

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

Instrument :
 MSVOA_X
 ClientSampleId :
 END-OF-TRENCHDL

Quant Time: Jul 17 03:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	320742	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	537318	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	482473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	236691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	224247	52.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.840%	
35) Dibromofluoromethane	5.397	113	180734	49.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.100%	
50) Toluene-d8	8.652	98	612735	47.615	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.220%	
62) 4-Bromofluorobenzene	11.079	95	257413	52.632	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.260%	

Target Compounds				Qvalue		
5) Bromomethane	1.629	94	677	0.289	ug/l #	64
6) Chloroethane	1.709	64	511	0.212	ug/l	100
10) Methyl Iodide	2.471	142	1931	0.493	ug/l #	92
13) Acrolein	2.251	56	124	3.234	ug/l #	53
16) Acetone	2.398	43	1558	1.184	ug/l #	62
20) Methylene Chloride	2.806	84	1615	0.415	ug/l #	89
31) Cyclohexane	5.495	56	26244	4.333	ug/l #	77
36) 1,1-Dichloropropene	5.555	75	26385	5.362	ug/l #	51
38) Carbon Tetrachloride	5.555	117	33883	6.513	ug/l #	17
39) Methylcyclohexane	7.384	83	279952	45.478	ug/l	96
43) Isopropyl Acetate	6.360	43	3099	0.483	ug/l #	61
45) 1,2-Dichloropropane	7.372	63	2989	0.795	ug/l #	1
47) Bromodichloromethane	7.775	83	2326	0.418	ug/l #	1
48) Methyl methacrylate	7.659	41	17586	5.305	ug/l #	56
51) 4-Methyl-2-Pentanone	8.604	43	11827	3.122	ug/l #	37
55) 1,1,2-Trichloroethane	9.104	97	31954	9.301	ug/l #	18
56) Ethyl methacrylate	9.104	69	7924	1.666	ug/l #	1
59) 2-Hexanone	9.384	43	71127	28.302	ug/l #	29
67) Ethyl Benzene	10.195	91	150008	8.397	ug/l	98
68) m/p-Xylenes	10.305	106	5721	0.850	ug/l	97
73) Isopropylbenzene	10.963	105	125115	7.520	ug/l	100
74) N-amyl acetate	10.853	43	42049	7.437	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	25171	5.502	ug/l #	25
76) 1,2,3-Trichloropropane	11.304	75	5185	1.418	ug/l #	1
78) n-propylbenzene	11.304	91	739135	36.841	ug/l	99
79) 2-Chlorotoluene	11.304	91	739135	62.393	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.402	105	36312	2.686	ug/l	69
81) trans-1,4-Dichloro-2-b...	11.079	75	130981	96.108	ug/l #	10
82) 4-Chlorotoluene	11.304	91	739135	54.067	ug/l #	45
83) tert-Butylbenzene	11.713	119	7287	0.522	ug/l	88
84) 1,2,4-Trimethylbenzene	11.749	105	357502	26.161	ug/l	97
85) sec-Butylbenzene	11.890	105	110589	6.281	ug/l	95
86) p-Isopropyltoluene	12.006	119	17558	1.191	ug/l	90
89) n-Butylbenzene	12.329	91	144285	10.416	ug/l	87
90) Hexachloroethane	12.548	117	6386	2.443	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1990	2.487	ug/l #	3

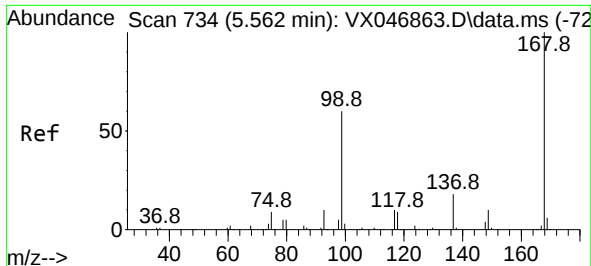
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047021.D
 Acq On : 16 Jul 2025 11:50
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Quant Time: Jul 17 03:30:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.591	180	1469	0.288	ug/l #	1
94) Hexachlorobutadiene	13.725	225	1907	0.991	ug/l	96
95) Naphthalene	13.774	128	44207	3.288	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.956	180	1570	0.326	ug/l #	1

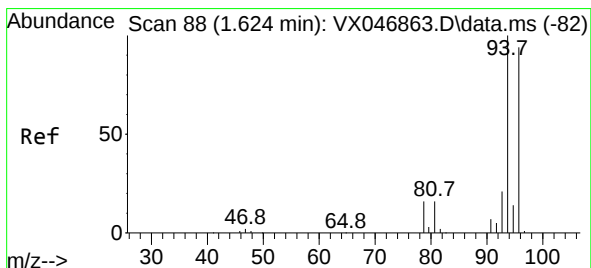
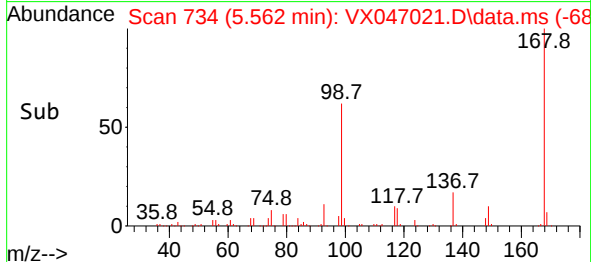
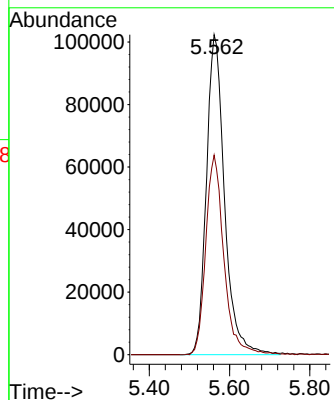
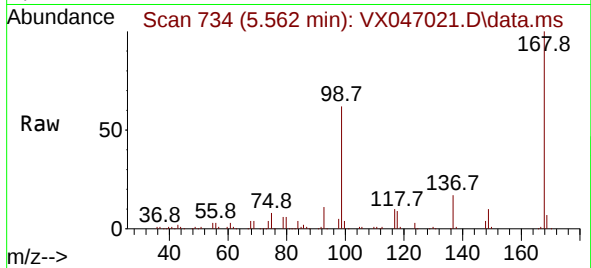
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

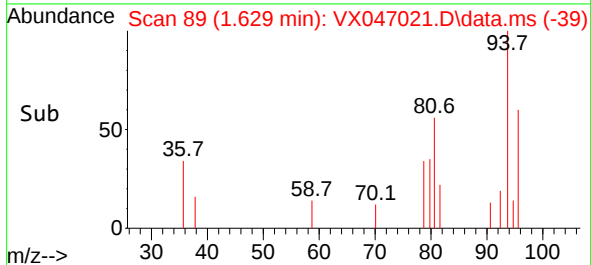
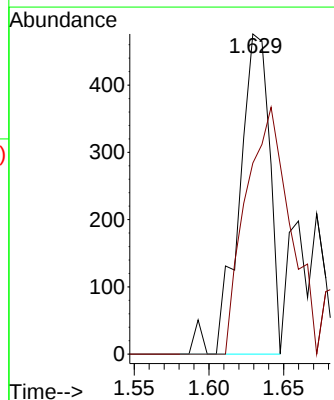
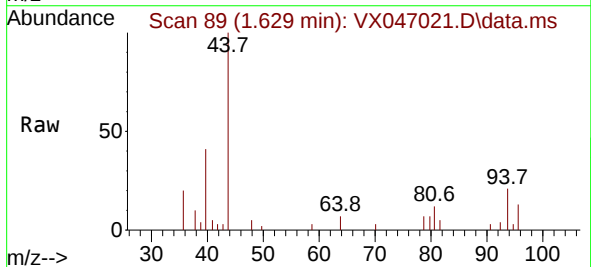
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

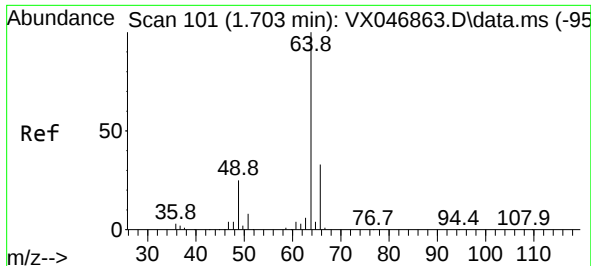
Tgt Ion:168 Resp: 320742
Ion Ratio Lower Upper
168 100
99 62.4 48.8 73.2



#5
Bromomethane
Concen: 0.289 ug/l
RT: 1.629 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 59.7 75.5 113.3#

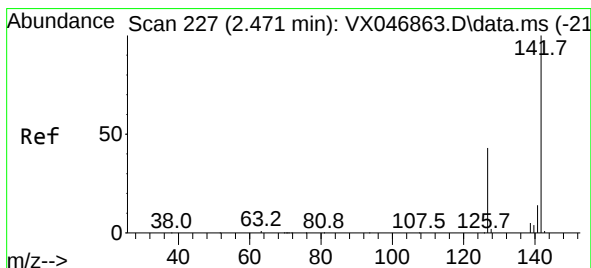
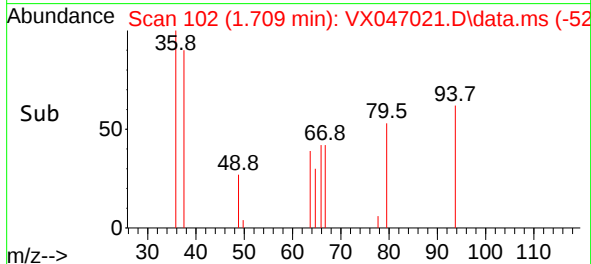
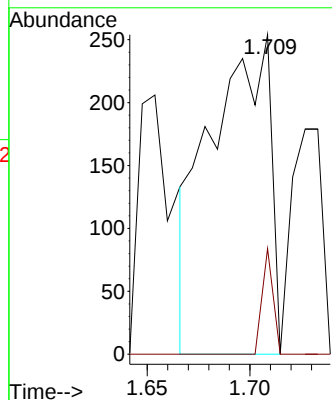
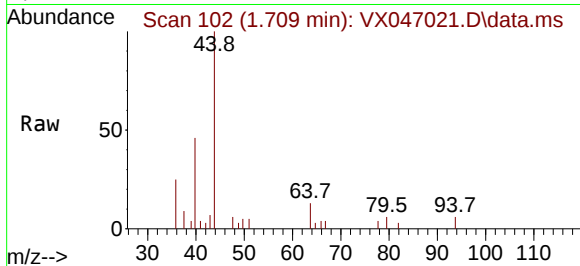




#6
Chloroethane
Concen: 0.212 ug/l
RT: 1.709 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

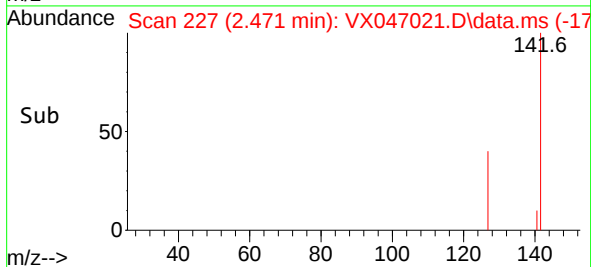
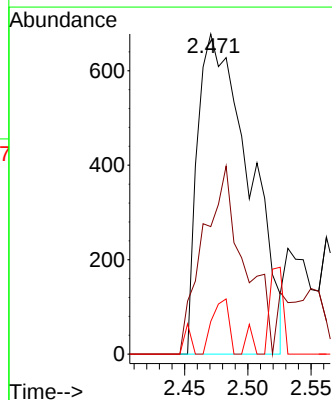
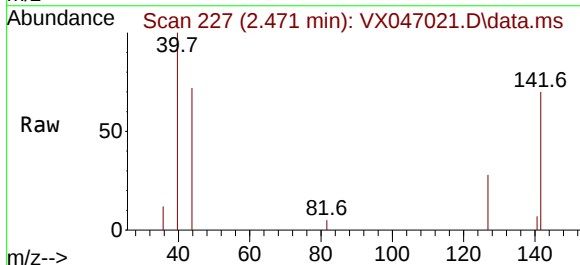
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

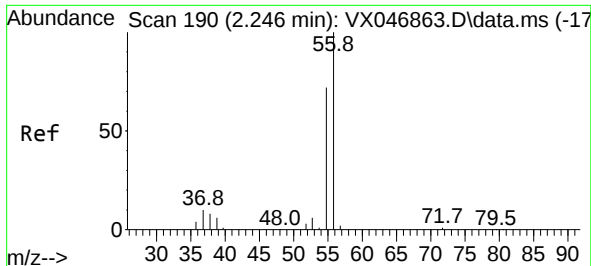
Tgt Ion: 64 Resp: 511
Ion Ratio Lower Upper
64 100
66 33.1 26.4 39.6



#10
Methyl Iodide
Concen: 0.493 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion:142 Resp: 1931
Ion Ratio Lower Upper
142 100
127 46.5 34.9 52.3
141 5.5 11.1 16.7#

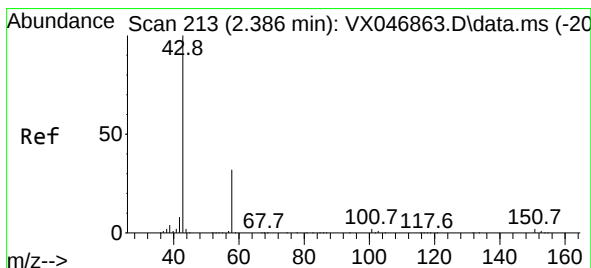
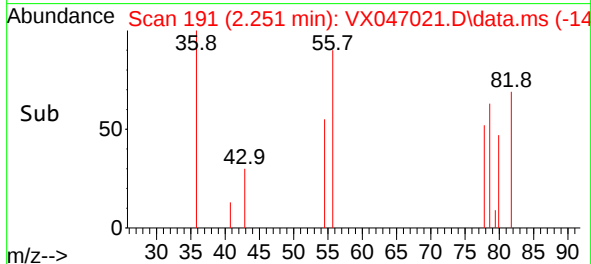
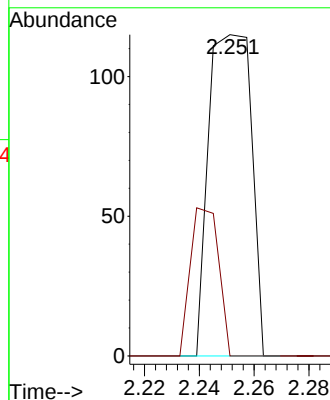
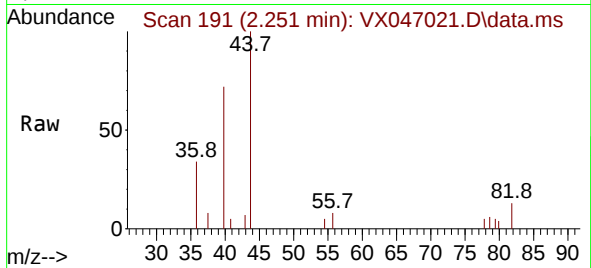




#13
Acrolein
Concen: 3.234 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.005 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

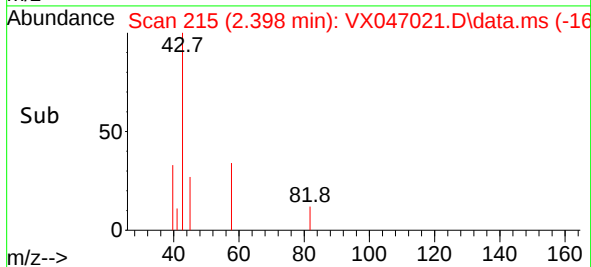
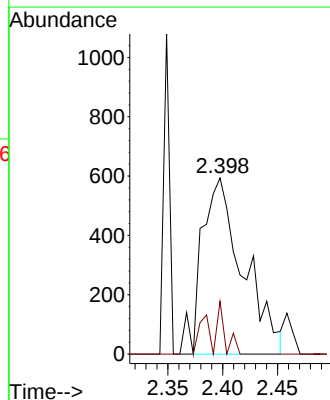
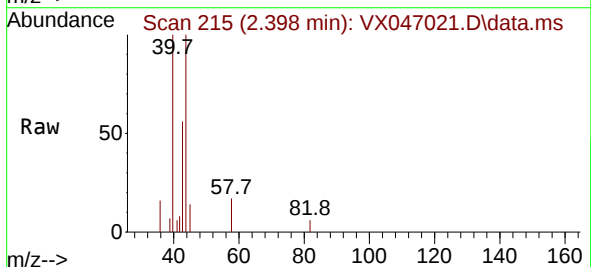
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

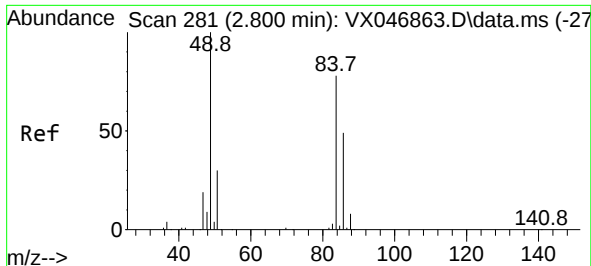
Tgt Ion: 56 Resp: 124
Ion Ratio Lower Upper
56 100
55 30.6 55.5 83.3#



#16
Acetone
Concen: 1.184 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

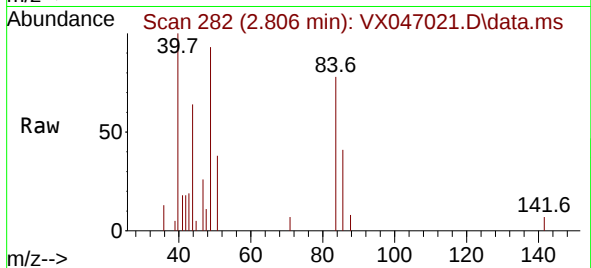
Tgt Ion: 43 Resp: 1558
Ion Ratio Lower Upper
43 100
58 10.9 25.8 38.6#



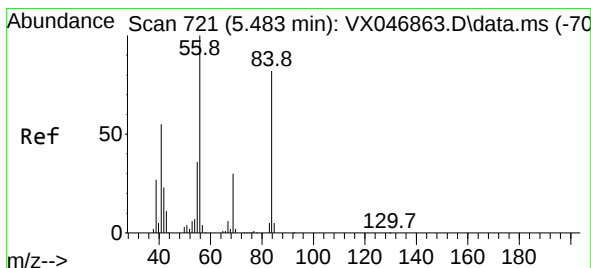
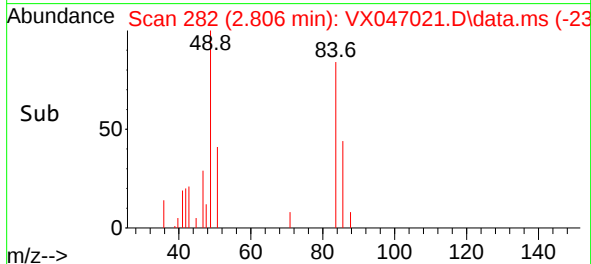
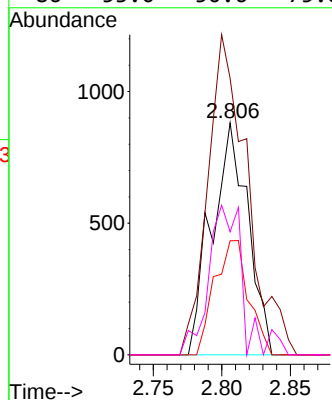


#20
Methylene Chloride
Concen: 0.415 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

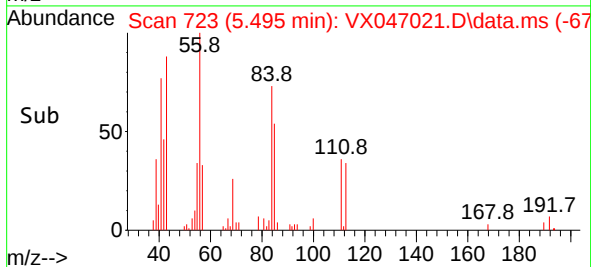
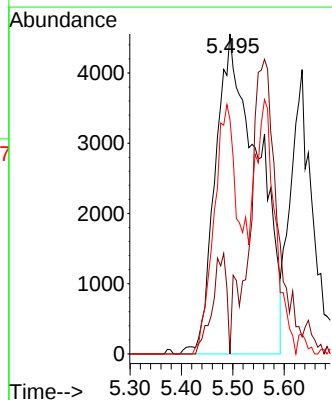
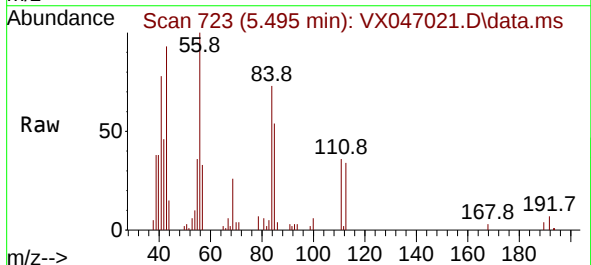


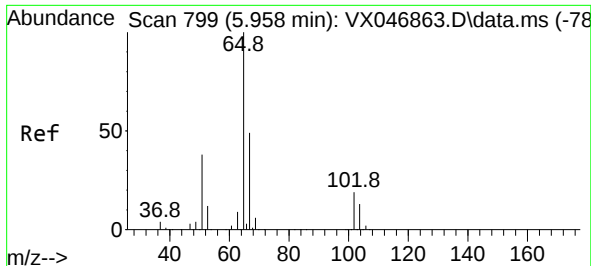
Tgt Ion: 84 Resp: 1615
Ion Ratio Lower Upper
84 100
49 119.2 102.8 154.2
51 49.1 31.1 46.7#
86 53.0 50.6 75.8



#31
Cyclohexane
Concen: 4.333 ug/l
RT: 5.495 min Scan# 723
Delta R.T. 0.012 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 56 Resp: 26244
Ion Ratio Lower Upper
56 100
69 0.0 24.0 36.0#
84 73.3 66.5 99.7





#33

1,2-Dichloroethane-d4

Concen: 52.922 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

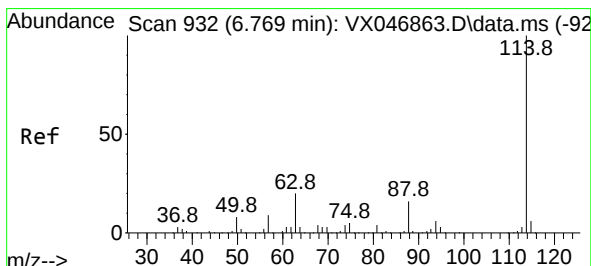
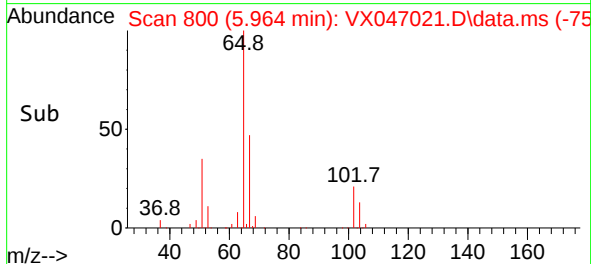
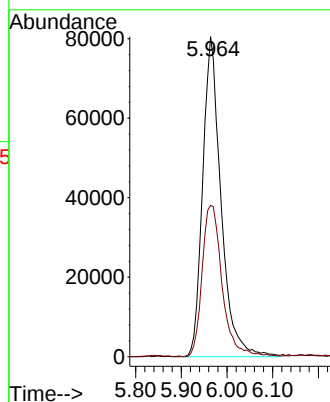
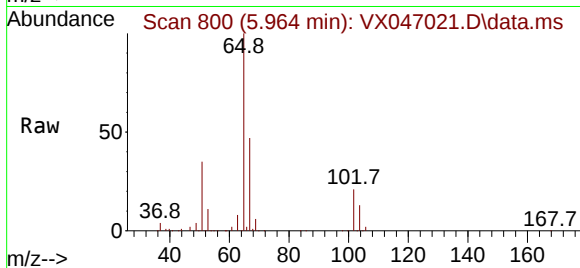
END-OF-TRENCHDL

Tgt Ion: 65 Resp: 224247

Ion Ratio Lower Upper

65 100

67 51.8 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

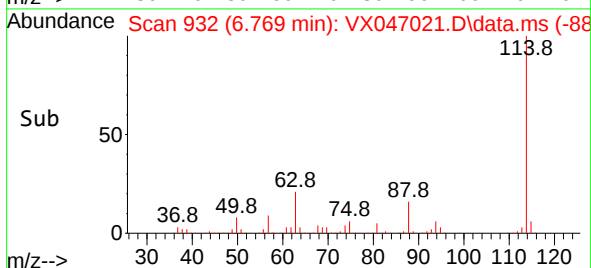
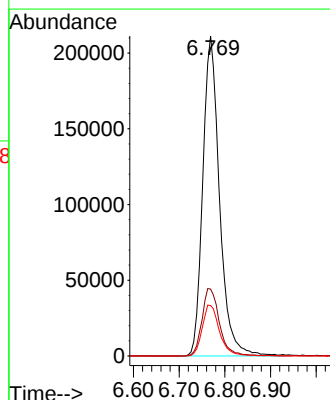
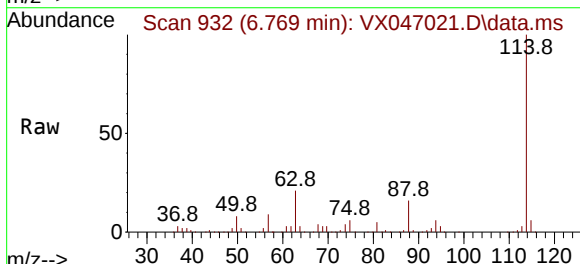
Tgt Ion: 114 Resp: 537318

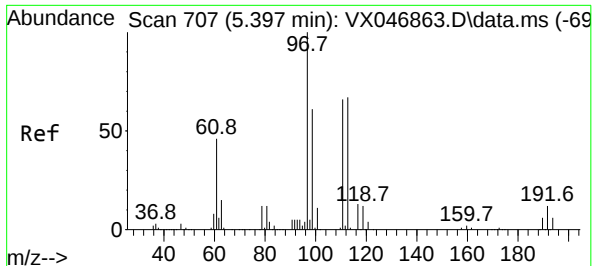
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.4

88 15.7 0.0 31.0

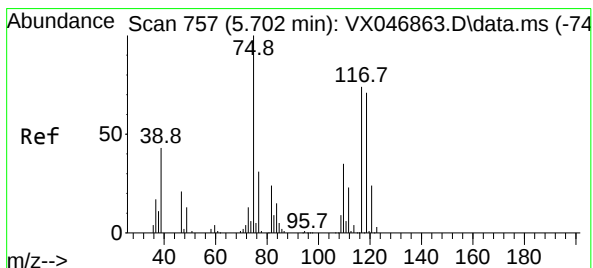
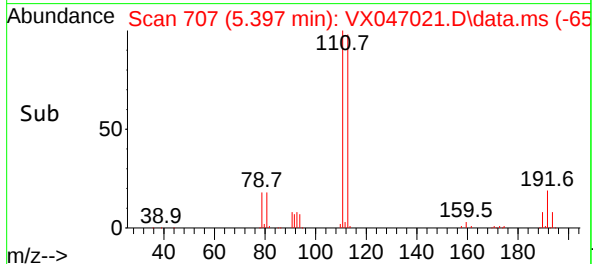
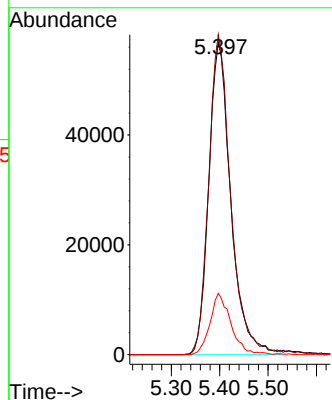
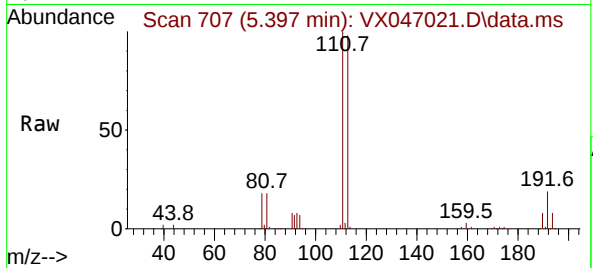




#35
Dibromofluoromethane
Concen: 49.552 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

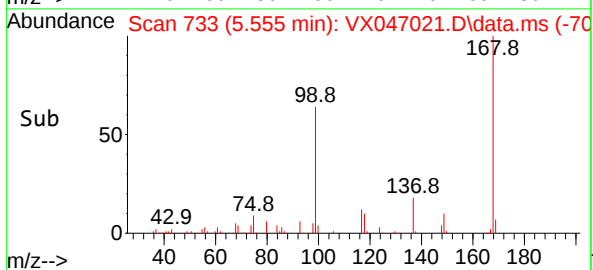
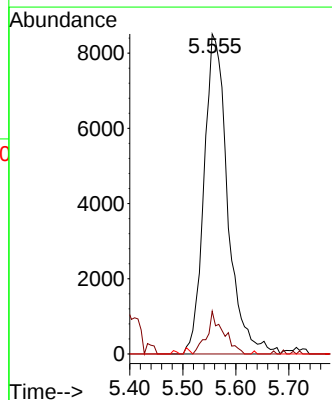
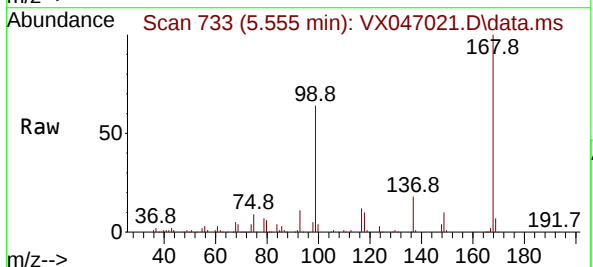
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

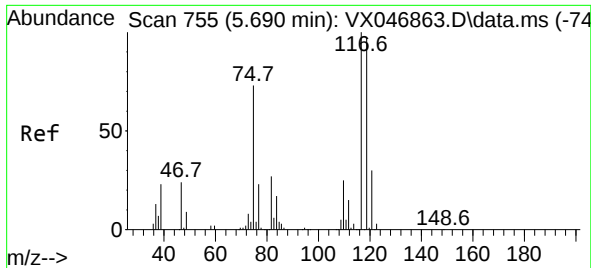
Tgt Ion:113 Resp: 180734
Ion Ratio Lower Upper
113 100
111 101.8 81.2 121.8
192 18.6 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.362 ug/l
RT: 5.555 min Scan# 733
Delta R.T. -0.147 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 75 Resp: 26385
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.9#
77 0.0 24.2 36.4#

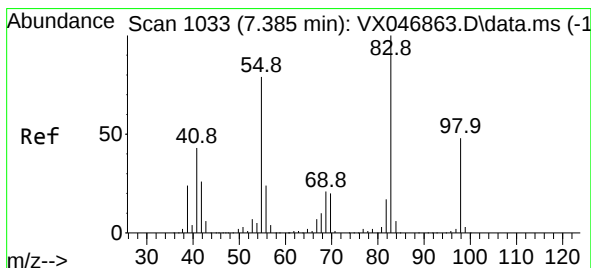
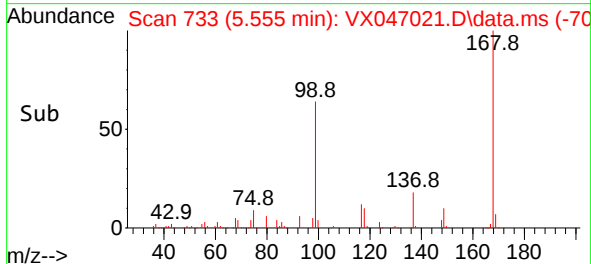
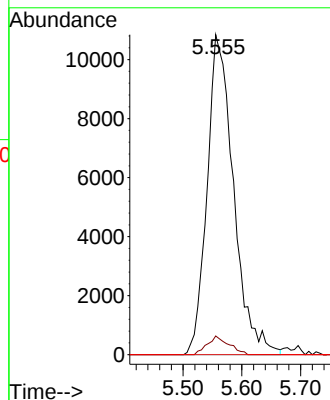
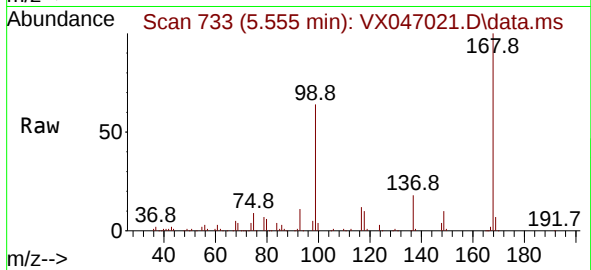




#38
Carbon Tetrachloride
Concen: 6.513 ug/l
RT: 5.555 min Scan# 711
Delta R.T. -0.135 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

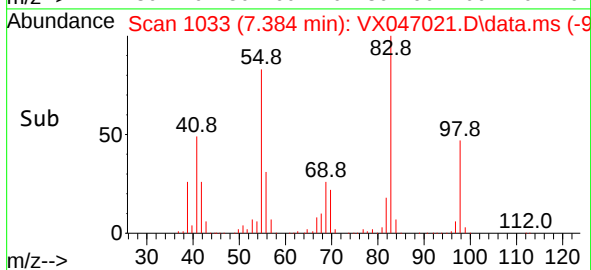
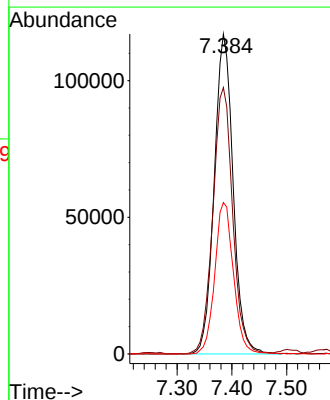
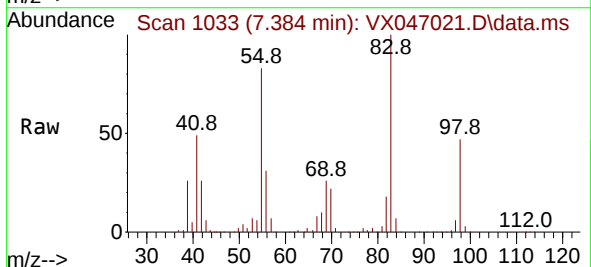
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

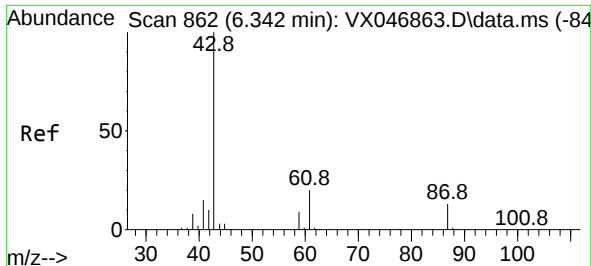
Tgt Ion:117 Resp: 33883
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.1 36.1#



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

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

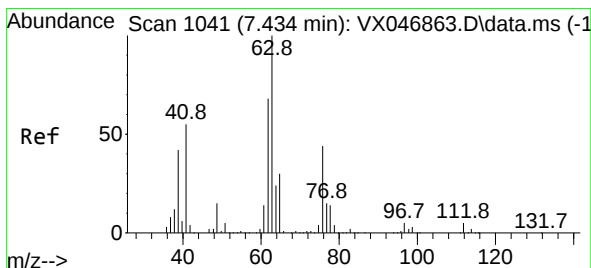
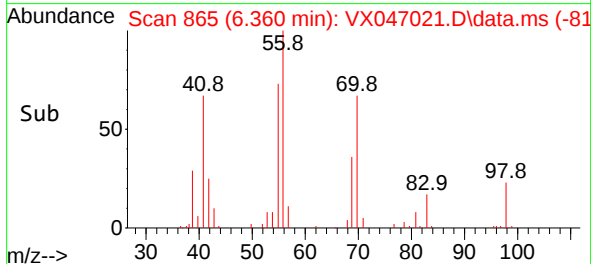
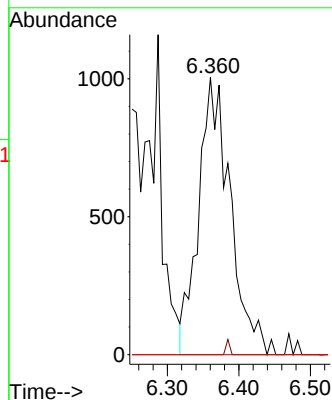
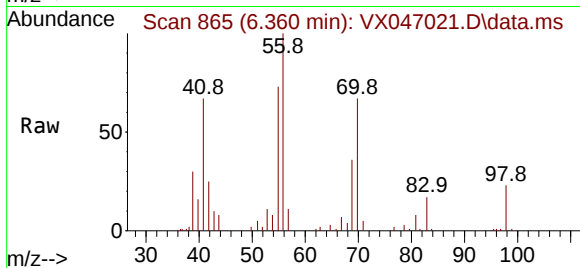




#43
Isopropyl Acetate
Concen: 0.483 ug/l
RT: 6.360 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

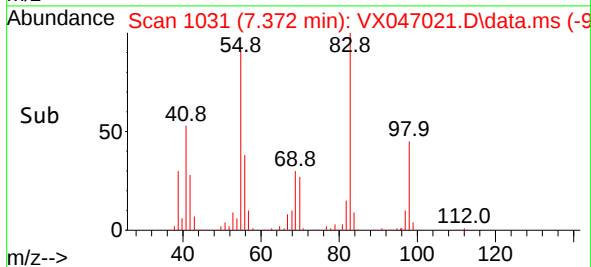
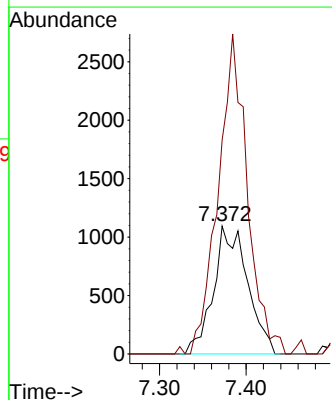
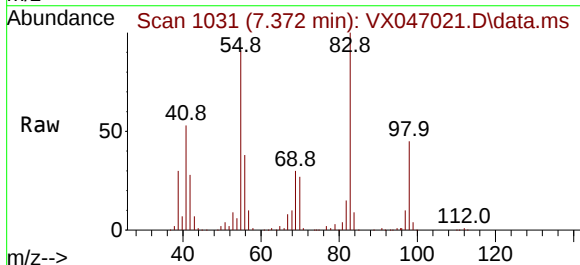
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

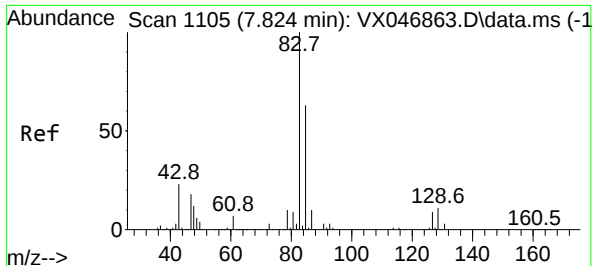
Tgt Ion: 43 Resp: 3099
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.1 15.1#



#45
1,2-Dichloropropane
Concen: 0.795 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.061 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 63 Resp: 2989
Ion Ratio Lower Upper
63 100
65 161.4 24.2 36.2#

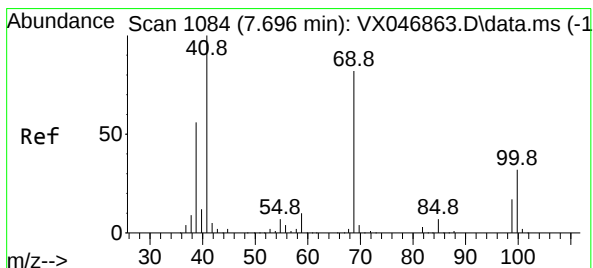
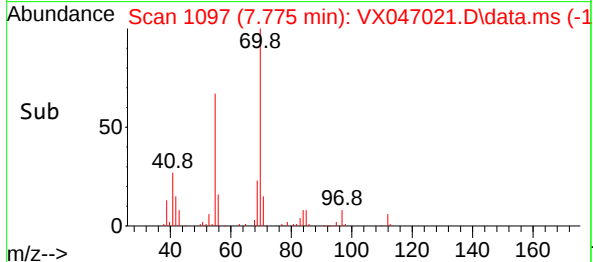
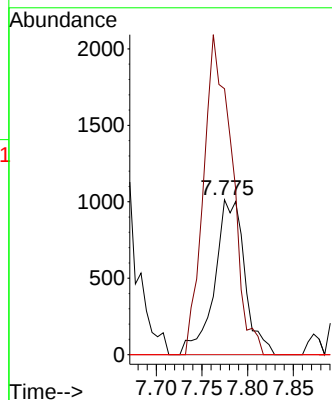
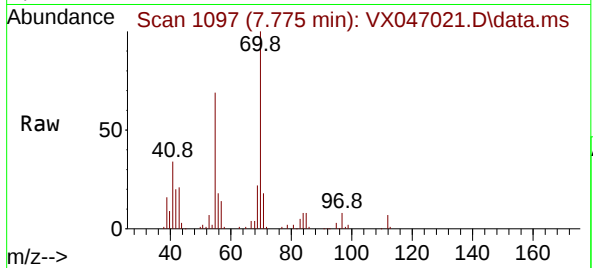




#47
Bromodichloromethane
Concen: 0.418 ug/l
RT: 7.775 min Scan# 1097
Delta R.T. -0.049 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

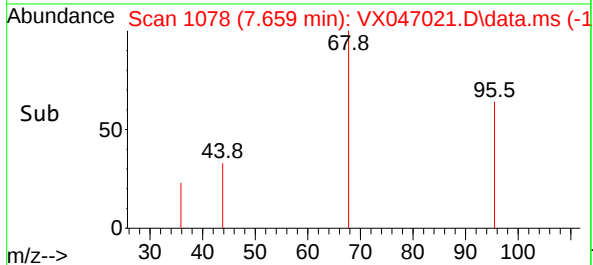
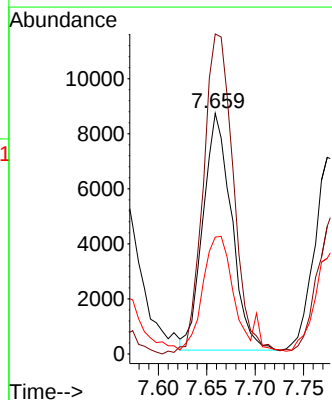
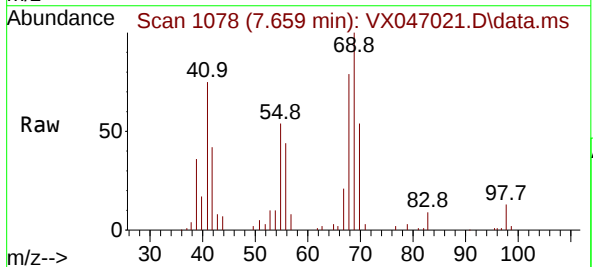
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

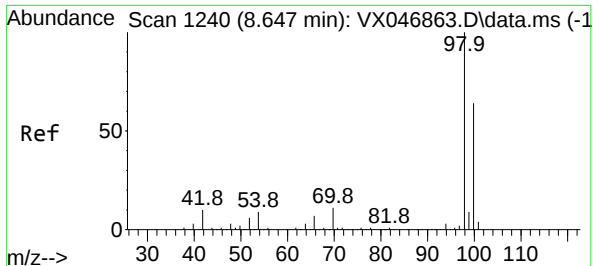
Tgt Ion: 83 Resp: 2326
Ion Ratio Lower Upper
83 100
85 171.7 50.2 75.4#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 5.305 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 41 Resp: 17586
Ion Ratio Lower Upper
41 100
69 143.7 65.8 98.8#
39 49.6 43.8 65.6





#50

Toluene-d8

Concen: 47.615 ug/l

RT: 8.652 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

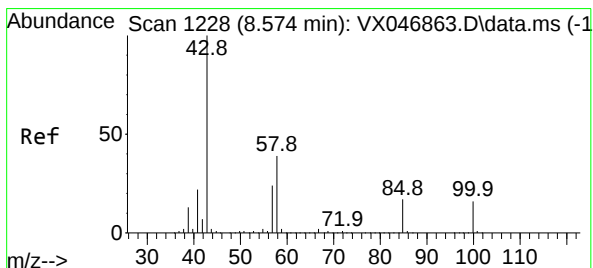
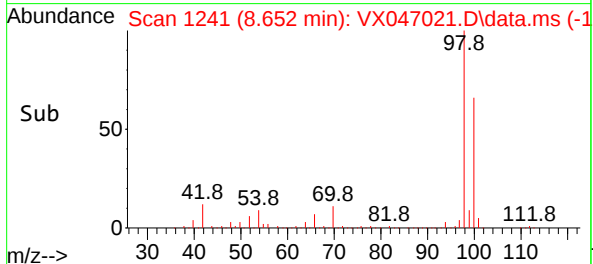
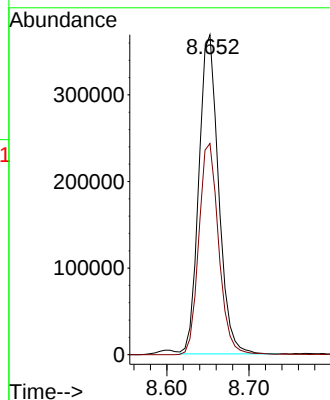
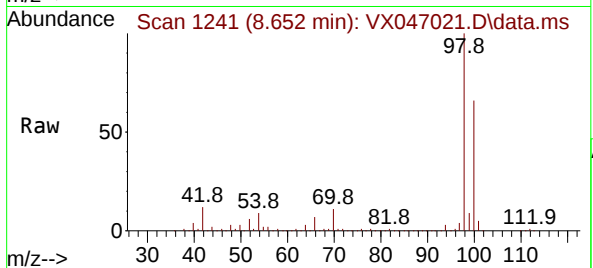
END-OF-TRENCHDL

Tgt Ion: 98 Resp: 612735

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6



#51

4-Methyl-2-Pentanone

Concen: 3.122 ug/l

RT: 8.604 min Scan# 1233

Delta R.T. 0.030 min

Lab File: VX047021.D

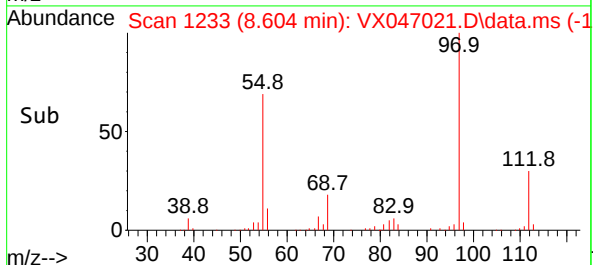
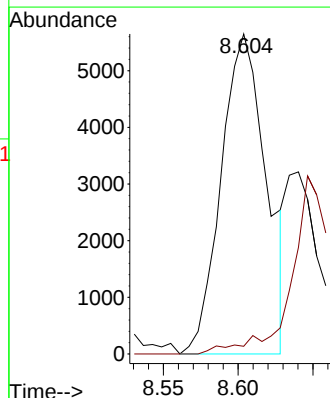
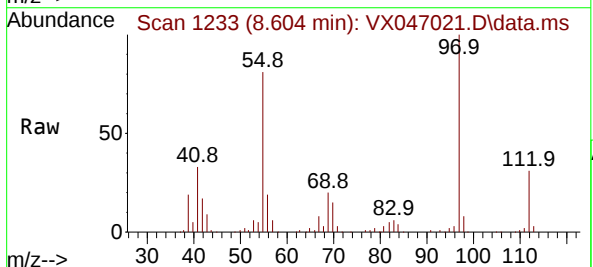
Acq: 16 Jul 2025 11:50

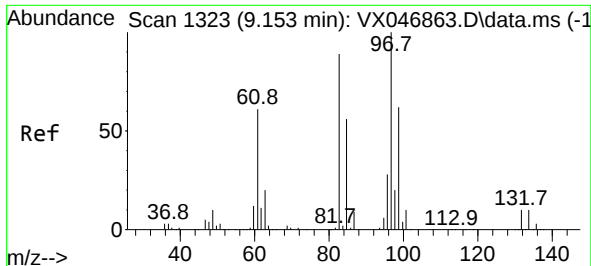
Tgt Ion: 43 Resp: 11827

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#

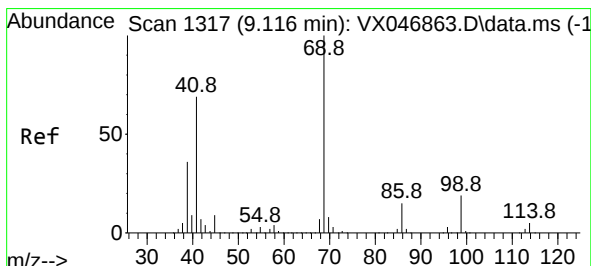
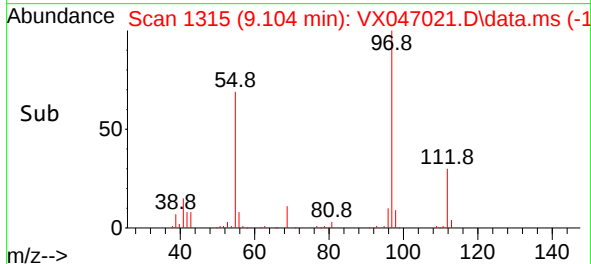
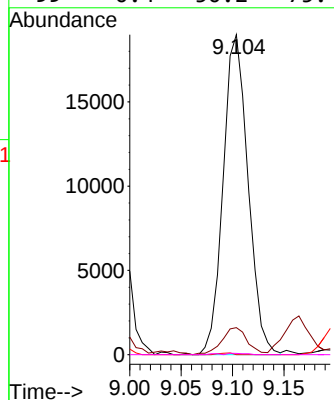
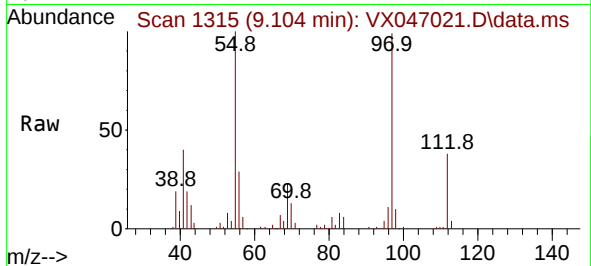




#55
1,1,2-Trichloroethane
Concen: 9.301 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

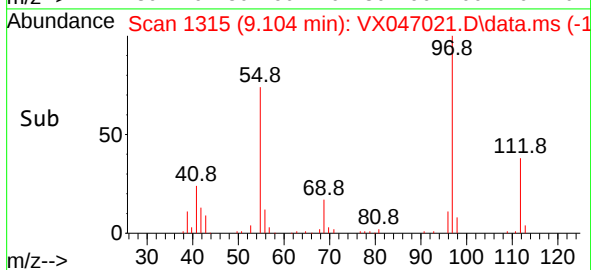
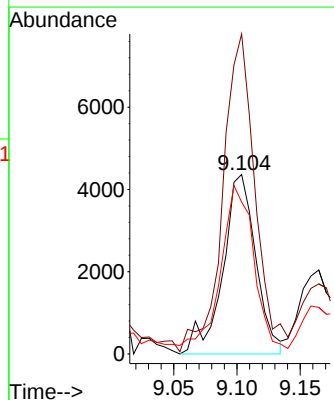
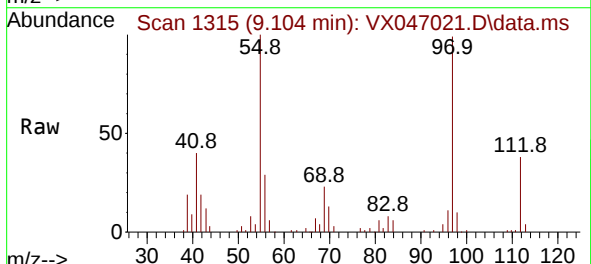
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

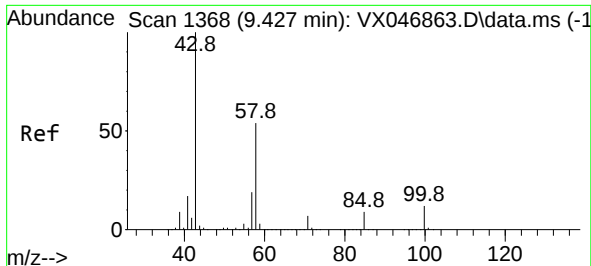
Tgt Ion:	97	Resp:	31954
Ion	Ratio	Lower	Upper
97	100		
83	7.8	70.9	106.3#
85	0.0	44.6	67.0#
99	0.4	50.2	75.4#



#56
Ethyl methacrylate
Concen: 1.666 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.013 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion:	69	Resp:	7924
Ion	Ratio	Lower	Upper
69	100		
41	172.0	54.6	82.0#
39	88.9	28.7	43.1#

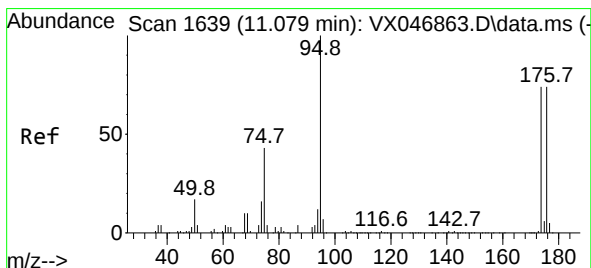
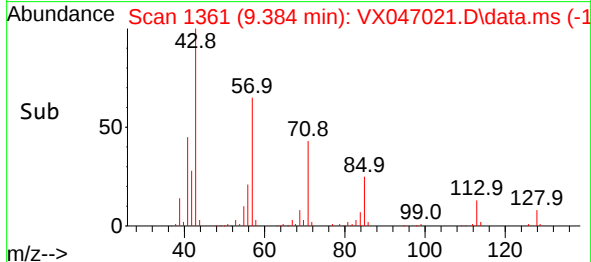
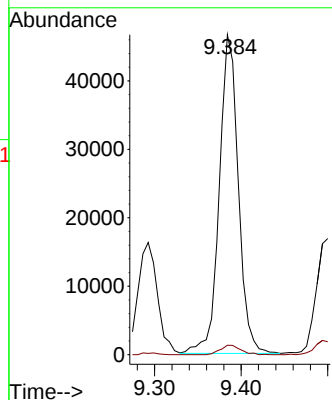
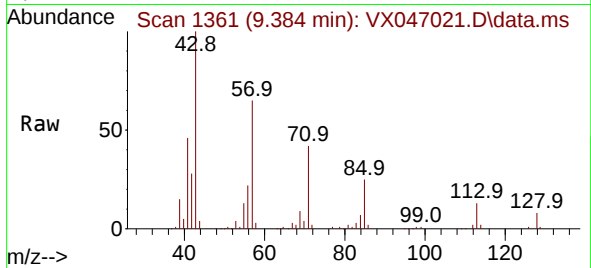




#59
2-Hexanone
Concen: 28.302 ug/l
RT: 9.384 min Scan# 1361
Delta R.T. -0.043 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

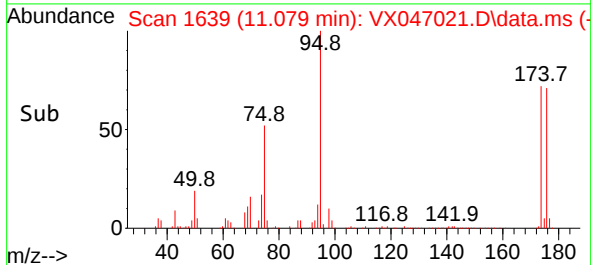
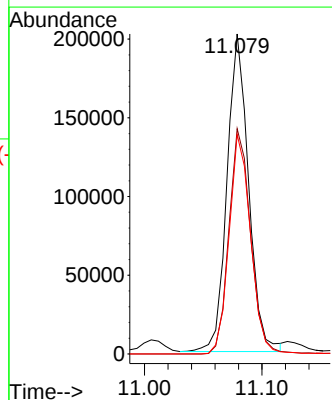
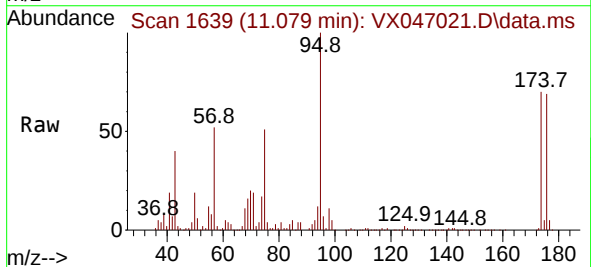
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

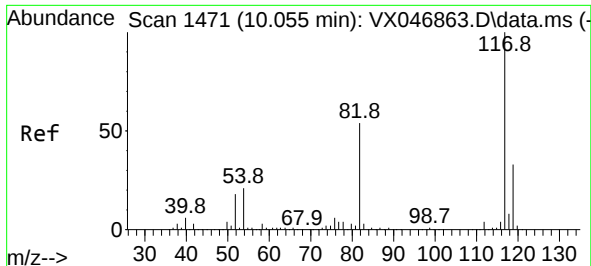
Tgt Ion: 43 Resp: 71127
Ion Ratio Lower Upper
43 100
58 3.2 27.1 81.3#



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

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

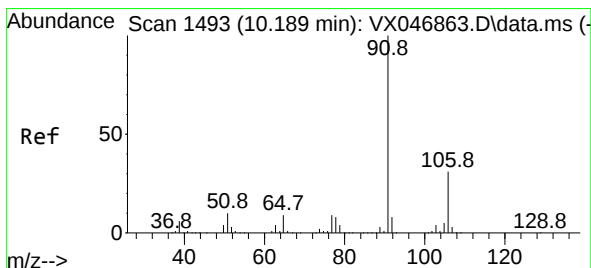
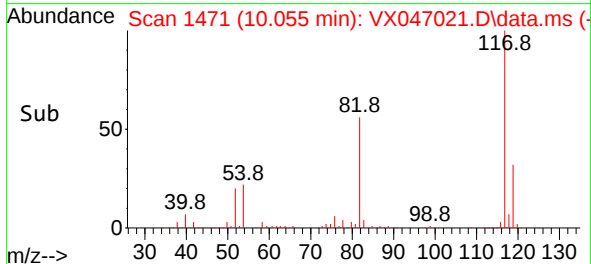
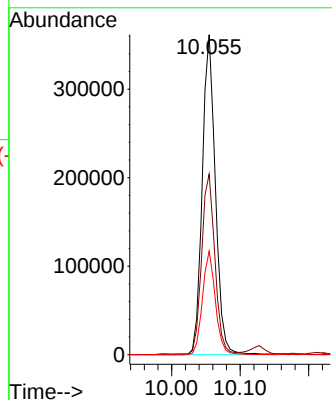
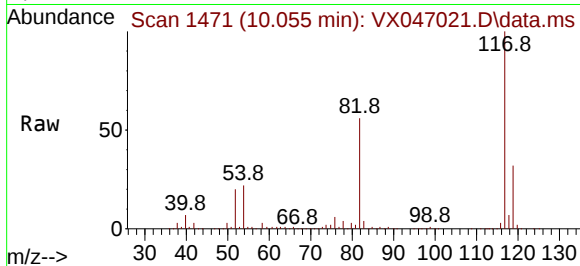




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

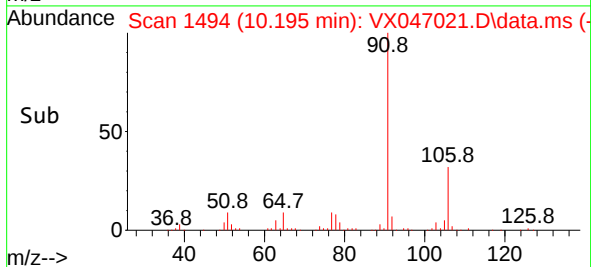
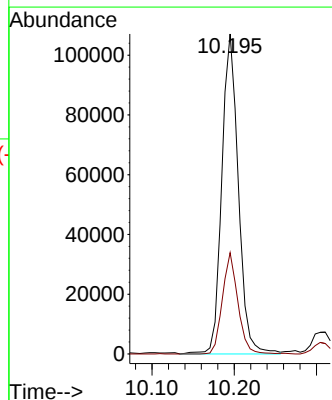
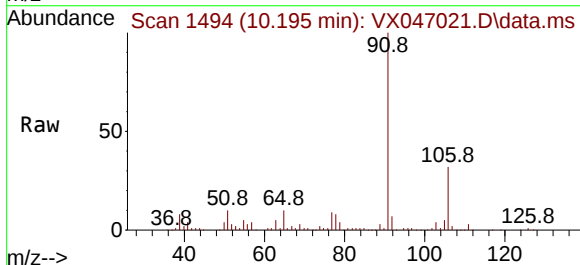
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

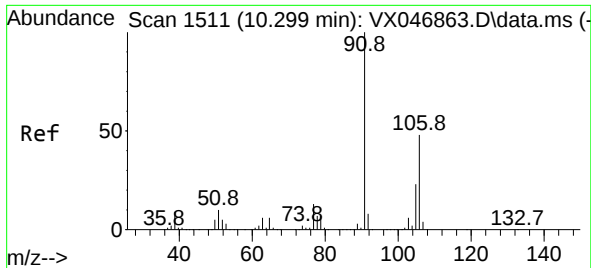
Tgt Ion:117 Resp: 482473
Ion Ratio Lower Upper
117 100
82 56.2 43.3 64.9
119 32.4 26.4 39.6



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

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

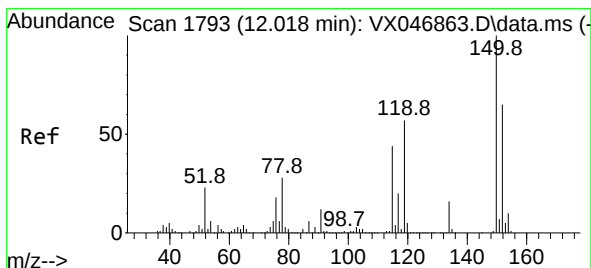
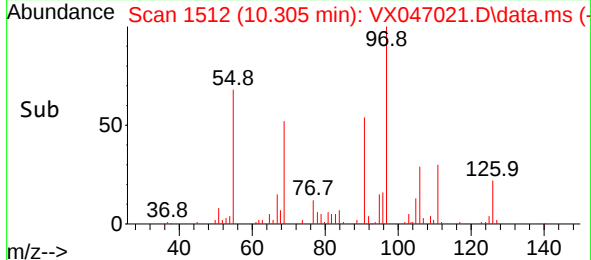
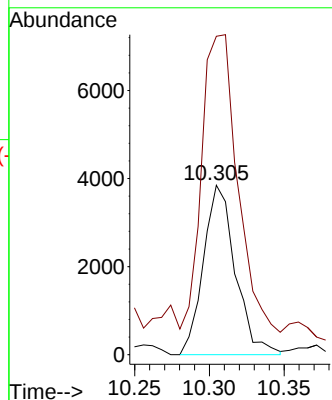
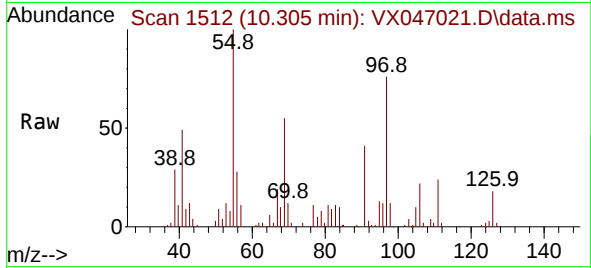




#68
m/p-Xylenes
Concen: 0.850 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

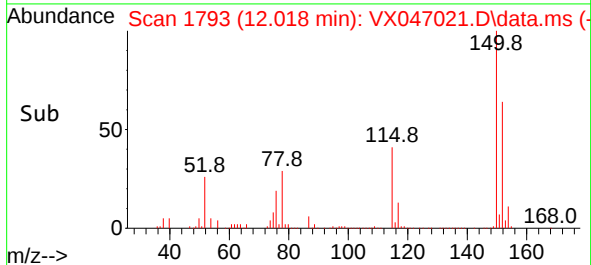
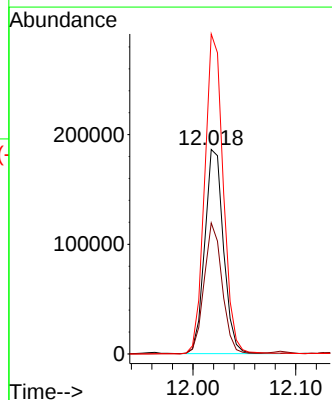
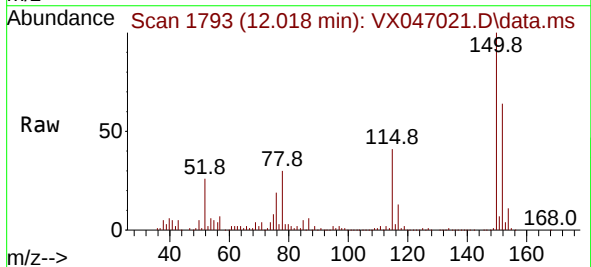
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

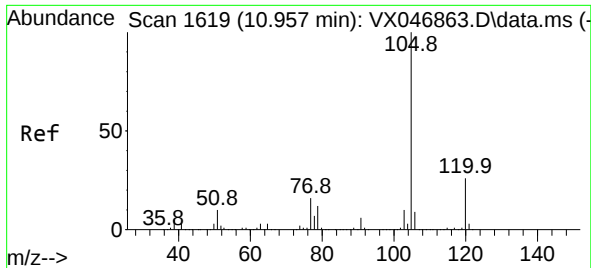
Tgt Ion:106 Resp: 5721
Ion Ratio Lower Upper
106 100
91 210.9 164.6 246.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion:152 Resp: 236691
Ion Ratio Lower Upper
152 100
115 62.1 42.4 127.1
150 155.4 0.0 349.2

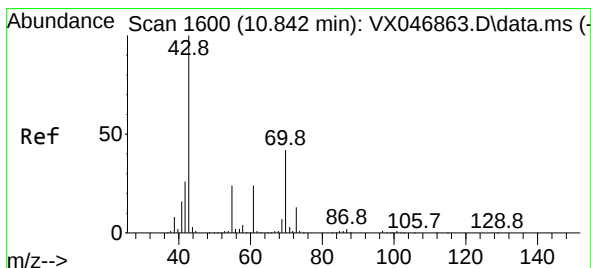
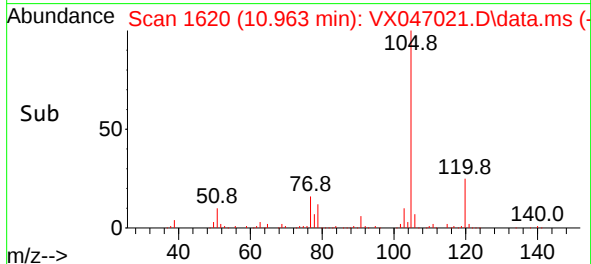
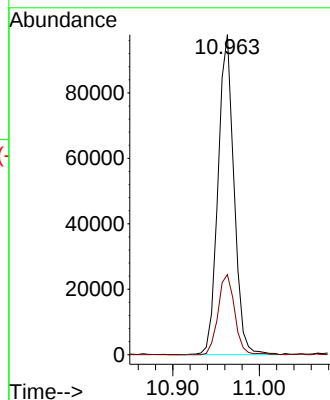
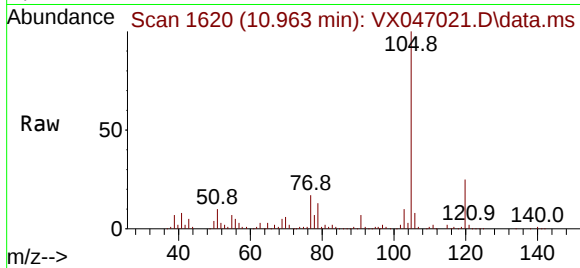




#73
Isopropylbenzene
Concen: 7.520 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

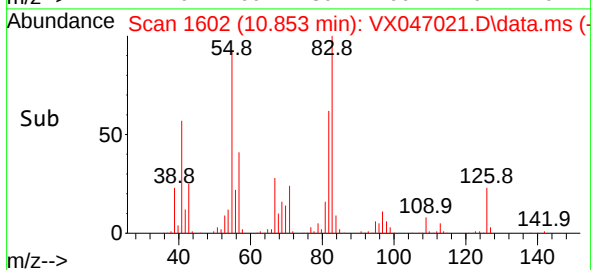
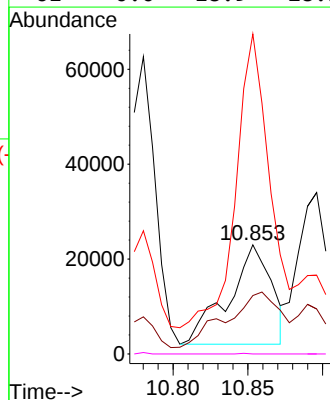
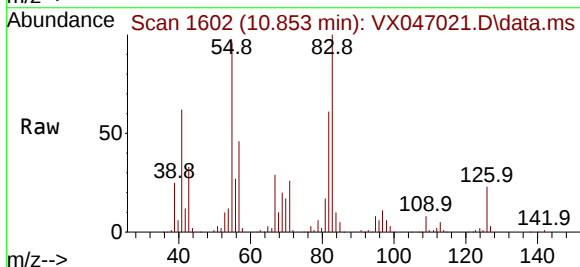
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

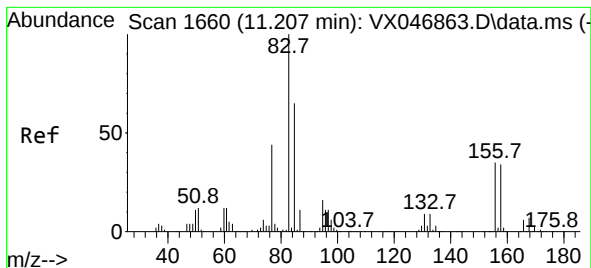
Tgt Ion:105 Resp: 125115
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5



#74
N-ethyl acetate
Concen: 7.437 ug/l
RT: 10.853 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 43 Resp: 42049
Ion Ratio Lower Upper
43 100
70 70.1 33.4 50.2#
55 234.6 19.6 29.4#
61 0.0 18.9 28.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 5.502 ug/l

RT: 11.219 min Scan# 1662

Delta R.T. 0.012 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

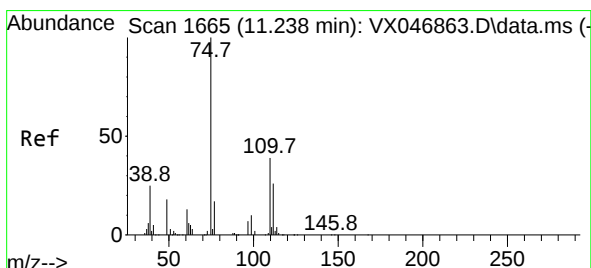
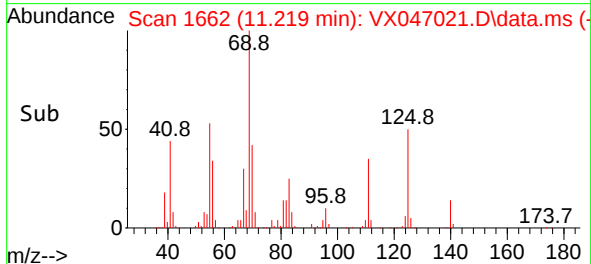
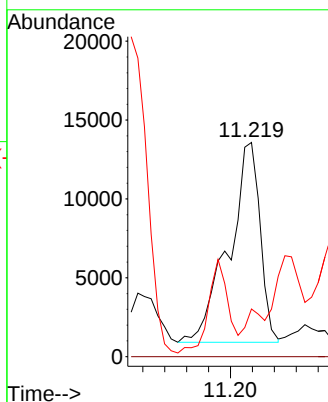
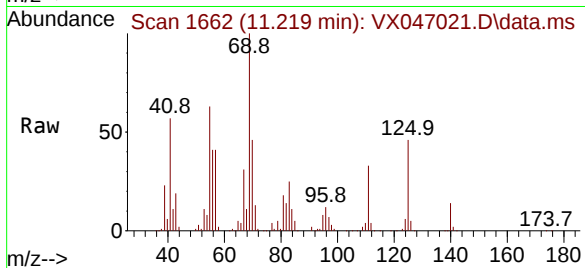
Tgt Ion: 83 Resp: 25171

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: 1.418 ug/l

RT: 11.304 min Scan# 1676

Delta R.T. 0.067 min

Lab File: VX047021.D

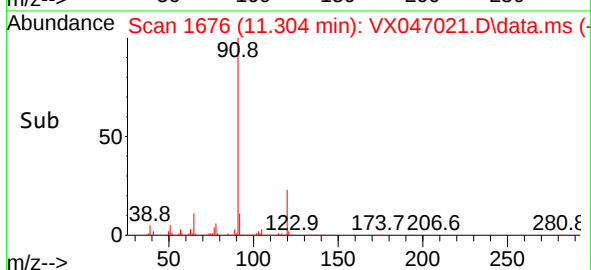
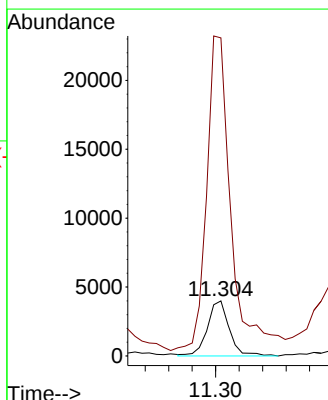
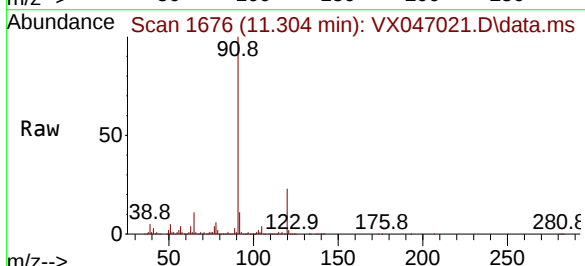
Acq: 16 Jul 2025 11:50

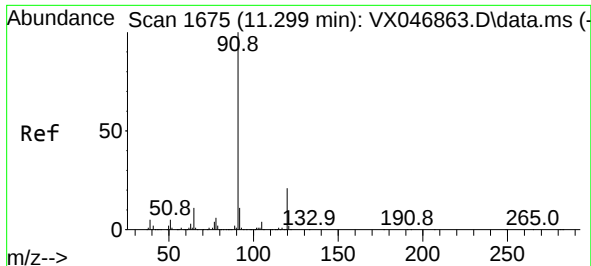
Tgt Ion: 75 Resp: 5185

Ion Ratio Lower Upper

75 100

77 630.1 20.6 61.8#

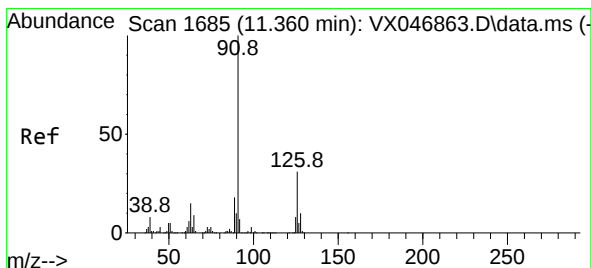
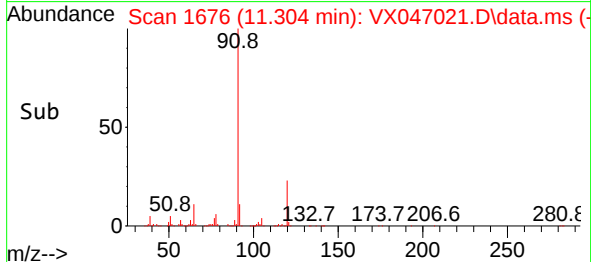
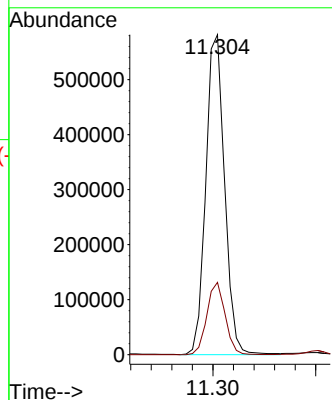
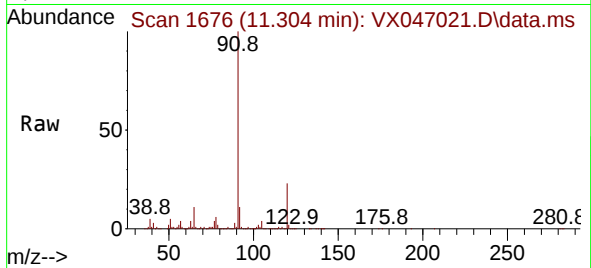




#78
n-propylbenzene
Concen: 36.841 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

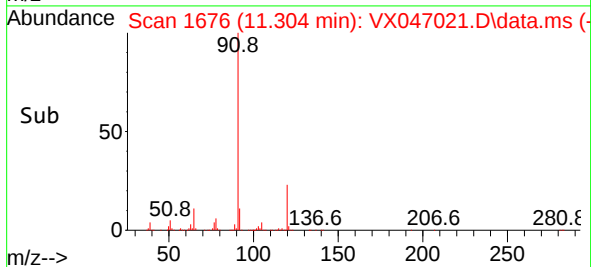
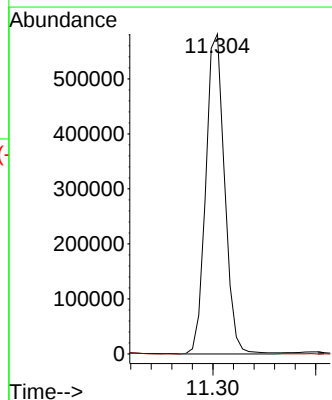
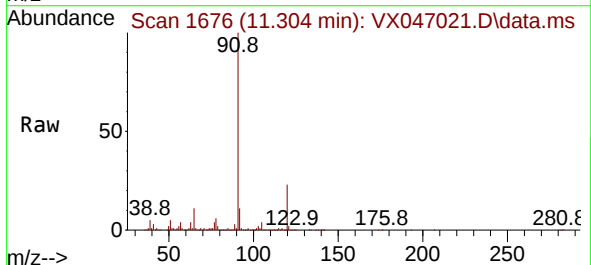
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

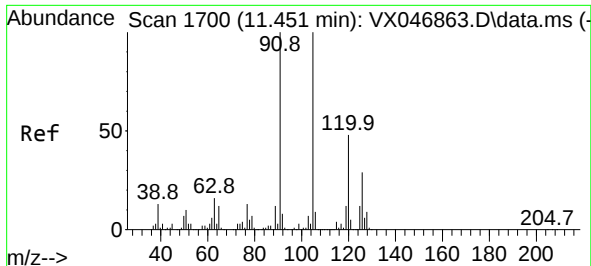
Tgt Ion: 91 Resp: 739135
Ion Ratio Lower Upper
91 100
120 22.0 11.2 33.5



#79
2-Chlorotoluene
Concen: 62.393 ug/l
RT: 11.304 min Scan# 1676
Delta R.T. -0.055 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 91 Resp: 739135
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#

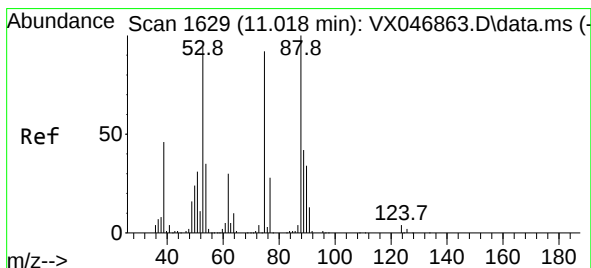
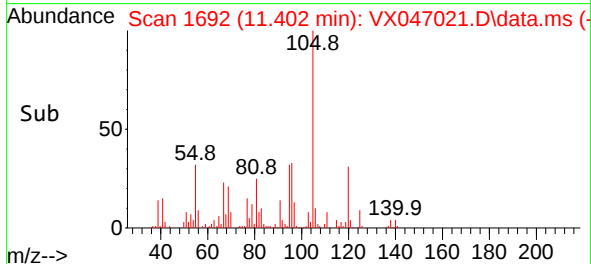
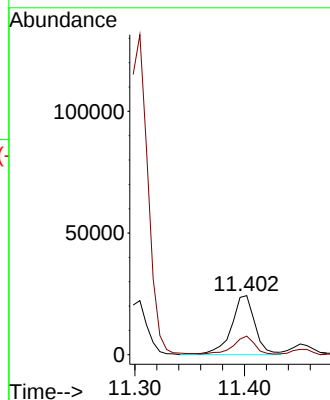
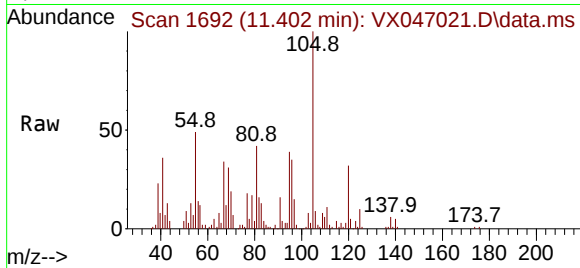




#80
1,3,5-Trimethylbenzene
Concen: 2.686 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.049 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

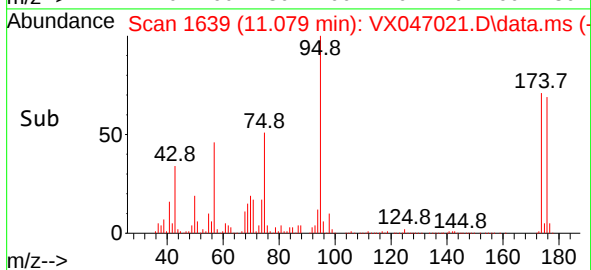
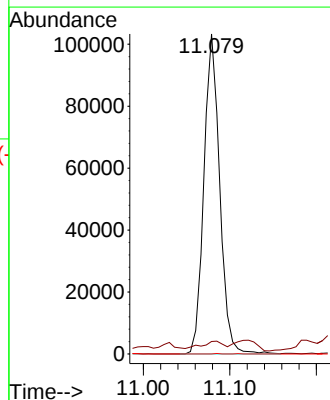
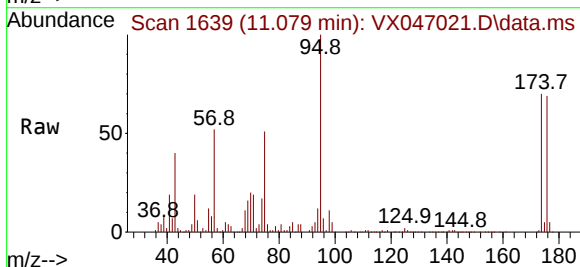
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

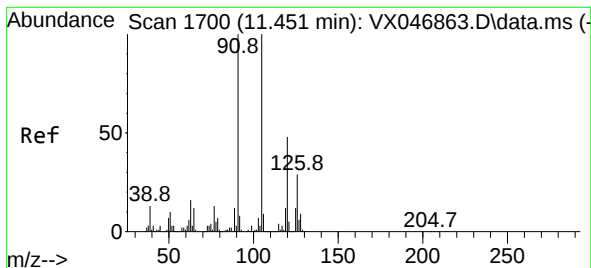
Tgt Ion:105 Resp: 36312
Ion Ratio Lower Upper
105 100
120 27.3 24.1 72.4



#81
trans-1,4-Dichloro-2-butene
Concen: 96.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.060 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 75 Resp: 130981
Ion Ratio Lower Upper
75 100
53 4.0 83.7 125.5#
89 0.0 38.2 57.2#

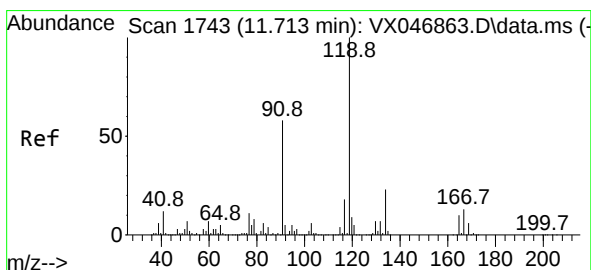
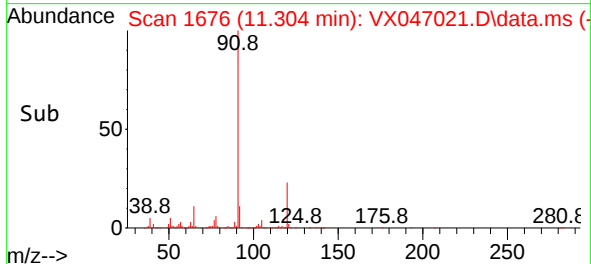
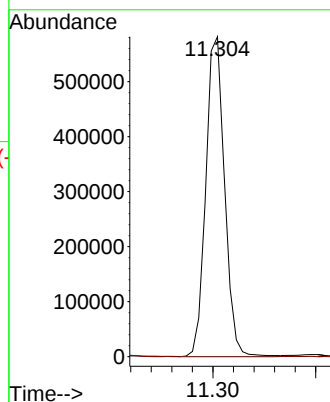
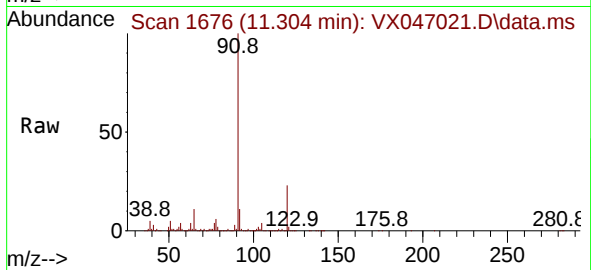




#82
4-Chlorotoluene
Concen: 54.067 ug/l
RT: 11.304 min Scan# 1700
Delta R.T. -0.147 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

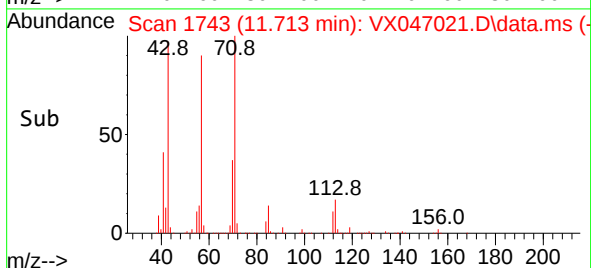
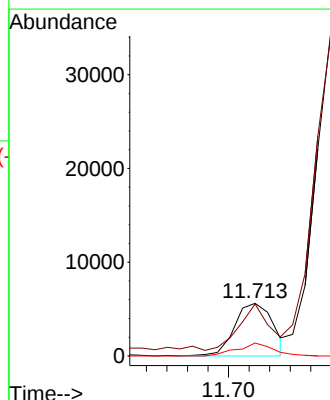
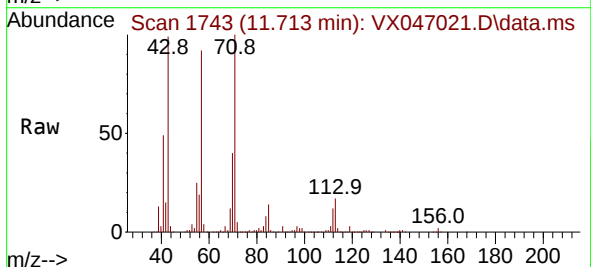
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

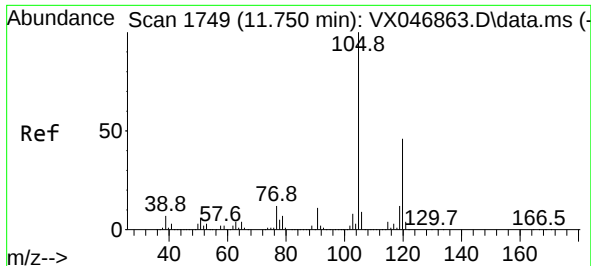
Tgt Ion: 91 Resp: 739135
Ion Ratio Lower Upper
91 100
126 0.0 14.6 44.0#



#83
tert-Butylbenzene
Concen: 0.522 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 119 Resp: 7287
Ion Ratio Lower Upper
119 100
91 70.1 28.7 86.3
134 23.0 11.4 34.2

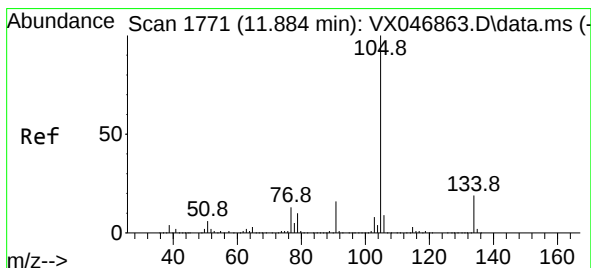
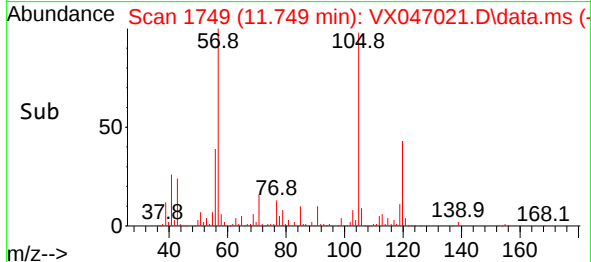
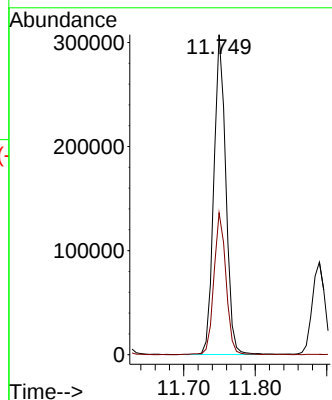
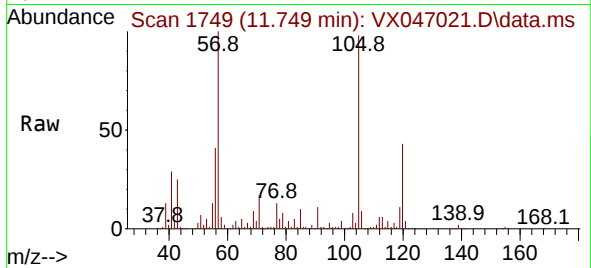




#84
1,2,4-Trimethylbenzene
Concen: 26.161 ug/l
RT: 11.749 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

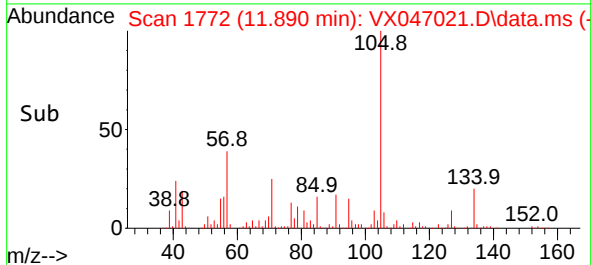
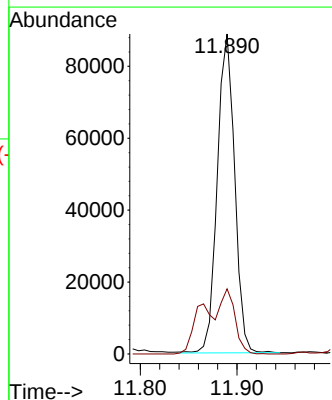
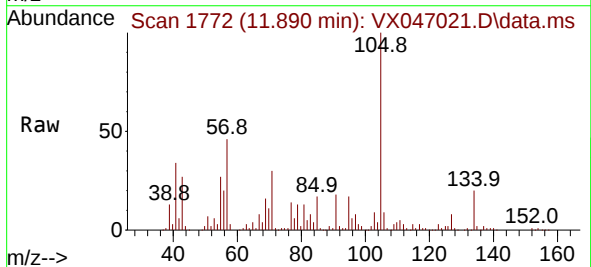
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

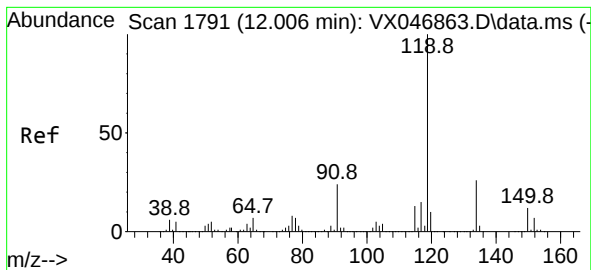
Tgt Ion:105 Resp: 357502
Ion Ratio Lower Upper
105 100
120 44.6 23.3 69.8



#85
sec-Butylbenzene
Concen: 6.281 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.006 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion:105 Resp: 110589
Ion Ratio Lower Upper
105 100
134 17.4 9.9 29.7





#86

p-Isopropyltoluene

Concen: 1.191 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

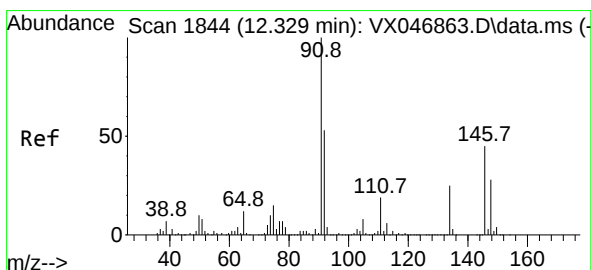
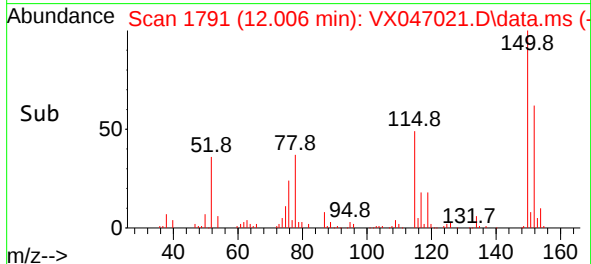
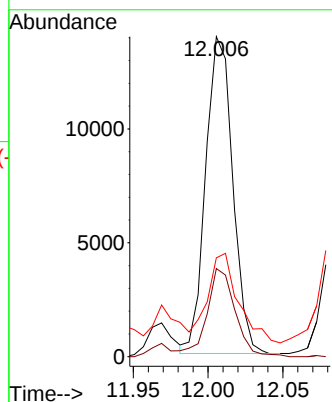
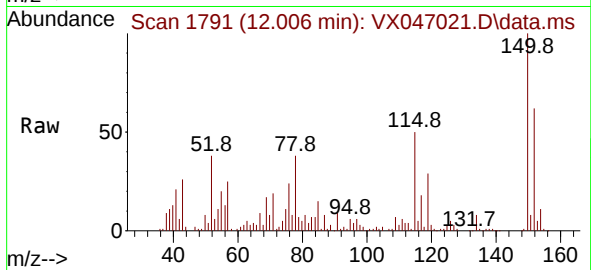
Tgt Ion:119 Resp: 17558

Ion Ratio Lower Upper

119 100

134 28.7 13.0 39.0

91 31.9 12.0 36.1



#89

n-Butylbenzene

Concen: 10.416 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

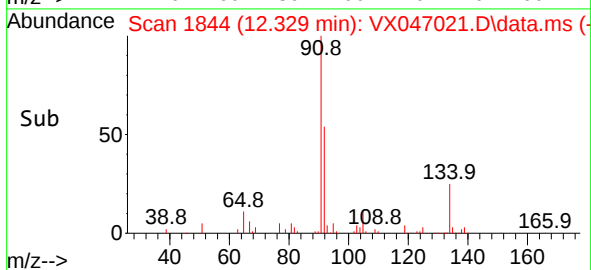
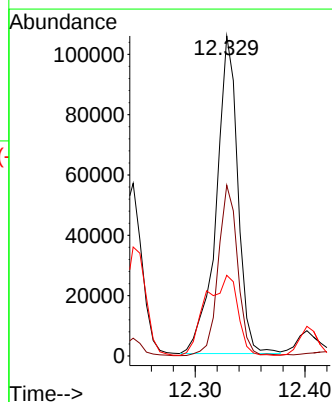
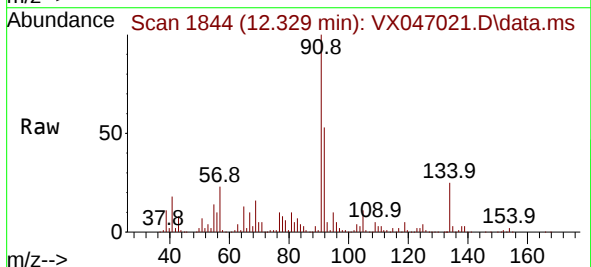
Tgt Ion: 91 Resp: 144285

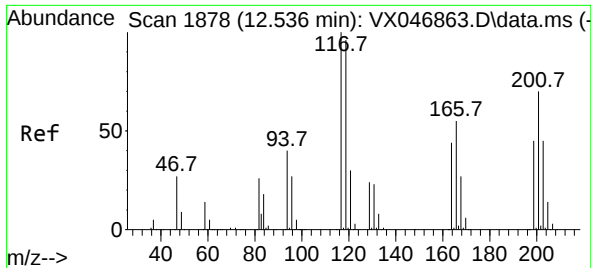
Ion Ratio Lower Upper

91 100

92 48.5 27.0 81.0

134 37.4 12.8 38.4

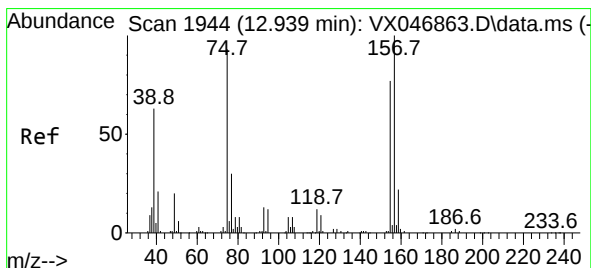
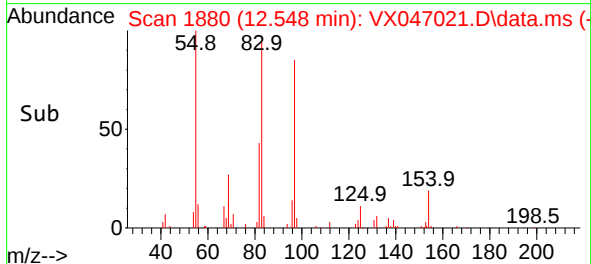
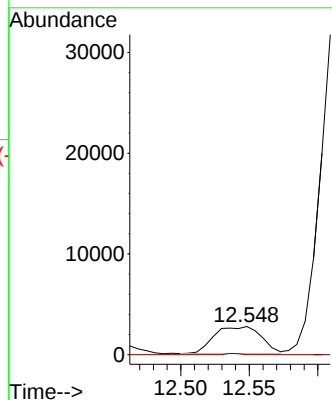
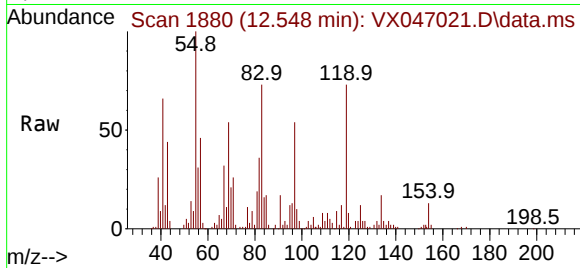




#90
Hexachloroethane
Concen: 2.443 ug/l
RT: 12.548 min Scan# 117
Delta R.T. 0.012 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

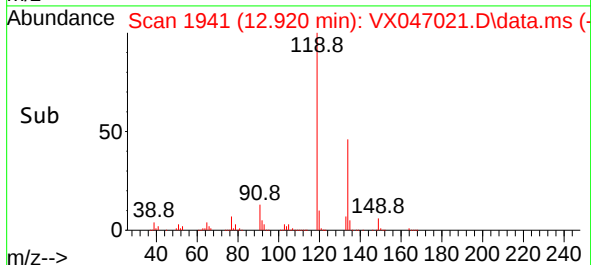
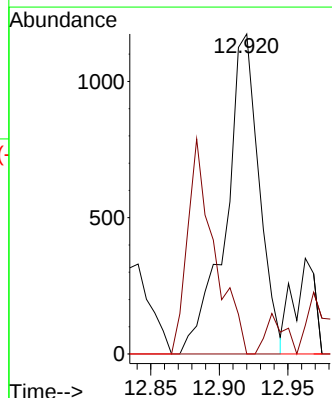
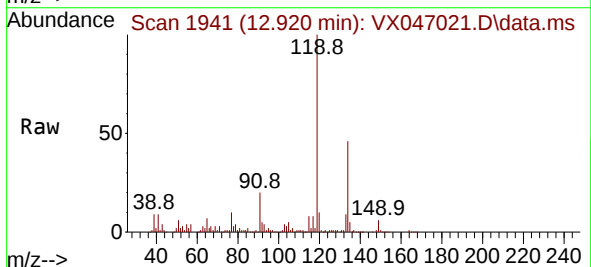
Instrument :
MSVOA_X
ClientSampleId :
END-OF-TRENCHDL

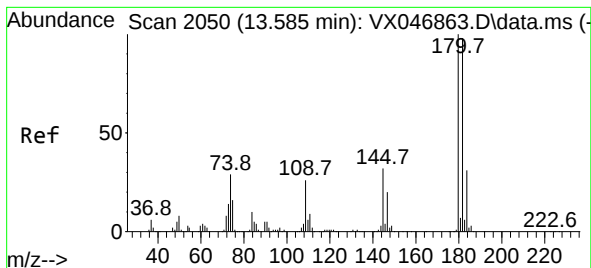
Tgt Ion:117 Resp: 6386
Ion Ratio Lower Upper
117 100
201 1.2 35.8 107.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.487 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.019 min
Lab File: VX047021.D
Acq: 16 Jul 2025 11:50

Tgt Ion: 75 Resp: 1990
Ion Ratio Lower Upper
75 100
155 7.0 43.1 129.4#
157 0.0 56.5 169.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.288 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

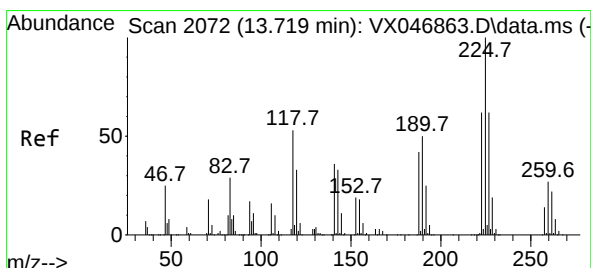
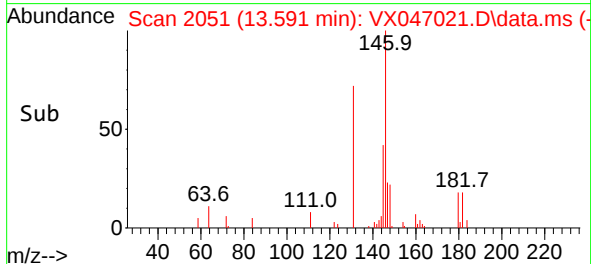
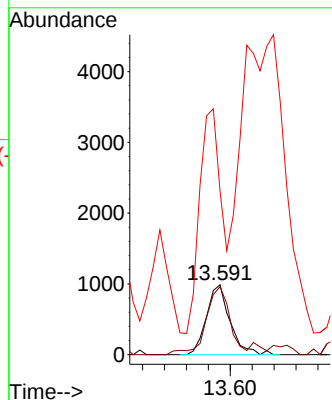
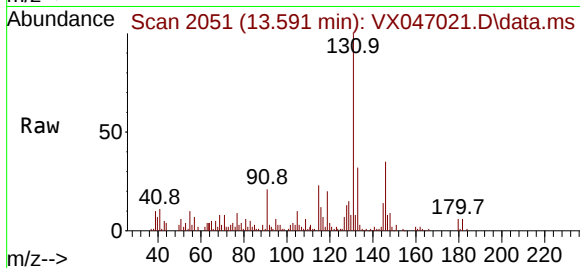
Tgt Ion:180 Resp: 1469

Ion Ratio Lower Upper

180 100

182 97.7 47.3 141.9

145 301.0 16.1 48.2#



#94

Hexachlorobutadiene

Concen: 0.991 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.006 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

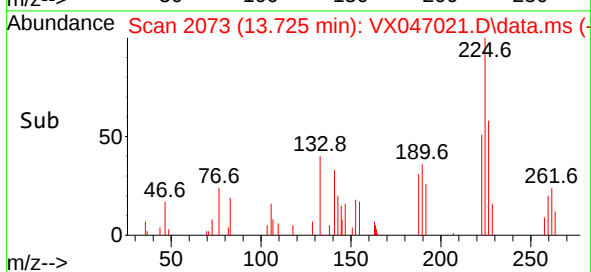
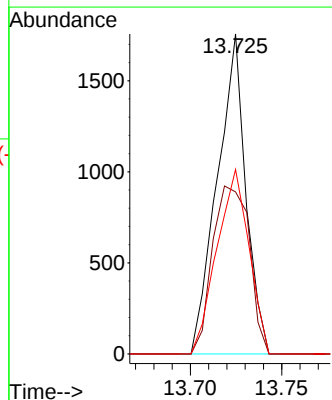
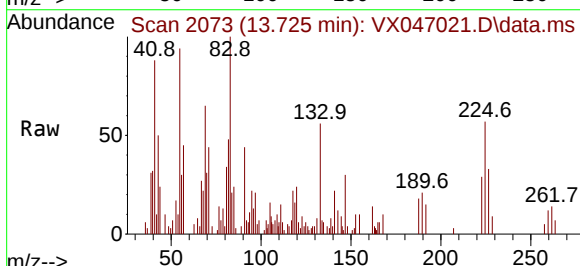
Tgt Ion:225 Resp: 1907

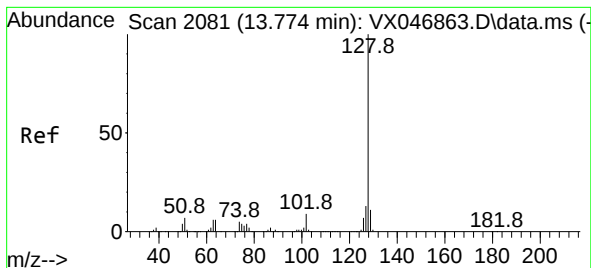
Ion Ratio Lower Upper

225 100

223 67.6 31.6 94.7

227 65.0 31.6 94.7





#95

Naphthalene

Concen: 3.288 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

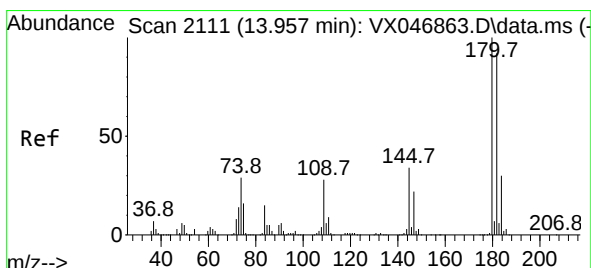
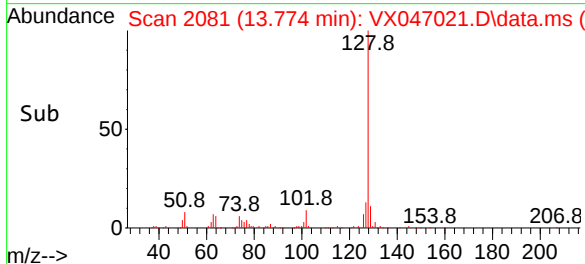
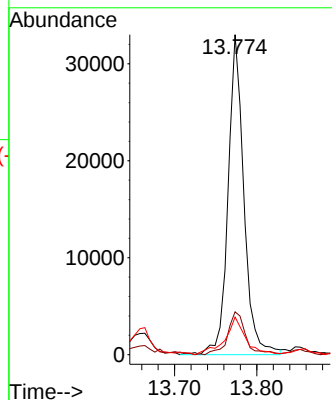
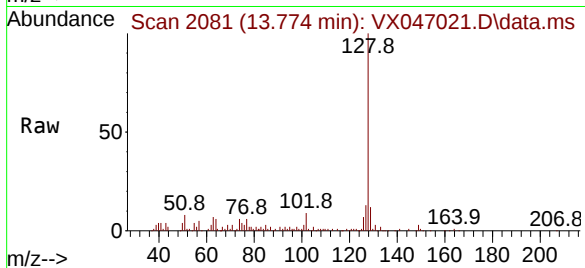
Instrument :

MSVOA_X

ClientSampleId :

END-OF-TRENCHDL

Tgt Ion:	128	Resp:	44207
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.2	15.4
129	15.4	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.326 ug/l

RT: 13.956 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX047021.D

Acq: 16 Jul 2025 11:50

Tgt Ion:	180	Resp:	1570
Ion	Ratio	Lower	Upper
180	100		
182	75.7	46.7	140.1
145	240.4	16.8	50.3

