

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047028.D
 Acq On : 16 Jul 2025 14:24
 Operator : JC/MD
 Sample : Q2600-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCH

Quant Time: Jul 17 03:34:22 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

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	367687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	638586	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	581092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	282899	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	248650	51.189	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.380%			
35) Dibromofluoromethane	5.403	113	206211	47.572	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.140%			
50) Toluene-d8	8.653	98	753574	49.273	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.540%			
62) 4-Bromofluorobenzene	11.079	95	307984	52.986	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.980%			
Target Compounds					Qvalue	
16) Acetone	2.392	43	96830	64.175	ug/l	97
18) Methyl Acetate	2.721	43	36748	9.240	ug/l	97
20) Methylene Chloride	2.806	84	42006	9.415	ug/l	98
25) 2-Butanone	4.592	43	14157	7.033	ug/l	98
31) Cyclohexane	5.495	56	63208m	9.103	ug/l	
37) Ethyl Acetate	4.751	43	23732m	4.764	ug/l	
39) Methylcyclohexane	7.385	83	432172	59.073	ug/l	95
40) Benzene	6.056	78	21436	1.212	ug/l #	85
43) Isopropyl Acetate	6.354	43	19553	2.563	ug/l #	87
67) Ethyl Benzene	10.195	91	885832	41.172	ug/l	100
68) m/p-Xylenes	10.305	106	37626	4.641	ug/l	97
73) Isopropylbenzene	10.963	105	602760	30.309	ug/l	99
78) n-propylbenzene	11.305	91	2161401	90.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	21200m	1.312	ug/l	
83) tert-Butylbenzene	11.713	119	29497	1.767	ug/l	84
84) 1,2,4-Trimethylbenzene	11.750	105	1677405	102.700	ug/l	97
85) sec-Butylbenzene	11.890	105	233511	11.097	ug/l	94
89) n-Butylbenzene	12.329	91	136849m	8.265	ug/l	

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

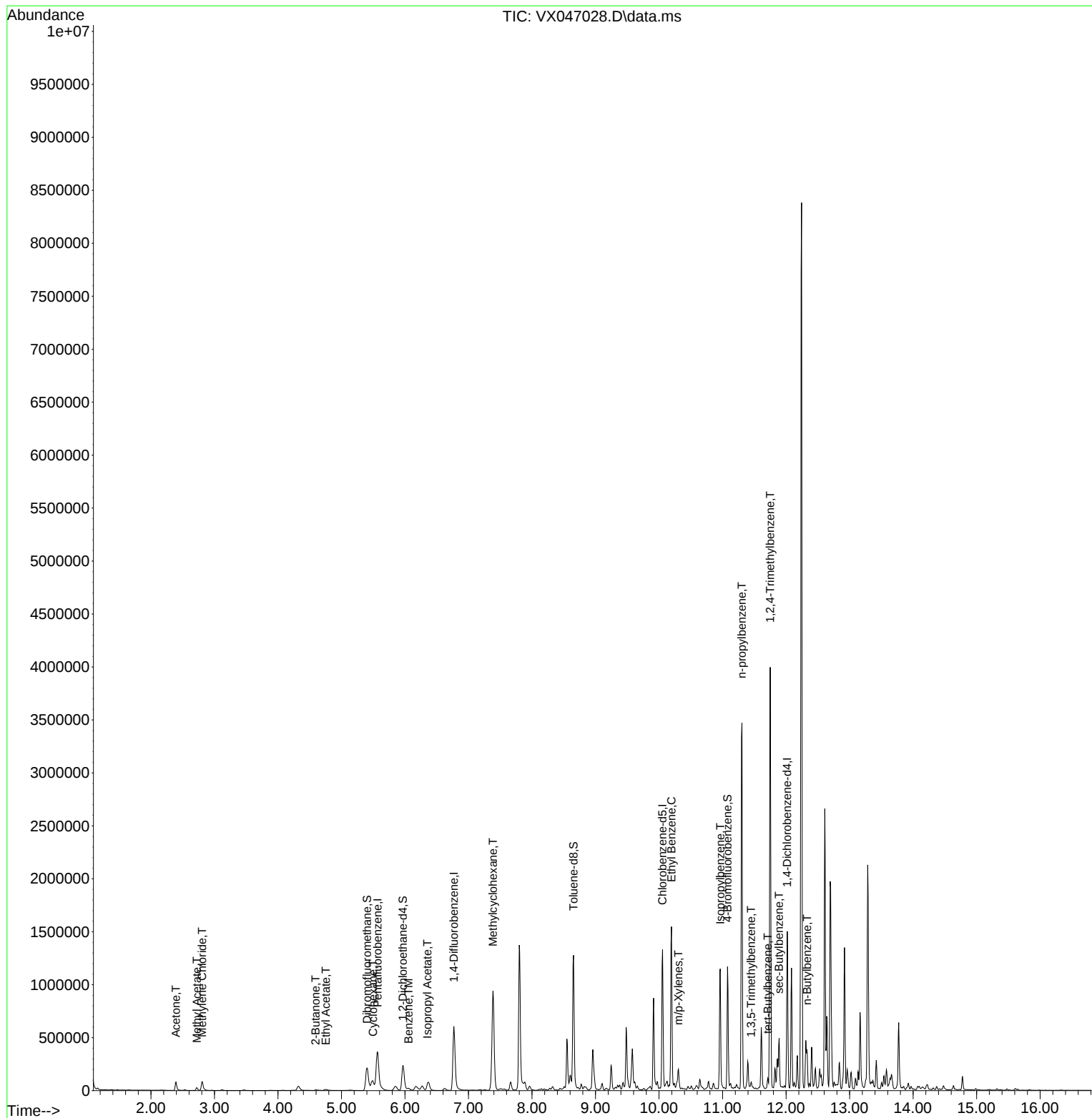
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
Data File : VX047028.D
Acq On : 16 Jul 2025 14:24
Operator : JC/MD
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ALS Vial : 14 Sample Multiplier: 1

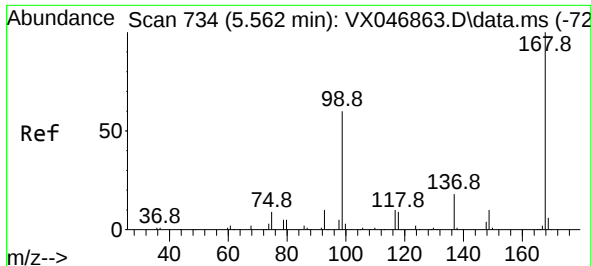
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

Quant Time: Jul 17 03:34:22 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

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APPROVED

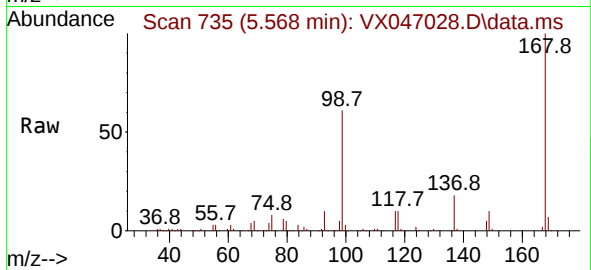
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

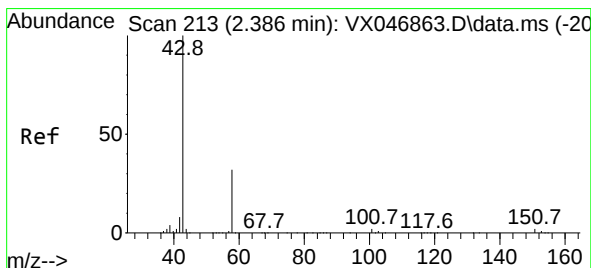
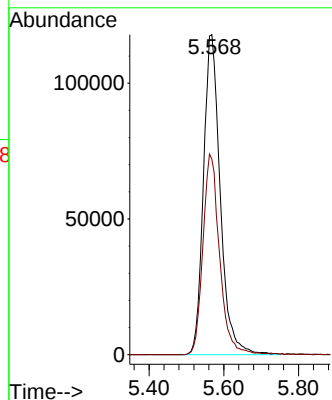
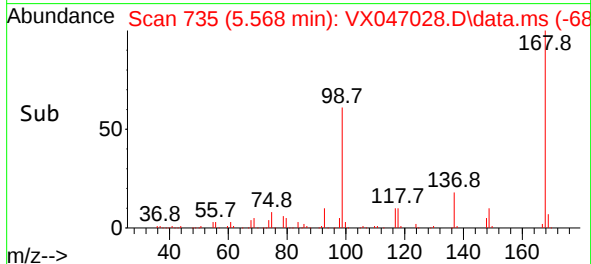
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



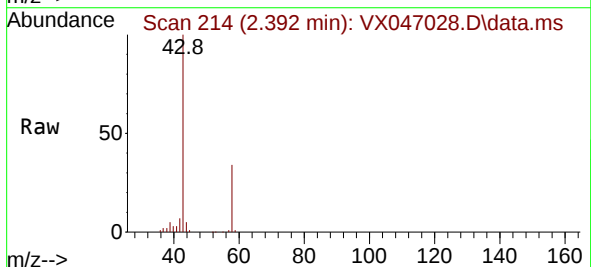
Tgt Ion:168 Resp: 36768
Ion Ratio Lower Upper
168 100
99 61.1 48.8 73.2

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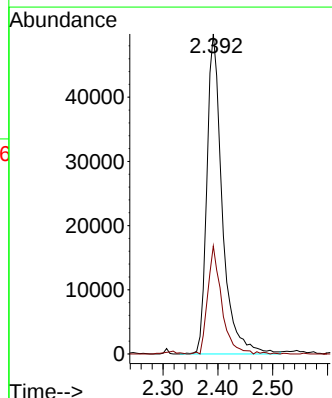
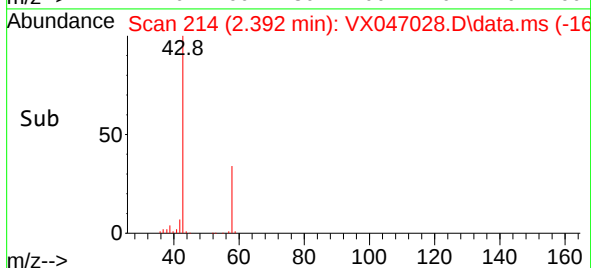
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

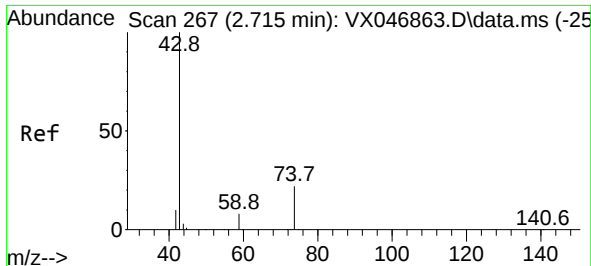


#16
Acetone
Concen: 64.175 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24



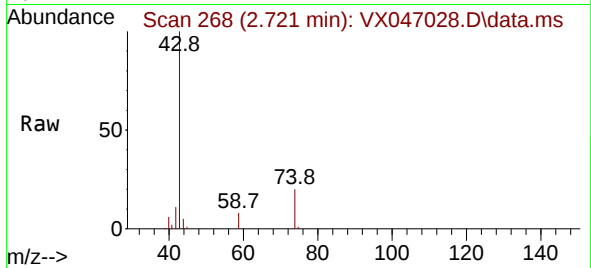
Tgt Ion: 43 Resp: 96830
Ion Ratio Lower Upper
43 100
58 33.8 25.8 38.6





#18
Methyl Acetate
Concen: 9.240 ug/l
RT: 2.721 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

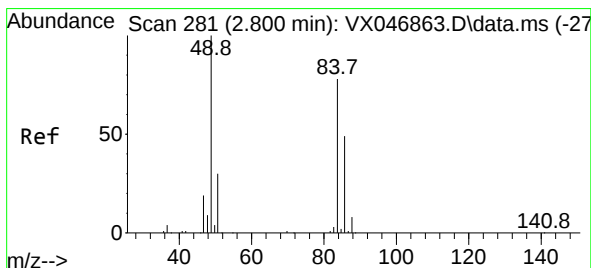
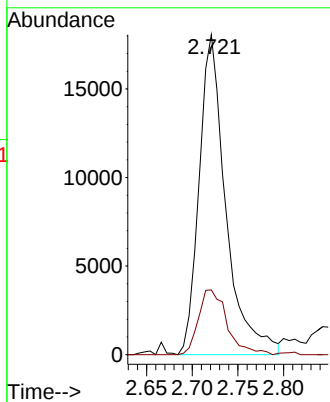
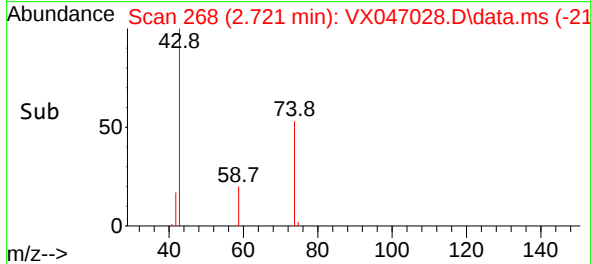
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 43 Resp: 36748
Ion Ratio Lower Upper
43 100
74 21.7 18.3 27.5

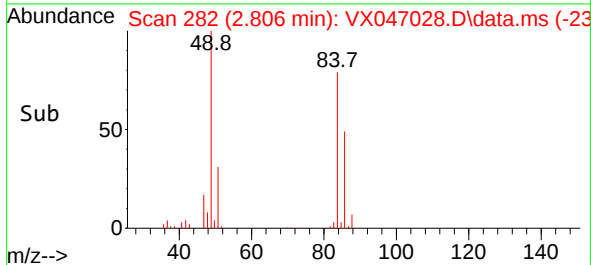
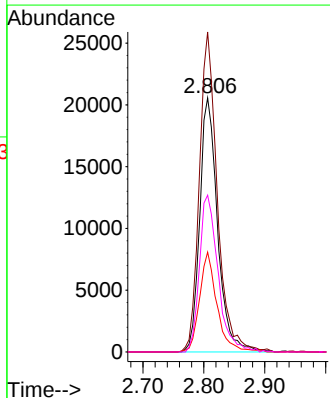
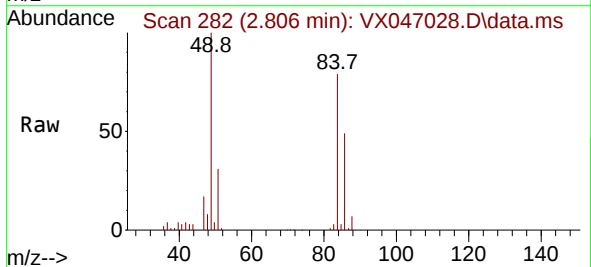
Manual Integrations
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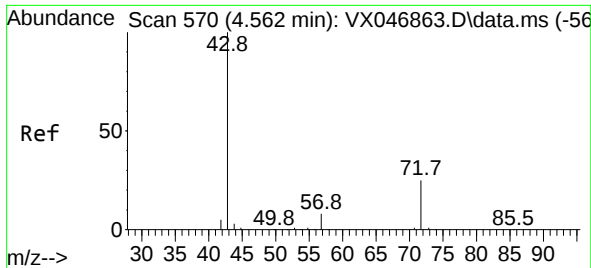
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#20
Methylene Chloride
Concen: 9.415 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

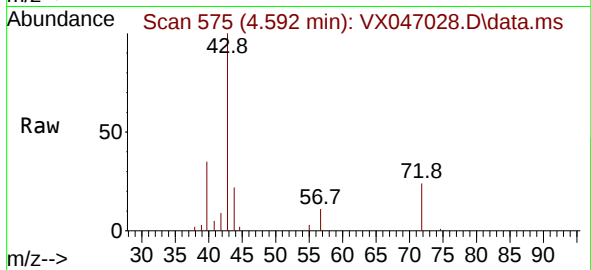
Tgt Ion: 84 Resp: 42006
Ion Ratio Lower Upper
84 100
49 125.9 102.8 154.2
51 39.3 31.1 46.7
86 61.7 50.6 75.8





#25
2-Butanone
Concen: 7.033 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.030 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

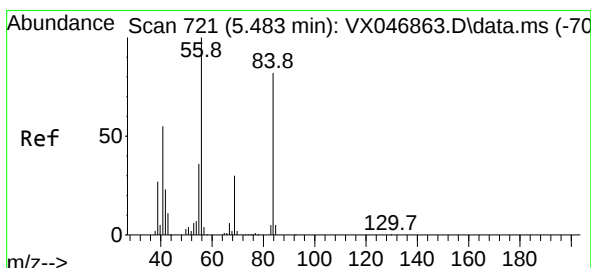
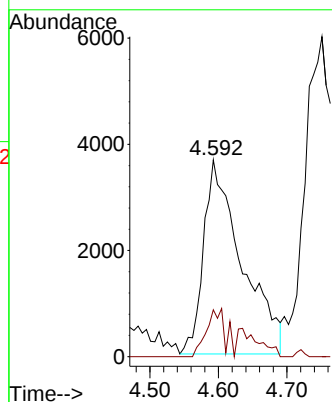
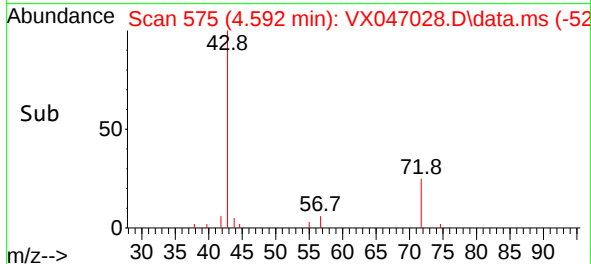
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
72 24.2 20.0 30.0

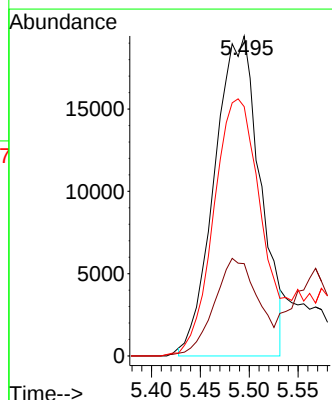
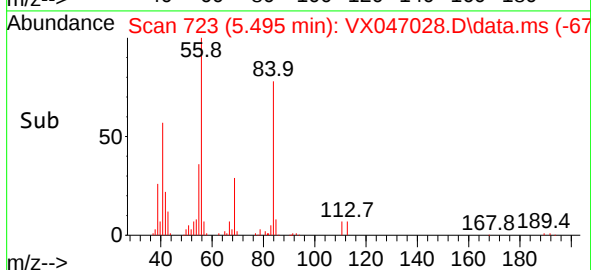
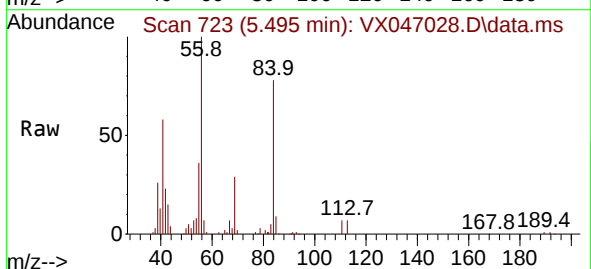
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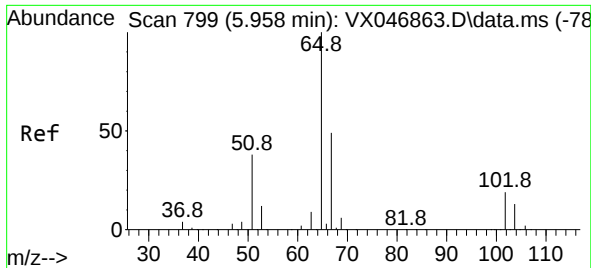
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#31
Cyclohexane
Concen: 9.103 ug/l m
RT: 5.495 min Scan# 723
Delta R.T. 0.012 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

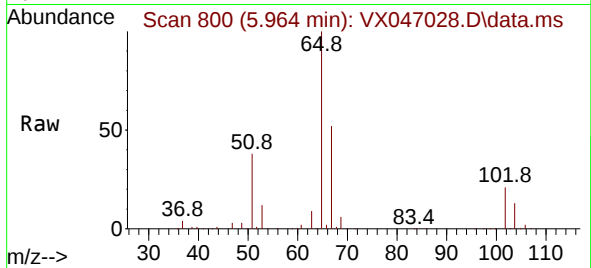
Tgt Ion: 56 Resp: 63208
Ion Ratio Lower Upper
56 100
69 28.9 24.0 36.0
84 77.9 66.5 99.7





#33
1,2-Dichloroethane-d4
Concen: 51.189 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

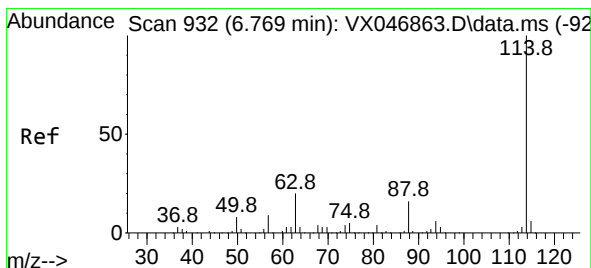
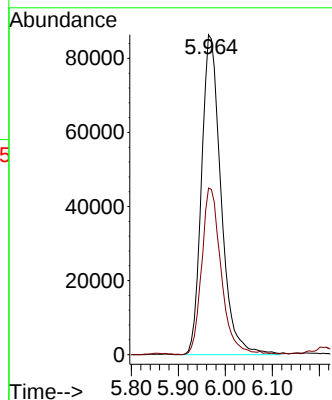
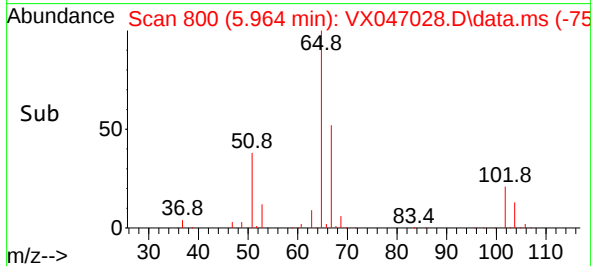
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 65 Resp: 248650
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

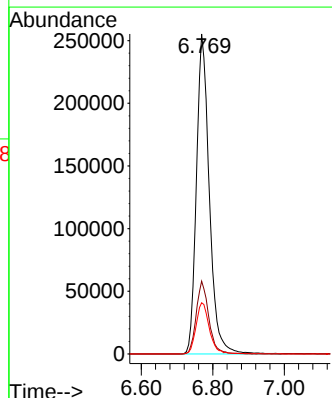
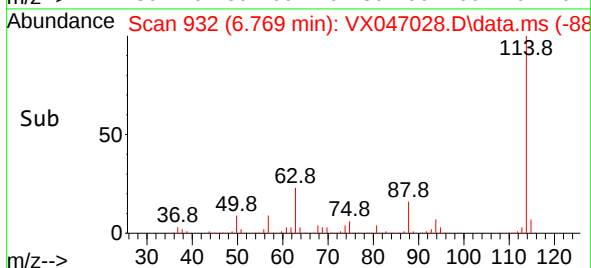
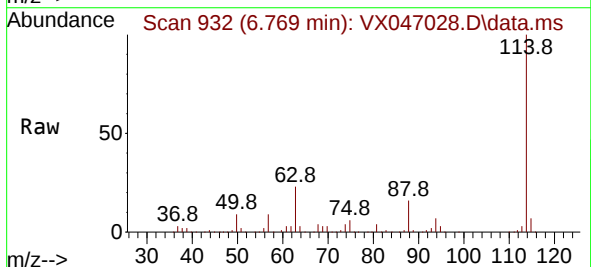
Manual Integrations
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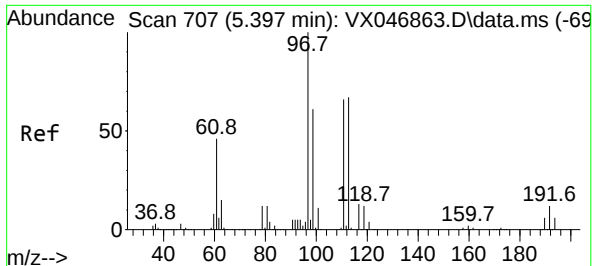
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

Tgt Ion:114 Resp: 638586
Ion Ratio Lower Upper
114 100
63 22.8 0.0 40.4
88 16.0 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.572 ug/l

RT: 5.403 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX047028.D

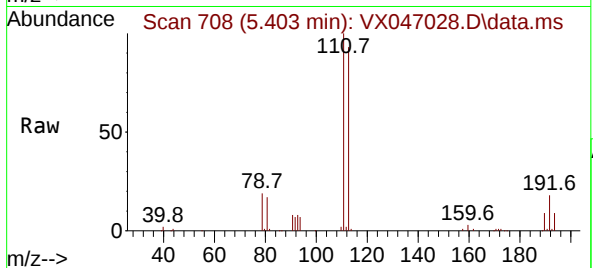
Acq: 16 Jul 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

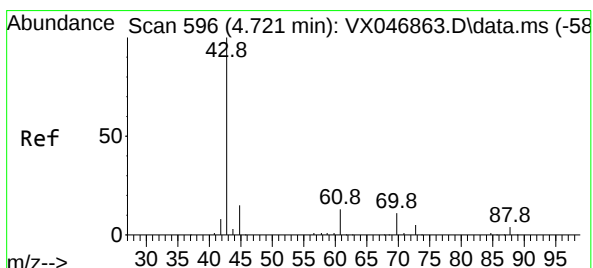
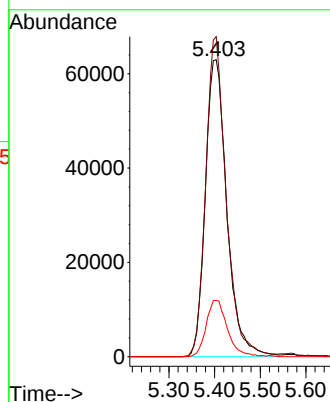
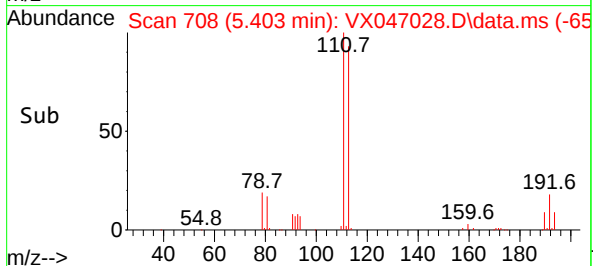


Tgt Ion:	113	Resp:	20621
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.2	121.8
192	18.7	15.3	22.9

Manual Integrations

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



#37

Ethyl Acetate

Concen: 4.764 ug/l m

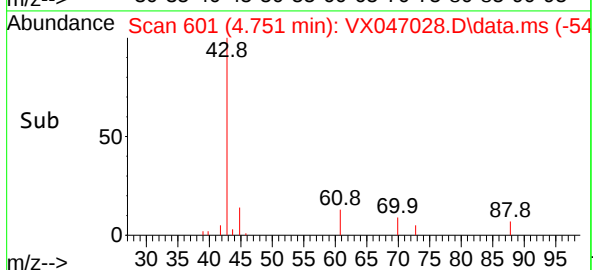
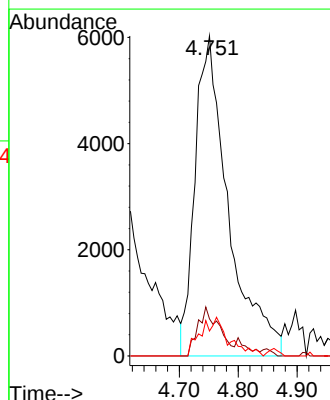
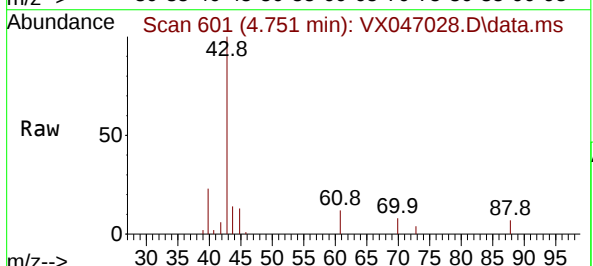
RT: 4.751 min Scan# 601

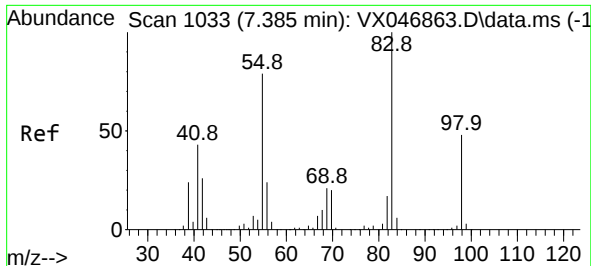
Delta R.T. 0.030 min

Lab File: VX047028.D

Acq: 16 Jul 2025 14:24

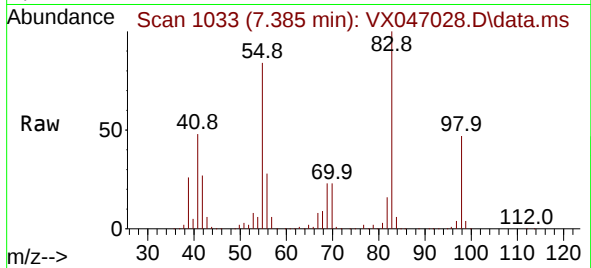
Tgt Ion:	43	Resp:	23732
Ion	Ratio	Lower	Upper
43	100		
61	9.9	9.7	14.5
70	10.1	8.3	12.5





#39
Methylcyclohexane
Concen: 59.073 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

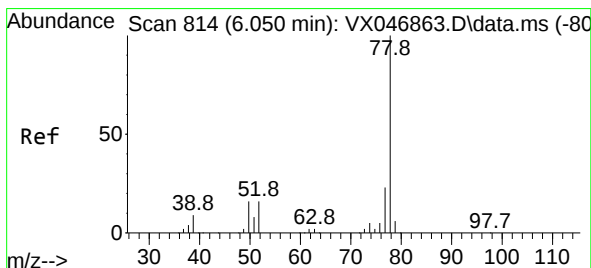
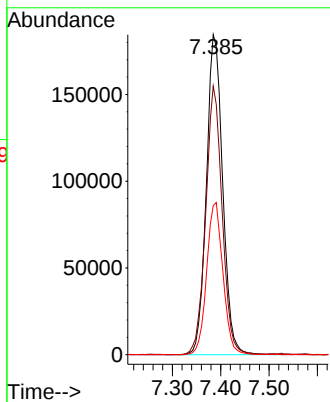
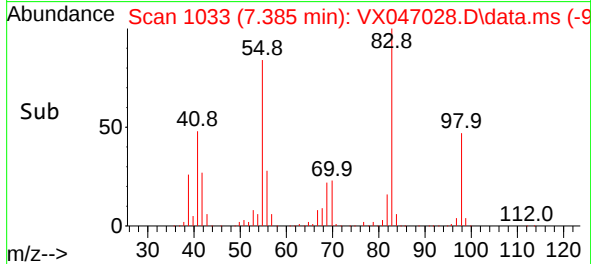
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 83 Resp: 432172
Ion Ratio Lower Upper
83 100
55 83.9 63.0 94.4
98 46.6 38.5 57.7

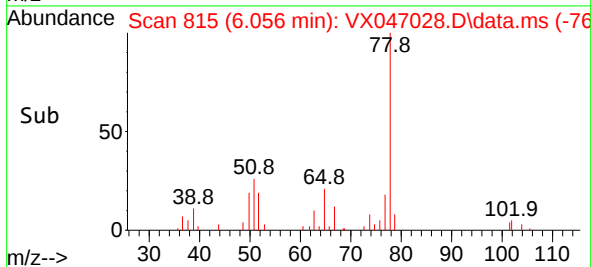
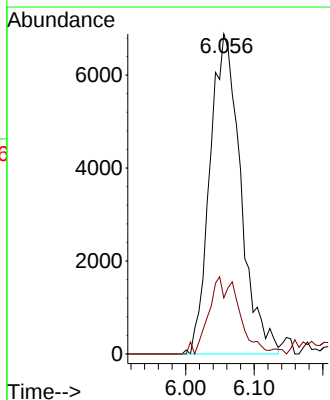
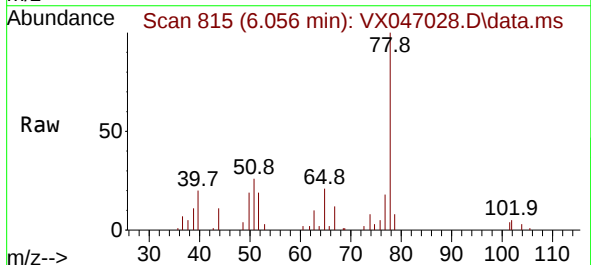
Manual Integrations
APPROVED

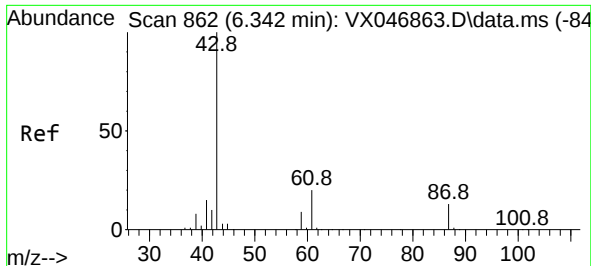
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#40
Benzene
Concen: 1.212 ug/l
RT: 6.056 min Scan# 815
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

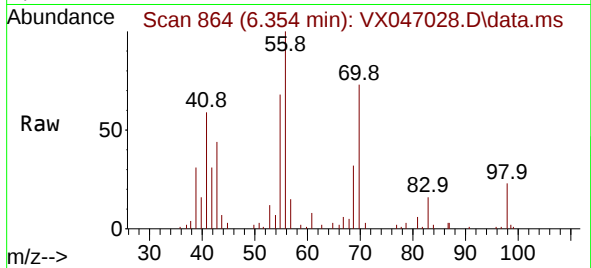
Tgt Ion: 78 Resp: 21436
Ion Ratio Lower Upper
78 100
77 16.3 18.7 28.1#





#43
Isopropyl Acetate
Concen: 2.563 ug/l
RT: 6.354 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

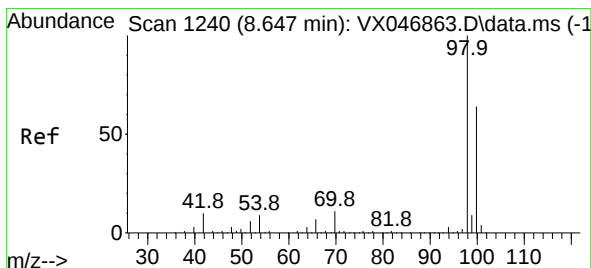
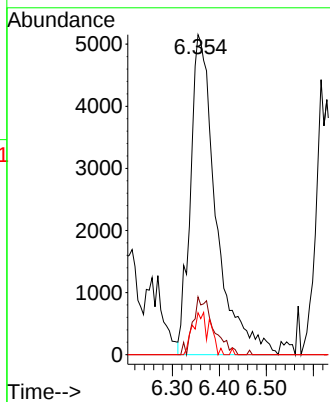
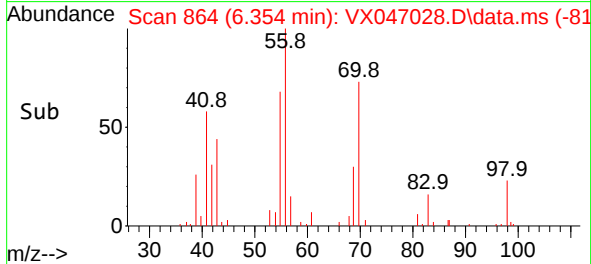
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 43 Resp: 1955
Ion Ratio Lower Upper
43 100
61 14.4 15.7 23.5
87 6.5 10.1 15.1

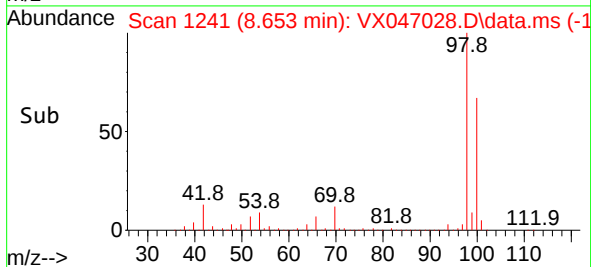
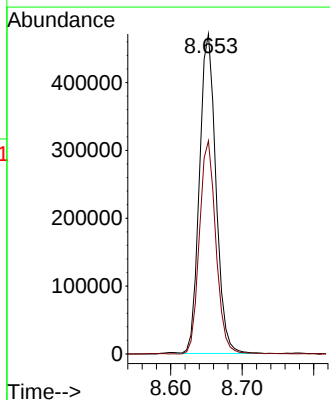
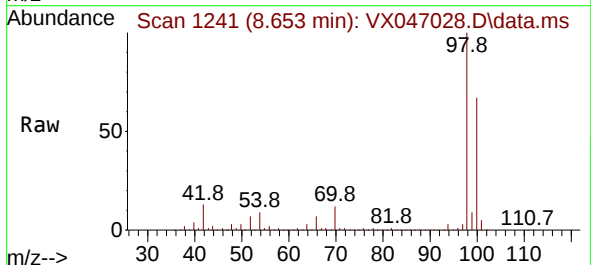
Manual Integrations
APPROVED

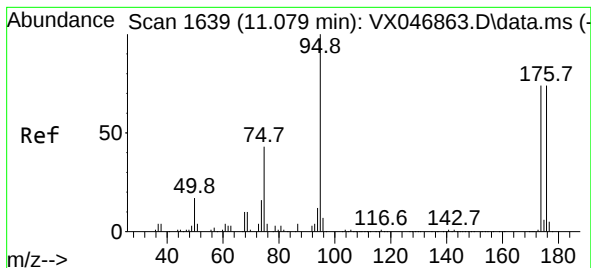
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#50
Toluene-d8
Concen: 49.273 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

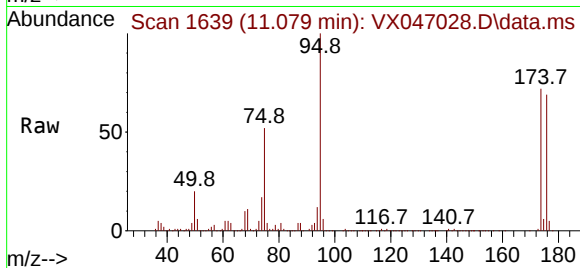
Tgt Ion: 98 Resp: 753574
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6





#62
4-Bromofluorobenzene
Concen: 52.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

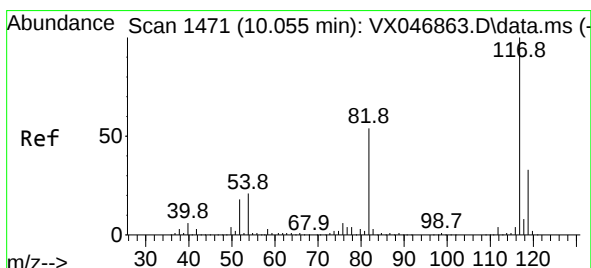
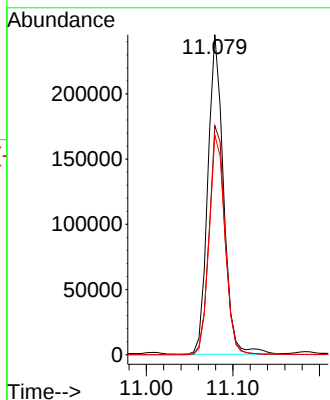
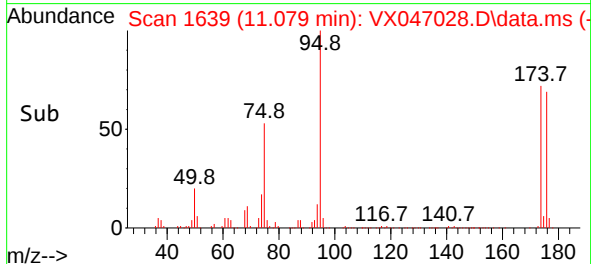
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



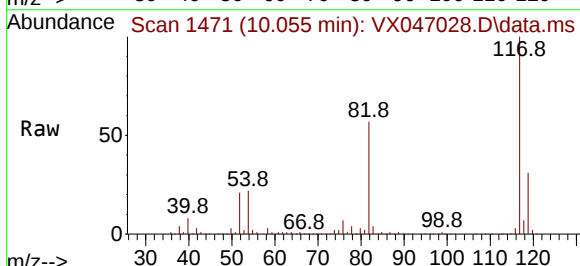
Tgt Ion: 95 Resp: 307984
Ion Ratio Lower Upper
95 100
174 72.7 0.0 152.0
176 69.5 0.0 145.2

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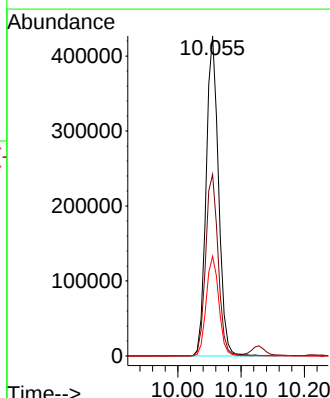
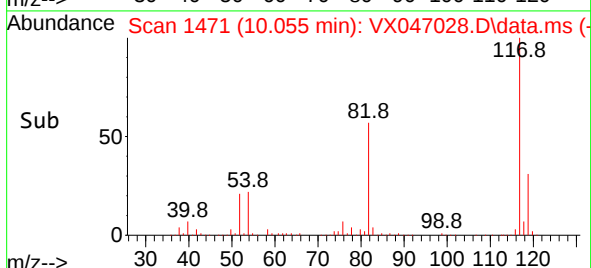
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

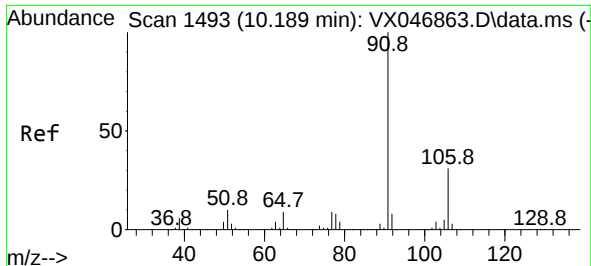


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24



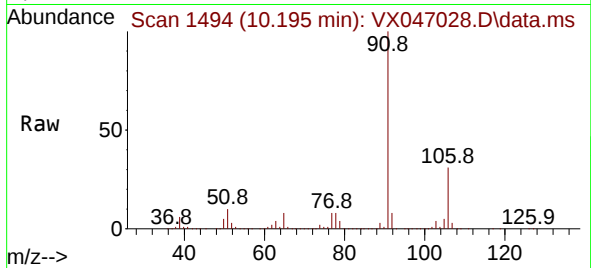
Tgt Ion:117 Resp: 581092
Ion Ratio Lower Upper
117 100
82 56.7 43.3 64.9
119 31.2 26.4 39.6





#67
Ethyl Benzene
Concen: 41.172 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

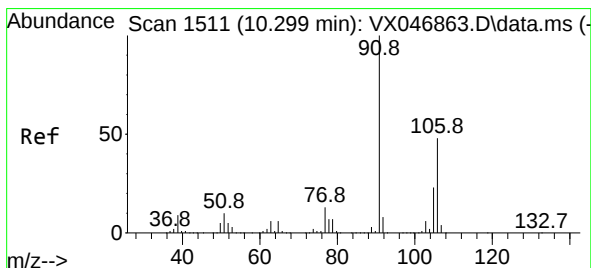
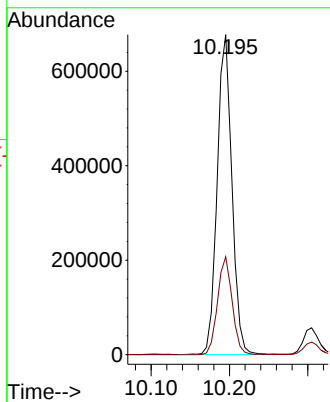
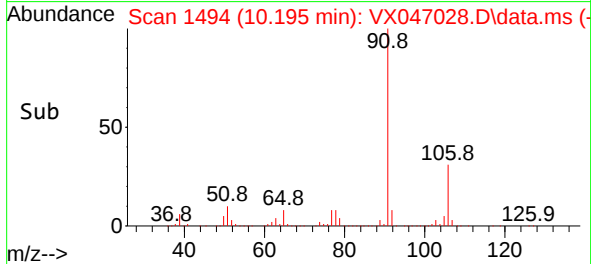
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion: 91 Resp: 885832
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6

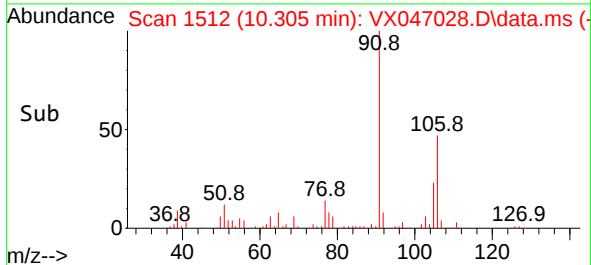
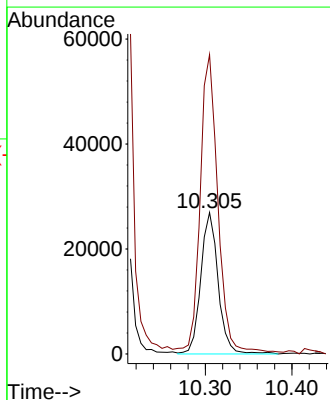
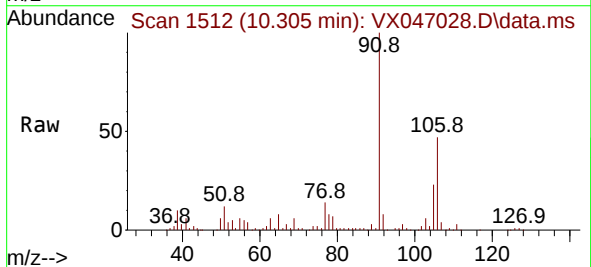
Manual Integrations
APPROVED

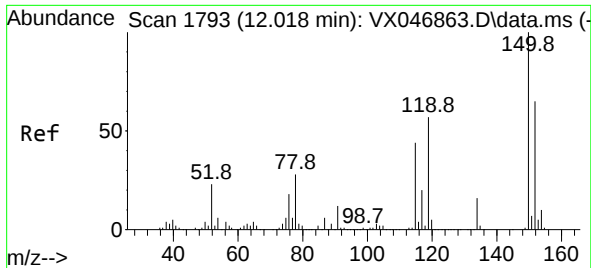
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#68
m/p-Xylenes
Concen: 4.641 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

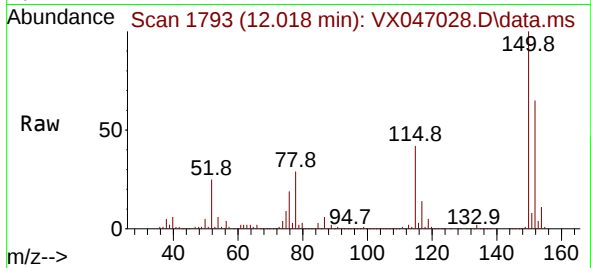
Tgt Ion:106 Resp: 37626
Ion Ratio Lower Upper
106 100
91 210.9 164.6 246.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

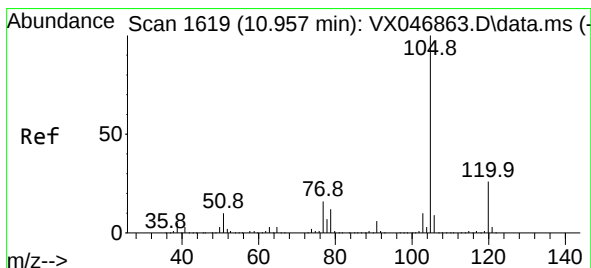
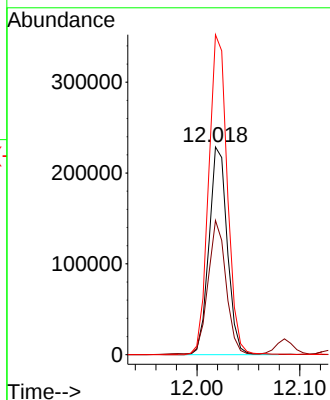
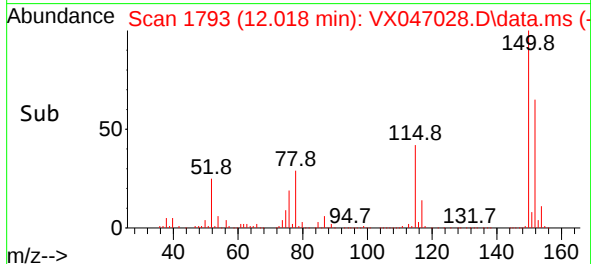
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



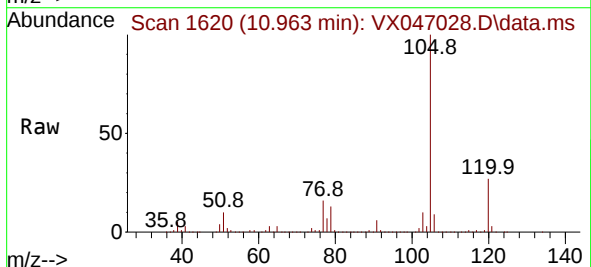
Tgt Ion:152 Resp: 28289
Ion Ratio Lower Upper
152 100
115 64.1 42.4 127.1
150 157.1 0.0 349.2

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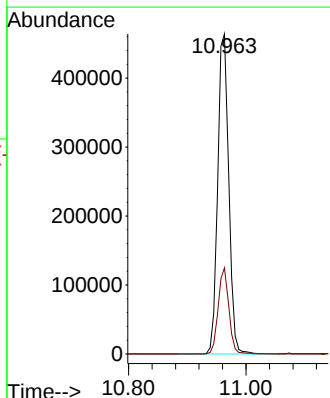
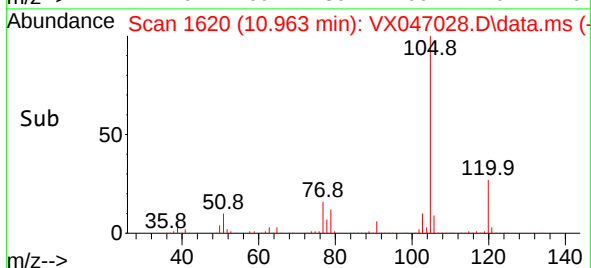
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025

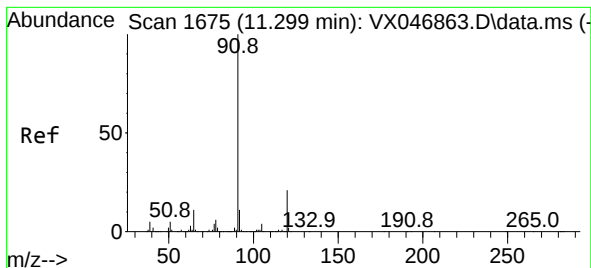


#73
Isopropylbenzene
Concen: 30.309 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24



Tgt Ion:105 Resp: 602760
Ion Ratio Lower Upper
105 100
120 25.9 13.2 39.5





#78

n-propylbenzene

Concen: 90.134 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX047028.D

Acq: 16 Jul 2025 14:24

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

Tgt Ion: 91 Resp: 216140

Ion Ratio Lower Upper

91 100

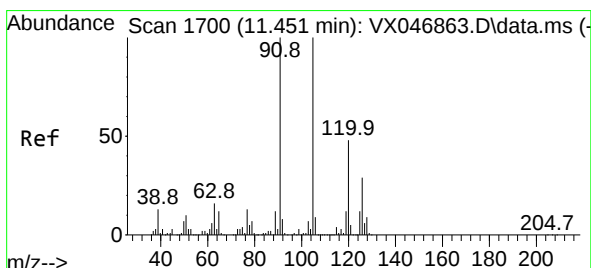
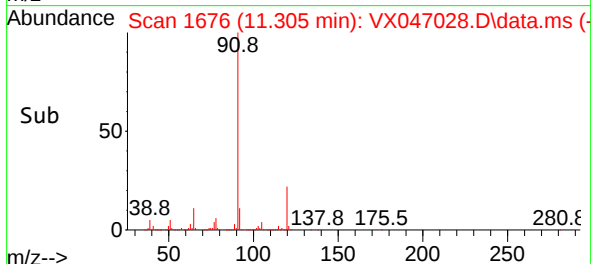
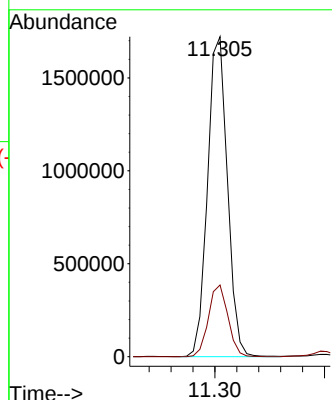
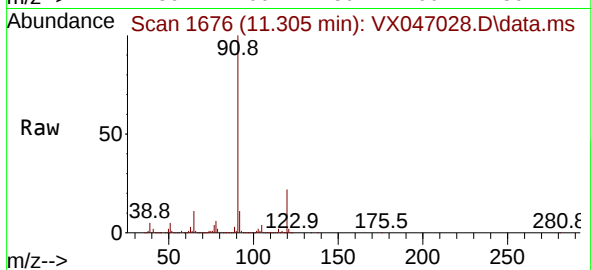
120 22.0 11.2 33.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 07/17/2025

Supervised By :Semsettin Yesilyurt 07/17/2025



#80

1,3,5-Trimethylbenzene

Concen: 1.312 ug/l m

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX047028.D

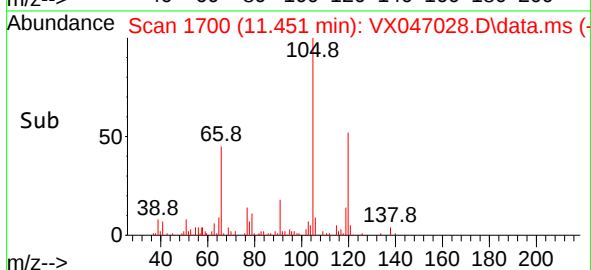
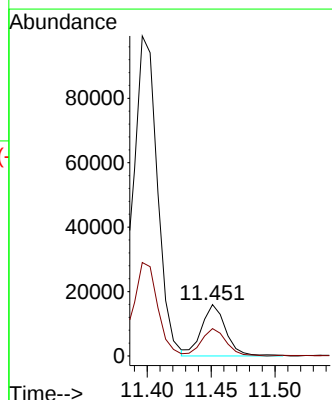
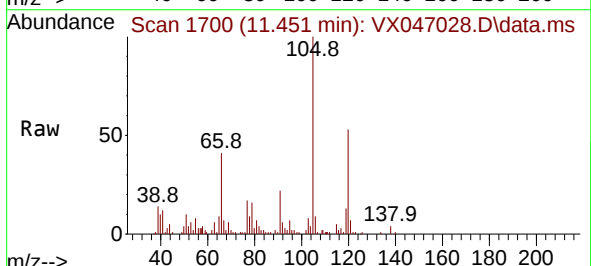
Acq: 16 Jul 2025 14:24

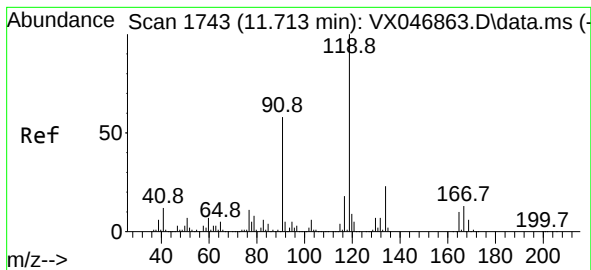
Tgt Ion:105 Resp: 21200

Ion Ratio Lower Upper

105 100

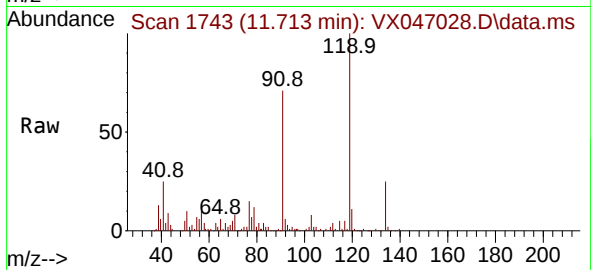
120 188.7 24.1 72.4#





#83
tert-Butylbenzene
Concen: 1.767 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

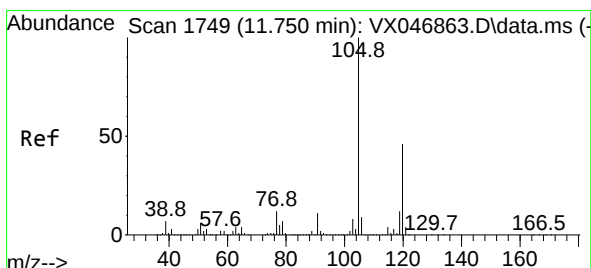
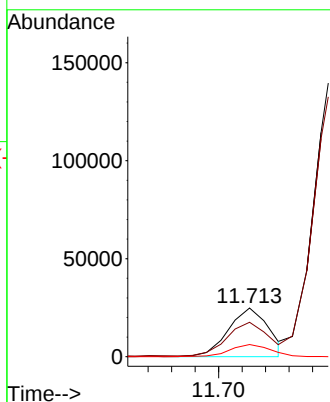
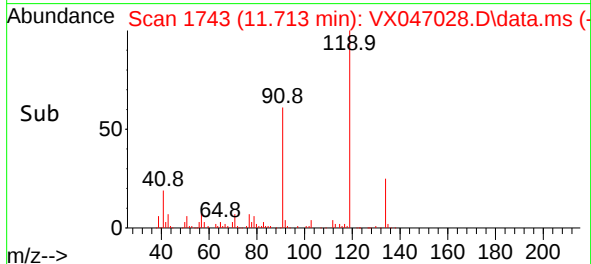
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH



Tgt Ion:119 Resp: 2949
Ion Ratio Lower Upper
119 100
91 72.0 28.7 86.3
134 25.6 11.4 34.2

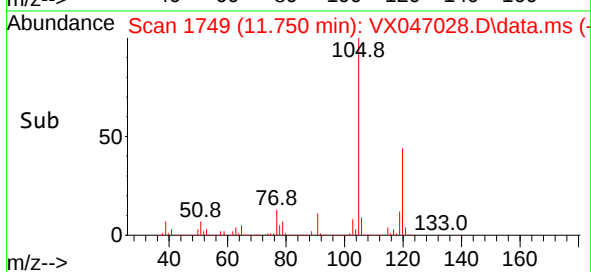
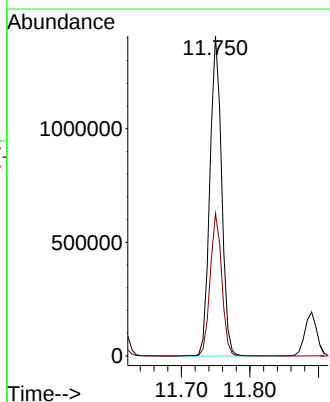
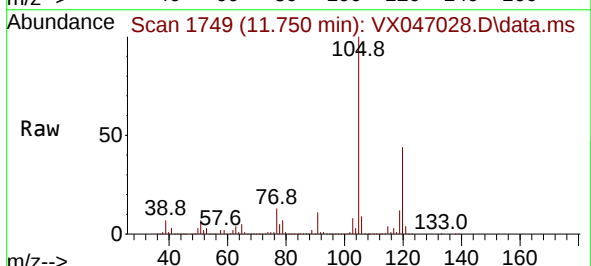
Manual Integrations
APPROVED

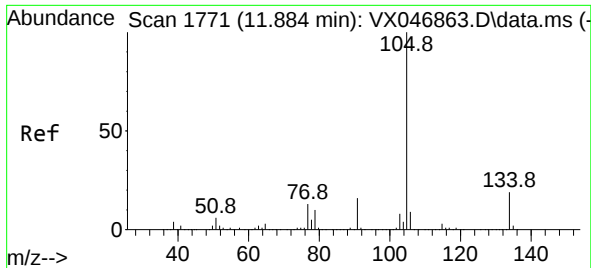
Reviewed By :Mahesh Dadoda 07/17/2025
Supervised By :Semsettin Yesilyurt 07/17/2025



#84
1,2,4-Trimethylbenzene
Concen: 102.700 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047028.D
Acq: 16 Jul 2025 14:24

Tgt Ion:105 Resp: 1677405
Ion Ratio Lower Upper
105 100
120 44.2 23.3 69.8





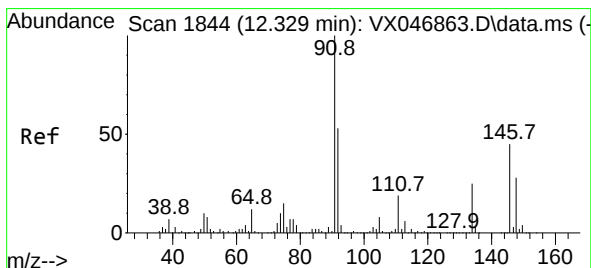
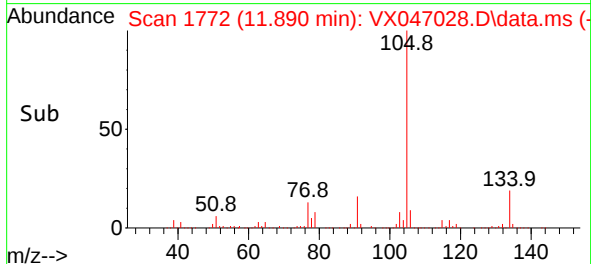
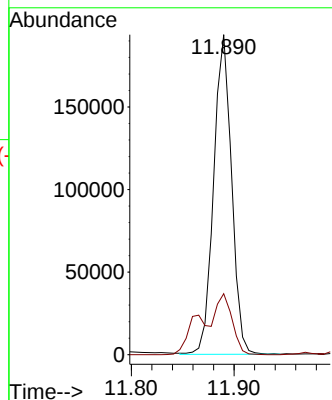
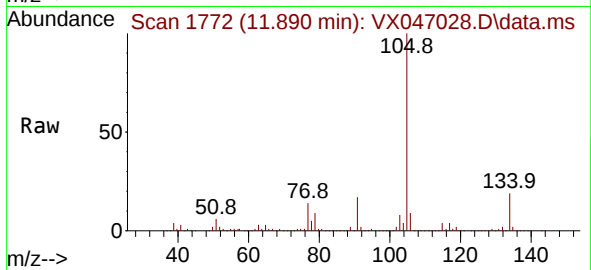
#85
 sec-Butylbenzene
 Concen: 11.097 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX047028.D
 Acq: 16 Jul 2025 14:24

Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCH

Tgt Ion:105 Resp: 23351
 Ion Ratio Lower Upper
 105 100
 134 17.0 9.9 29.7

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



#89
 n-Butylbenzene
 Concen: 8.265 ug/l m
 RT: 12.329 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VX047028.D
 Acq: 16 Jul 2025 14:24

Tgt Ion: 91 Resp: 136849
 Ion Ratio Lower Upper
 91 100
 92 59.3 27.0 81.0
 134 59.8 12.8 38.4#

