

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047012.D
 Acq On : 15 Jul 2025 18:52
 Operator : JC/MD
 Sample : Q2600-07
 Misc : 6.77g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 16 02:33:44 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						07/16/2025
1) Pentafluorobenzene	5.556	168	340958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	581697	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	233909	50.000	ug/l	0.00
System Monitoring Compounds						07/16/2025
33) 1,2-Dichloroethane-d4	5.958	65	231356	51.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.720%
35) Dibromofluoromethane	5.397	113	183162	46.387	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.780%
50) Toluene-d8	8.647	98	665971	47.804	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.600%
62) 4-Bromofluorobenzene	11.079	95	272355	51.439	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.880%
Target Compounds						Qvalue
31) Cyclohexane	5.483	56	6720	1.044	ug/l #	63
39) Methylcyclohexane	7.379	83	80418	12.067	ug/l	100
67) Ethyl Benzene	10.195	91	31472	1.637	ug/l	100
73) Isopropylbenzene	10.963	105	111348	6.772	ug/l	98
78) n-propylbenzene	11.305	91	180681	9.113	ug/l	97
85) sec-Butylbenzene	11.890	105	379263	21.798	ug/l	94
89) n-Butylbenzene	12.329	91	211970m	15.483	ug/l	

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

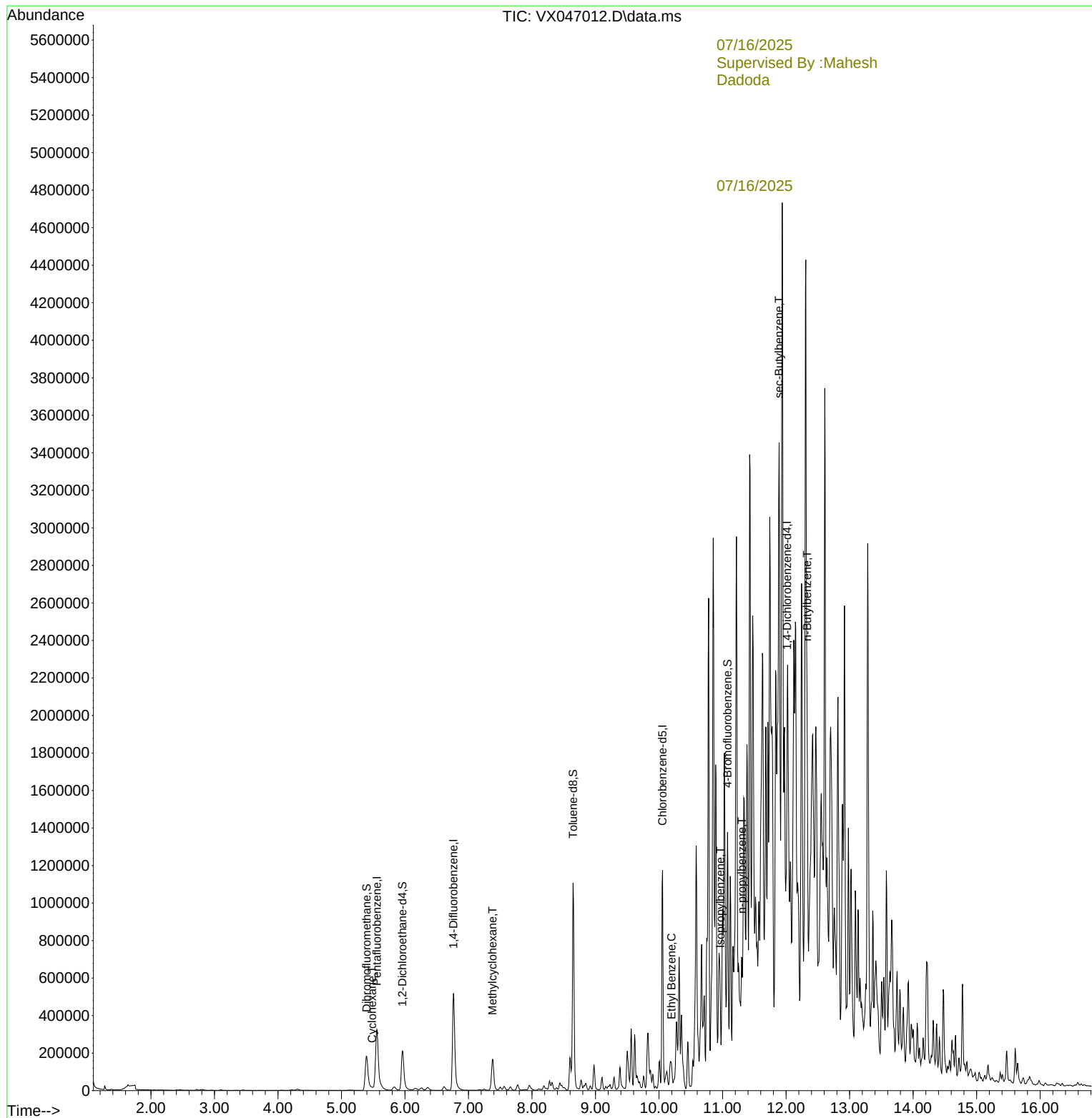
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047012.D
Acq On : 15 Jul 2025 18:52
Operator : JC/MD
Sample : Q2600-07
Misc : 6.77g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 26 Sample Multiplier: 1

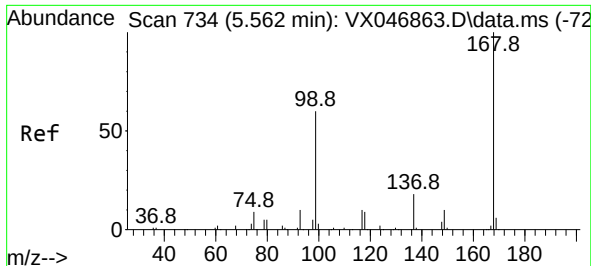
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE

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Carlone

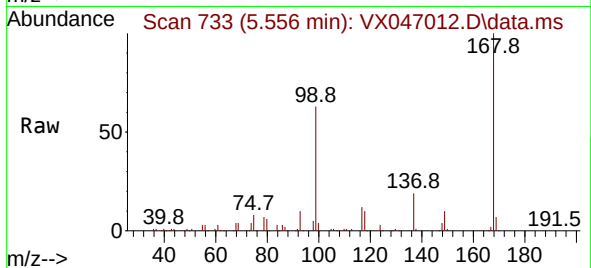
Quant Time: Jul 16 02:33:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.006 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

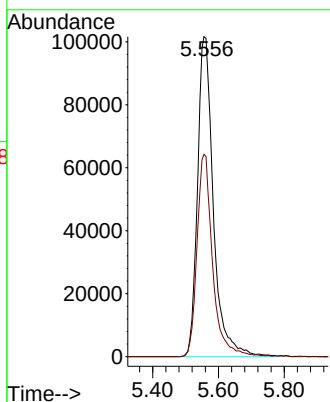
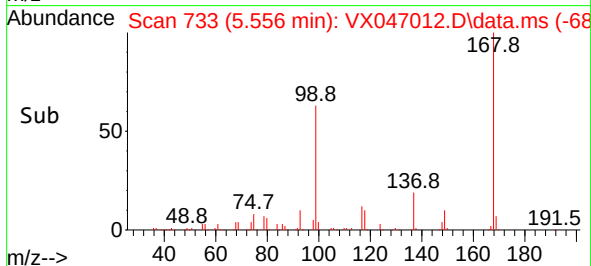
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE



Tgt Ion:168 Resp: 340958
Ion Ratio Lower Upper
168 100
99 63.2 48.8 73.2

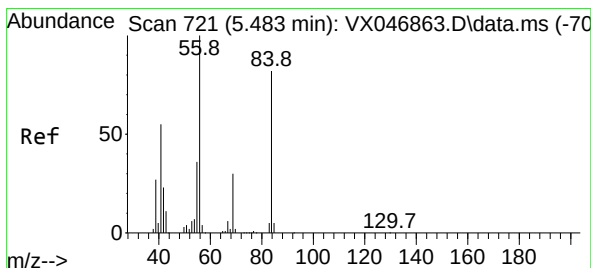
Manual Integrations
APPROVED

Reviewed By :John
Carlone



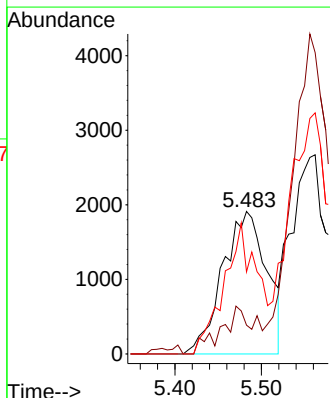
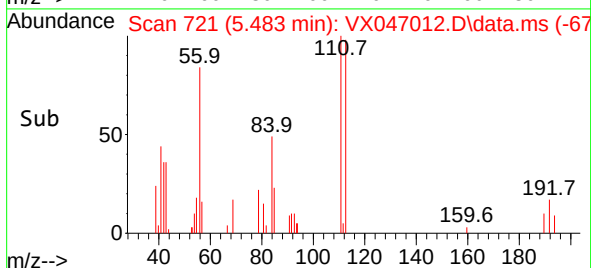
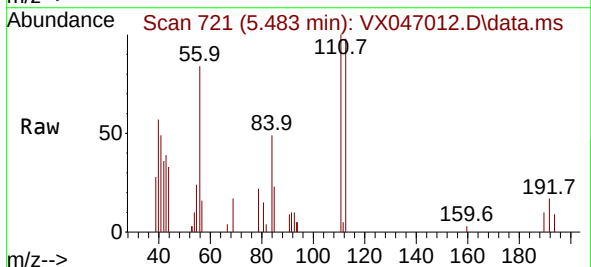
07/16/2025
Supervised By :Mahesh
Dadoda

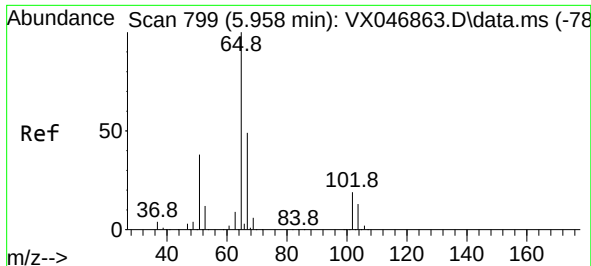
07/16/2025



#31
Cyclohexane
Concen: 1.044 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

Tgt Ion: 56 Resp: 6720
Ion Ratio Lower Upper
56 100
69 11.7 24.0 36.0#
84 48.3 66.5 99.7#





#33

1,2-Dichloroethane-d4

Concen: 51.362 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX047012.D

Acq: 15 Jul 2025 18:52

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE

Tgt Ion: 65 Resp: 231350

Ion Ratio Lower Upper

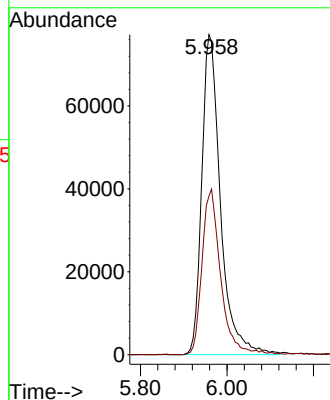
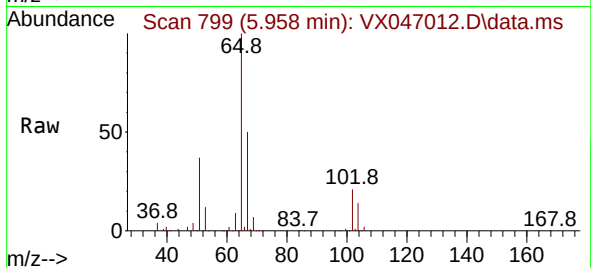
65 100

67 51.7 0.0 105.2

Manual Integrations

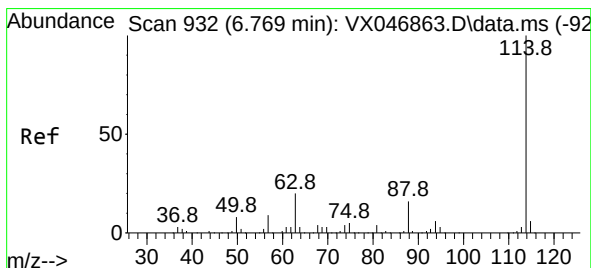
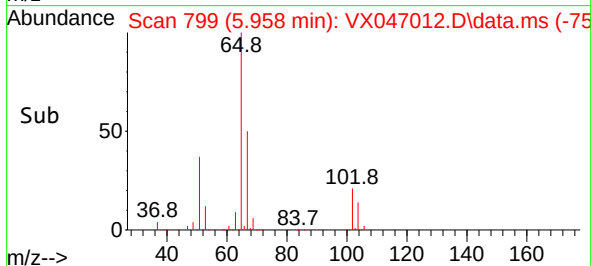
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Reviewed By :John
Carlone



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Supervised By :Mahesh
Dadoda

07/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047012.D

Acq: 15 Jul 2025 18:52

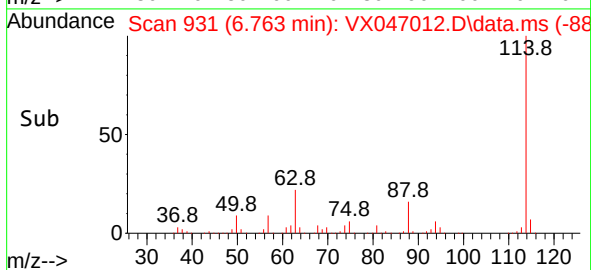
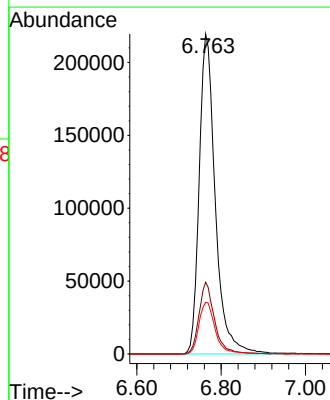
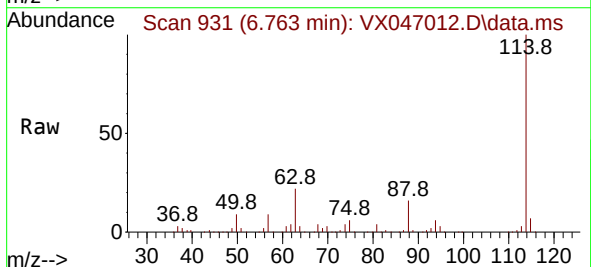
Tgt Ion:114 Resp: 581697

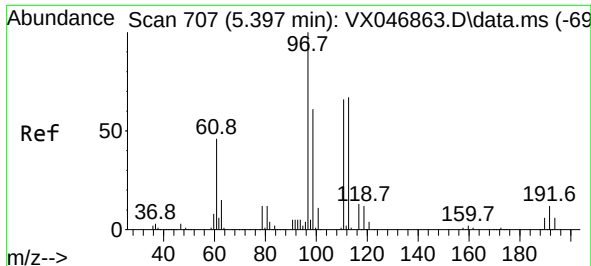
Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.4

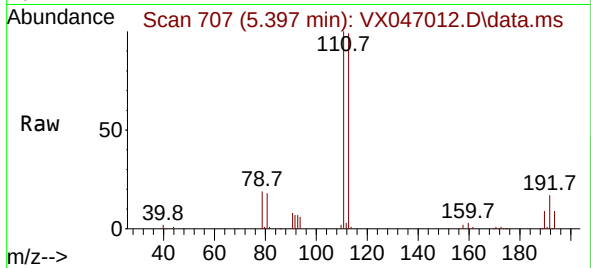
88 16.1 0.0 31.0





#35
Dibromofluoromethane
Concen: 46.387 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

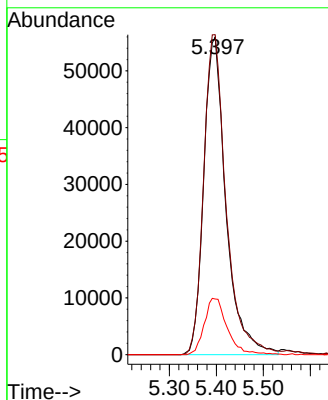
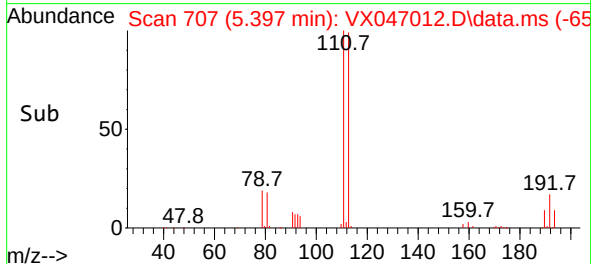
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE



Tgt Ion: 113 Resp: 183162
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.4 15.3 22.9

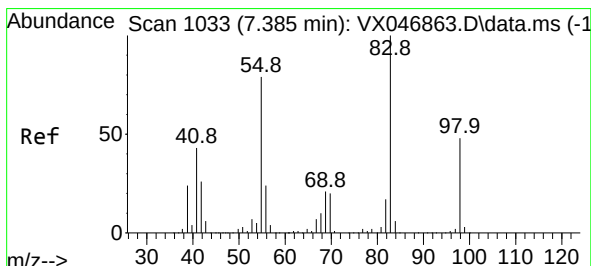
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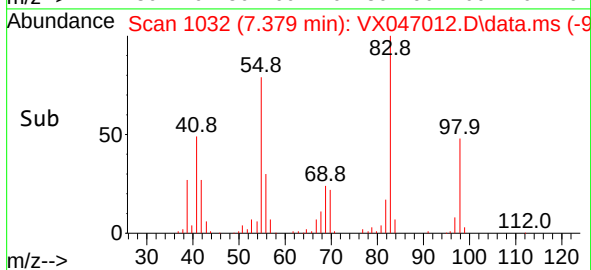
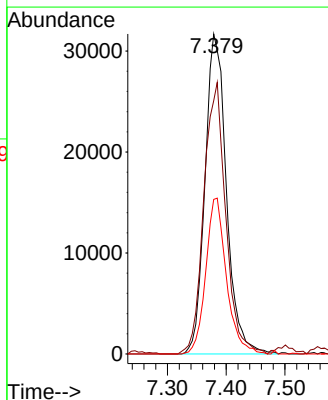
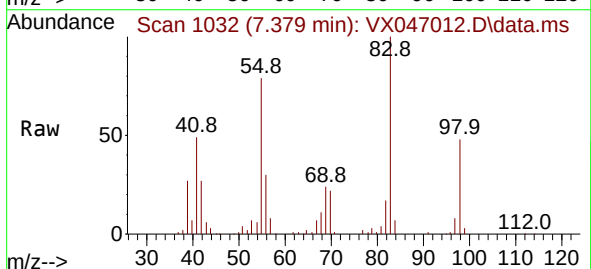
07/16/2025
Supervised By :Mahesh
Dadoda

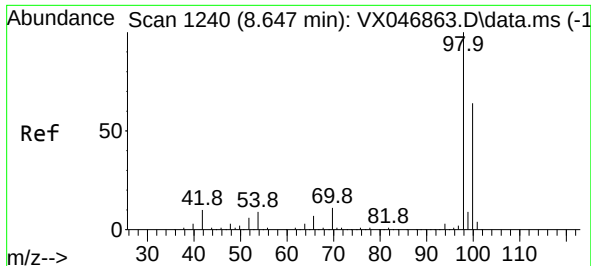
07/16/2025



#39
Methylcyclohexane
Concen: 12.067 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

Tgt Ion: 83 Resp: 80418
Ion Ratio Lower Upper
83 100
55 79.1 63.0 94.4
98 48.3 38.5 57.7





#50
Toluene-d8
Concen: 47.804 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

Instrument :

MSVOA_X

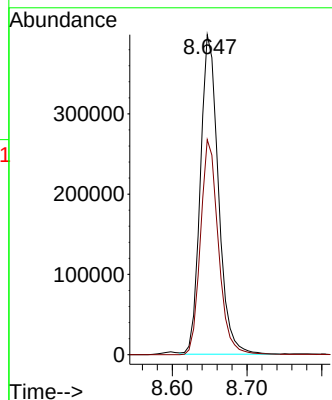
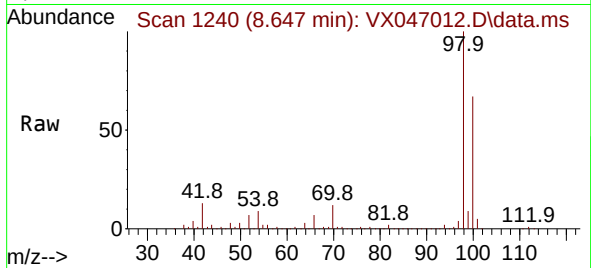
ClientSampleId :

STOCK-PILE

Tgt Ion: 98 Resp: 66597
Ion Ratio Lower Upper
98 100
100 67.0 53.0 79.6

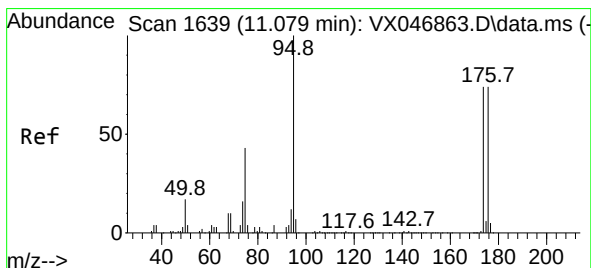
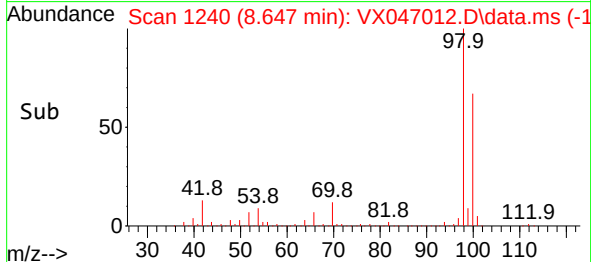
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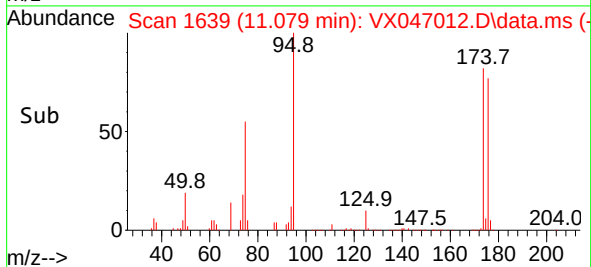
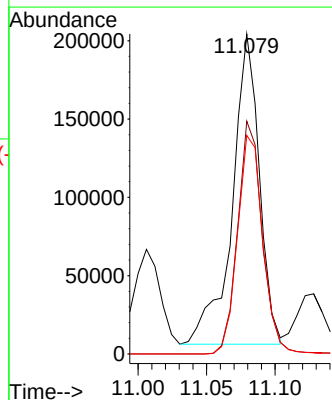
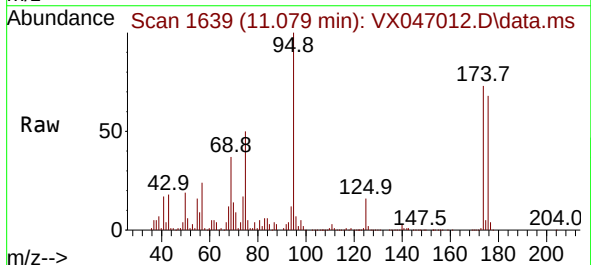
07/16/2025
Supervised By :Mahesh
Dadoda

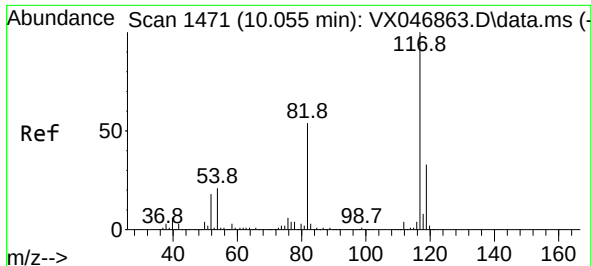
07/16/2025



#62
4-Bromofluorobenzene
Concen: 51.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

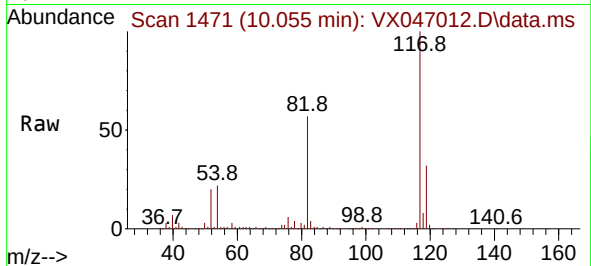
Tgt Ion: 95 Resp: 272355
Ion Ratio Lower Upper
95 100
174 68.8 0.0 152.0
176 66.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

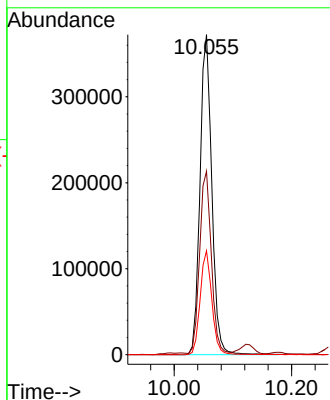
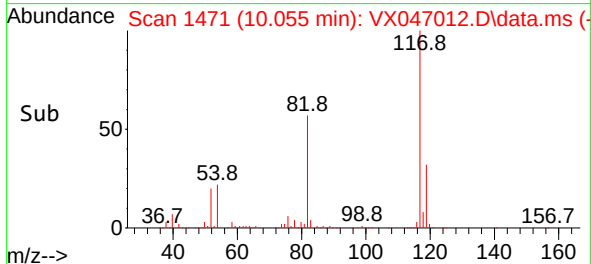
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE



Tgt Ion:117 Resp: 519348
Ion Ratio Lower Upper
117 100
82 56.8 43.3 64.9
119 32.5 26.4 39.6

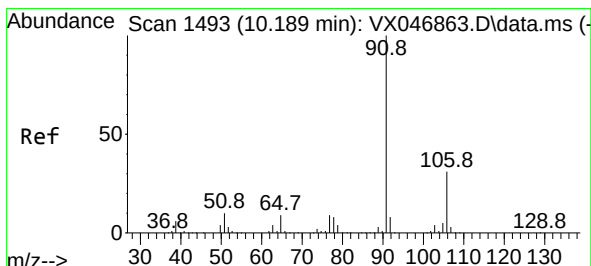
Manual Integrations
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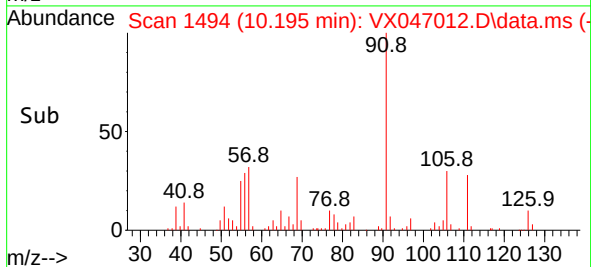
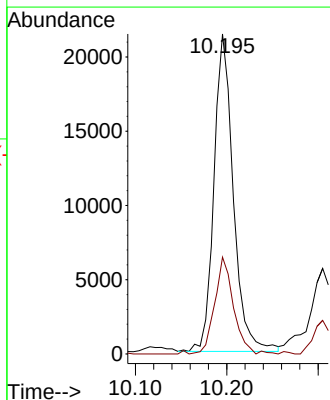
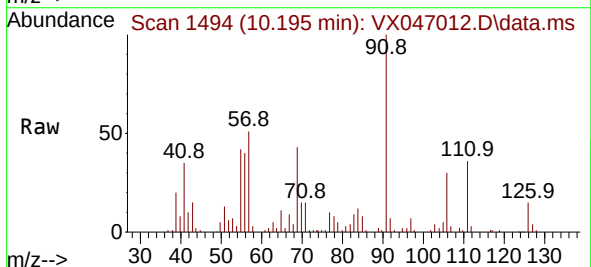
07/16/2025
Supervised By :Mahesh
Dadoda

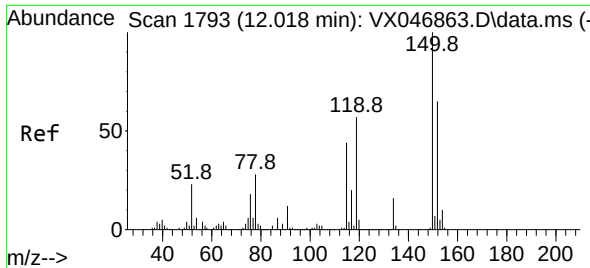
07/16/2025



#67
Ethyl Benzene
Concen: 1.637 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

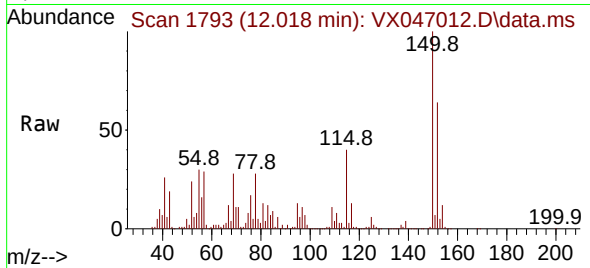
Tgt Ion: 91 Resp: 31472
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52

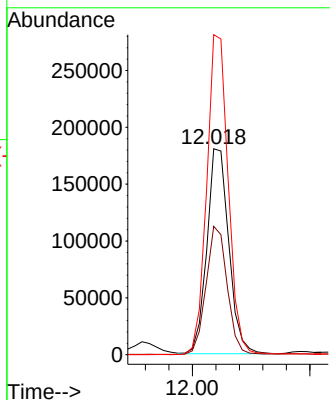
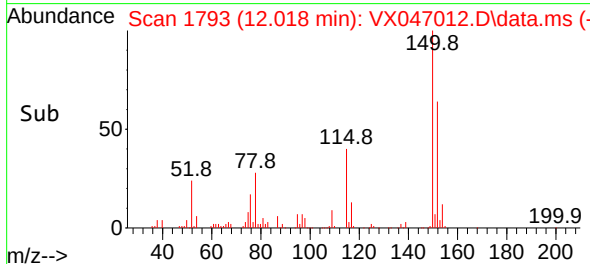
Instrument :
MSVOA_X
ClientSampleId :
STOCK-PILE



Tgt Ion:152 Resp: 233909
Ion Ratio Lower Upper
152 100
115 60.0 42.4 127.1
150 152.9 0.0 349.2

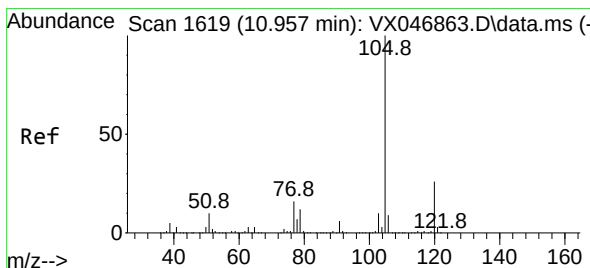
Manual Integrations
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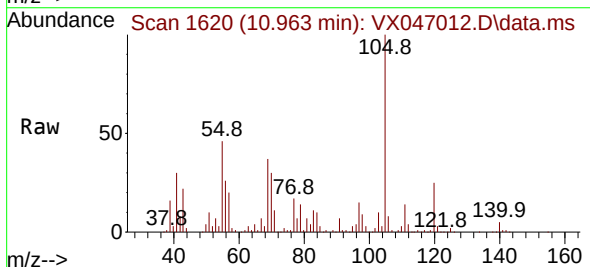


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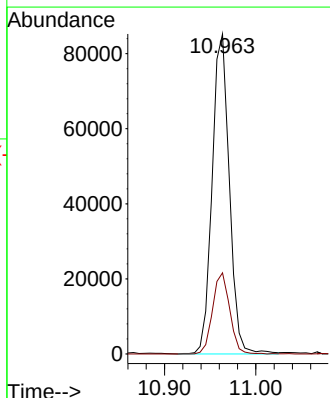
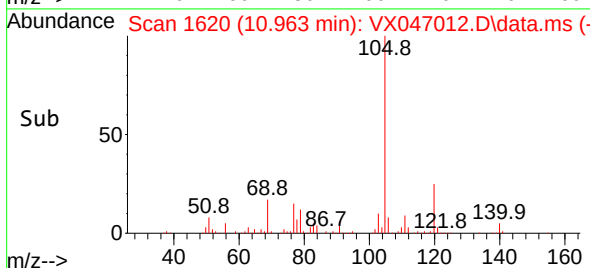
07/16/2025

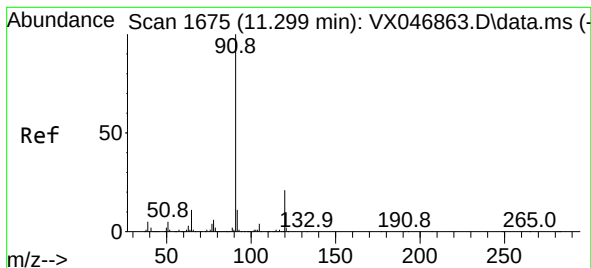


#73
Isopropylbenzene
Concen: 6.772 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047012.D
Acq: 15 Jul 2025 18:52



Tgt Ion:105 Resp: 111348
Ion Ratio Lower Upper
105 100
120 25.2 13.2 39.5





#78

n-propylbenzene

Concen: 9.113 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047012.D

Acq: 15 Jul 2025 18:52

Instrument :

MSVOA_X

ClientSampleId :

STOCK-PILE

Tgt Ion: 91 Resp: 18068

Ion Ratio Lower Upper

91 100

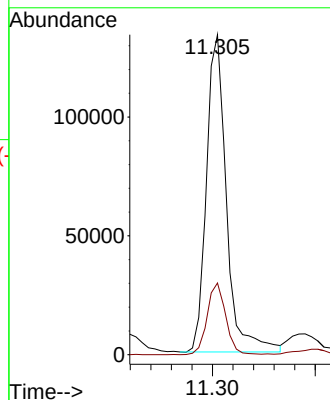
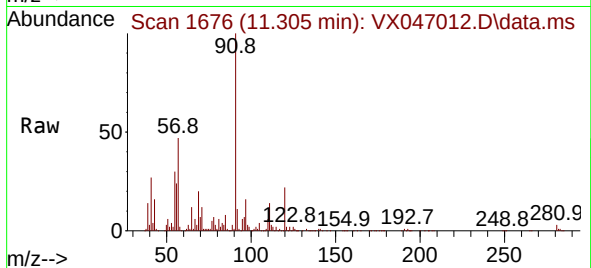
120 21.0 11.2 33.5

Manual Integrations

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Reviewed By :John

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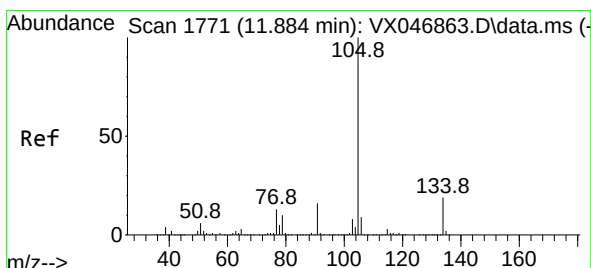
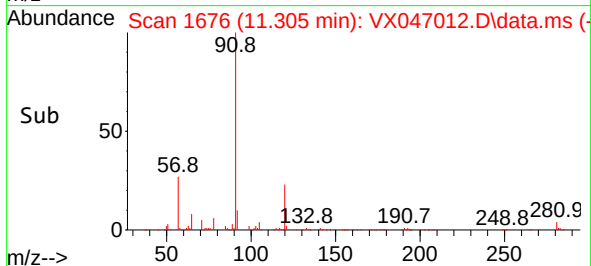


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Dadoda

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#85

sec-Butylbenzene

Concen: 21.798 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX047012.D

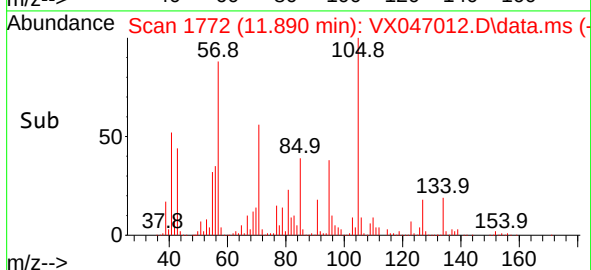
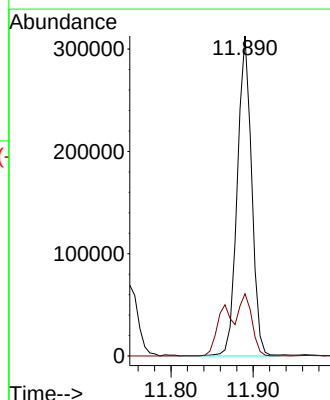
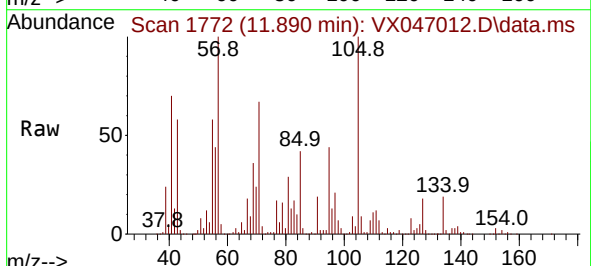
Acq: 15 Jul 2025 18:52

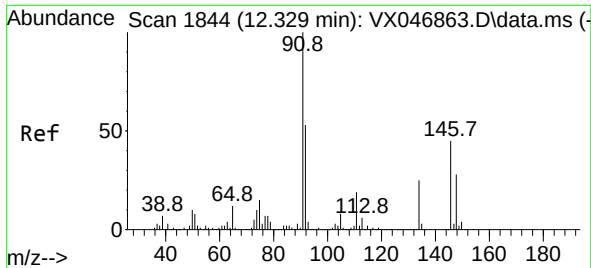
Tgt Ion:105 Resp: 379263

Ion Ratio Lower Upper

105 100

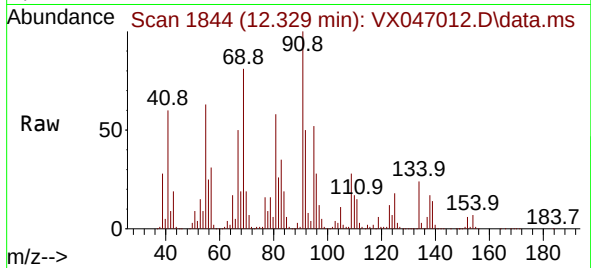
134 17.3 9.9 29.7





#89
 n-Butylbenzene
 Concen: 15.483 ug/l m
 RT: 12.329 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX047012.D
 Acq: 15 Jul 2025 18:52

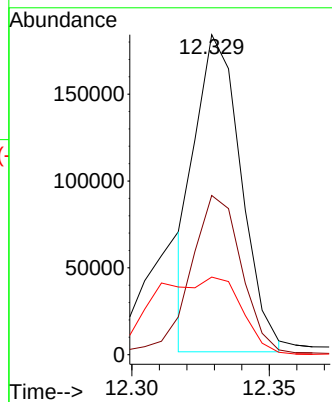
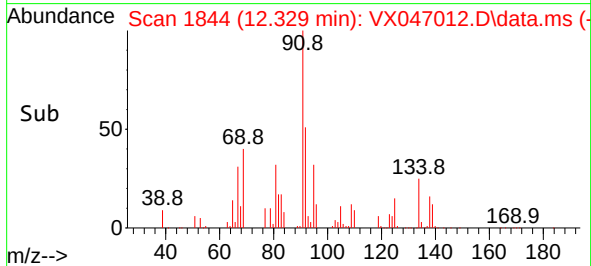
Instrument :
 MSVOA_X
 ClientSampleId :
 STOCK-PILE



Tgt Ion: 91 Resp: 211970
 Ion Ratio Lower Upper
 91 100
 92 56.2 27.0 81.0
 134 47.0 12.8 38.4

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone



07/16/2025
 Supervised By :Mahesh
 Dadoda

07/16/2025