

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047021.D
 Acq On : 16 Jul 2025 11:50
 Operator : JC/MD
 Sample : Q2600-11DL 20X
 Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCHDL

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 03:30:06 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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	320742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	537318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	236691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	224247	52.922	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.840%			
35) Dibromofluoromethane	5.397	113	180734	49.552	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.100%			
50) Toluene-d8	8.652	98	612735	47.615	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.220%			
62) 4-Bromofluorobenzene	11.079	95	257413	52.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.260%			
Target Compounds					Qvalue	
31) Cyclohexane	5.495	56	17666m	2.917	ug/l	
39) Methylcyclohexane	7.384	83	279952	45.478	ug/l	96
67) Ethyl Benzene	10.195	91	150008	8.397	ug/l	98
73) Isopropylbenzene	10.963	105	125115	7.520	ug/l	100
78) n-propylbenzene	11.304	91	739135	36.841	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	357502	26.161	ug/l	97
85) sec-Butylbenzene	11.890	105	110589	6.281	ug/l	95
86) p-Isopropyltoluene	12.006	119	17558	1.191	ug/l	90
89) n-Butylbenzene	12.329	91	118297m	8.540	ug/l	

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

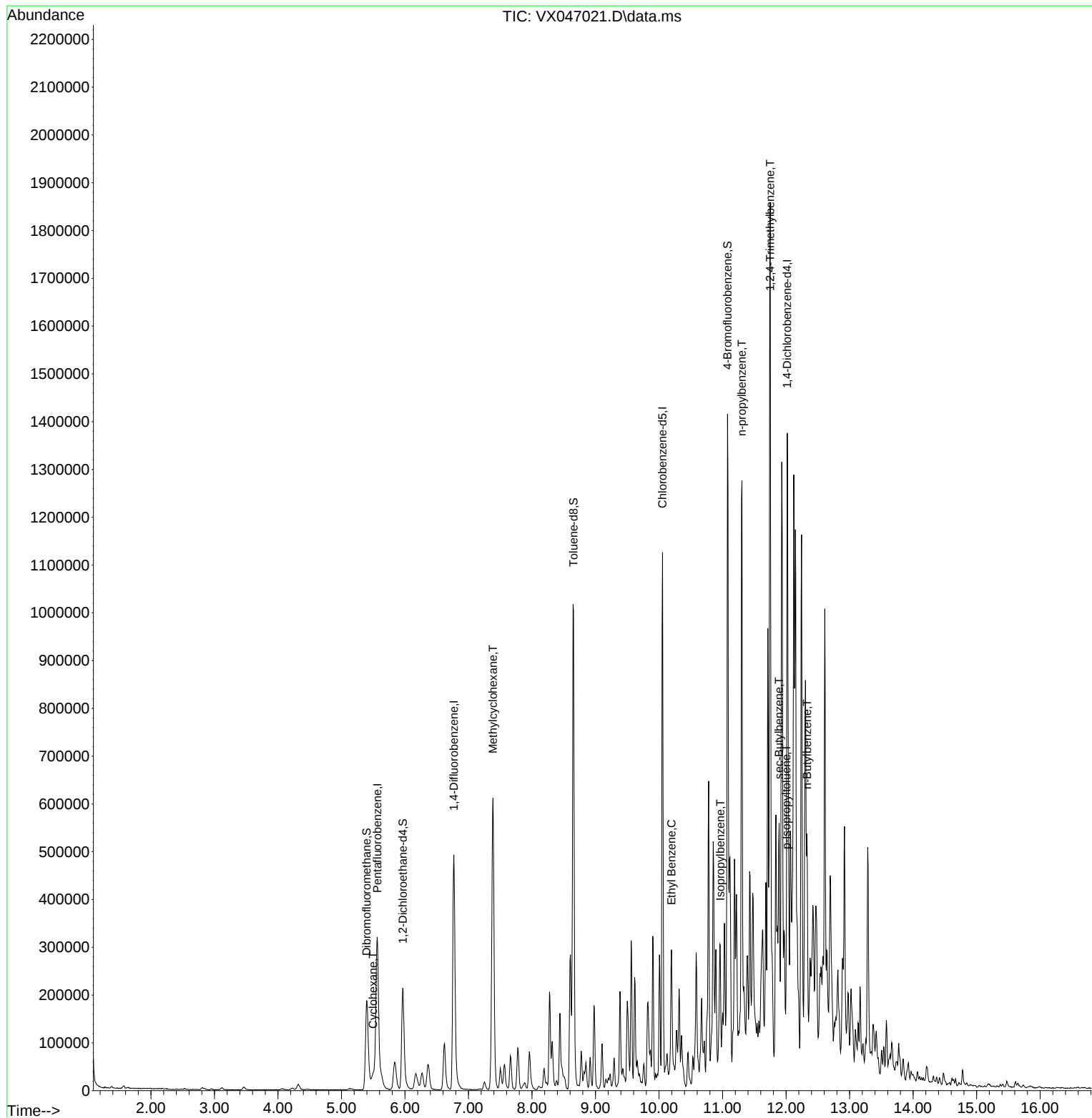
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
Data File : VX047021.D
Acq On : 16 Jul 2025 11:50
Operator : JC/MD
Sample : Q2600-11DL 20X
Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 7 Sample Multiplier: 1

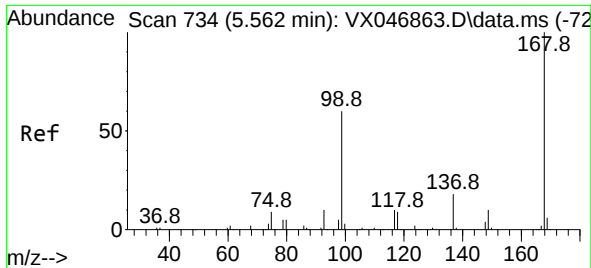
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

Quant Time: Jul 17 03:30:06 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

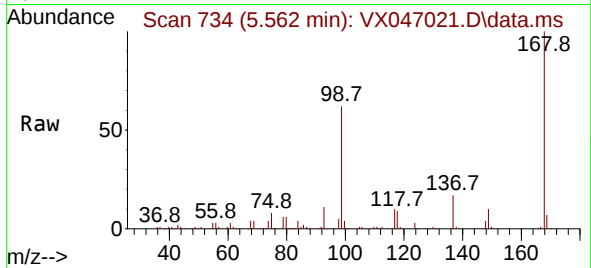
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

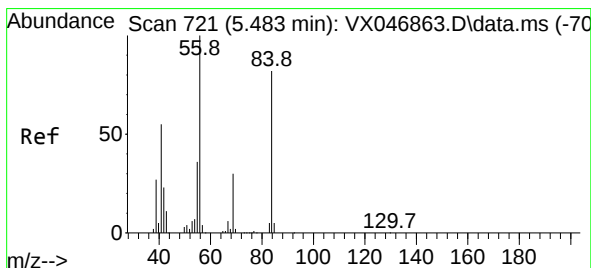
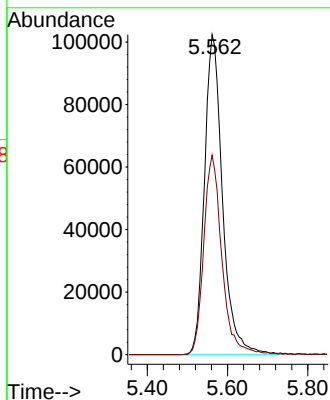
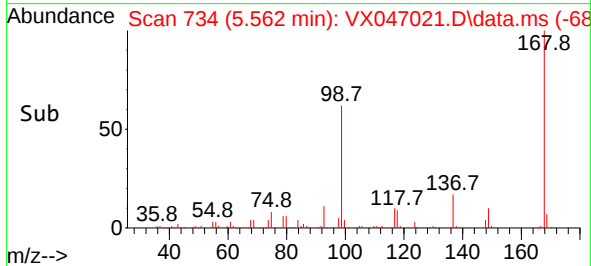
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL



Tgt Ion:168 Resp: 32074
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2

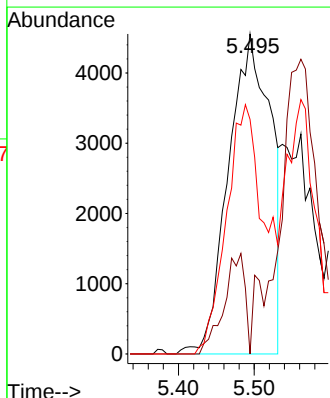
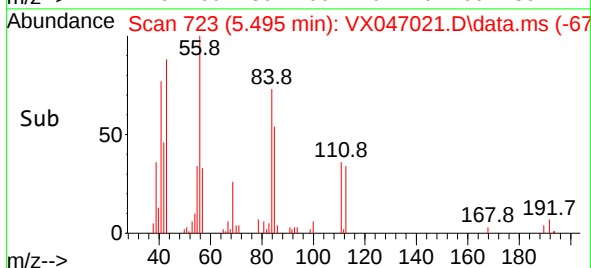
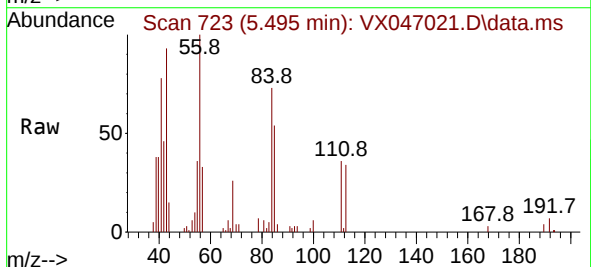
Manual Integrations
APPROVED

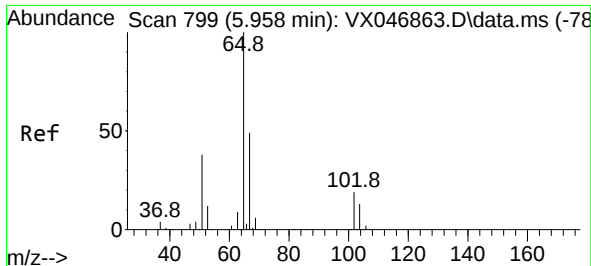
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#31
Cyclohexane
Concen: 2.917 ug/l m
RT: 5.495 min Scan# 723
Delta R.T. 0.012 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 56 Resp: 17666
Ion Ratio Lower Upper
56 100
69 0.0 24.0 36.0#
84 73.3 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 52.922 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

Tgt Ion: 65 Resp: 22424

Ion Ratio Lower Upper

65 100

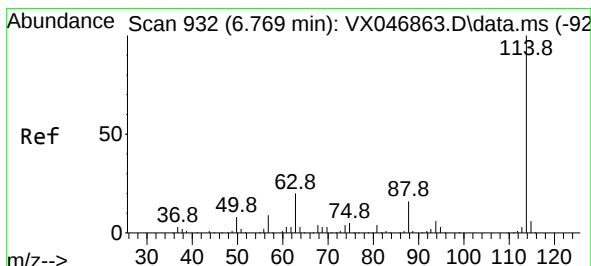
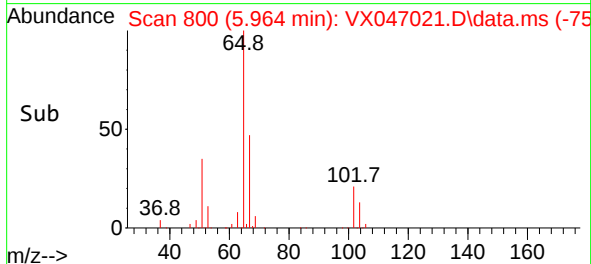
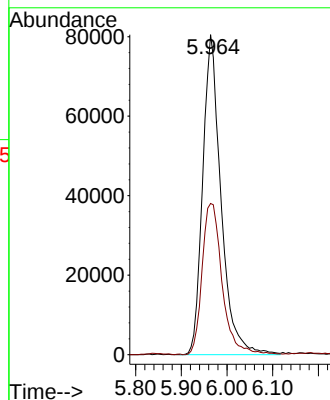
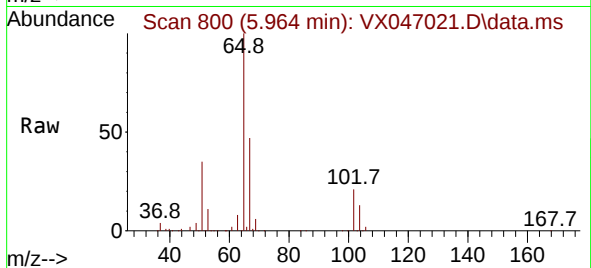
67 51.8 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

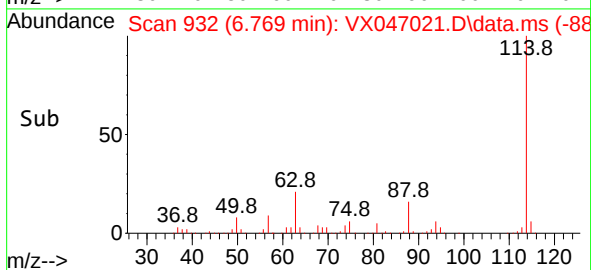
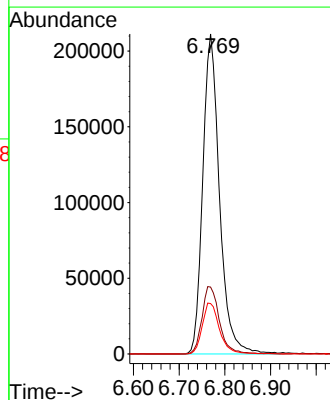
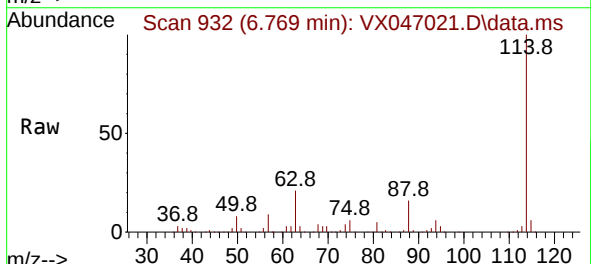
Tgt Ion:114 Resp: 537318

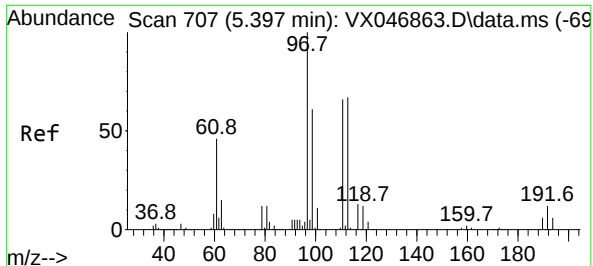
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

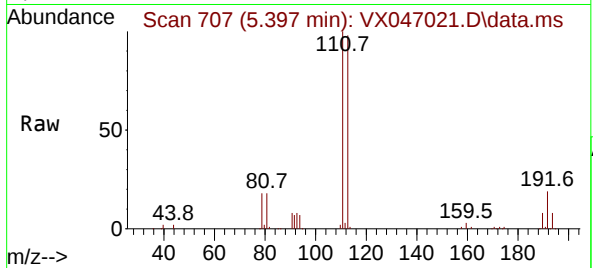
88 15.7 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

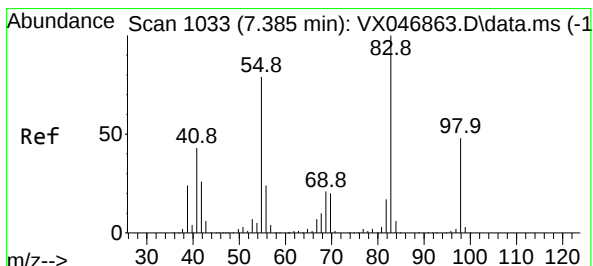
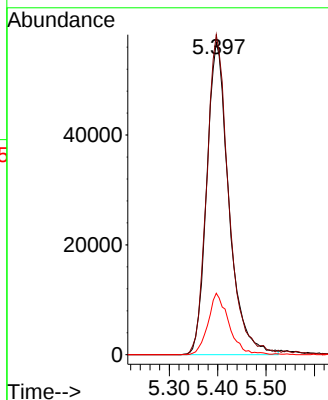
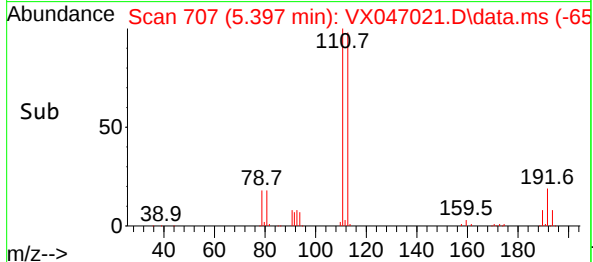
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL



Tgt Ion:113 Resp: 180734
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 18.6 15.3 22.9

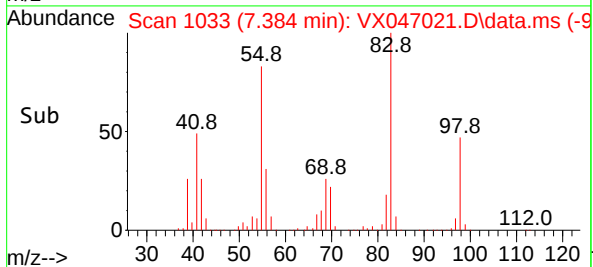
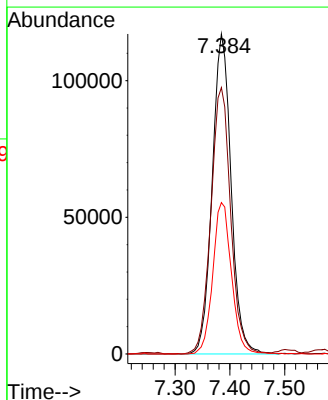
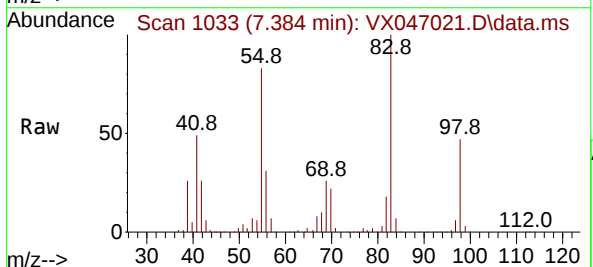
Manual Integrations
APPROVED

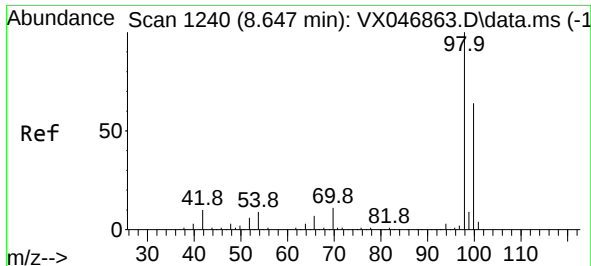
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#39
Methylcyclohexane
Concen: 45.478 ug/l
RT: 7.384 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

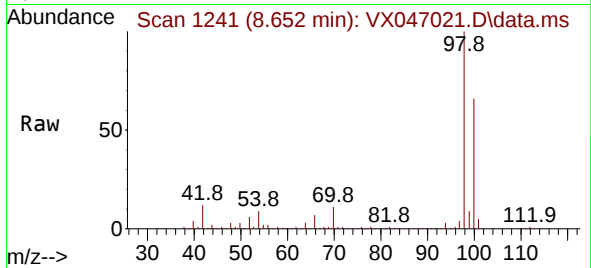
Tgt Ion: 83 Resp: 279952
Ion Ratio Lower Upper
83 100
55 83.1 63.0 94.4
98 47.3 38.5 57.7





#50
Toluene-d8
Concen: 47.615 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

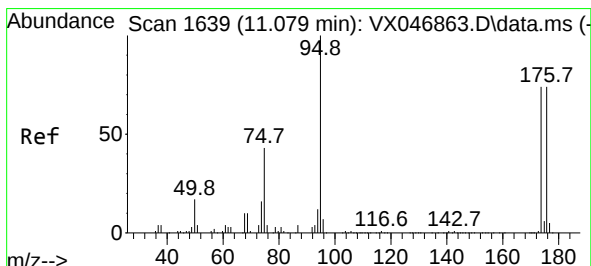
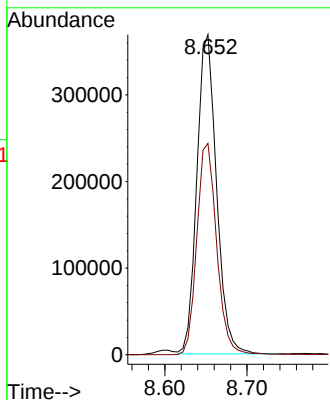
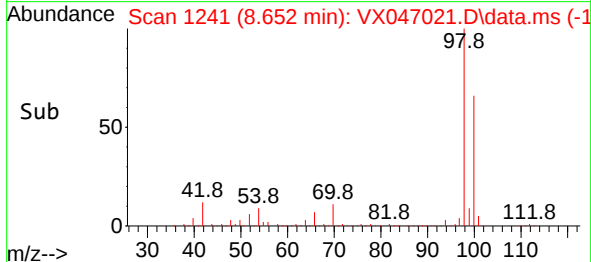
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL



Tgt Ion: 98 Resp: 612735
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.6

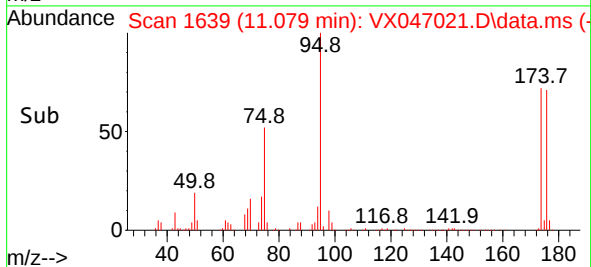
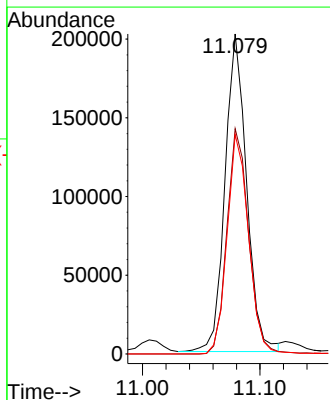
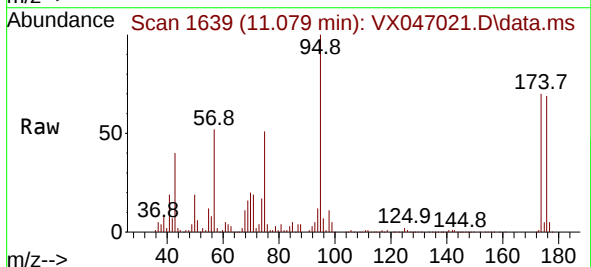
Manual Integrations
APPROVED

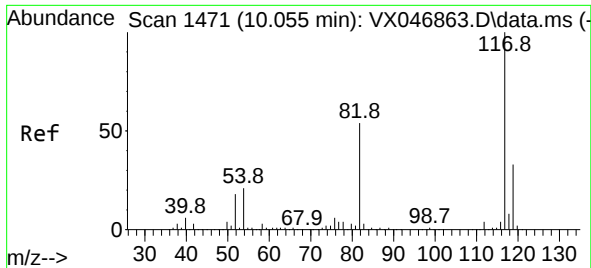
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#62
4-Bromofluorobenzene
Concen: 52.632 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

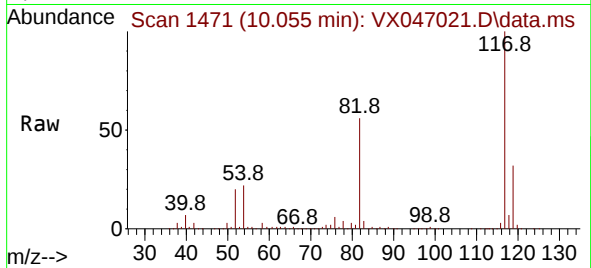
Tgt Ion: 95 Resp: 257413
Ion Ratio Lower Upper
95 100
174 71.3 0.0 152.0
176 69.1 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

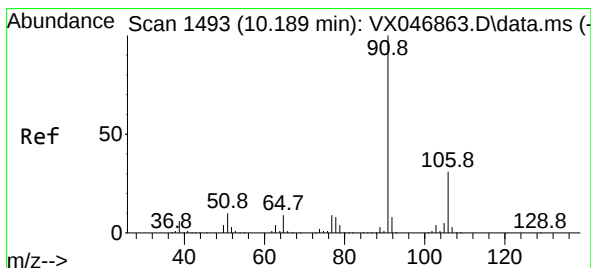
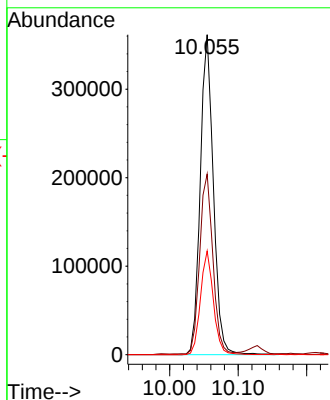
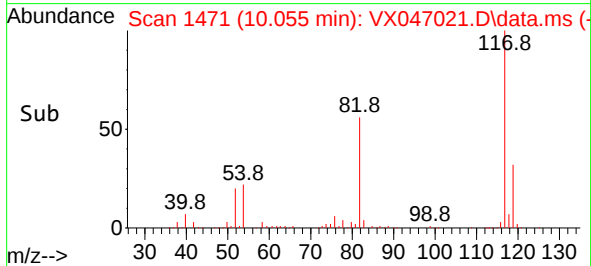
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL



Tgt Ion:117 Resp: 48247
Ion Ratio Lower Upper
117 100
82 56.2 43.3 64.9
119 32.4 26.4 39.6

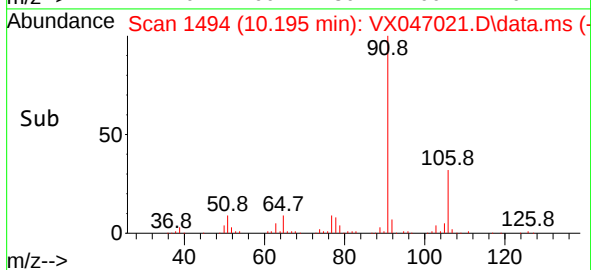
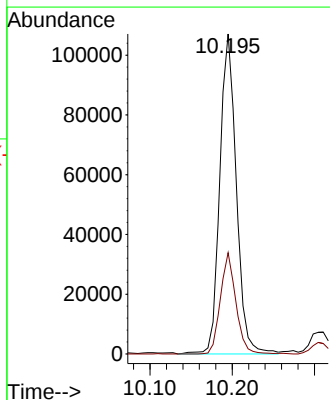
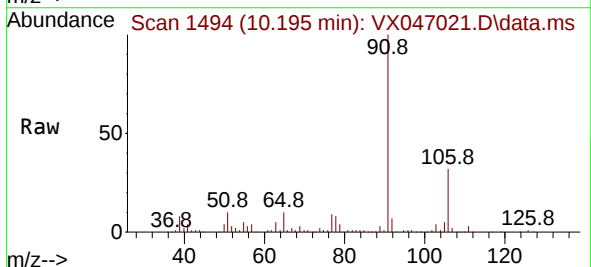
Manual Integrations
APPROVED

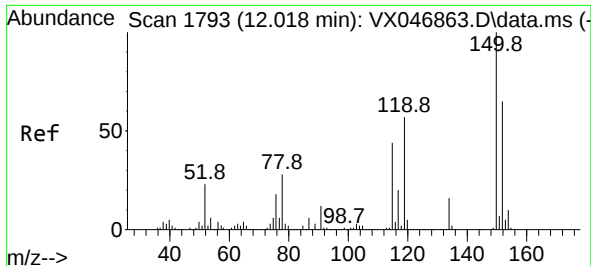
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#67
Ethyl Benzene
Concen: 8.397 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

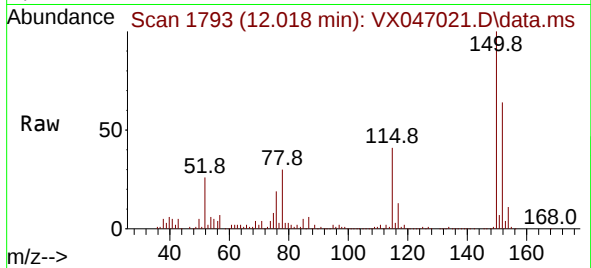
Tgt Ion: 91 Resp: 150008
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

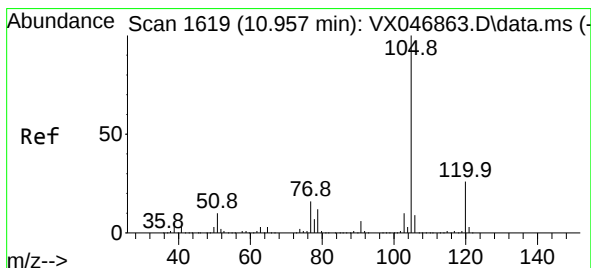
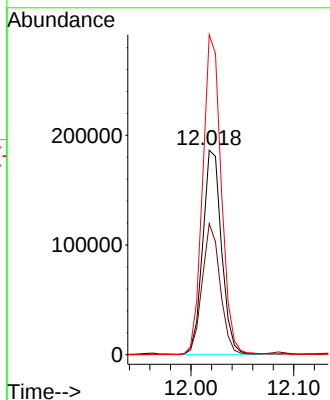
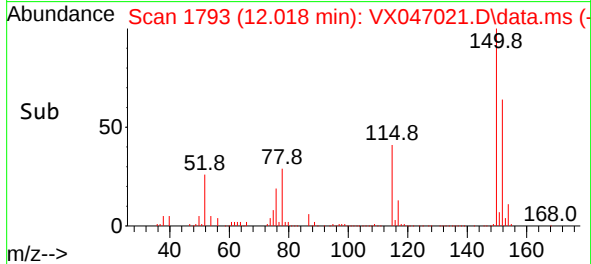
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL



Tgt Ion:152 Resp: 23669
Ion Ratio Lower Upper
152 100
115 62.1 42.4 127.1
150 155.4 0.0 349.2

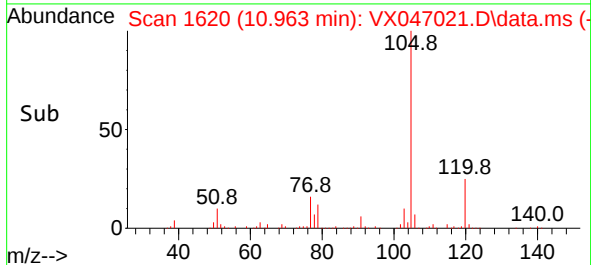
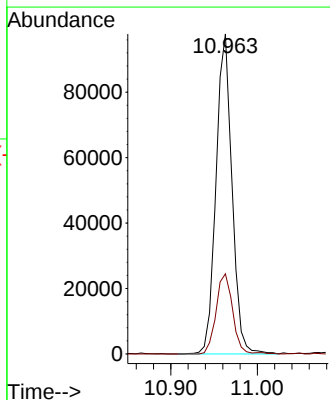
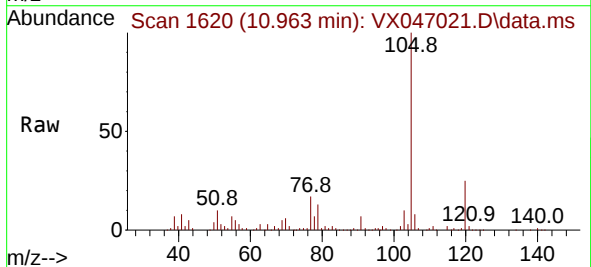
Manual Integrations
APPROVED

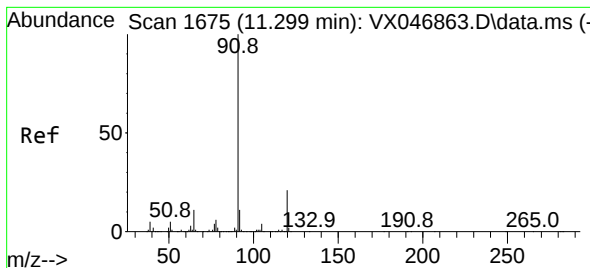
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#73
Isopropylbenzene
Concen: 7.520 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion:105 Resp: 125115
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5





#78

n-propylbenzene

Concen: 36.841 ug/l

RT: 11.304 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

Tgt Ion: 91 Resp: 73913

Ion Ratio Lower Upper

91 100

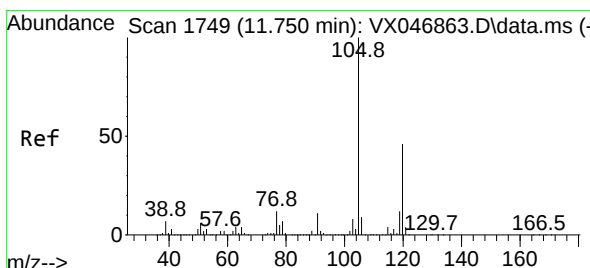
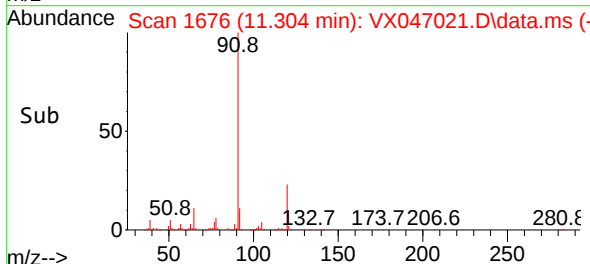
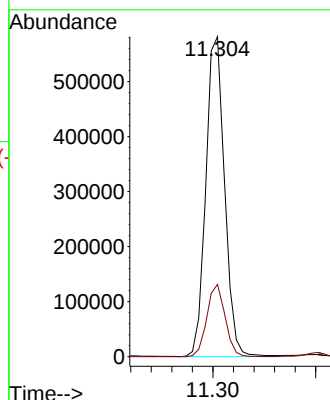
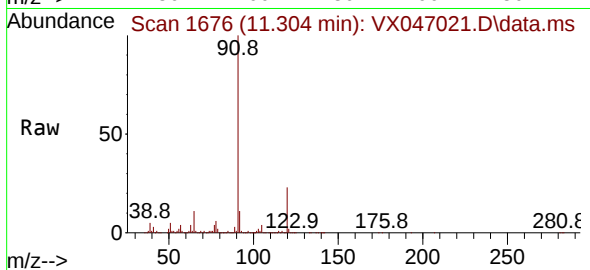
120 22.0 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#84

1,2,4-Trimethylbenzene

Concen: 26.161 ug/l

RT: 11.749 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX047021.D

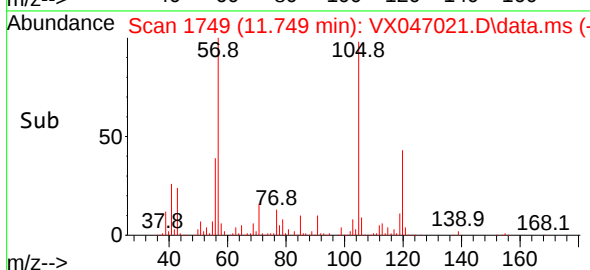
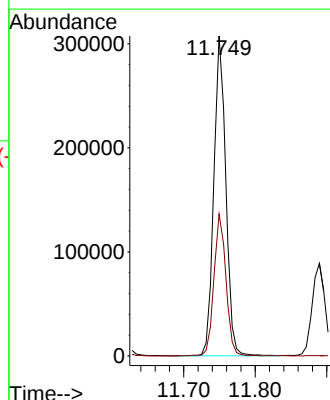
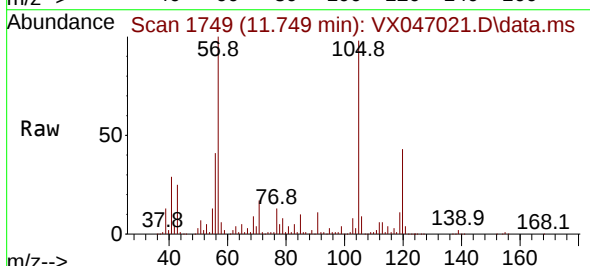
Acq: 16 Jul 2025 11:50

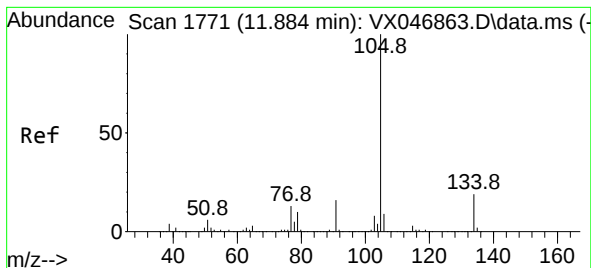
Tgt Ion:105 Resp: 357502

Ion Ratio Lower Upper

105 100

120 44.6 23.3 69.8





#85

sec-Butylbenzene

Concen: 6.281 ug/l

RT: 11.890 min Scan# 110589

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

Tgt Ion:105 Resp: 110589

Ion Ratio Lower Upper

105 100

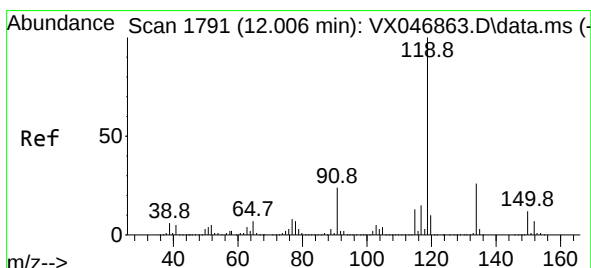
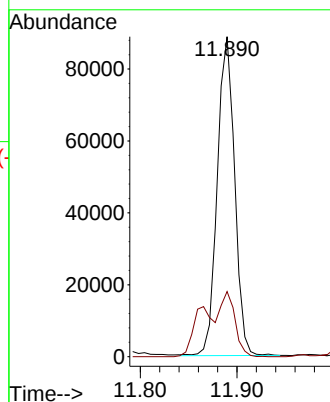
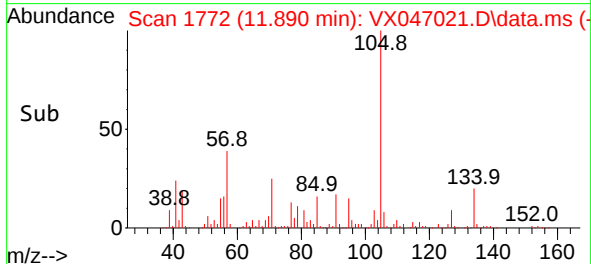
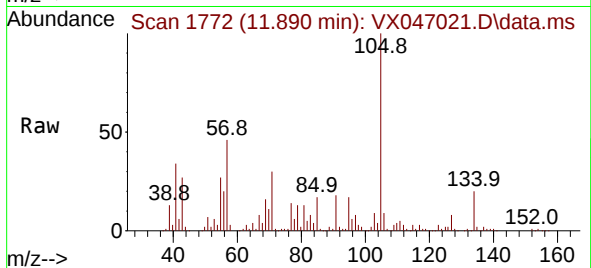
134 17.4 9.9 29.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#86

p-Isopropyltoluene

Concen: 1.191 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

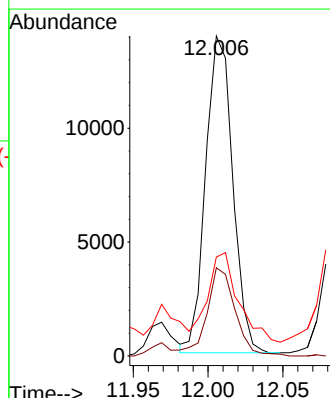
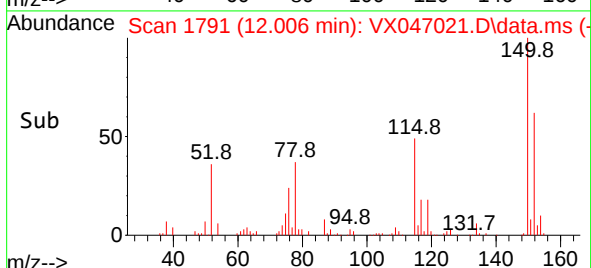
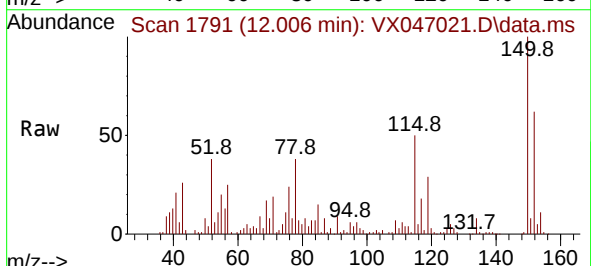
Tgt Ion:119 Resp: 17558

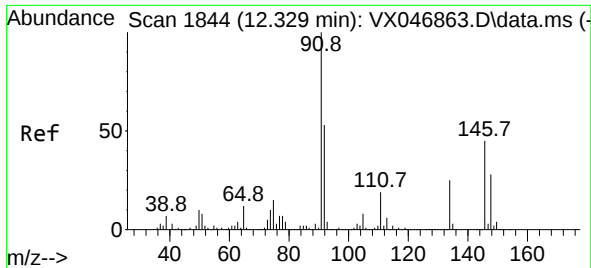
Ion Ratio Lower Upper

119 100

134 28.7 13.0 39.0

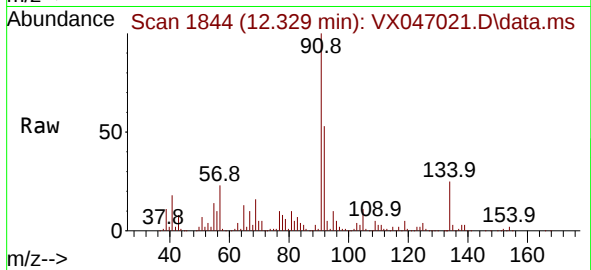
91 31.9 12.0 36.1





#89
n-Butylbenzene
Concen: 8.540 ug/l m
RT: 12.329 min Scan# 11829
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL



Tgt Ion: 91 Resp: 11829
Ion Ratio Lower Upper
91 100
92 59.1 27.0 81.0
134 45.6 12.8 38.4

Manual Integrations
APPROVED

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

