

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022350.D
 Acq On : 20 May 2025 18:04
 Operator : SY/MD
 Sample : Q2075-04MS
 Misc : 8.42g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MS

Quant Time: May 21 01:55:22 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	7.707	168	134739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	248613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	210937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	91777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	72386	49.156	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.320%
35) Dibromofluoromethane	7.634	113	62420	42.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.140%
50) Toluene-d8	10.103	98	237206	39.032	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.060%
62) 4-Bromofluorobenzene	12.402	95	70287	36.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	56348	40.078	ug/l	98
3) Chloromethane	2.068	50	123754	41.844	ug/l	97
4) Vinyl Chloride	2.202	62	174062	52.678	ug/l	99
5) Bromomethane	2.592	94	141829	52.728	ug/l	98
6) Chloroethane	2.733	64	122520	59.602	ug/l	96
7) Trichlorofluoromethane	3.050	101	156156	46.678	ug/l	98
8) Diethyl Ether	3.458	74	43057	53.630	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.812	101	66020	45.458	ug/l	99
10) Methyl Iodide	4.007	142	72138	42.915	ug/l	98
11) Tert butyl alcohol	4.854	59	35711	317.570	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	67155	46.595	ug/l	94
13) Acrolein	3.653	56	7463	45.397	ug/l	93
14) Allyl chloride	4.385	41	98704	39.058	ug/l	95
15) Acrylonitrile	5.061	53	103710	313.501	ug/l	99
16) Acetone	3.866	43	110655	400.754	ug/l	97
17) Carbon Disulfide	4.104	76	208241	44.308	ug/l	97
18) Methyl Acetate	4.385	43	84160	96.672	ug/l	95
19) Methyl tert-butyl Ether	5.110	73	218891	55.081	ug/l	97
20) Methylene Chloride	4.610	84	87018	48.772	ug/l	92
21) trans-1,2-Dichloroethene	5.116	96	73716	46.338	ug/l	93
22) Diisopropyl ether	6.019	45	245578	46.017	ug/l	96
23) Vinyl Acetate	5.958	43	209354	64.934	ug/l	98
24) 1,1-Dichloroethane	5.915	63	139506	46.790	ug/l	98
25) 2-Butanone	6.890	43	148252	320.987	ug/l	99
26) 2,2-Dichloropropane	6.884	77	112808	42.539	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	89679	48.851	ug/l	96
28) Bromochloromethane	7.244	49	64533	50.744	ug/l	95
29) Tetrahydrofuran	7.262	42	90620	304.973	ug/l	94
30) Chloroform	7.421	83	142853	49.952	ug/l	100
31) Cyclohexane	7.701	56	125366	42.084	ug/l	96
32) 1,1,1-Trichloroethane	7.616	97	119863	45.684	ug/l	99
36) 1,1-Dichloropropene	7.835	75	98113	40.143	ug/l	99
37) Ethyl Acetate	6.982	43	56188	47.780	ug/l	98
38) Carbon Tetrachloride	7.817	117	99798	39.447	ug/l	98
39) Methylcyclohexane	9.109	83	138464	42.168	ug/l	95
40) Benzene	8.079	78	337331	46.557	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.262	41	86281	110.606	ug/l #	45
42) 1,2-Dichloroethane	8.158	62	93895	47.921	ug/l	99
43) Isopropyl Acetate	8.195	43	118747	46.301	ug/l	98
44) Trichloroethene	8.866	130	76767	42.611	ug/l	96
45) 1,2-Dichloropropane	9.140	63	77314	44.259	ug/l	100
46) Dibromomethane	9.231	93	47093	49.983	ug/l	98
47) Bromodichloromethane	9.420	83	110805	45.333	ug/l	97
48) Methyl methacrylate	9.219	41	61695	51.439	ug/l	93
49) 1,4-Dioxane	9.225	88	12584	1182.288	ug/l	87
51) 4-Methyl-2-Pentanone	9.993	43	331638	263.537	ug/l	96
52) Toluene	10.170	92	270916	59.047	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	100132	41.978	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	111408	40.765	ug/l	95
55) 1,1,2-Trichloroethane	10.573	97	63450	52.591	ug/l	97
56) Ethyl methacrylate	10.438	69	86668	46.116	ug/l	97
57) 1,3-Dichloropropane	10.713	76	106036	49.466	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	233392	276.682	ug/l	97
59) 2-Hexanone	10.755	43	229677	272.212	ug/l	98
60) Dibromochloromethane	10.908	129	74674	47.686	ug/l	99
61) 1,2-Dibromoethane	11.012	107	57989	51.569	ug/l	100
64) Tetrachloroethene	10.646	164	86840	44.540	ug/l	97
65) Chlorobenzene	11.438	112	202100	42.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	72002	44.010	ug/l	99
67) Ethyl Benzene	11.518	91	610361	68.483	ug/l	98
68) m/p-Xylenes	11.621	106	644327	191.856	ug/l	97
69) o-Xylene	11.950	106	336339	105.852	ug/l	97
70) Styrene	11.969	104	229737	42.862	ug/l	85
71) Bromoform	12.133	173	41163	46.614	ug/l #	100
73) Isopropylbenzene	12.255	105	380671	50.067	ug/l	100
74) N-amyl acetate	12.066	43	39779	18.293	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.505	83	67117	57.399	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	87443	94.045	ug/l #	100
77) Bromobenzene	12.530	156	74750	46.031	ug/l	100
78) n-propylbenzene	12.591	91	533019	58.120	ug/l	100
79) 2-Chlorotoluene	12.676	91	302269	59.976	ug/l	86
80) 1,3,5-Trimethylbenzene	12.737	105	429588	69.992	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	17234	37.548	ug/l	97
82) 4-Chlorotoluene	12.779	91	214721	41.421	ug/l	97
83) tert-Butylbenzene	12.993	119	230609	42.273	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1031502	169.301	ug/l	98
85) sec-Butylbenzene	13.176	105	368553	45.512	ug/l	100
86) p-Isopropyltoluene	13.292	119	291194	42.756	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	138719	41.845	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	134979	42.329	ug/l	99
89) n-Butylbenzene	13.615	91	289529	44.935	ug/l	90
90) Hexachloroethane	13.883	117	61677	44.862	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	121088	43.485	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	11322	60.046	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	52505	32.643	ug/l #	89
94) Hexachlorobutadiene	15.023	225	25002	27.873	ug/l	97
95) Naphthalene	15.145	128	206730	67.728	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	45418	33.285	ug/l #	69

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QLast Update : Fri May 16 01:42:09 2025
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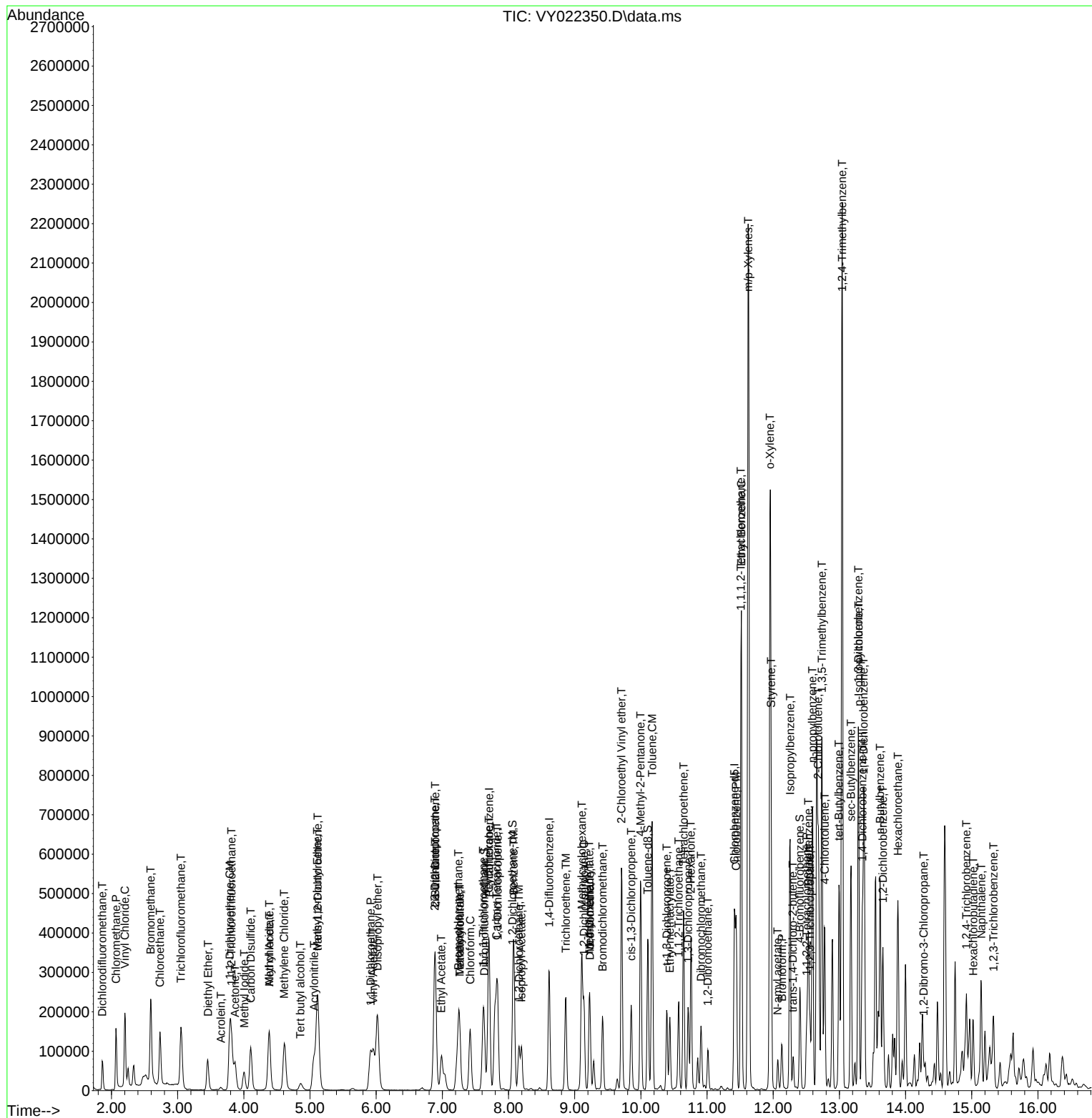
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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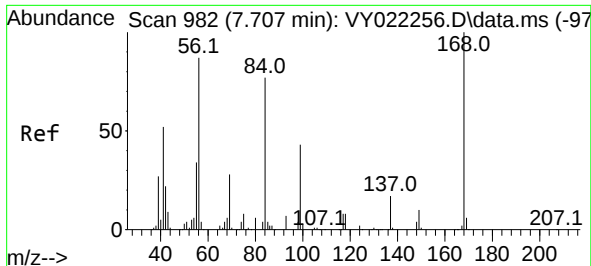
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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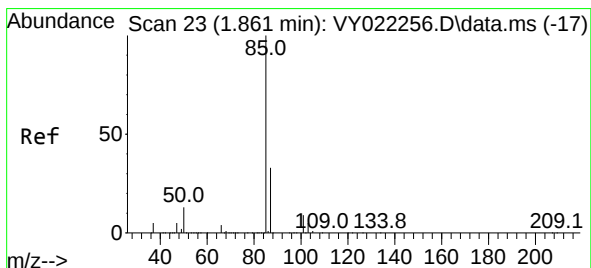
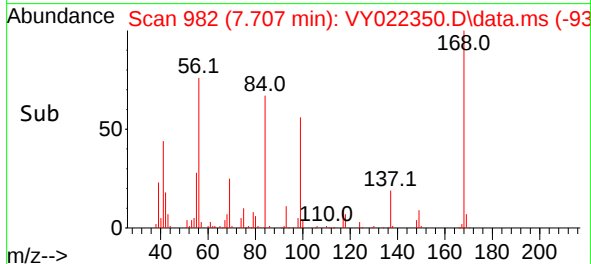
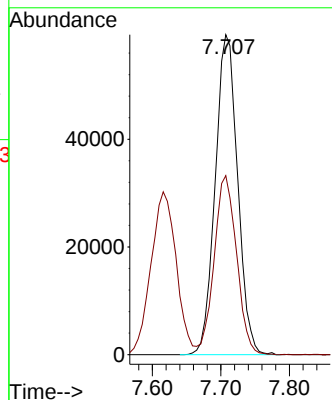
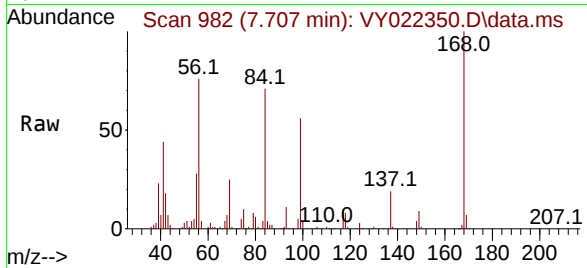




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022350.D
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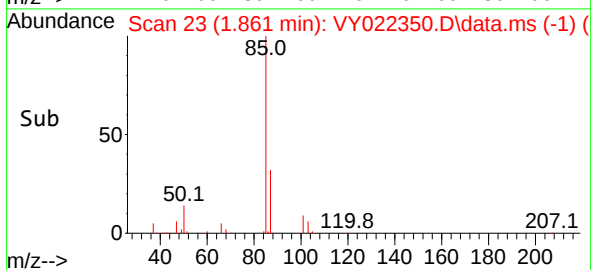
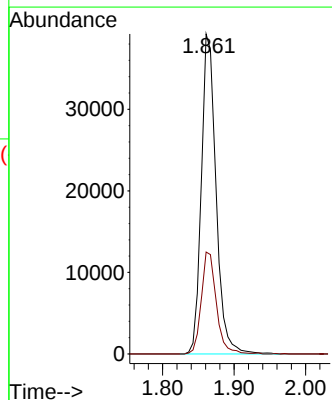
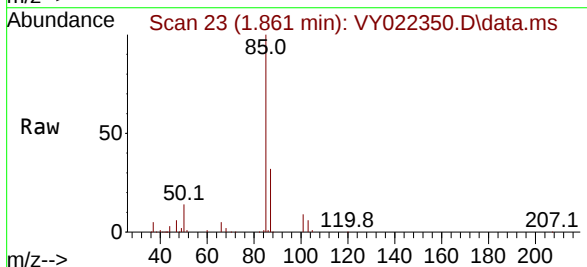
Instrument :
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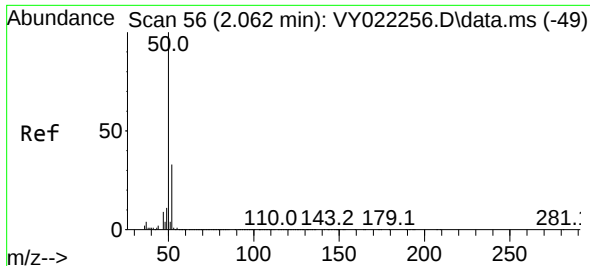
Tgt Ion:168 Resp: 134739
Ion Ratio Lower Upper
168 100
99 55.9 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 40.078 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 85 Resp: 56348
Ion Ratio Lower Upper
85 100
87 31.8 16.5 49.5

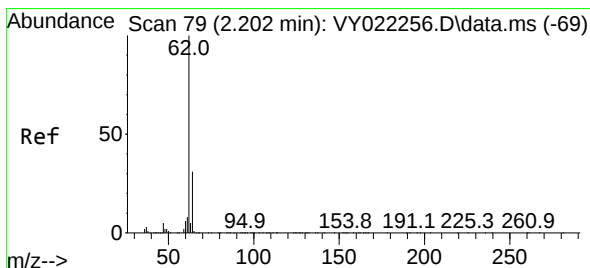
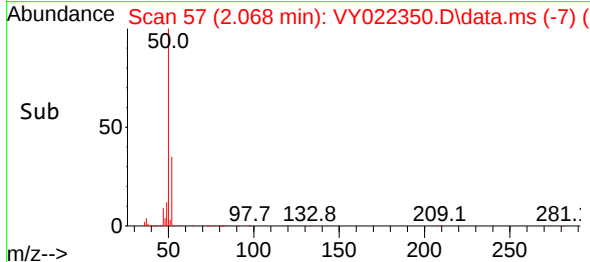
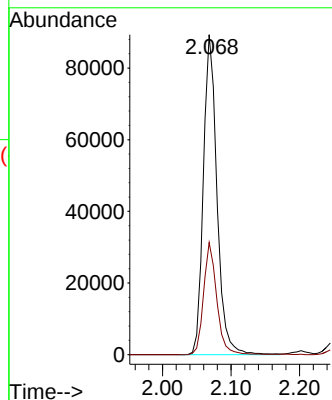
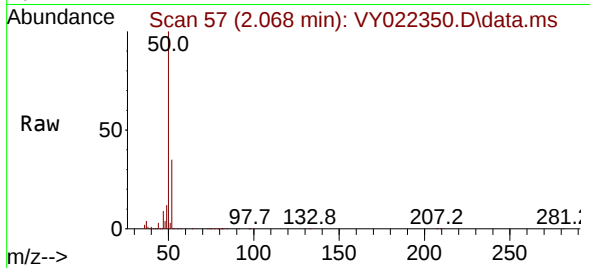




#3
Chloromethane
Concen: 41.844 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

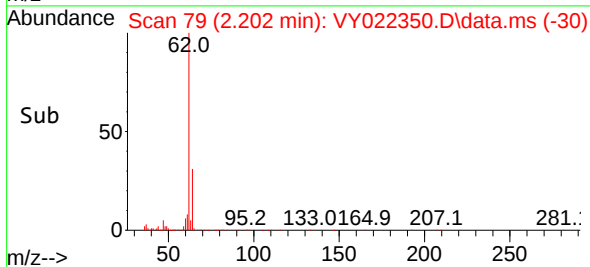
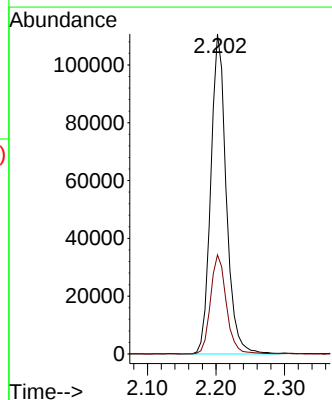
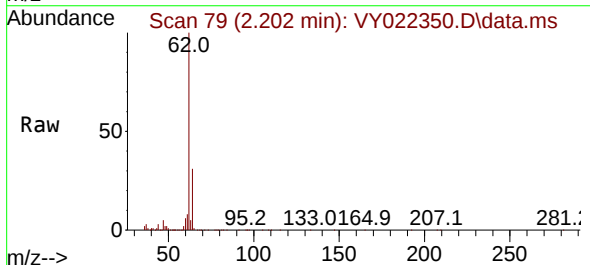
Instrument :
MSVOA_Y
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Tgt Ion: 50 Resp: 123754
Ion Ratio Lower Upper
50 100
52 35.1 26.5 39.7



#4
Vinyl Chloride
Concen: 52.678 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 62 Resp: 174062
Ion Ratio Lower Upper
62 100
64 30.9 24.5 36.7

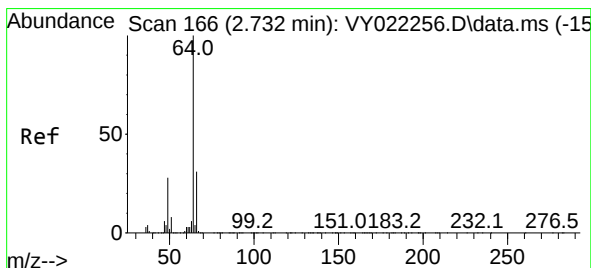
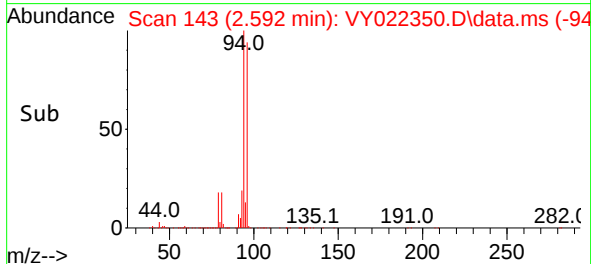
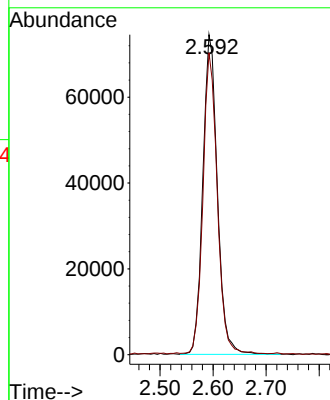
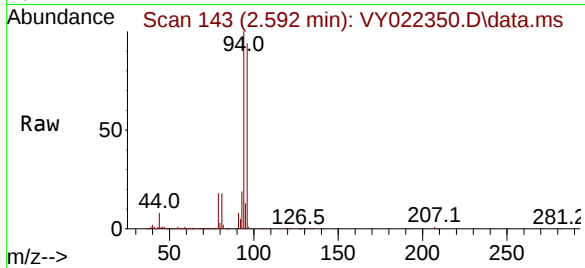




#5
Bromomethane
Concen: 52.728 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

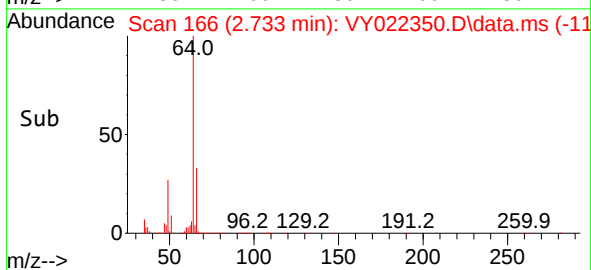
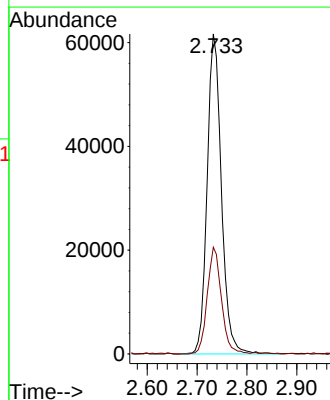
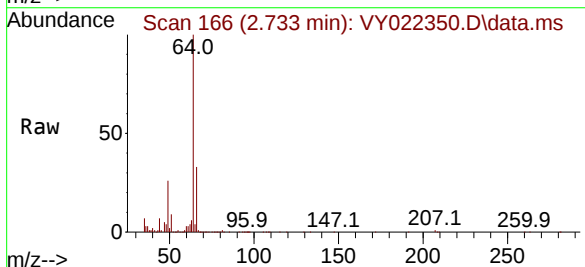
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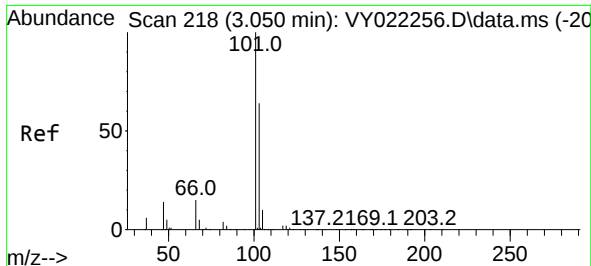
Tgt Ion: 94 Resp: 141829
Ion Ratio Lower Upper
94 100
96 94.1 73.4 110.0



#6
Chloroethane
Concen: 59.602 ug/l
RT: 2.733 min Scan# 166
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 122520
Ion Ratio Lower Upper
64 100
66 33.3 24.8 37.2

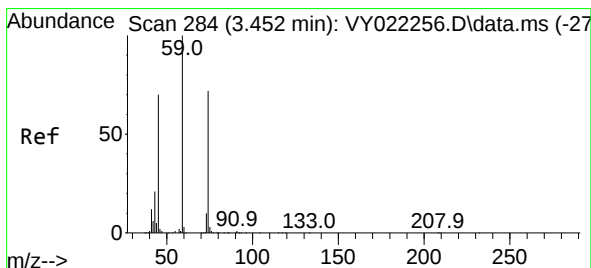
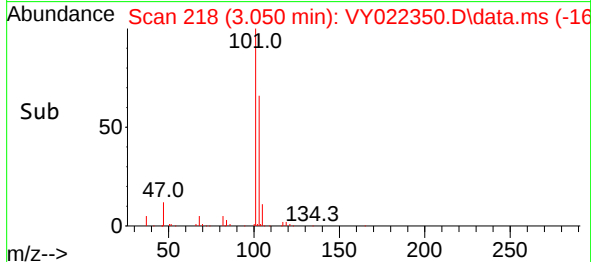
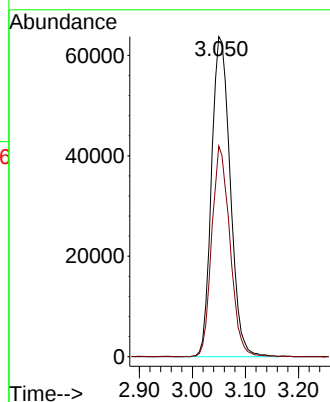
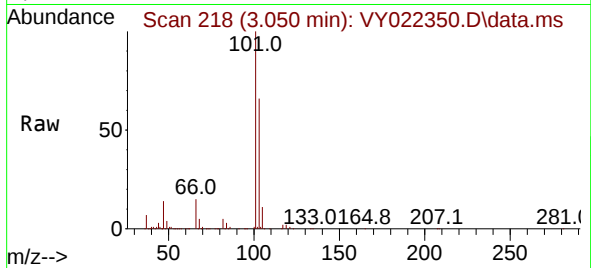




#7
 Trichlorofluoromethane
 Concen: 46.678 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

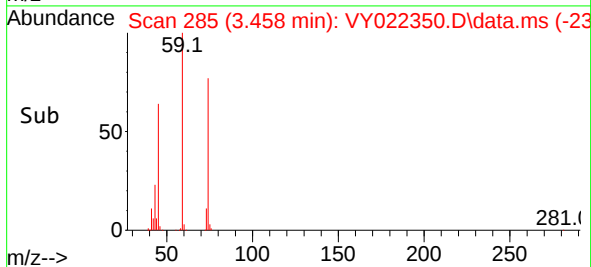
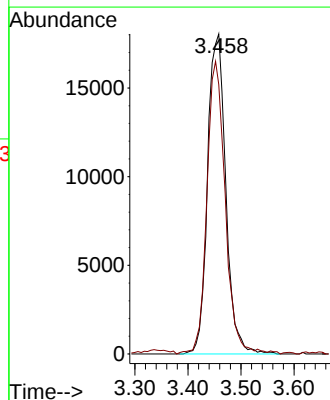
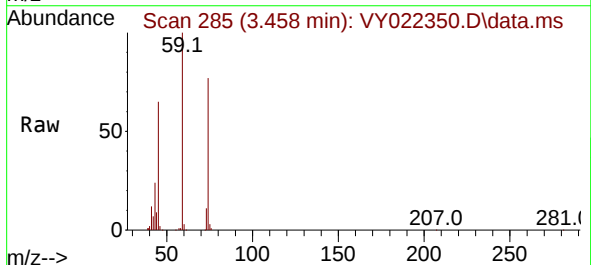
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Tgt Ion:101 Resp: 156156
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5



#8
 Diethyl Ether
 Concen: 53.630 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.006 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

Tgt Ion: 74 Resp: 43057
 Ion Ratio Lower Upper
 74 100
 45 91.8 48.6 145.8

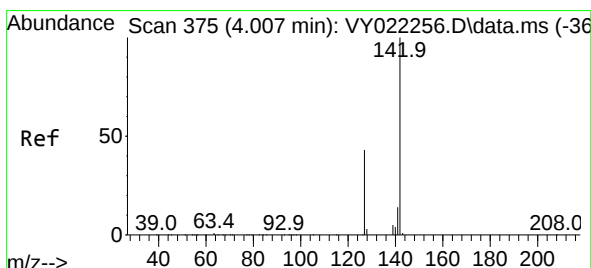
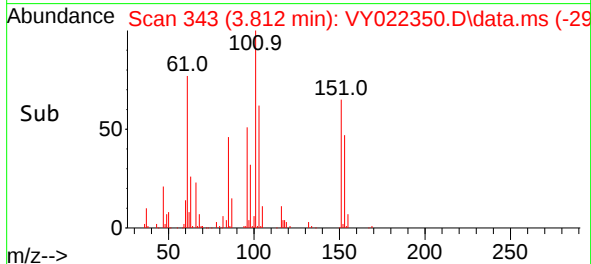
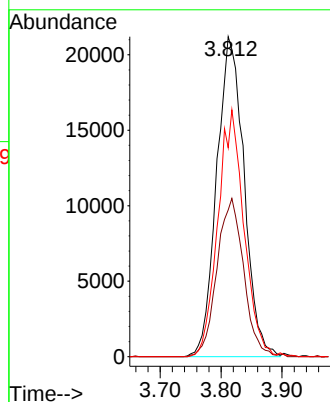
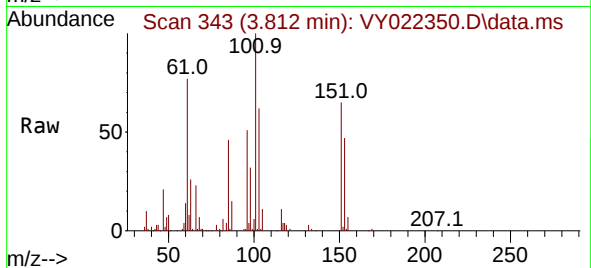




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.458 ug/l
RT: 3.812 min Scan# 344
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

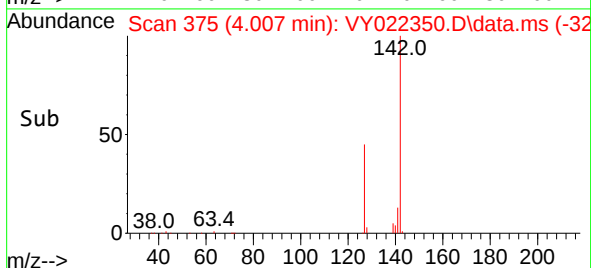
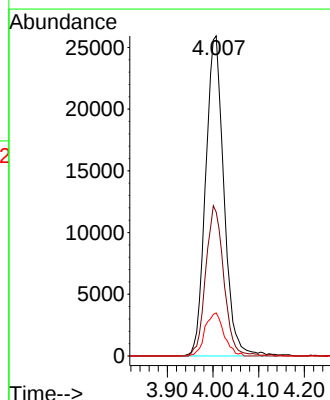
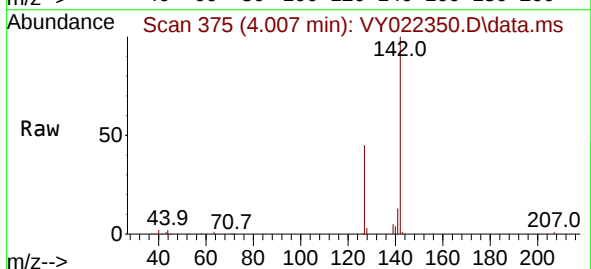
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

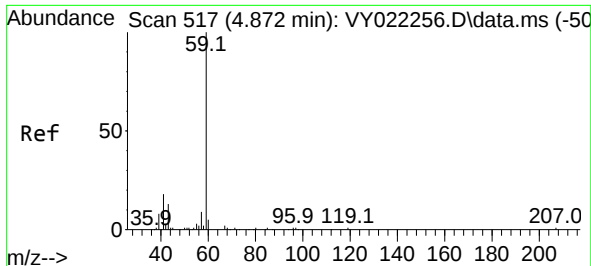
Tgt Ion:101 Resp: 66020
Ion Ratio Lower Upper
101 100
85 48.1 38.6 58.0
151 73.6 59.7 89.5



#10
Methyl Iodide
Concen: 42.915 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion:142 Resp: 72138
Ion Ratio Lower Upper
142 100
127 46.1 35.7 53.5
141 14.0 11.1 16.7

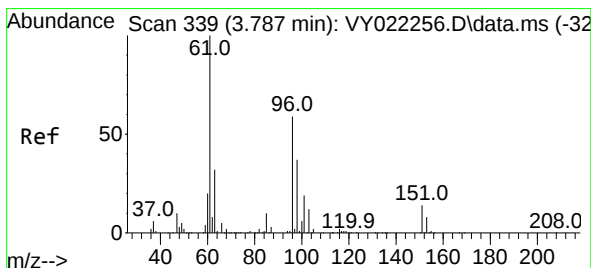
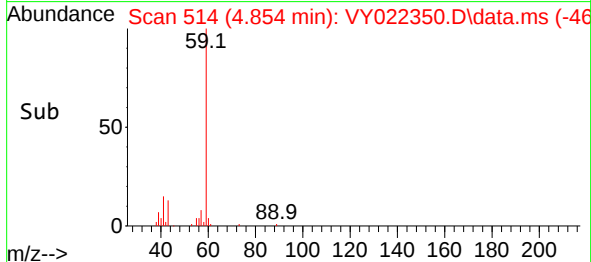
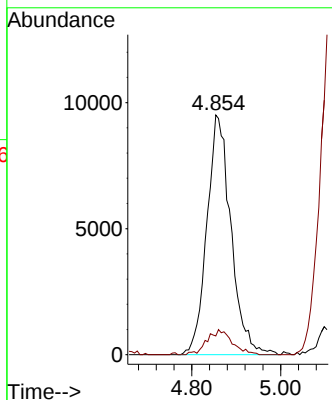
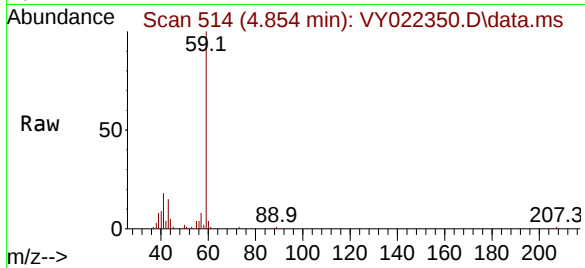




#11
Tert butyl alcohol
Concen: 317.570 ug/l
RT: 4.854 min Scan# 517
Delta R.T. -0.018 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

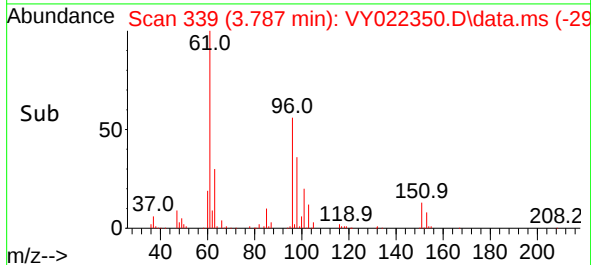
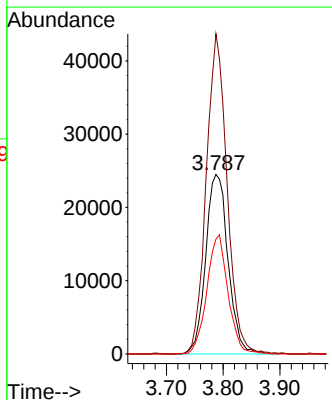
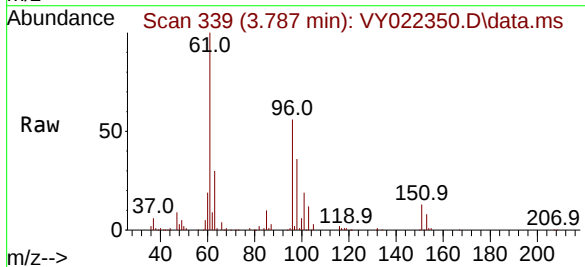
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

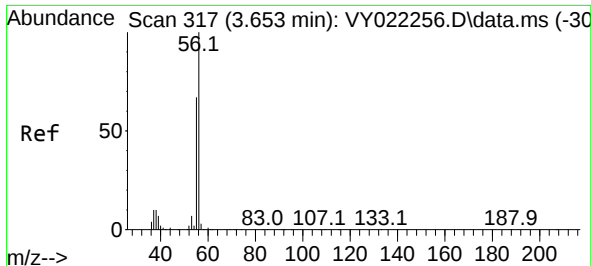
Tgt Ion: 59 Resp: 35711
Ion Ratio Lower Upper
59 100
57 10.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 46.595 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 96 Resp: 67155
Ion Ratio Lower Upper
96 100
61 178.1 134.9 202.3
98 64.0 49.9 74.9





#13

Acrolein

Concen: 45.397 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

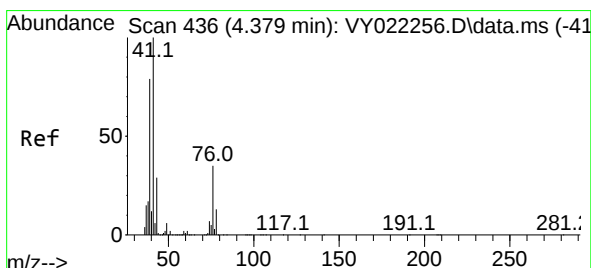
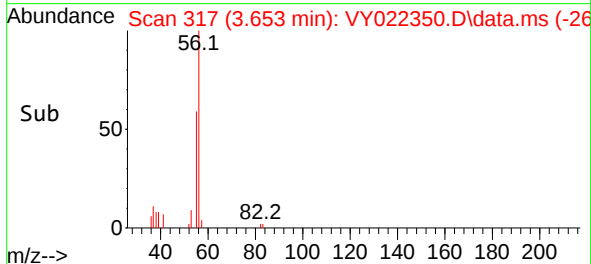
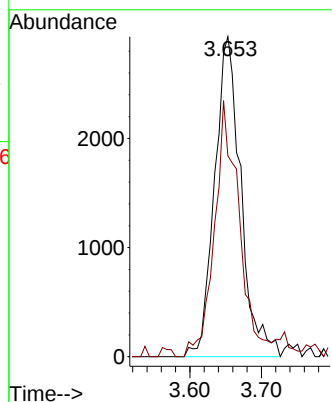
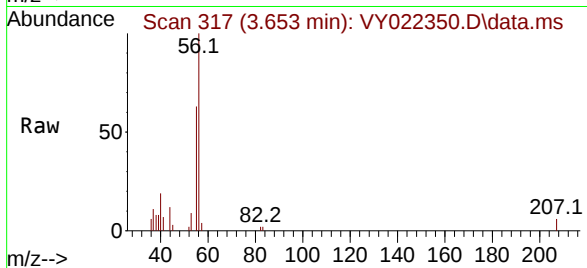
SS-11MS

Tgt Ion: 56 Resp: 7463

Ion Ratio Lower Upper

56 100

55 75.0 55.6 83.4



#14

Allyl chloride

Concen: 39.058 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

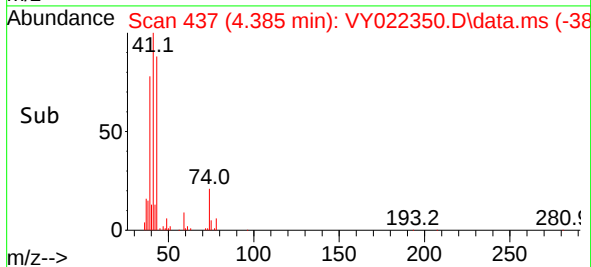
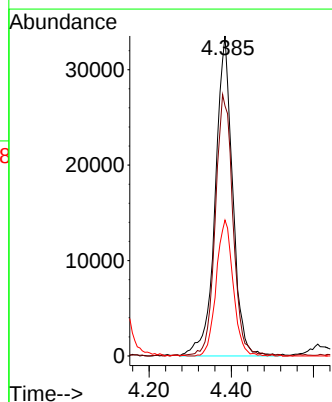
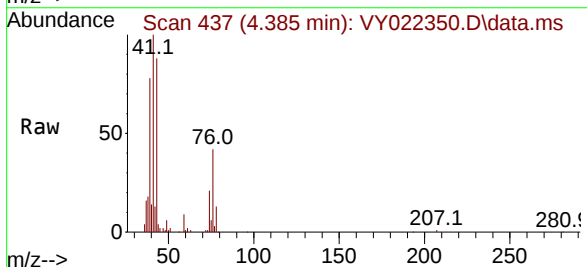
Tgt Ion: 41 Resp: 98704

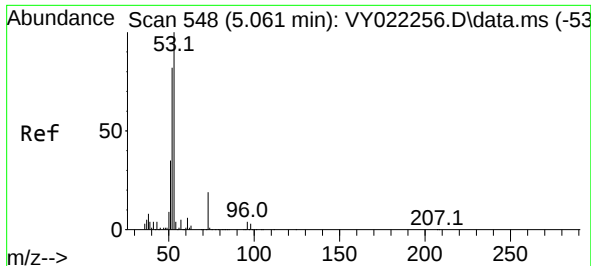
Ion Ratio Lower Upper

41 100

39 82.7 63.4 95.0

76 41.3 29.5 44.3

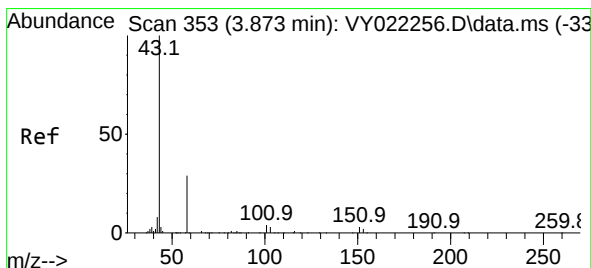
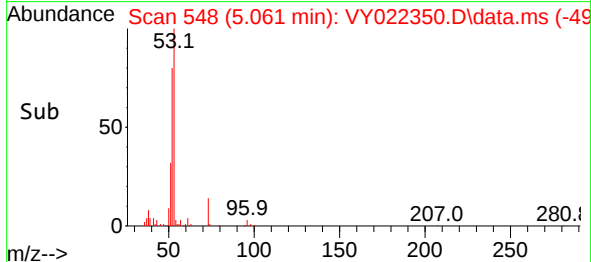
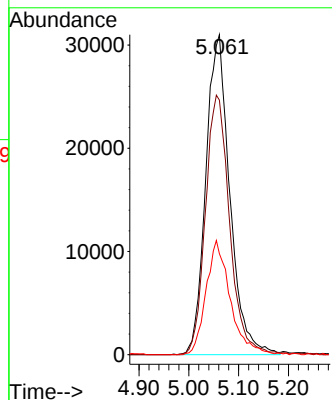
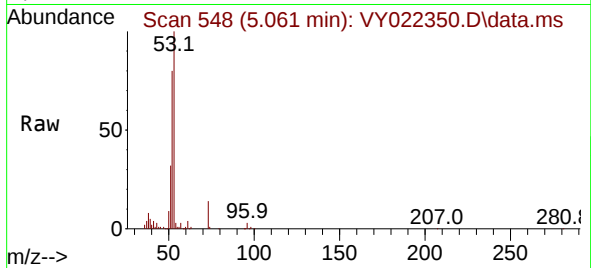




#15
Acrylonitrile
Concen: 313.501 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

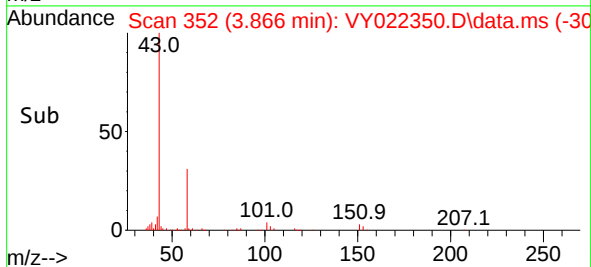
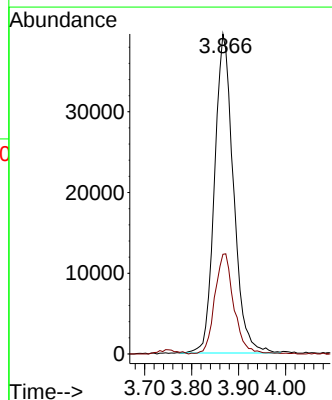
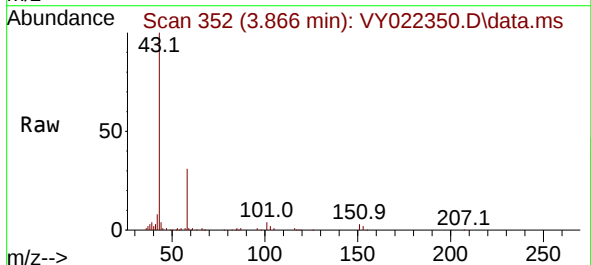
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

Tgt Ion: 53 Resp: 103710
Ion Ratio Lower Upper
53 100
52 81.8 66.1 99.1
51 35.9 30.0 45.0



#16
Acetone
Concen: 400.754 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 43 Resp: 110655
Ion Ratio Lower Upper
43 100
58 31.1 23.6 35.4

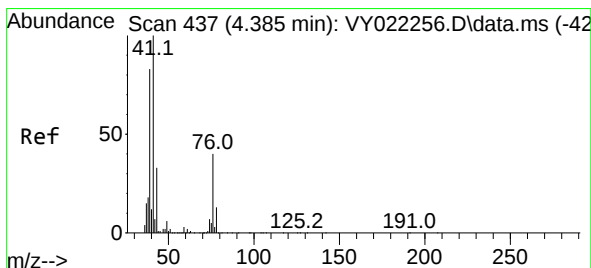
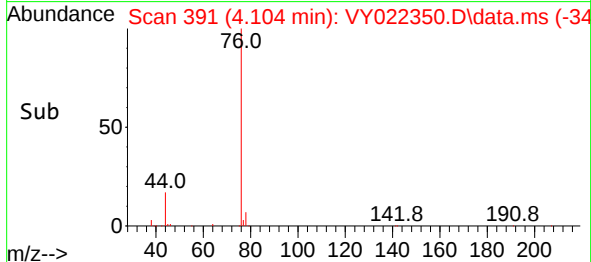
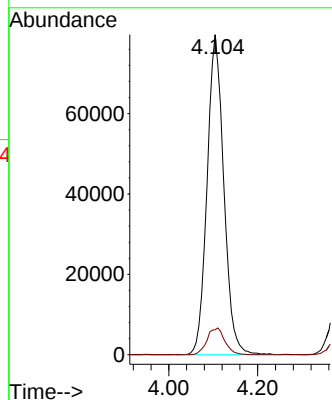
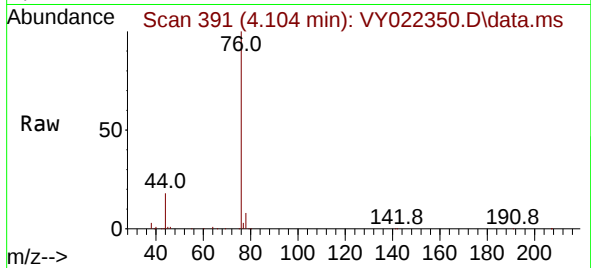




#17
Carbon Disulfide
Concen: 44.308 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

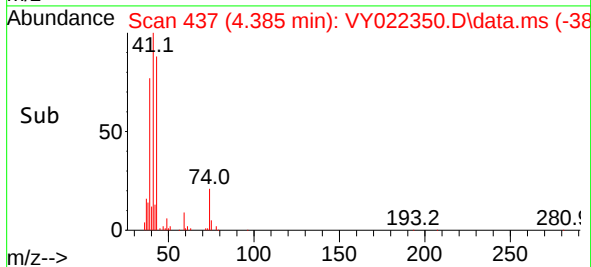
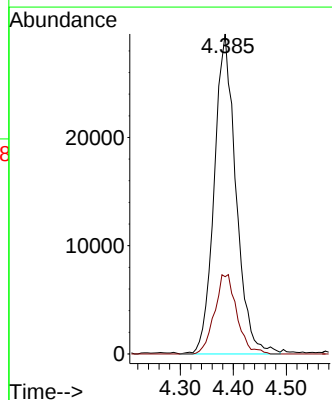
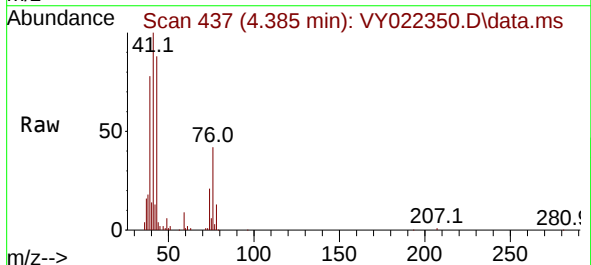
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

Tgt Ion: 76 Resp: 208241
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8



#18
Methyl Acetate
Concen: 96.672 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 43 Resp: 84160
Ion Ratio Lower Upper
43 100
74 25.5 18.2 27.4

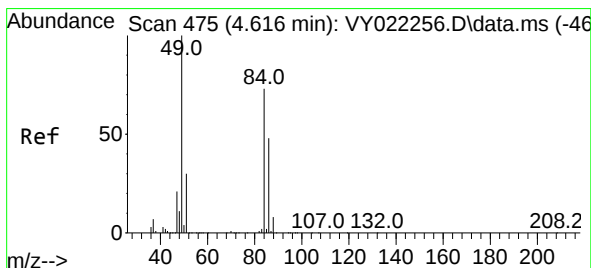
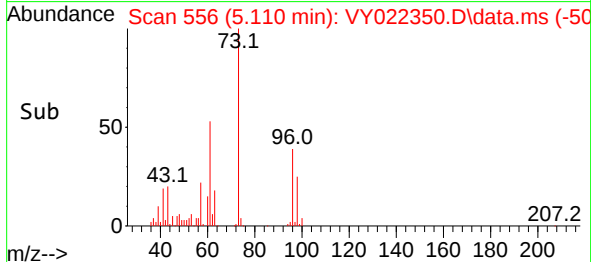
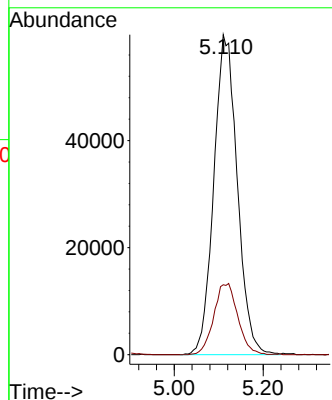
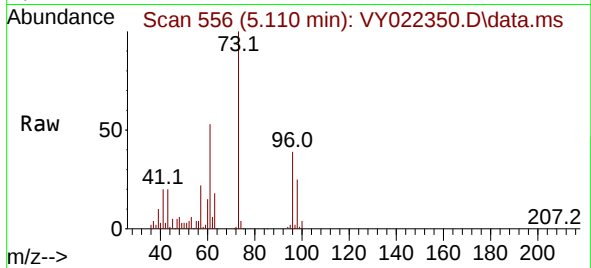




#19
Methyl tert-butyl Ether
Concen: 55.081 ug/l
RT: 5.110 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

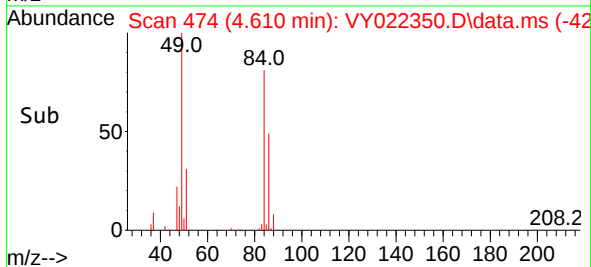
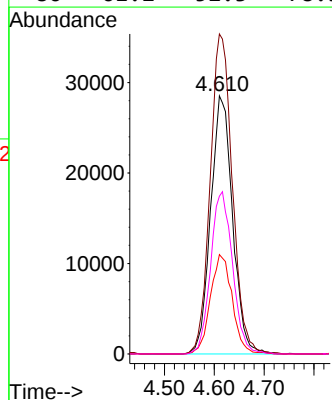
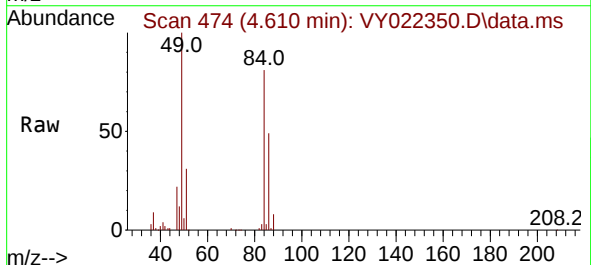
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

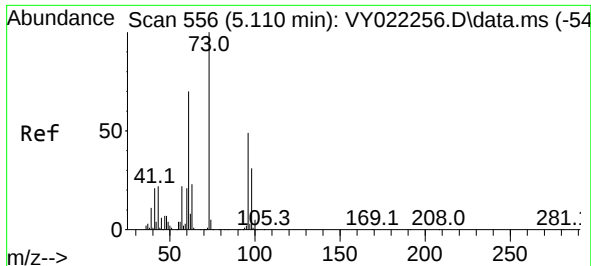
Tgt Ion: 73 Resp: 218891
Ion Ratio Lower Upper
73 100
57 21.8 18.6 28.0



#20
Methylene Chloride
Concen: 48.772 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 84 Resp: 87018
Ion Ratio Lower Upper
84 100
49 124.0 109.6 164.4
51 38.5 32.4 48.6
86 61.2 52.3 78.5

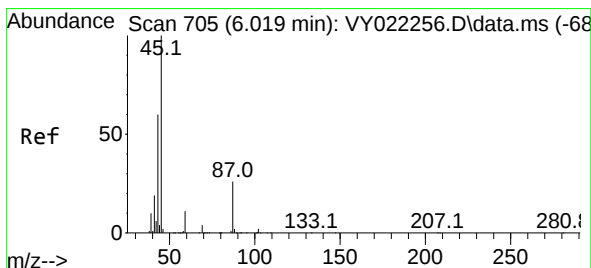
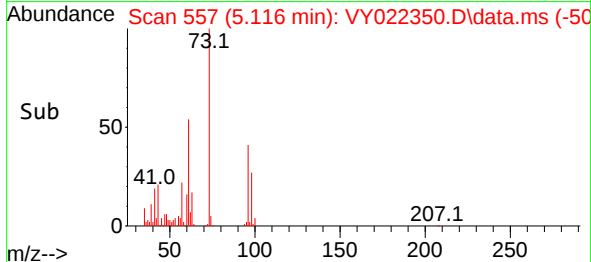
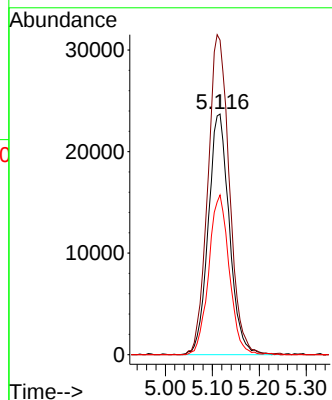
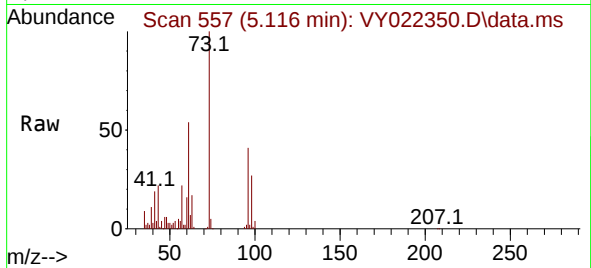




#21
trans-1,2-Dichloroethene
Concen: 46.338 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

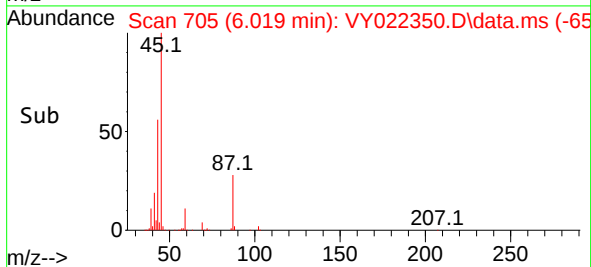
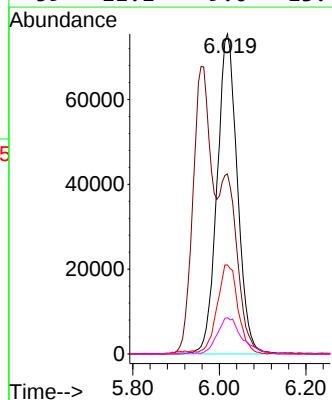
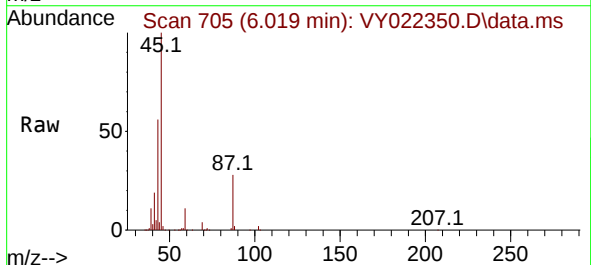
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

Tgt Ion: 96 Resp: 73716
Ion Ratio Lower Upper
96 100
61 130.7 113.4 170.0
98 66.4 50.9 76.3



#22
Diisopropyl ether
Concen: 46.017 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 45 Resp: 245578
Ion Ratio Lower Upper
45 100
43 55.9 48.2 72.2
87 27.9 21.4 32.0
59 11.1 9.0 13.4

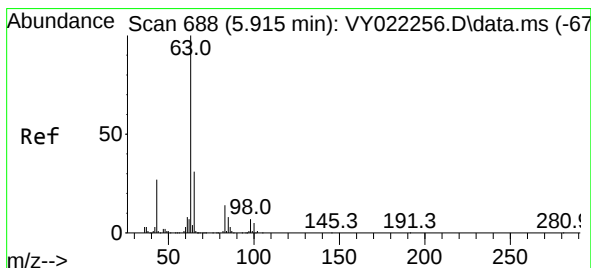
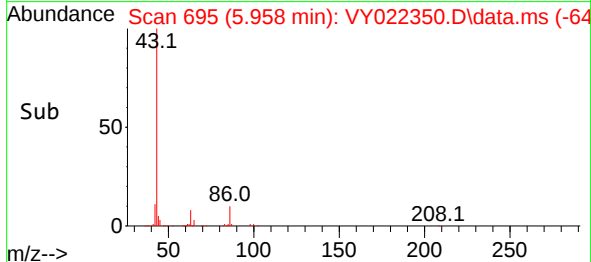
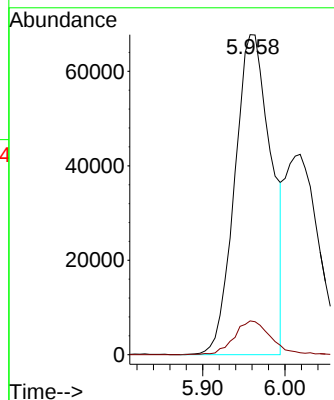
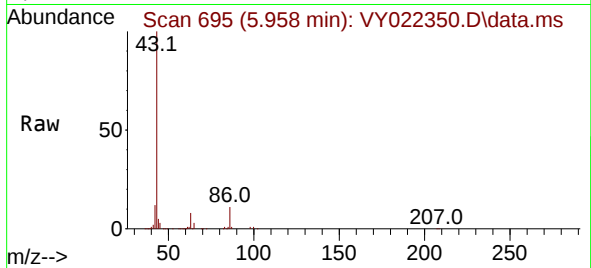




#23
 Vinyl Acetate
 Concen: 64.934 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

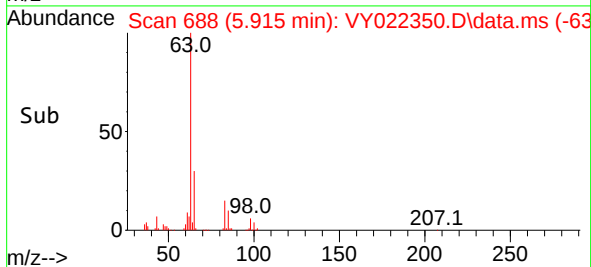
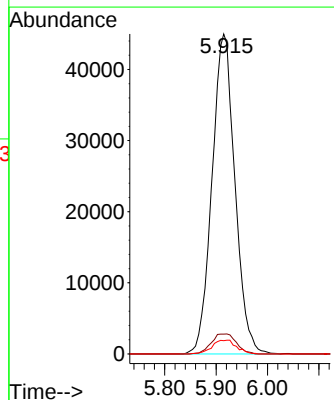
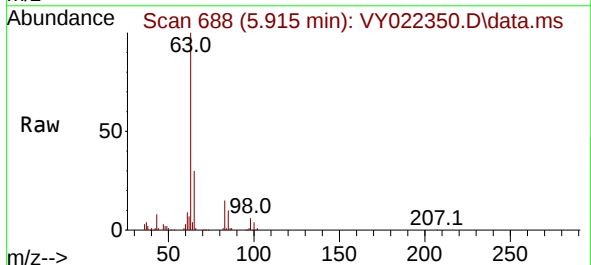
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MS

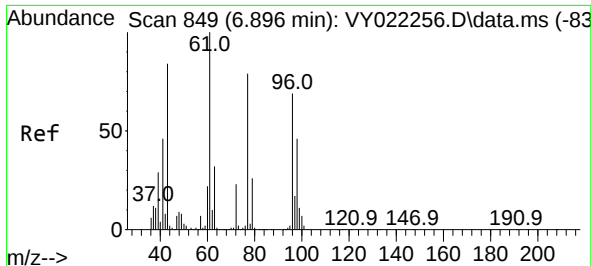
Tgt Ion: 43 Resp: 209354
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 46.790 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

Tgt Ion: 63 Resp: 139506
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.5
 100 4.2 2.4 7.2





#25

2-Butanone

Concen: 320.987 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

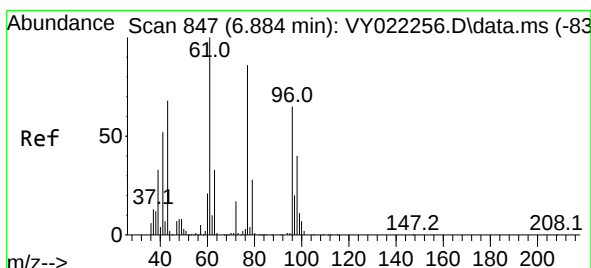
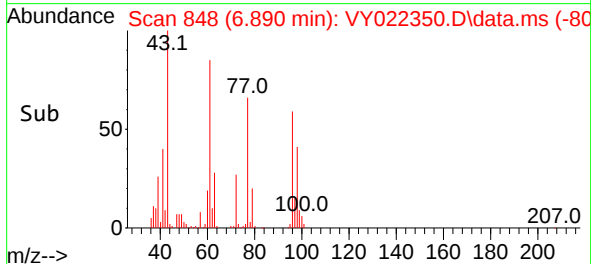
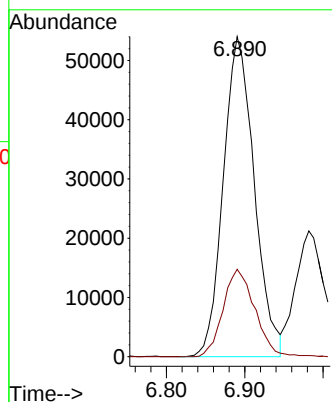
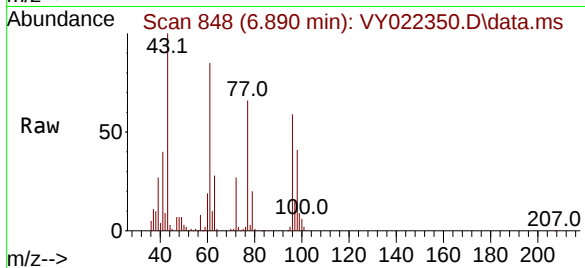
SS-11MS

Tgt Ion: 43 Resp: 148252

Ion Ratio Lower Upper

43 100

72 27.3 22.1 33.1



#26

2,2-Dichloropropane

Concen: 42.539 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY022350.D

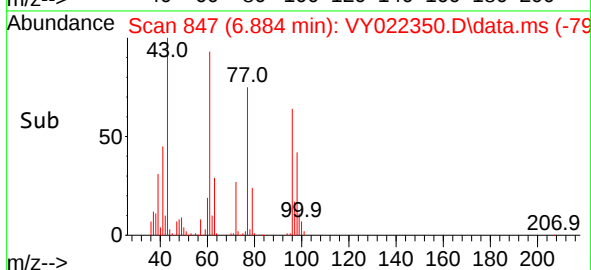
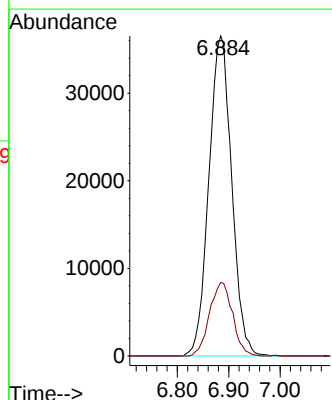
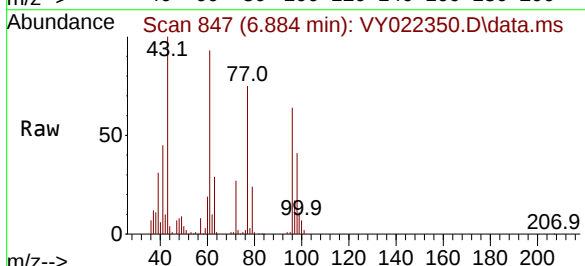
Acq: 20 May 2025 18:04

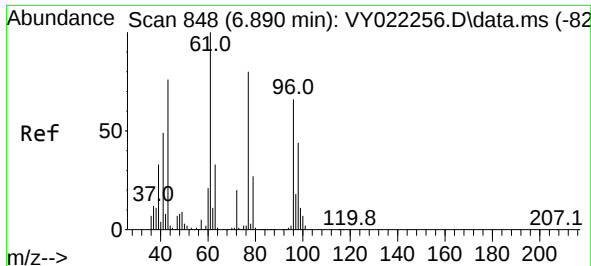
Tgt Ion: 77 Resp: 112808

Ion Ratio Lower Upper

77 100

97 23.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 48.851 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

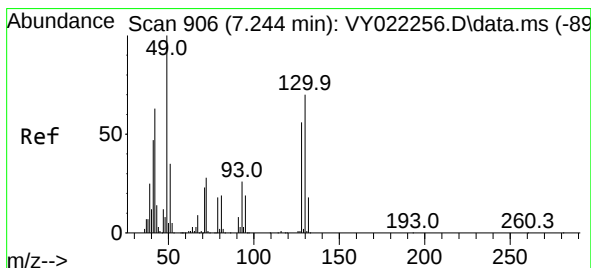
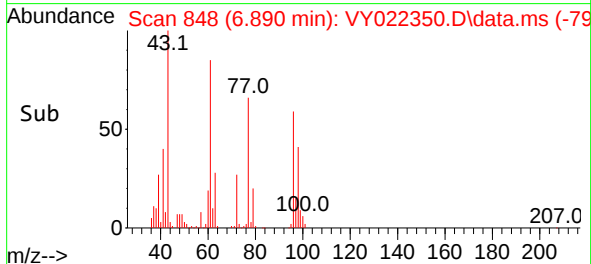
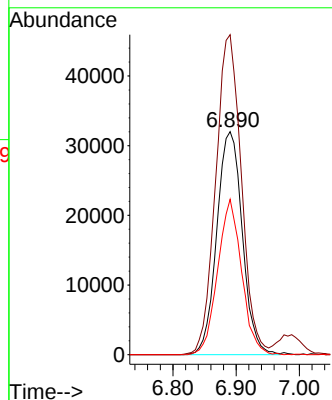
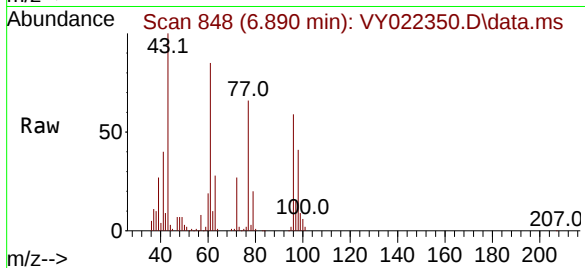
Tgt Ion: 96 Resp: 89679

Ion Ratio Lower Upper

96 100

61 144.4 0.0 302.6

98 65.3 0.0 128.8



#28

Bromochloromethane

Concen: 50.744 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

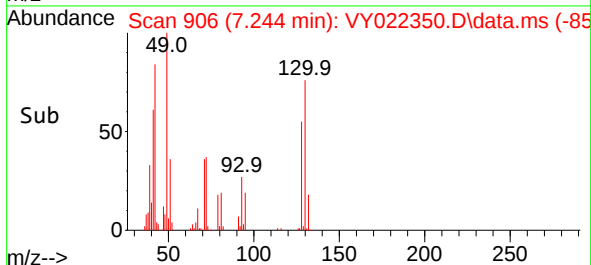
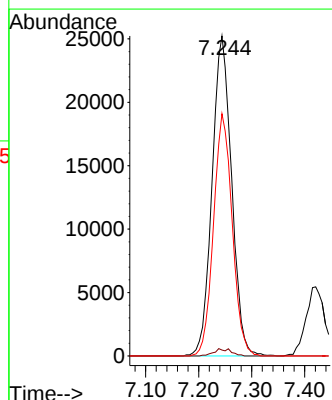
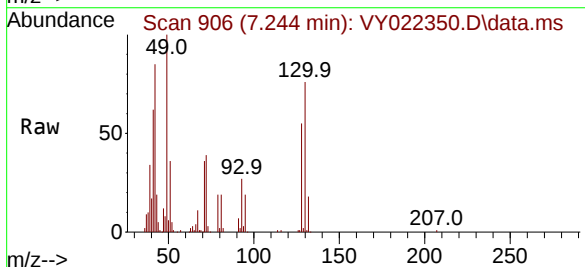
Tgt Ion: 49 Resp: 64533

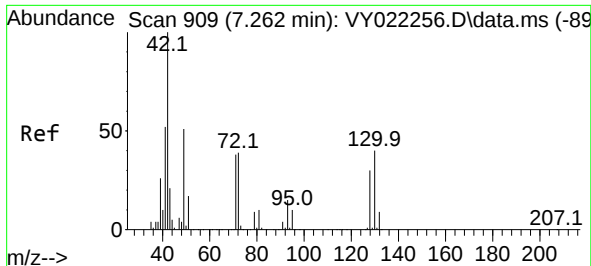
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 72.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 304.973 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

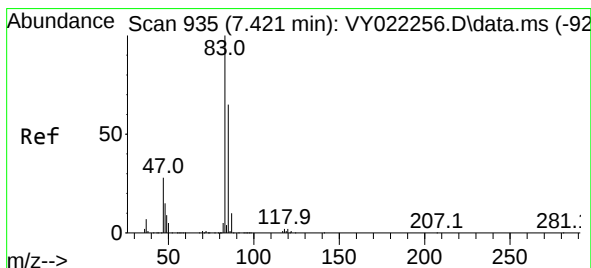
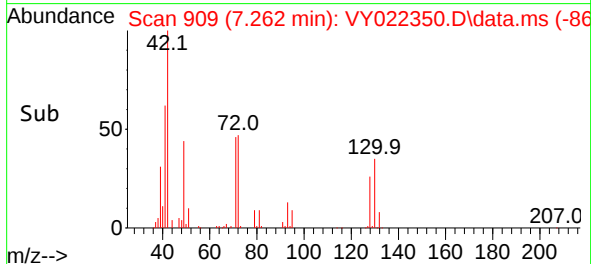
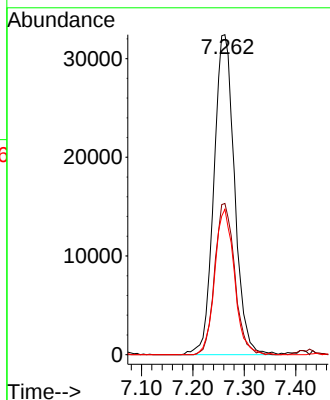
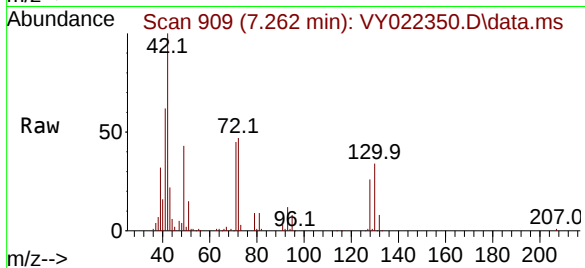
Tgt Ion: 42 Resp: 90620

Ion Ratio Lower Upper

42 100

72 45.6 33.8 50.6

71 43.2 31.5 47.3



#30

Chloroform

Concen: 49.952 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022350.D

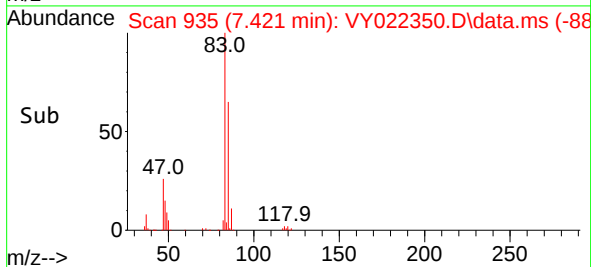
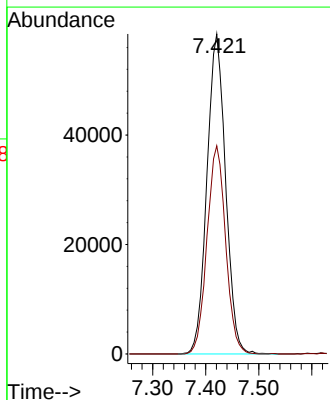
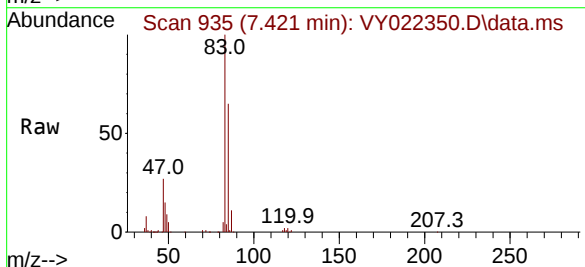
Acq: 20 May 2025 18:04

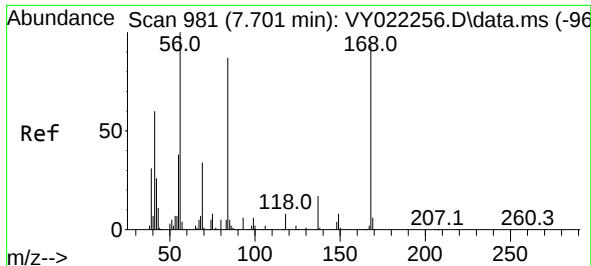
Tgt Ion: 83 Resp: 142853

Ion Ratio Lower Upper

83 100

85 65.0 51.8 77.8

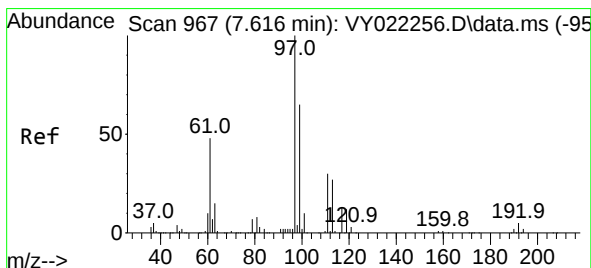
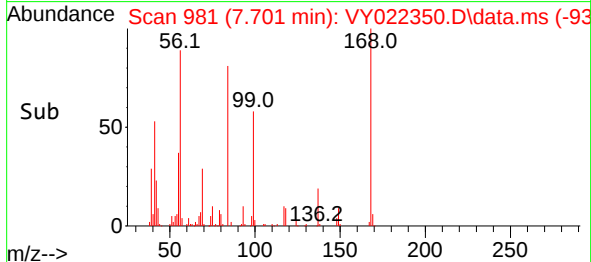
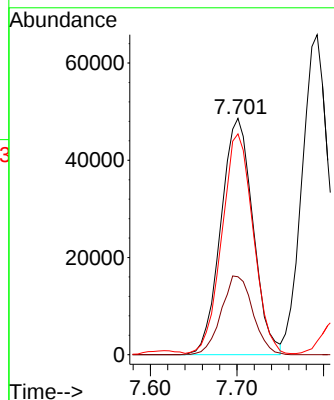
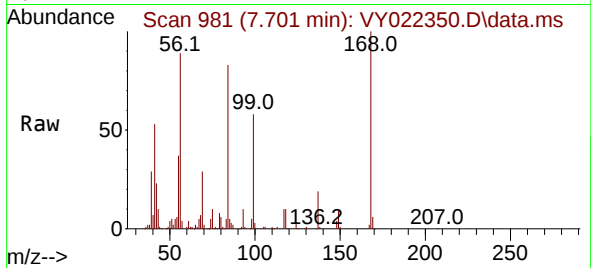




#31
Cyclohexane
Concen: 42.084 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

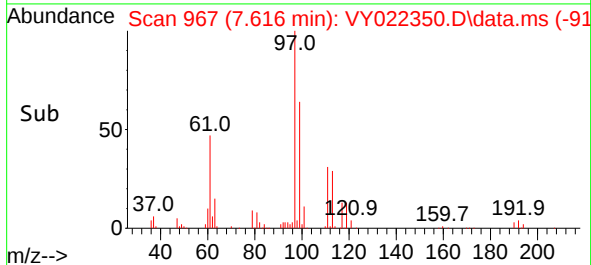
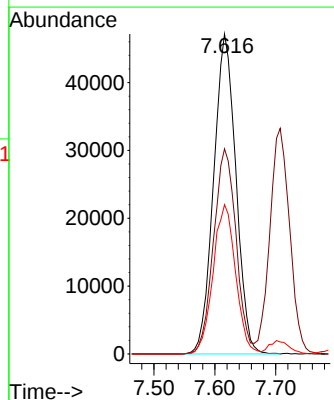
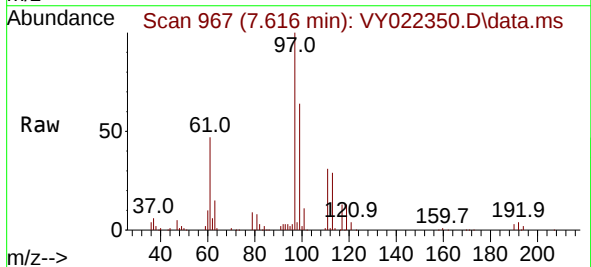
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

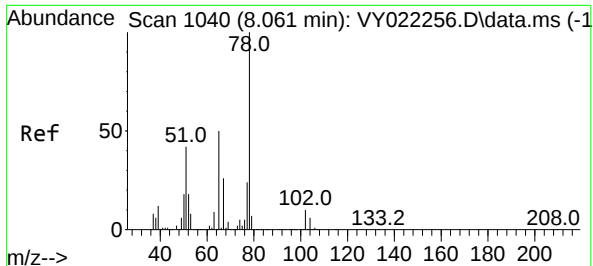
Tgt Ion: 56 Resp: 125366
Ion Ratio Lower Upper
56 100
69 33.0 27.4 41.2
84 92.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 45.684 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 97 Resp: 119863
Ion Ratio Lower Upper
97 100
99 65.0 51.4 77.0
61 47.2 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 49.156 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

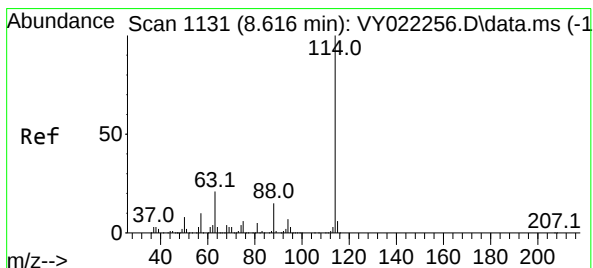
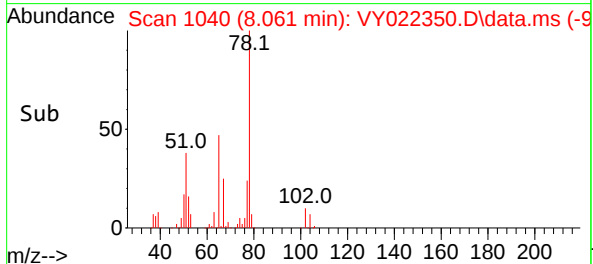
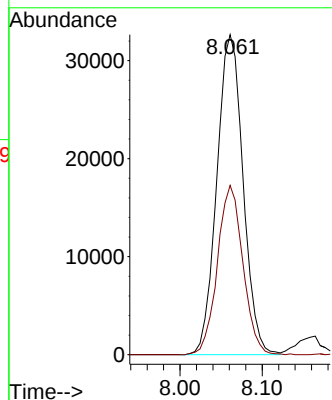
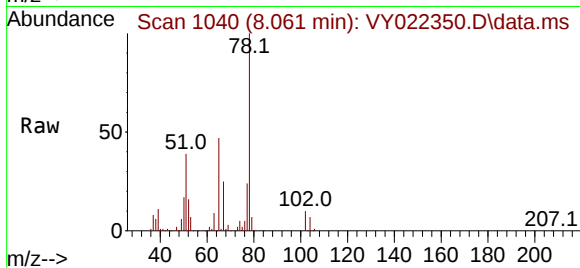
SS-11MS

Tgt Ion: 65 Resp: 72386

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

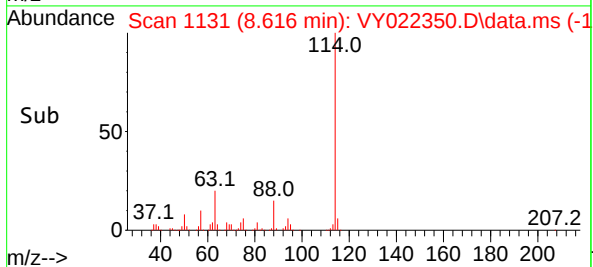
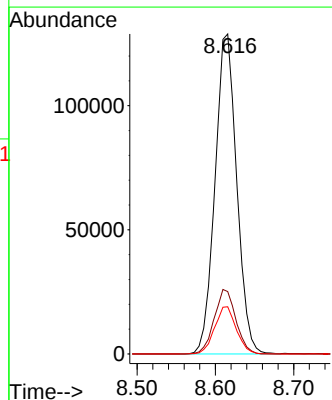
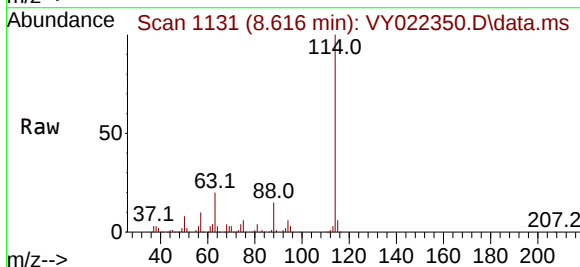
Tgt Ion: 114 Resp: 248613

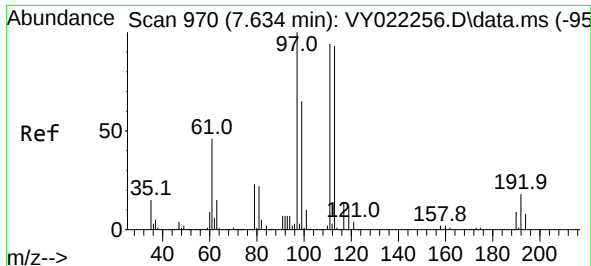
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 14.8 0.0 29.4





#35

Dibromofluoromethane

Concen: 42.066 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

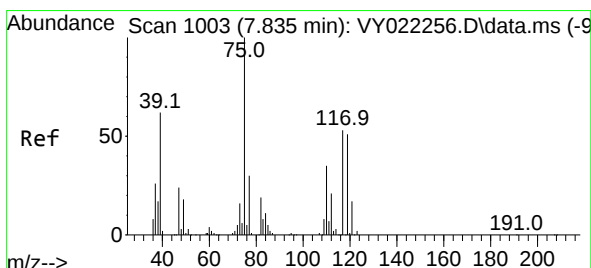
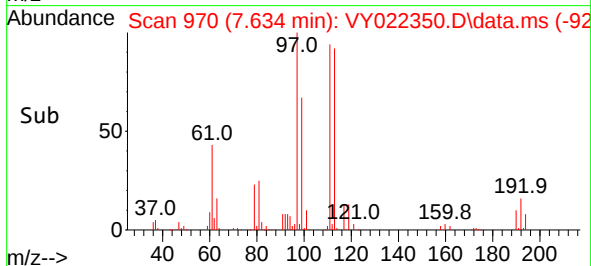
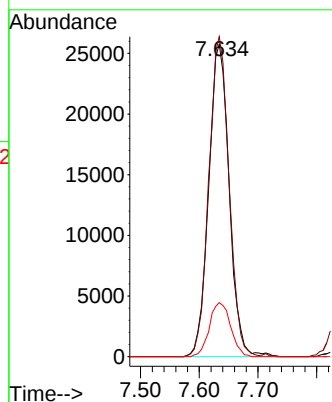
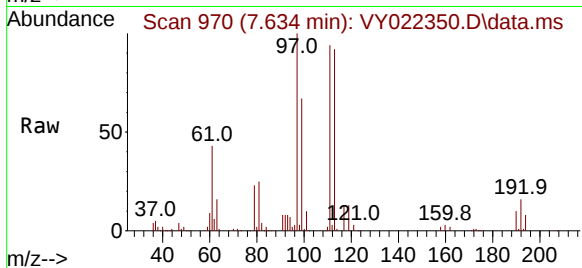
Tgt Ion:113 Resp: 62420

Ion Ratio Lower Upper

113 100

111 100.6 82.6 123.8

192 18.0 15.2 22.8



#36

1,1-Dichloropropene

Concen: 40.143 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

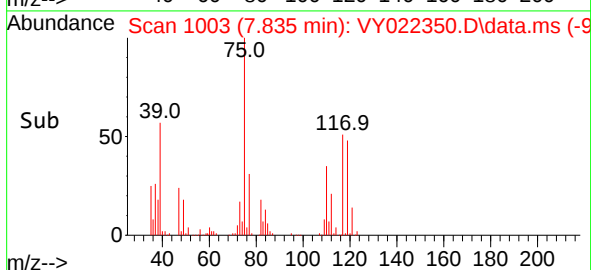
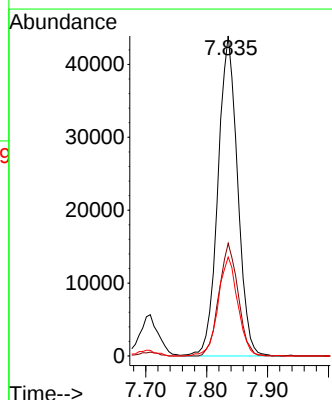
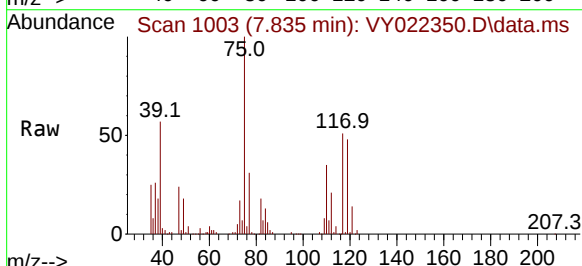
Tgt Ion: 75 Resp: 98113

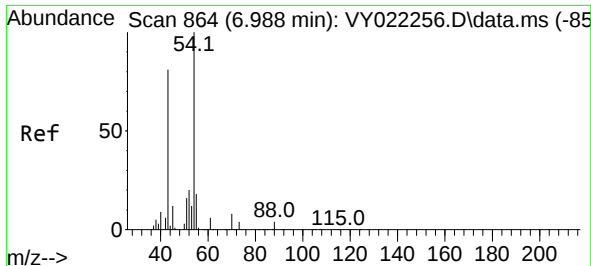
Ion Ratio Lower Upper

75 100

110 34.4 16.6 49.8

77 30.9 24.6 37.0





#37

Ethyl Acetate

Concen: 47.780 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

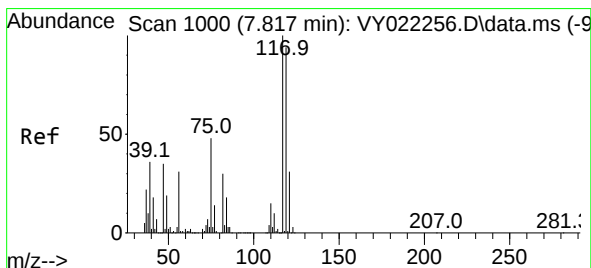
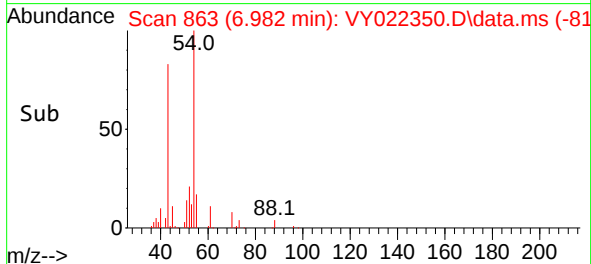
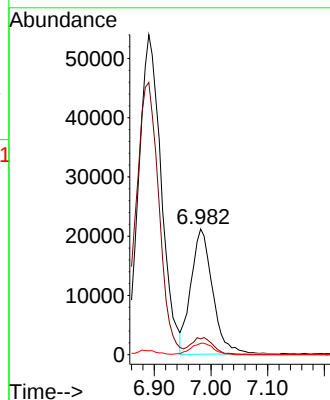
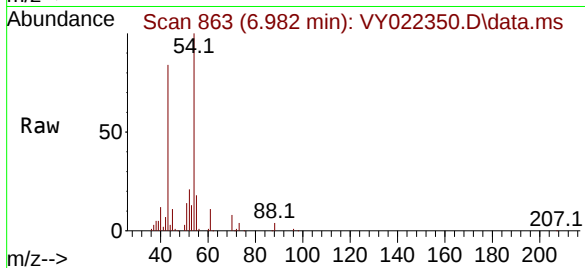
Tgt Ion: 43 Resp: 56188

Ion Ratio Lower Upper

43 100

61 14.2 10.2 15.2

70 9.6 7.6 11.4



#38

Carbon Tetrachloride

Concen: 39.447 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

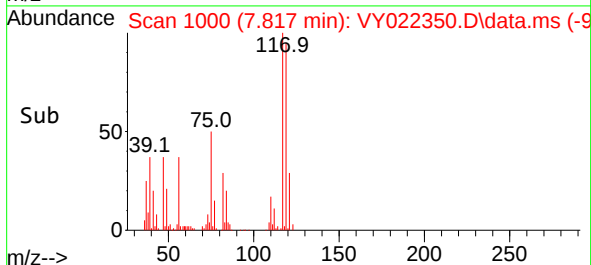
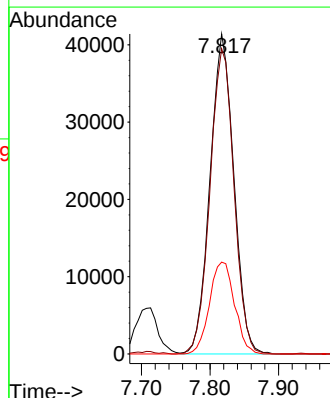
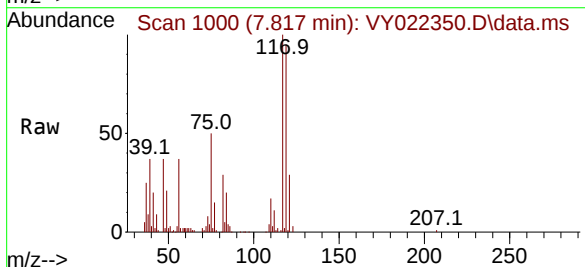
Tgt Ion: 117 Resp: 99798

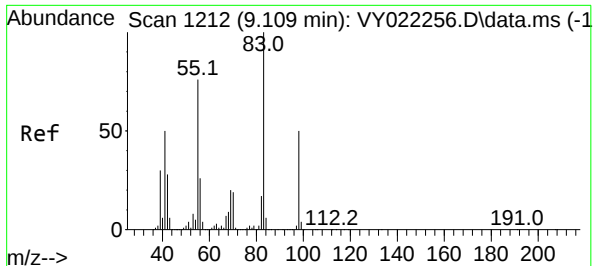
Ion Ratio Lower Upper

117 100

119 95.4 75.3 112.9

121 28.7 24.7 37.1





#39

Methylcyclohexane

Concen: 42.168 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

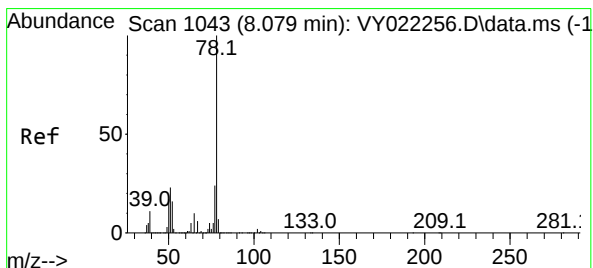
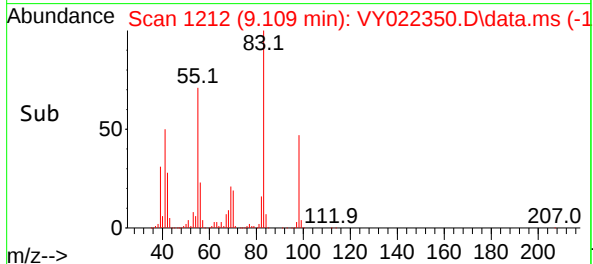
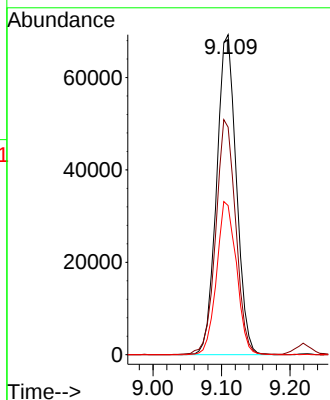
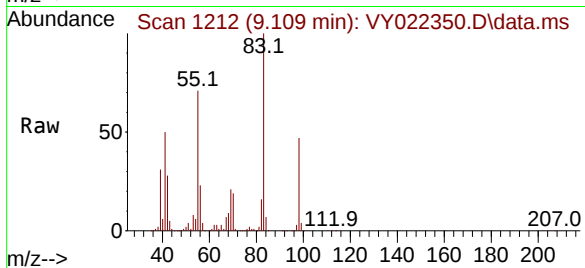
Tgt Ion: 83 Resp: 138464

Ion Ratio Lower Upper

83 100

55 71.0 60.6 90.8

98 46.6 40.0 60.0



#40

Benzene

Concen: 46.557 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022350.D

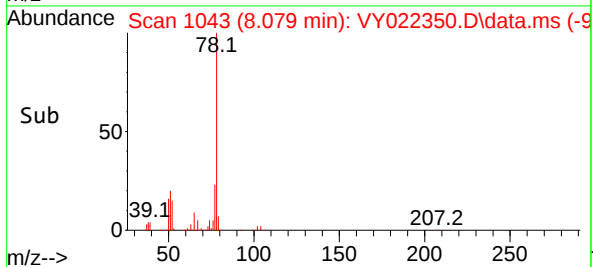
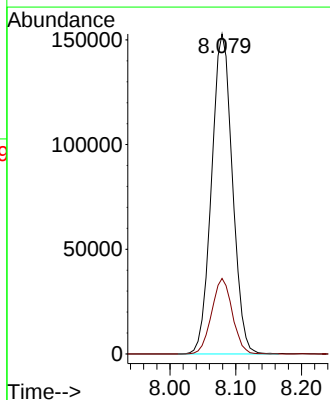
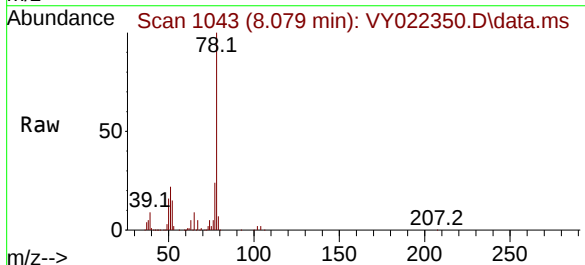
Acq: 20 May 2025 18:04

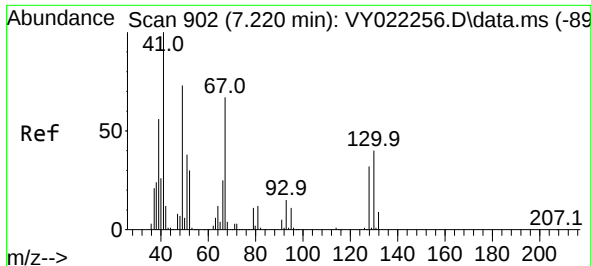
Tgt Ion: 78 Resp: 337331

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

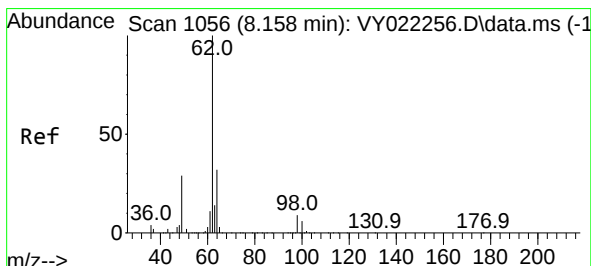
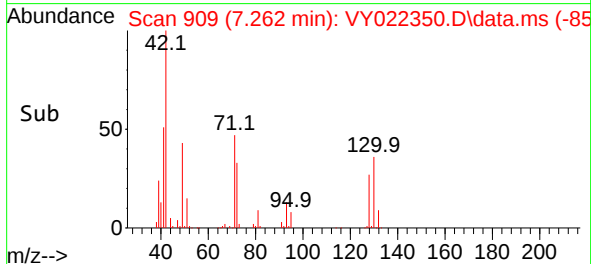
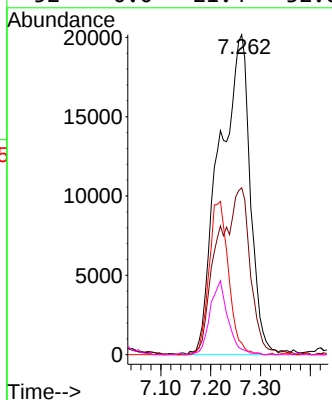
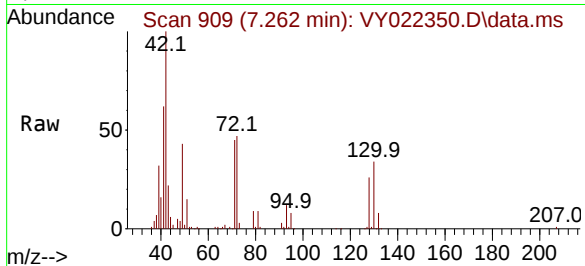




#41
Methacrylonitrile
Concen: 110.606 ug/l
RT: 7.262 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

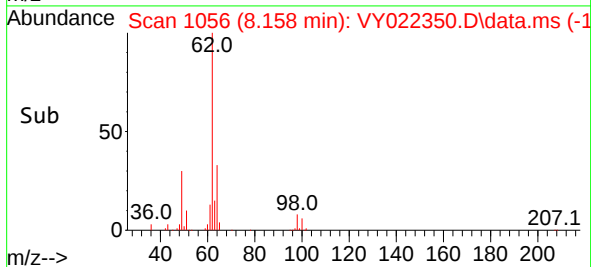
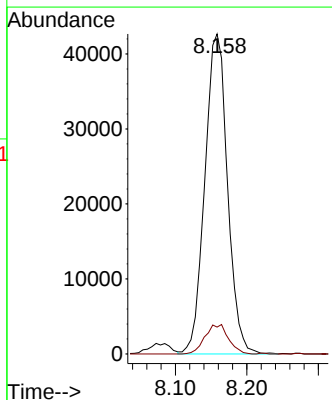
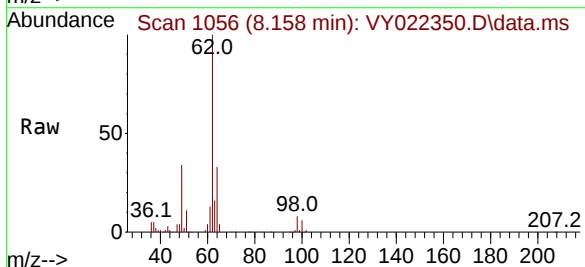
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

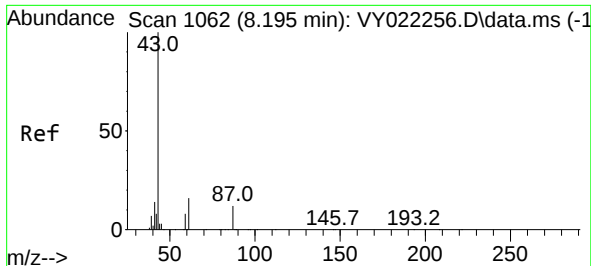
Tgt Ion: 41 Resp: 86281
Ion Ratio Lower Upper
41 100
39 28.9 39.1 58.7#
67 0.0 47.1 70.7#
52 0.0 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 47.921 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 62 Resp: 93895
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4

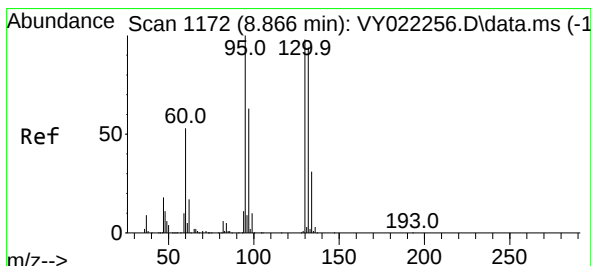
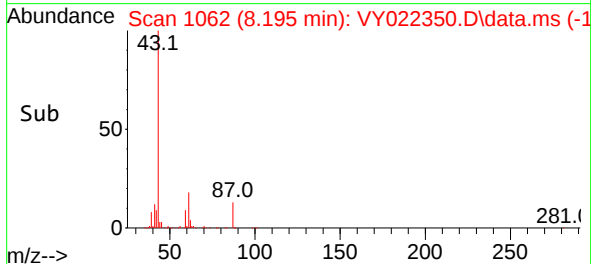
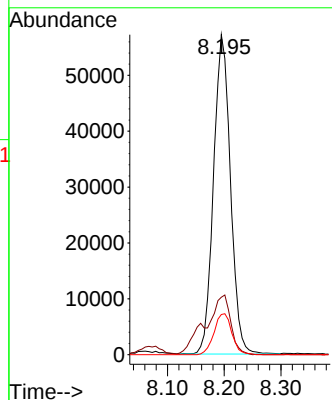
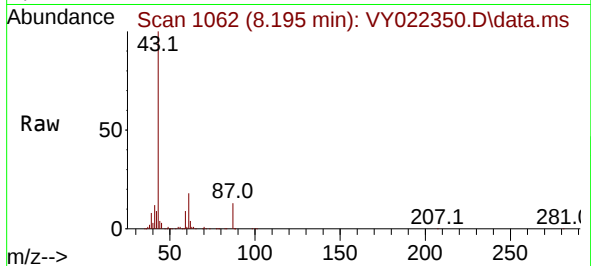




#43
Isopropyl Acetate
Concen: 46.301 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

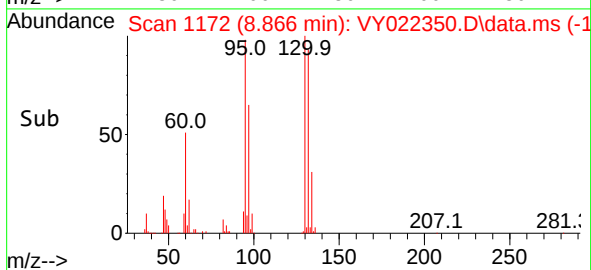
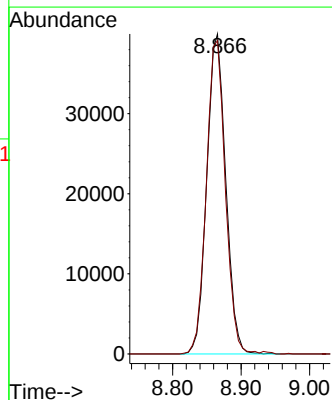
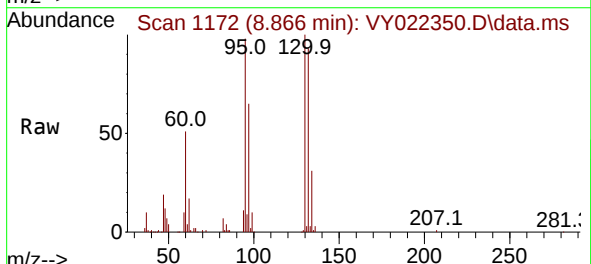
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

Tgt Ion: 43 Resp: 118747
Ion Ratio Lower Upper
43 100
61 19.1 15.1 22.7
87 13.5 9.7 14.5



#44
Trichloroethene
Concen: 42.611 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion:130 Resp: 76767
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.8





#45

1,2-Dichloropropane

Concen: 44.259 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

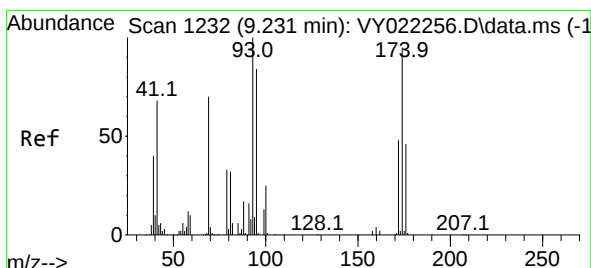
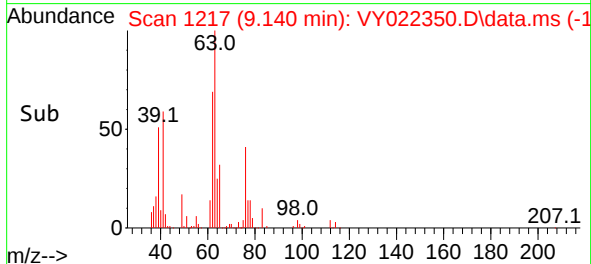
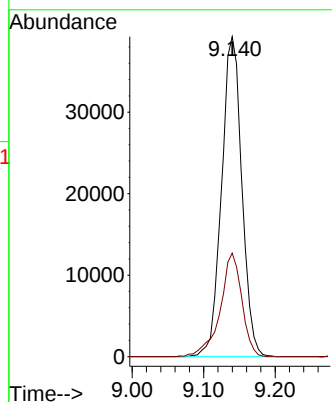
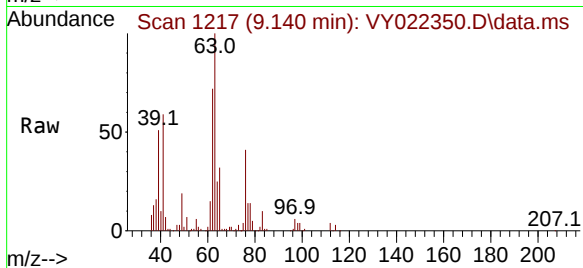
SS-11MS

Tgt Ion: 63 Resp: 77314

Ion Ratio Lower Upper

63 100

65 32.3 25.7 38.5



#46

Dibromomethane

Concen: 49.983 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

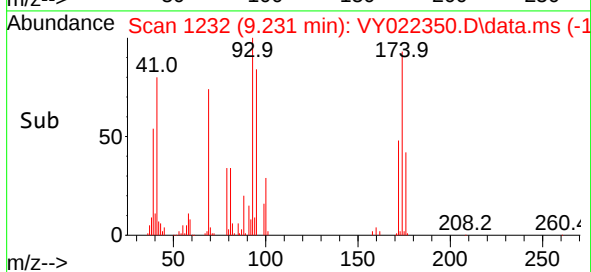
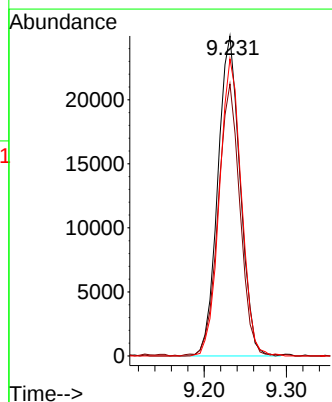
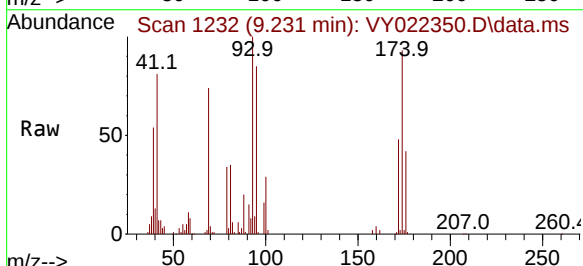
Tgt Ion: 93 Resp: 47093

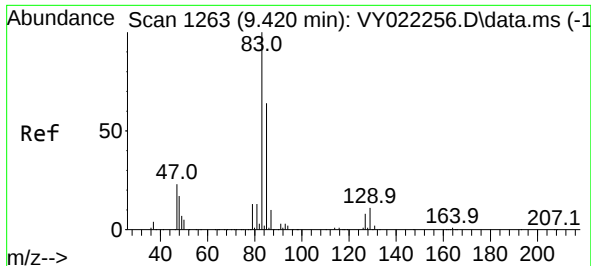
Ion Ratio Lower Upper

93 100

95 83.2 65.2 97.8

174 90.9 74.3 111.5

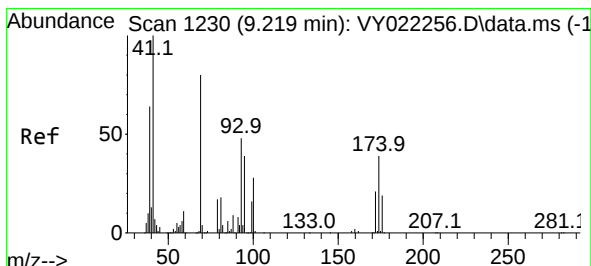
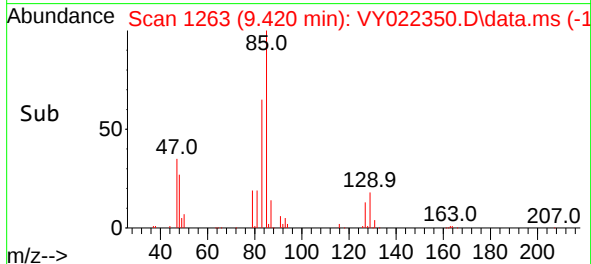
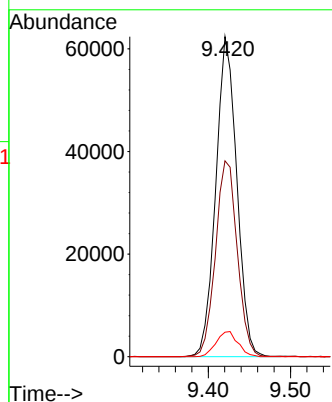
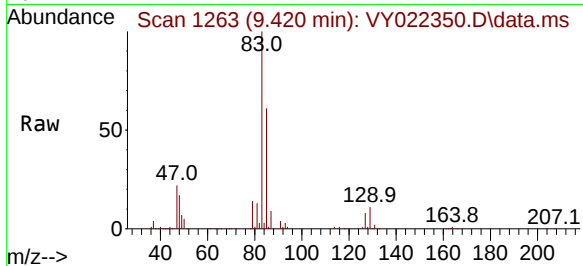




#47
Bromodichloromethane
Concen: 45.333 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

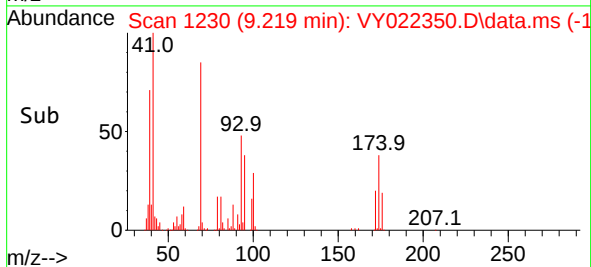
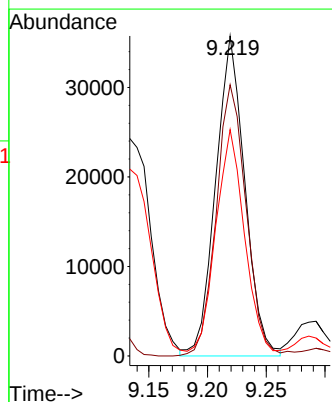
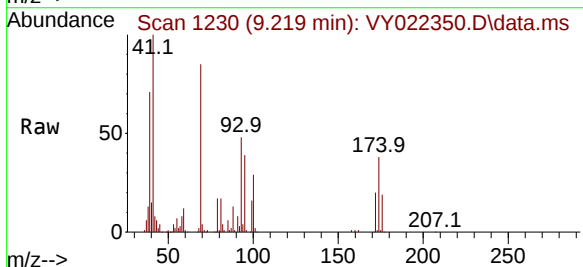
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

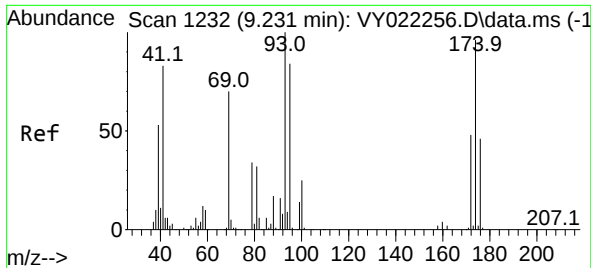
Tgt Ion: 83 Resp: 110805
Ion Ratio Lower Upper
83 100
85 61.2 51.1 76.7
127 7.6 6.6 10.0



#48
Methyl methacrylate
Concen: 51.439 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 41 Resp: 61695
Ion Ratio Lower Upper
41 100
69 87.1 63.5 95.3
39 67.5 50.8 76.2

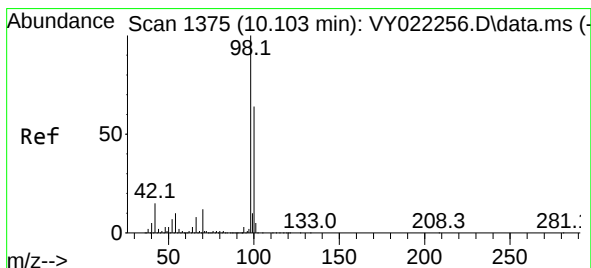
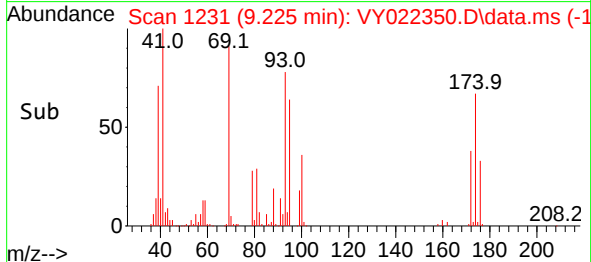
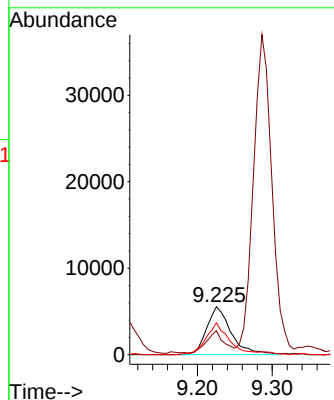
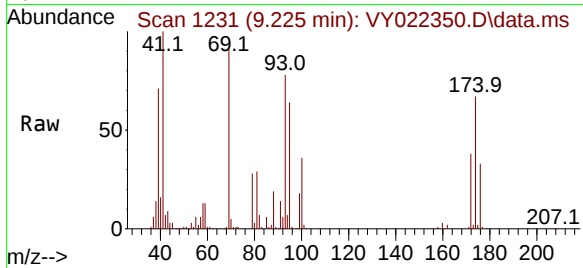




#49
1,4-Dioxane
Concen: 1182.288 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

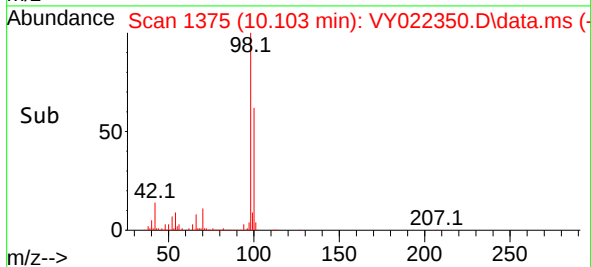
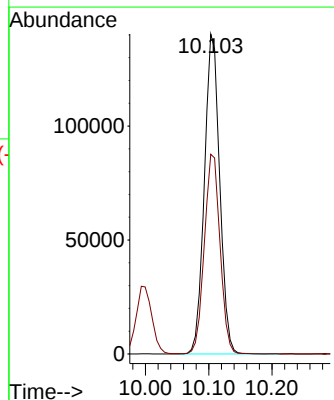
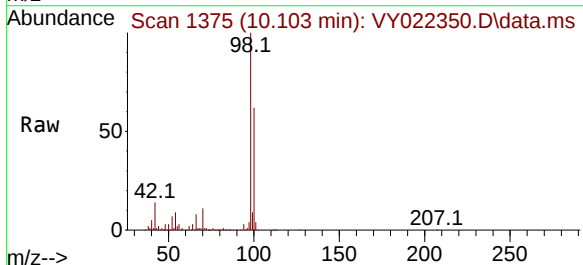
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

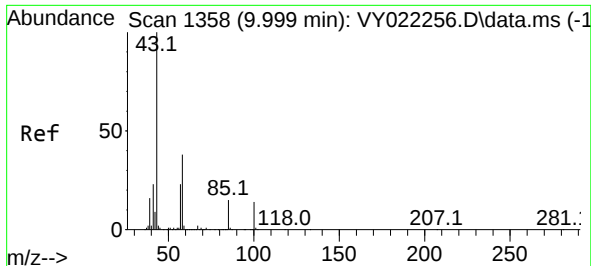
Tgt Ion: 88 Resp: 12584
Ion Ratio Lower Upper
88 100
43 33.1 28.5 42.7
58 62.2 61.4 92.2



#50
Toluene-d8
Concen: 39.032 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 98 Resp: 237206
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8

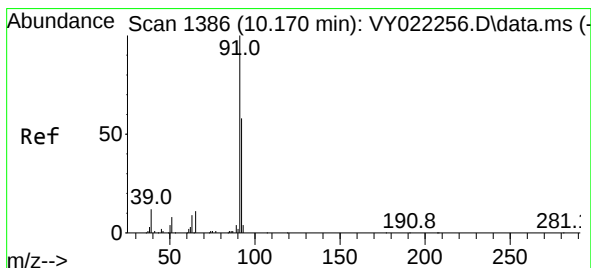
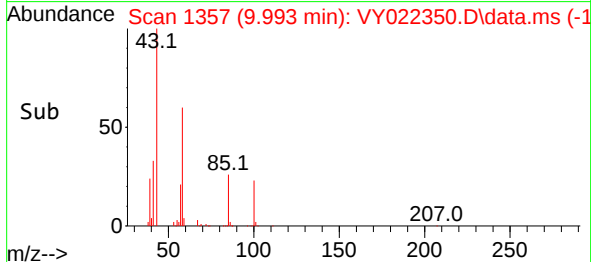
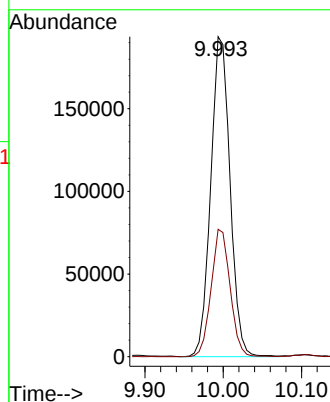
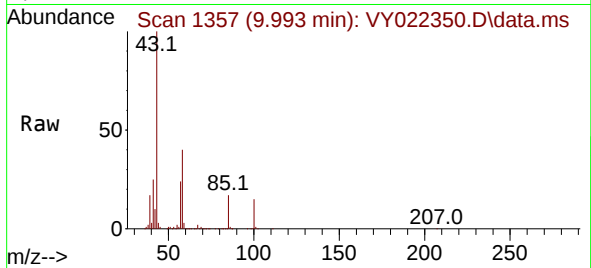




#51
4-Methyl-2-Pentanone
Concen: 263.537 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

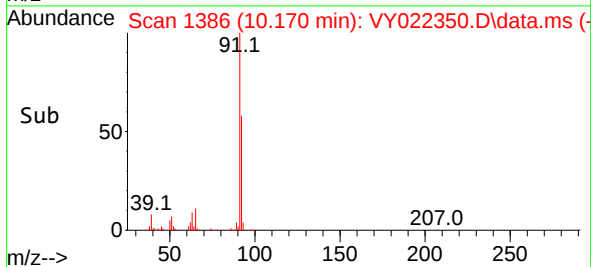
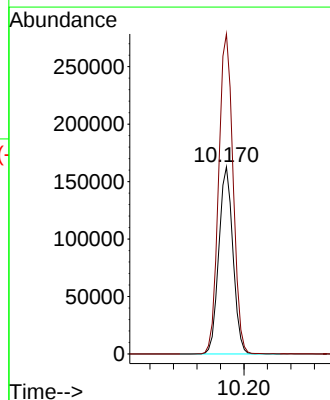
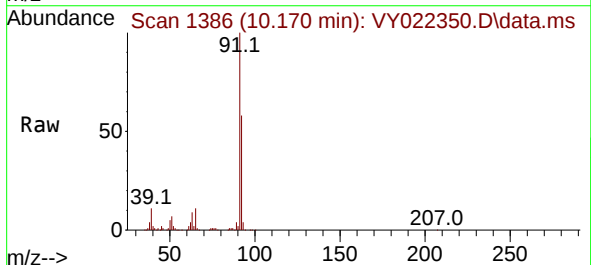
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

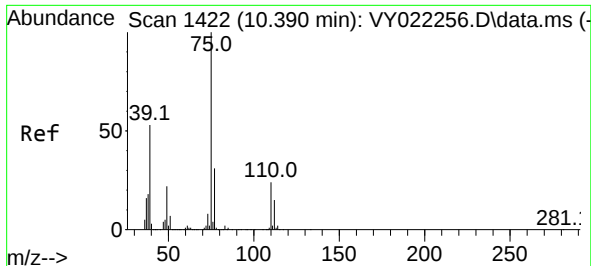
Tgt Ion: 43 Resp: 331638
Ion Ratio Lower Upper
43 100
58 39.1 29.4 44.2



#52
Toluene
Concen: 59.047 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 92 Resp: 270916
Ion Ratio Lower Upper
92 100
91 174.6 139.1 208.7

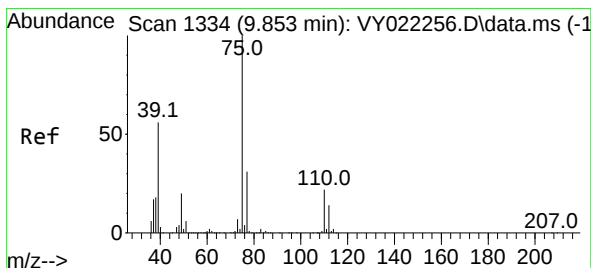
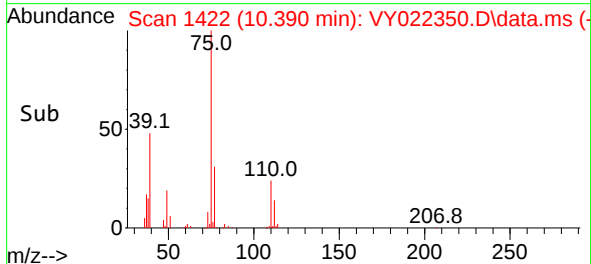
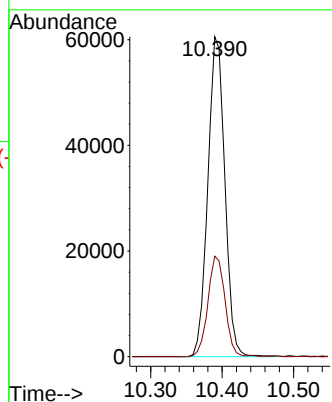
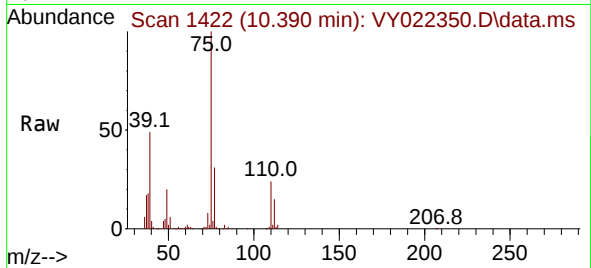




#53
t-1,3-Dichloropropene
Concen: 41.978 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

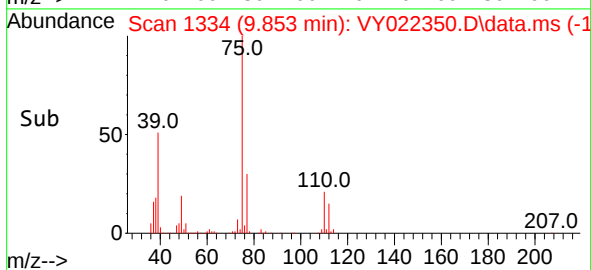
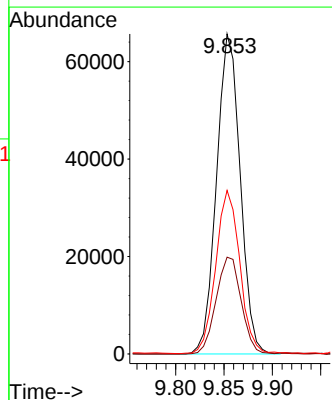
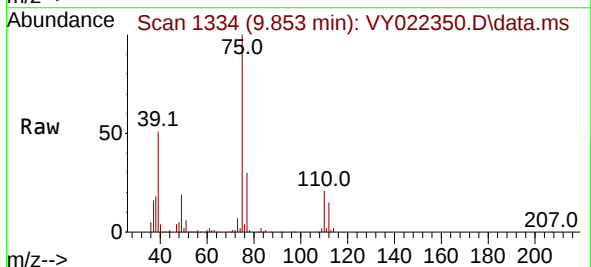
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

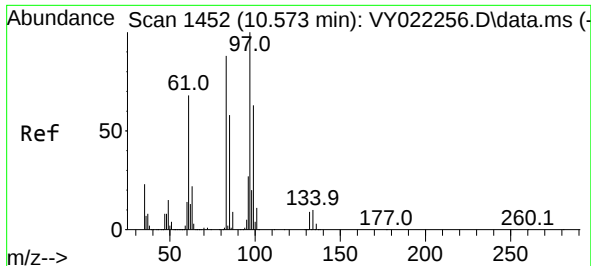
Tgt Ion: 75 Resp: 100132
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 40.765 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 75 Resp: 111408
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7
39 51.0 44.5 66.7

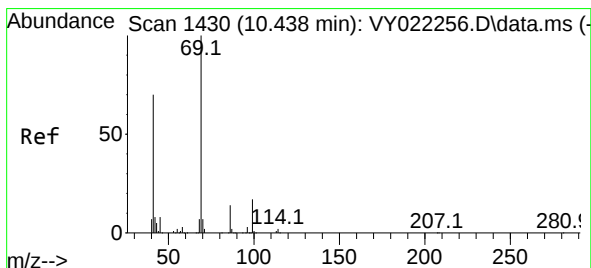
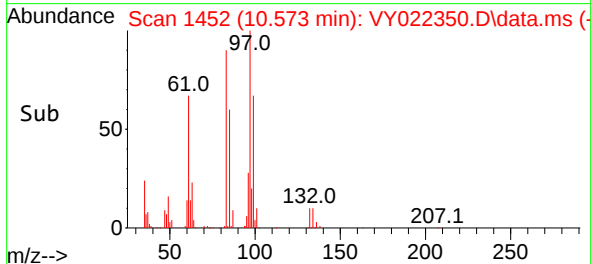
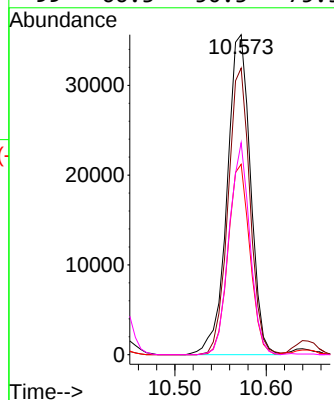
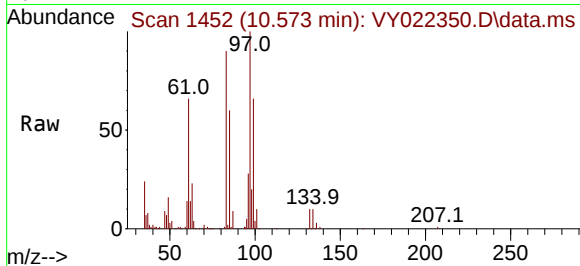




#55
 1,1,2-Trichloroethane
 Concen: 52.591 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

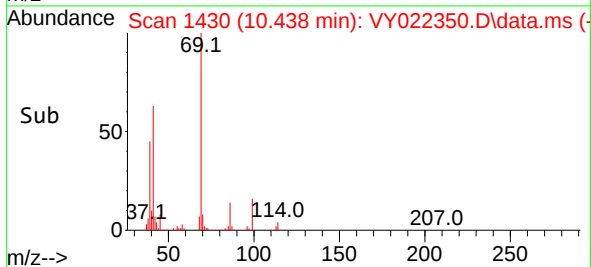
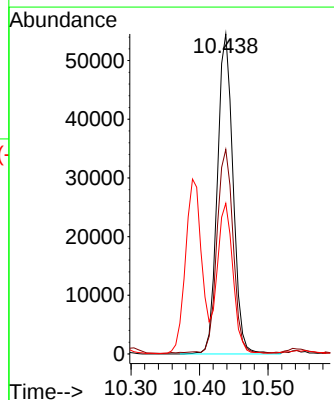
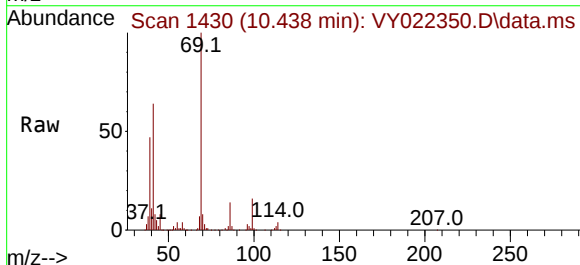
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MS

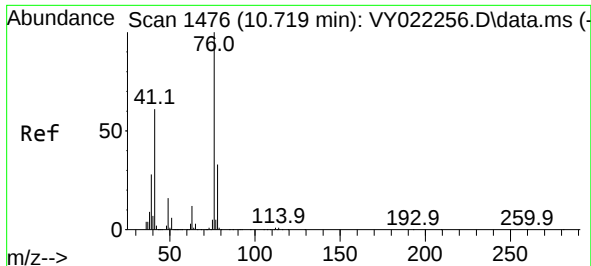
Tgt Ion:	97	Resp:	63450
Ion	Ratio	Lower	Upper
97	100		
83	89.5	70.3	105.5
85	59.5	46.2	69.4
99	66.3	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 46.116 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

Tgt Ion:	69	Resp:	86668
Ion	Ratio	Lower	Upper
69	100		
41	66.5	56.5	84.7
39	46.7	37.1	55.7





#57

1,3-Dichloropropane

Concen: 49.466 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

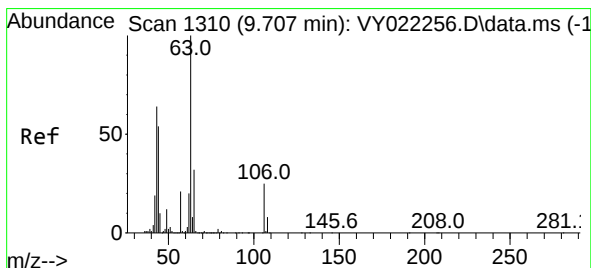
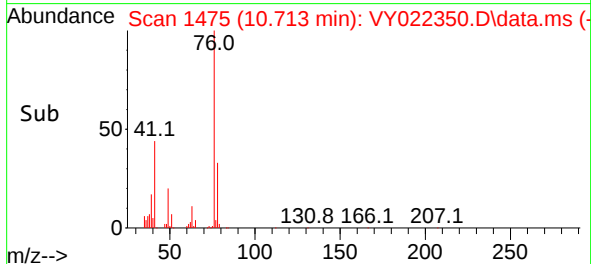
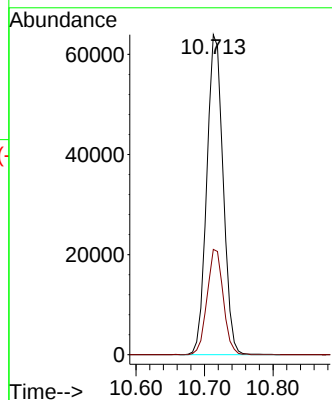
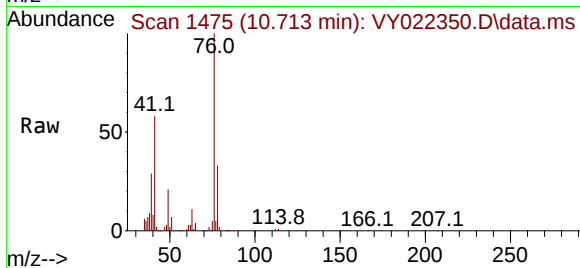
SS-11MS

Tgt Ion: 76 Resp: 106036

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 276.682 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022350.D

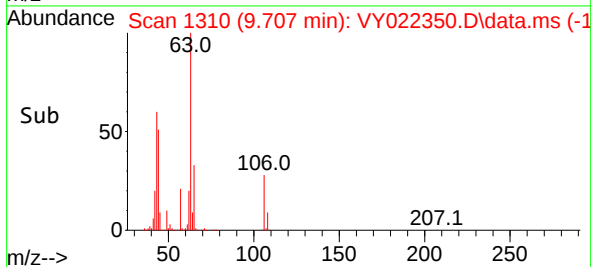
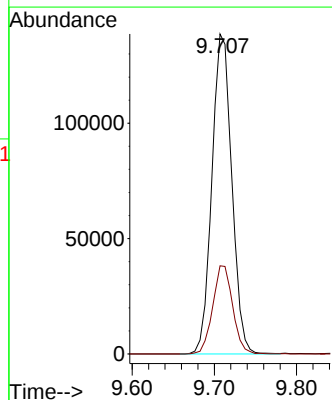
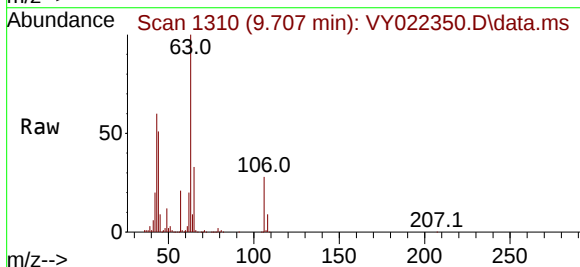
Acq: 20 May 2025 18:04

Tgt Ion: 63 Resp: 233392

Ion Ratio Lower Upper

63 100

106 27.7 21.0 31.4

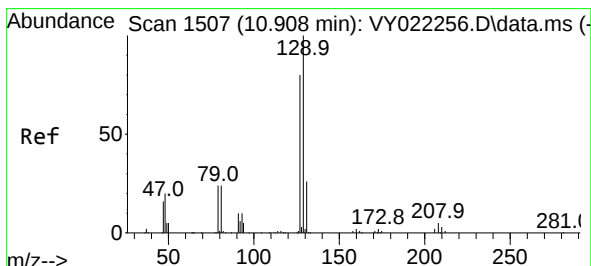
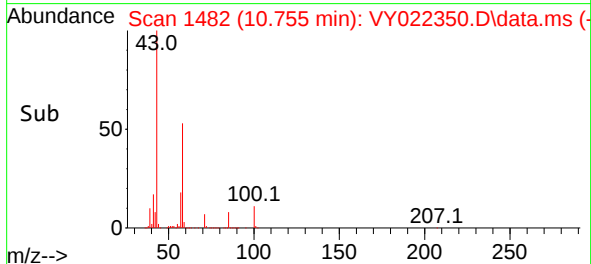
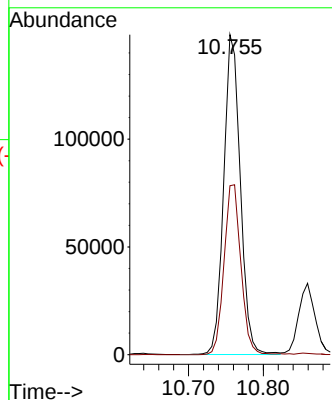
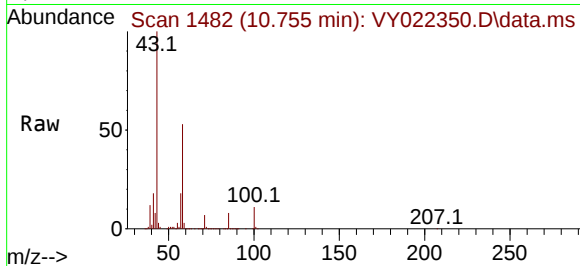




#59
2-Hexanone
Concen: 272.212 ug/l
RT: 10.755 min Scan# 1482
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

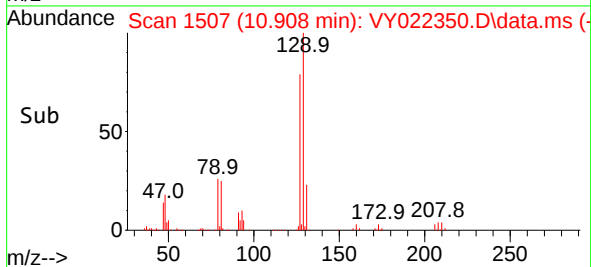
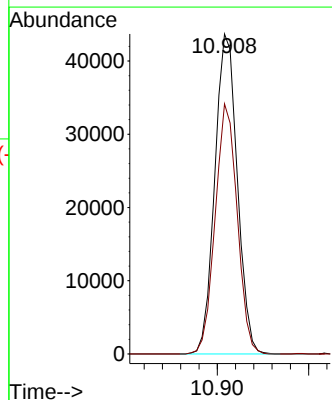
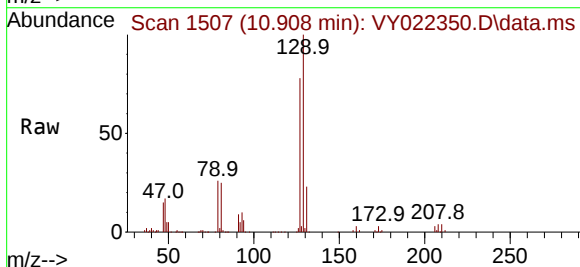
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

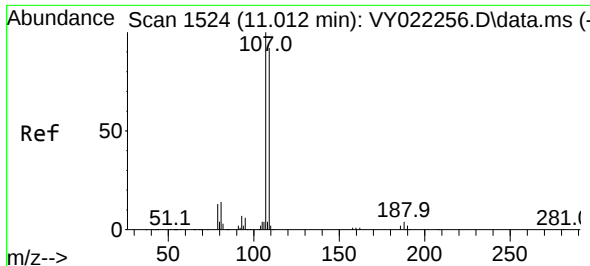
Tgt Ion: 43 Resp: 229677
Ion Ratio Lower Upper
43 100
58 53.9 26.1 78.3



#60
Dibromochloromethane
Concen: 47.686 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion:129 Resp: 74674
Ion Ratio Lower Upper
129 100
127 76.5 38.6 115.7

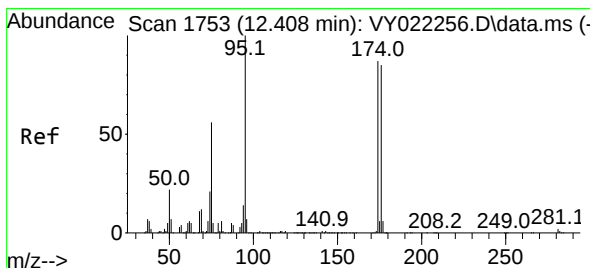
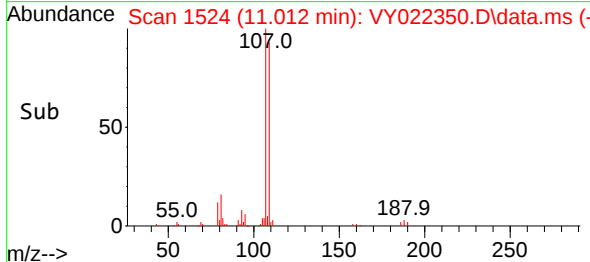
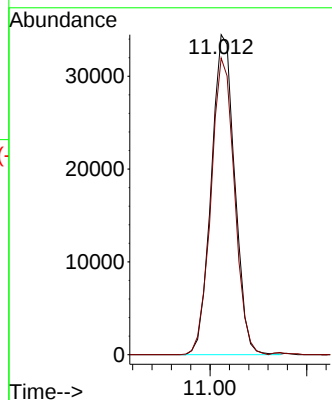
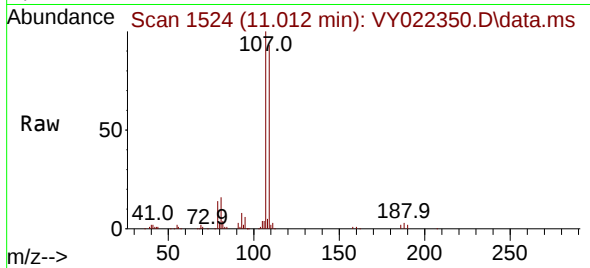




#61
1,2-Dibromoethane
Concen: 51.569 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

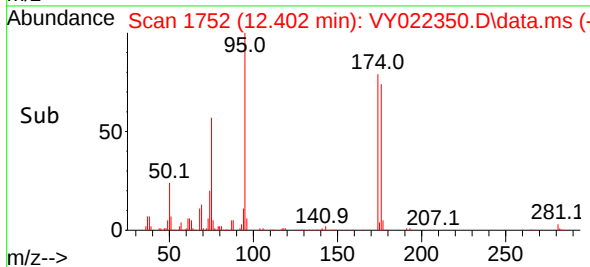
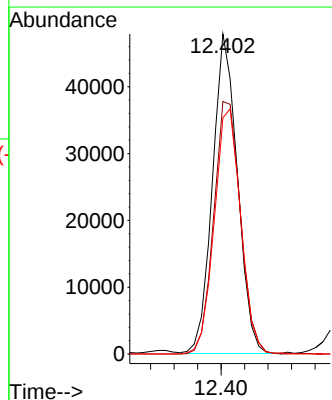
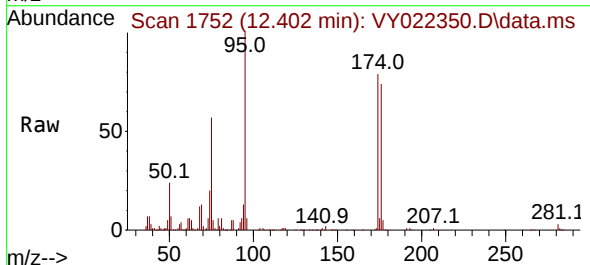
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

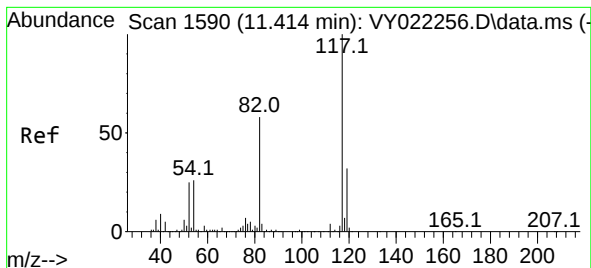
Tgt Ion:107 Resp: 57989
Ion Ratio Lower Upper
107 100
109 92.9 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 36.488 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 95 Resp: 70287
Ion Ratio Lower Upper
95 100
174 84.8 0.0 166.8
176 81.8 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

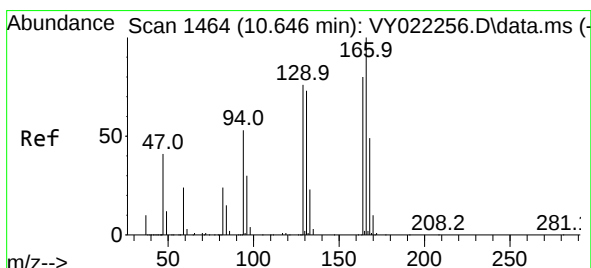
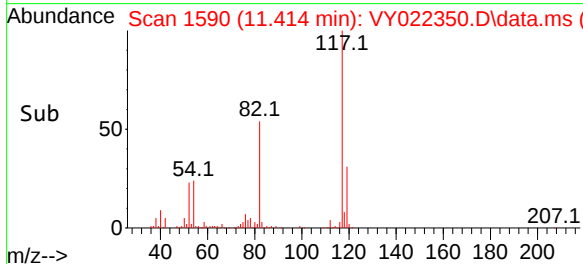
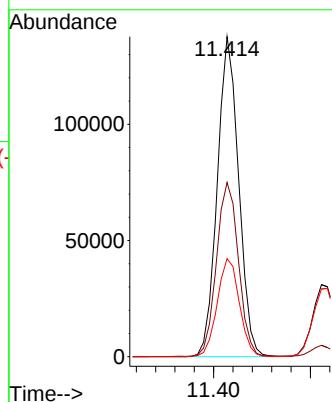
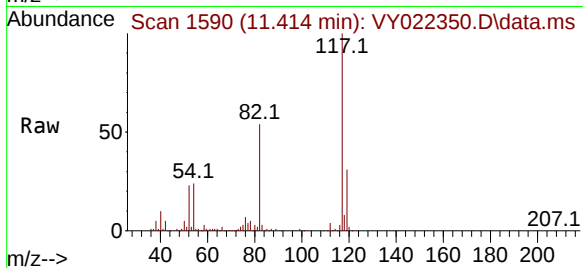
Tgt Ion:117 Resp: 210937

Ion Ratio Lower Upper

117 100

82 54.3 46.6 70.0

119 30.7 25.8 38.6



#64

Tetrachloroethene

Concen: 44.540 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Tgt Ion:164 Resp: 86840

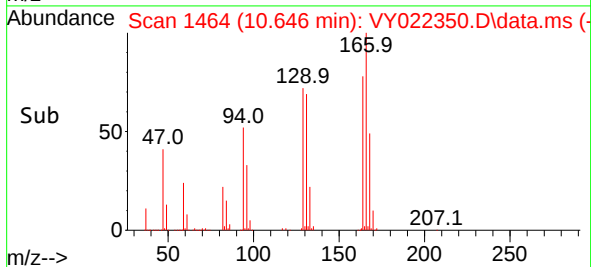
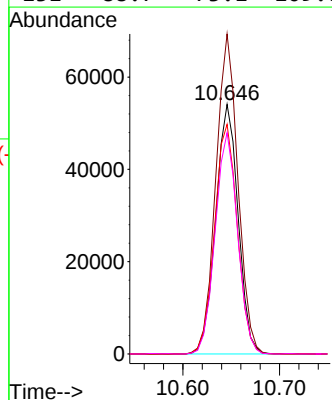
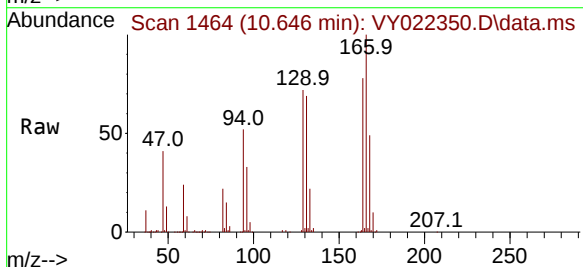
Ion Ratio Lower Upper

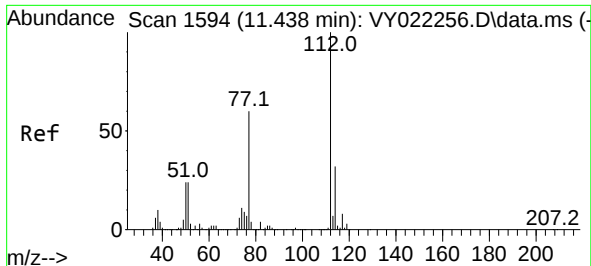
164 100

166 128.2 100.4 150.6

129 92.0 76.4 114.6

131 88.7 73.1 109.7

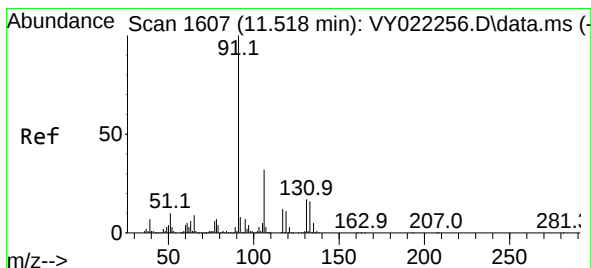
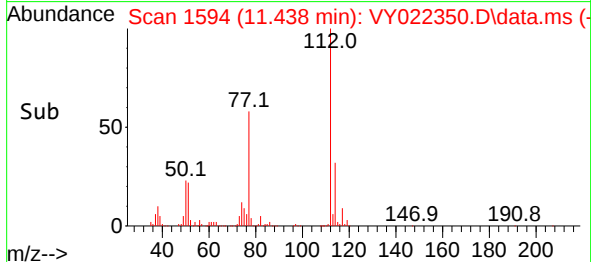
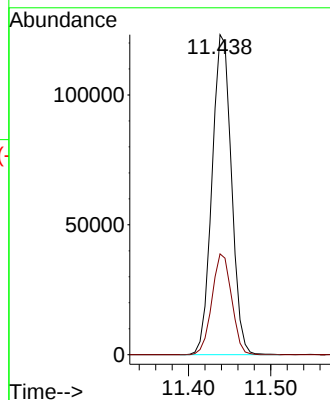
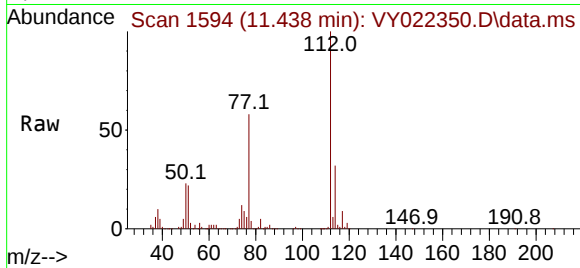




#65
Chlorobenzene
Concen: 42.467 ug/l
RT: 11.438 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

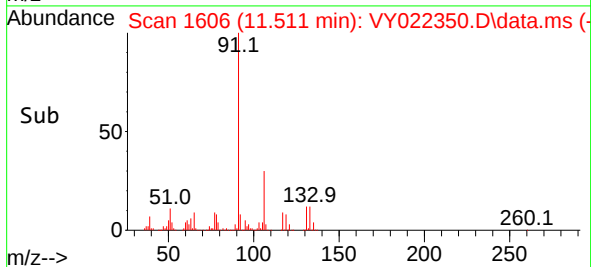
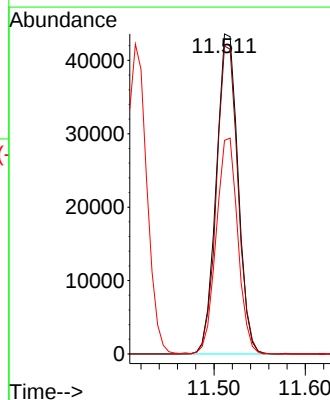
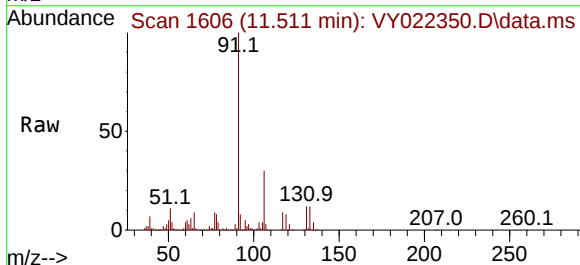
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

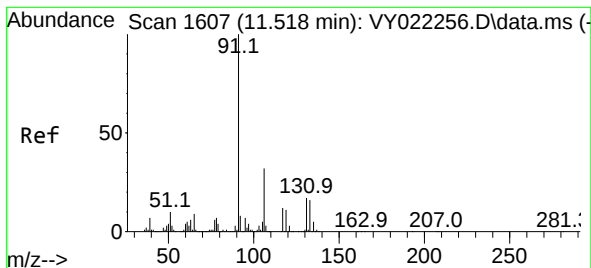
Tgt Ion:112 Resp: 202100
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 44.010 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion:131 Resp: 72002
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 67.1 33.1 99.2





#67

Ethyl Benzene

Concen: 68.483 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

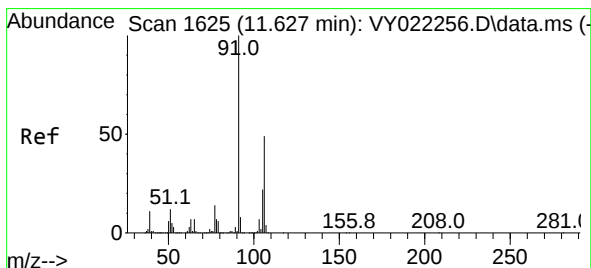
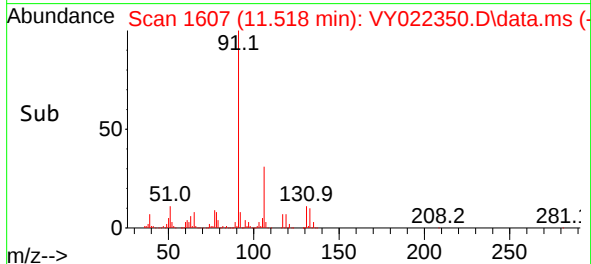
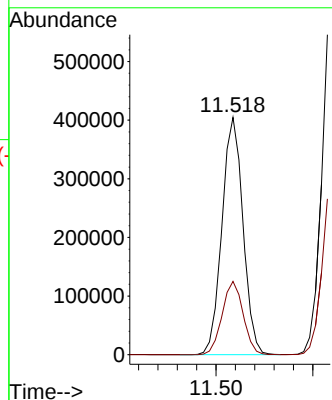
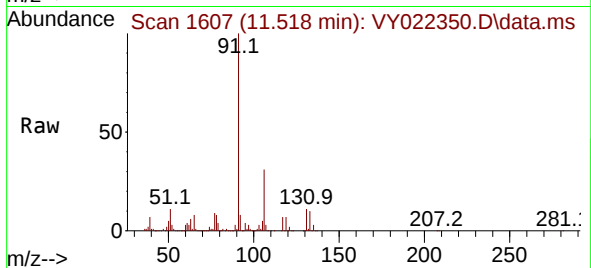
SS-11MS

Tgt Ion: 91 Resp: 610361

Ion Ratio Lower Upper

91 100

106 30.8 25.4 38.0



#68

m/p-Xylenes

Concen: 191.856 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.006 min

Lab File: VY022350.D

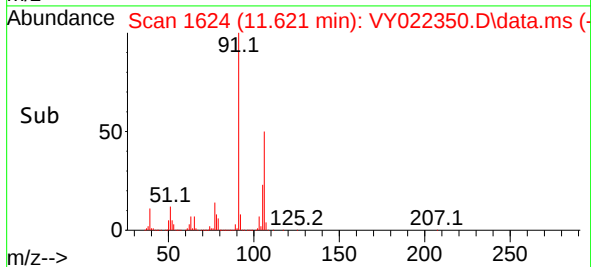
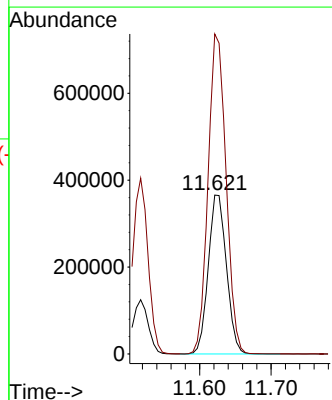
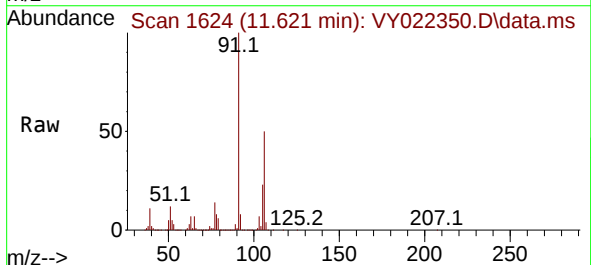
Acq: 20 May 2025 18:04

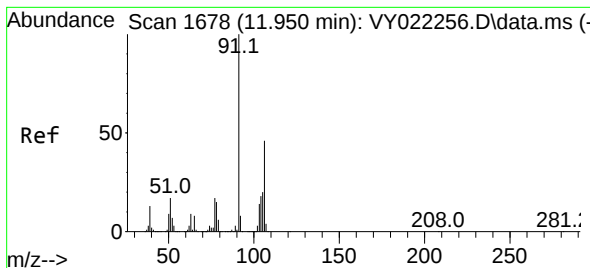
Tgt Ion:106 Resp: 644327

Ion Ratio Lower Upper

106 100

91 199.6 163.0 244.4





#69

o-Xylene

Concen: 105.852 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

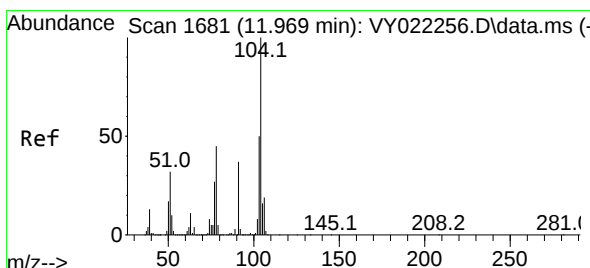
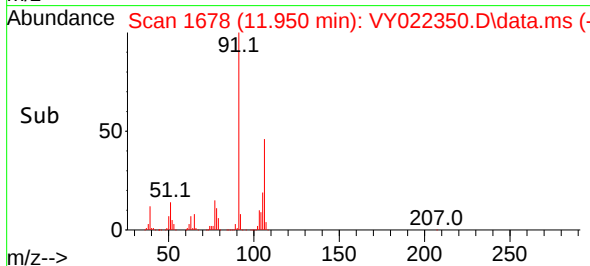
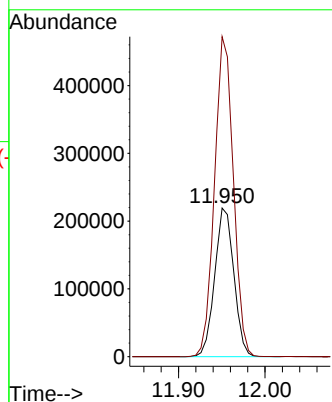
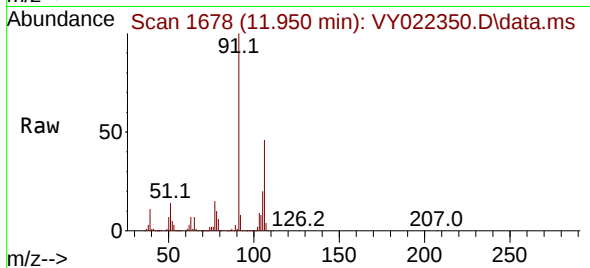
SS-11MS

Tgt Ion:106 Resp: 336339

Ion Ratio Lower Upper

106 100

91 212.5 108.3 324.8



#70

Styrene

Concen: 42.862 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

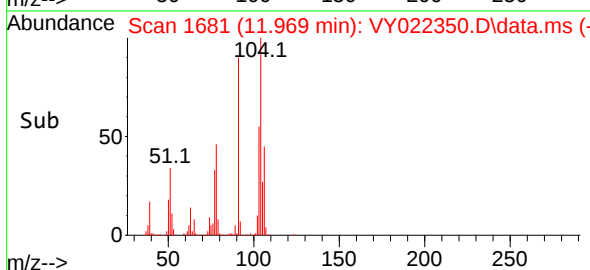
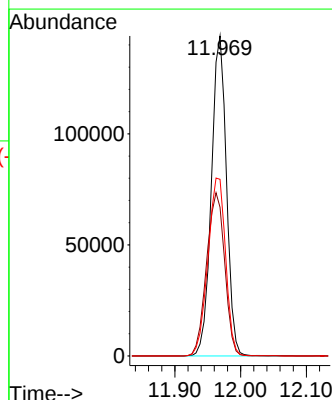
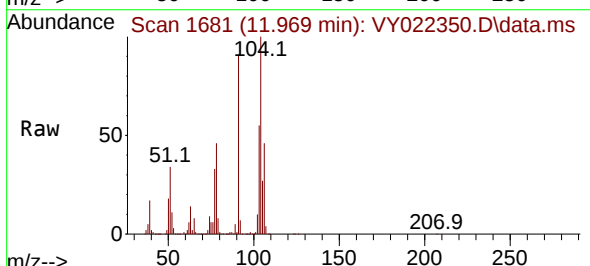
Tgt Ion:104 Resp: 229737

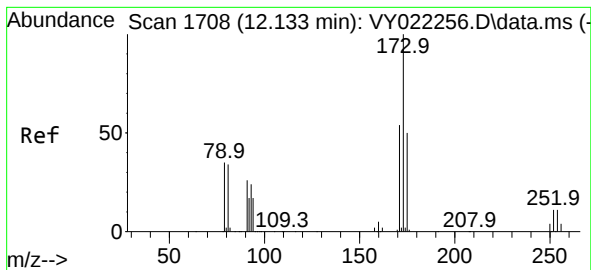
Ion Ratio Lower Upper

104 100

78 61.2 40.9 61.3

103 65.3 43.7 65.5





#71

Bromoform

Concen: 46.614 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

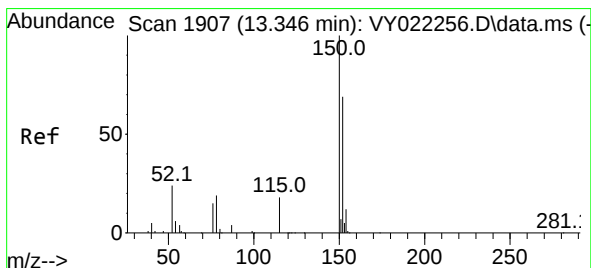
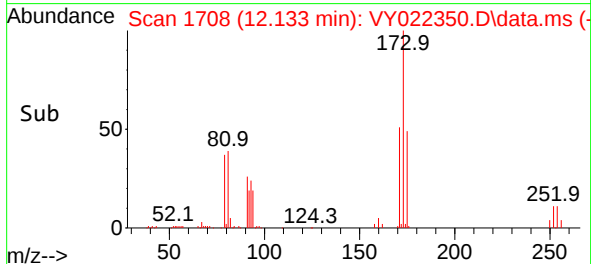
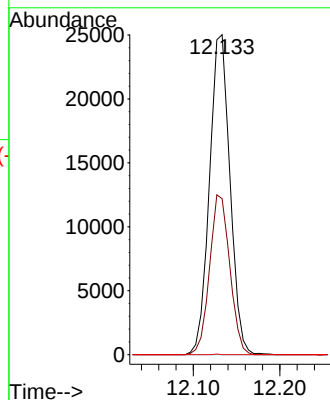
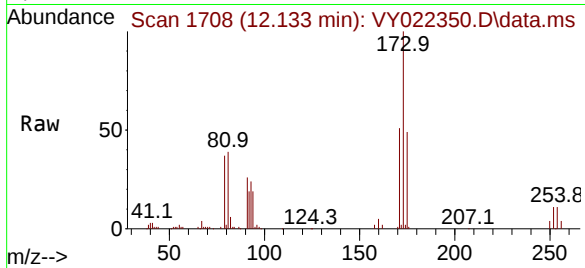
Tgt Ion:173 Resp: 41163

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

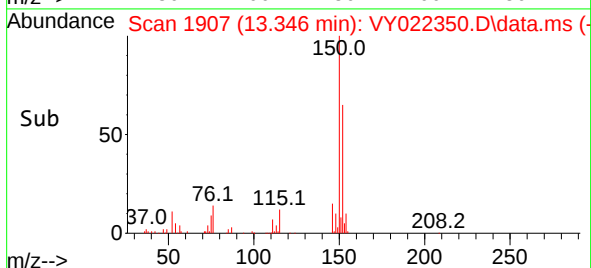
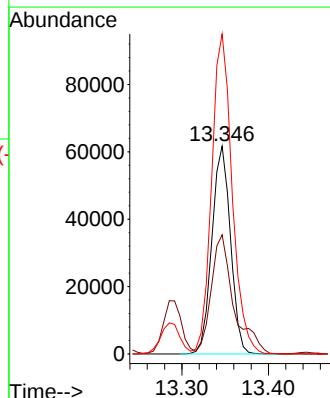
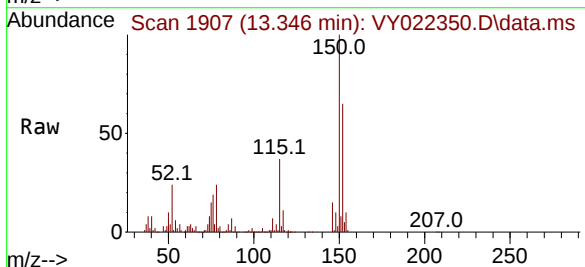
Tgt Ion:152 Resp: 91777

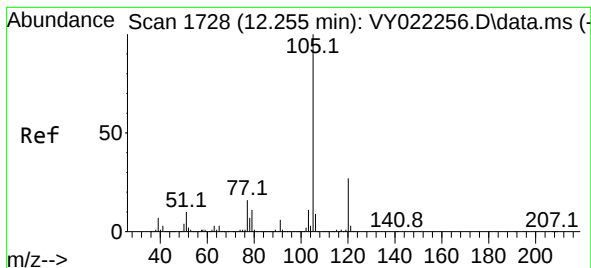
Ion Ratio Lower Upper

152 100

115 69.6 29.4 88.2

150 170.1 0.0 353.8





#73

Isopropylbenzene

Concen: 50.067 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

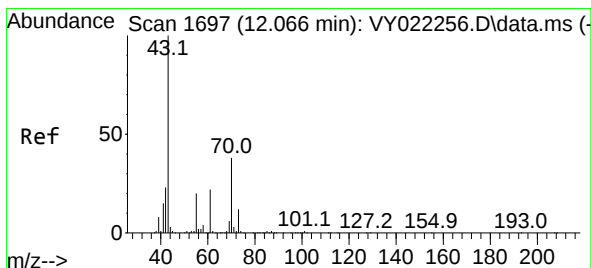
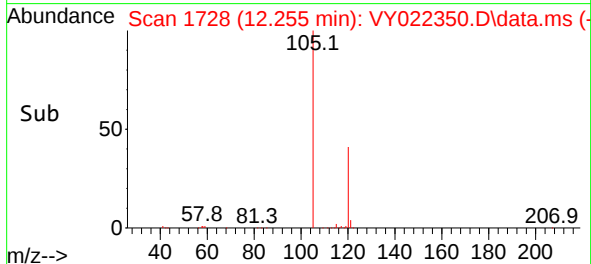
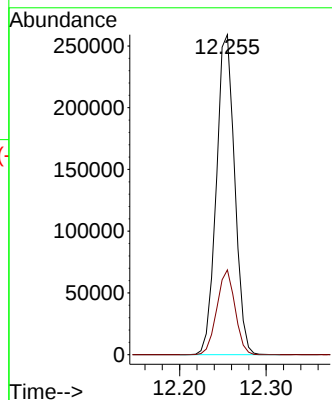
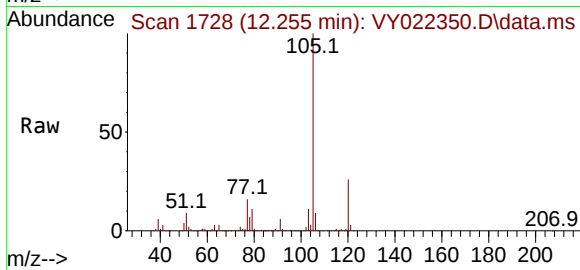
SS-11MS

Tgt Ion:105 Resp: 380671

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 18.293 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Tgt Ion: 43 Resp: 39779

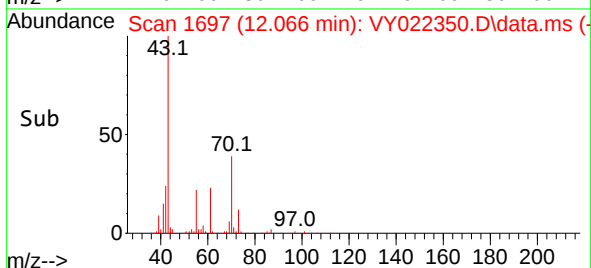
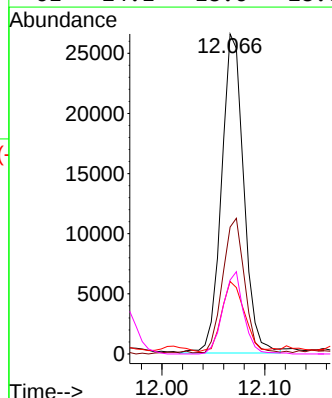
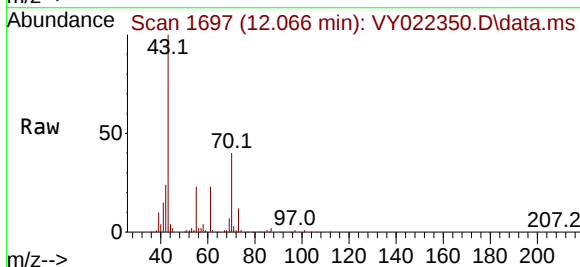
Ion Ratio Lower Upper

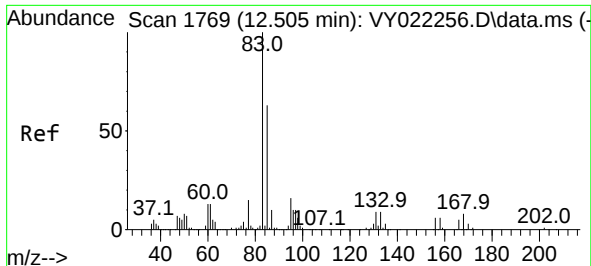
43 100

70 41.9 31.4 47.0

55 22.3 17.0 25.6

61 24.1 18.6 28.0

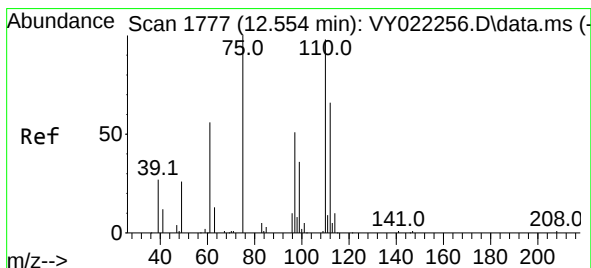
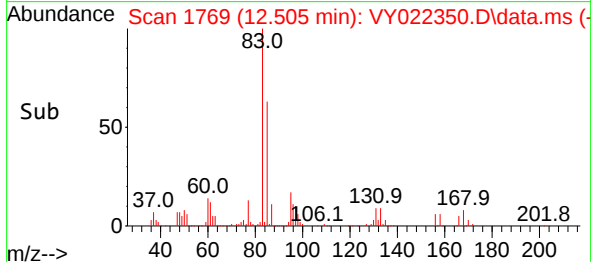
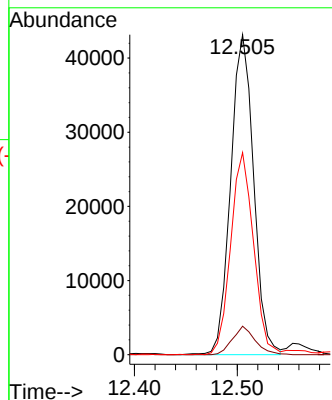
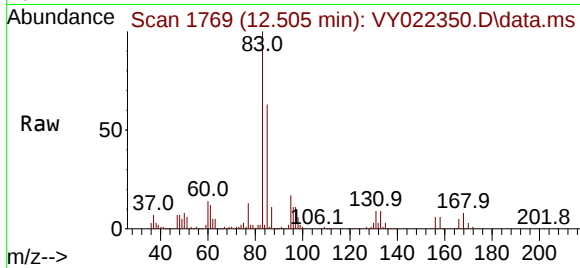




#75
 1,1,2,2-Tetrachloroethane
 Concen: 57.399 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

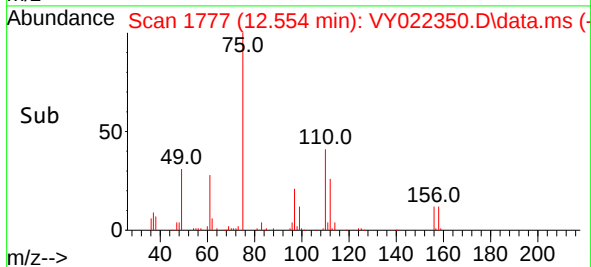
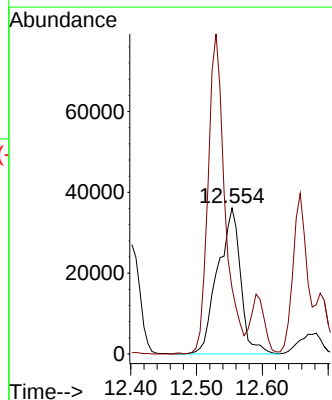
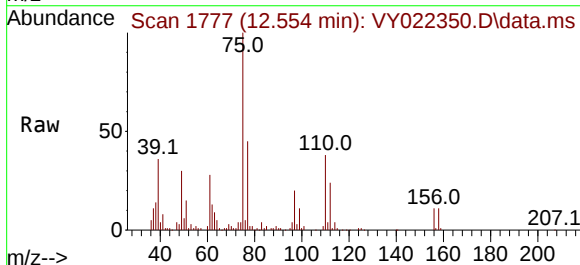
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MS

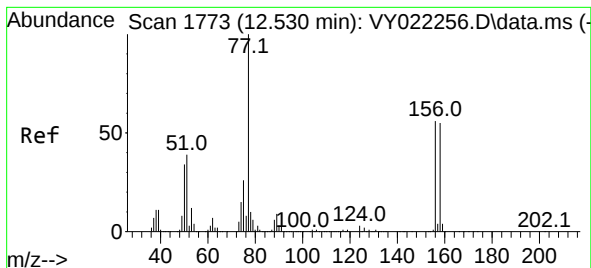
Tgt Ion: 83 Resp: 67117
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.9 14.7
 85 63.3 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 94.045 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

Tgt Ion: 75 Resp: 87443
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 46.031 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

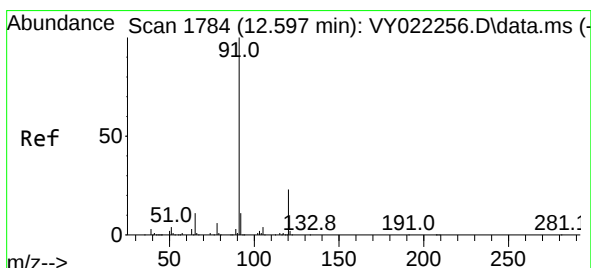
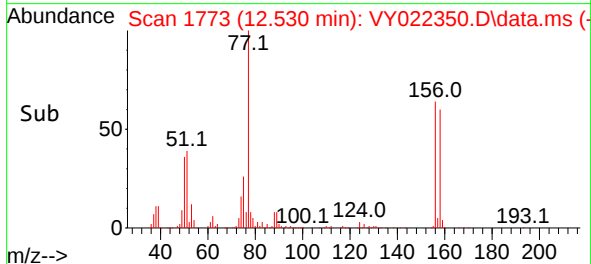
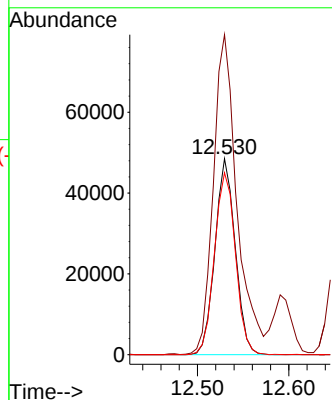
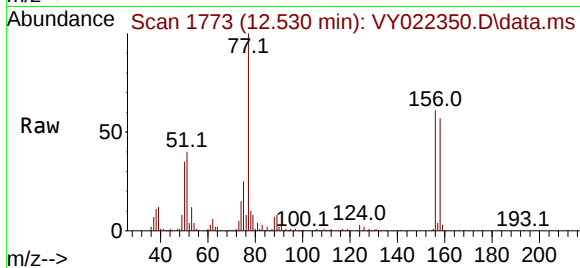
Tgt Ion:156 Resp: 74750

Ion Ratio Lower Upper

156 100

77 189.2 94.5 283.6

158 96.4 48.4 145.3



#78

n-propylbenzene

Concen: 58.120 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022350.D

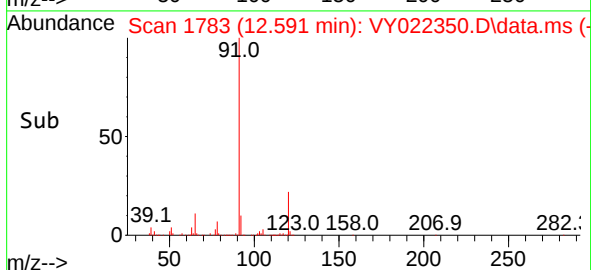
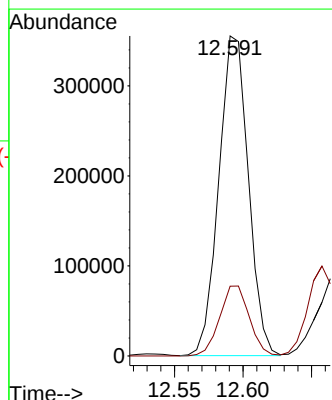
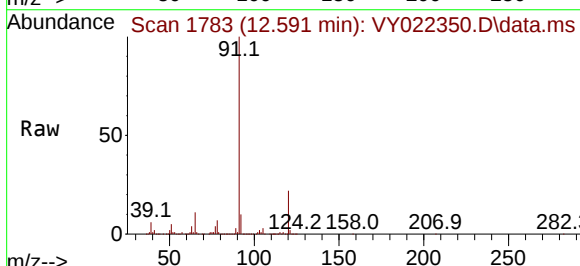
Acq: 20 May 2025 18:04

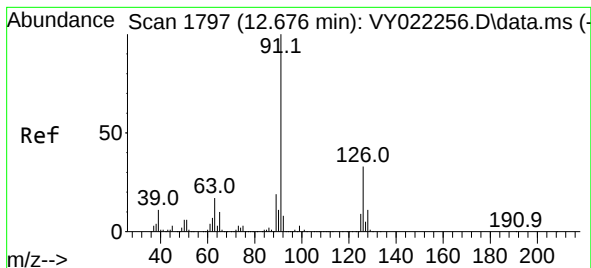
Tgt Ion: 91 Resp: 533019

Ion Ratio Lower Upper

91 100

120 22.1 11.1 33.3





#79

2-Chlorotoluene

Concen: 59.976 ug/l

RT: 12.676 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

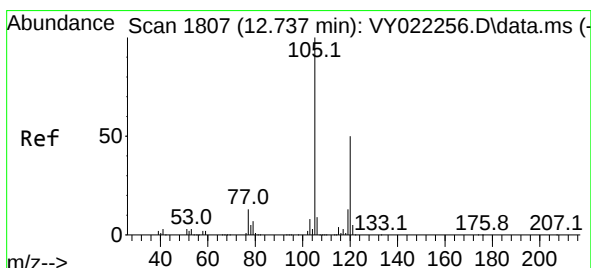
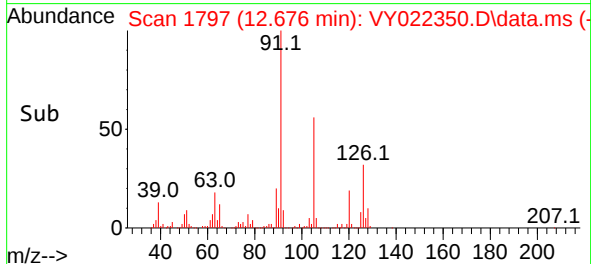
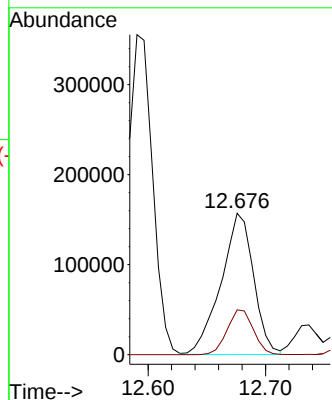
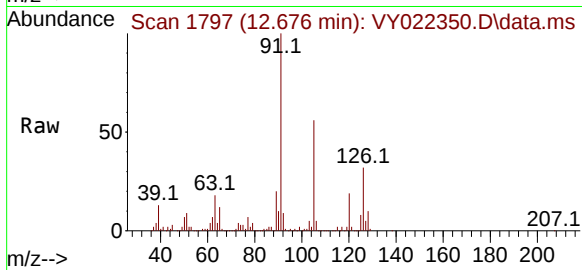
SS-11MS

Tgt Ion: 91 Resp: 302269

Ion Ratio Lower Upper

91 100

126 25.6 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 69.992 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022350.D

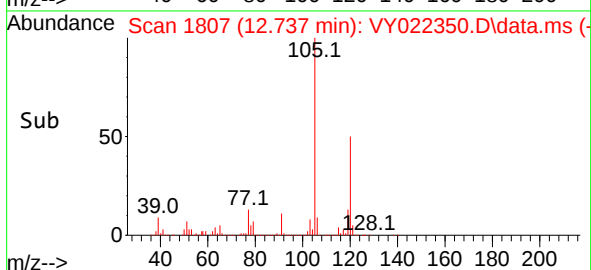
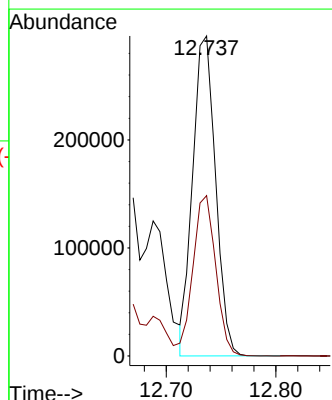
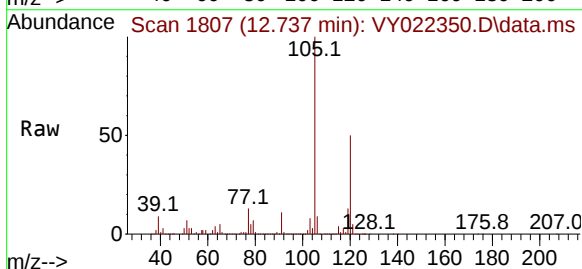
Acq: 20 May 2025 18:04

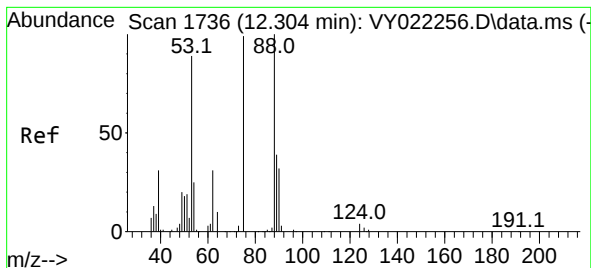
Tgt Ion:105 Resp: 429588

Ion Ratio Lower Upper

105 100

120 50.4 24.2 72.6

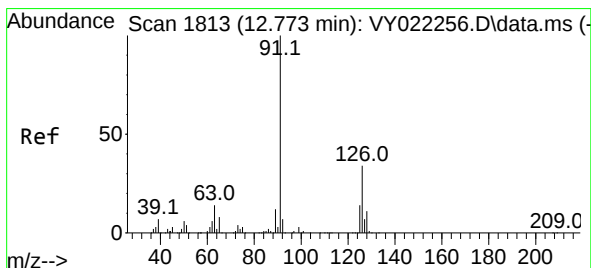
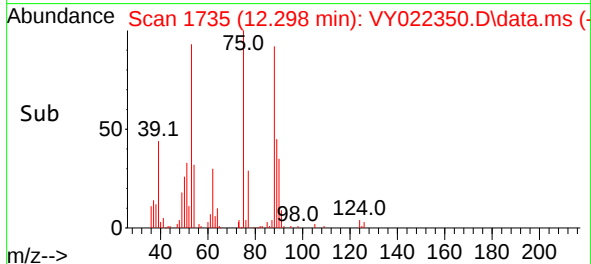
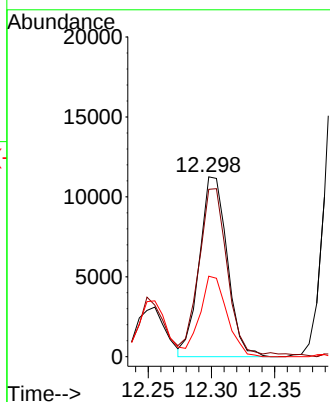
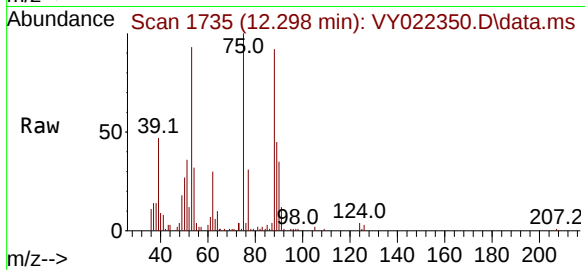




#81
trans-1,4-Dichloro-2-butene
Concen: 37.548 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

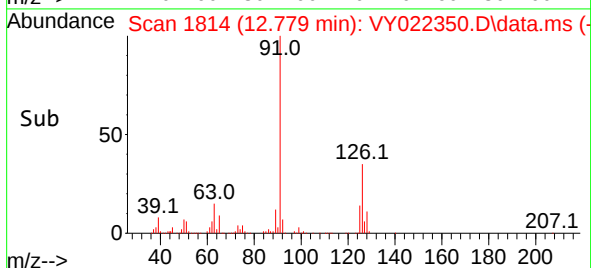
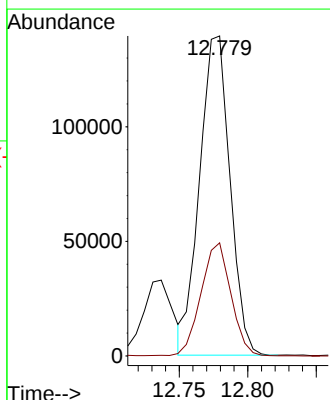
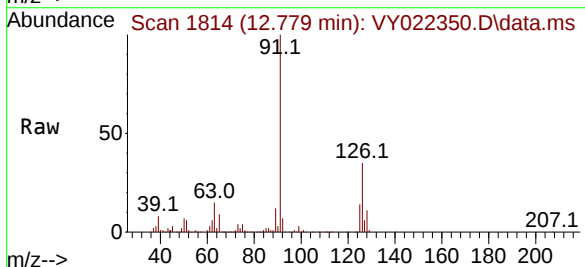
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

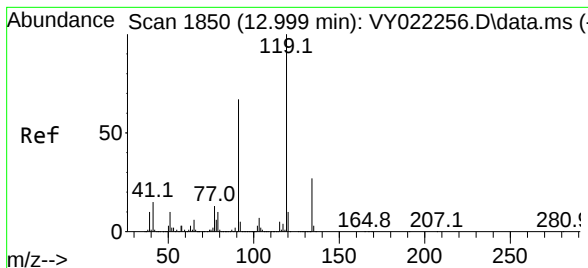
Tgt Ion: 75 Resp: 17234
Ion Ratio Lower Upper
75 100
53 97.4 75.8 113.8
89 43.1 36.2 54.2



#82
4-Chlorotoluene
Concen: 41.421 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion: 91 Resp: 214721
Ion Ratio Lower Upper
91 100
126 35.0 16.8 50.4





#83

tert-Butylbenzene

Concen: 42.273 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

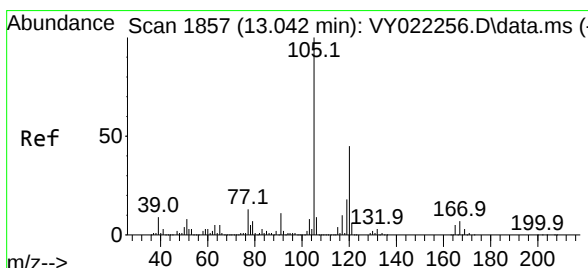
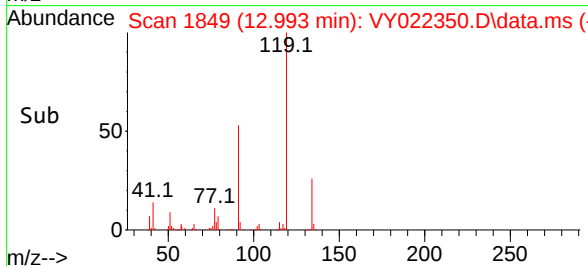
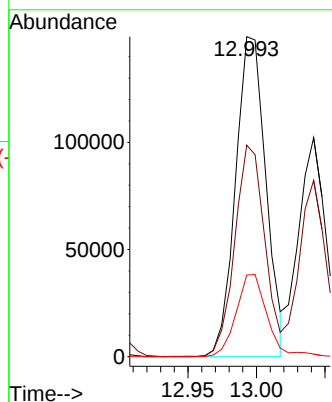
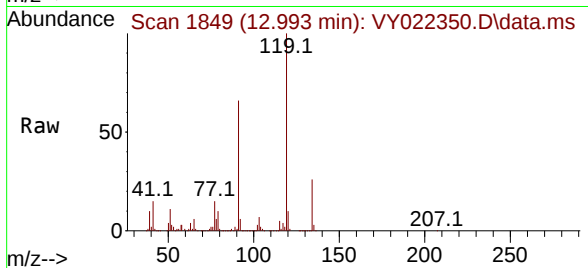
Tgt Ion:119 Resp: 230609

Ion Ratio Lower Upper

119 100

91 65.1 32.8 98.3

134 26.2 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 169.301 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022350.D

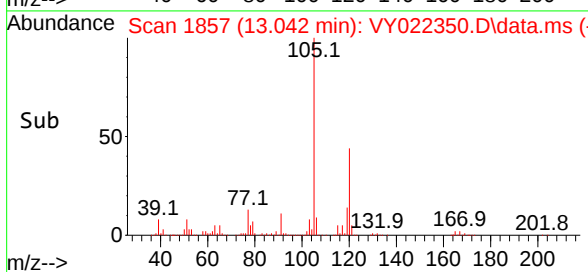
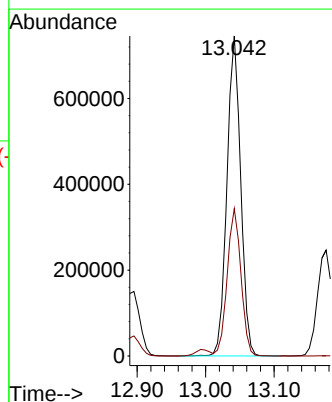
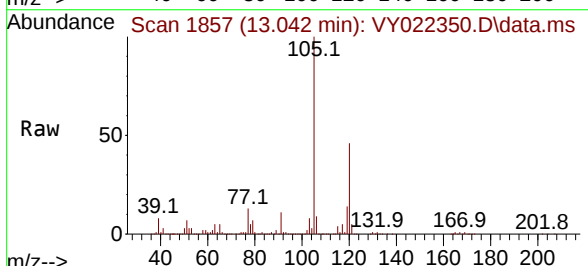
Acq: 20 May 2025 18:04

Tgt Ion:105 Resp: 1031502

Ion Ratio Lower Upper

105 100

120 46.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.512 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

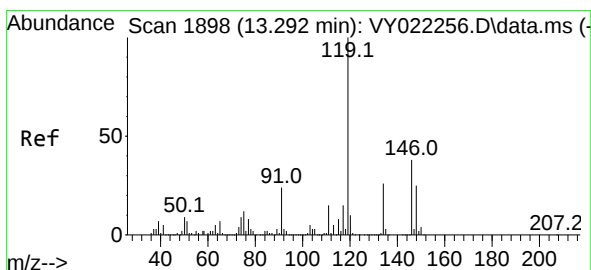
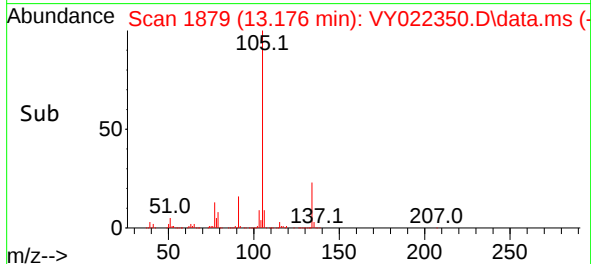
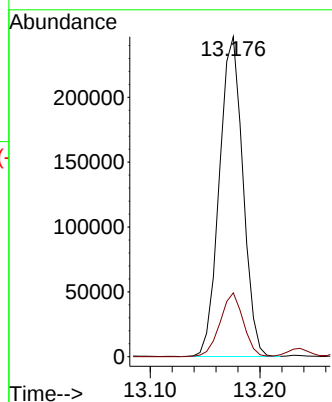
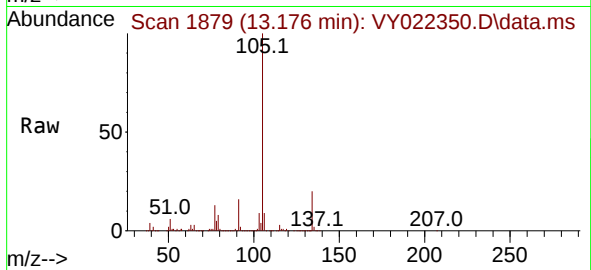
SS-11MS

Tgt Ion:105 Resp: 368553

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 42.756 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

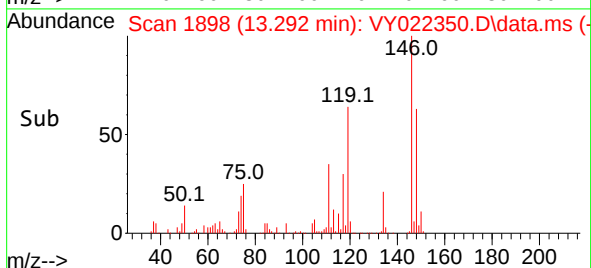
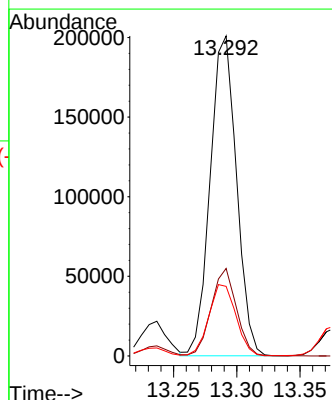
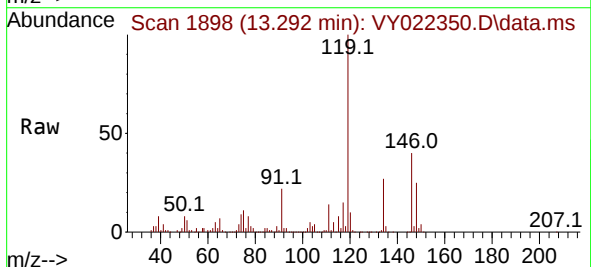
Tgt Ion:119 Resp: 291194

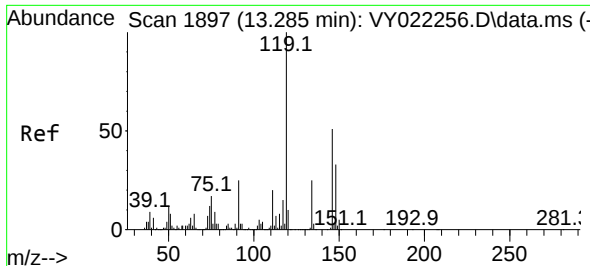
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 22.9 12.1 36.3

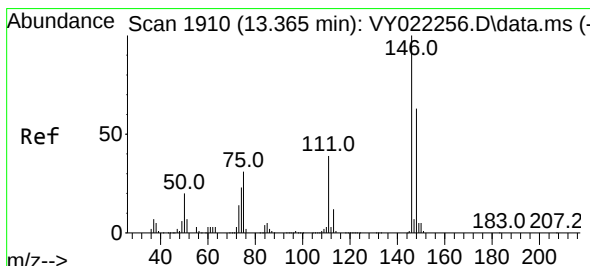
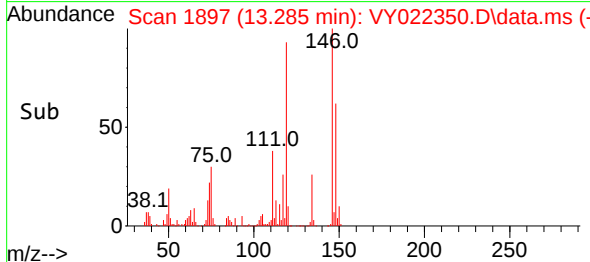
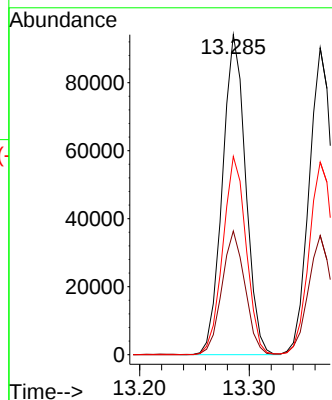
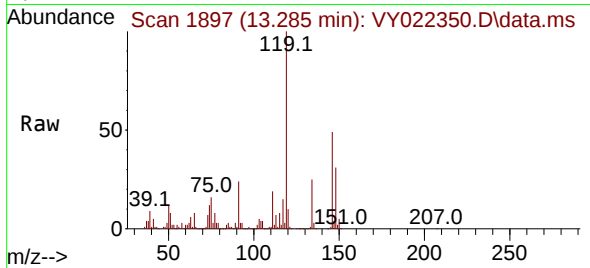




#87
 1,3-Dichlorobenzene
 Concen: 41.845 ug/l
 RT: 13.285 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

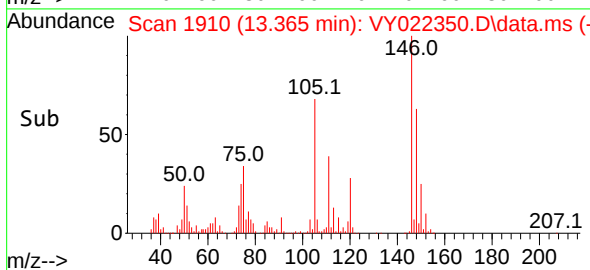
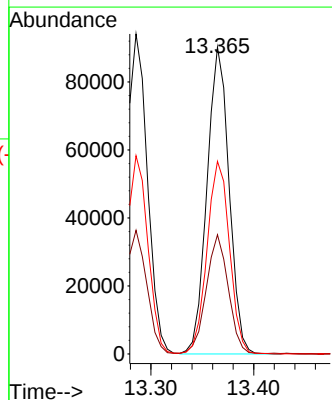
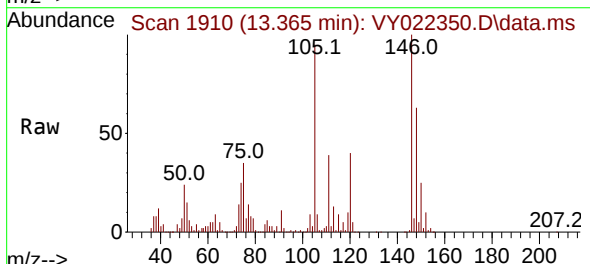
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MS

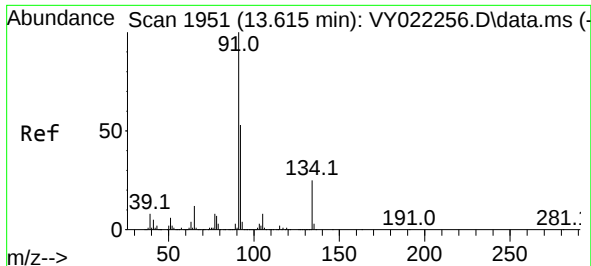
Tgt Ion:146 Resp: 138719
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.9 59.7
 148 62.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 42.329 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

Tgt Ion:146 Resp: 134979
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.0 59.9
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 44.935 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

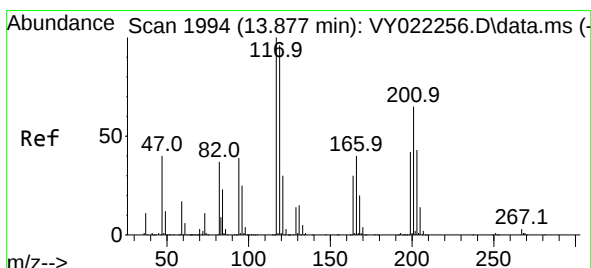
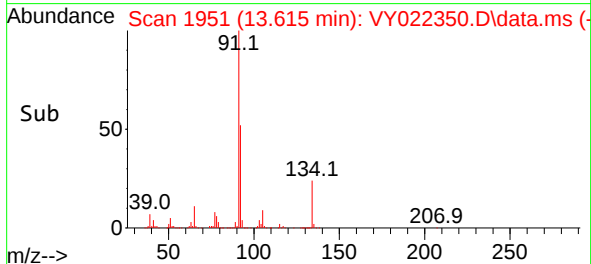
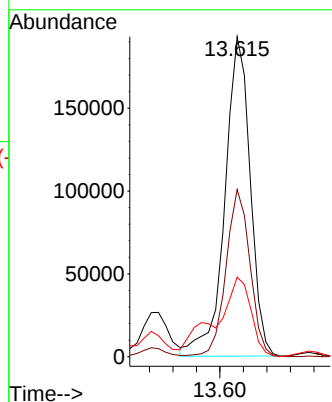
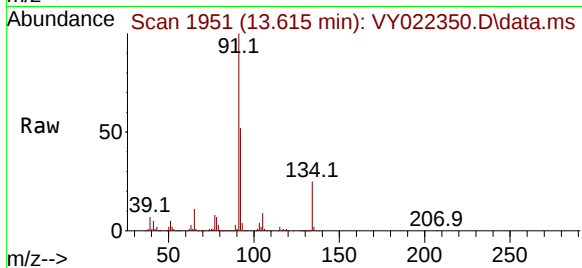
Tgt Ion: 91 Resp: 289529

Ion Ratio Lower Upper

91 100

92 49.4 26.3 78.9

134 35.1 12.4 37.4



#90

Hexachloroethane

Concen: 44.862 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY022350.D

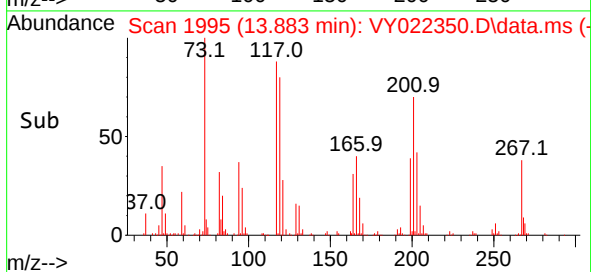
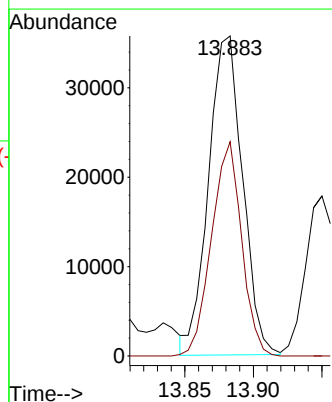
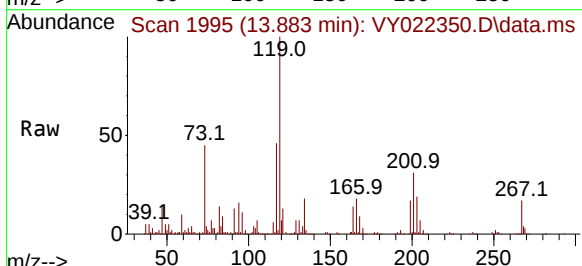
Acq: 20 May 2025 18:04

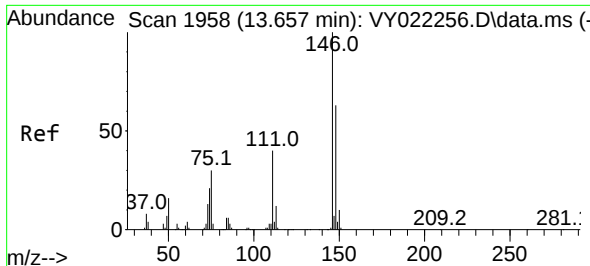
Tgt Ion: 117 Resp: 61677

Ion Ratio Lower Upper

117 100

201 59.3 35.2 105.6

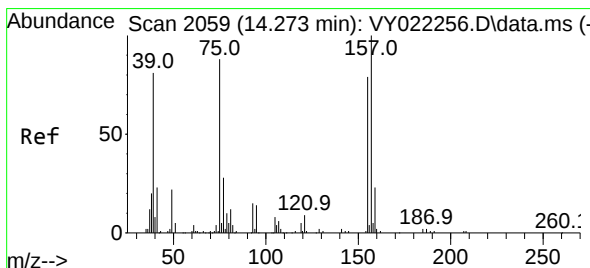
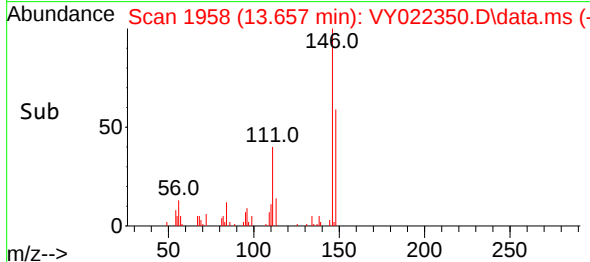
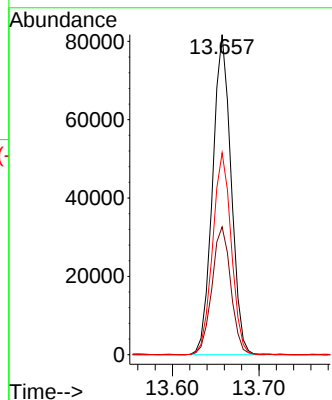
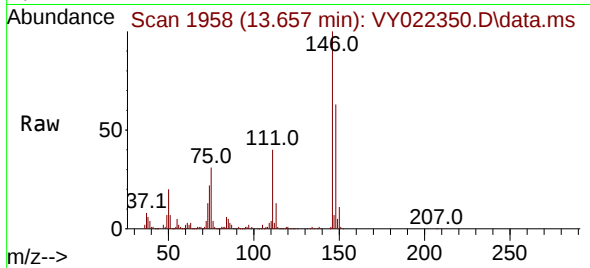




#91
 1,2-Dichlorobenzene
 Concen: 43.485 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

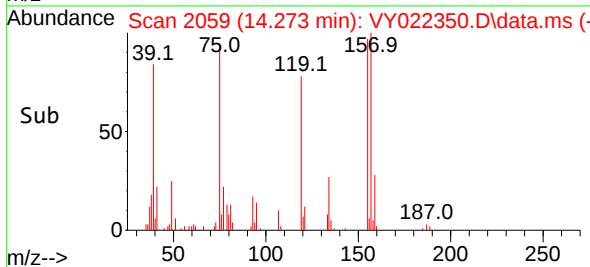
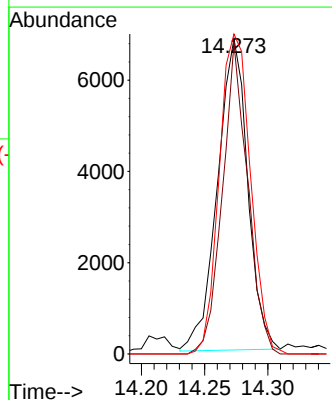
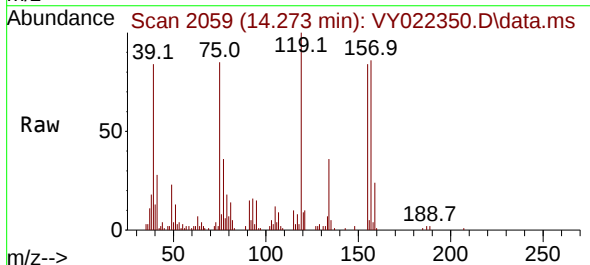
Instrument :
 MSVOA_Y
 ClientSampleId :
 SS-11MS

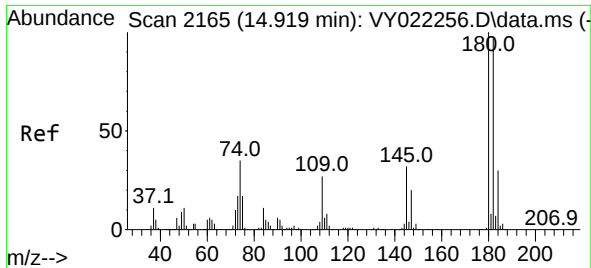
Tgt Ion:146 Resp: 121088
 Ion Ratio Lower Upper
 146 100
 111 40.8 20.5 61.5
 148 63.6 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.046 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. 0.000 min
 Lab File: VY022350.D
 Acq: 20 May 2025 18:04

Tgt Ion: 75 Resp: 11322
 Ion Ratio Lower Upper
 75 100
 155 83.7 43.4 130.1
 157 106.1 54.6 163.9

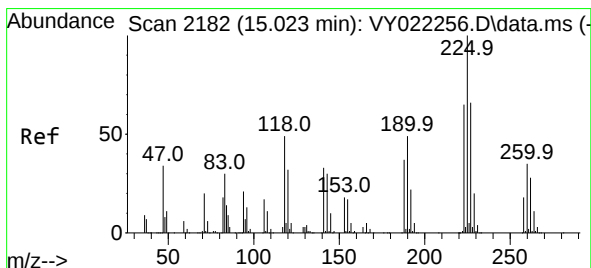
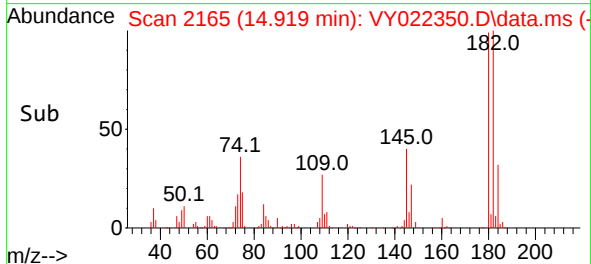
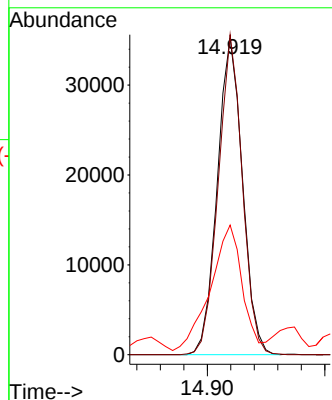
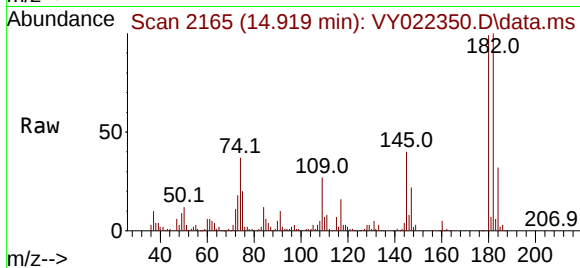




#93
1,2,4-Trichlorobenzene
Concen: 32.643 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

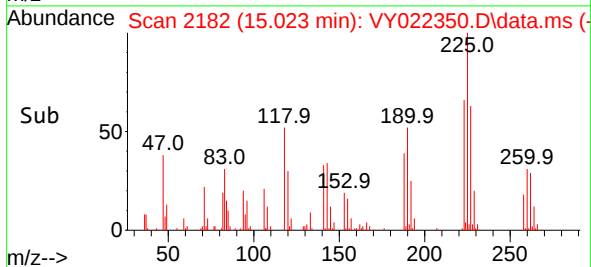
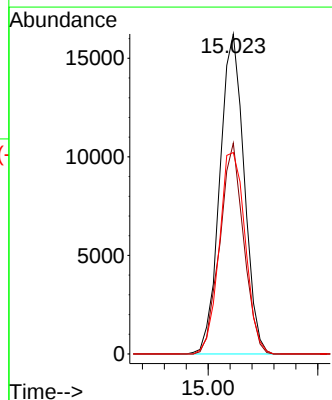
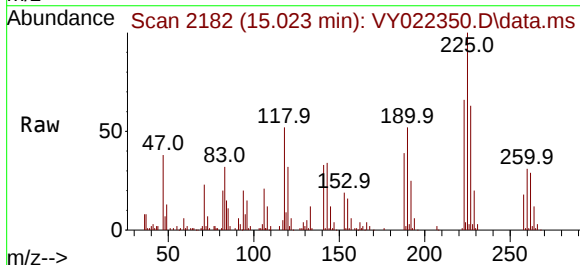
Instrument :
MSVOA_Y
ClientSampleId :
SS-11MS

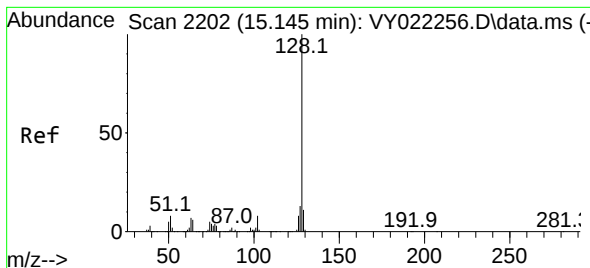
Tgt Ion:180 Resp: 52505
Ion Ratio Lower Upper
180 100
182 96.5 48.0 144.0
145 53.8 15.0 45.1#



#94
Hexachlorobutadiene
Concen: 27.873 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY022350.D
Acq: 20 May 2025 18:04

Tgt Ion:225 Resp: 25002
Ion Ratio Lower Upper
225 100
223 64.5 31.5 94.5
227 67.4 32.1 96.3





#95

Naphthalene

Concen: 67.728 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Instrument :

MSVOA_Y

ClientSampleId :

SS-11MS

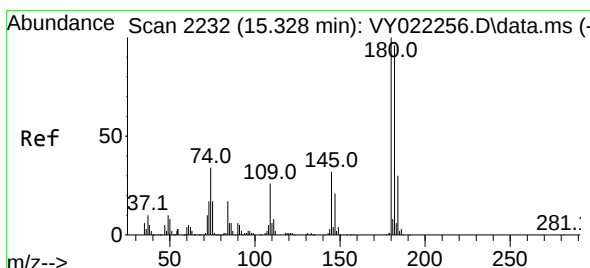
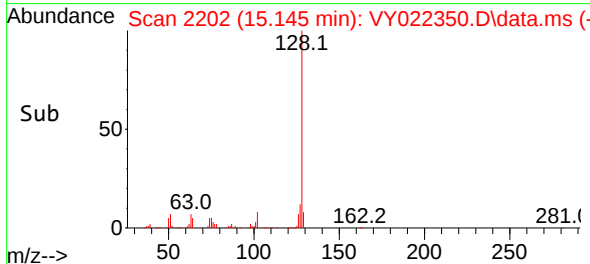
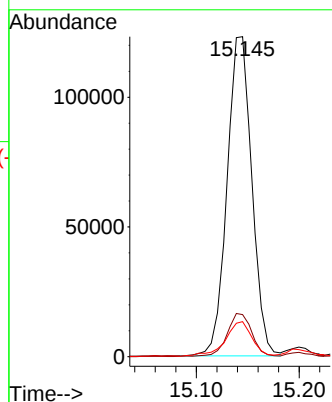
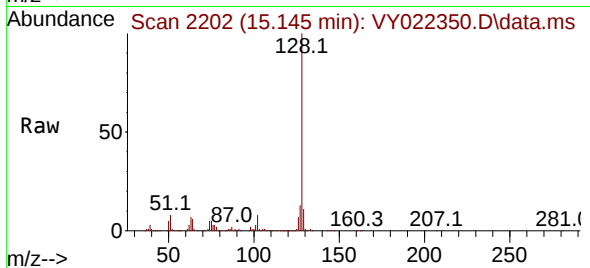
Tgt Ion:128 Resp: 206730

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

129 11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 33.285 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022350.D

Acq: 20 May 2025 18:04

Tgt Ion:180 Resp: 45418

Ion Ratio Lower Upper

180 100

182 96.7 47.1 141.3

145 96.6 15.9 47.6#

