

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

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		
5) Bromomethane	1.611	94	1999	0.909	ug/l	93
10) Methyl Iodide	2.459	142	4729	1.287	ug/l	96
13) Acrolein	2.191	56	26	2.924	ug/l #	77
14) Allyl chloride	2.825	41	17038	2.934	ug/l #	64
15) Acrylonitrile	3.093	53	1486	0.986	ug/l #	47
16) Acetone	2.410	43	2693	2.182	ug/l #	83
18) Methyl Acetate	2.727	43	5311	1.632	ug/l	99
20) Methylene Chloride	2.788	84	2028	0.556	ug/l #	58
25) 2-Butanone	4.452	43	8564	5.200	ug/l #	50
29) Tetrahydrofuran	5.068	42	221	0.211	ug/l #	34
31) Cyclohexane	5.483	56	370911	65.295	ug/l	89
36) 1,1-Dichloropropene	5.556	75	23530	5.306	ug/l #	50
38) Carbon Tetrachloride	5.556	117	31561	6.732	ug/l #	15
39) Methylcyclohexane	7.385	83	4904182	884.098	ug/l	96
40) Benzene	6.043	78	11197	0.835	ug/l #	90
41) Methacrylonitrile	5.123	41	12165	6.038	ug/l #	24
43) Isopropyl Acetate	6.360	43	48046	8.305	ug/l #	64
45) 1,2-Dichloropropane	7.385	63	48068	14.185	ug/l #	1
46) Dibromomethane	7.501	93	1554	0.662	ug/l #	1
47) Bromodichloromethane	7.775	83	40105	7.999	ug/l #	1
48) Methyl methacrylate	7.659	41	312319	104.555	ug/l #	55
49) 1,4-Dioxane	7.659	88	48	1.387	ug/l #	1
51) 4-Methyl-2-Pentanone	8.604	43	255497	74.833	ug/l #	47
52) Toluene	8.720	92	13386	1.611	ug/l	93
55) 1,1,2-Trichloroethane	9.104	97	600949	194.116	ug/l #	18
56) Ethyl methacrylate	9.104	69	134614	31.416	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.281	63	3673	1.521	ug/l #	47
59) 2-Hexanone	9.384	43	1423299	628.488	ug/l #	29
60) Dibromochloromethane	9.500	129	3540	0.955	ug/l #	1
61) 1,2-Dibromoethane	9.598	107	2620	0.843	ug/l #	1
65) Chlorobenzene	10.012	112	7870	0.986	ug/l #	56
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
69) o-Xylene	10.646	106	6698	1.346	ug/l	78
73) Isopropylbenzene	10.963	105	1813824	142.749	ug/l	99
74) N-amyl acetate	10.854	43	651196	150.817	ug/l #	1

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

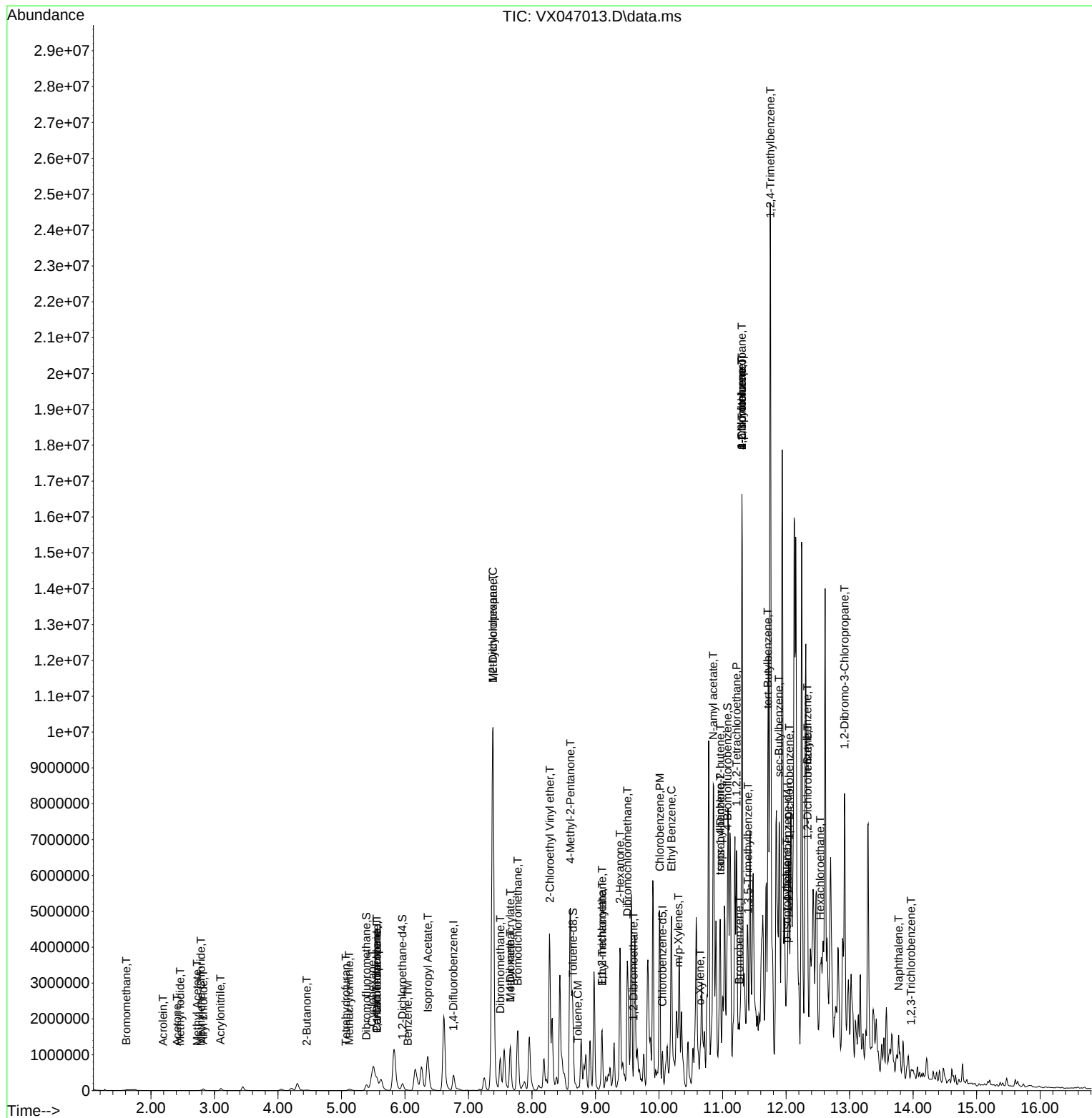
75) 1,1,2,2-Tetrachloroethane	11.219	83	399384	114.308	ug/l #	25
76) 1,2,3-Trichloropropane	11.305	75	63592	22.769	ug/l #	1
77) Bromobenzene	11.262	156	3246	1.026	ug/l #	1
78) n-propylbenzene	11.305	91	9255670	604.100	ug/l	97
79) 2-Chlorotoluene	11.305	91	9255670	1023.090	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.402	105	512144	49.605	ug/l	71
81) trans-1,4-Dichloro-2-b...	10.963	75	22985	22.085	ug/l #	6
82) 4-Chlorotoluene	11.305	91	9255670	886.565	ug/l #	45
83) tert-Butylbenzene	11.713	119	84387	7.914	ug/l	84
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
88) 1,4-Dichlorobenzene	12.049	146	1505	0.244	ug/l #	1
89) n-Butylbenzene	12.335	91	1952316	184.546	ug/l #	86
90) Hexachloroethane	12.536	117	89150	44.666	ug/l #	14
91) 1,2-Dichlorobenzene	12.341	146	3351	0.584	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	12.920	75	25201	41.239	ug/l #	4
95) Naphthalene	13.774	128	661683	64.438	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	1120	0.304	ug/l #	1

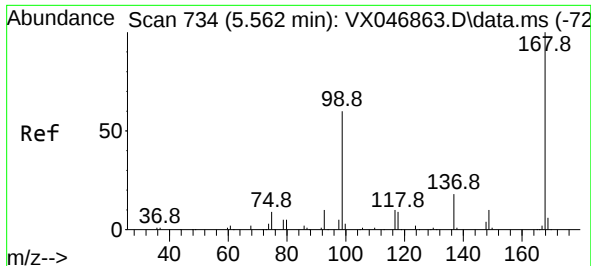
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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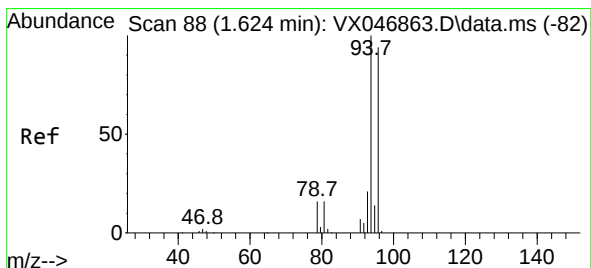
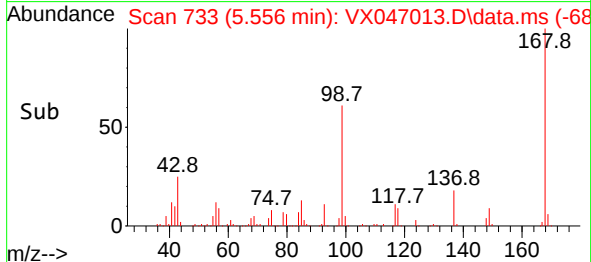
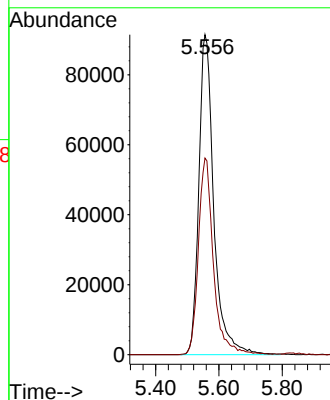
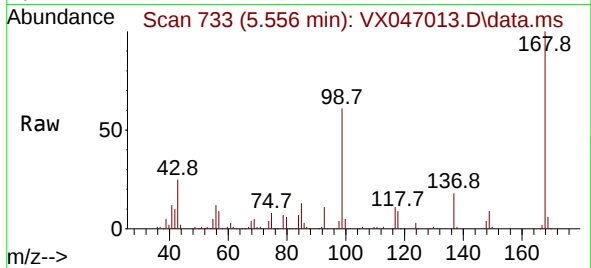




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

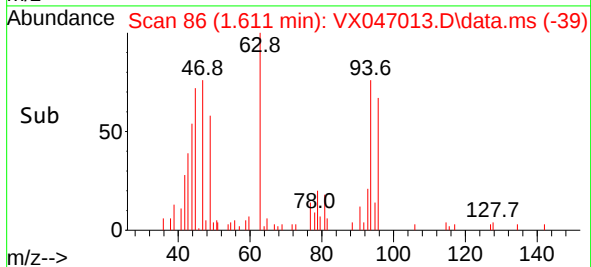
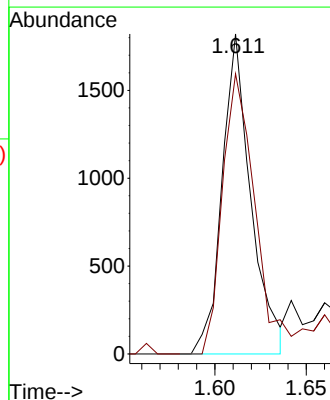
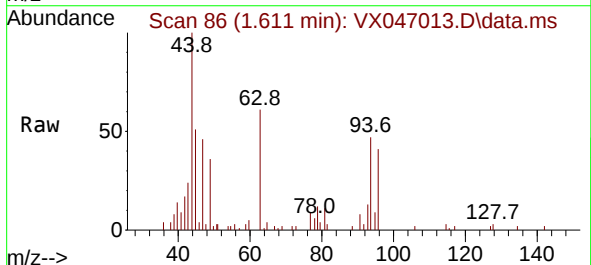
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

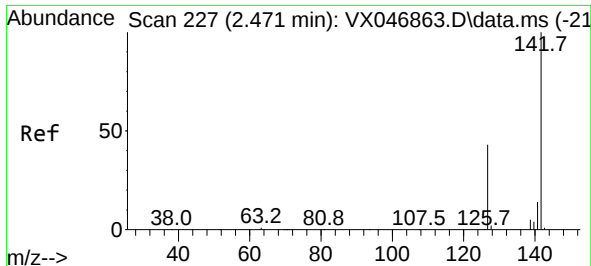
Tgt Ion:168 Resp: 300812
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2



#5
Bromomethane
Concen: 0.909 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

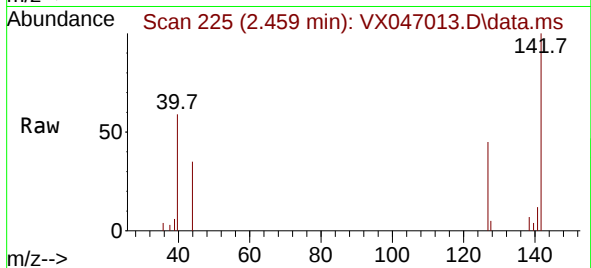
Tgt Ion: 94 Resp: 1999
Ion Ratio Lower Upper
94 100
96 87.5 75.5 113.3



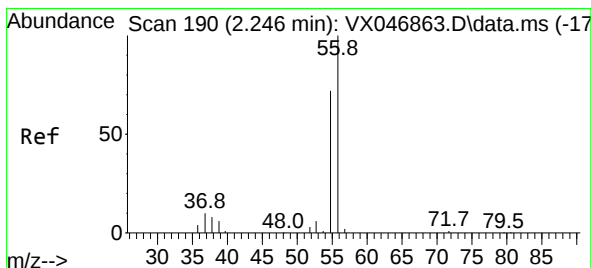
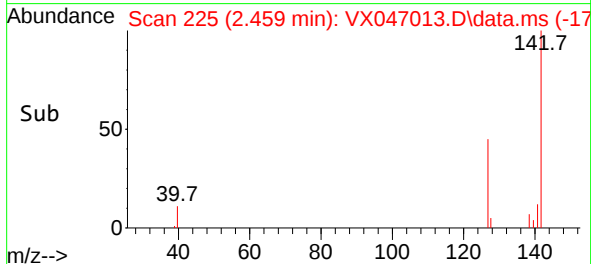
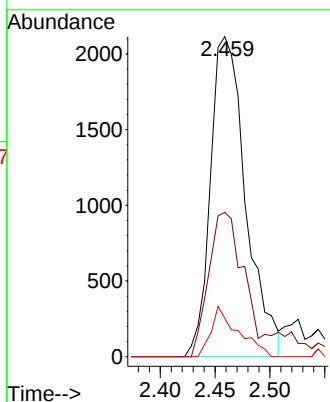


#10
Methyl Iodide
Concen: 1.287 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

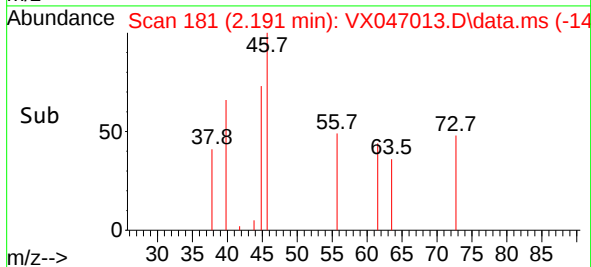
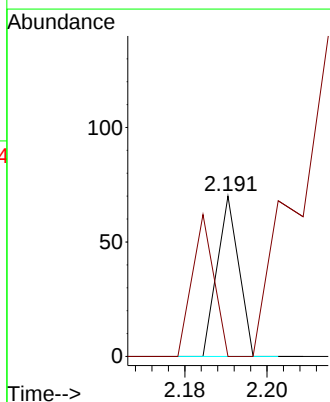
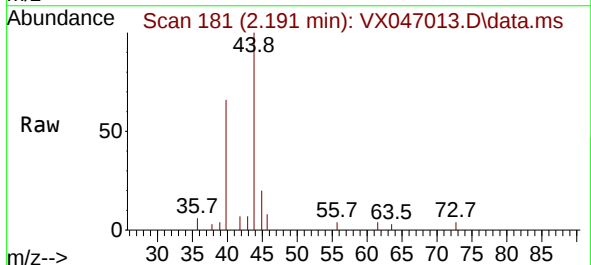


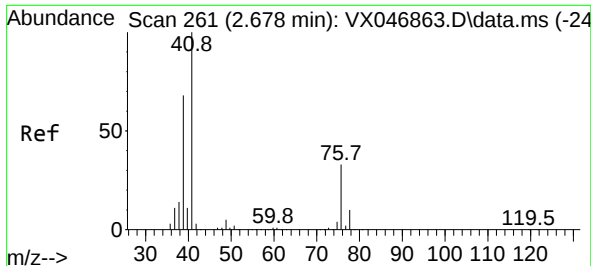
Tgt Ion:142 Resp: 4729
Ion Ratio Lower Upper
142 100
127 46.0 34.9 52.3
141 12.0 11.1 16.7



#13
Acrolein
Concen: 2.924 ug/l
RT: 2.191 min Scan# 181
Delta R.T. -0.055 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 88.5 55.5 83.3#

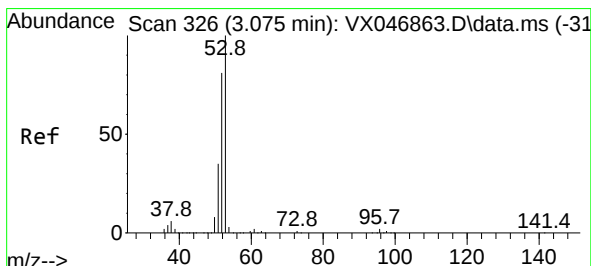
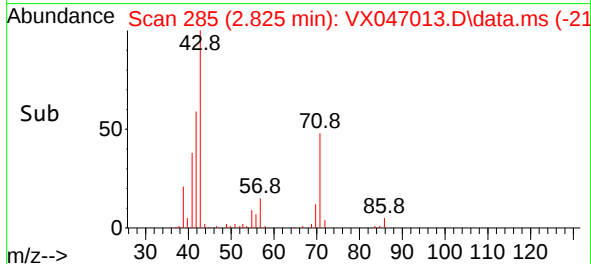
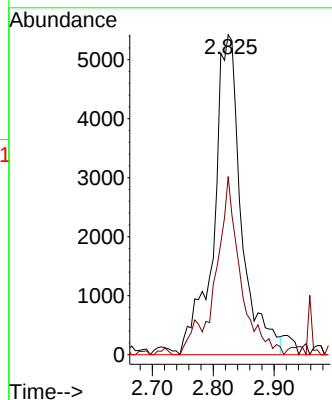
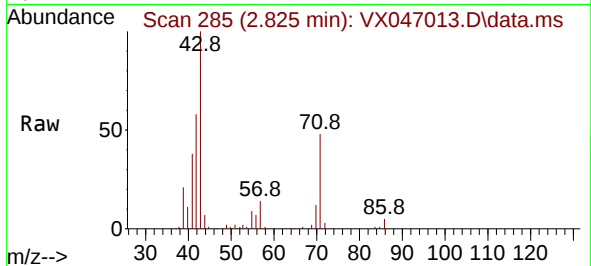




#14
 Allyl chloride
 Concen: 2.934 ug/l
 RT: 2.825 min Scan# 21
 Delta R.T. 0.146 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

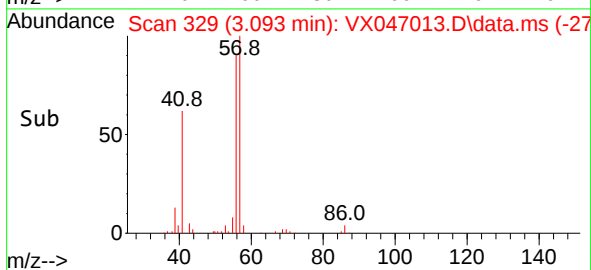
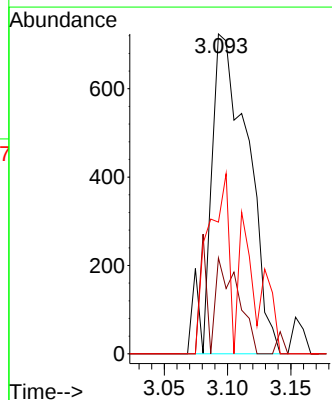
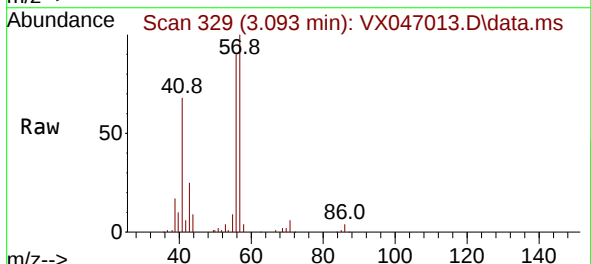
Instrument :
 MSVOA_X
 ClientSampleId :
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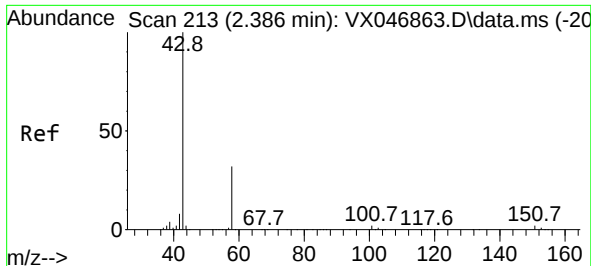
Tgt Ion: 41 Resp: 17038
 Ion Ratio Lower Upper
 41 100
 39 45.4 52.0 78.0#
 76 0.0 26.2 39.2#



#15
 Acrylonitrile
 Concen: 0.986 ug/l
 RT: 3.093 min Scan# 329
 Delta R.T. 0.018 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

Tgt Ion: 53 Resp: 1486
 Ion Ratio Lower Upper
 53 100
 52 18.0 66.0 99.0#
 51 31.0 28.6 43.0

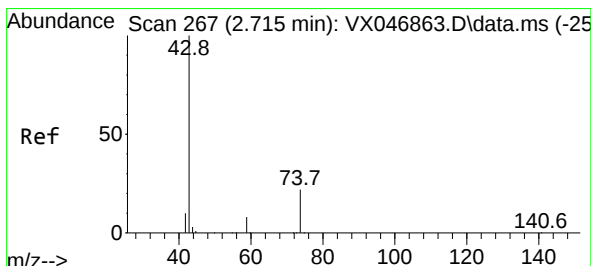
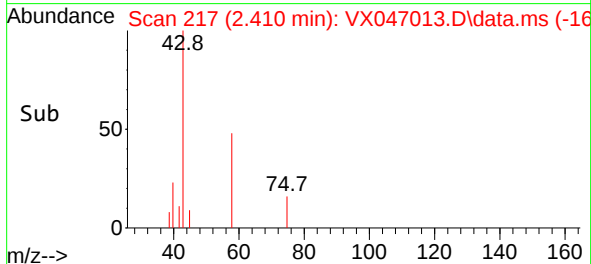
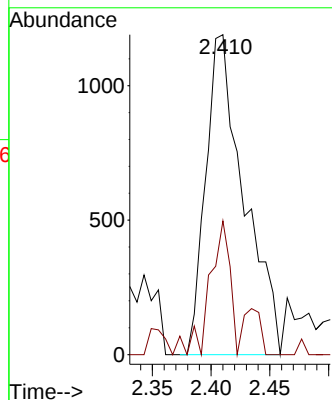
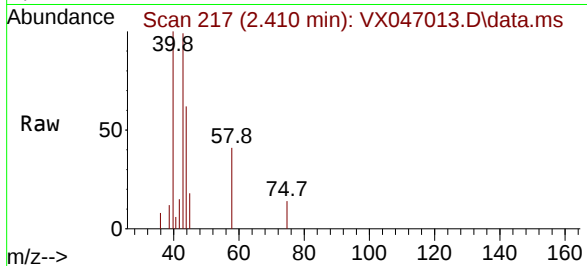




#16
Acetone
Concen: 2.182 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

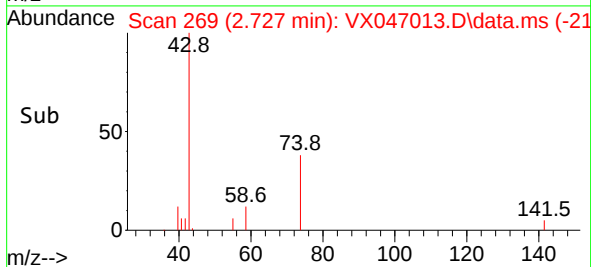
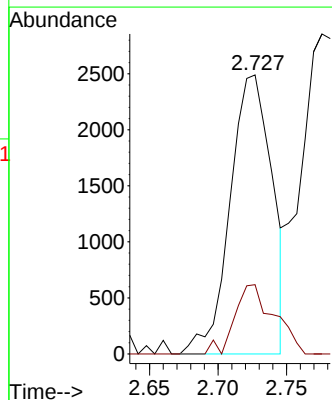
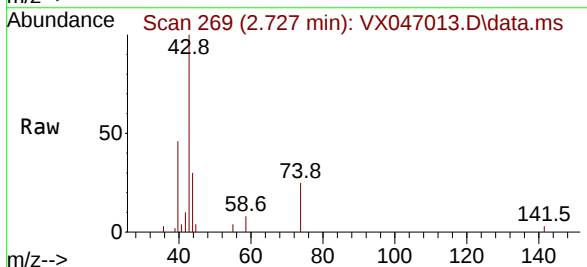
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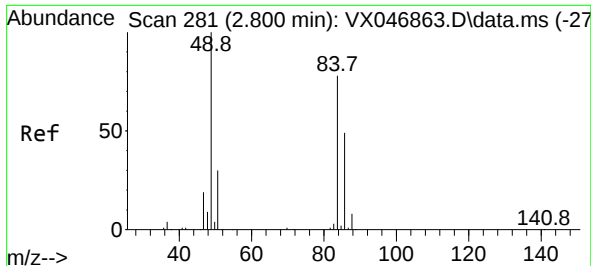
Tgt Ion: 43 Resp: 2693
Ion Ratio Lower Upper
43 100
58 41.8 25.8 38.6#



#18
Methyl Acetate
Concen: 1.632 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 43 Resp: 5311
Ion Ratio Lower Upper
43 100
74 23.3 18.3 27.5

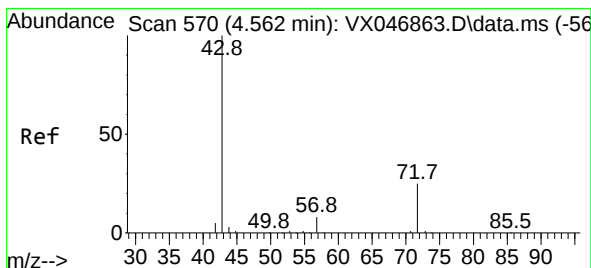
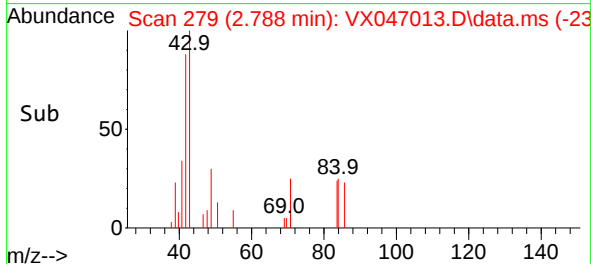
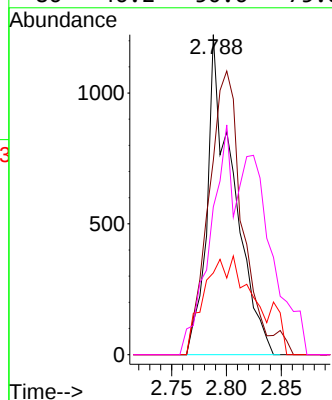
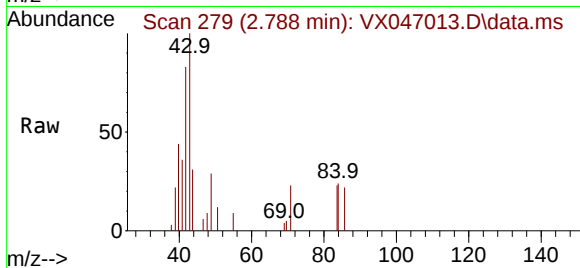




#20
Methylene Chloride
Concen: 0.556 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

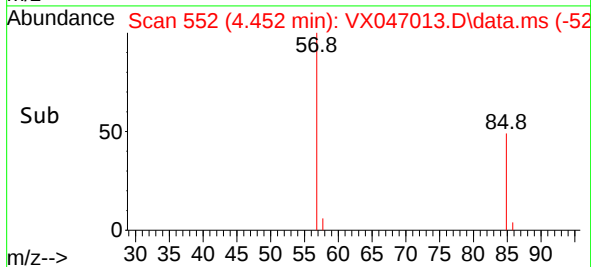
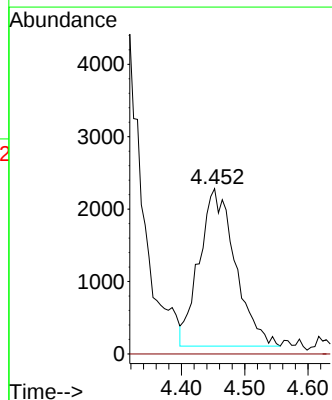
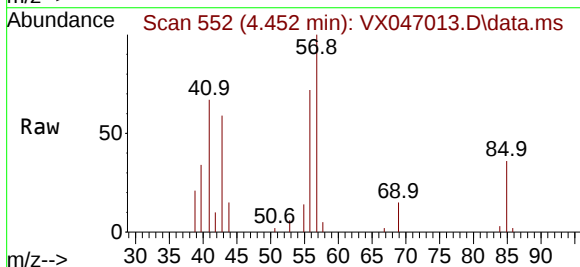
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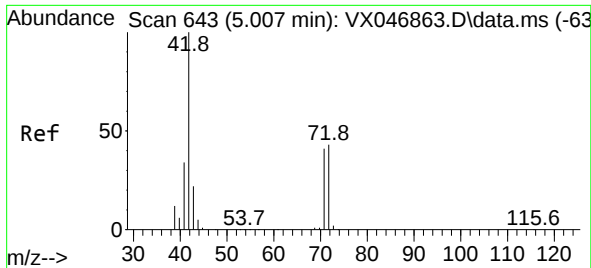
Tgt Ion:	84	Resp:	2028
Ion	Ratio	Lower	Upper
84	100		
49	60.7	102.8	154.2#
51	25.5	31.1	46.7#
86	46.2	50.6	75.8#



#25
2-Butanone
Concen: 5.200 ug/l
RT: 4.452 min Scan# 552
Delta R.T. -0.110 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion:	43	Resp:	8564
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.0	30.0#





#29

Tetrahydrofuran

Concen: 0.211 ug/l

RT: 5.068 min Scan# 61

Delta R.T. 0.061 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

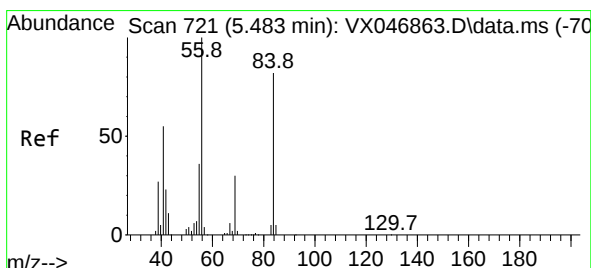
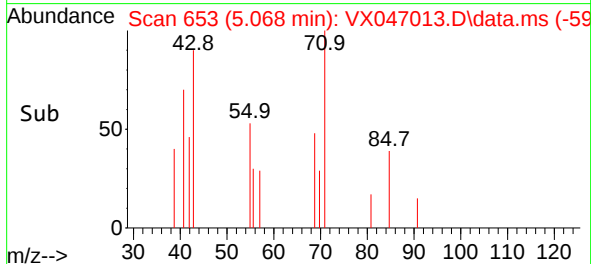
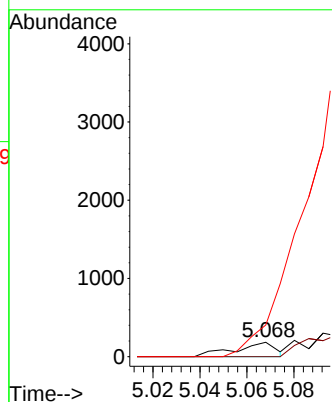
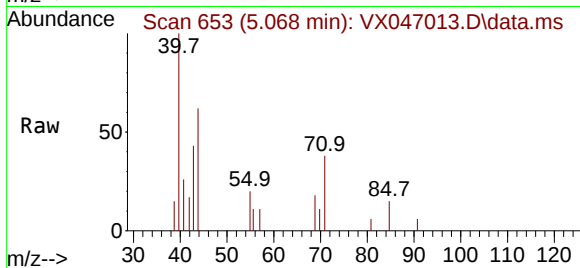
Tgt Ion: 42 Resp: 221

Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

71 0.0 31.9 47.9#



#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

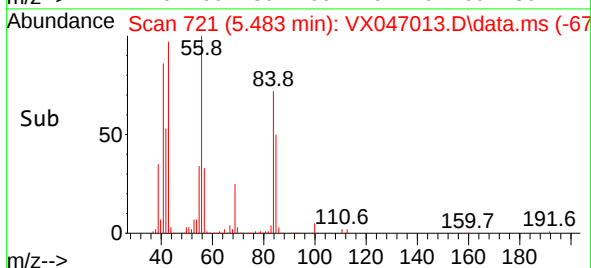
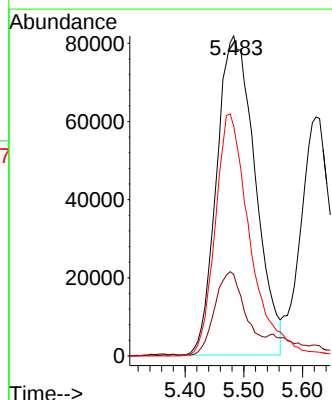
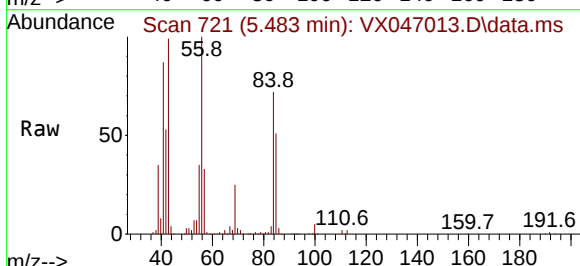
Tgt Ion: 56 Resp: 370911

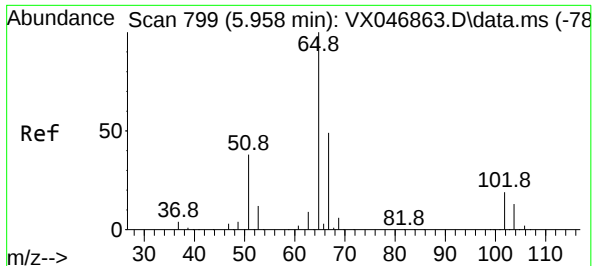
Ion Ratio Lower Upper

56 100

69 25.4 24.0 36.0

84 72.1 66.5 99.7





#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

Instrument :

MSVOA_X

ClientSampleId :

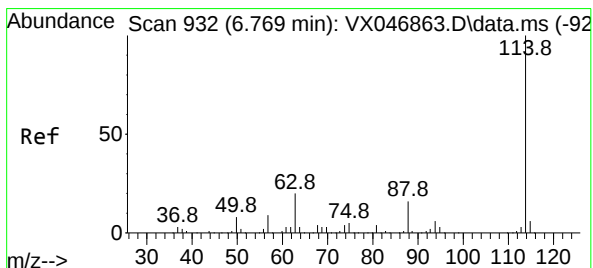
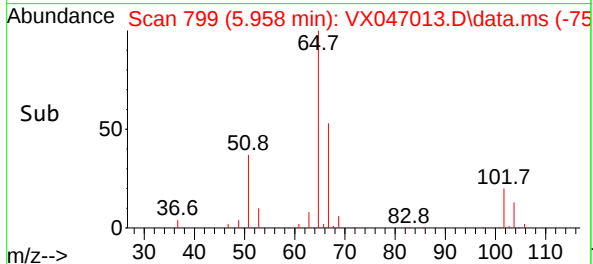
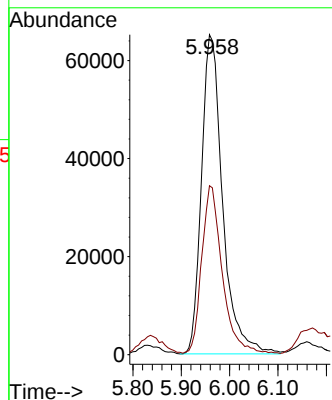
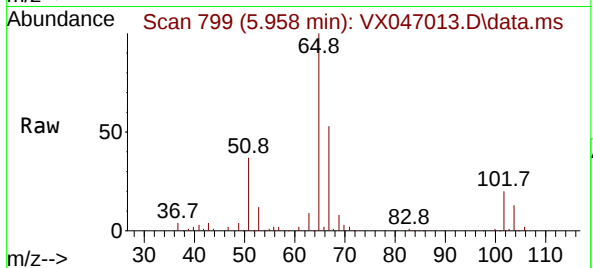
END-OF-TRENCH

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# 931

Delta R.T. -0.006 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

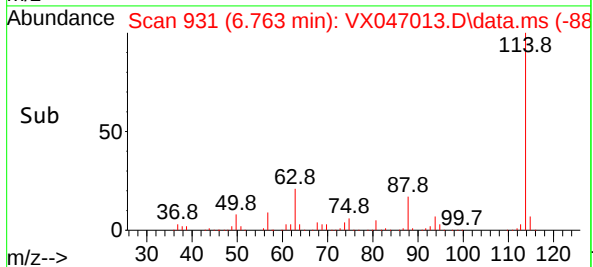
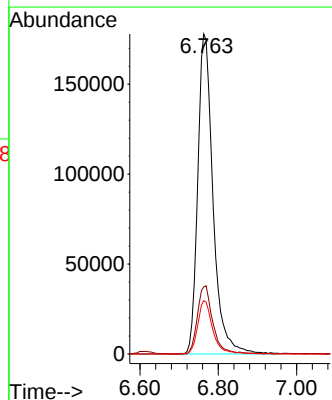
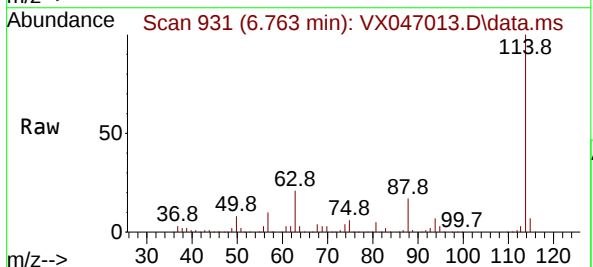
Tgt Ion: 114 Resp: 484192

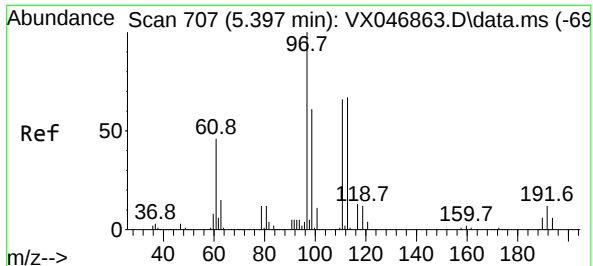
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.4

88 16.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.754 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

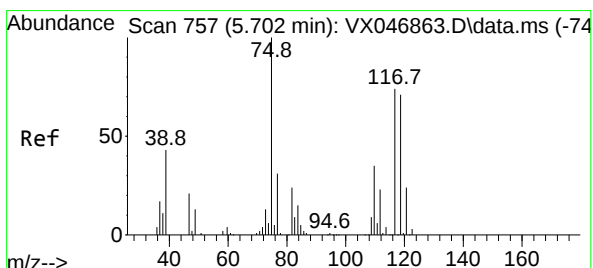
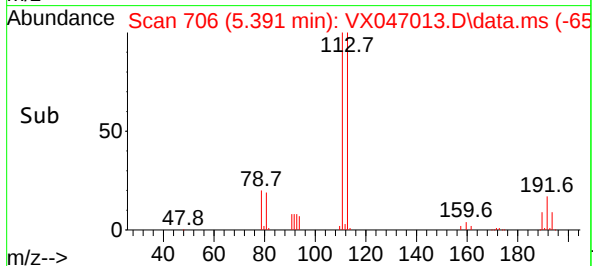
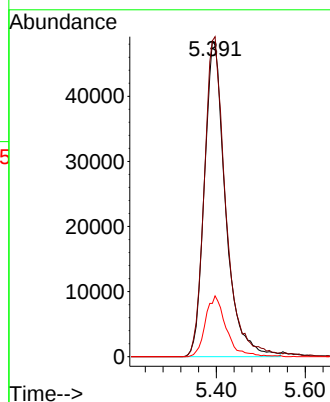
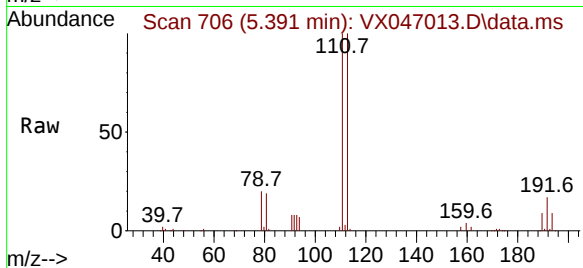
Tgt Ion:113 Resp: 160240

Ion Ratio Lower Upper

113 100

111 103.2 81.2 121.8

192 18.9 15.3 22.9



#36

1,1-Dichloropropene

Concen: 5.306 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.147 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

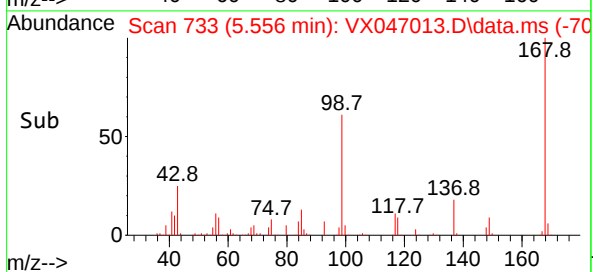
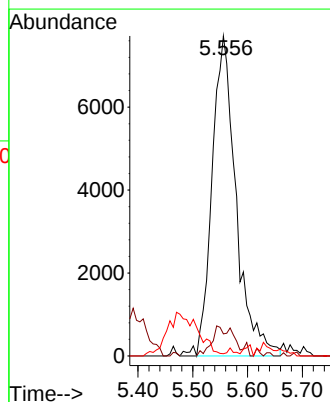
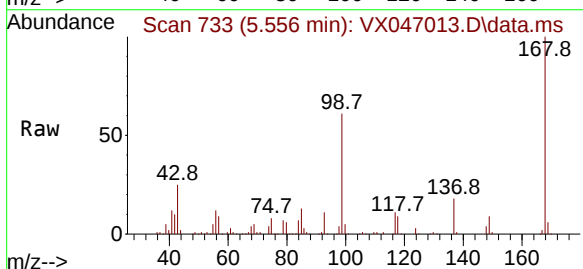
Tgt Ion: 75 Resp: 23530

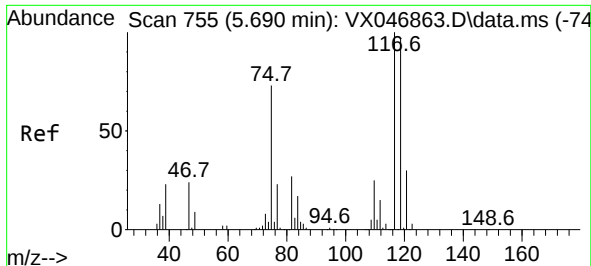
Ion Ratio Lower Upper

75 100

110 8.8 17.3 51.9#

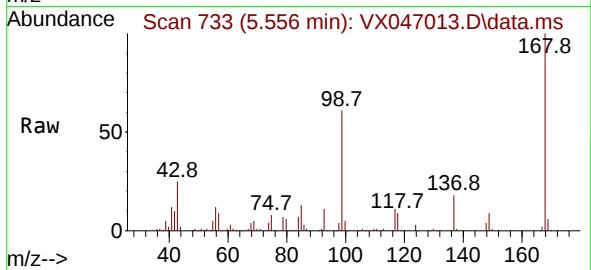
77 0.0 24.2 36.4#



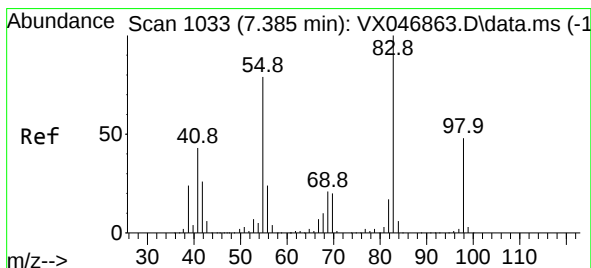
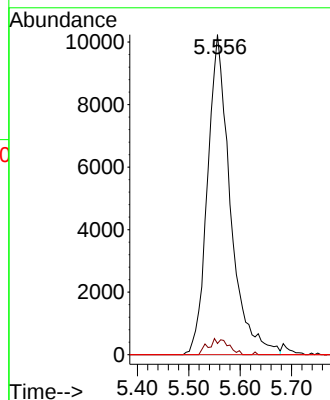
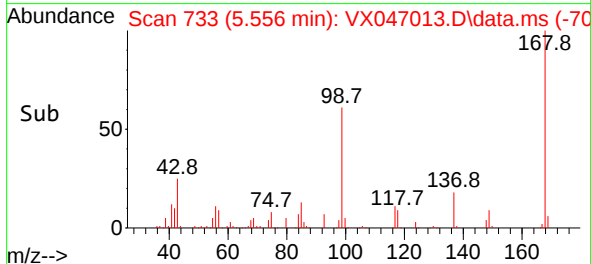


#38
Carbon Tetrachloride
Concen: 6.732 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

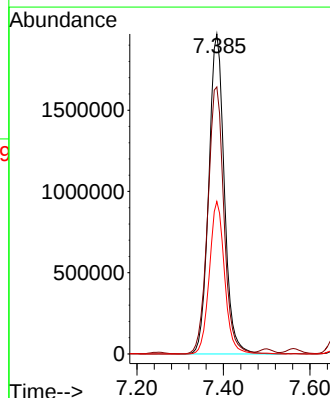
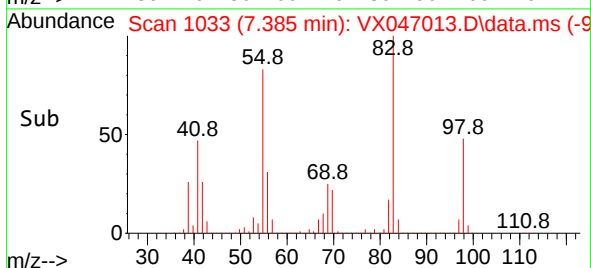
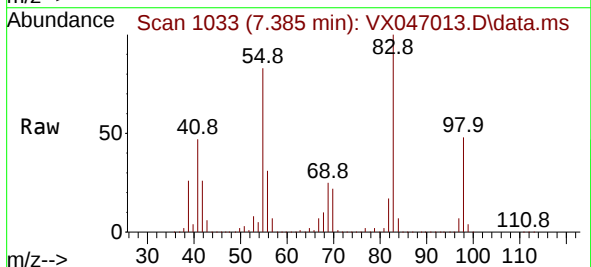


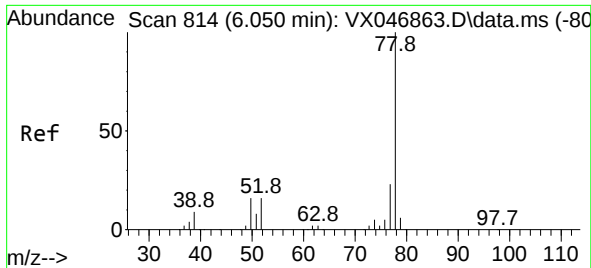
Tgt Ion:117 Resp: 31561
Ion Ratio Lower Upper
117 100
119 3.5 76.6 114.8#
121 0.0 24.1 36.1#



#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

Tgt Ion: 83 Resp: 4904182
Ion Ratio Lower Upper
83 100
55 83.4 63.0 94.4
98 47.6 38.5 57.7

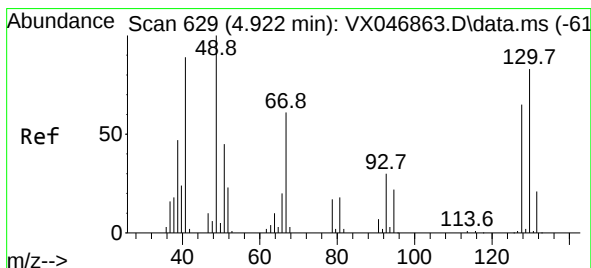
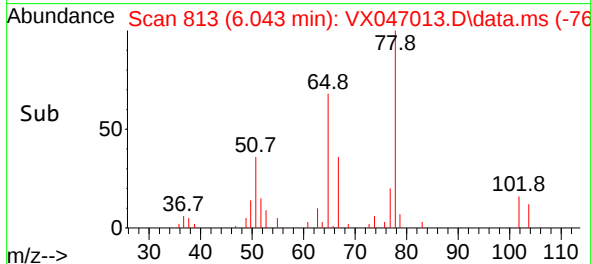
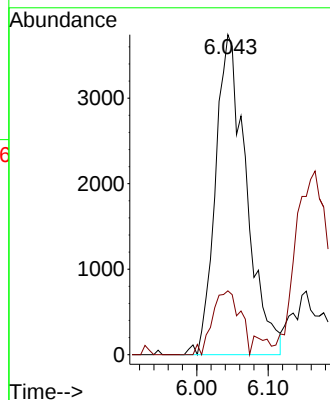
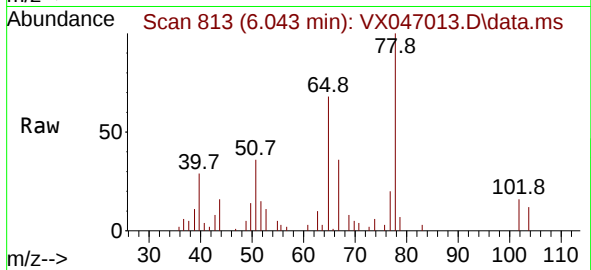




#40
Benzene
Concen: 0.835 ug/l
RT: 6.043 min Scan# 814
Delta R.T. -0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

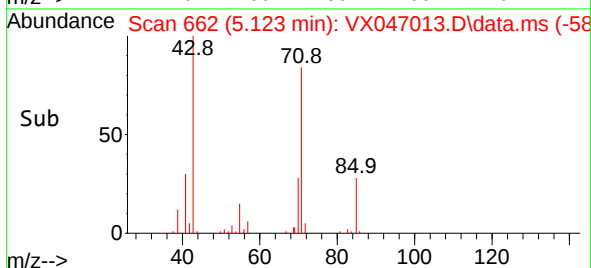
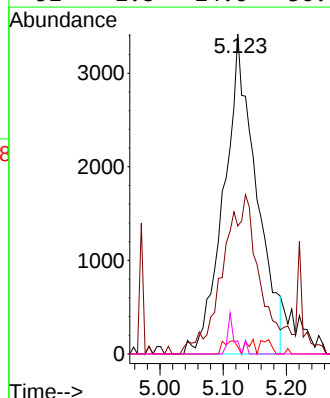
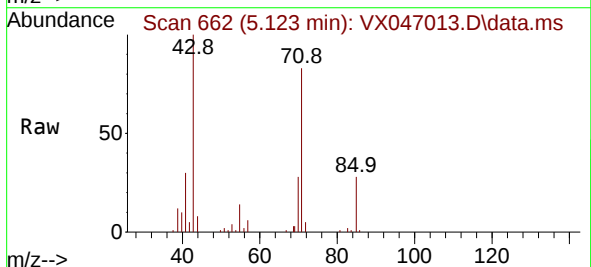
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

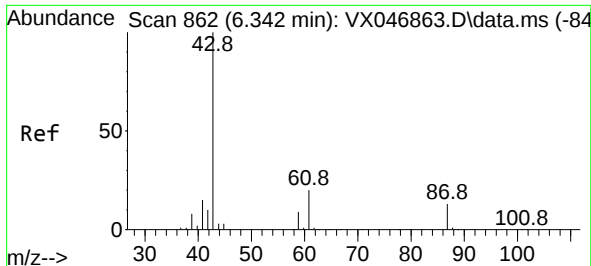
Tgt Ion: 78 Resp: 11197
Ion Ratio Lower Upper
78 100
77 18.7 18.7 28.1#



#41
Methacrylonitrile
Concen: 6.038 ug/l
RT: 5.123 min Scan# 662
Delta R.T. 0.201 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 41 Resp: 12165
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 1.7 60.2 90.2#
52 2.8 24.6 36.8#

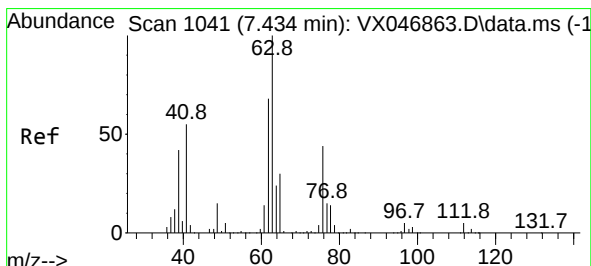
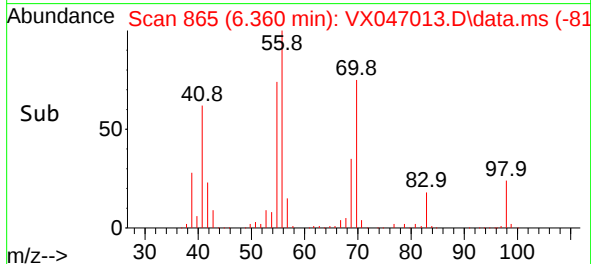
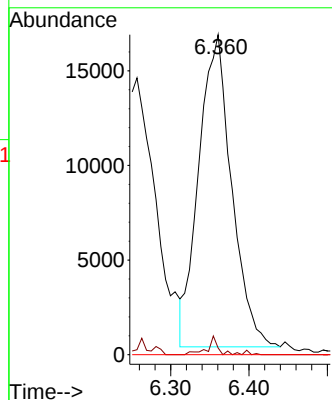
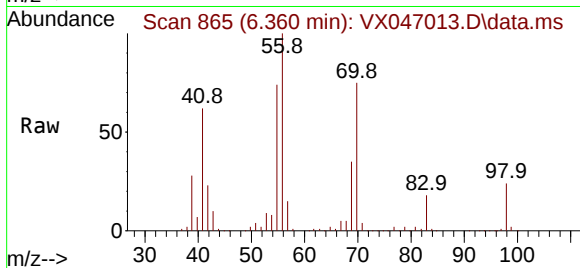




#43
Isopropyl Acetate
Concen: 8.305 ug/l
RT: 6.360 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

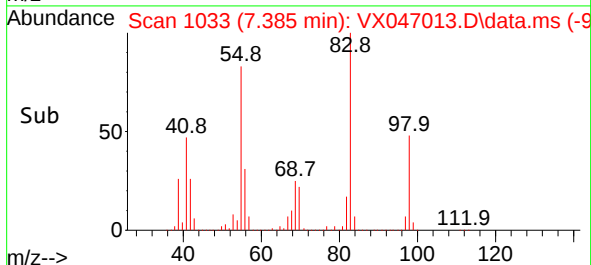
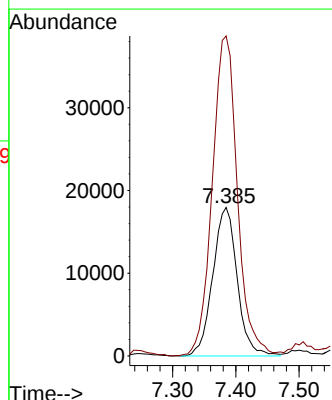
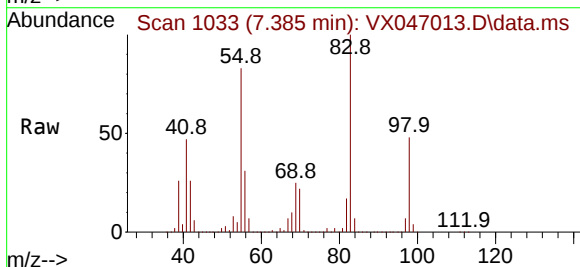
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

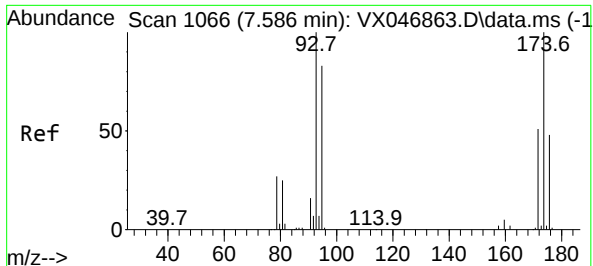
Tgt Ion: 43 Resp: 48046
Ion Ratio Lower Upper
43 100
61 1.9 15.7 23.5#
87 0.0 10.1 15.1#



#45
1,2-Dichloropropane
Concen: 14.185 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.049 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 63 Resp: 48068
Ion Ratio Lower Upper
63 100
65 215.2 24.2 36.2#

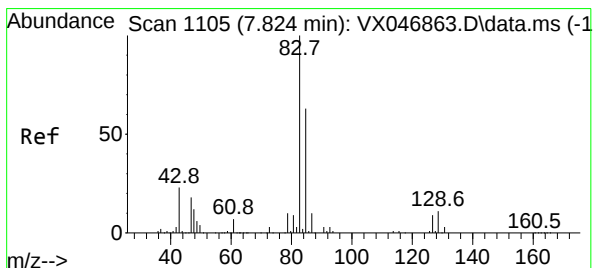
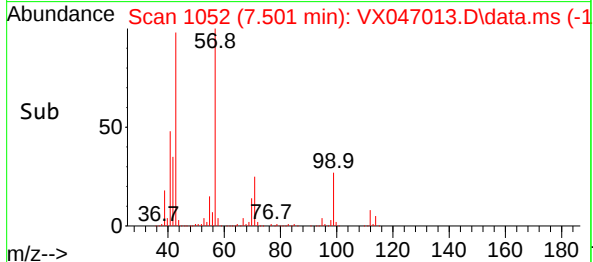
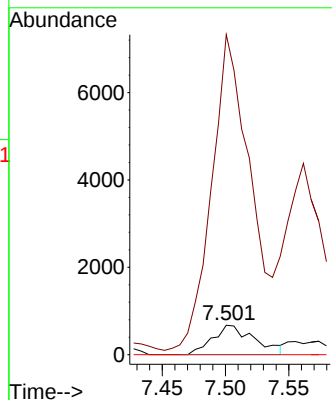
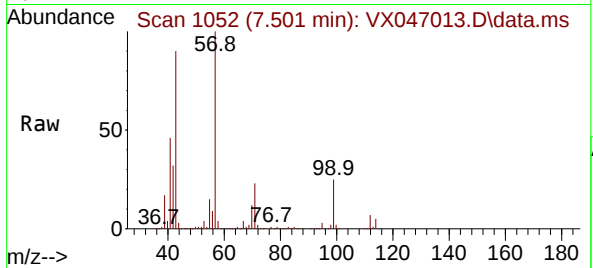




#46
 Dibromomethane
 Concen: 0.662 ug/l
 RT: 7.501 min Scan# 1052
 Delta R.T. -0.086 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

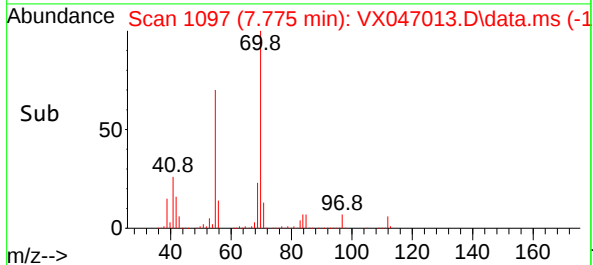
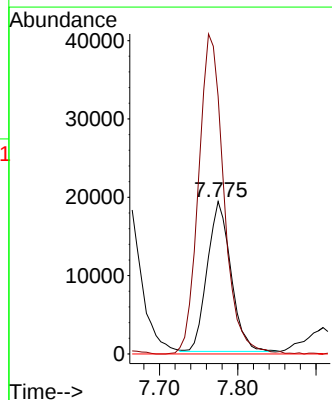
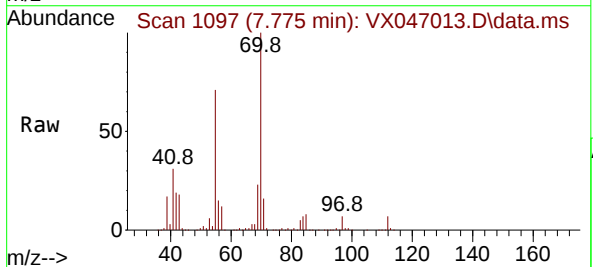
Instrument : MSVOA_X
 ClientSampleId :
 END-OF-TRENCH

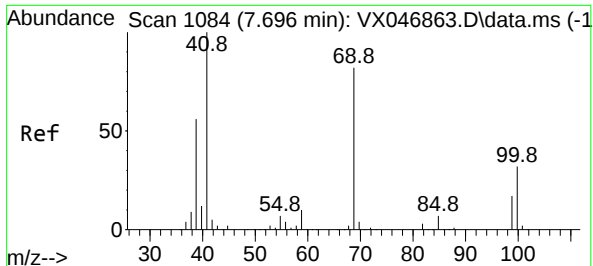
Tgt Ion: 93 Resp: 1554
 Ion Ratio Lower Upper
 93 100
 95 989.8 66.6 99.8#
 174 0.0 77.4 116.2#



#47
 Bromodichloromethane
 Concen: 7.999 ug/l
 RT: 7.775 min Scan# 1097
 Delta R.T. -0.049 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

Tgt Ion: 83 Resp: 40105
 Ion Ratio Lower Upper
 83 100
 85 170.4 50.2 75.4#
 127 0.0 7.1 10.7#





#48

Methyl methacrylate

Concen: 104.555 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.037 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

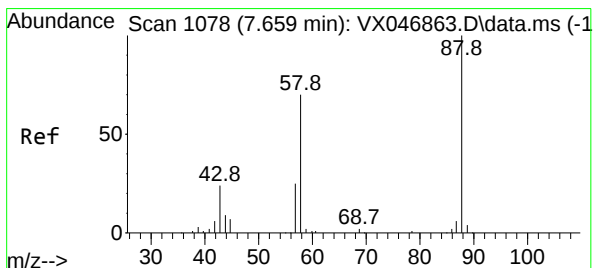
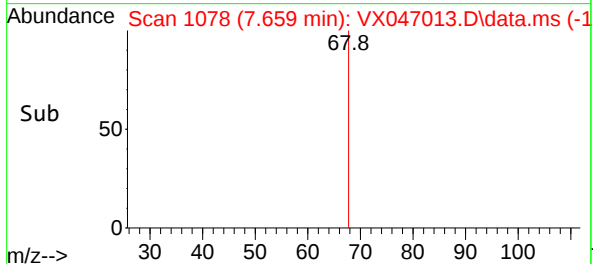
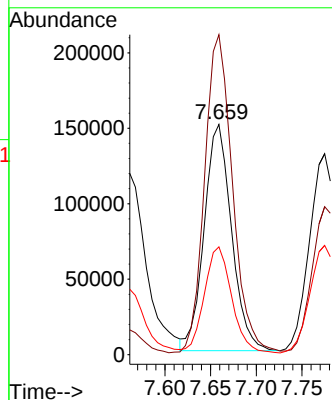
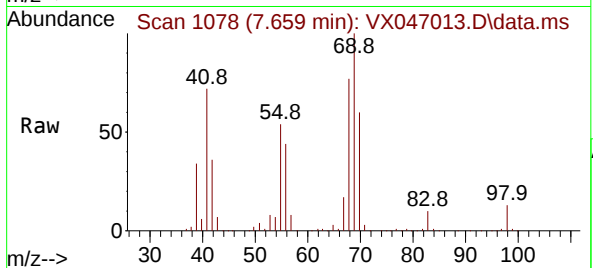
Tgt Ion: 41 Resp: 312319

Ion Ratio Lower Upper

41 100

69 143.2 65.8 98.8#

39 46.9 43.8 65.6



#49

1,4-Dioxane

Concen: 1.387 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

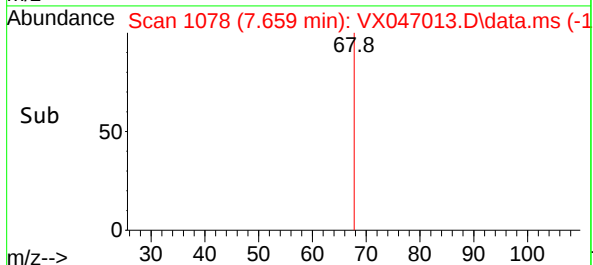
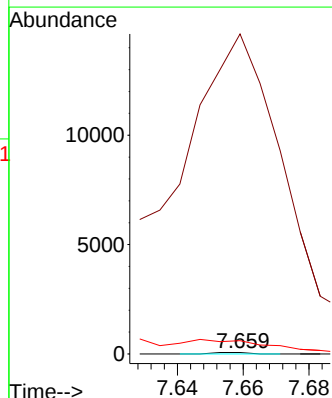
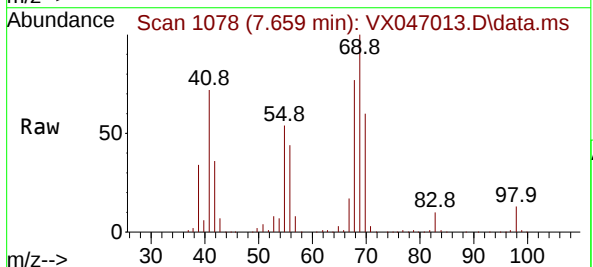
Tgt Ion: 88 Resp: 48

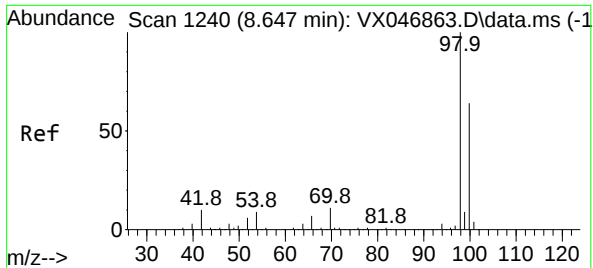
Ion Ratio Lower Upper

88 100

43 61254.2 31.7 47.5#

58 2527.1 57.5 86.3#

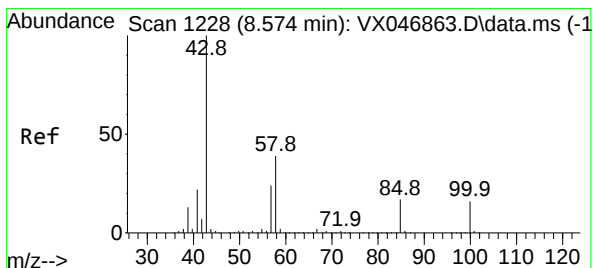
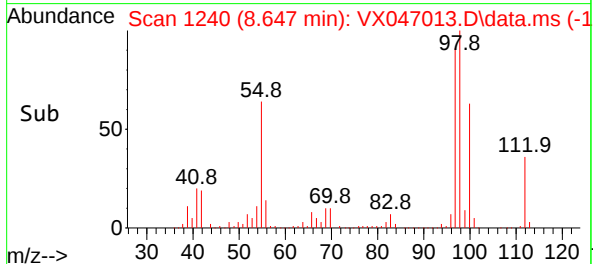
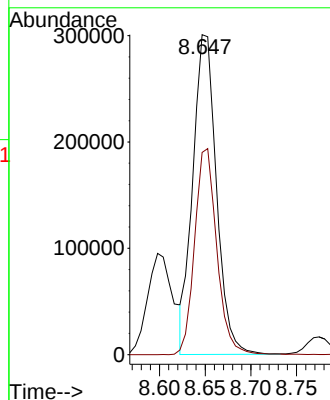
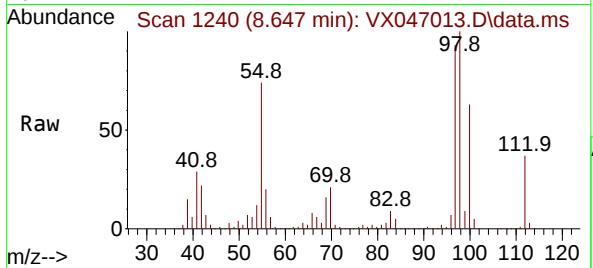




#50
Toluene-d8
Concen: 46.740 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

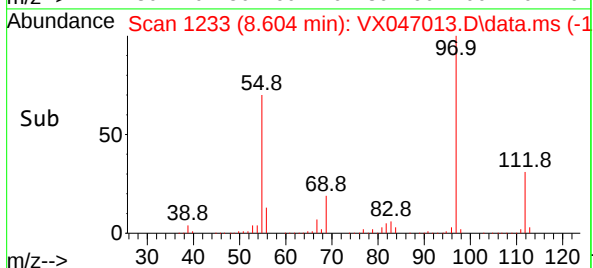
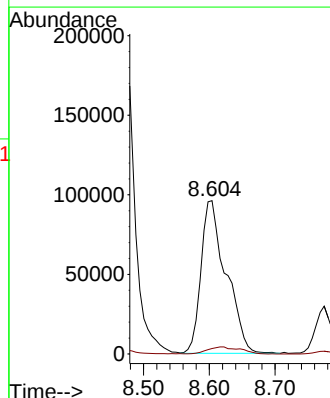
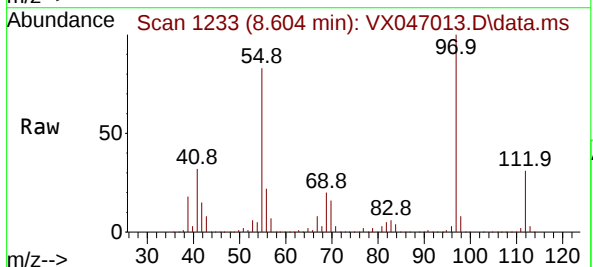
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

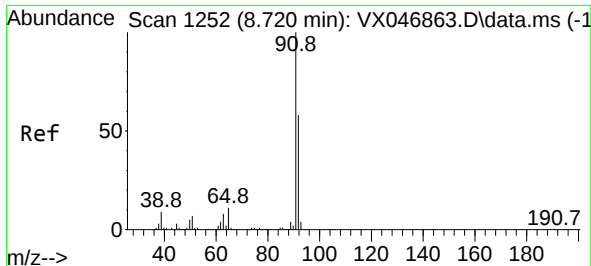
Tgt Ion: 98 Resp: 542010
Ion Ratio Lower Upper
98 100
100 60.6 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 74.833 ug/l
RT: 8.604 min Scan# 1233
Delta R.T. 0.030 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 43 Resp: 255497
Ion Ratio Lower Upper
43 100
58 6.0 30.4 45.6#

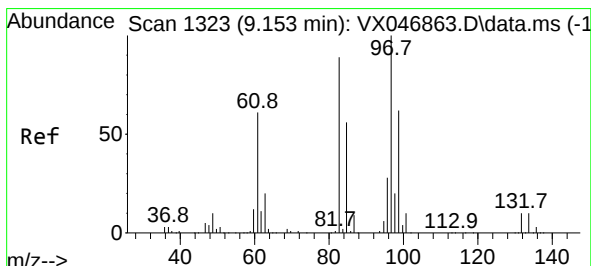
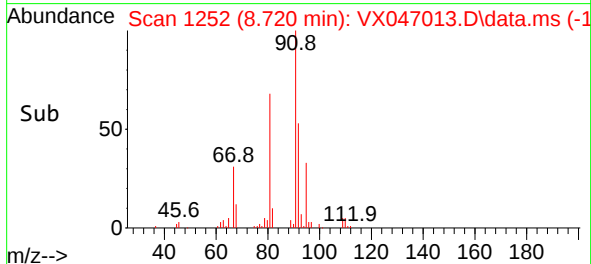
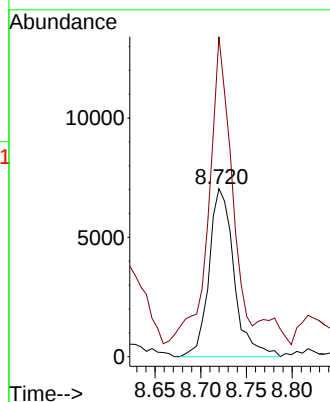
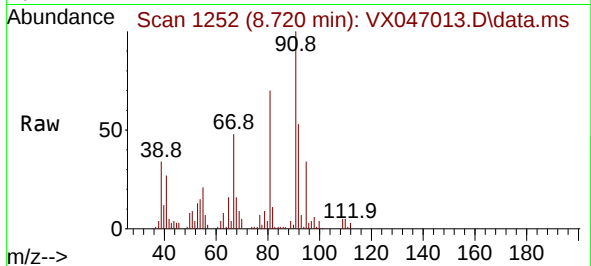




#52
Toluene
Concen: 1.611 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

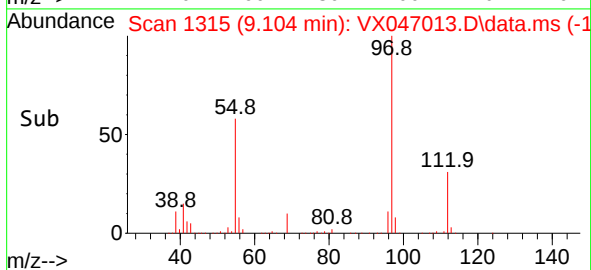
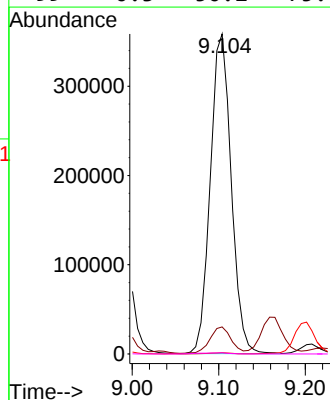
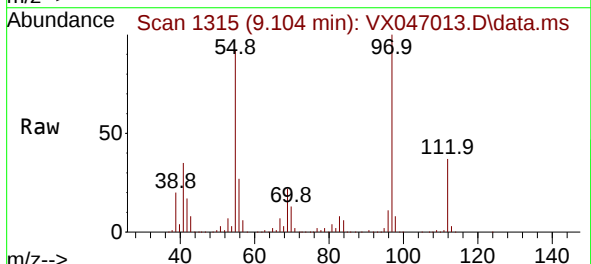
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

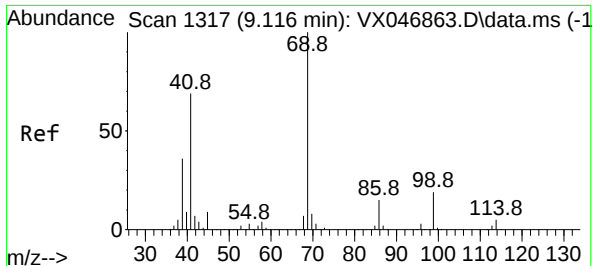
Tgt Ion: 92 Resp: 13386
Ion Ratio Lower Upper
92 100
91 162.8 137.9 206.9



#55
1,1,2-Trichloroethane
Concen: 194.116 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 97 Resp: 600949
Ion Ratio Lower Upper
97 100
83 8.2 70.9 106.3#
85 0.3 44.6 67.0#
99 0.3 50.2 75.4#





#56

Ethyl methacrylate

Concen: 31.416 ug/l

RT: 9.104 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

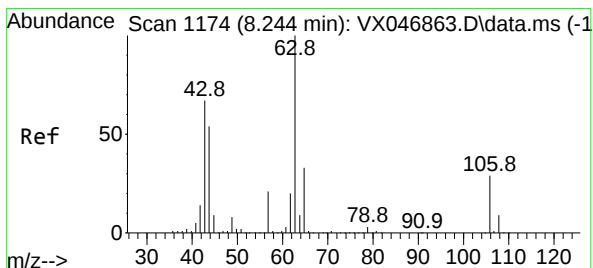
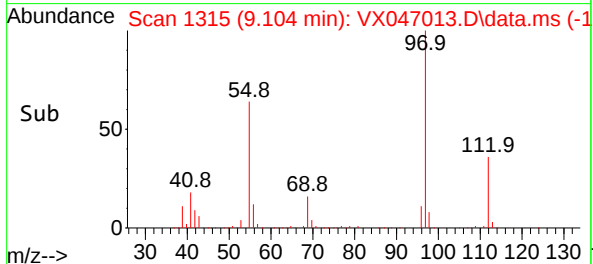
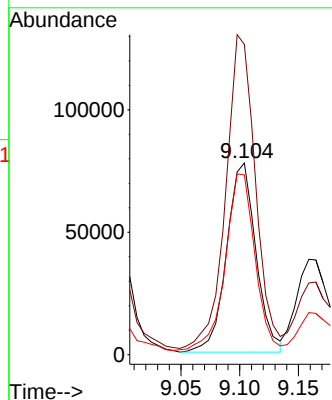
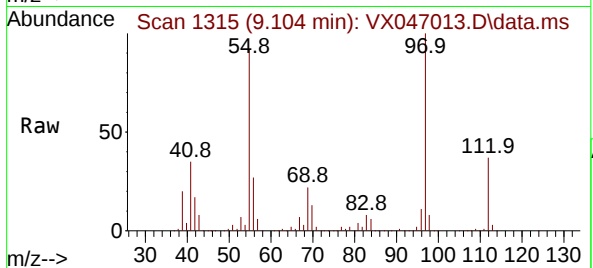
Tgt Ion: 69 Resp: 134614

Ion Ratio Lower Upper

69 100

41 165.6 54.6 82.0#

39 93.7 28.7 43.1#



#58

2-Chloroethyl Vinyl ether

Concen: 1.521 ug/l

RT: 8.281 min Scan# 1180

Delta R.T. 0.036 min

Lab File: VX047013.D

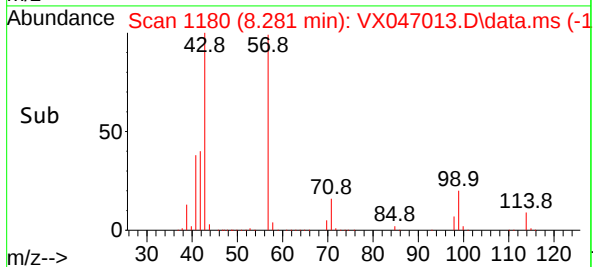
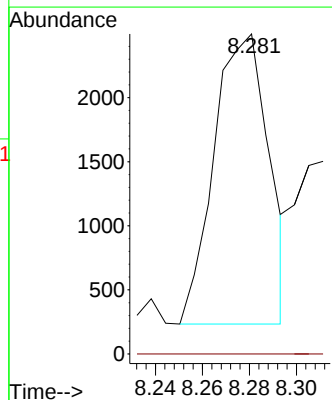
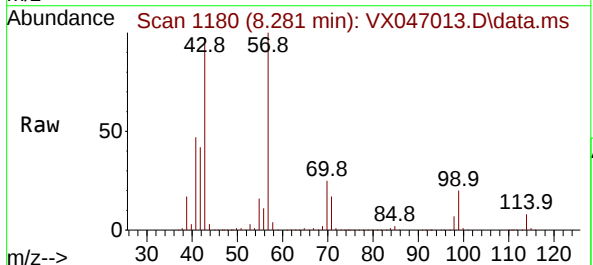
Acq: 15 Jul 2025 19:13

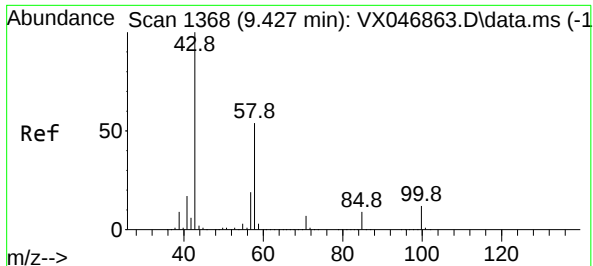
Tgt Ion: 63 Resp: 3673

Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#





#59

2-Hexanone

Concen: 628.488 ug/l

RT: 9.384 min Scan# 11

Delta R.T. -0.043 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

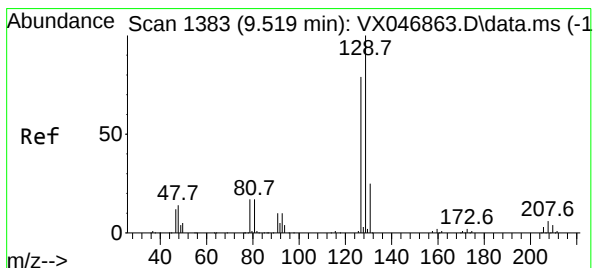
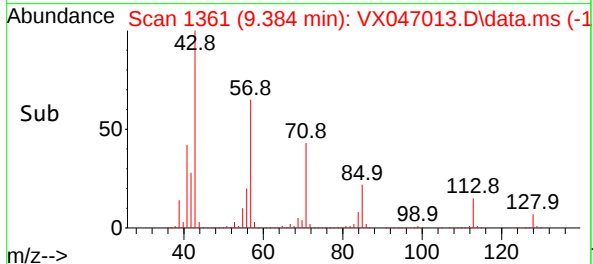
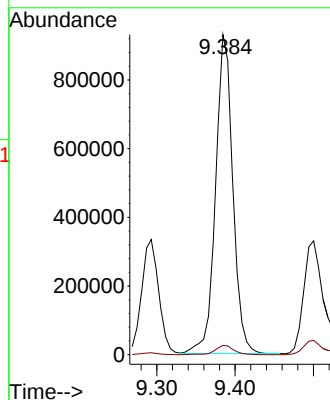
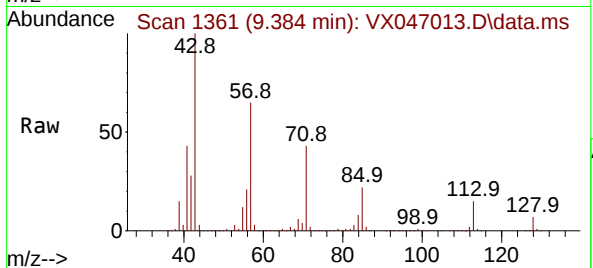
END-OF-TRENCH

Tgt Ion: 43 Resp: 1423299

Ion Ratio Lower Upper

43 100

58 3.1 27.1 81.3#



#60

Dibromochloromethane

Concen: 0.955 ug/l

RT: 9.500 min Scan# 1380

Delta R.T. -0.018 min

Lab File: VX047013.D

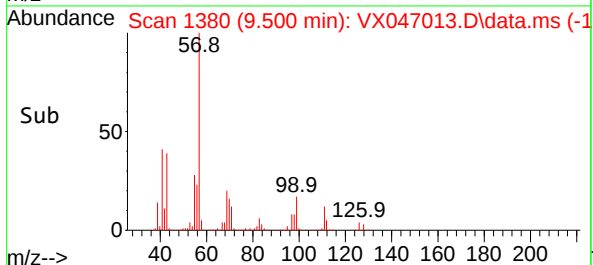
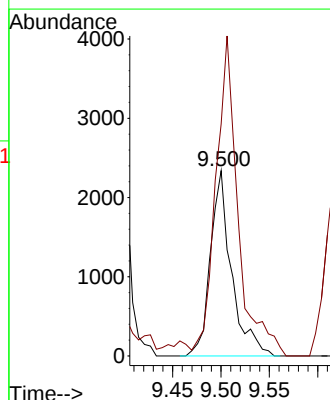
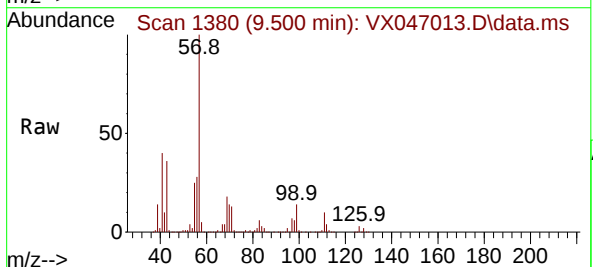
Acq: 15 Jul 2025 19:13

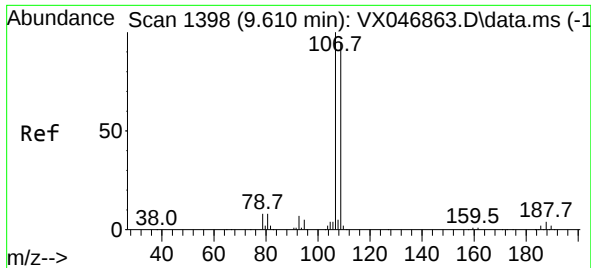
Tgt Ion:129 Resp: 3540

Ion Ratio Lower Upper

129 100

127 182.9 39.1 117.5#

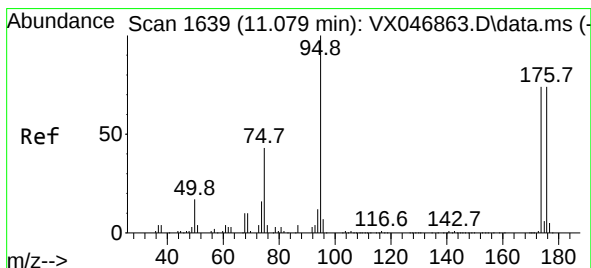
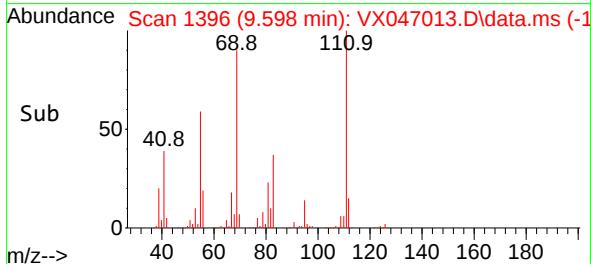
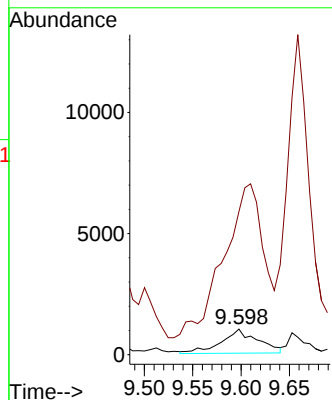
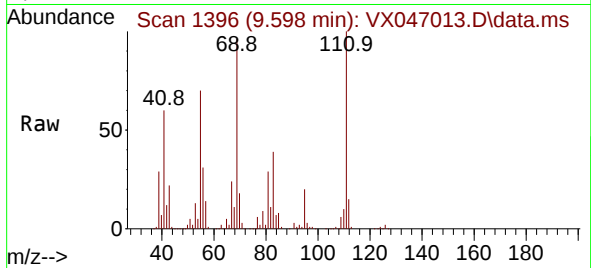




#61
1,2-Dibromoethane
Concen: 0.843 ug/l
RT: 9.598 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

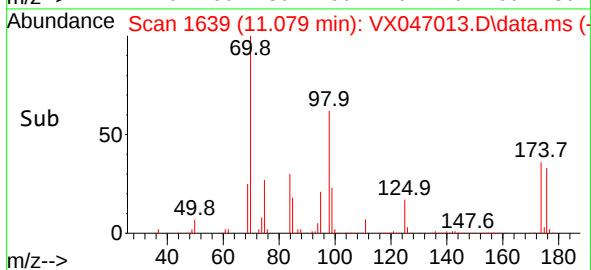
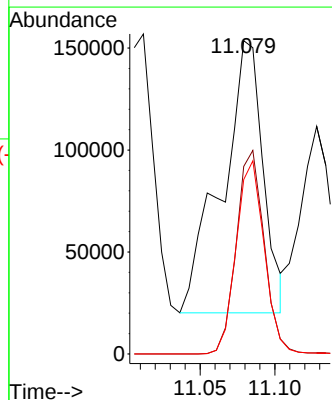
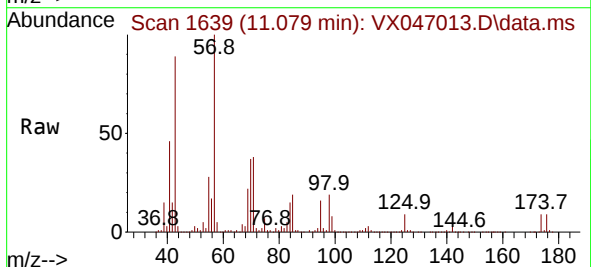
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

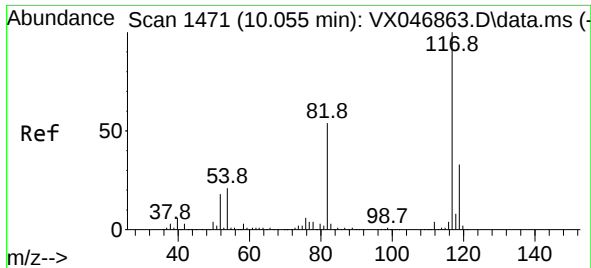
Tgt Ion:107 Resp: 2620
Ion Ratio Lower Upper
107 100
109 698.7 75.4 113.2#



#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

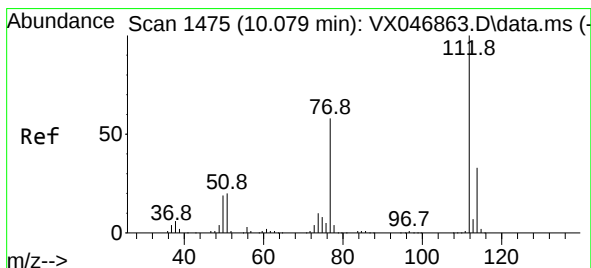
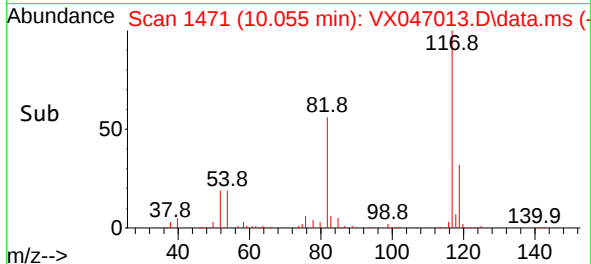
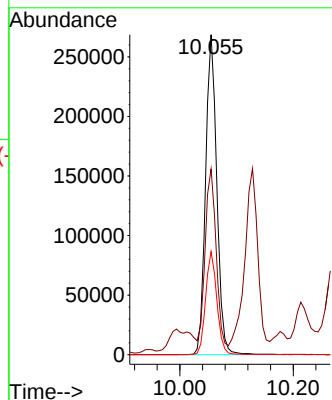
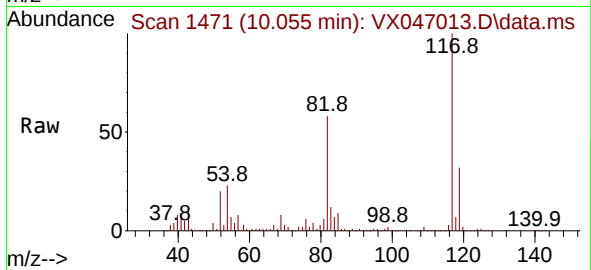




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

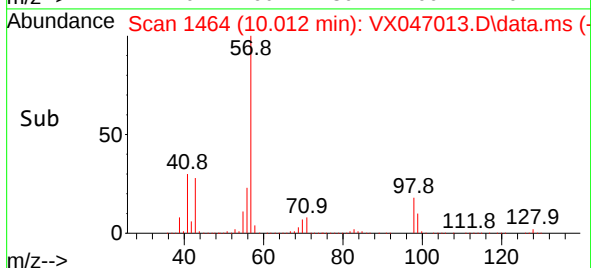
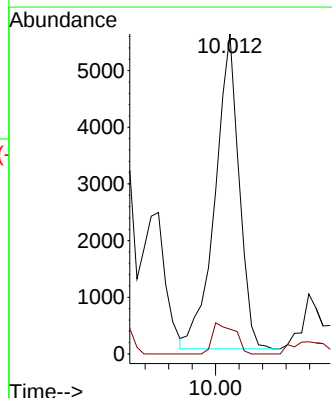
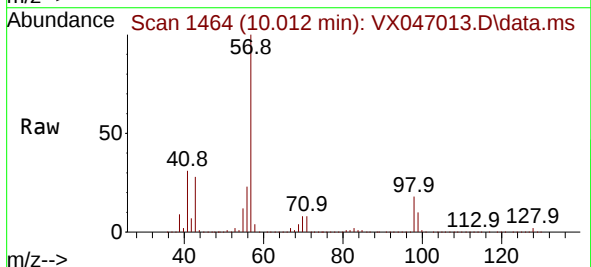
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

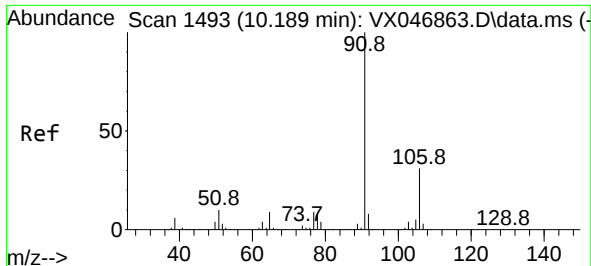
Tgt Ion:117 Resp: 369331
Ion Ratio Lower Upper
117 100
82 51.0 43.3 64.9
119 32.2 26.4 39.6



#65
Chlorobenzene
Concen: 0.986 ug/l
RT: 10.012 min Scan# 1464
Delta R.T. -0.067 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion:112 Resp: 7870
Ion Ratio Lower Upper
112 100
114 7.9 26.3 39.5#





#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

Instrument :

MSVOA_X

ClientSampleId :

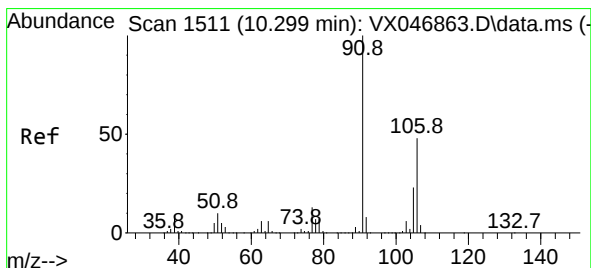
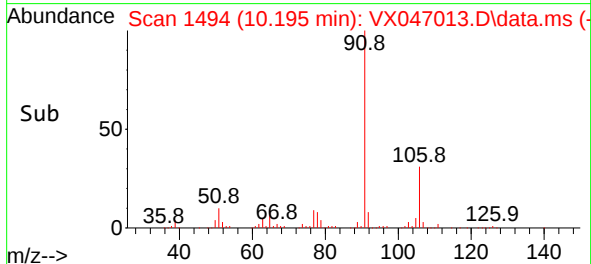
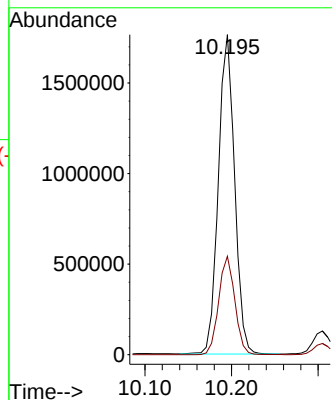
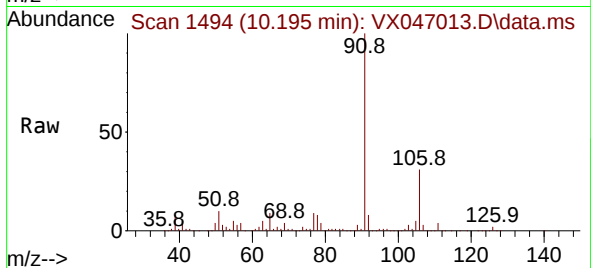
END-OF-TRENCH

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# 1512

Delta R.T. 0.006 min

Lab File: VX047013.D

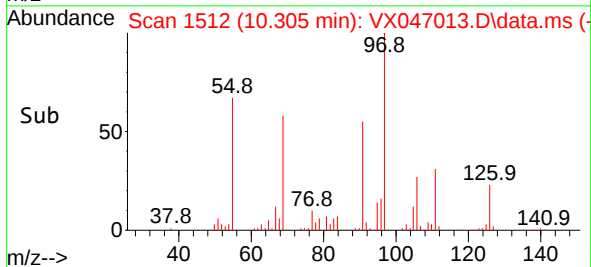
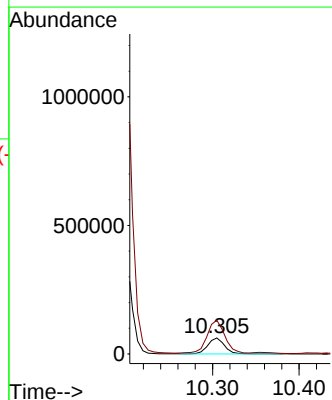
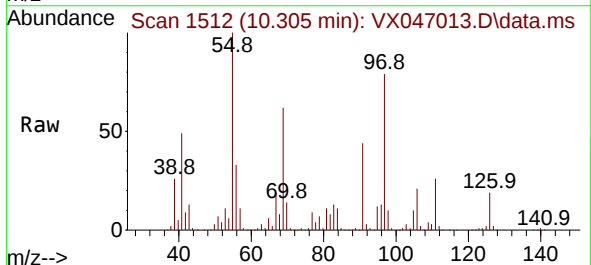
Acq: 15 Jul 2025 19:13

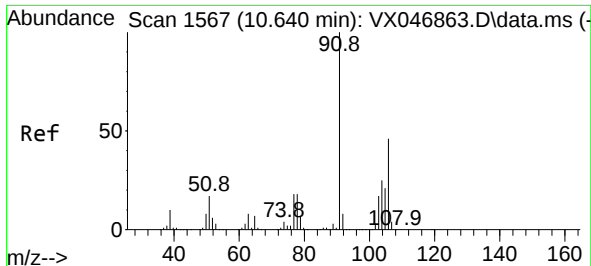
Tgt Ion:106 Resp: 82667

Ion Ratio Lower Upper

106 100

91 216.0 164.6 246.8

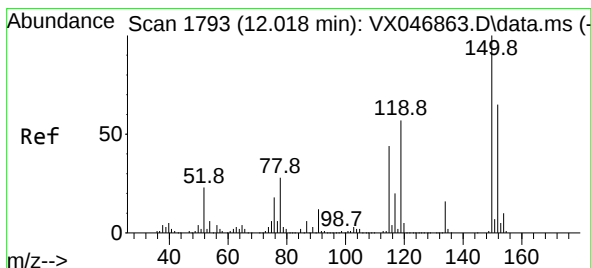
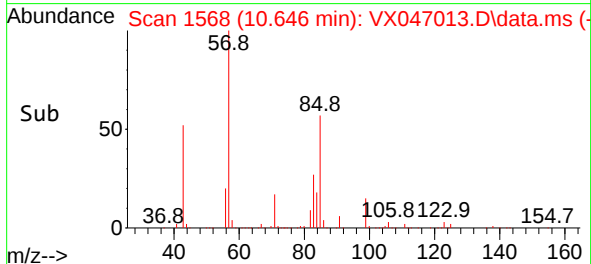
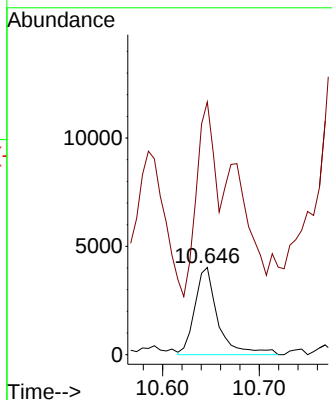
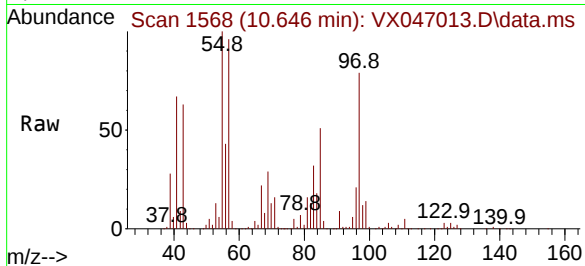




#69
o-Xylene
Concen: 1.346 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

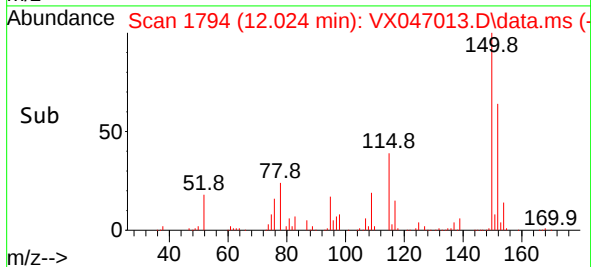
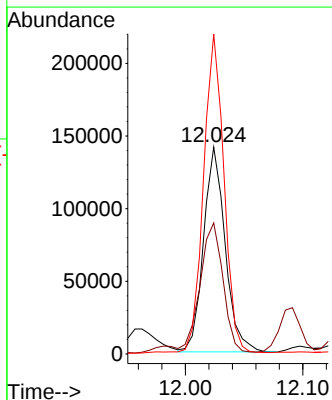
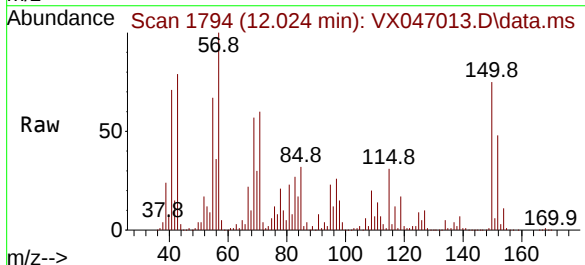
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

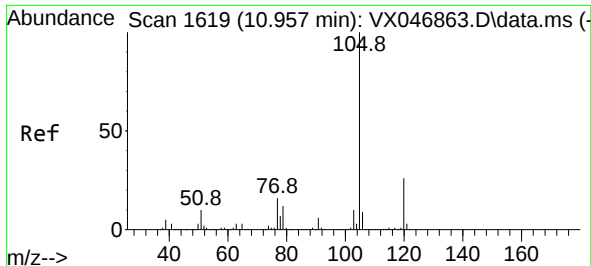
Tgt Ion:106 Resp: 6698
Ion Ratio Lower Upper
106 100
91 183.5 109.5 328.5



#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

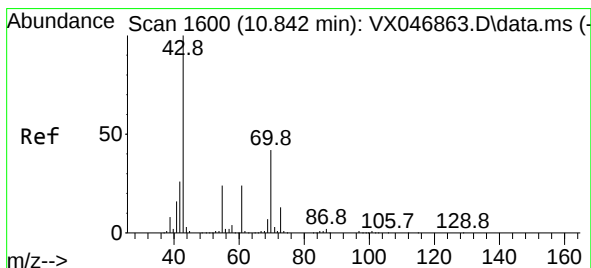
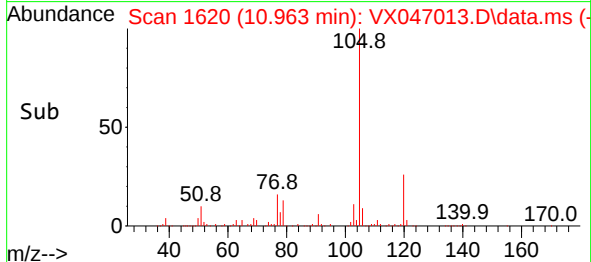
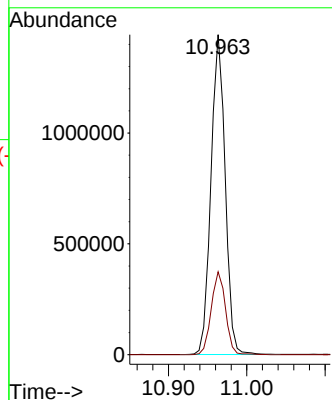
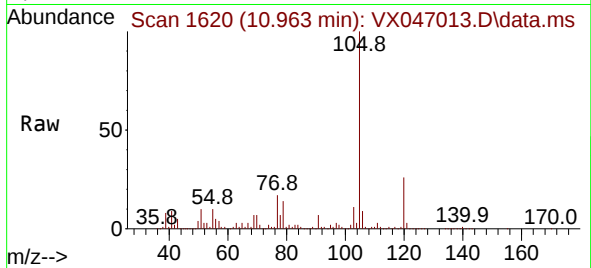




#73
Isopropylbenzene
Concen: 142.749 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

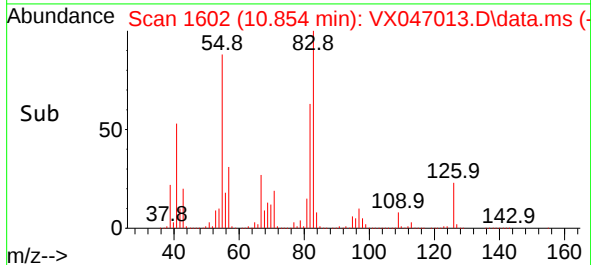
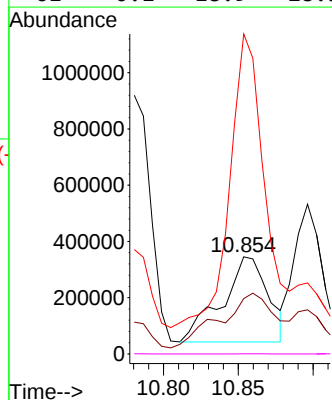
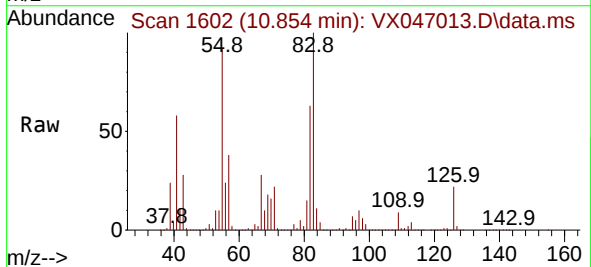
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

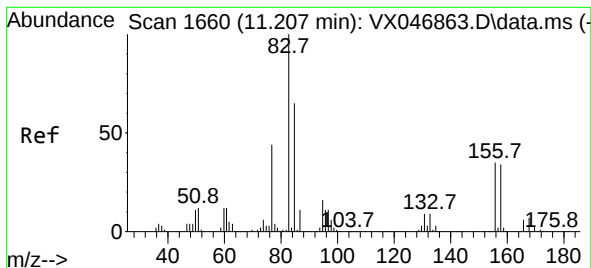
Tgt Ion:105 Resp: 1813824
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 150.817 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 43 Resp: 651196
Ion Ratio Lower Upper
43 100
70 78.2 33.4 50.2#
55 254.6 19.6 29.4#
61 0.1 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 114.308 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.012 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

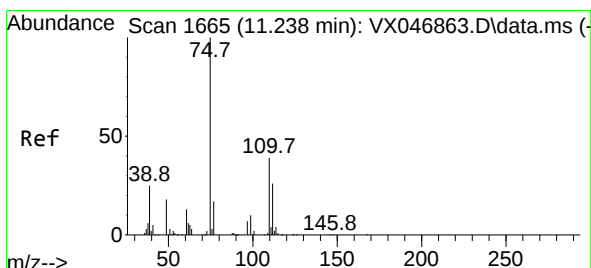
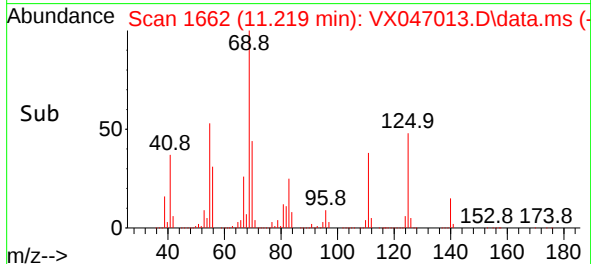
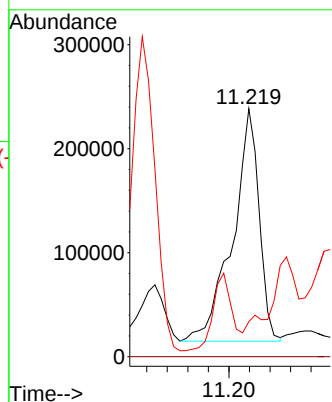
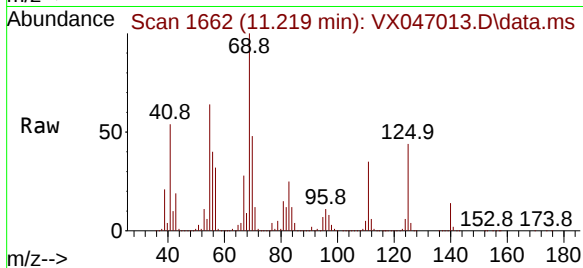
Tgt Ion: 83 Resp: 399384

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 0.0 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 22.769 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX047013.D

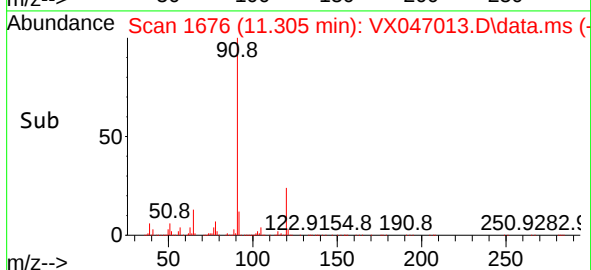
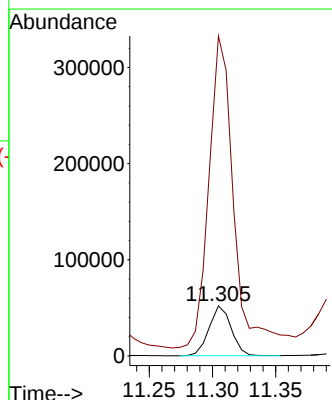
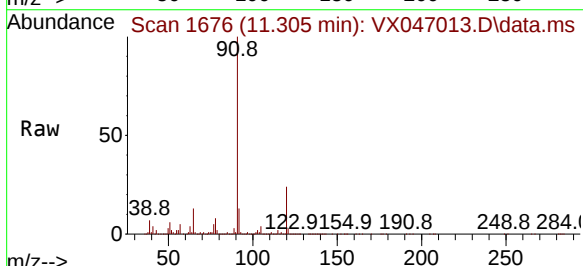
Acq: 15 Jul 2025 19:13

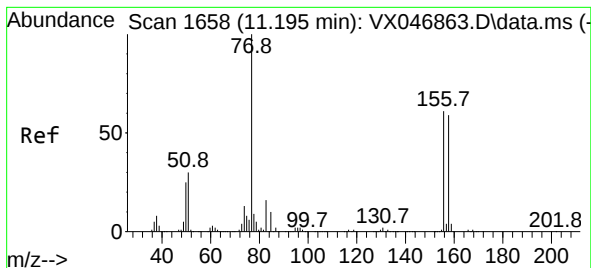
Tgt Ion: 75 Resp: 63592

Ion Ratio Lower Upper

75 100

77 702.9 20.6 61.8#





#77

Bromobenzene

Concen: 1.026 ug/l

RT: 11.262 min Scan# 1

Delta R.T. 0.067 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

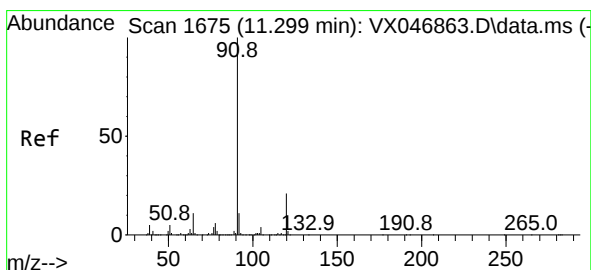
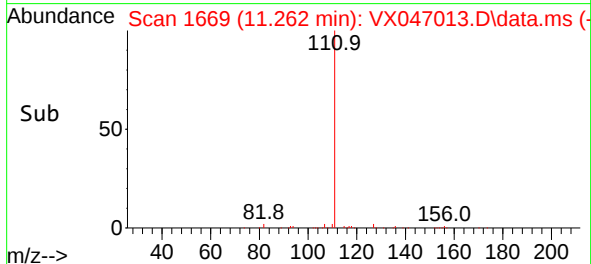
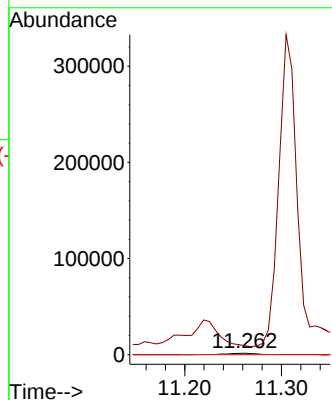
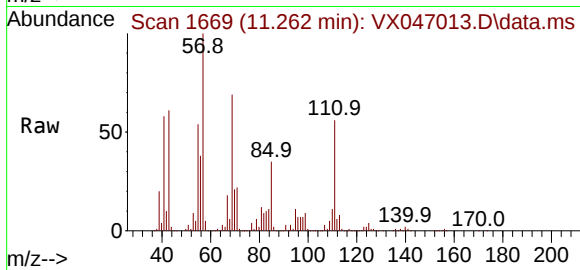
Tgt Ion:156 Resp: 3246

Ion Ratio Lower Upper

156 100

77 0.0 82.3 247.0#

158 0.0 47.5 142.6#



#78

n-propylbenzene

Concen: 604.100 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.006 min

Lab File: VX047013.D

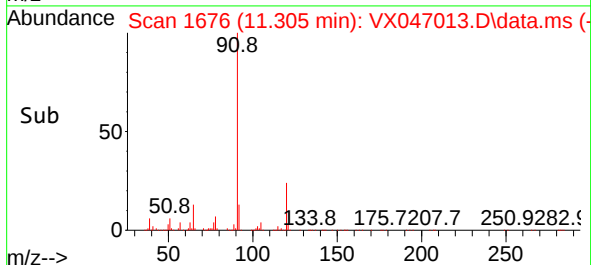
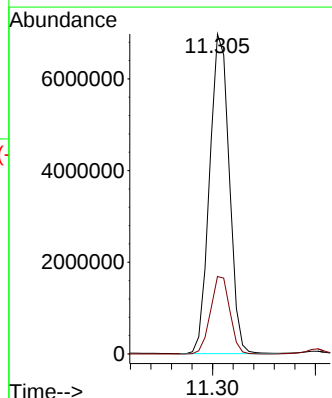
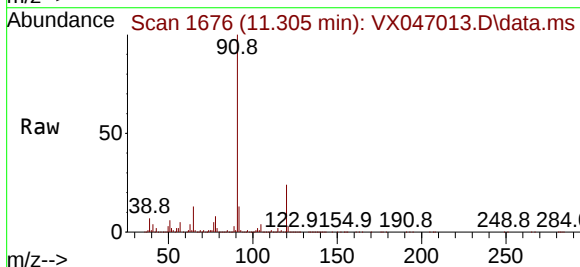
Acq: 15 Jul 2025 19:13

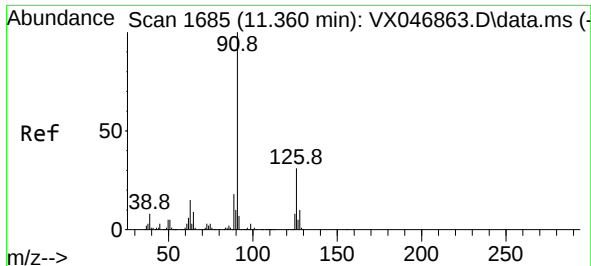
Tgt Ion: 91 Resp: 9255670

Ion Ratio Lower Upper

91 100

120 23.8 11.2 33.5

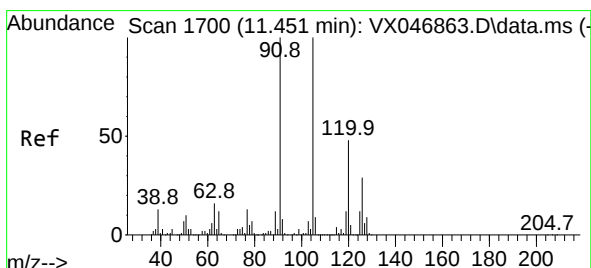
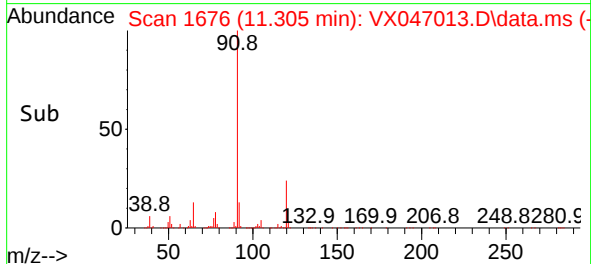
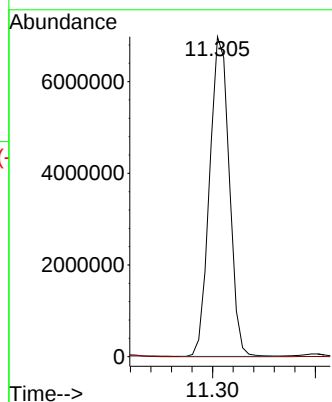
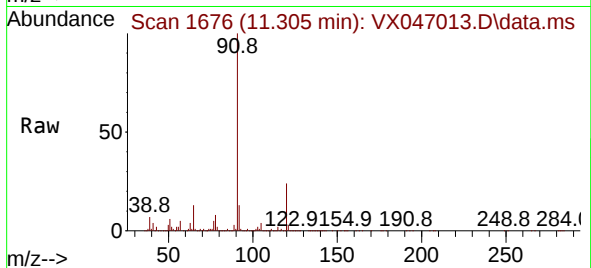




#79
2-Chlorotoluene
Concen: 1023.090 ug/l
RT: 11.305 min Scan# 1692
Delta R.T. -0.055 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

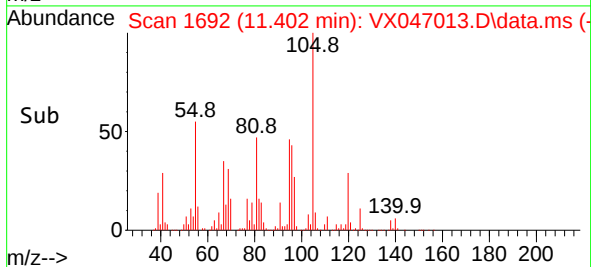
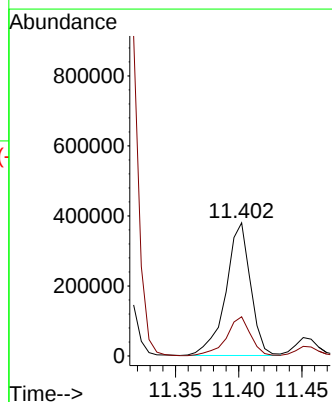
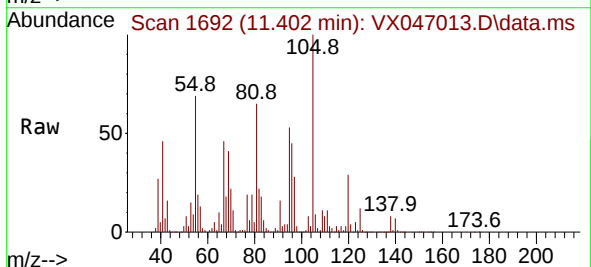
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

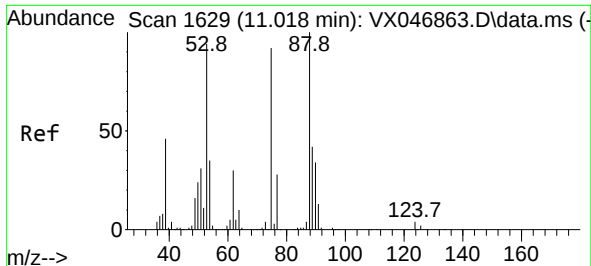
Tgt Ion: 91 Resp: 9255670
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#



#80
1,3,5-Trimethylbenzene
Concen: 49.605 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.049 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 105 Resp: 512144
Ion Ratio Lower Upper
105 100
120 28.8 24.1 72.4

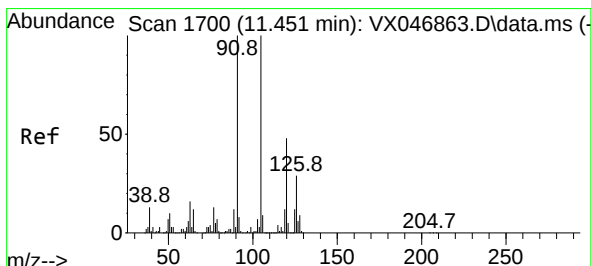
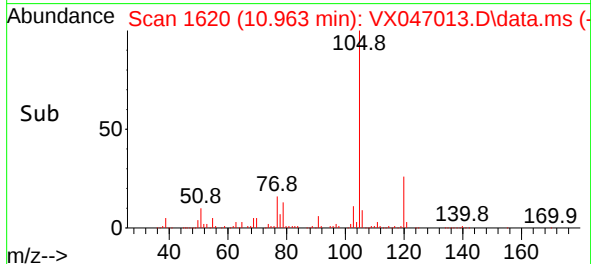
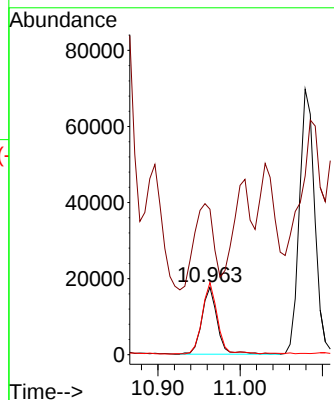
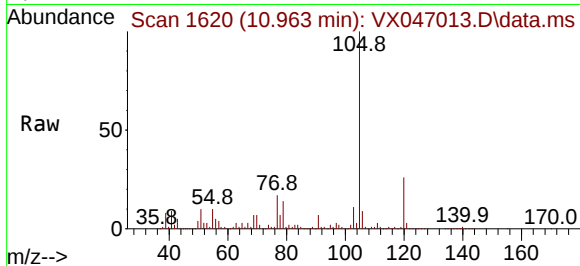




#81
trans-1,4-Dichloro-2-butene
Concen: 22.085 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.055 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

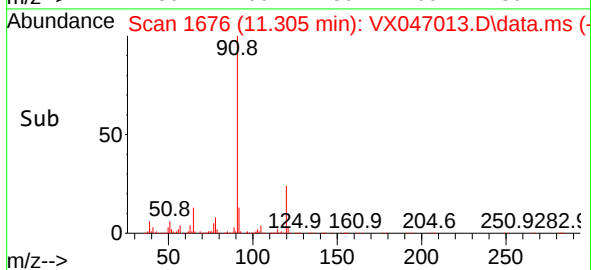
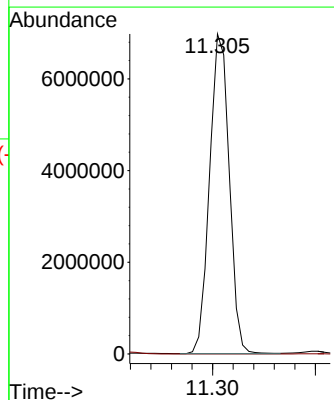
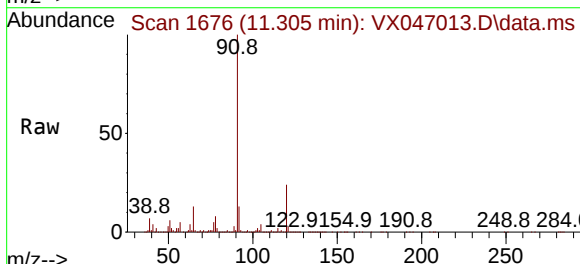
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

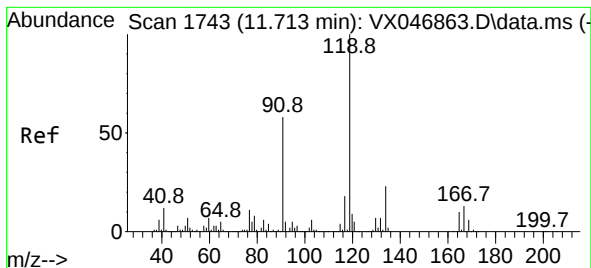
Tgt Ion: 75 Resp: 22985
Ion Ratio Lower Upper
75 100
53 204.0 83.7 125.5#
89 106.4 38.2 57.2#



#82
4-Chlorotoluene
Concen: 886.565 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.147 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion: 91 Resp: 9255670
Ion Ratio Lower Upper
91 100
126 0.0 14.6 44.0#





#83

tert-Butylbenzene

Concen: 7.914 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCH

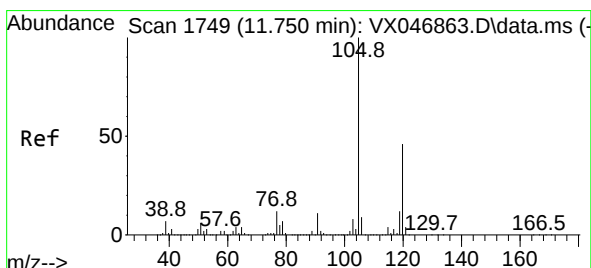
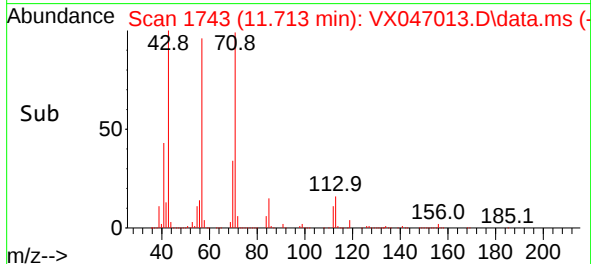
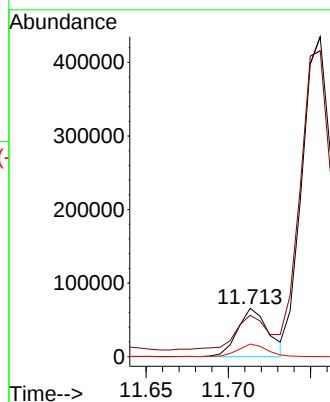
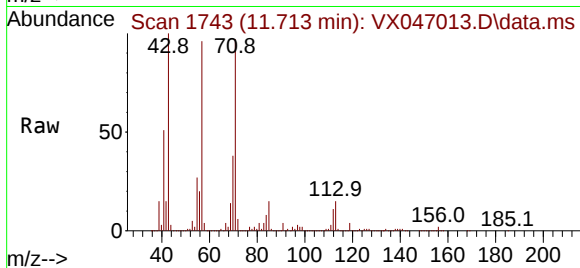
Tgt Ion:119 Resp: 84387

Ion Ratio Lower Upper

119 100

91 71.9 28.7 86.3

134 25.5 11.4 34.2



#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

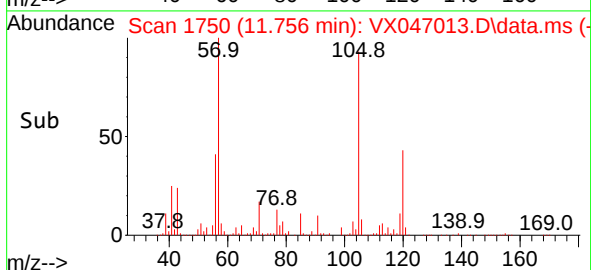
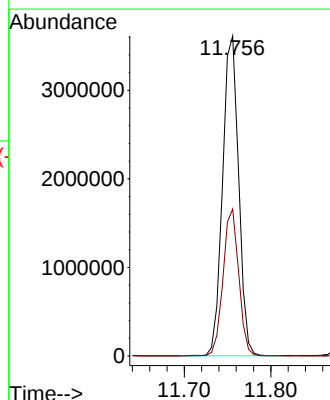
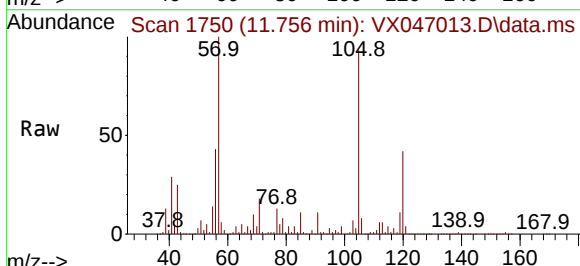
Acq: 15 Jul 2025 19:13

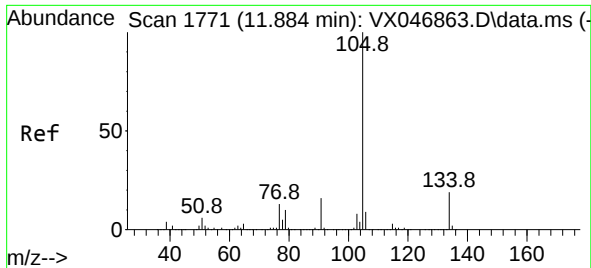
Tgt Ion:105 Resp: 4645743

Ion Ratio Lower Upper

105 100

120 45.0 23.3 69.8

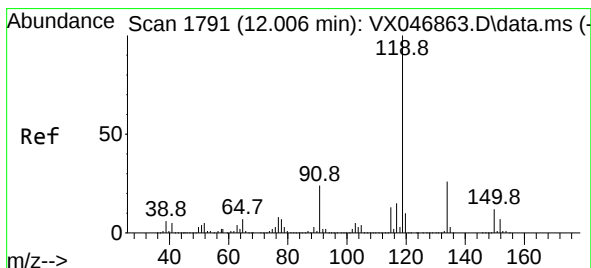
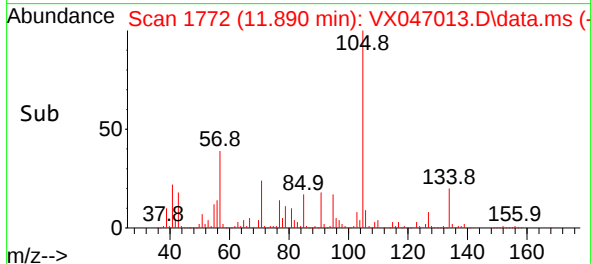
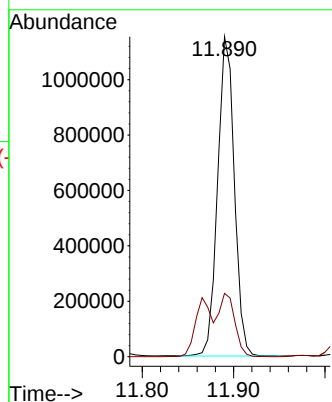
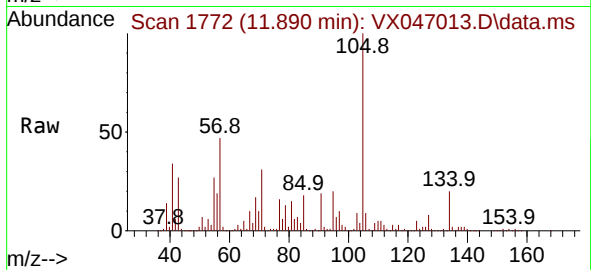




#85
 sec-Butylbenzene
 Concen: 108.891 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

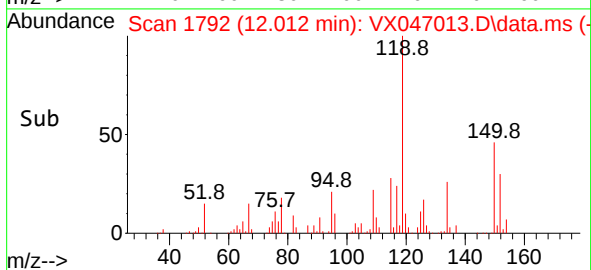
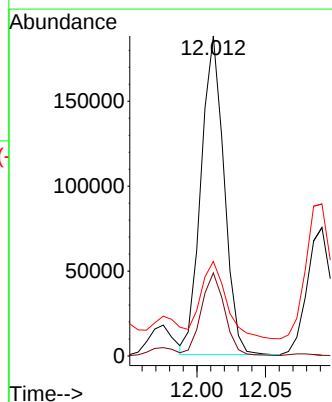
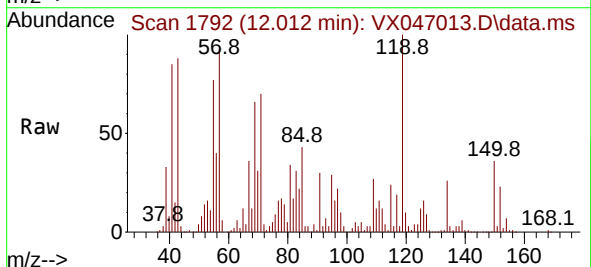
Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCH

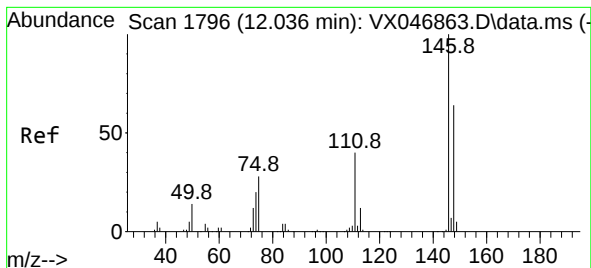
Tgt Ion:105 Resp: 1464013
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 19.490 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

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





#88

1,4-Dichlorobenzene

Concen: 0.244 ug/l

RT: 12.049 min Scan# 1

Delta R.T. 0.012 min

Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Instrument :

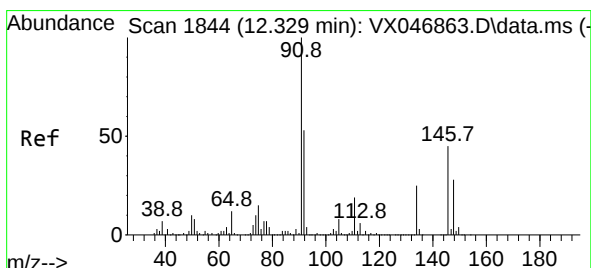
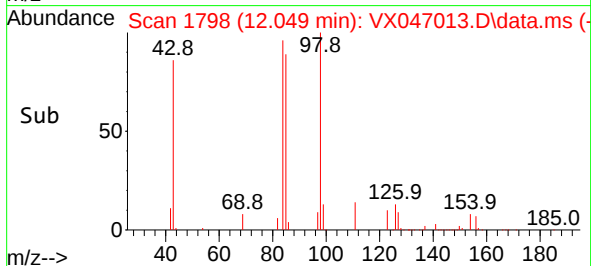
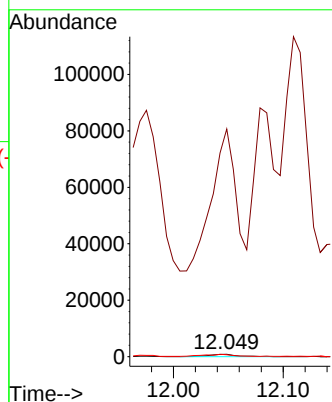
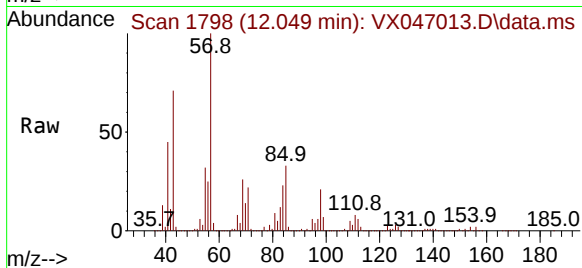
MSVOA_X

ClientSampleId :

END-OF-TRENCH

Tgt Ion:146 Resp: 1505

Ion	Ratio	Lower	Upper
146	100		
111	5119.5	20.2	60.5#
148	89.6	32.4	97.0



#89

n-Butylbenzene

Concen: 184.546 ug/l

RT: 12.335 min Scan# 1845

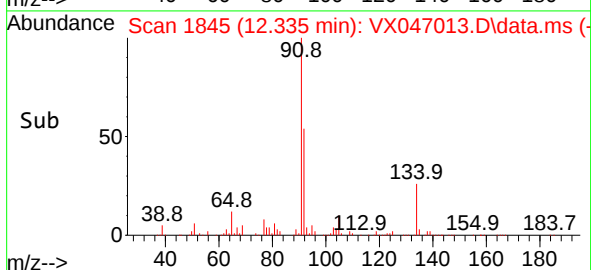
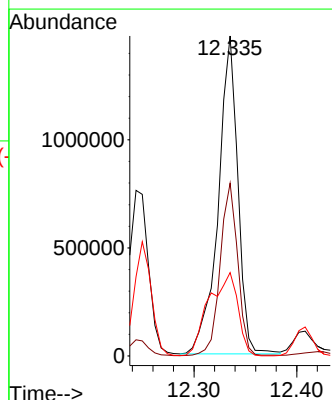
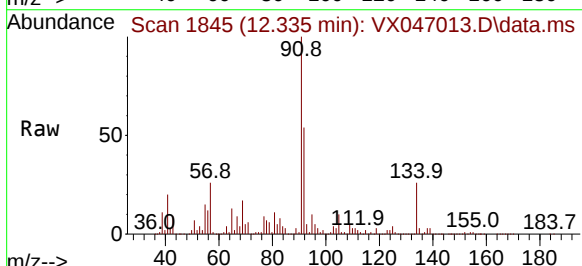
Delta R.T. 0.006 min

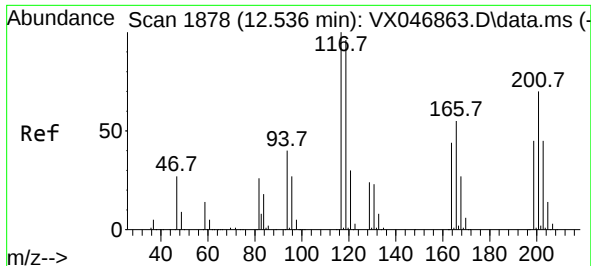
Lab File: VX047013.D

Acq: 15 Jul 2025 19:13

Tgt Ion: 91 Resp: 1952316

Ion	Ratio	Lower	Upper
91	100		
92	48.5	27.0	81.0
134	38.7	12.8	38.4#

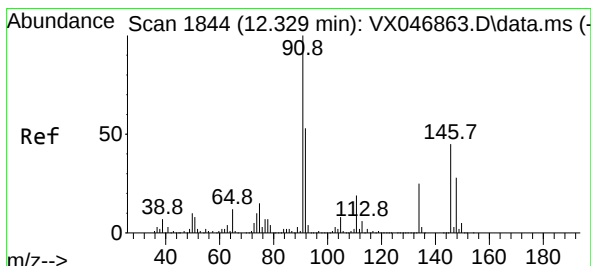
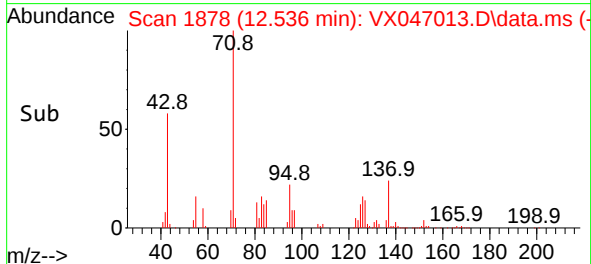
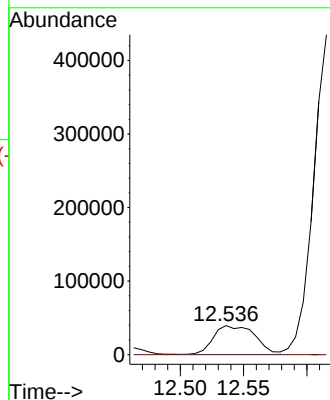
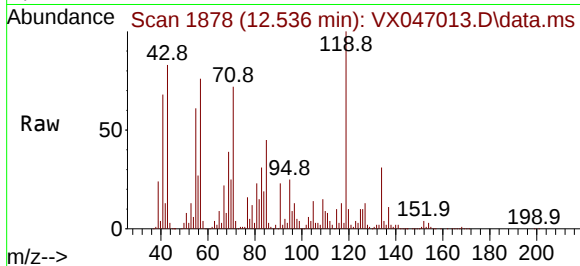




#90
Hexachloroethane
Concen: 44.666 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

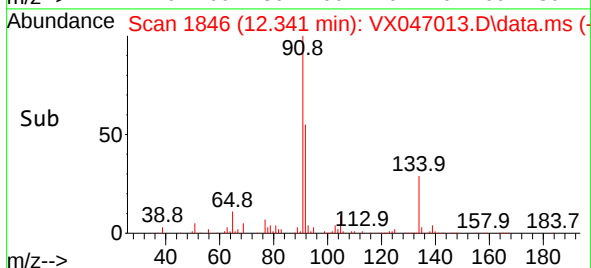
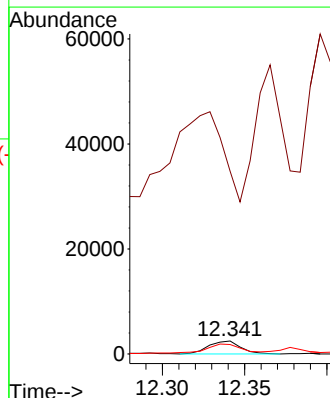
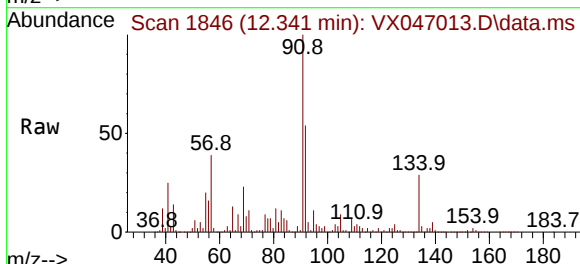
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

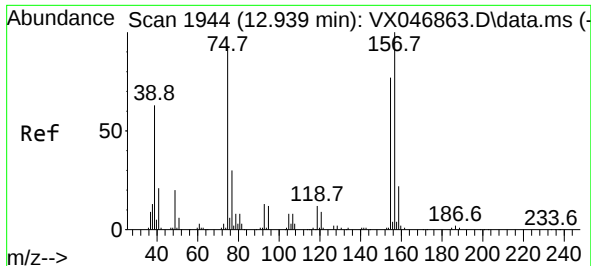
Tgt Ion:117 Resp: 89150
Ion Ratio Lower Upper
117 100
201 0.1 35.8 107.4#



#91
1,2-Dichlorobenzene
Concen: 0.584 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

Tgt Ion:146 Resp: 3351
Ion Ratio Lower Upper
146 100
111 1072.6 21.1 63.1#
148 96.2 31.6 95.0#

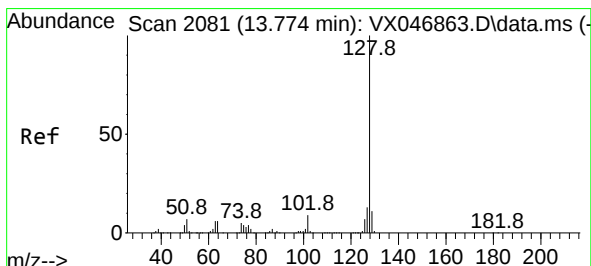
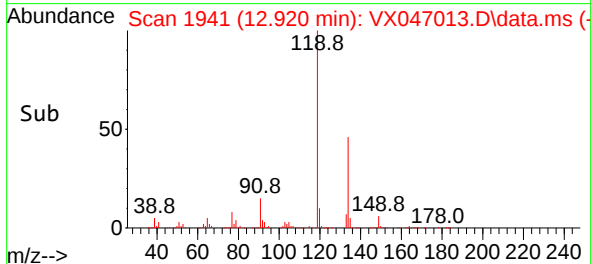
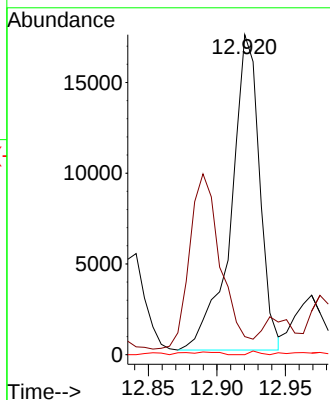
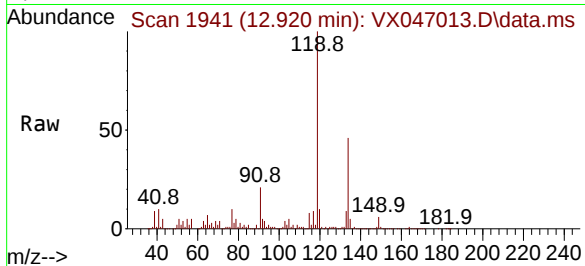




#92
1,2-Dibromo-3-Chloropropane
Concen: 41.239 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.018 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

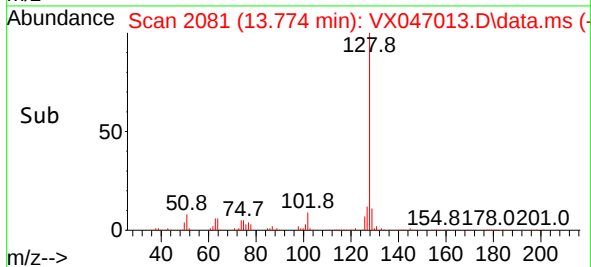
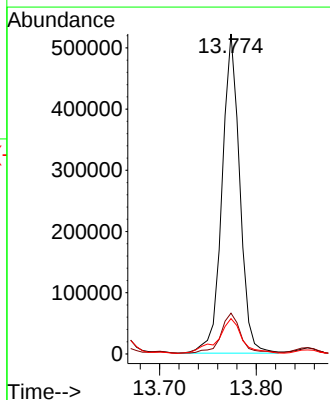
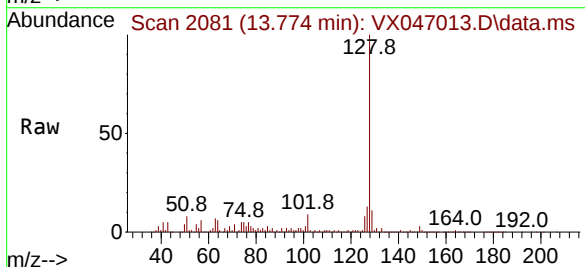
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCH

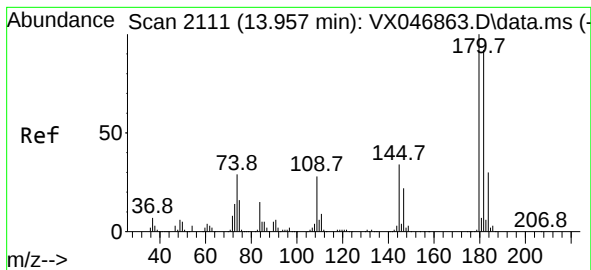
Tgt Ion: 75 Resp: 25201
Ion Ratio Lower Upper
75 100
155 9.7 43.1 129.4#
157 0.4 56.5 169.5#



#95
Naphthalene
Concen: 64.438 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047013.D
Acq: 15 Jul 2025 19:13

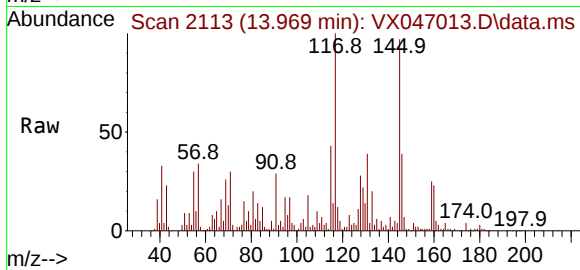
Tgt Ion:128 Resp: 661683
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.4
129 14.5 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.304 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX047013.D
 Acq: 15 Jul 2025 19:13

Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCH



Tgt Ion:180 Resp: 1120
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.7 140.1#
 145 5351.1 16.8 50.3#

