

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052225\
 Data File : VY022388.D
 Acq On : 22 May 2025 12:11
 Operator : SY/MD
 Sample : Q2104-01
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-052125RE

Quant Time: May 23 03:35:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	7444	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	11850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	9162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	2096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	3455	42.468	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.940%
35) Dibromofluoromethane	7.646	113	2050	28.984	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.960%
50) Toluene-d8	10.109	98	13844	47.792	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.408	95	2941	32.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	64.060%

Target Compounds						Qvalue
3) Chloromethane	2.068	50	563	3.446	ug/l	# 85
5) Bromomethane	2.617	94	315	2.120	ug/l	85
10) Methyl Iodide	4.019	142	189	2.035	ug/l	# 40
11) Tert butyl alcohol	4.616	59	20	3.219	ug/l	# 100
13) Acrolein	3.501	56	19	2.092	ug/l	# 1
14) Allyl chloride	4.354	41	181	1.296	ug/l	# 48
15) Acrylonitrile	5.189	53	40	2.189	ug/l	# 17
16) Acetone	3.879	43	103	6.752	ug/l	# 45
18) Methyl Acetate	4.379	43	93	1.934	ug/l	# 53
25) 2-Butanone	6.903	43	117	4.585	ug/l	# 47
29) Tetrahydrofuran	7.262	42	25	1.523	ug/l	# 35
36) 1,1-Dichloropropene	7.713	75	792	6.798	ug/l	# 51
38) Carbon Tetrachloride	7.713	117	756	6.269	ug/l	# 13
39) Methylcyclohexane	9.103	83	211	1.348	ug/l	# 18
41) Methacrylonitrile	7.220	41	125	3.362	ug/l	# 80
43) Isopropyl Acetate	8.213	43	173	1.415	ug/l	# 62
46) Dibromomethane	9.372	93	182	4.053	ug/l	87
48) Methyl methacrylate	9.207	41	101	1.767	ug/l	# 47
51) 4-Methyl-2-Pentanone	10.012	43	110	1.834	ug/l	# 38
52) Toluene	10.189	92	883	4.038	ug/l	# 1
55) 1,1,2-Trichloroethane	10.585	97	432	7.512	ug/l	# 32
56) Ethyl methacrylate	10.451	69	219	2.445	ug/l	# 1
59) 2-Hexanone	10.567	43	128	3.183	ug/l	77
61) 1,2-Dibromoethane	10.987	107	141	2.631	ug/l	97
64) Tetrachloroethene	10.628	164	229	2.704	ug/l	# 43
66) 1,1,1,2-Tetrachloroethane	11.310	131	446	6.276	ug/l	87
69) o-Xylene	11.957	106	484	3.507	ug/l	58
70) Styrene	11.987	104	257	1.104	ug/l	# 25
71) Bromoform	12.115	173	110	2.868	ug/l	# 1
73) Isopropylbenzene	12.085	105	393	2.263	ug/l	98
74) N-amyl acetate	12.054	43	650	13.088	ug/l	# 1
75) 1,1,2,2-Tetrachloroethane	12.511	83	1097	41.079	ug/l	# 39
76) 1,2,3-Trichloropropane	12.609	75	113	5.321	ug/l	# 100
77) Bromobenzene	12.639	156	4687	126.379	ug/l	# 1
78) n-propylbenzene	12.438	91	506	2.416	ug/l	92
79) 2-Chlorotoluene	12.767	91	530	4.605	ug/l	90

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

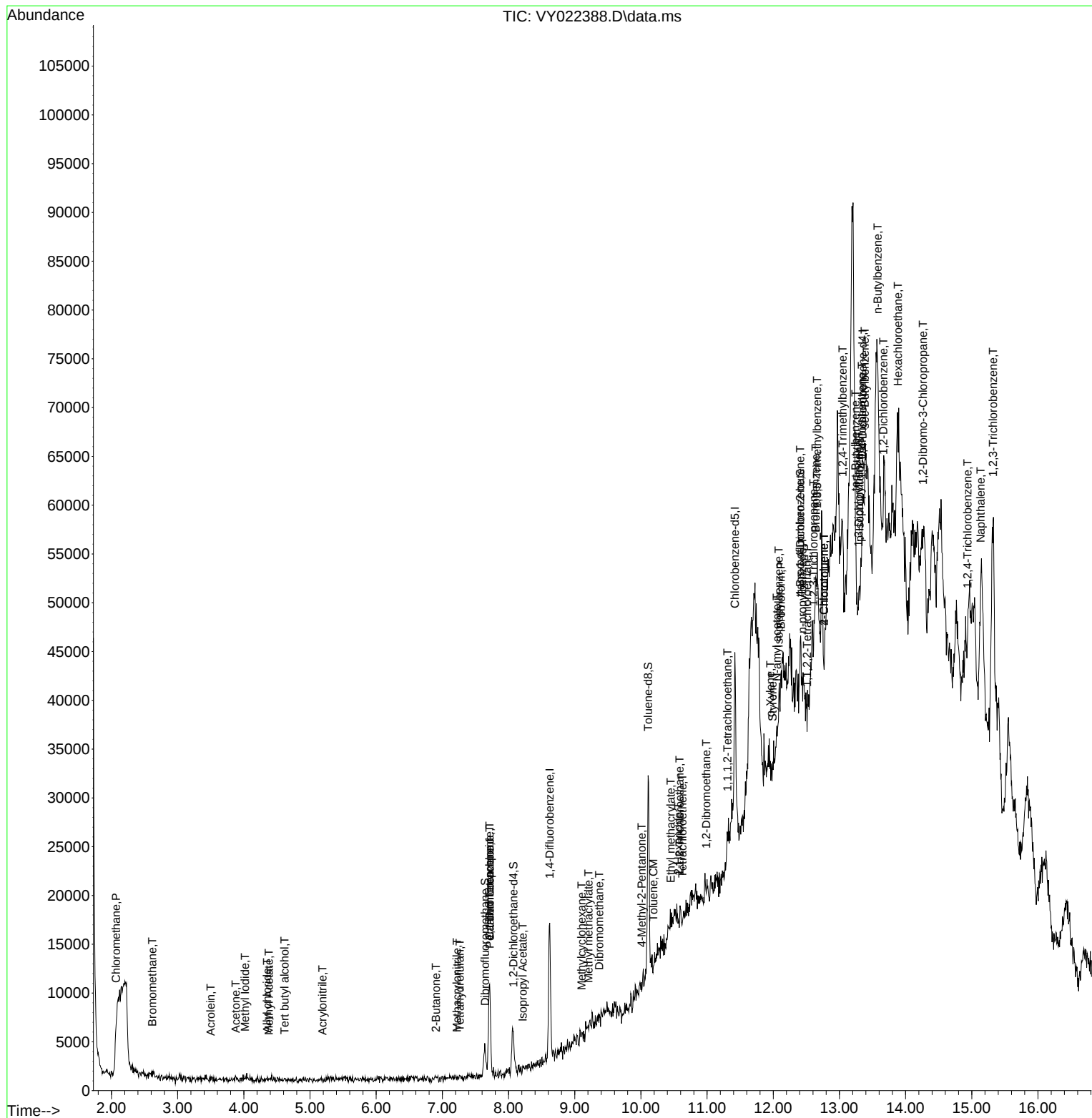
80) 1,3,5-Trimethylbenzene	12.664	105	2432	17.350	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.408	75	1618	154.354	ug/l #	20
82) 4-Chlorotoluene	12.767	91	530	4.477	ug/l	90
83) tert-Butylbenzene	13.243	119	1071	8.596	ug/l	71
84) 1,2,4-Trimethylbenzene	13.048	105	2153	15.473	ug/l	72
85) sec-Butylbenzene	13.383	105	1805	9.760	ug/l	93
86) p-Isopropyltoluene	13.304	119	822	5.285	ug/l #	60
87) 1,3-Dichlorobenzene	13.292	146	158	2.087	ug/l #	1
88) 1,4-Dichlorobenzene	13.340	146	320	4.394	ug/l #	8
89) n-Butylbenzene	13.578	91	556	3.778	ug/l #	1
90) Hexachloroethane	13.883	117	448	14.268	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	181	2.846	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.261	75	106	24.615	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.938	180	94	2.559	ug/l #	34
95) Naphthalene	15.133	128	211	3.027	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.322	180	85	2.728	ug/l #	13

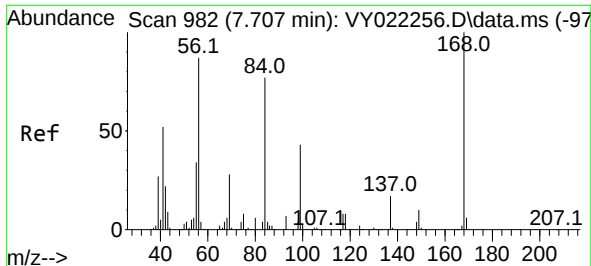
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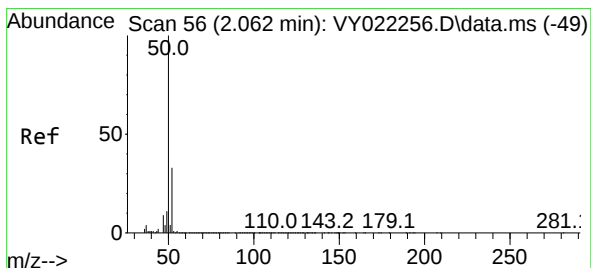
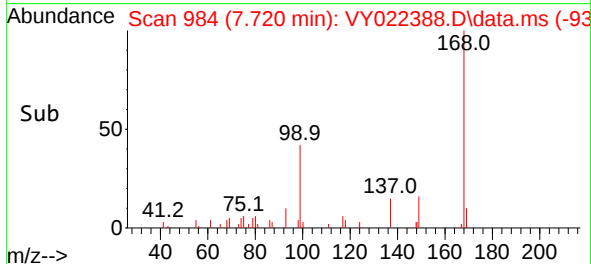
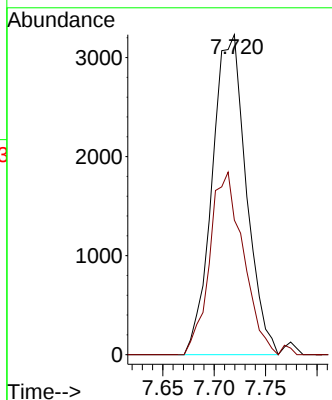
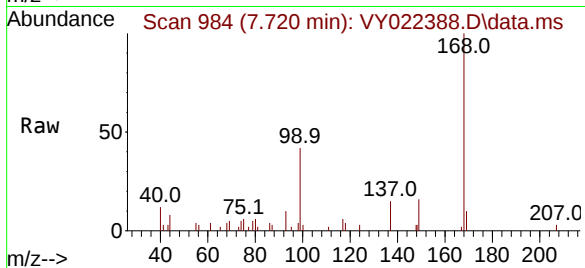




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

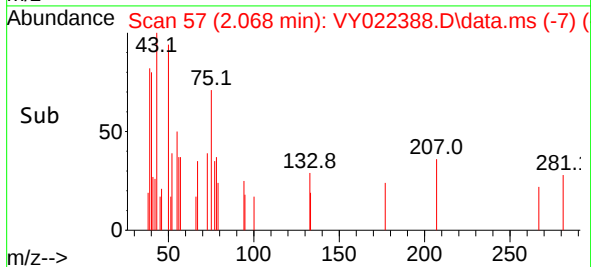
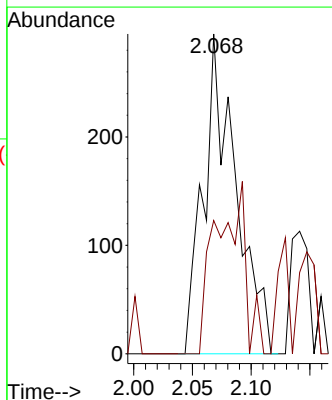
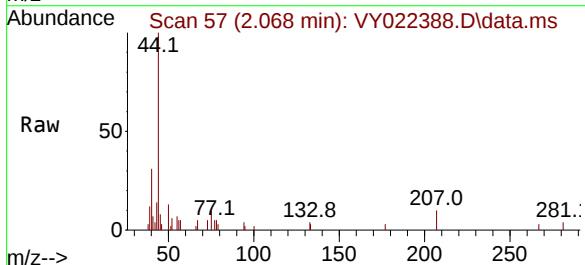
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

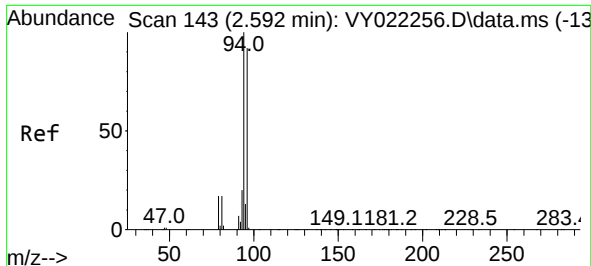
Tgt Ion:168 Resp: 7444
Ion Ratio Lower Upper
168 100
99 42.1 44.2 66.4#



#3
Chloromethane
Concen: 3.446 ug/l
RT: 2.068 min Scan# 57
Delta R.T. 0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 50 Resp: 563
Ion Ratio Lower Upper
50 100
52 41.7 26.5 39.7#

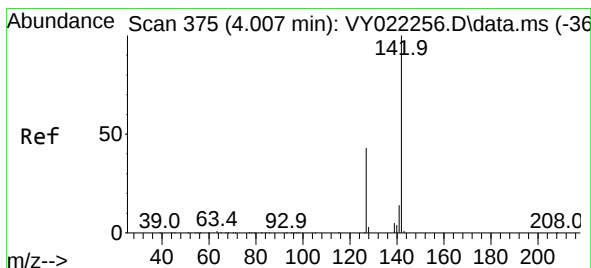
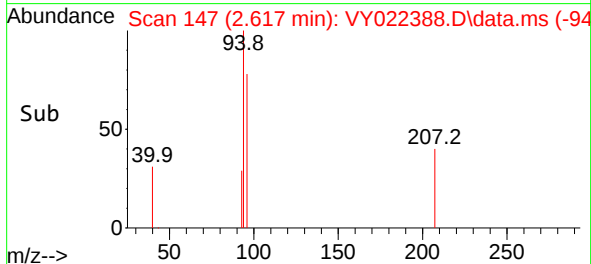
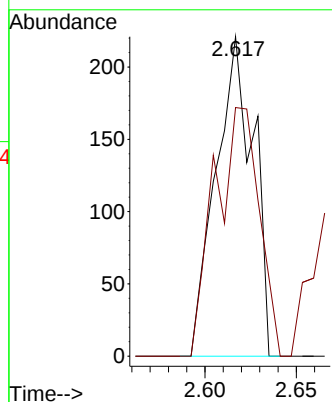
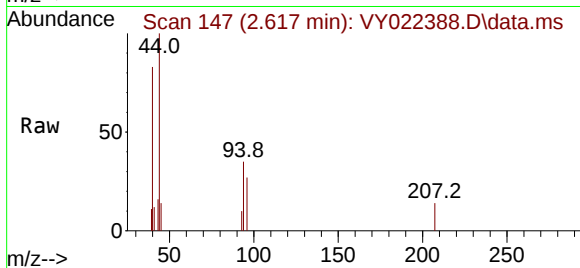




#5
Bromomethane
Concen: 2.120 ug/l
RT: 2.617 min Scan# 143
Delta R.T. 0.024 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

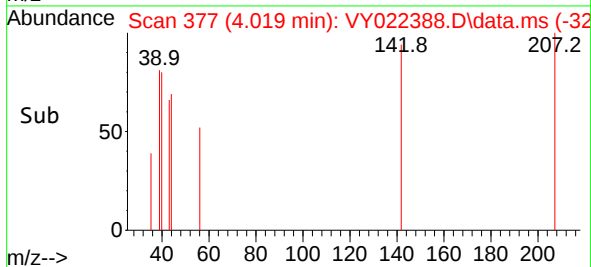
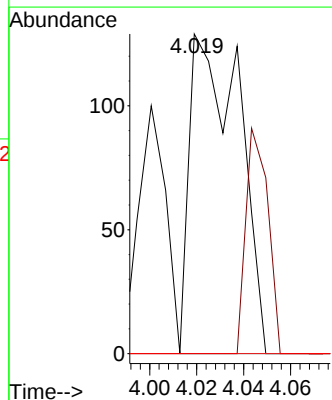
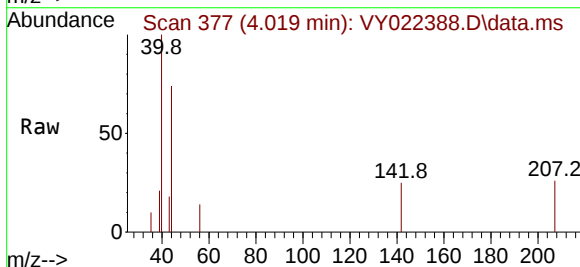
Instrument :
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ClientSampleId :
TR-06-052125RE

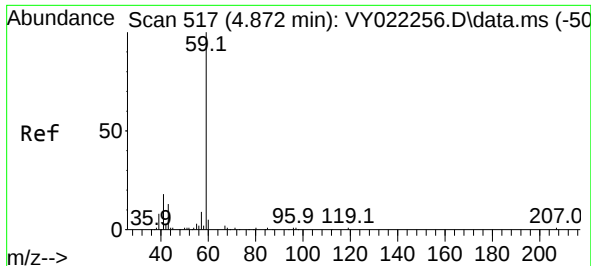
Tgt Ion: 94 Resp: 315
Ion Ratio Lower Upper
94 100
96 77.8 73.4 110.0



#10
Methyl Iodide
Concen: 2.035 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 142 Resp: 189
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 11.1 16.7#





#11

Tert butyl alcohol

Concen: 3.219 ug/l

RT: 4.616 min Scan# 41

Delta R.T. -0.256 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

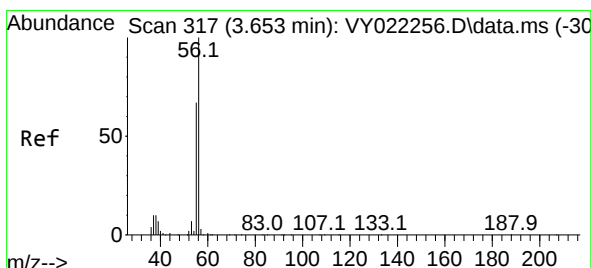
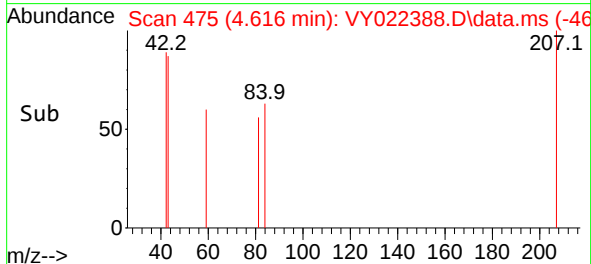
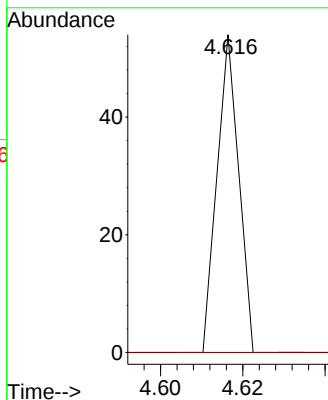
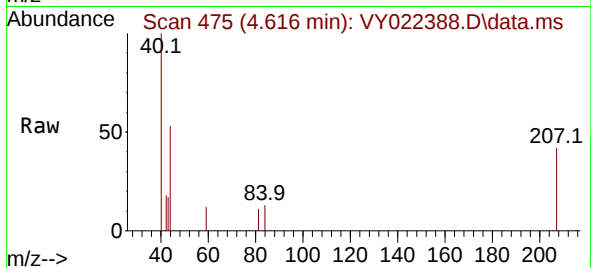
TR-06-052125RE

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 0.0 0.0



#13

Acrolein

Concen: 2.092 ug/l

RT: 3.501 min Scan# 292

Delta R.T. -0.152 min

Lab File: VY022388.D

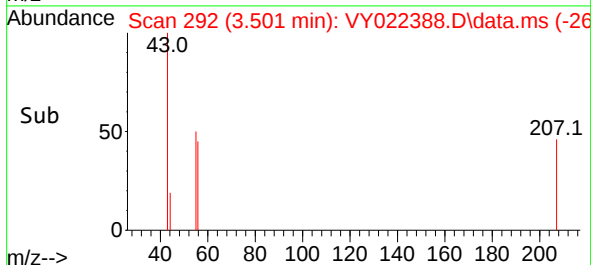
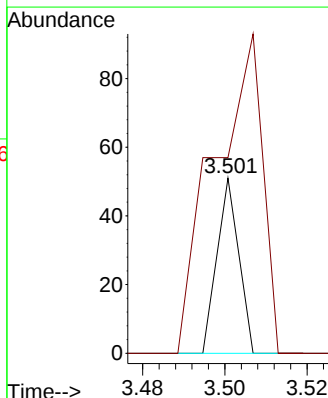
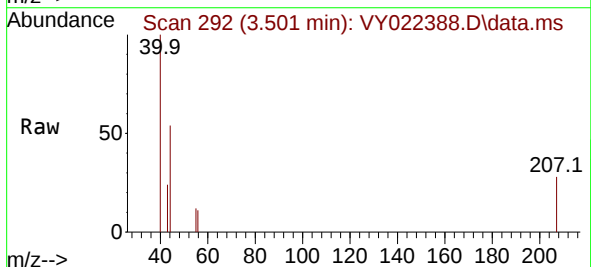
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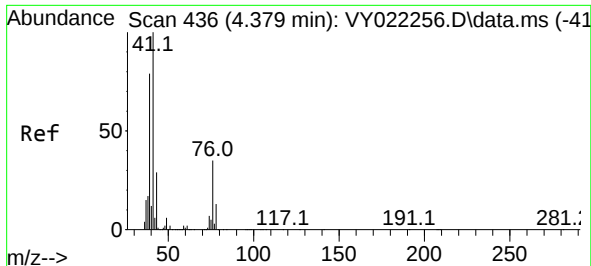
Tgt Ion: 56 Resp: 19

Ion Ratio Lower Upper

56 100

55 400.0 55.6 83.4#

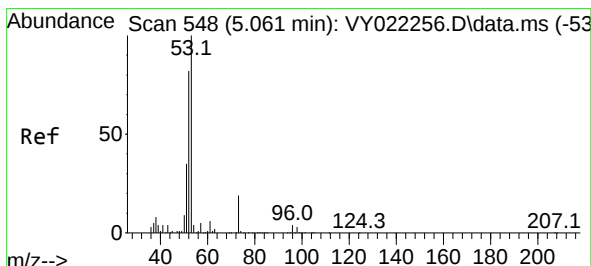
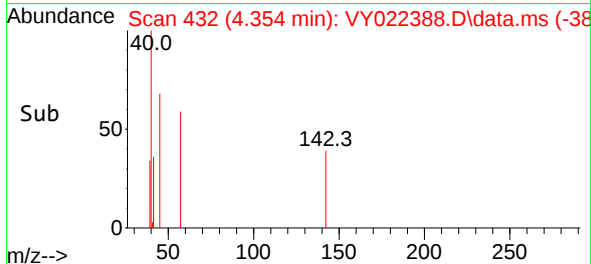
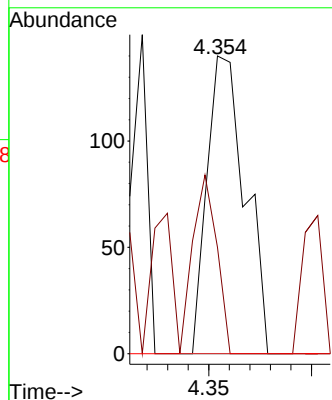
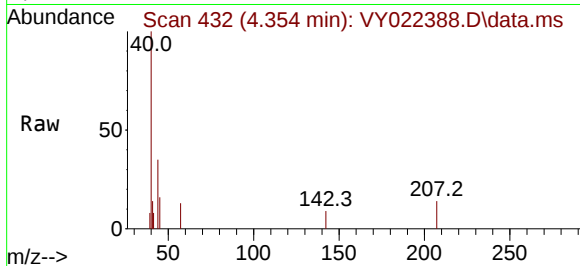




#14
 Allyl chloride
 Concen: 1.296 ug/l
 RT: 4.354 min Scan# 41
 Delta R.T. -0.024 min
 Lab File: VY022388.D
 Acq: 22 May 2025 12:11

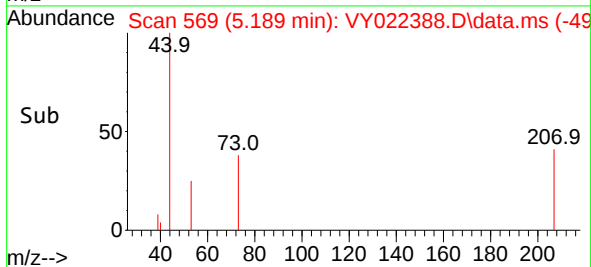
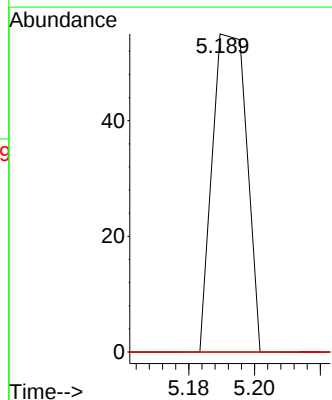
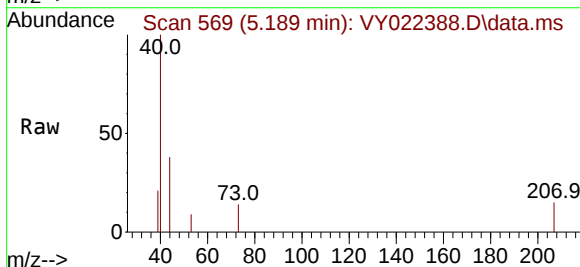
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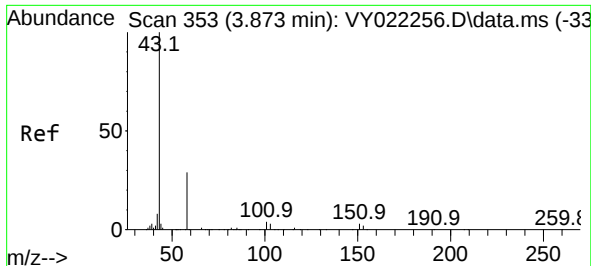
Tgt Ion: 41 Resp: 181
 Ion Ratio Lower Upper
 41 100
 39 37.6 63.4 95.0#
 76 0.0 29.5 44.3#



#15
 Acrylonitrile
 Concen: 2.189 ug/l
 RT: 5.189 min Scan# 569
 Delta R.T. 0.128 min
 Lab File: VY022388.D
 Acq: 22 May 2025 12:11

Tgt Ion: 53 Resp: 40
 Ion Ratio Lower Upper
 53 100
 52 0.0 66.1 99.1#
 51 0.0 30.0 45.0#

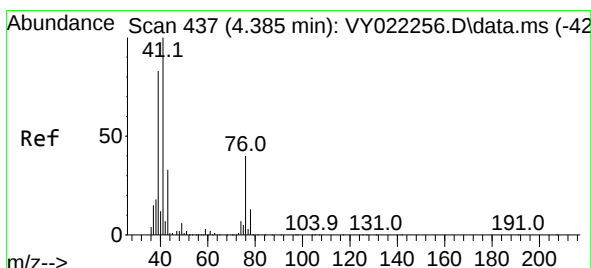
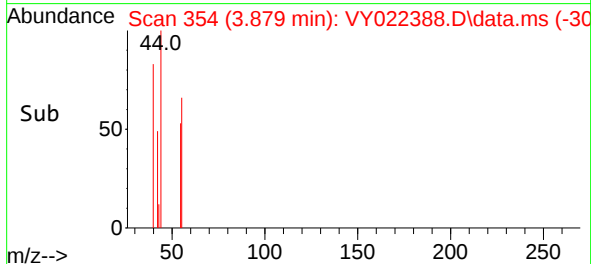
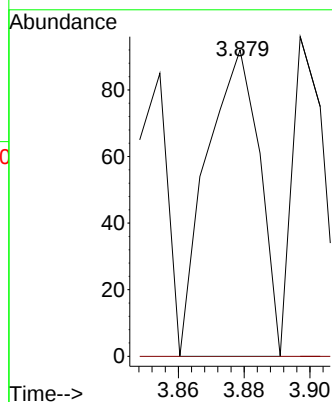
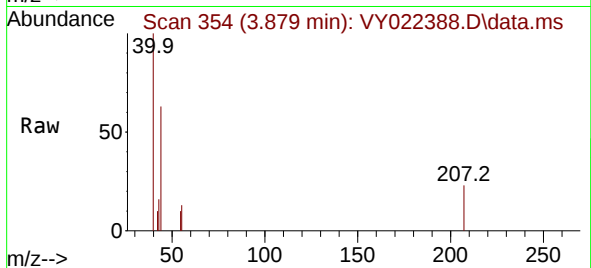




#16
Acetone
Concen: 6.752 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY022388.D
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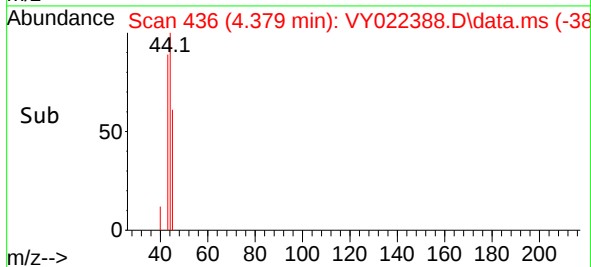
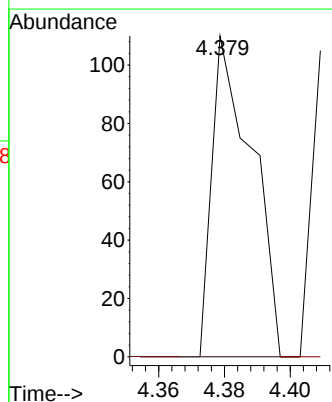
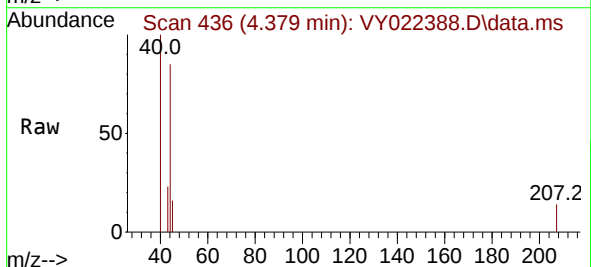
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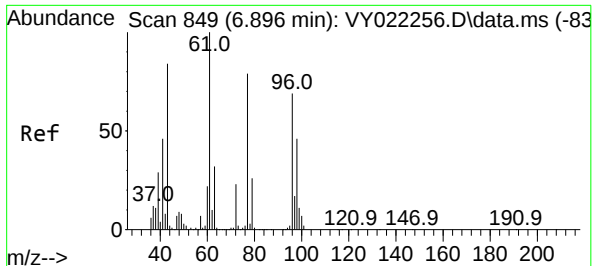
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
58 0.0 23.6 35.4#



#18
Methyl Acetate
Concen: 1.934 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 43 Resp: 93
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#





#25

2-Butanone

Concen: 4.585 ug/l

RT: 6.903 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

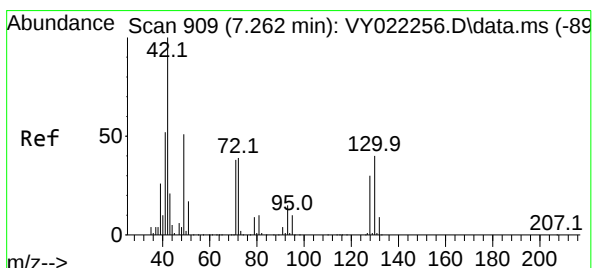
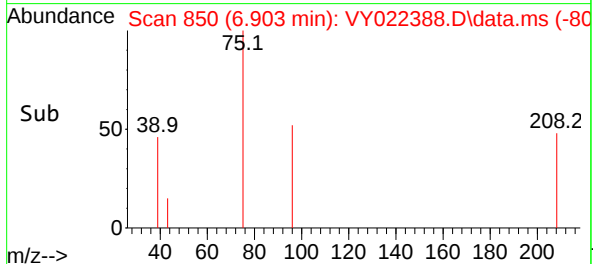
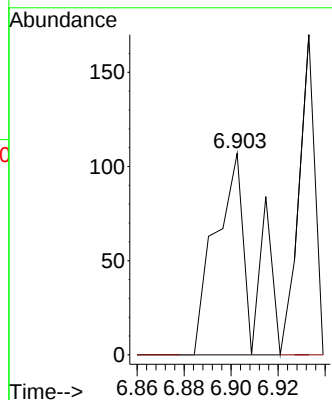
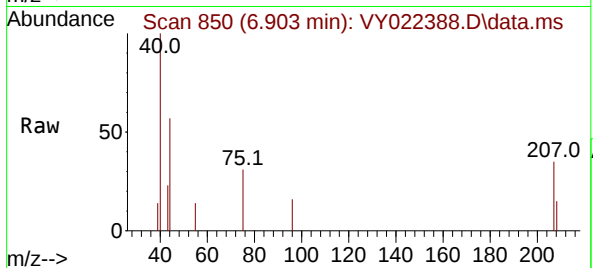
TR-06-052125RE

Tgt Ion: 43 Resp: 117

Ion Ratio Lower Upper

43 100

72 0.0 22.1 33.1#



#29

Tetrahydrofuran

Concen: 1.523 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

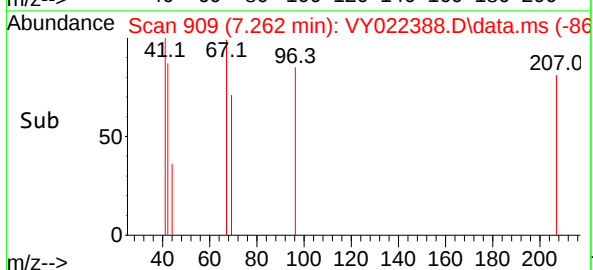
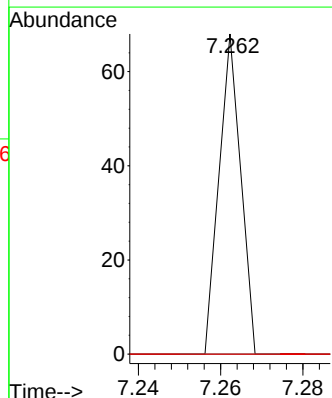
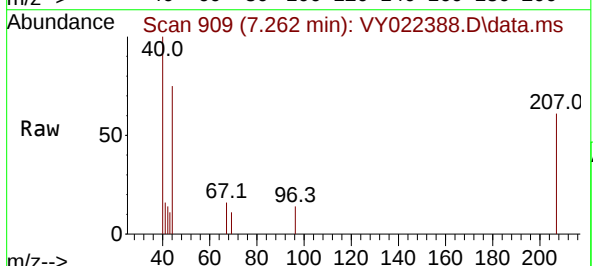
Tgt Ion: 42 Resp: 25

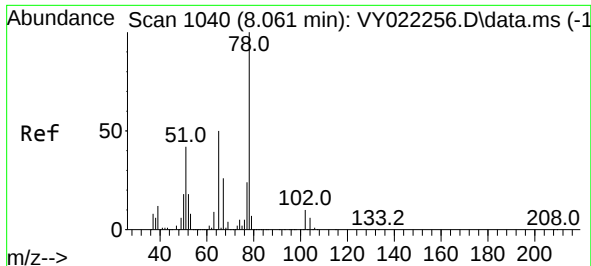
Ion Ratio Lower Upper

42 100

72 0.0 33.8 50.6#

71 0.0 31.5 47.3#





#33

1,2-Dichloroethane-d4

Concen: 42.468 ug/l

RT: 8.073 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

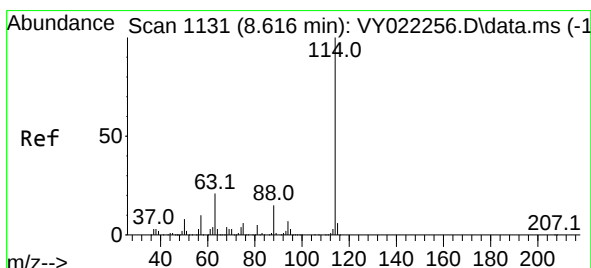
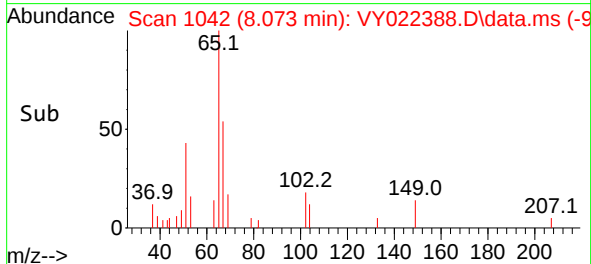
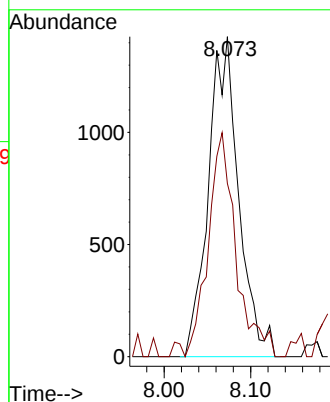
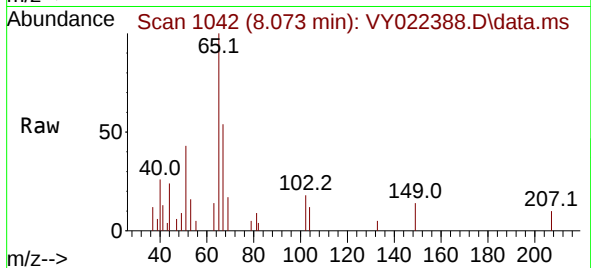
TR-06-052125RE

Tgt Ion: 65 Resp: 3455

Ion Ratio Lower Upper

65 100

67 64.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

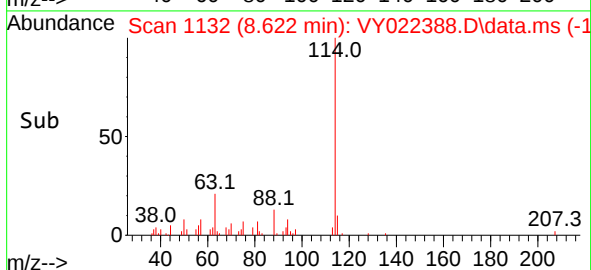
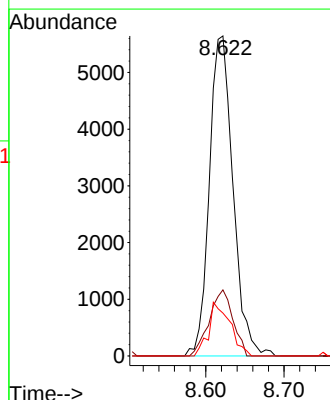
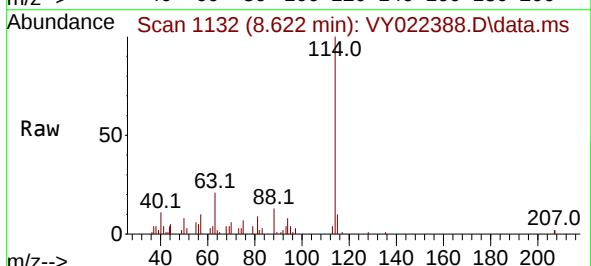
Tgt Ion:114 Resp: 11850

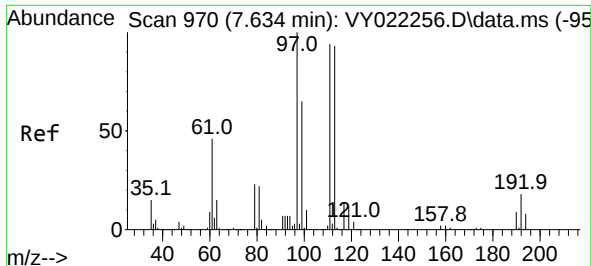
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 13.4 0.0 29.4





#35

Dibromofluoromethane

Concen: 28.984 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-052125RE

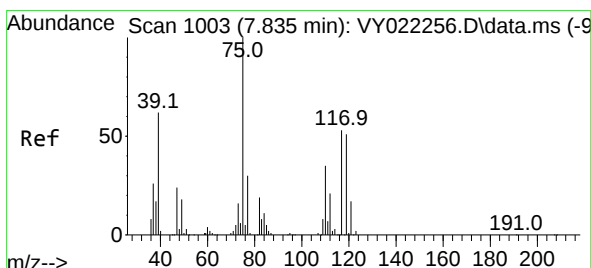
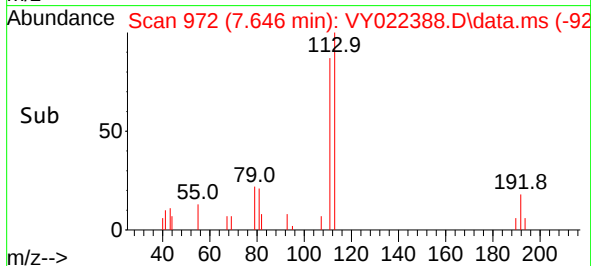
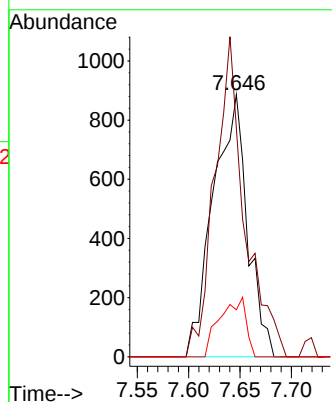
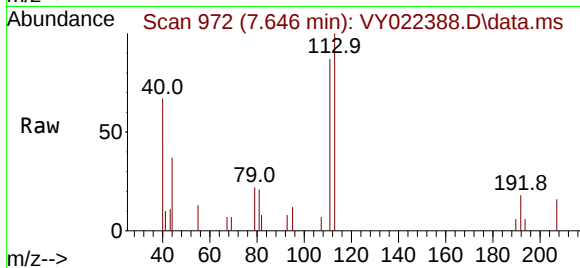
Tgt Ion:113 Resp: 2050

Ion Ratio Lower Upper

113 100

111 106.5 82.6 123.8

192 17.3 15.2 22.8



#36

1,1-Dichloropropene

Concen: 6.798 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.122 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

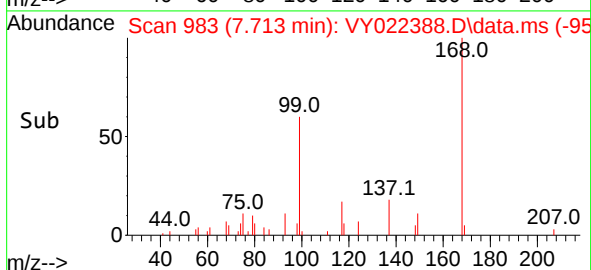
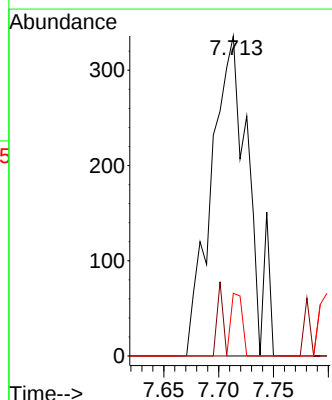
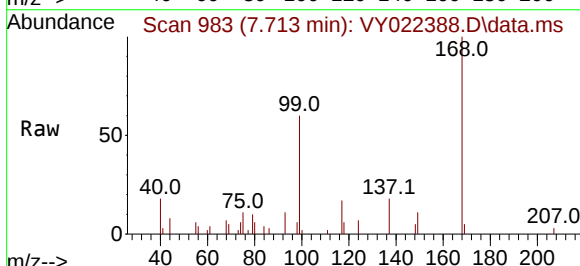
Tgt Ion: 75 Resp: 792

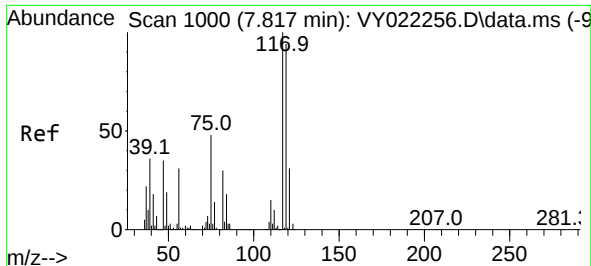
Ion Ratio Lower Upper

75 100

110 3.7 16.6 49.8#

77 5.9 24.6 37.0#

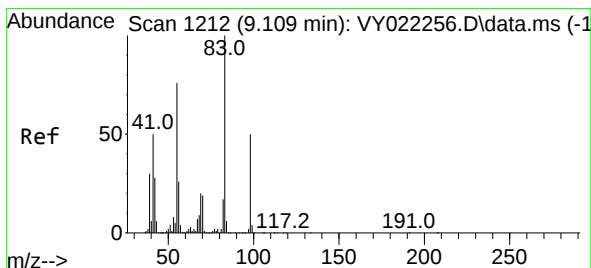
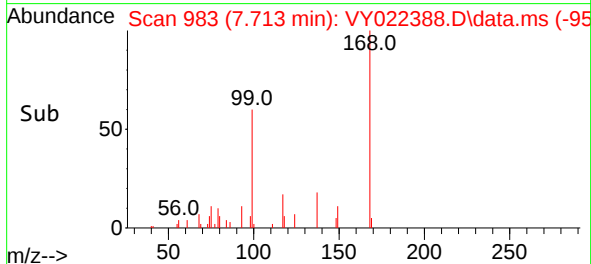
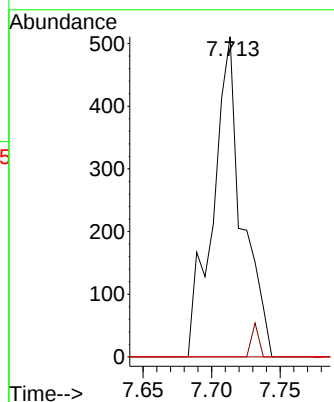
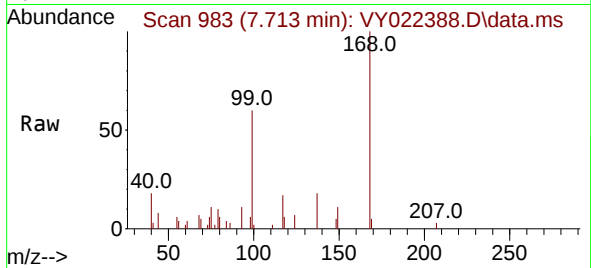




#38
Carbon Tetrachloride
Concen: 6.269 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

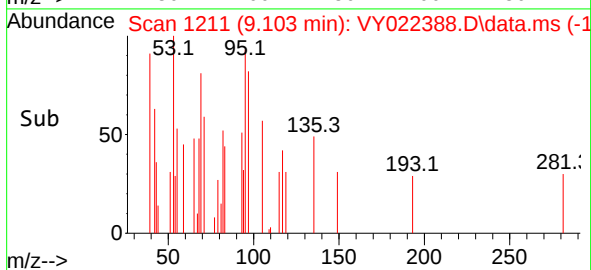
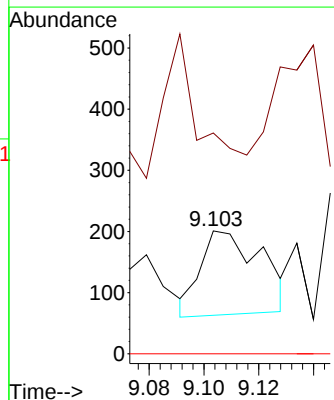
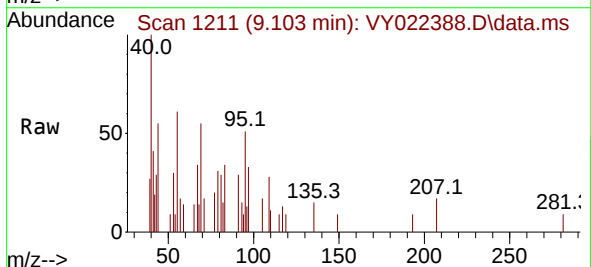
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

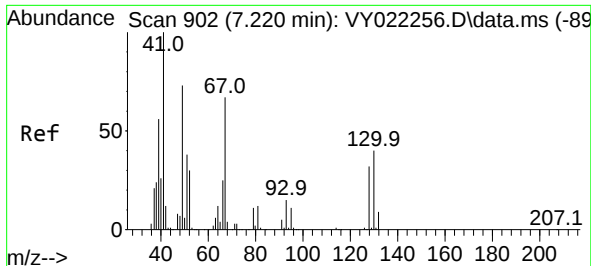
Tgt Ion:117 Resp: 756
Ion Ratio Lower Upper
117 100
119 0.0 75.3 112.9#
121 0.0 24.7 37.1#



#39
Methylcyclohexane
Concen: 1.348 ug/l
RT: 9.103 min Scan# 1211
Delta R.T. -0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 83 Resp: 211
Ion Ratio Lower Upper
83 100
55 0.0 60.6 90.8#
98 0.0 40.0 60.0#

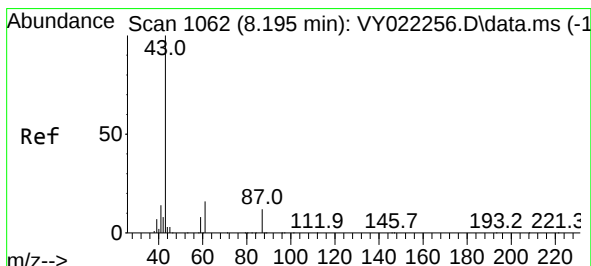
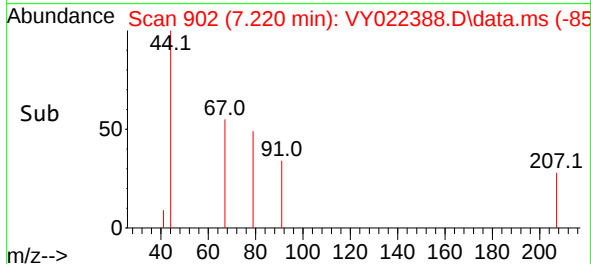
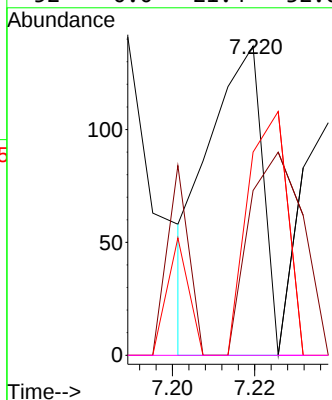
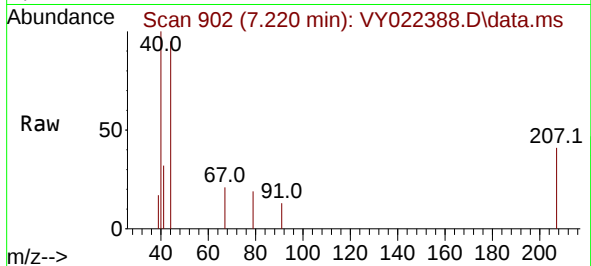




#41
Methacrylonitrile
Concen: 3.362 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

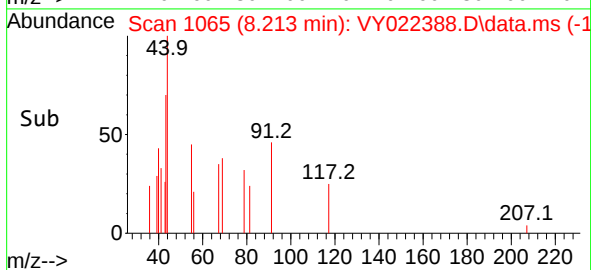
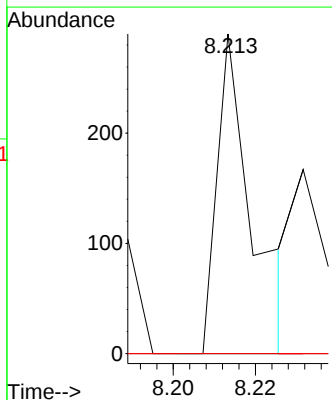
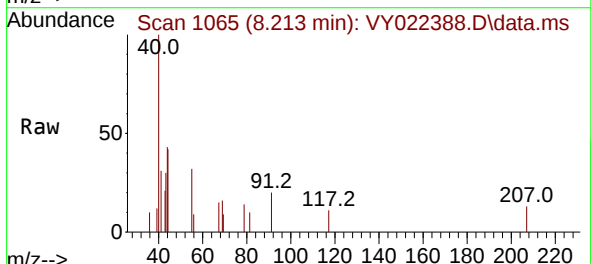
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

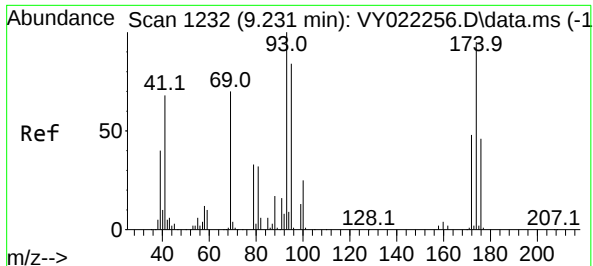
Tgt Ion:	41	Resp:	125
Ion	Ratio	Lower	Upper
41	100		
39	65.6	39.1	58.7#
67	57.6	47.1	70.7
52	0.0	21.4	32.0#



#43
Isopropyl Acetate
Concen: 1.415 ug/l
RT: 8.213 min Scan# 1065
Delta R.T. 0.018 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion:	43	Resp:	173
Ion	Ratio	Lower	Upper
43	100		
61	0.0	15.1	22.7#
87	0.0	9.7	14.5#

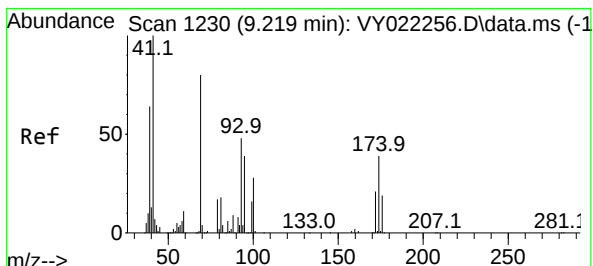
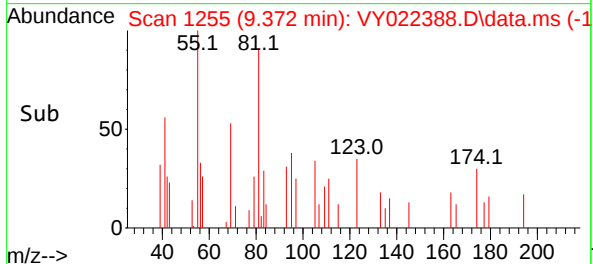
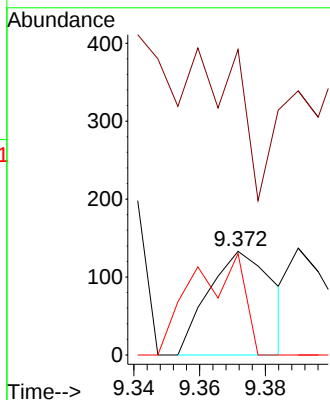
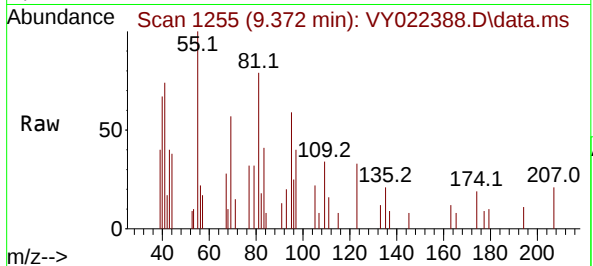




#46
Dibromomethane
Concen: 4.053 ug/l
RT: 9.372 min Scan# 11
Delta R.T. 0.140 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

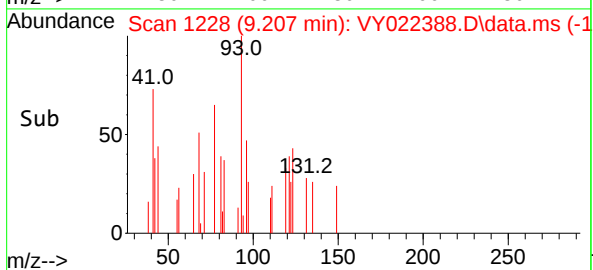
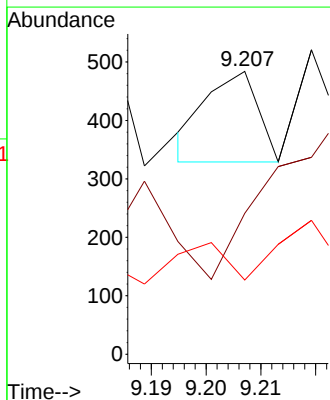
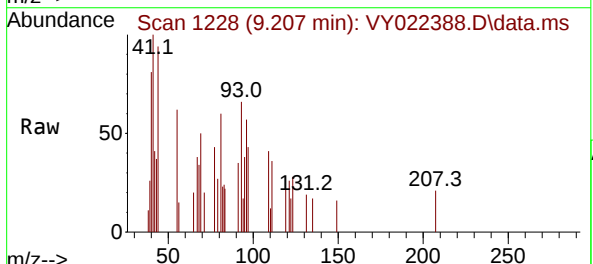
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

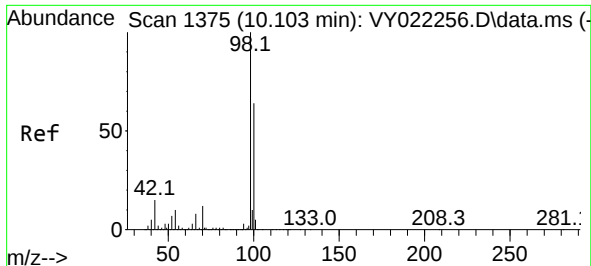
Tgt Ion: 93 Resp: 182
Ion Ratio Lower Upper
93 100
95 73.1 65.2 97.8
174 76.9 74.3 111.5



#48
Methyl methacrylate
Concen: 1.767 ug/l
RT: 9.207 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 41 Resp: 101
Ion Ratio Lower Upper
41 100
69 0.0 63.5 95.3#
39 58.4 50.8 76.2

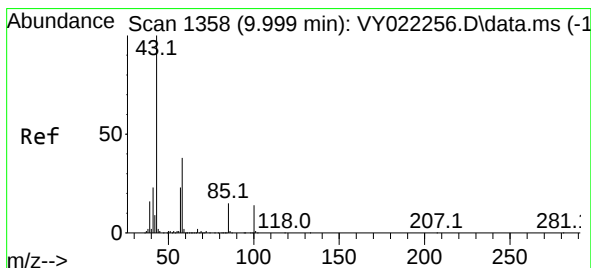
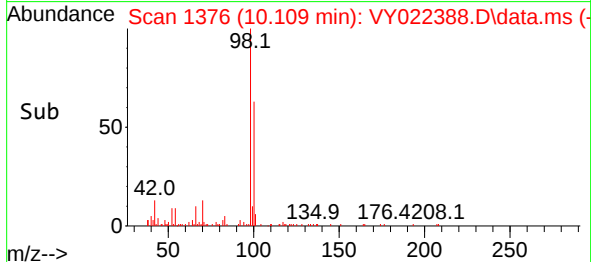
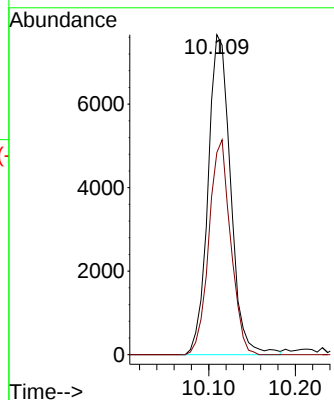
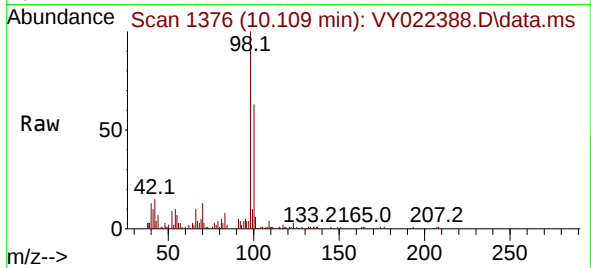




#50
Toluene-d8
Concen: 47.792 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

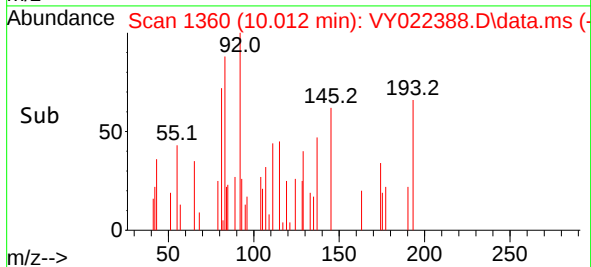
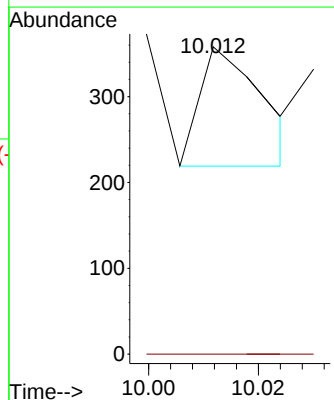
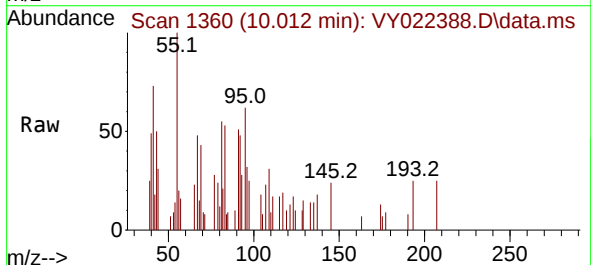
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

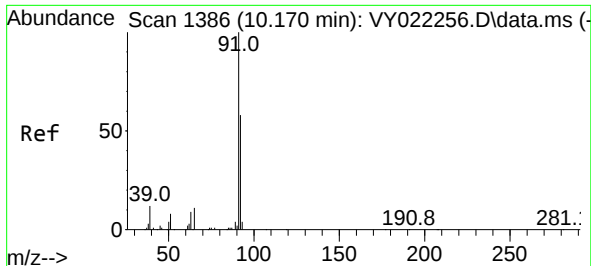
Tgt Ion: 98 Resp: 13844
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.834 ug/l
RT: 10.012 min Scan# 1360
Delta R.T. 0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 43 Resp: 110
Ion Ratio Lower Upper
43 100
58 0.0 29.4 44.2#

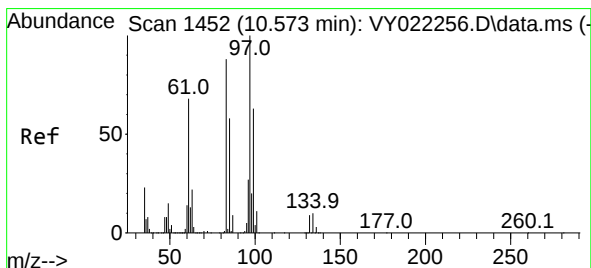
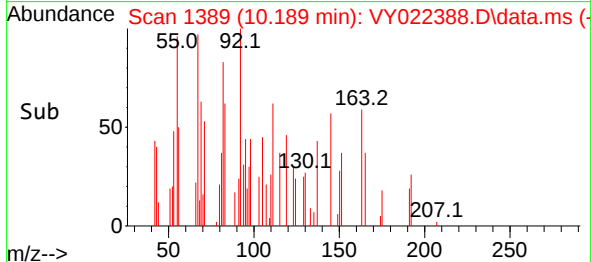
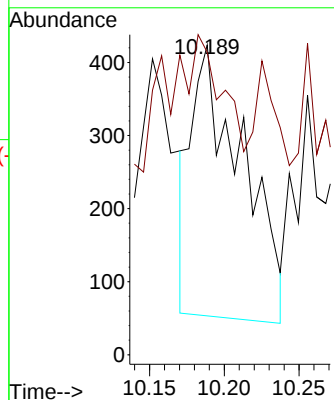
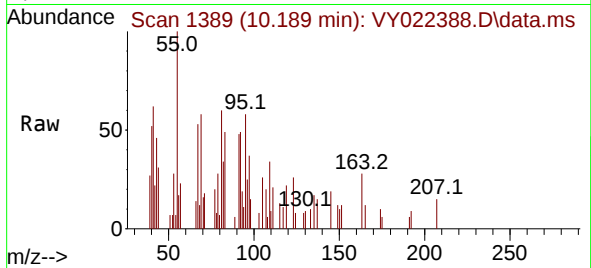




#52
Toluene
Concen: 4.038 ug/l
RT: 10.189 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

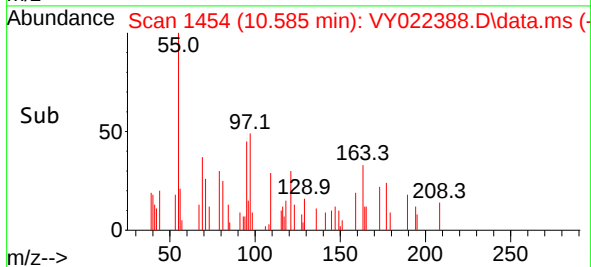
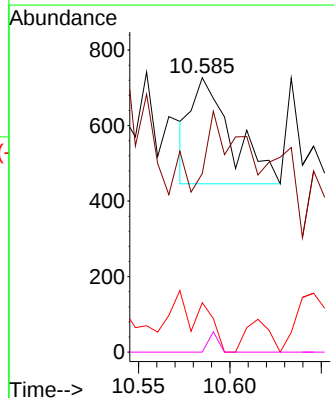
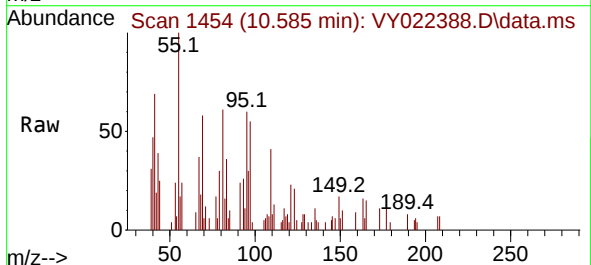
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

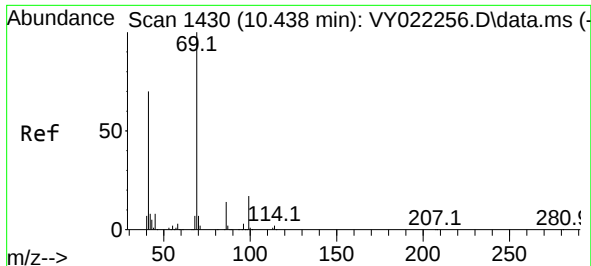
Tgt Ion: 92 Resp: 883
Ion Ratio Lower Upper
92 100
91 0.0 139.1 208.7#



#55
1,1,2-Trichloroethane
Concen: 7.512 ug/l
RT: 10.585 min Scan# 1454
Delta R.T. 0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 97 Resp: 432
Ion Ratio Lower Upper
97 100
83 0.0 70.3 105.5#
85 46.6 46.2 69.4
99 0.0 50.3 75.5#

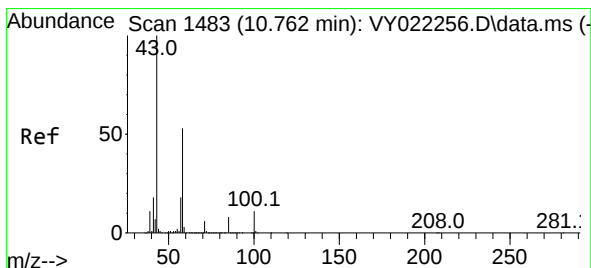
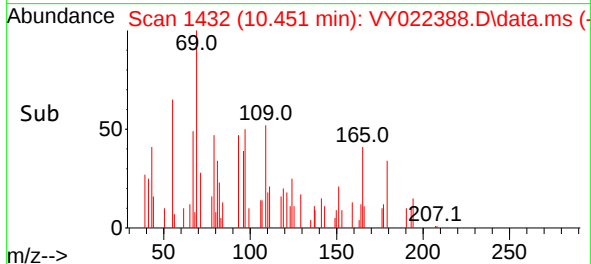
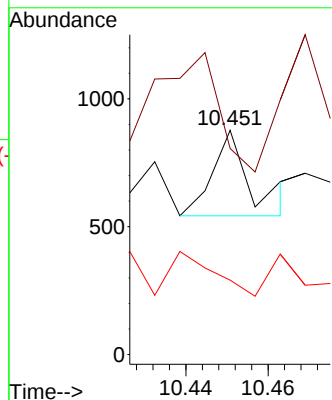
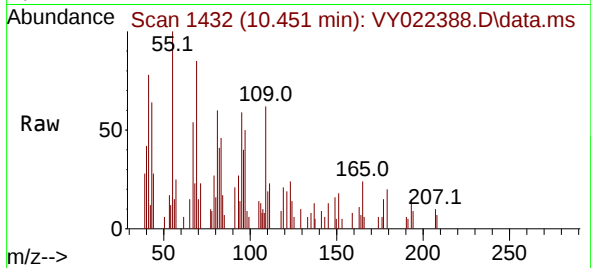




#56
Ethyl methacrylate
Concen: 2.445 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

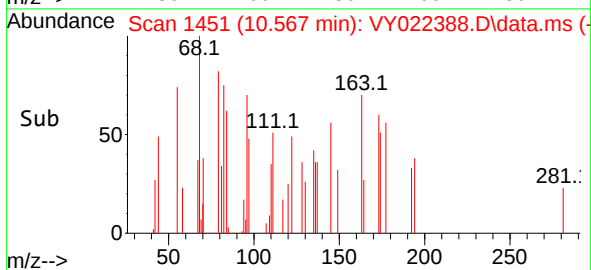
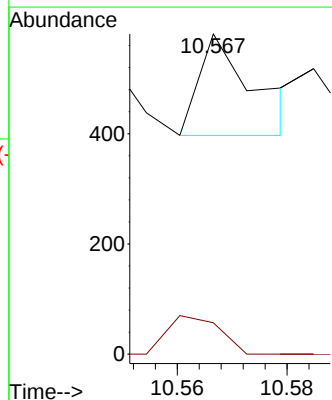
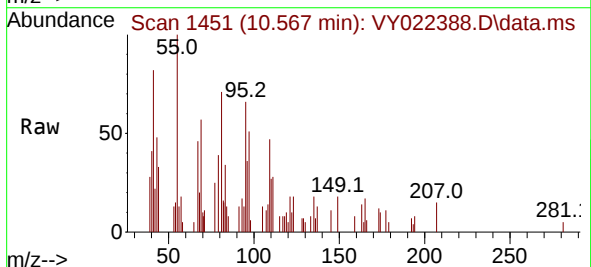
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

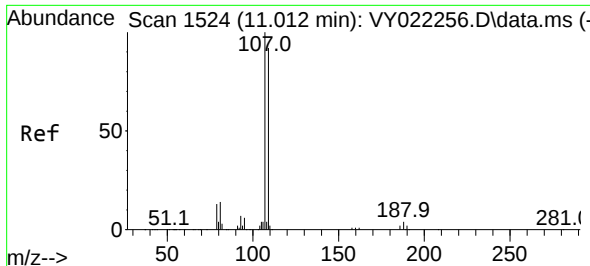
Tgt Ion: 69 Resp: 219
Ion Ratio Lower Upper
69 100
41 235.6 56.5 84.7#
39 68.0 37.1 55.7#



#59
2-Hexanone
Concen: 3.183 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.195 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 43 Resp: 128
Ion Ratio Lower Upper
43 100
58 35.9 26.1 78.3

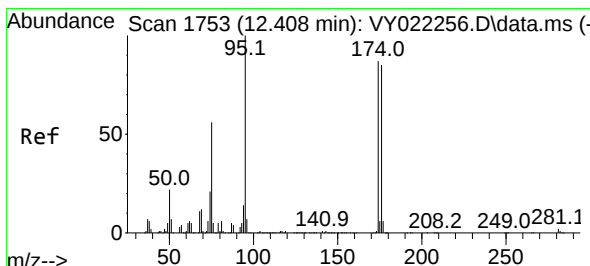
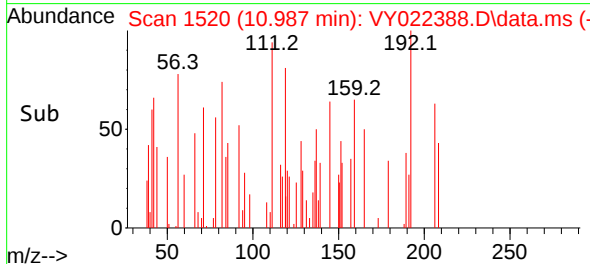
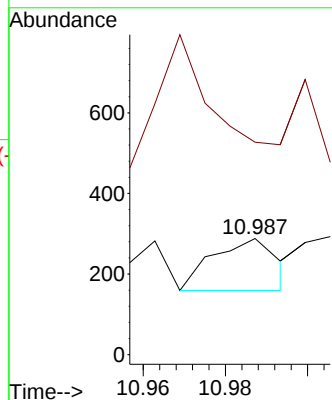
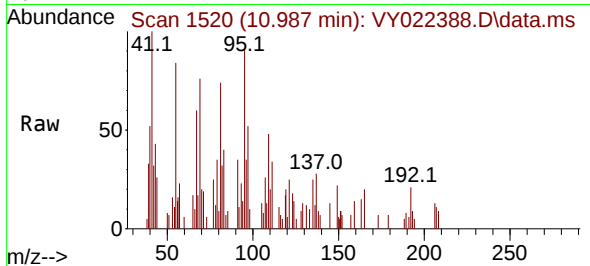




#61
1,2-Dibromoethane
Concen: 2.631 ug/l
RT: 10.987 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

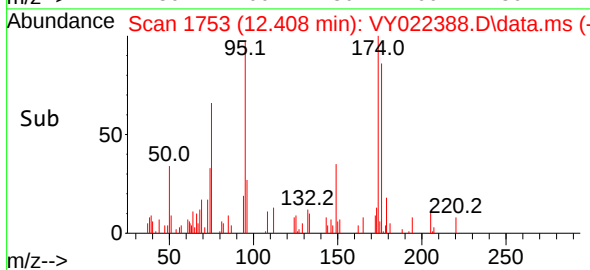
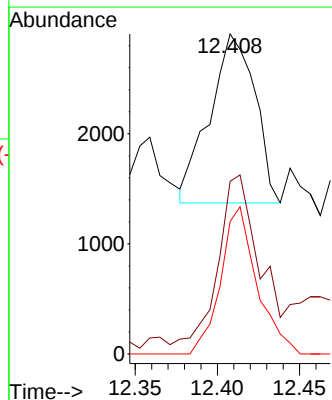
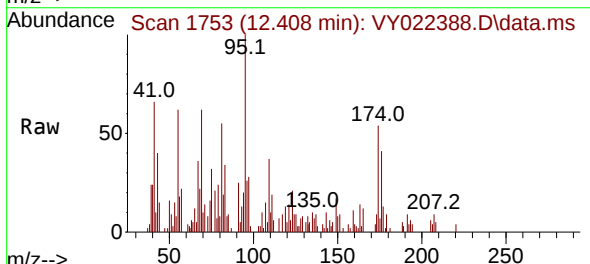
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

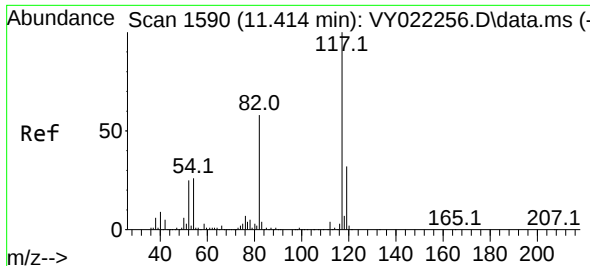
Tgt Ion:107 Resp: 141
Ion Ratio Lower Upper
107 100
109 90.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 32.032 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 95 Resp: 2941
Ion Ratio Lower Upper
95 100
174 92.8 0.0 166.8
176 69.5 0.0 160.8

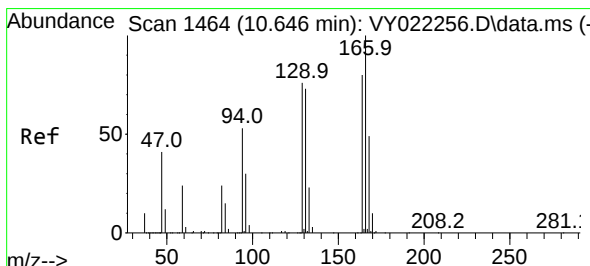
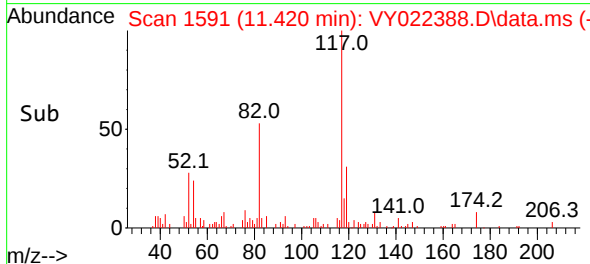
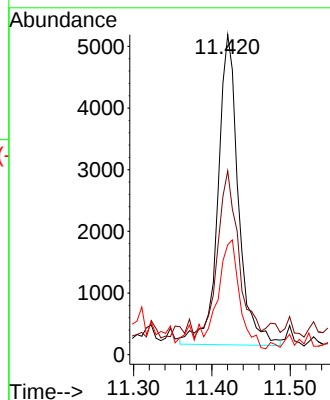
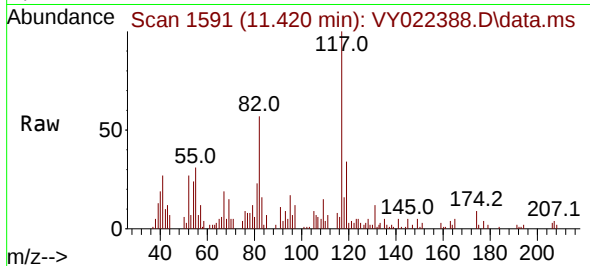




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

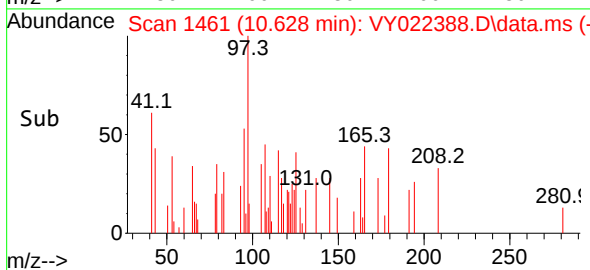
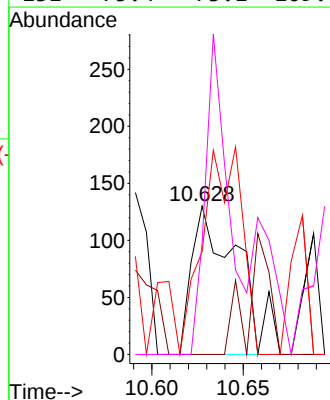
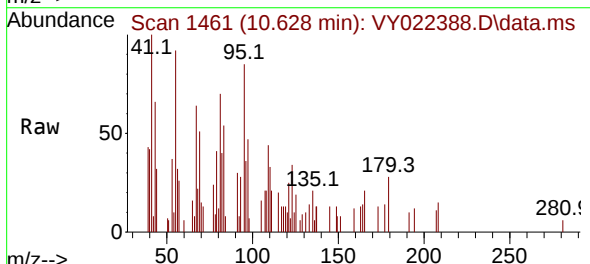
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

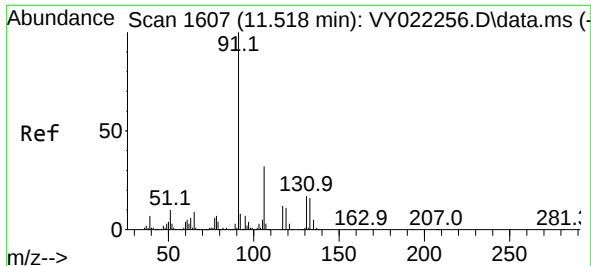
Tgt Ion:117 Resp: 9162
Ion Ratio Lower Upper
117 100
82 52.9 46.6 70.0
119 33.6 25.8 38.6



#64
Tetrachloroethene
Concen: 2.704 ug/l
RT: 10.628 min Scan# 1461
Delta R.T. -0.018 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion:164 Resp: 229
Ion Ratio Lower Upper
164 100
166 0.0 100.4 150.6#
129 69.2 76.4 114.6#
131 75.4 73.1 109.7

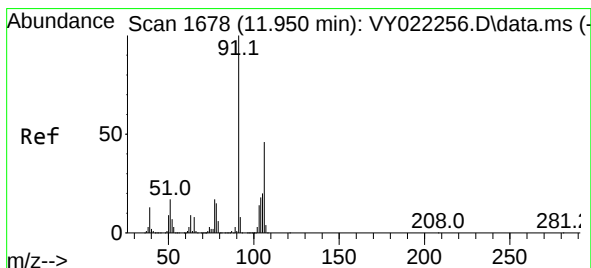
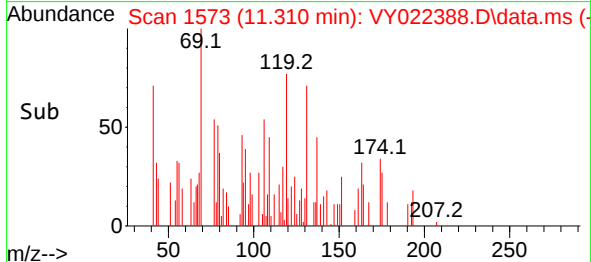
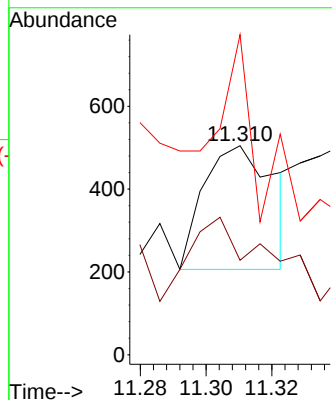
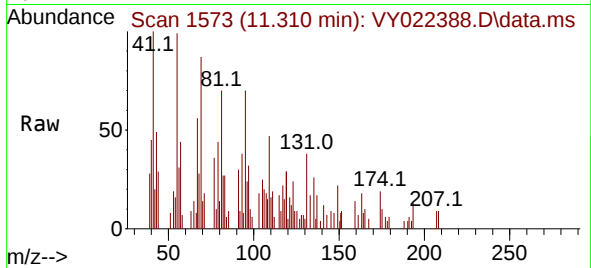




#66
 1,1,1,2-Tetrachloroethane
 Concen: 6.276 ug/l
 RT: 11.310 min Scan# 11
 Delta R.T. -0.207 min
 Lab File: VY022388.D
 Acq: 22 May 2025 12:11

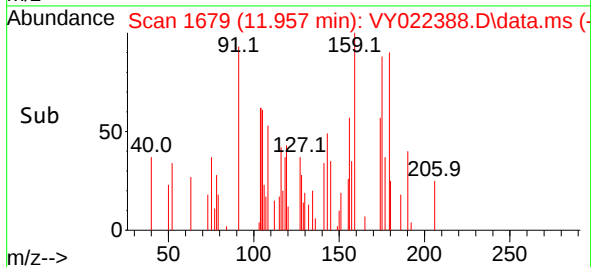
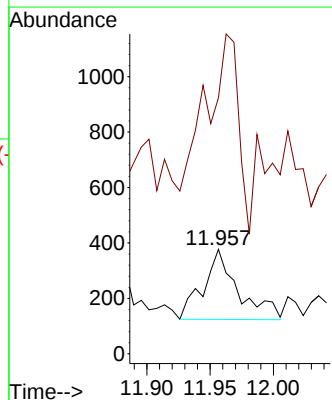
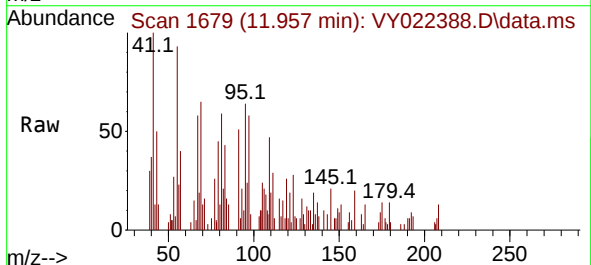
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-052125RE

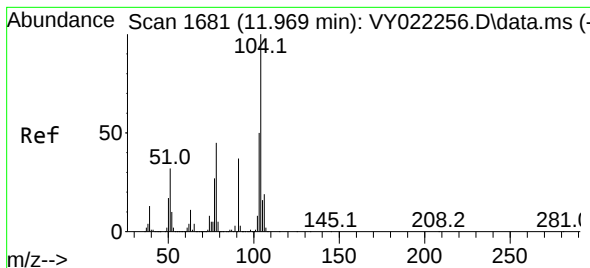
Tgt Ion:131 Resp: 446
 Ion Ratio Lower Upper
 131 100
 133 73.5 47.3 141.9
 119 65.2 33.1 99.2



#69
 o-Xylene
 Concen: 3.507 ug/l
 RT: 11.957 min Scan# 1679
 Delta R.T. 0.006 min
 Lab File: VY022388.D
 Acq: 22 May 2025 12:11

Tgt Ion:106 Resp: 484
 Ion Ratio Lower Upper
 106 100
 91 282.9 108.3 324.8





#70

Styrene

Concen: 1.104 ug/l

RT: 11.987 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-052125RE

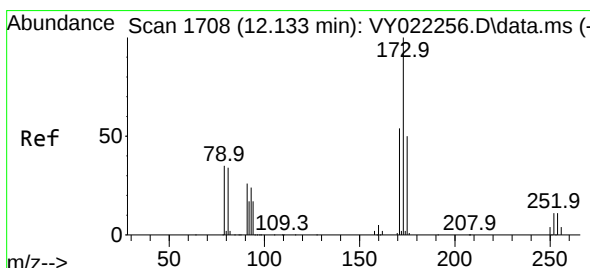
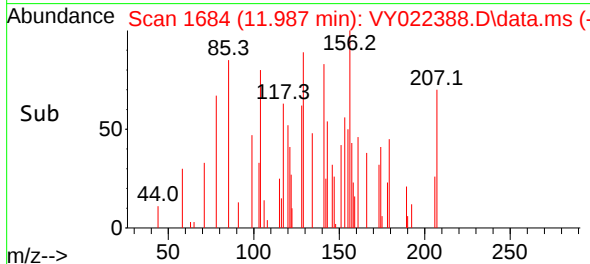
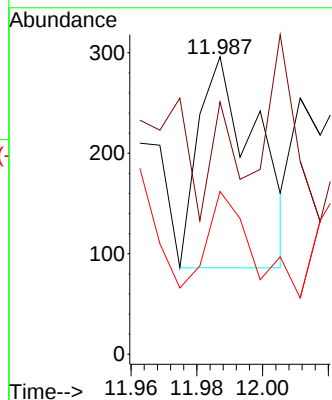
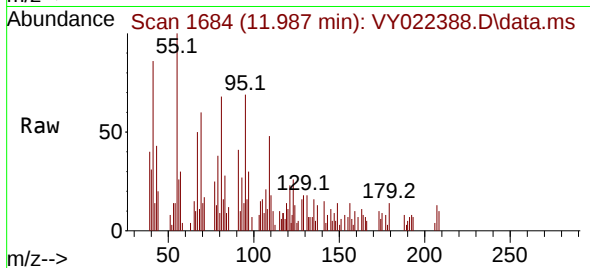
Tgt Ion:104 Resp: 257

Ion Ratio Lower Upper

104 100

78 126.1 40.9 61.3#

103 87.2 43.7 65.5#



#71

Bromoform

Concen: 2.868 ug/l

RT: 12.115 min Scan# 1705

Delta R.T. -0.018 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

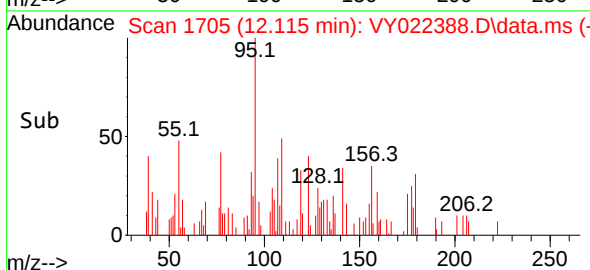
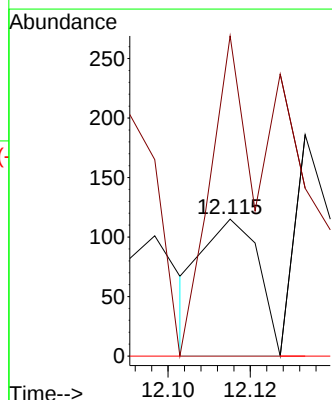
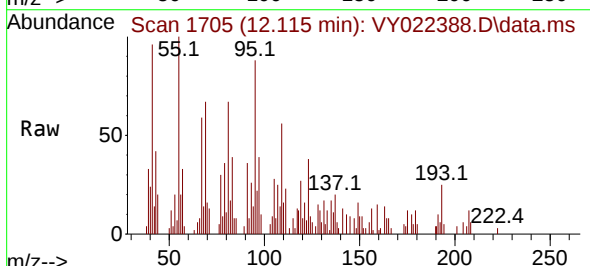
Tgt Ion:173 Resp: 110

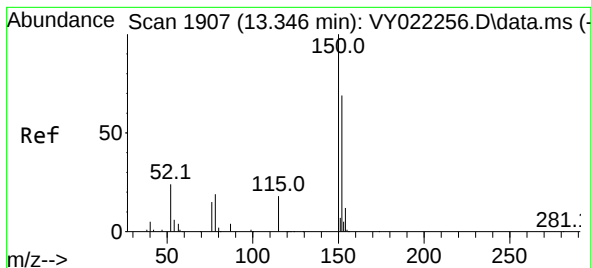
Ion Ratio Lower Upper

173 100

175 359.1 24.7 74.1#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-052125RE

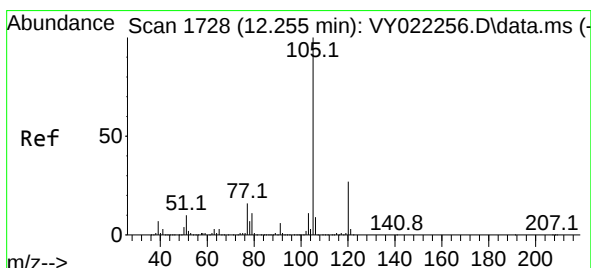
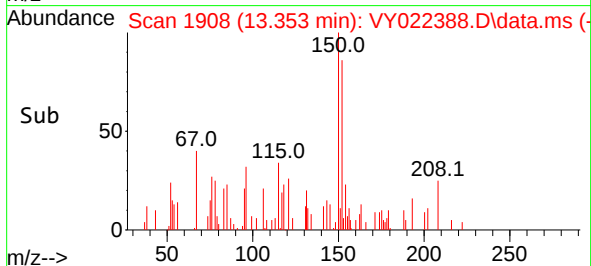
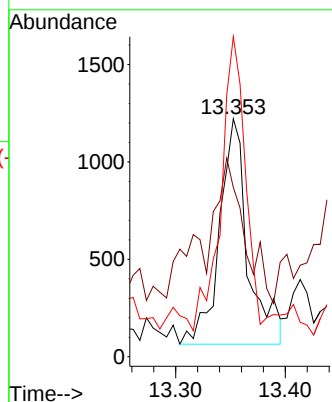
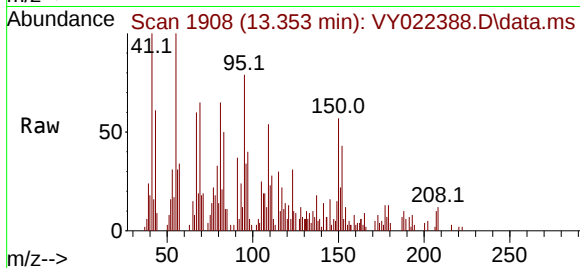
Tgt Ion:152 Resp: 2096

Ion Ratio Lower Upper

152 100

115 63.1 29.4 88.2

150 111.2 0.0 353.8



#73

Isopropylbenzene

Concen: 2.263 ug/l

RT: 12.085 min Scan# 1700

Delta R.T. -0.171 min

Lab File: VY022388.D

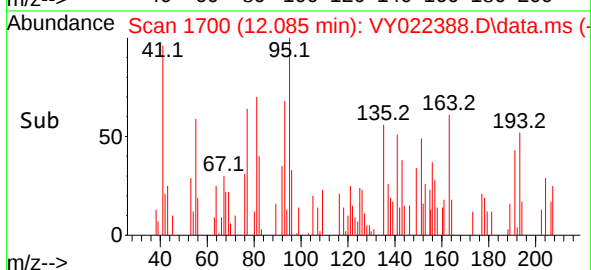
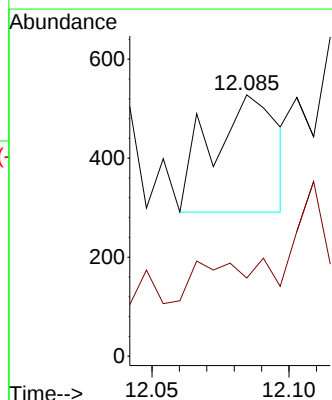
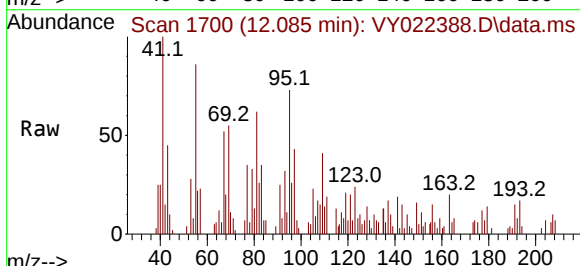
Acq: 22 May 2025 12:11

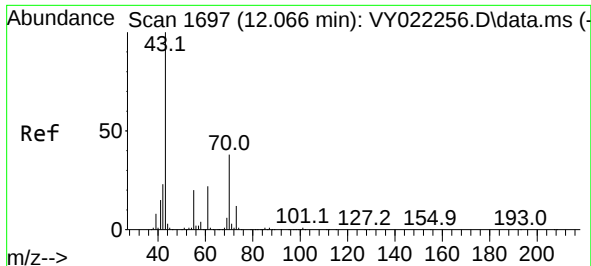
Tgt Ion:105 Resp: 393

Ion Ratio Lower Upper

105 100

120 27.5 13.2 39.6

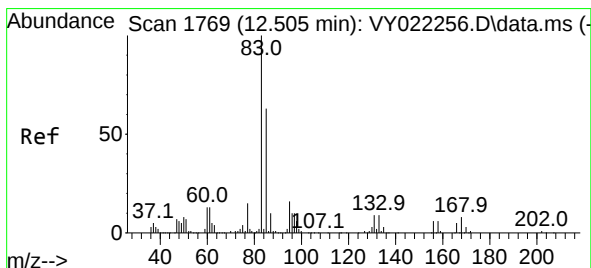
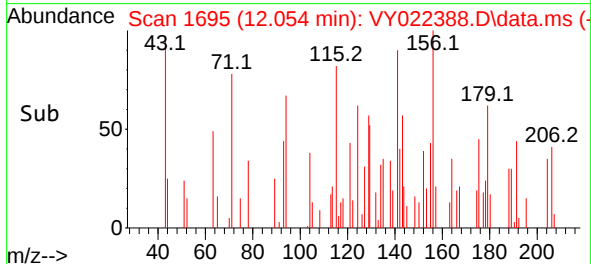
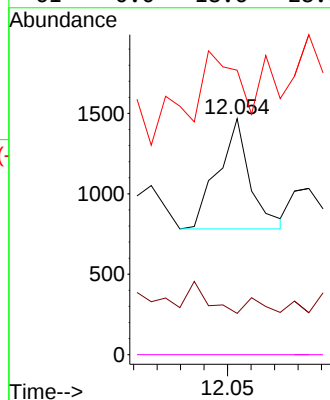
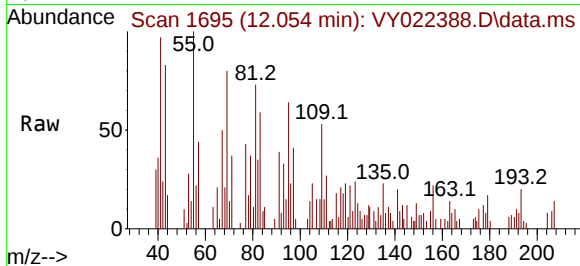




#74
N-amy1 acetate
Concen: 13.088 ug/l
RT: 12.054 min Scan# 1
Delta R.T. -0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

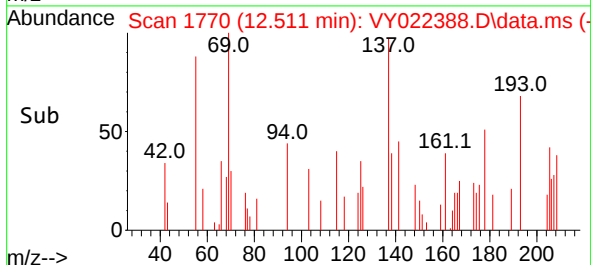
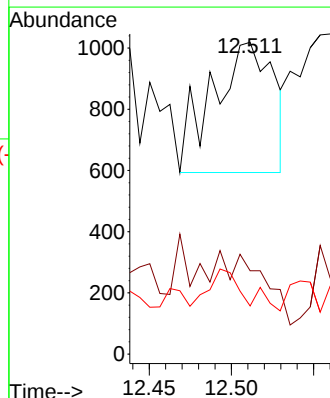
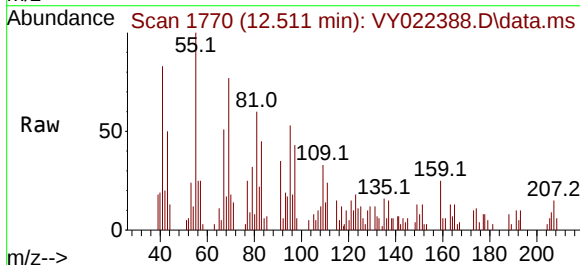
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

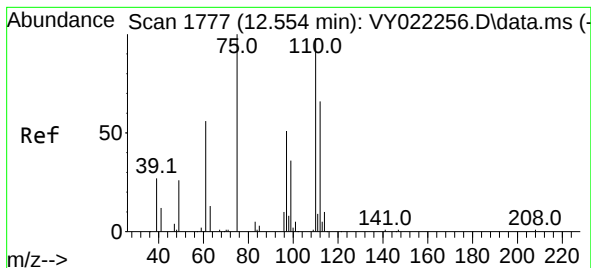
Tgt Ion: 43	Resp: 650
Ion Ratio	Lower Upper
43	100
70	8.3 31.4 47.0#
55	136.8 17.0 25.6#
61	0.0 18.6 28.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 41.079 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 83	Resp: 1097
Ion Ratio	Lower Upper
83	100
131	0.0 4.9 14.7#
85	12.5 32.0 96.0#

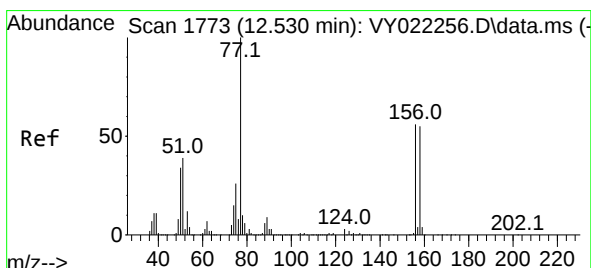
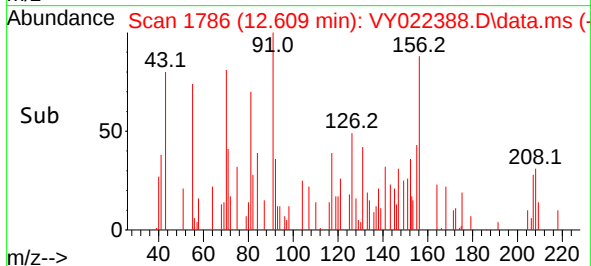
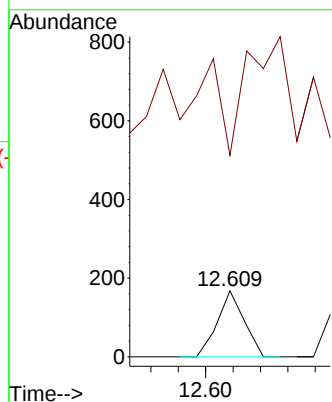
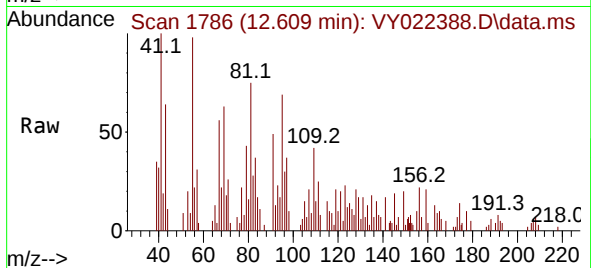




#76
1,2,3-Trichloropropane
Concen: 5.321 ug/l
RT: 12.609 min Scan# 1791
Delta R.T. 0.055 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

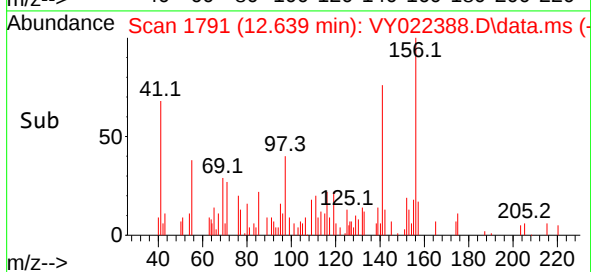
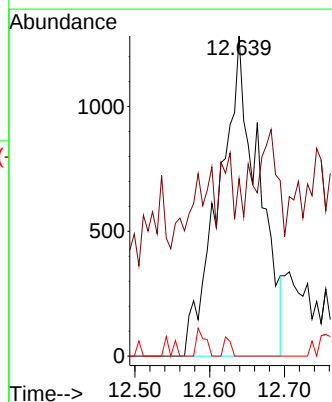
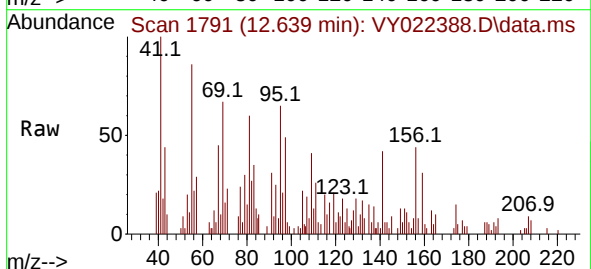
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

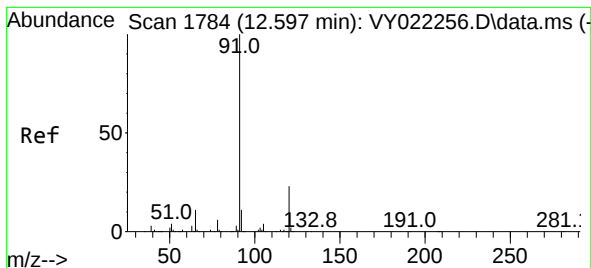
Tgt Ion: 75 Resp: 113
Ion Ratio Lower Upper
75 100
77 267.3 0.0 0.0#



#77
Bromobenzene
Concen: 126.379 ug/l
RT: 12.639 min Scan# 1791
Delta R.T. 0.110 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion:156 Resp: 4687
Ion Ratio Lower Upper
156 100
77 6.4 94.5 283.6#
158 1.0 48.4 145.3#





#78

n-propylbenzene

Concen: 2.416 ug/l

RT: 12.438 min Scan# 11

Delta R.T. -0.158 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

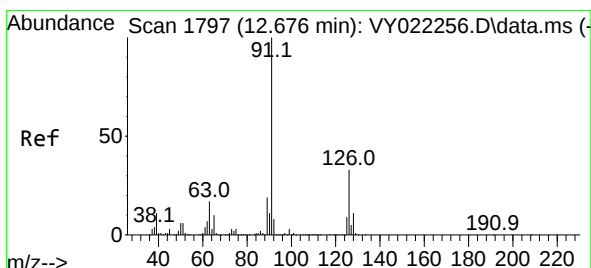
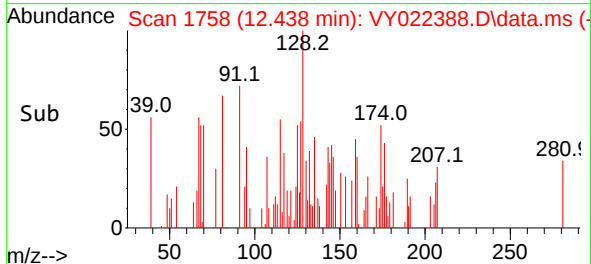
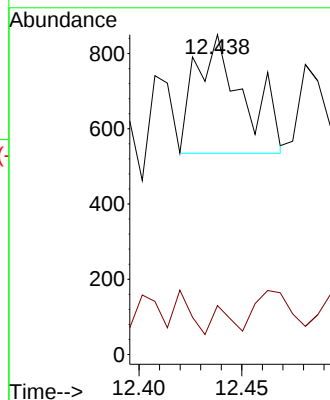
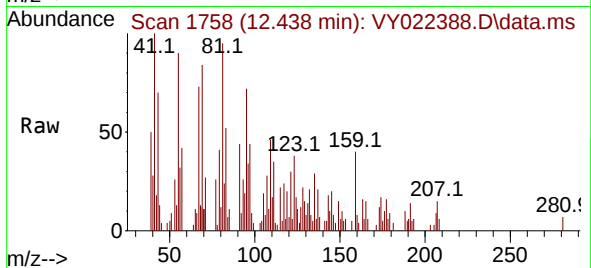
TR-06-052125RE

Tgt Ion: 91 Resp: 506

Ion Ratio Lower Upper

91 100

120 18.4 11.1 33.3



#79

2-Chlorotoluene

Concen: 4.605 ug/l

RT: 12.767 min Scan# 1812

Delta R.T. 0.092 min

Lab File: VY022388.D

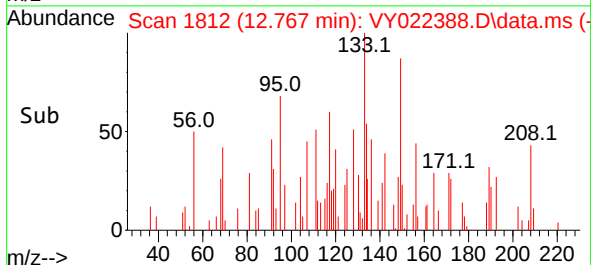
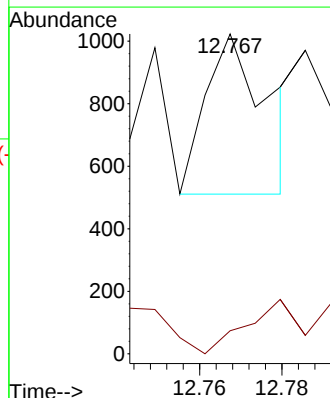
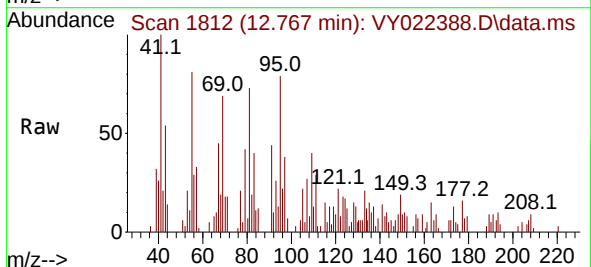
Acq: 22 May 2025 12:11

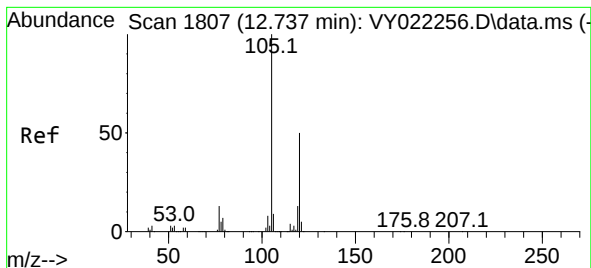
Tgt Ion: 91 Resp: 530

Ion Ratio Lower Upper

91 100

126 27.9 16.8 50.4





#80

1,3,5-Trimethylbenzene

Concen: 17.350 ug/l

RT: 12.664 min Scan# 1795

Delta R.T. -0.073 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

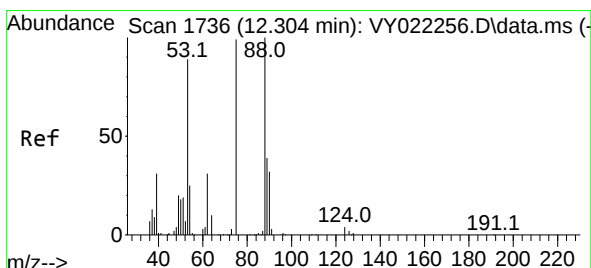
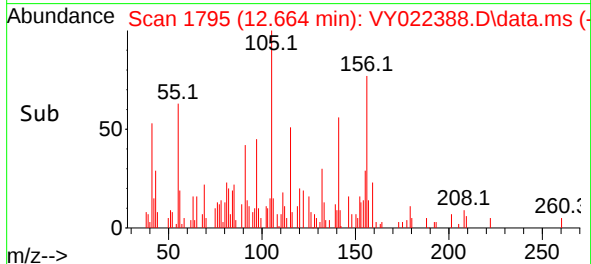
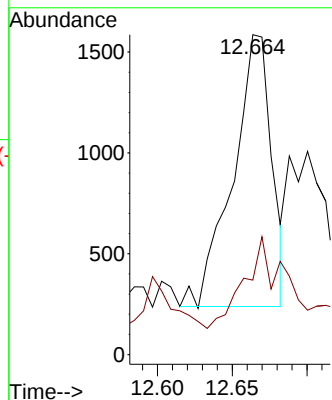
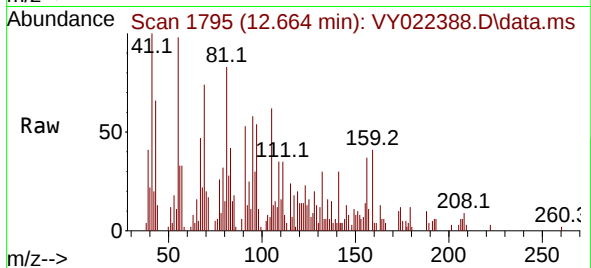
TR-06-052125RE

Tgt Ion:105 Resp: 2432

Ion Ratio Lower Upper

105 100

120 52.1 24.2 72.6



#81

trans-1,4-Dichloro-2-butene

Concen: 154.354 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

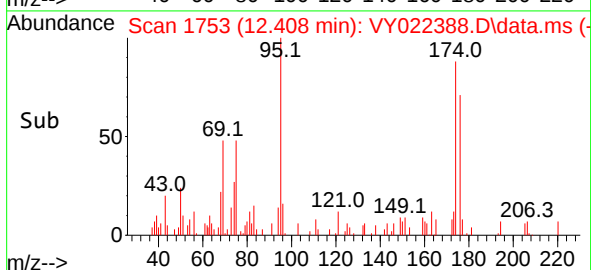
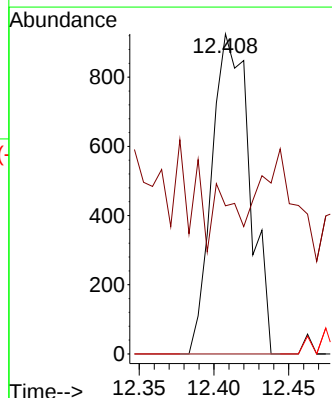
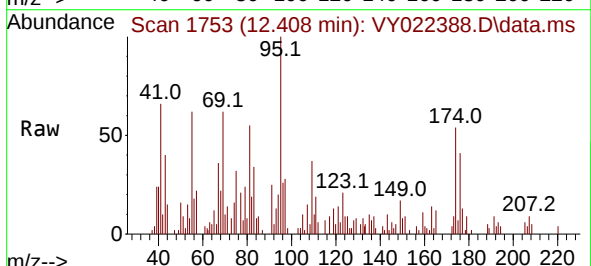
Tgt Ion: 75 Resp: 1618

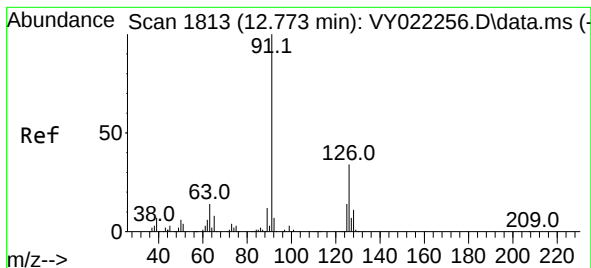
Ion Ratio Lower Upper

75 100

53 12.3 75.8 113.8#

89 0.0 36.2 54.2#

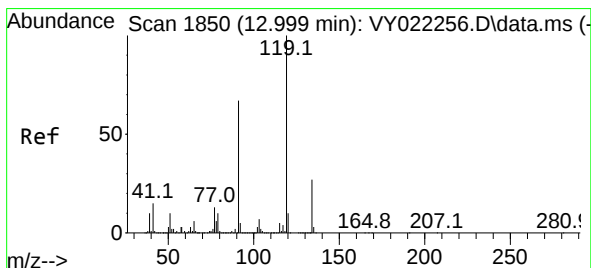
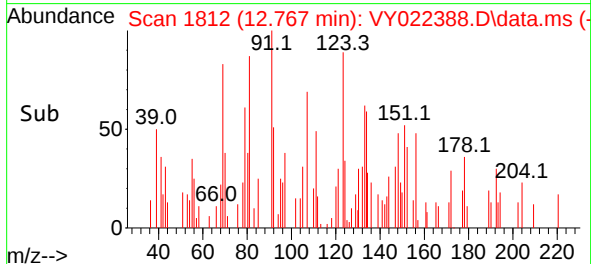
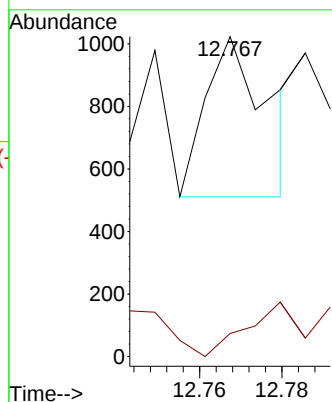
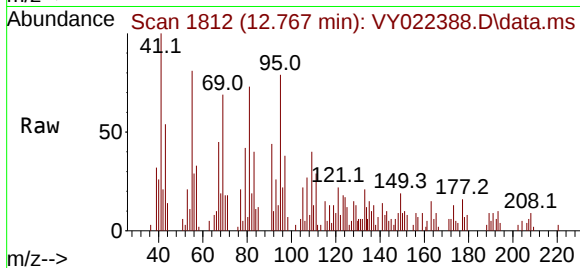




#82
4-Chlorotoluene
Concen: 4.477 ug/l
RT: 12.767 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

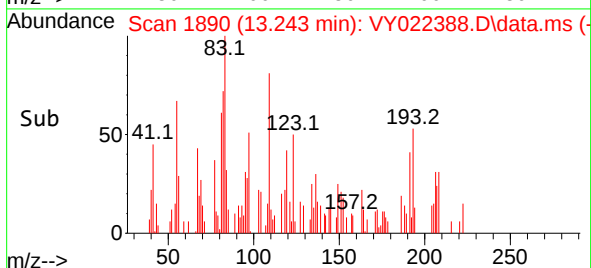
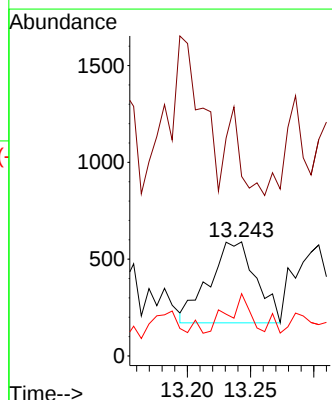
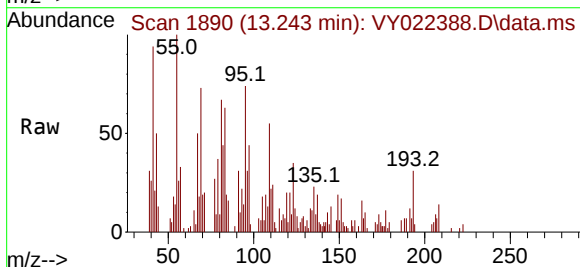
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

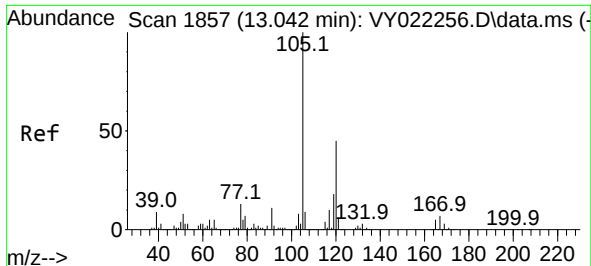
Tgt Ion: 91 Resp: 530
Ion Ratio Lower Upper
91 100
126 27.9 16.8 50.4



#83
tert-Butylbenzene
Concen: 8.596 ug/l
RT: 13.243 min Scan# 1890
Delta R.T. 0.244 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 119 Resp: 1071
Ion Ratio Lower Upper
119 100
91 33.9 32.8 98.3
134 25.4 12.9 38.6

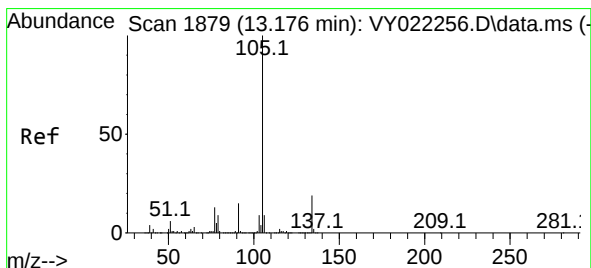
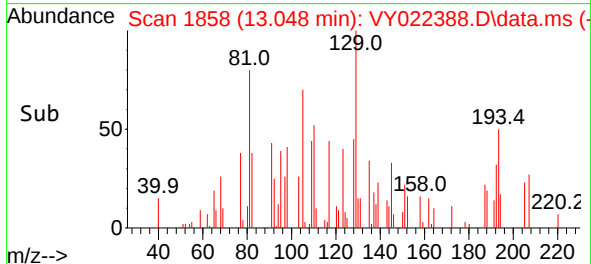
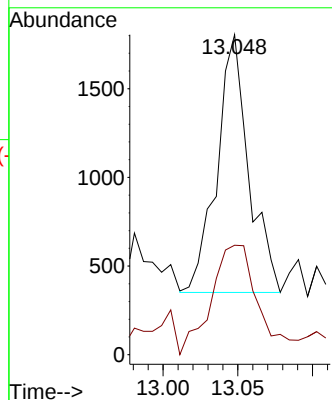
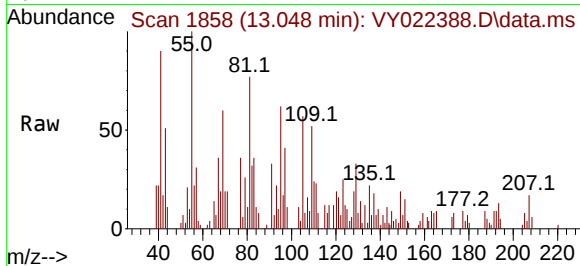




#84
1,2,4-Trimethylbenzene
Concen: 15.473 ug/l
RT: 13.048 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

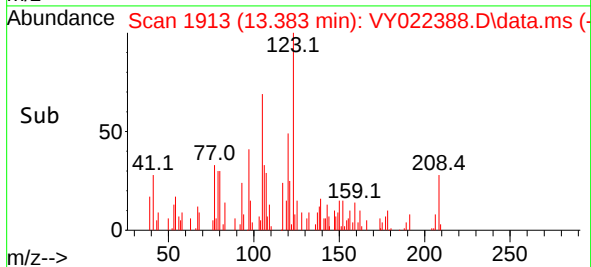
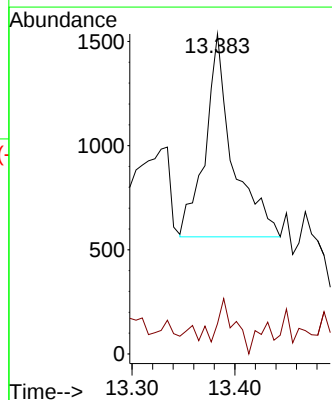
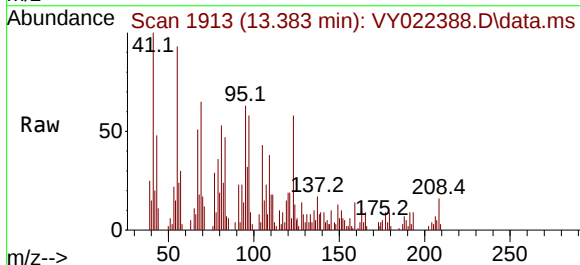
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

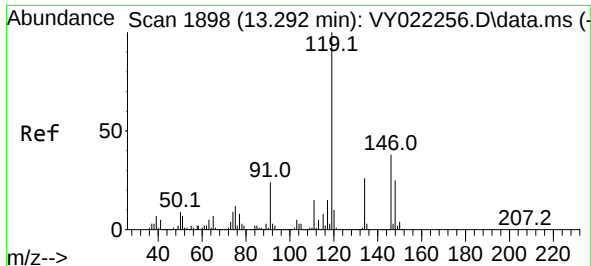
Tgt Ion:105 Resp: 2153
Ion Ratio Lower Upper
105 100
120 63.0 22.3 66.9



#85
sec-Butylbenzene
Concen: 9.760 ug/l
RT: 13.383 min Scan# 1913
Delta R.T. 0.207 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion:105 Resp: 1805
Ion Ratio Lower Upper
105 100
134 16.3 9.8 29.5

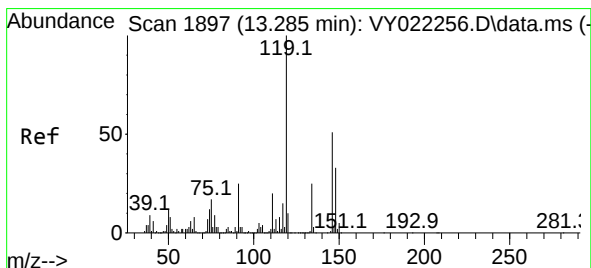
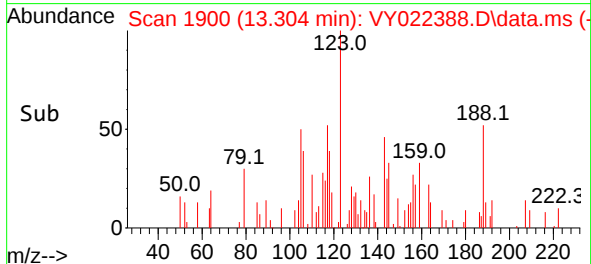
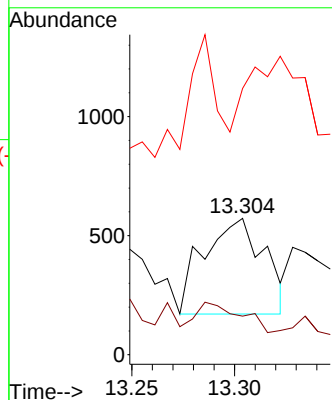
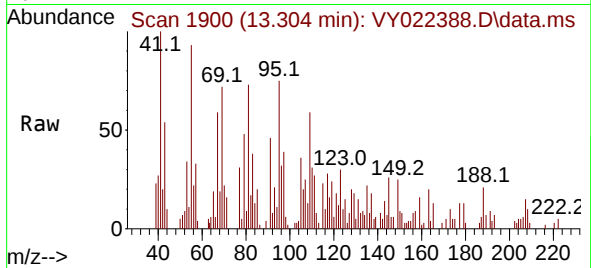




#86
p-Isopropyltoluene
Concen: 5.285 ug/l
RT: 13.304 min Scan# 1900
Delta R.T. 0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

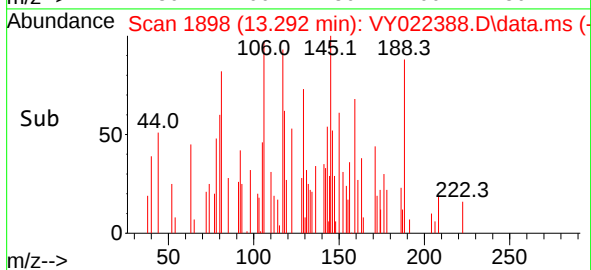
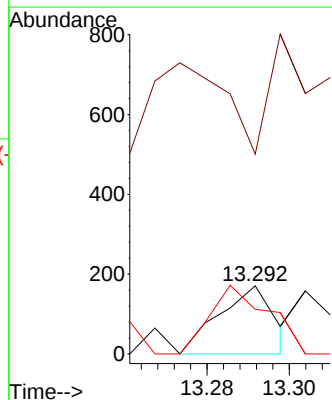
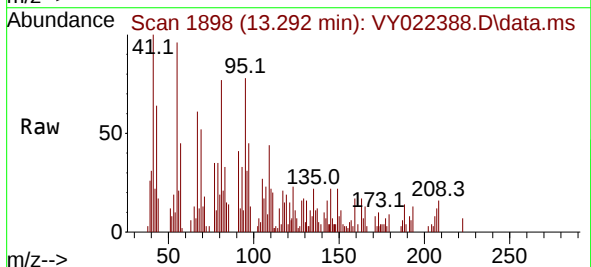
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

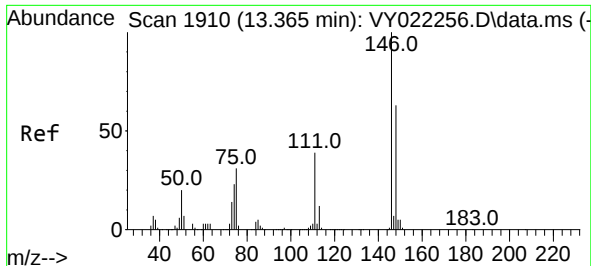
Tgt Ion:119 Resp: 822
Ion Ratio Lower Upper
119 100
134 31.5 12.9 38.6
91 58.6 12.1 36.3#



#87
1,3-Dichlorobenzene
Concen: 2.087 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion:146 Resp: 158
Ion Ratio Lower Upper
146 100
111 294.9 19.9 59.7#
148 108.2 31.9 95.7#

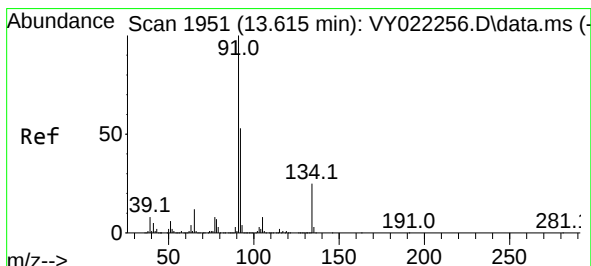
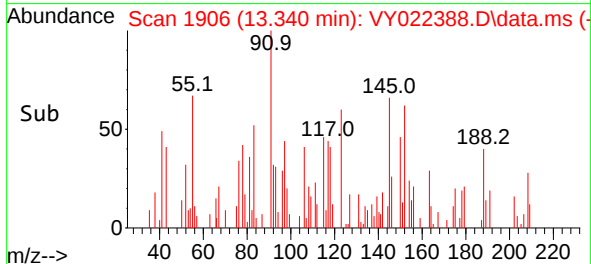
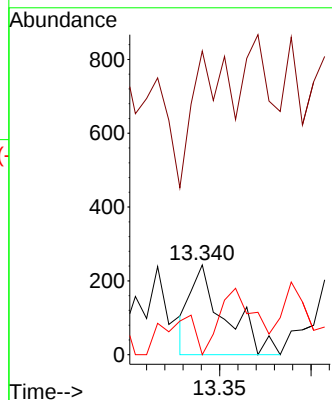
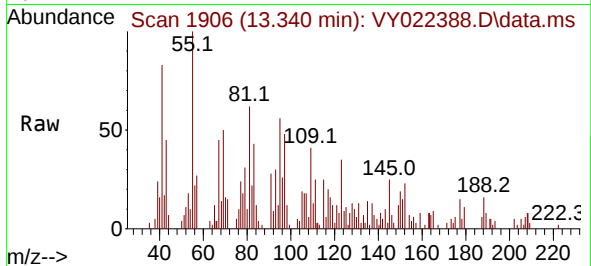




#88
1,4-Dichlorobenzene
Concen: 4.394 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.024 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

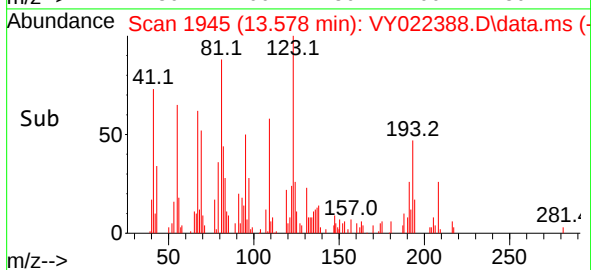
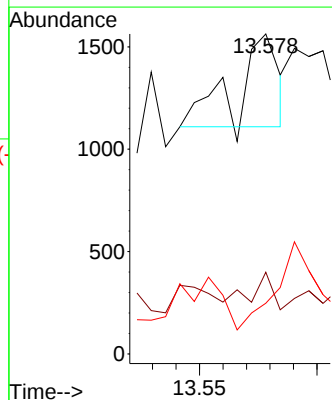
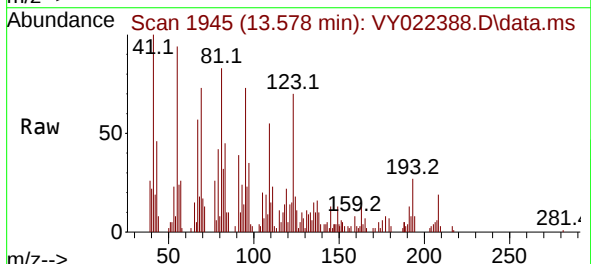
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

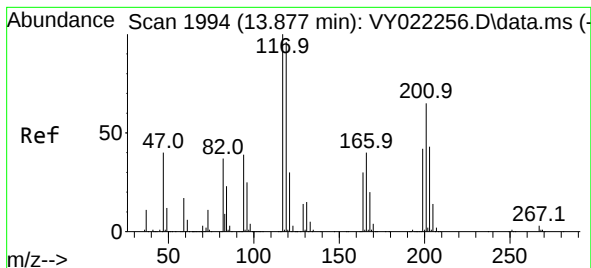
Tgt Ion:146 Resp: 320
Ion Ratio Lower Upper
146 100
111 157.2 20.0 59.9#
148 39.4 32.1 96.5



#89
n-Butylbenzene
Concen: 3.778 ug/l
RT: 13.578 min Scan# 1945
Delta R.T. -0.036 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion: 91 Resp: 556
Ion Ratio Lower Upper
91 100
92 0.0 26.3 78.9#
134 107.4 12.4 37.4#





#90

Hexachloroethane

Concen: 14.268 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

Instrument :

MSVOA_Y

ClientSampleId :

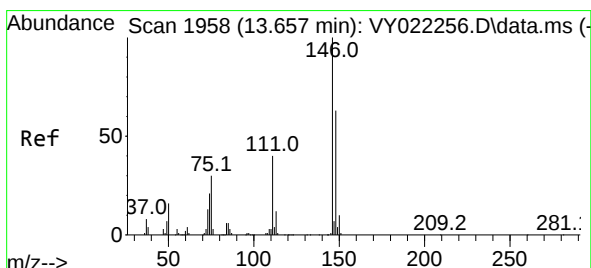
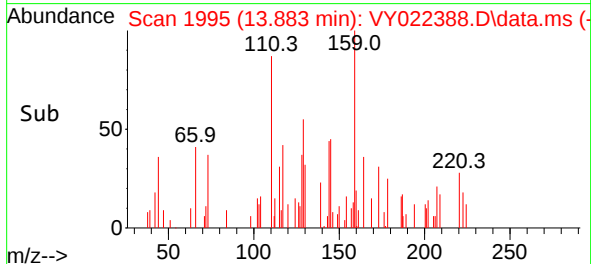
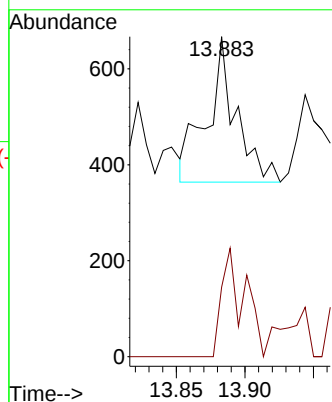
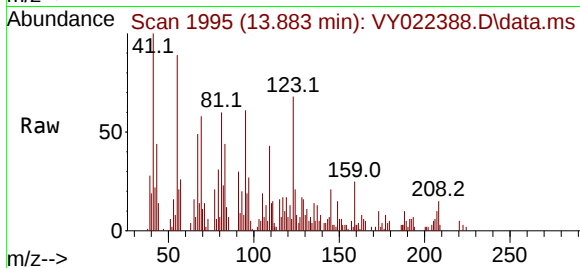
TR-06-052125RE

Tgt Ion:117 Resp: 448

Ion Ratio Lower Upper

117 100

201 57.6 35.2 105.6



#91

1,2-Dichlorobenzene

Concen: 2.846 ug/l

RT: 13.664 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY022388.D

Acq: 22 May 2025 12:11

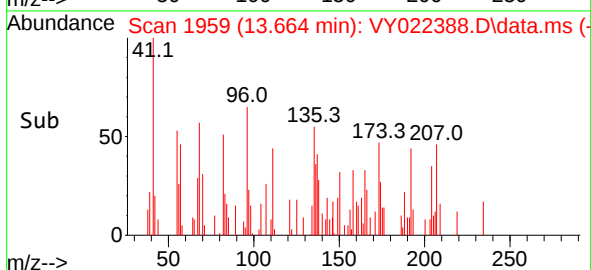
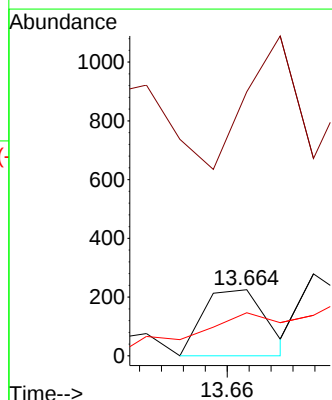
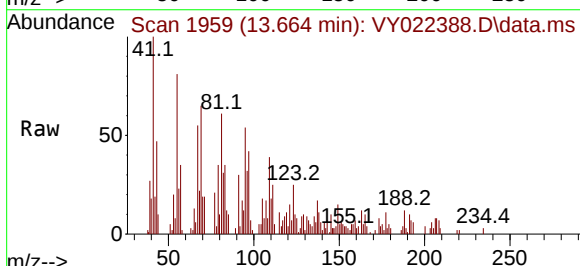
Tgt Ion:146 Resp: 181

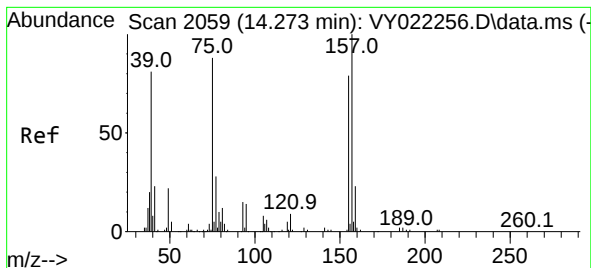
Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.5#

148 0.0 32.0 96.0#

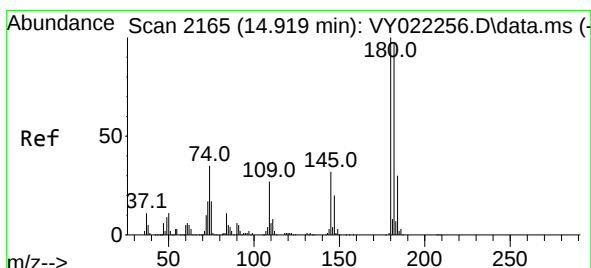
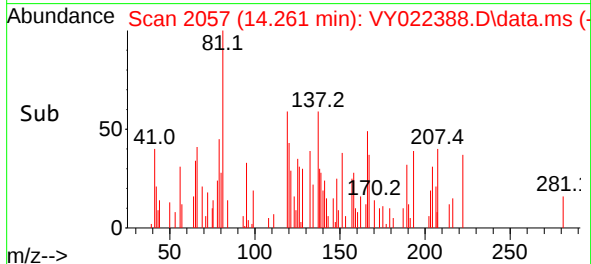
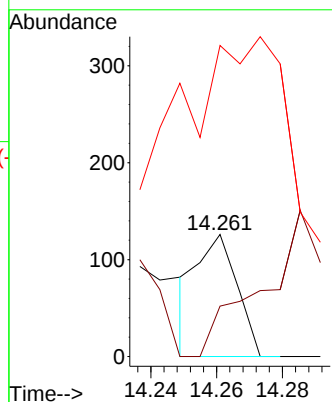
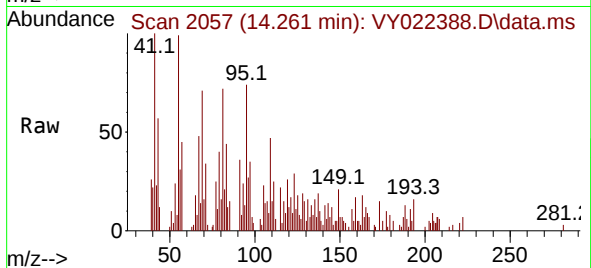




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.615 ug/l
 RT: 14.261 min Scan# 2057
 Delta R.T. -0.012 min
 Lab File: VY022388.D
 Acq: 22 May 2025 12:11

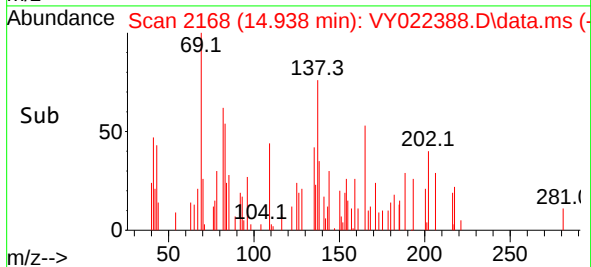
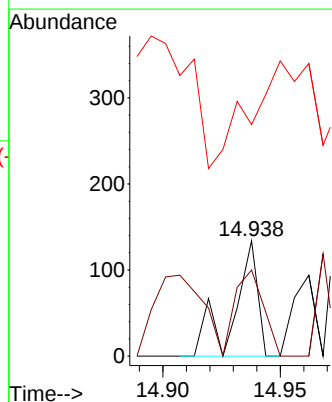
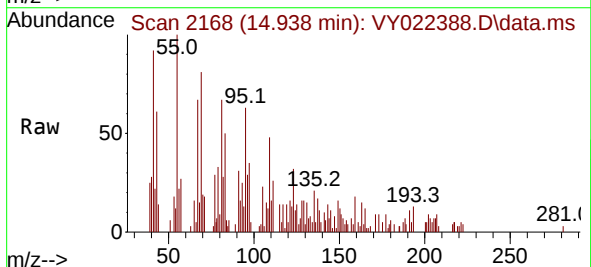
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-052125RE

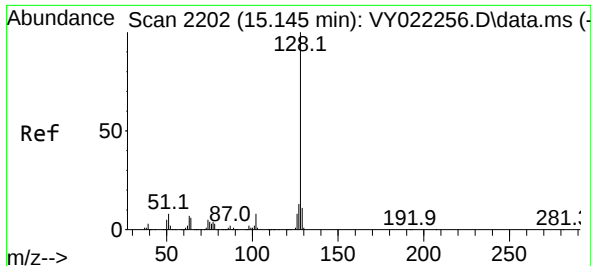
Tgt Ion: 75 Resp: 106
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.4 130.1#
 157 0.0 54.6 163.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.559 ug/l
 RT: 14.938 min Scan# 2168
 Delta R.T. 0.018 min
 Lab File: VY022388.D
 Acq: 22 May 2025 12:11

Tgt Ion:180 Resp: 94
 Ion Ratio Lower Upper
 180 100
 182 89.4 48.0 144.0
 145 169.1 15.0 45.1#

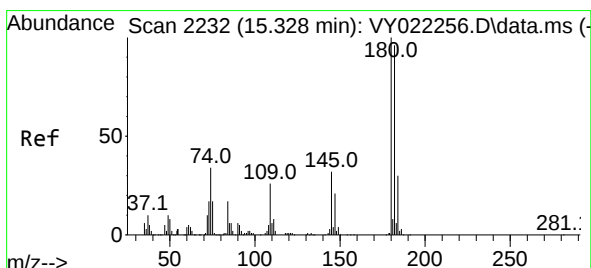
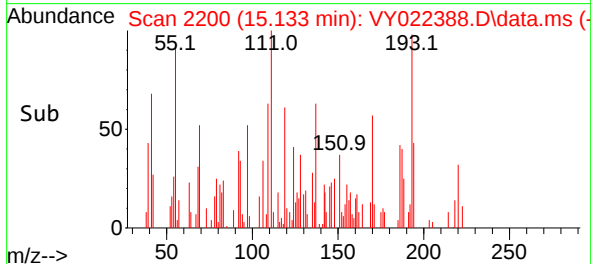
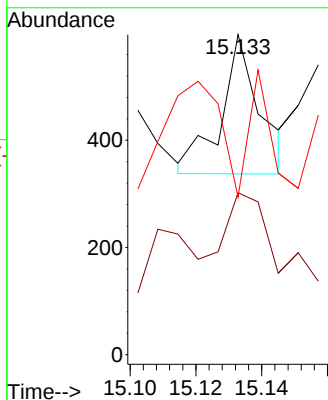
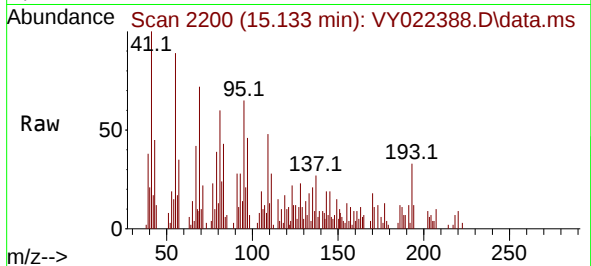




#95
Naphthalene
Concen: 3.027 ug/l
RT: 15.133 min Scan# 211
Delta R.T. -0.012 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-052125RE

Tgt Ion:128 Resp: 211
Ion Ratio Lower Upper
128 100
127 79.1 10.2 15.2#
129 214.7 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 2.728 ug/l
RT: 15.322 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY022388.D
Acq: 22 May 2025 12:11

Tgt Ion:180 Resp: 85
Ion Ratio Lower Upper
180 100
182 0.0 47.1 141.3#
145 0.0 15.9 47.6#

