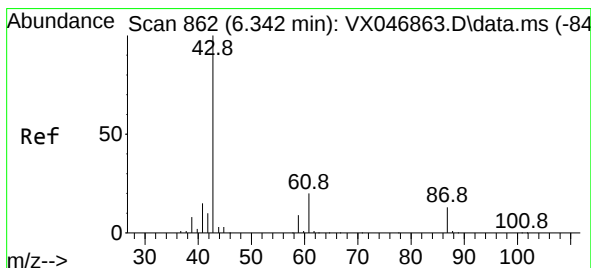
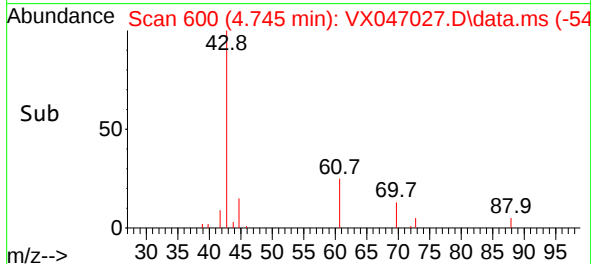
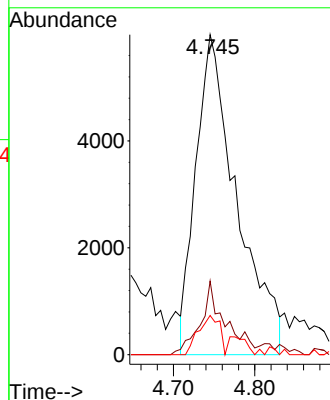
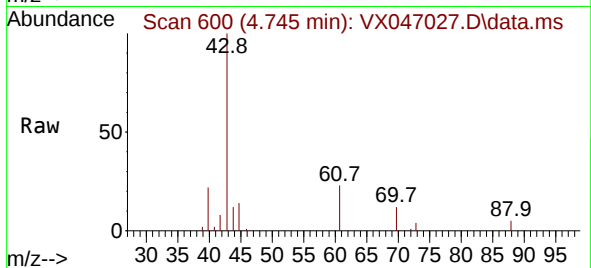
STOCK-PILE

Tgt Ion: 43	Resp: 2099
Ion Ratio	Lower Upper
43 100	
61 13.9	9.7 14.5
70 6.3	8.3 12.5

Manual Integrations

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Supervised By :Semsettin Yesilyurt 07/17/2025



#43

Isopropyl Acetate

Concen: 1.491 ug/l

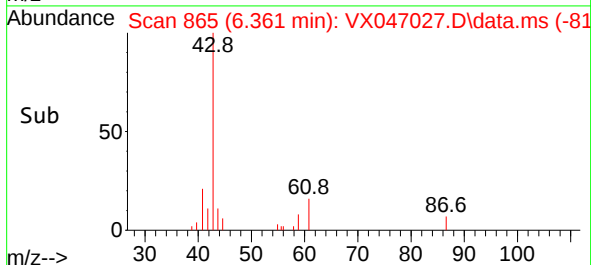
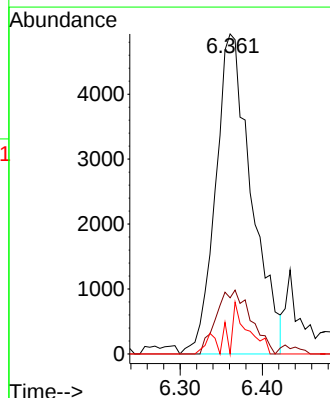
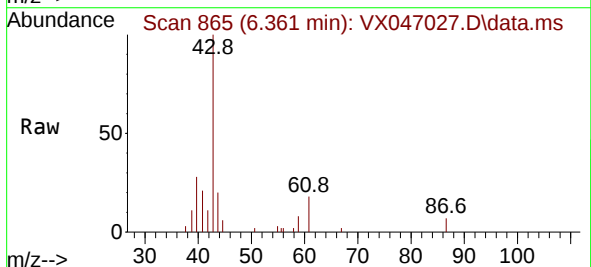
RT: 6.361 min Scan# 865

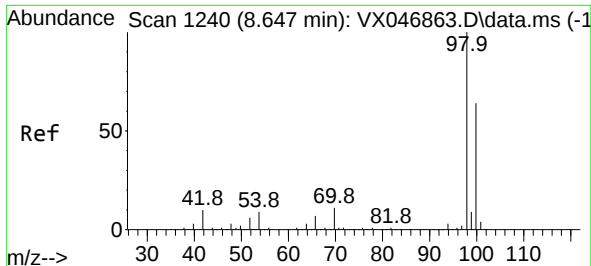
Delta R.T. 0.018 min

Lab File: VX047027.D

Acq: 16 Jul 2025 14:03

Tgt Ion: 43	Resp: 14933
Ion Ratio	Lower Upper
43 100	
61 19.4	15.7 23.5
87 7.8	10.1 15.1





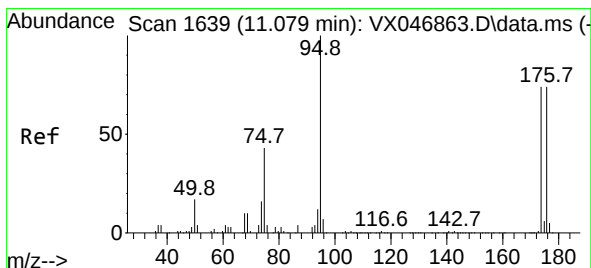
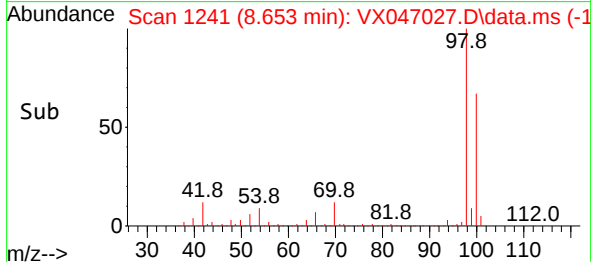
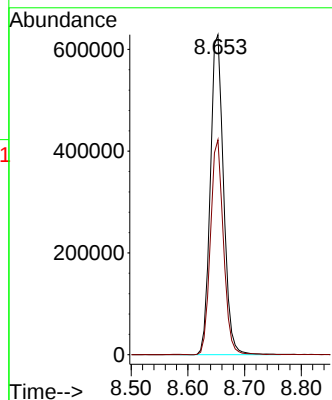
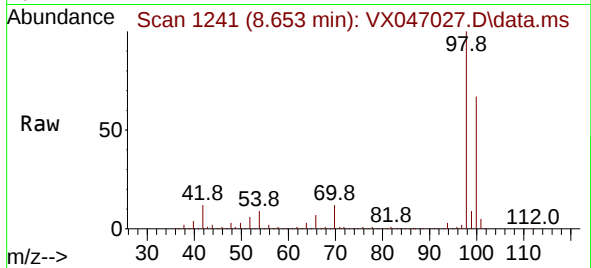
#50
Toluene-d8
Concen: 50.723 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE

Tgt Ion: 98 Resp: 1018254
Ion Ratio Lower Upper
98 100
100 65.9 53.0 79.6

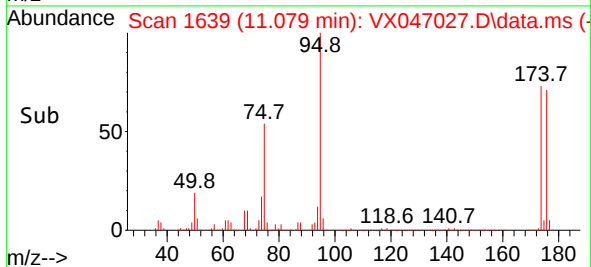
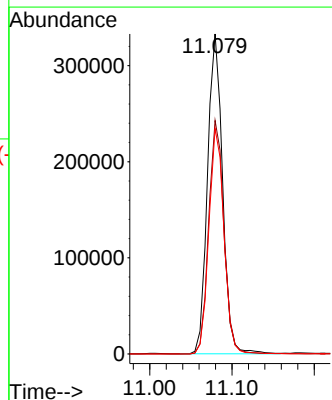
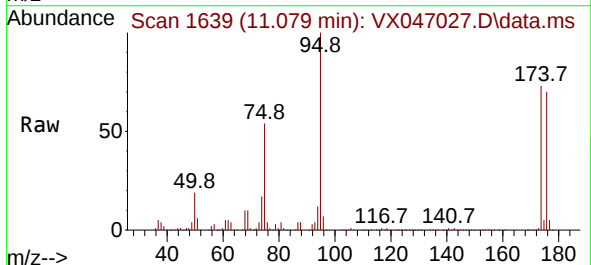
Manual Integrations
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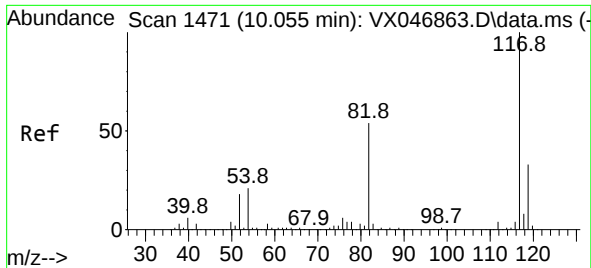
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
4-Bromofluorobenzene
Concen: 55.460 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

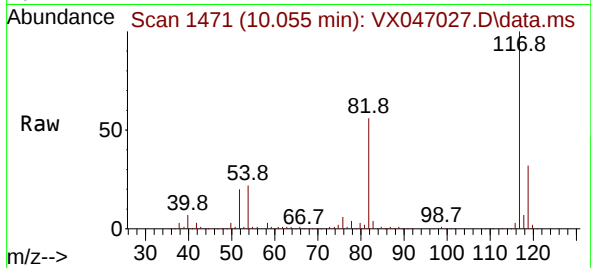
Tgt Ion: 95 Resp: 423137
Ion Ratio Lower Upper
95 100
174 74.0 0.0 152.0
176 70.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

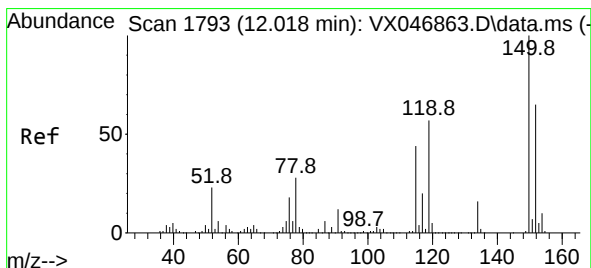
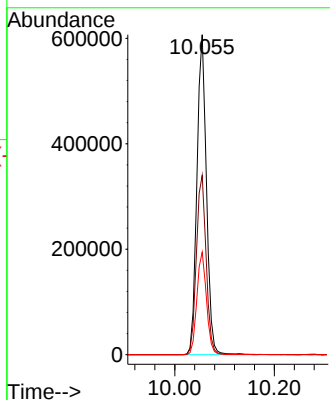
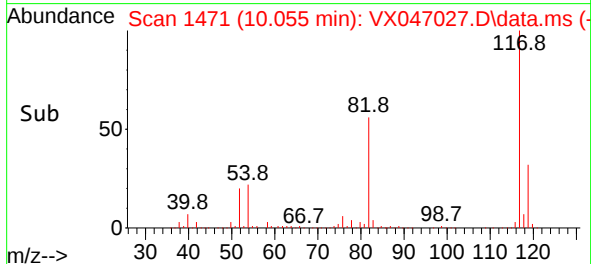
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE



Tgt Ion:117 Resp: 80400
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.1 26.4 39.6

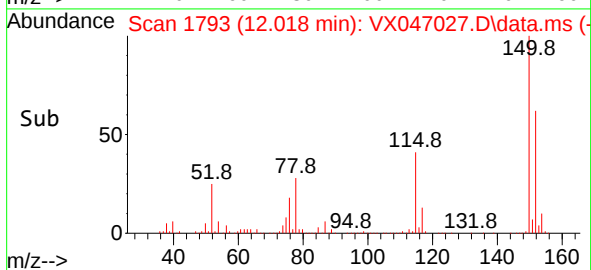
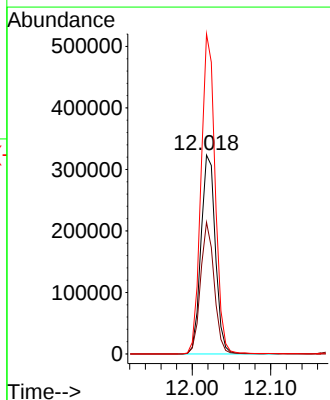
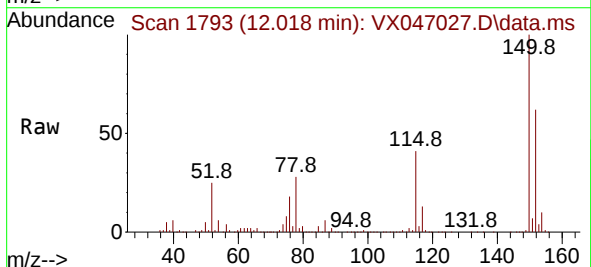
Manual Integrations
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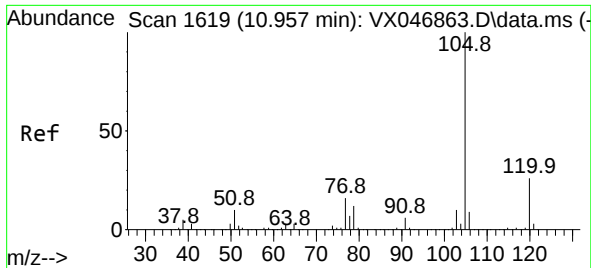
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Tgt Ion:152 Resp: 413019
Ion Ratio Lower Upper
152 100
115 62.8 42.4 127.1
150 157.8 0.0 349.2





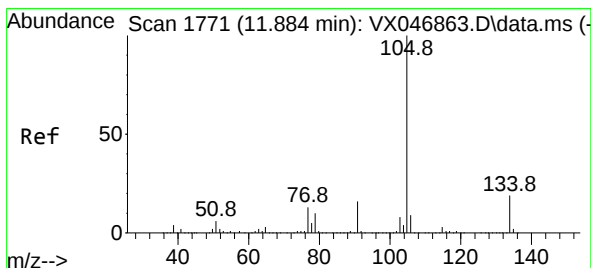
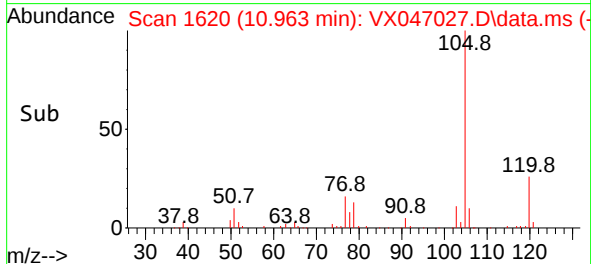
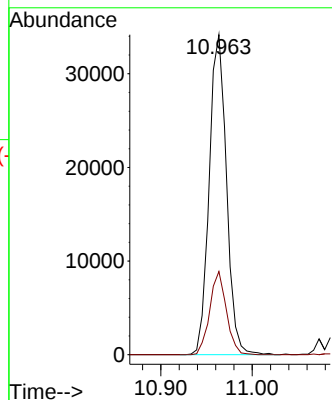
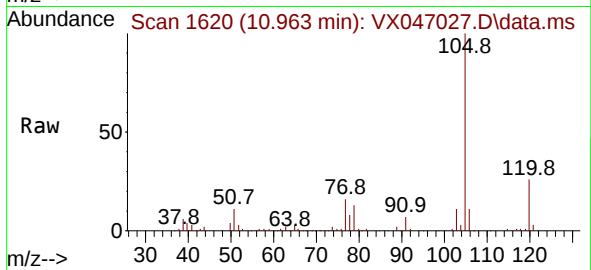
#73
Isopropylbenzene
Concen: 1.541 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE

Tgt Ion:105 Resp: 44739
Ion Ratio Lower Upper
105 100
120 25.1 13.2 39.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#85
sec-Butylbenzene
Concen: 2.511 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX047027.D
Acq: 16 Jul 2025 14:03

Tgt Ion:105 Resp: 77130
Ion Ratio Lower Upper
105 100
134 19.1 9.9 29.7

