

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047013.D
 Acq On : 15 Jul 2025 19:13
 Operator : JC/MD
 Sample : Q2600-11
 Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCH

Quant Time: Jul 16 02:34:15 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 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	300812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	484192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	197659	49.738	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.480%		
35) Dibromofluoromethane	5.391	113	160240	48.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.500%		
50) Toluene-d8	8.647	98	542010	46.740	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.480%		
62) 4-Bromofluorobenzene	11.079	95	256542	58.209	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.420%		
Target Compounds						
					Qvalue	
16) Acetone	2.410	43	2693	2.182	ug/l #	83
31) Cyclohexane	5.483	56	370911	65.295	ug/l	89
39) Methylcyclohexane	7.385	83	4904182	884.098	ug/l	96
52) Toluene	8.720	92	13386	1.611	ug/l	93
67) Ethyl Benzene	10.195	91	2297804	168.033	ug/l	99
68) m/p-Xylenes	10.305	106	82667	16.043	ug/l	93
73) Isopropylbenzene	10.963	105	1813824	142.749	ug/l	99
78) n-propylbenzene	11.305	91	9255670	604.100	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	4645743	445.179	ug/l	98
85) sec-Butylbenzene	11.890	105	1464013	108.891	ug/l	98
86) p-Isopropyltoluene	12.012	119	219440	19.490	ug/l	97
89) n-Butylbenzene	12.335	91	1484029m	140.281	ug/l	

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

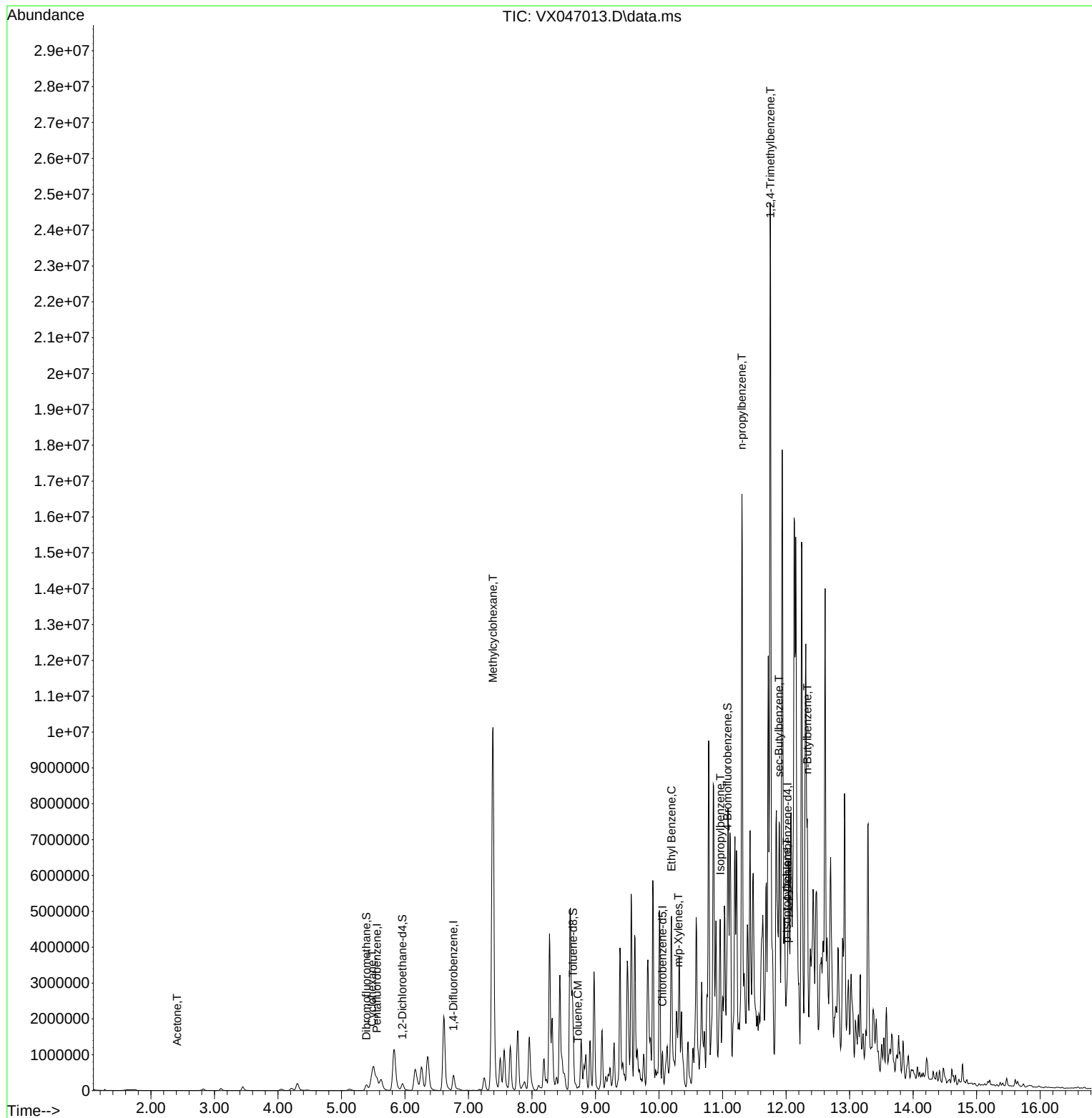
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047013.D
Acq On : 15 Jul 2025 19:13
Operator : JC/MD
Sample : Q2600-11
Misc : 5.06g/5mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 27 Sample Multiplier: 1

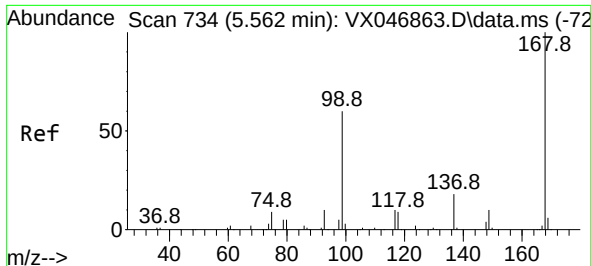
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

Quant Time: Jul 16 02:34:15 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

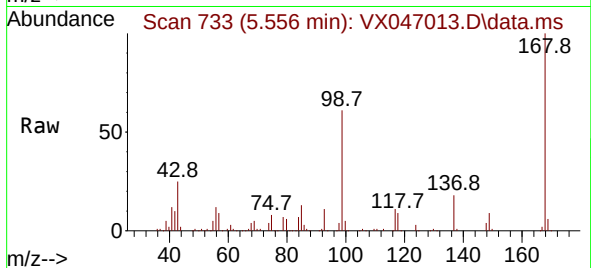
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

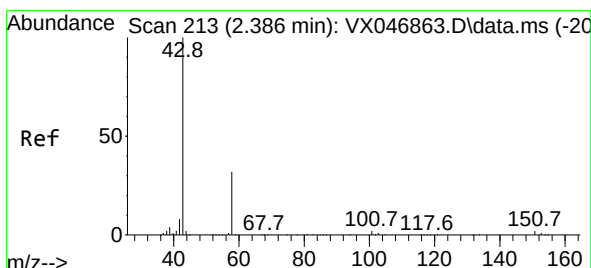
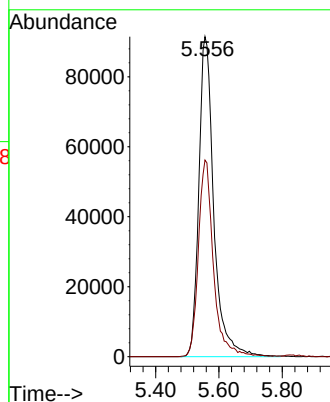
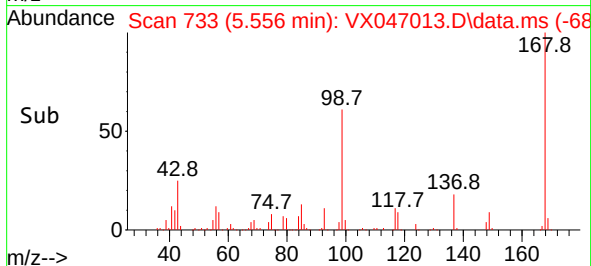
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion:168 Resp: 30081
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2

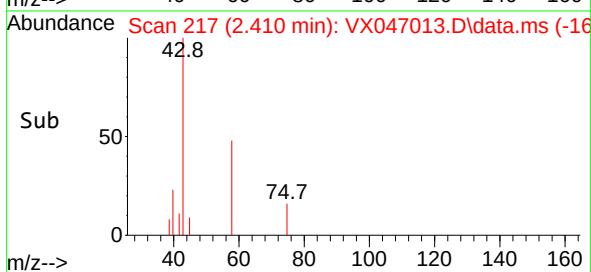
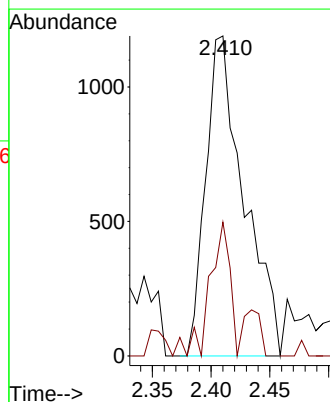
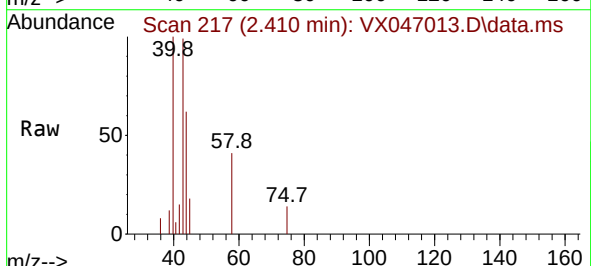
Manual Integrations
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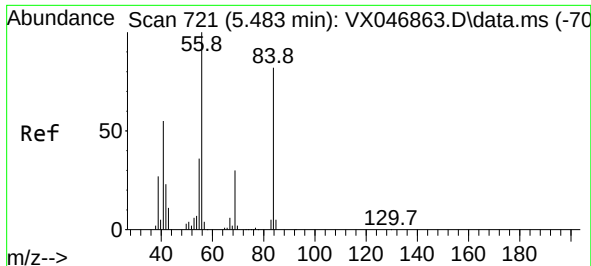
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#16
Acetone
Concen: 2.182 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.024 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

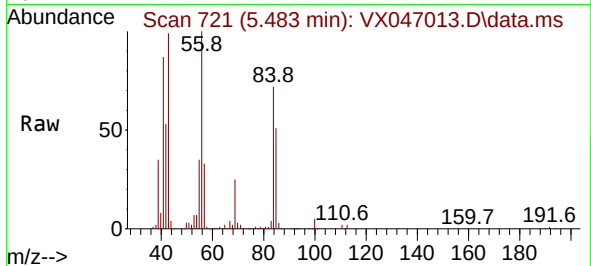
Tgt Ion: 43 Resp: 2693
Ion Ratio Lower Upper
43 100
58 41.8 25.8 38.6#





#31
Cyclohexane
Concen: 65.295 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

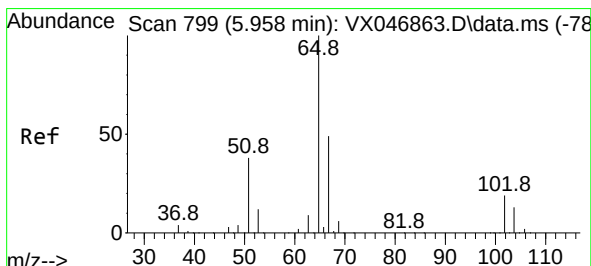
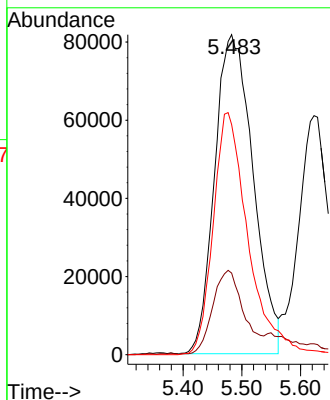
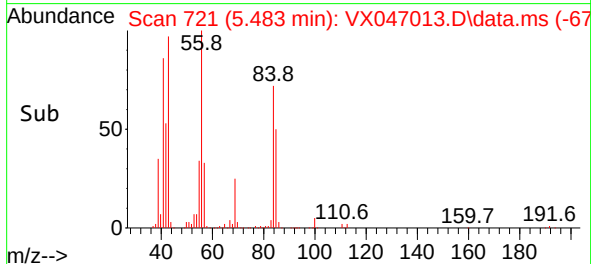
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 56 Resp: 37091
Ion Ratio Lower Upper
56 100
69 25.4 24.0 36.0
84 72.1 66.5 99.7

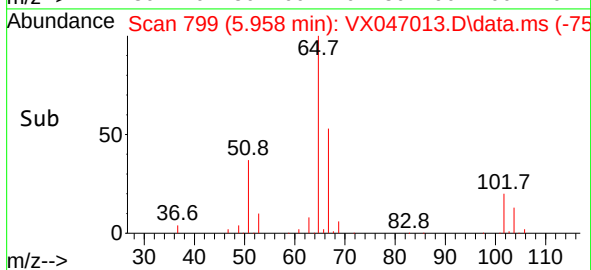
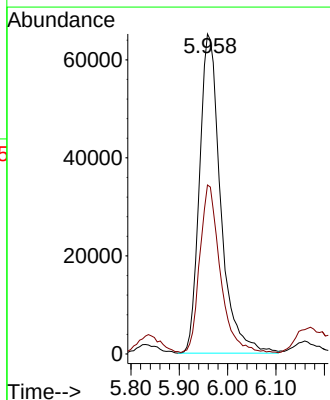
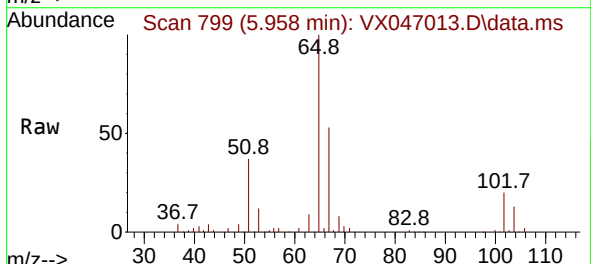
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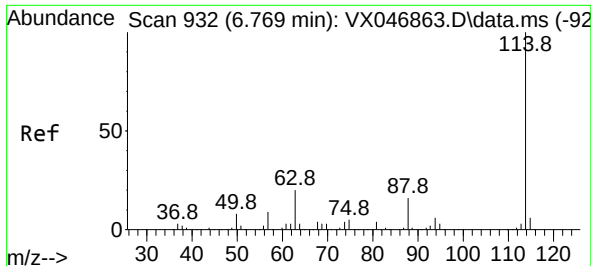
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#33
1,2-Dichloroethane-d4
Concen: 49.738 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

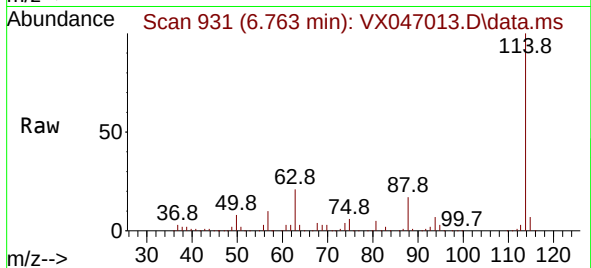
Tgt Ion: 65 Resp: 197659
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

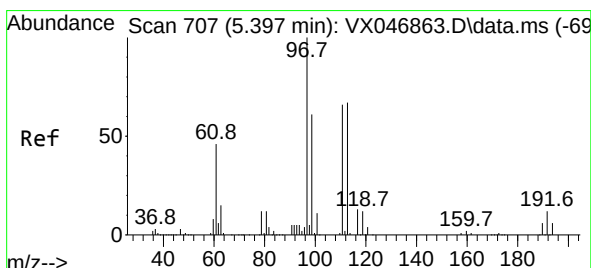
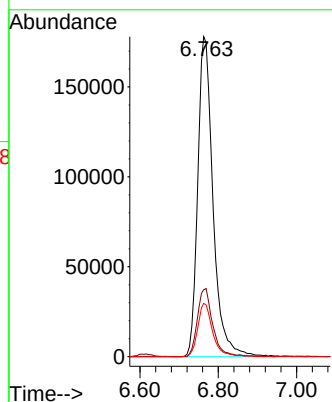
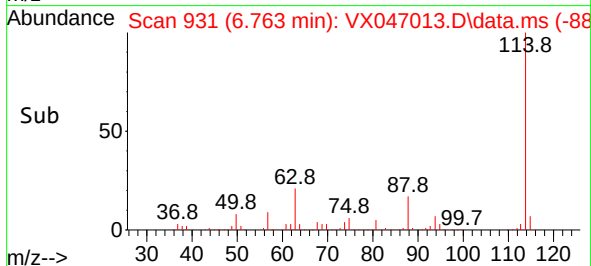
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



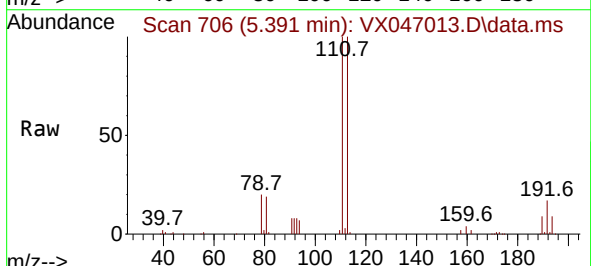
Tgt Ion:114 Resp: 484192
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.4
88 16.7 0.0 31.0

Manual Integrations
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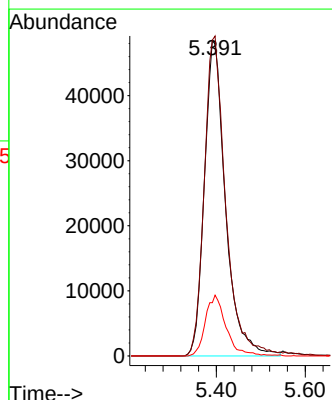
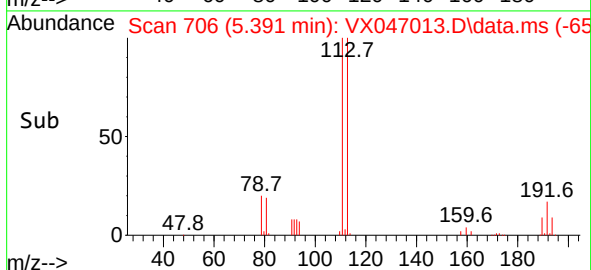
Reviewed By :John Carlone 07/16/2025
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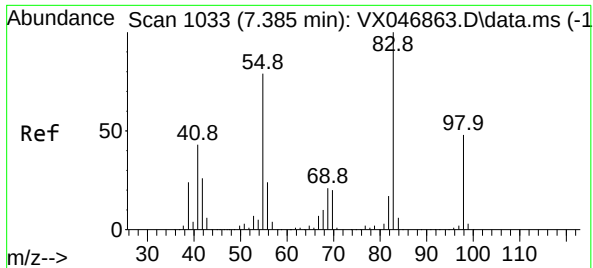


#35
Dibromofluoromethane
Concen: 48.754 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13



Tgt Ion:113 Resp: 160240
Ion Ratio Lower Upper
113 100
111 103.2 81.2 121.8
192 18.9 15.3 22.9





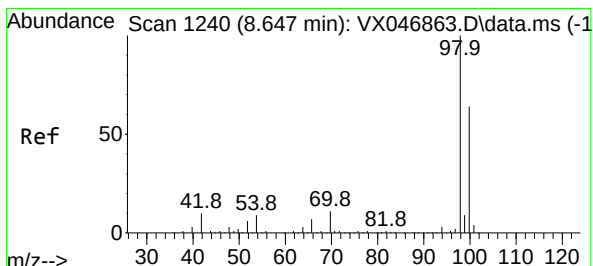
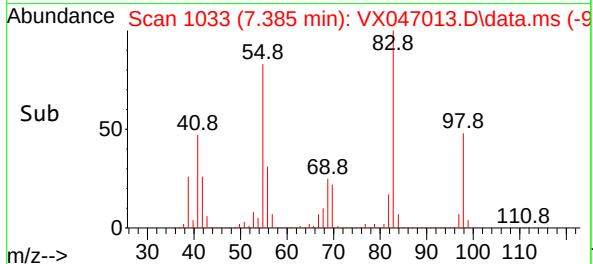
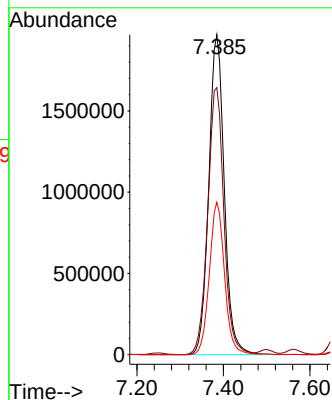
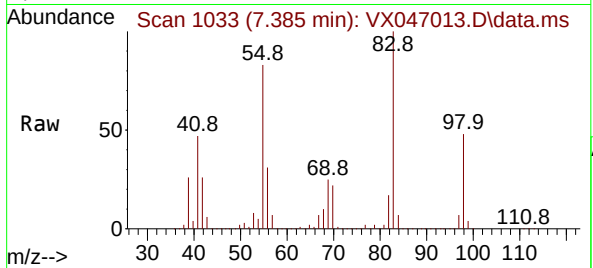
#39
Methylcyclohexane
Concen: 884.098 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

Tgt Ion: 83 Resp: 490418
Ion Ratio Lower Upper
83 100
55 83.4 63.0 94.4
98 47.6 38.5 57.7

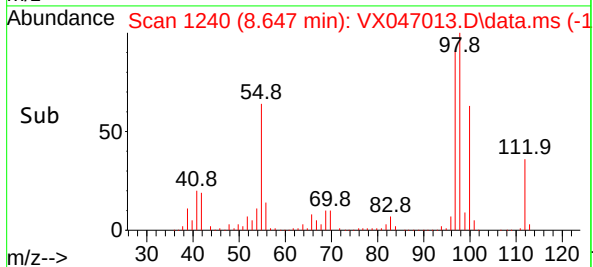
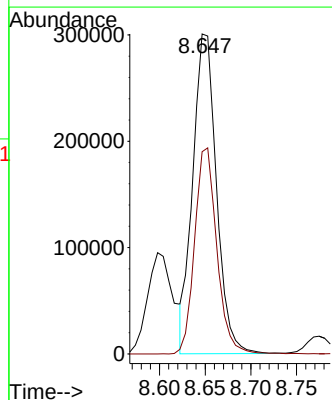
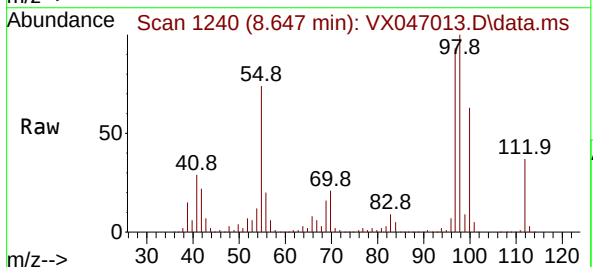
Manual Integrations
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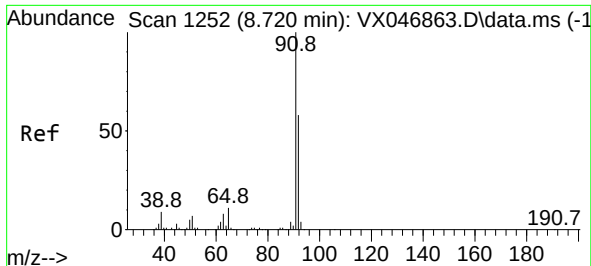
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#50
Toluene-d8
Concen: 46.740 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

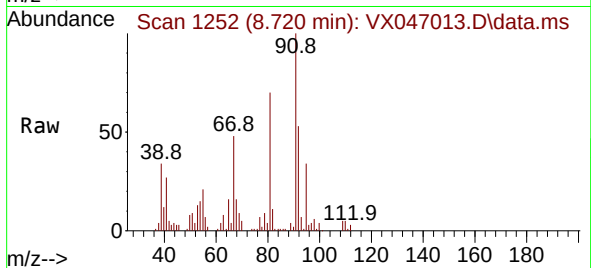
Tgt Ion: 98 Resp: 542010
Ion Ratio Lower Upper
98 100
100 60.6 53.0 79.6





#52
Toluene
Concen: 1.611 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

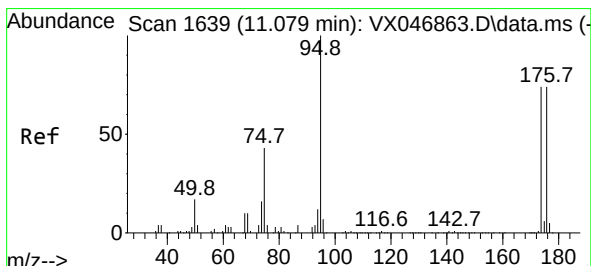
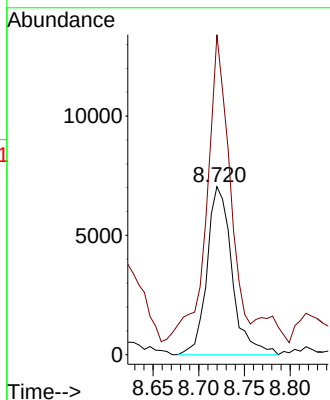
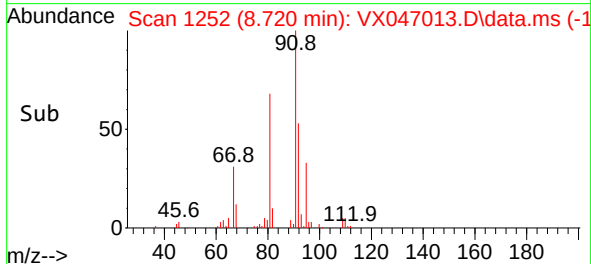
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 92 Resp: 13380
Ion Ratio Lower Upper
92 100
91 162.8 137.9 206.9

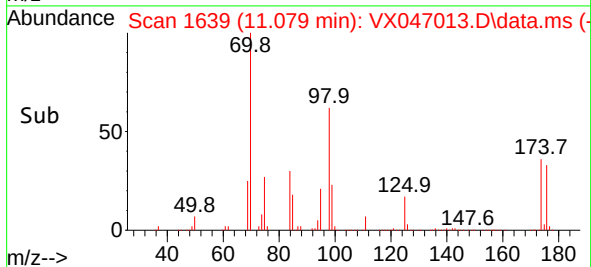
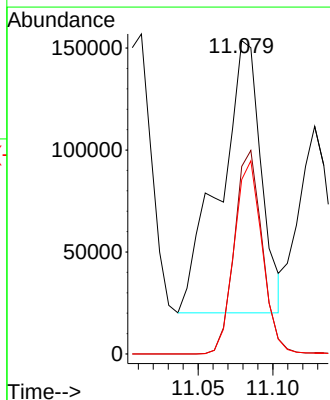
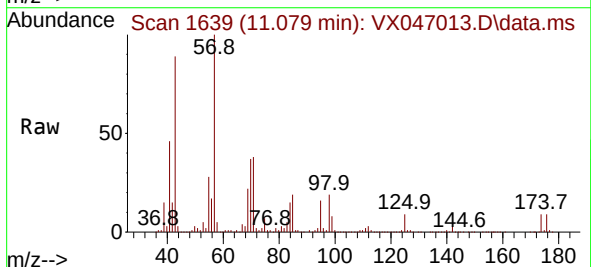
Manual Integrations
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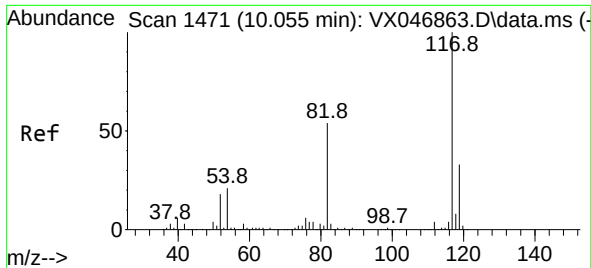
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#62
4-Bromofluorobenzene
Concen: 58.209 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

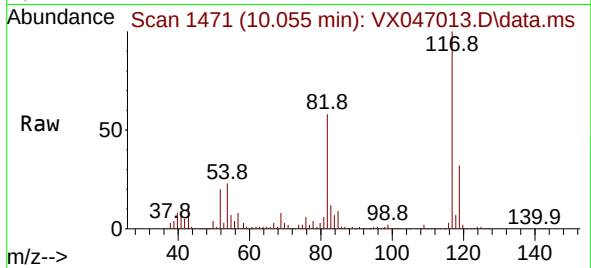
Tgt Ion: 95 Resp: 256542
Ion Ratio Lower Upper
95 100
174 50.8 0.0 152.0
176 48.4 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

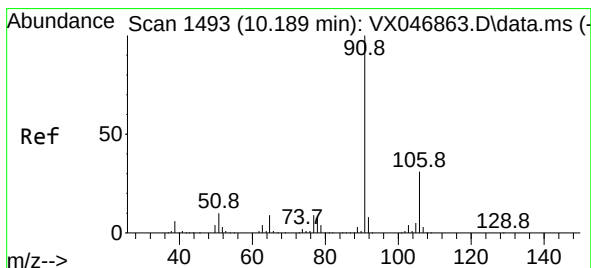
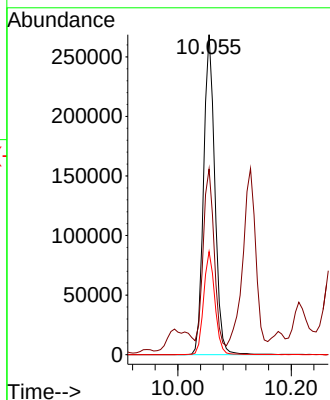
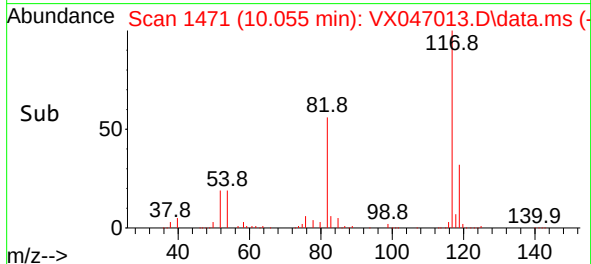
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion:117 Resp: 36933
Ion Ratio Lower Upper
117 100
82 51.0 43.3 64.9
119 32.2 26.4 39.6

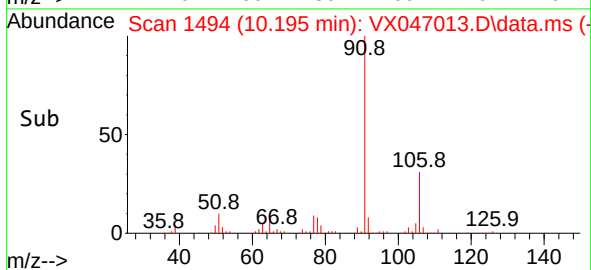
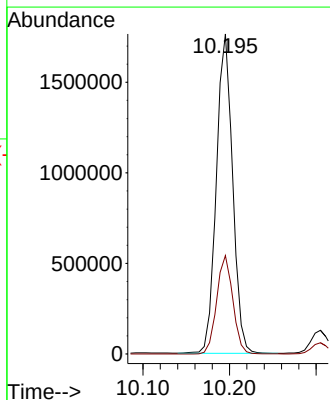
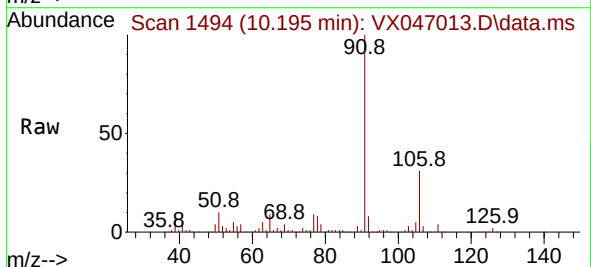
Manual Integrations
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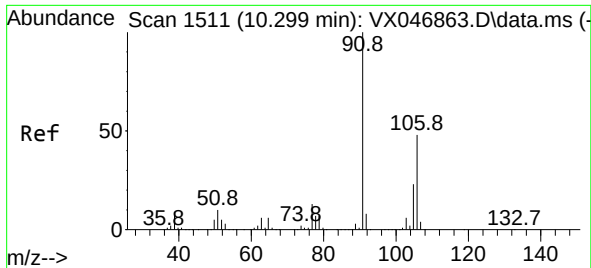
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#67
Ethyl Benzene
Concen: 168.033 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 91 Resp: 2297804
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6





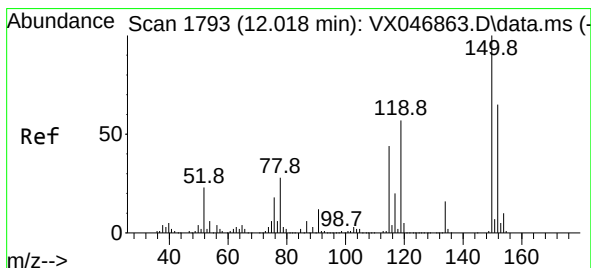
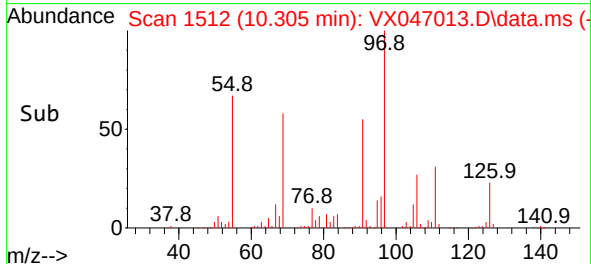
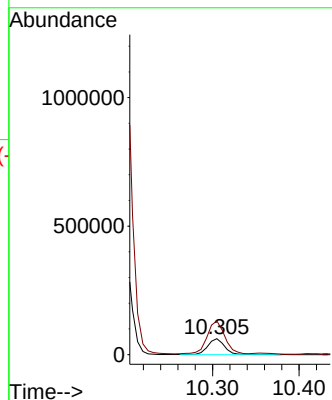
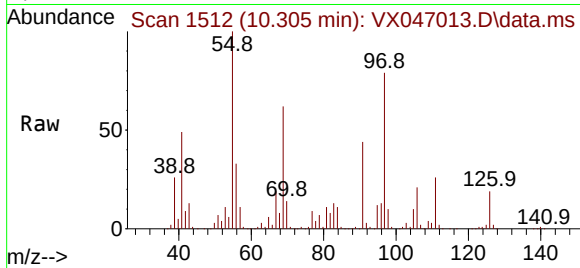
#68
m/p-Xylenes
Concen: 16.043 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

Tgt Ion:106 Resp: 8266
Ion Ratio Lower Upper
106 100
91 216.0 164.6 246.8

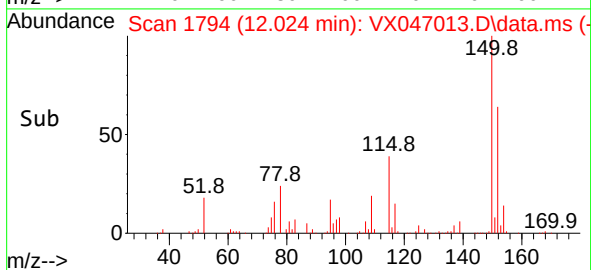
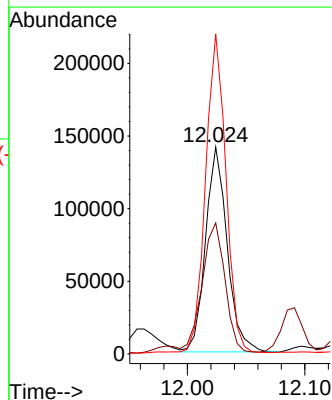
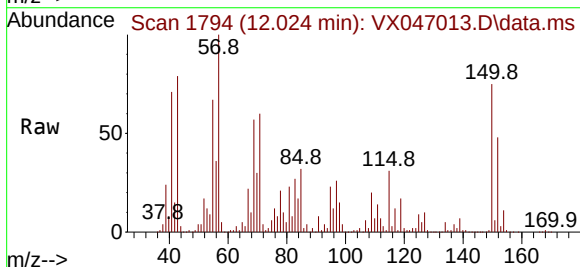
Manual Integrations
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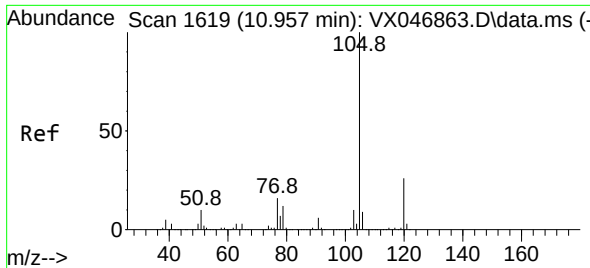
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

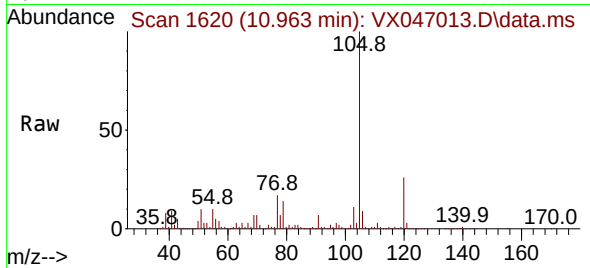
Tgt Ion:152 Resp: 180753
Ion Ratio Lower Upper
152 100
115 66.2 42.4 127.1
150 148.0 0.0 349.2





#73
Isopropylbenzene
Concen: 142.749 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

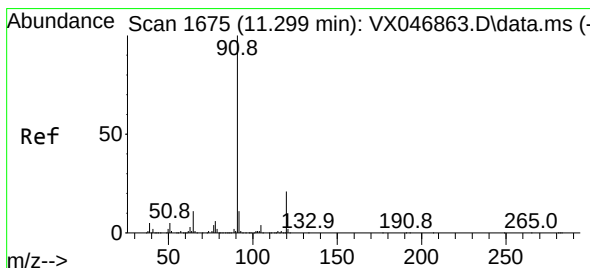
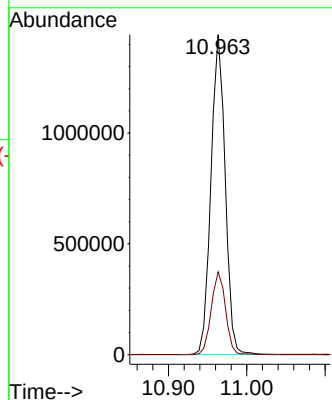
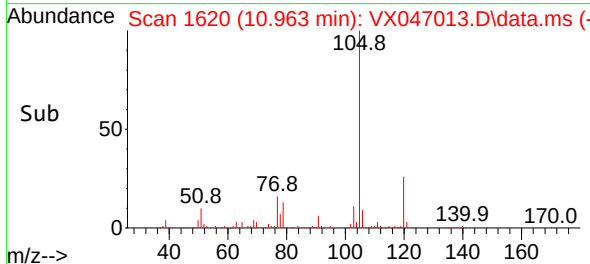
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



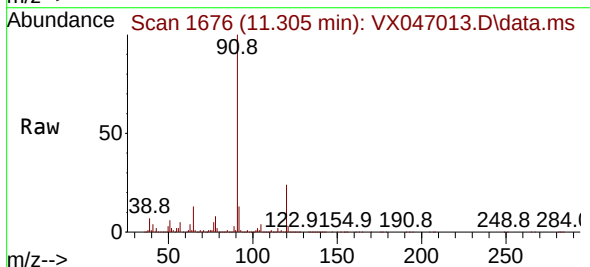
Tgt Ion:105 Resp: 1813824
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

Manual Integrations
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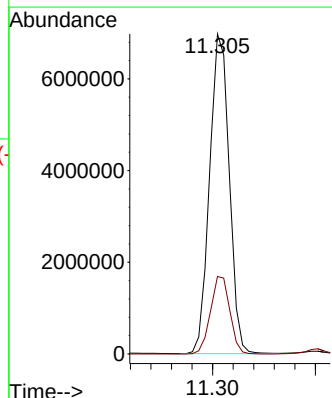
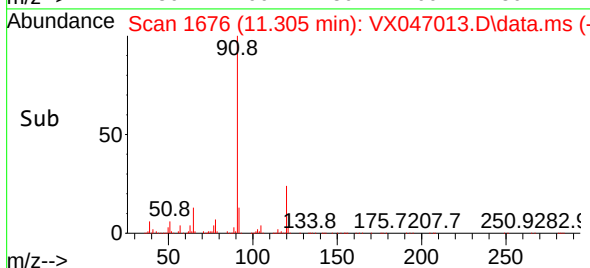
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

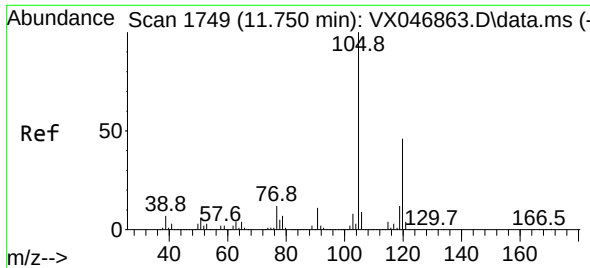


#78
n-propylbenzene
Concen: 604.100 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13



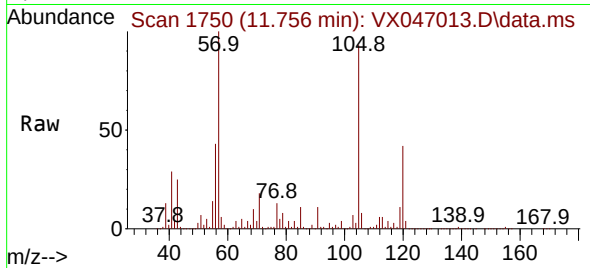
Tgt Ion: 91 Resp: 9255670
Ion Ratio Lower Upper
91 100
120 23.8 11.2 33.5





#84
1,2,4-Trimethylbenzene
Concen: 445.179 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

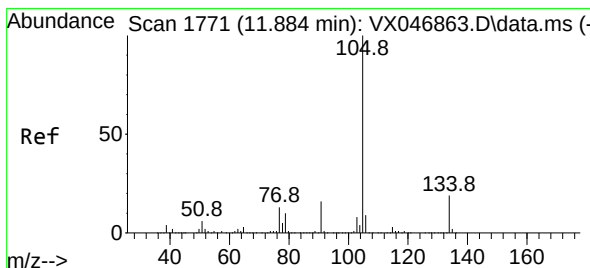
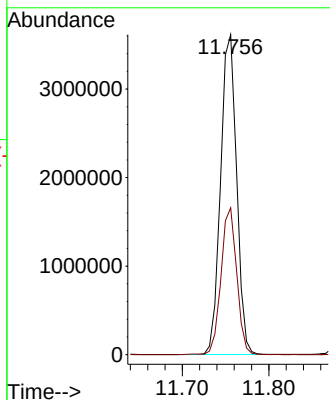
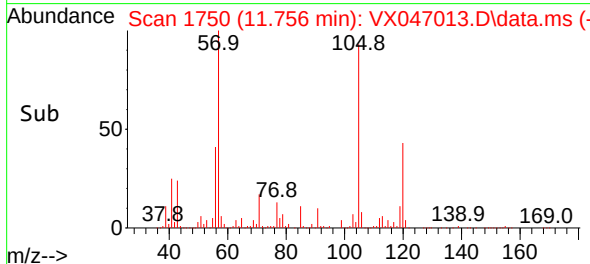
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



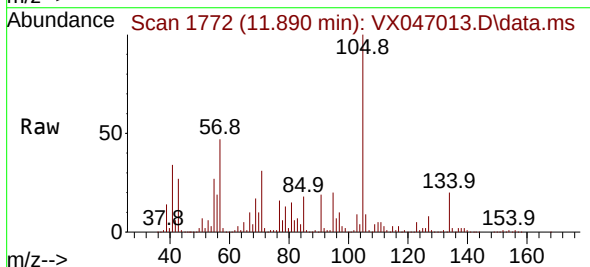
Tgt Ion:105 Resp: 464574
Ion Ratio Lower Upper
105 100
120 45.0 23.3 69.8

Manual Integrations
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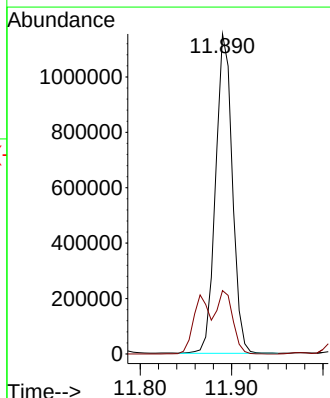
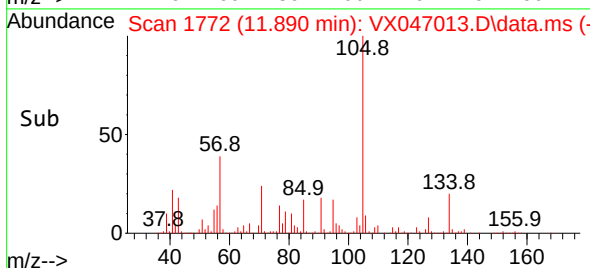
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

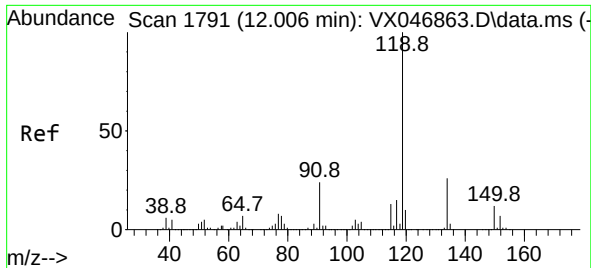


#85
sec-Butylbenzene
Concen: 108.891 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13



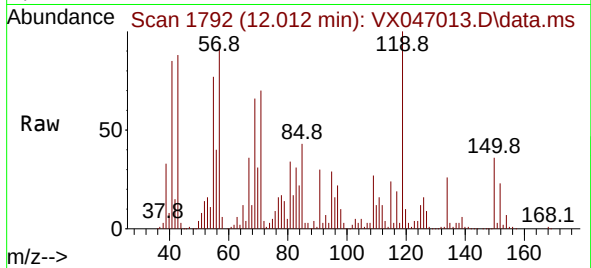
Tgt Ion:105 Resp: 1464013
Ion Ratio Lower Upper
105 100
134 18.9 9.9 29.7





#86
p-Isopropyltoluene
Concen: 19.490 ug/l
RT: 12.012 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

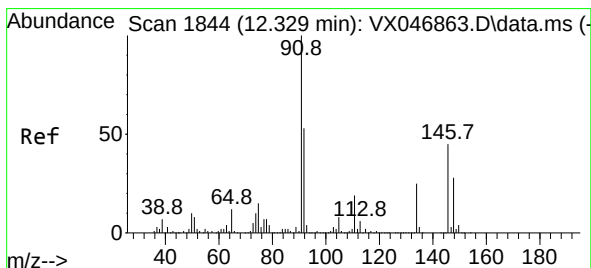
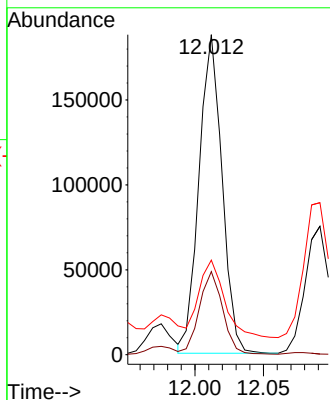
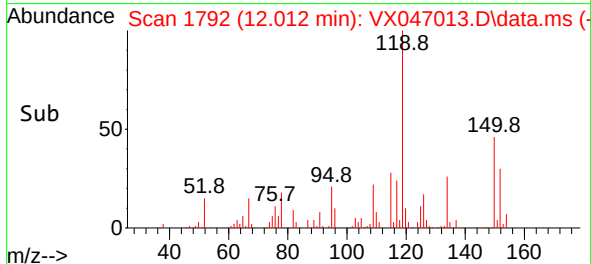
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 119 Resp: 219440
Ion Ratio Lower Upper
119 100
134 26.3 13.0 39.0
91 26.7 12.0 36.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#89
n-Butylbenzene
Concen: 140.281 ug/l m
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 91 Resp: 1484029
Ion Ratio Lower Upper
91 100
92 63.8 27.0 81.0
134 50.9 12.8 38.4#

