

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062025\
 Data File : VY022761.D
 Acq On : 20 Jun 2025 12:48
 Operator : SY/MD
 Sample : VY0620SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 21 02:38:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	127528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	216032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	185975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	87528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	79074	55.439	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.880%	
35) Dibromofluoromethane	7.640	113	72984	56.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.200%	
50) Toluene-d8	10.109	98	289764	55.615	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.220%	
62) 4-Bromofluorobenzene	12.408	95	83301	53.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.320%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	24077	21.088	ug/l	99
3) Chloromethane	2.068	50	73246	21.715	ug/l	100
4) Vinyl Chloride	2.208	62	83339	21.298	ug/l	98
5) Bromomethane	2.592	94	94497	25.196	ug/l	99
6) Chloroethane	2.739	64	57463	21.395	ug/l	93
7) Trichlorofluoromethane	3.050	101	73476	22.119	ug/l	91
8) Diethyl Ether	3.458	74	16061	21.469	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	30872	22.066	ug/l	97
10) Methyl Iodide	4.007	142	29935	19.771	ug/l	99
11) Tert butyl alcohol	4.891	59	9949	97.661	ug/l #	73
12) 1,1-Dichloroethene	3.793	96	29993	22.427	ug/l	96
13) Acrolein	3.659	56	7124	56.112	ug/l	97
14) Allyl chloride	4.385	41	42116	20.060	ug/l	94
15) Acrylonitrile	5.067	53	34294	108.241	ug/l	99
16) Acetone	3.879	43	42387	146.330	ug/l	97
17) Carbon Disulfide	4.104	76	86886	20.293	ug/l	98
18) Methyl Acetate	4.397	43	17760	20.705	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	79773	21.178	ug/l	99
20) Methylene Chloride	4.616	84	37516	22.800	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	32845	21.944	ug/l	96
22) Diisopropyl ether	6.025	45	103301	22.105	ug/l	97
23) Vinyl Acetate	5.964	43	285057	103.060	ug/l	98
24) 1,1-Dichloroethane	5.921	63	63549	23.083	ug/l	98
25) 2-Butanone	6.903	43	50533	120.942	ug/l	94
26) 2,2-Dichloropropane	6.890	77	54269	22.310	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	38438	22.218	ug/l	98
28) Bromochloromethane	7.244	49	27315	22.761	ug/l	98
29) Tetrahydrofuran	7.262	42	27792	103.129	ug/l	98
30) Chloroform	7.427	83	64288	23.576	ug/l	95
31) Cyclohexane	7.707	56	53661	19.579	ug/l	93
32) 1,1,1-Trichloroethane	7.622	97	55090	22.758	ug/l	99
36) 1,1-Dichloropropene	7.841	75	46122	22.039	ug/l	99
37) Ethyl Acetate	6.988	43	18416	19.733	ug/l #	74
38) Carbon Tetrachloride	7.823	117	47110	21.943	ug/l	97
39) Methylcyclohexane	9.116	83	55931	19.887	ug/l	97
40) Benzene	8.079	78	140827	22.783	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	10417	19.109	ug/l	95
42) 1,2-Dichloroethane	8.158	62	39092	23.162	ug/l	99
43) Isopropyl Acetate	8.201	43	41517	20.598	ug/l	96
44) Trichloroethene	8.866	130	33429	22.128	ug/l	96
45) 1,2-Dichloropropane	9.146	63	33803	23.140	ug/l	99
46) Dibromomethane	9.237	93	18610	22.644	ug/l	96
47) Bromodichloromethane	9.426	83	47470	22.779	ug/l	94
48) Methyl methacrylate	9.225	41	18580	19.641	ug/l	96
49) 1,4-Dioxane	9.237	88	4100	421.100	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	102622	102.119	ug/l	98
52) Toluene	10.176	92	86321	22.222	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	41809	21.413	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	49569	21.809	ug/l	97
55) 1,1,2-Trichloroethane	10.573	97	23400	22.329	ug/l	97
56) Ethyl methacrylate	10.445	69	28959	19.119	ug/l	96
57) 1,3-Dichloropropane	10.719	76	42489	22.876	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	75659	110.021	ug/l	96
59) 2-Hexanone	10.762	43	72802	108.322	ug/l	98
60) Dibromochloromethane	10.914	129	29123	21.868	ug/l	99
61) 1,2-Dibromoethane	11.018	107	20934	21.917	ug/l	97
64) Tetrachloroethene	10.646	164	38887	24.308	ug/l	97
65) Chlorobenzene	11.444	112	90879	22.083	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	30308	21.861	ug/l	98
67) Ethyl Benzene	11.518	91	160203	20.988	ug/l	98
68) m/p-Xylenes	11.627	106	119198	41.193	ug/l	100
69) o-Xylene	11.956	106	56624	20.871	ug/l	100
70) Styrene	11.969	104	93948	20.949	ug/l	99
71) Bromoform	12.133	173	15595	21.139	ug/l #	95
73) Isopropylbenzene	12.255	105	150074	20.884	ug/l	99
74) N-amyl acetate	12.072	43	34086	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	23678	20.076	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	35001	34.954	ug/l #	100
77) Bromobenzene	12.530	156	32041	21.129	ug/l	100
78) n-propylbenzene	12.597	91	185349	21.118	ug/l	99
79) 2-Chlorotoluene	12.682	91	96378	20.718	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	116822	20.707	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	8012	19.322	ug/l	97
82) 4-Chlorotoluene	12.780	91	98279	20.480	ug/l	97
83) tert-Butylbenzene	12.999	119	103929	20.525	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	115483	20.466	ug/l	100
85) sec-Butylbenzene	13.176	105	162280	20.926	ug/l	99
86) p-Isopropyltoluene	13.292	119	129856	20.315	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	65252	21.238	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	62934	21.119	ug/l	97
89) n-Butylbenzene	13.621	91	123416	20.350	ug/l	100
90) Hexachloroethane	13.883	117	27285	21.925	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	55516	21.282	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	3491	20.330	ug/l	90
93) 1,2,4-Trichlorobenzene	14.919	180	29924	21.033	ug/l	96
94) Hexachlorobutadiene	15.023	225	16598	21.137	ug/l	97
95) Naphthalene	15.145	128	51985	19.041	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	25623	21.015	ug/l	98

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QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

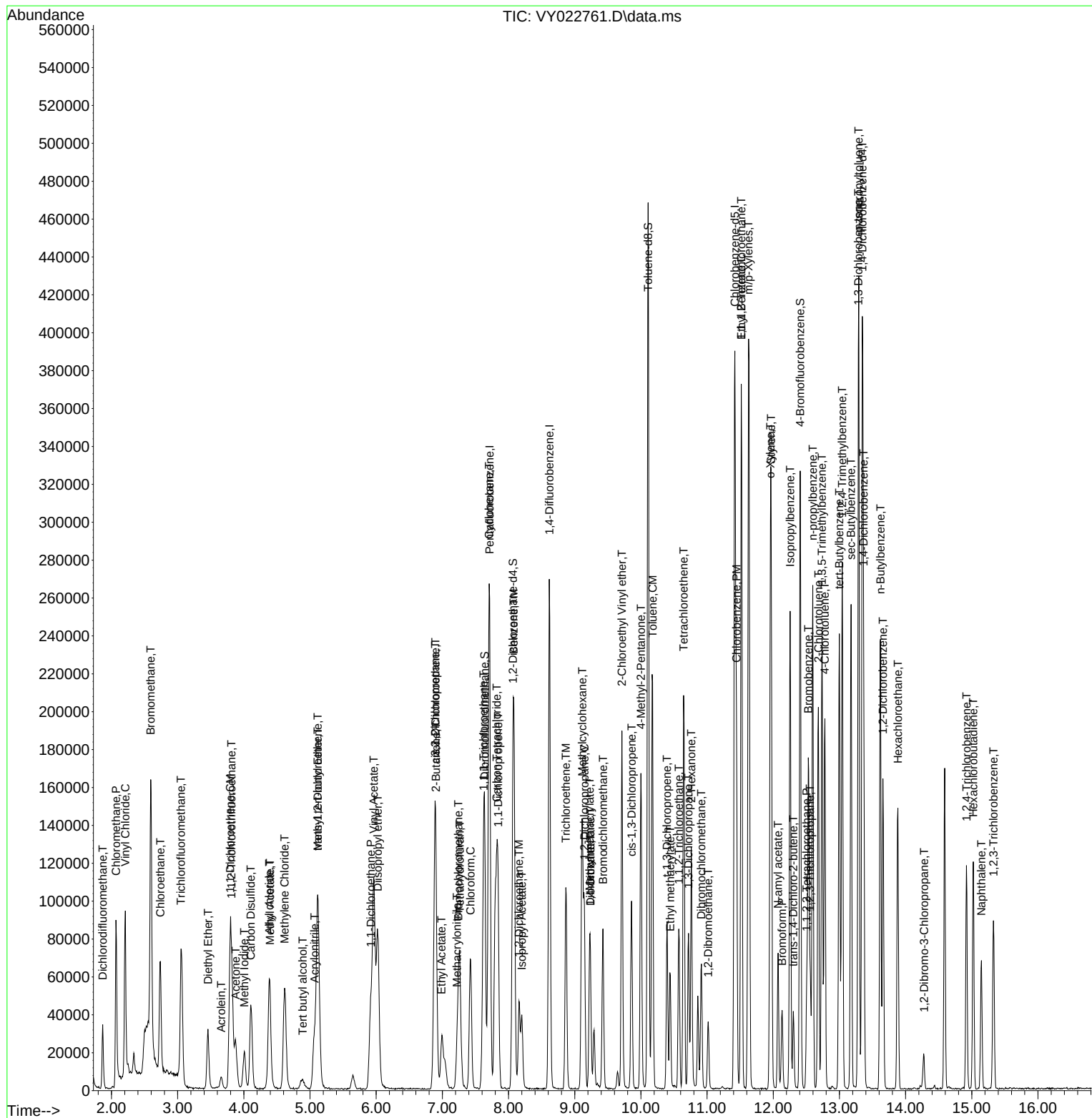
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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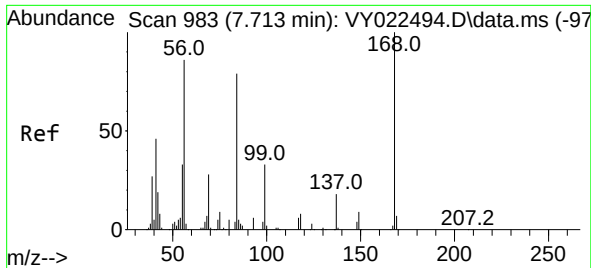
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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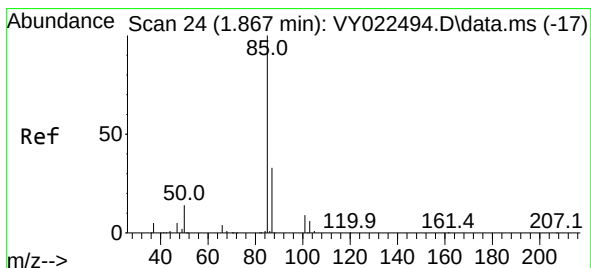
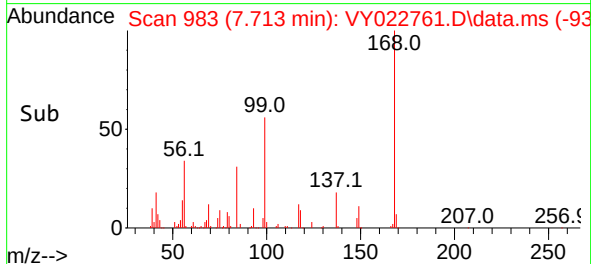
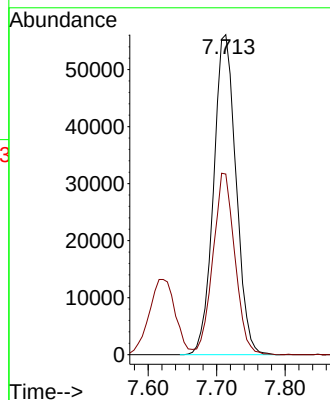
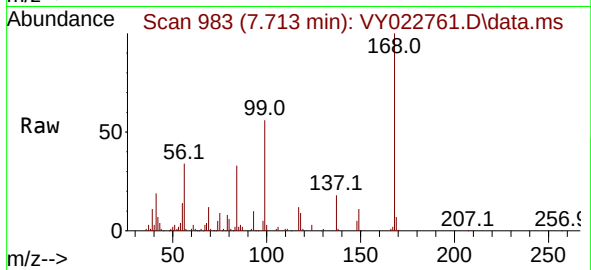




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022761.D
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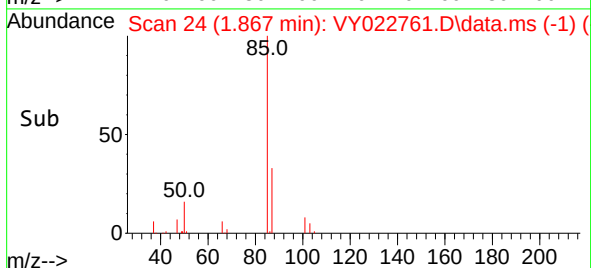
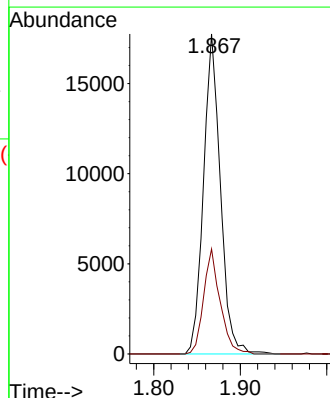
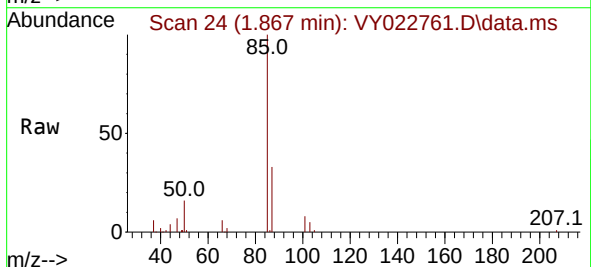
Instrument :
MSVOA_Y
ClientSampleId :

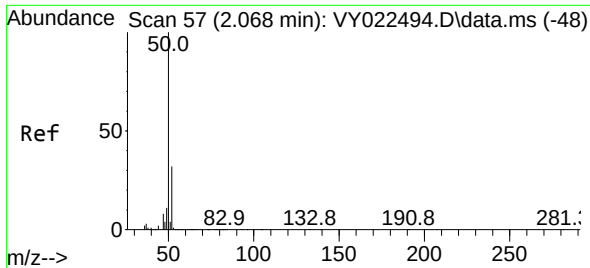
Tgt Ion:168 Resp: 127528
Ion Ratio Lower Upper
168 100
99 56.4 44.3 66.5



#2
Dichlorodifluoromethane
Concen: 21.088 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 85 Resp: 24077
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.0

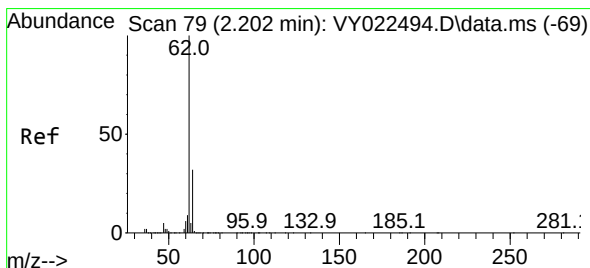
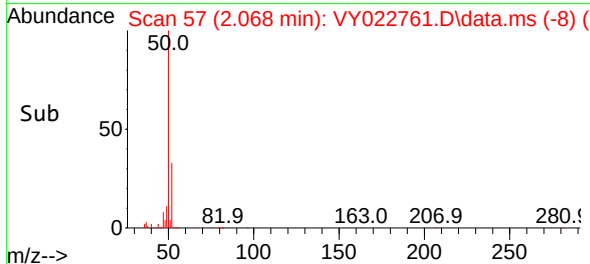
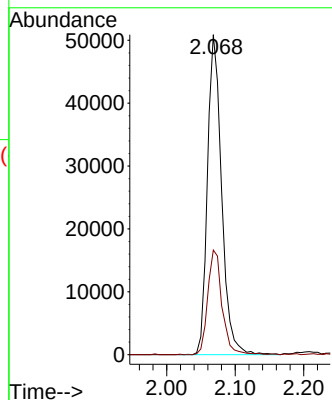
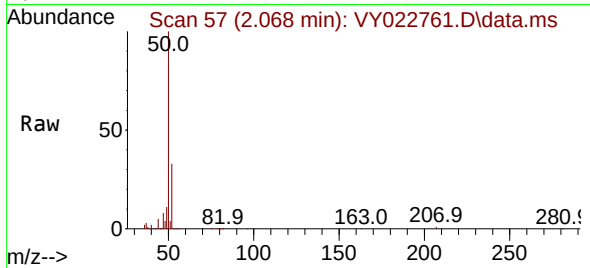




#3
Chloromethane
Concen: 21.715 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

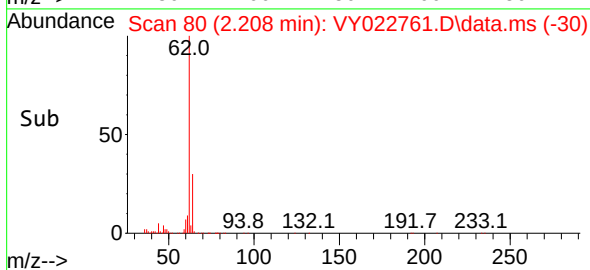
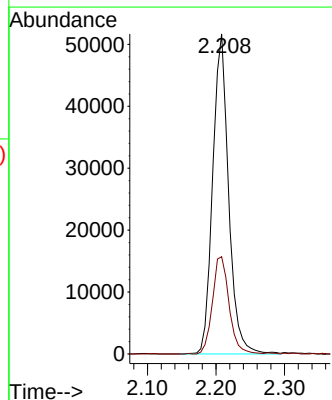
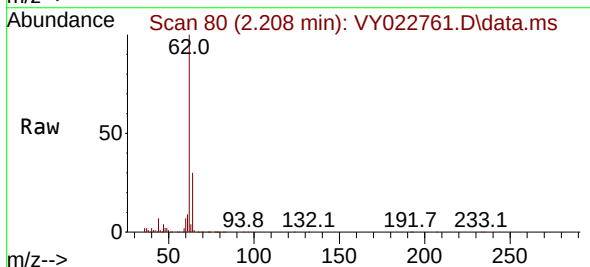
Instrument :
MSVOA_Y
ClientSampleId :

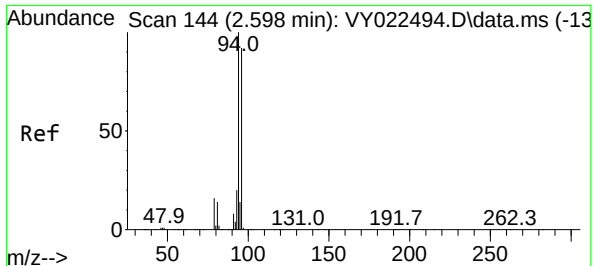
Tgt Ion: 50 Resp: 73246
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 21.298 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 62 Resp: 83339
Ion Ratio Lower Upper
62 100
64 30.4 25.3 37.9

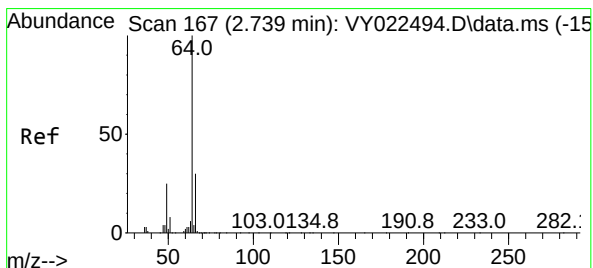
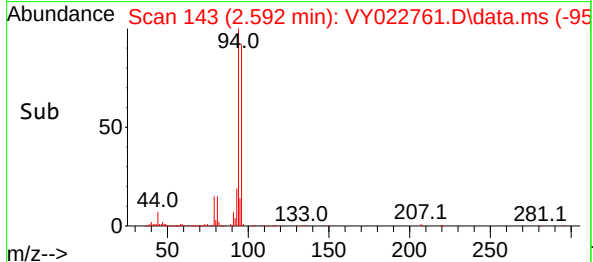
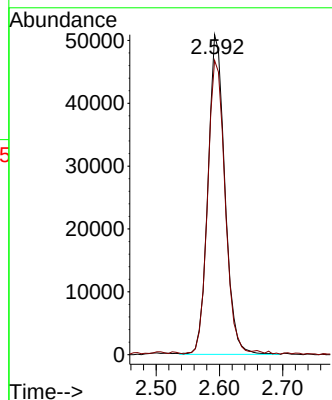
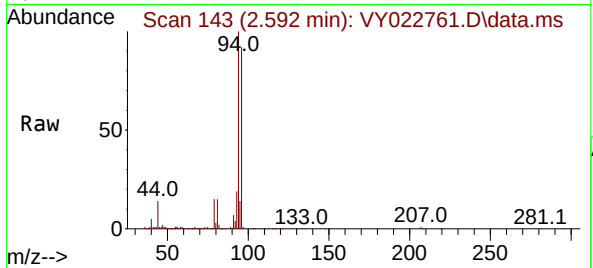




#5
Bromomethane
Concen: 25.196 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

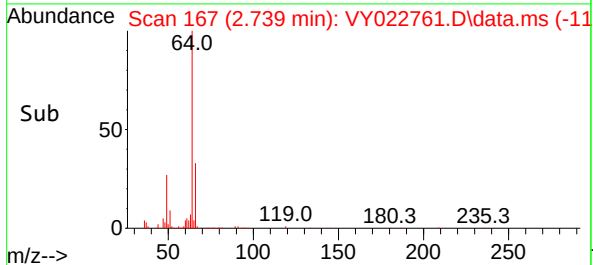
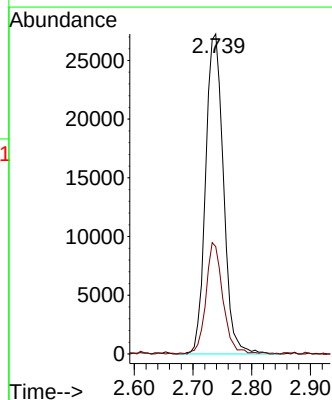
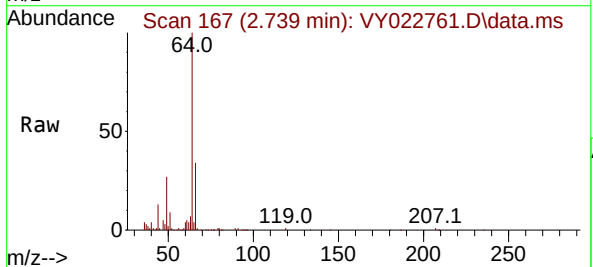
Instrument :
MSVOA_Y
ClientSampleId :

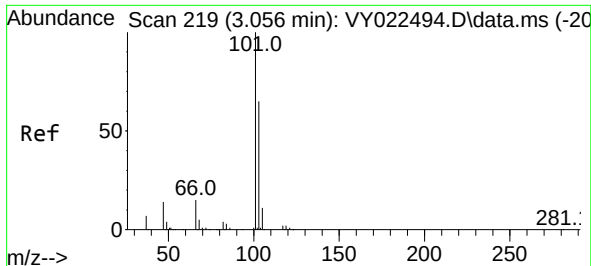
Tgt Ion: 94 Resp: 94497
Ion Ratio Lower Upper
94 100
96 91.8 74.0 111.0



#6
Chloroethane
Concen: 21.395 ug/l
RT: 2.739 min Scan# 167
Delta R.T. -0.000 min
Lab File: VY022761.D
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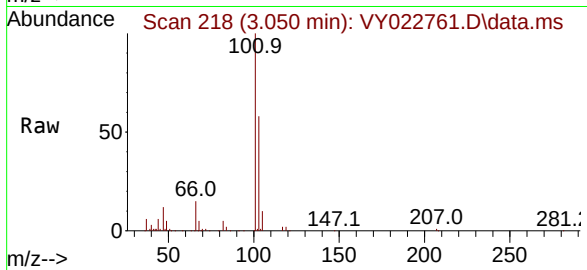
Tgt Ion: 64 Resp: 57463
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.6



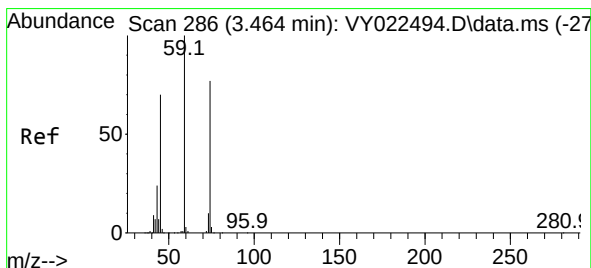
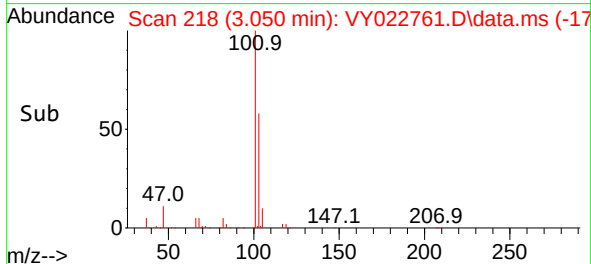
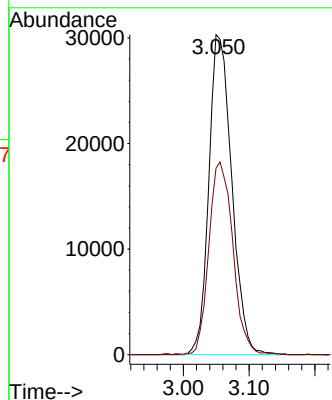


#7
 Trichlorofluoromethane
 Concen: 22.119 ug/l
 RT: 3.050 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY022761.D
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 ClientSampleId :

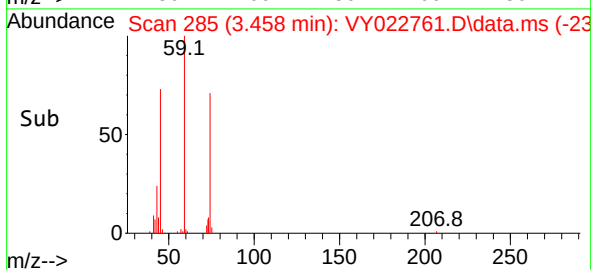
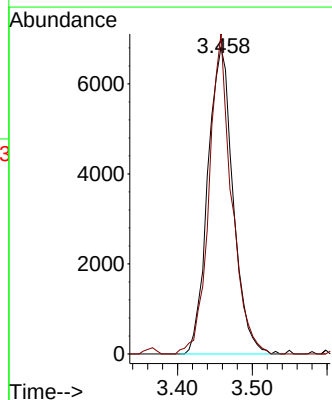
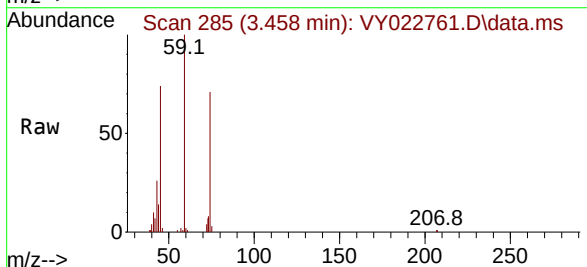


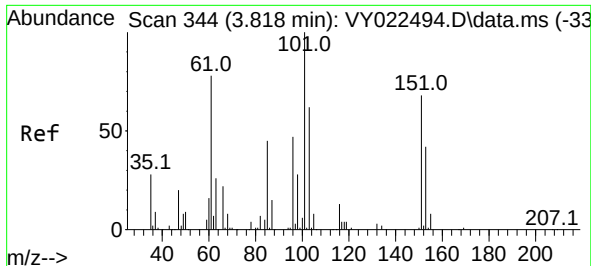
Tgt Ion:101 Resp: 73476
 Ion Ratio Lower Upper
 101 100
 103 58.1 52.2 78.2



#8
 Diethyl Ether
 Concen: 21.469 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. -0.006 min
 Lab File: VY022761.D
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Tgt Ion: 74 Resp: 16061
 Ion Ratio Lower Upper
 74 100
 45 92.9 45.9 137.6

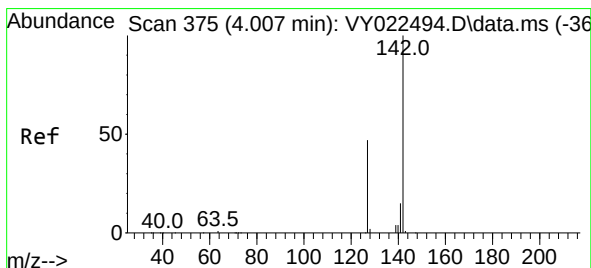
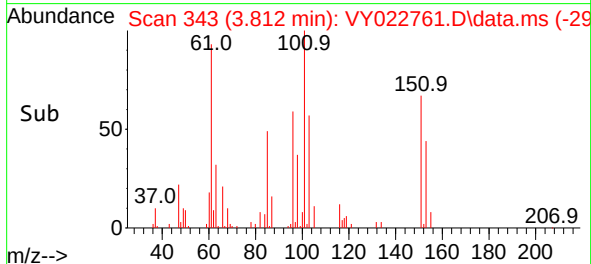
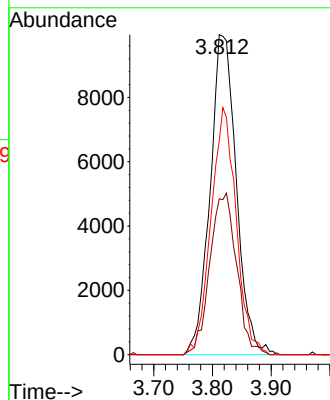
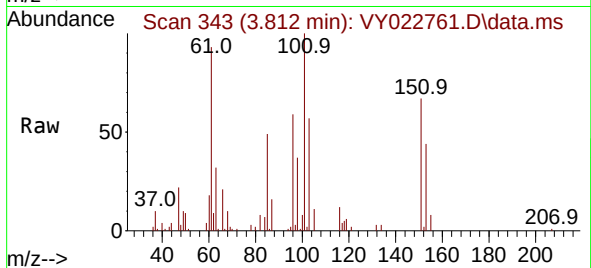




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.066 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

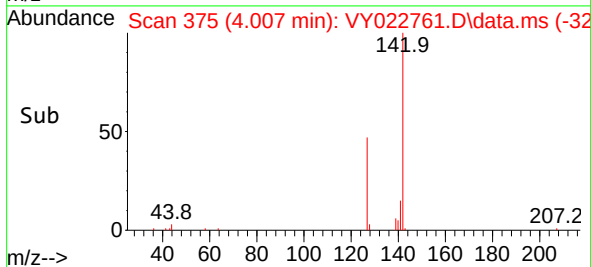
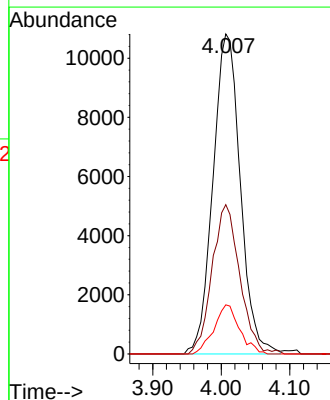
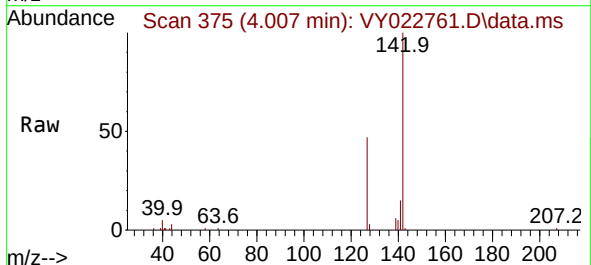
Instrument :
MSVOA_Y
ClientSampleId :

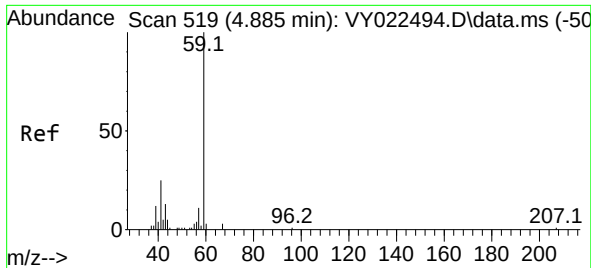
Tgt Ion:101 Resp: 30872
Ion Ratio Lower Upper
101 100
85 51.4 39.3 58.9
151 74.1 57.8 86.8



#10
Methyl Iodide
Concen: 19.771 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion:142 Resp: 29935
Ion Ratio Lower Upper
142 100
127 47.4 37.1 55.7
141 14.4 11.4 17.2

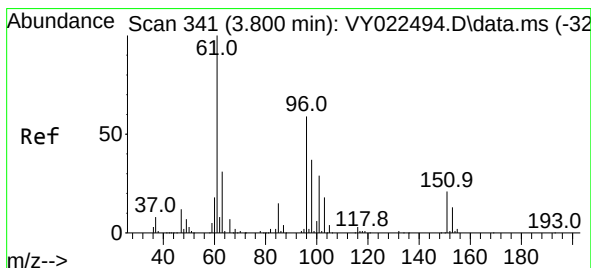
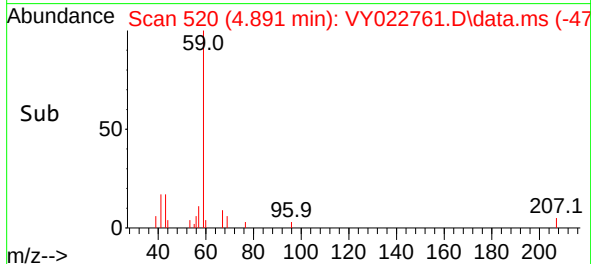
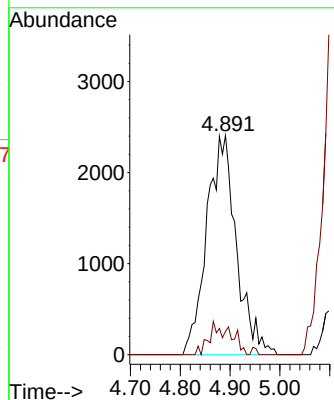
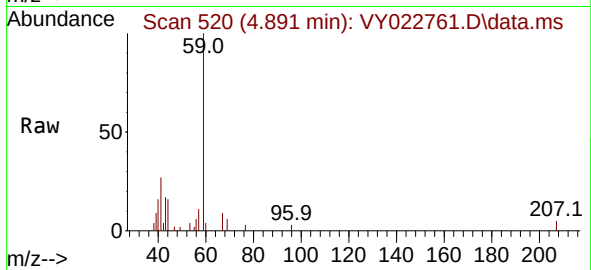




#11
Tert butyl alcohol
Concen: 97.661 ug/l
RT: 4.891 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

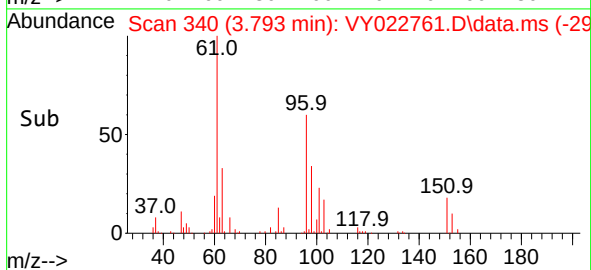
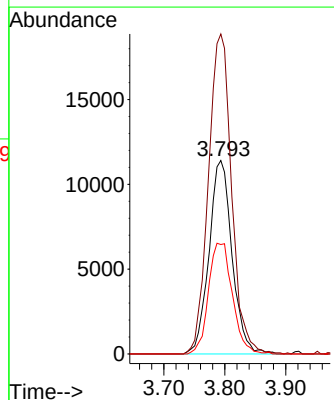
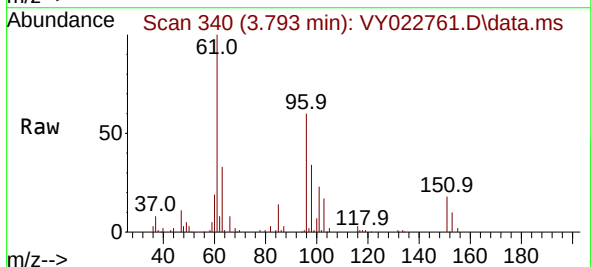
Instrument :
MSVOA_Y
ClientSampleId :

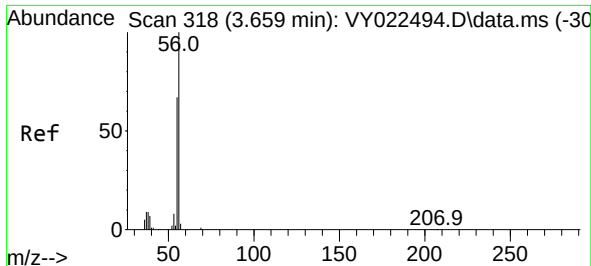
Tgt Ion: 59 Resp: 9949
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 22.427 ug/l
RT: 3.793 min Scan# 340
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 96 Resp: 29993
Ion Ratio Lower Upper
96 100
61 165.4 134.6 201.8
98 56.6 50.2 75.4





#13

Acrolein

Concen: 56.112 ug/l

RT: 3.659 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

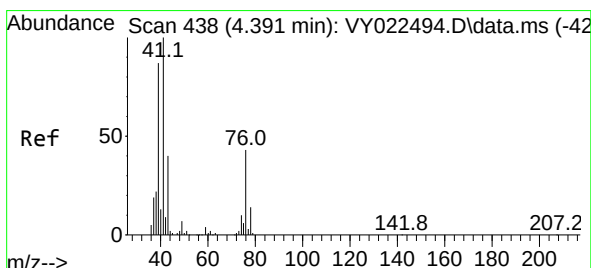
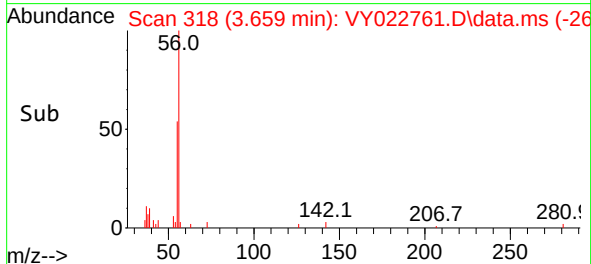
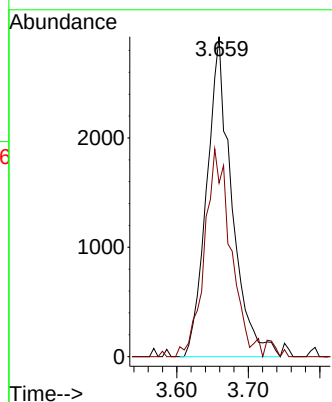
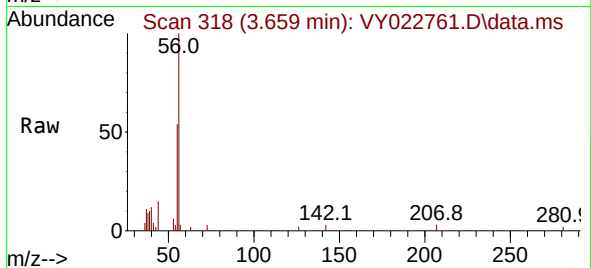
ClientSampleId :

Tgt Ion: 56 Resp: 7124

Ion Ratio Lower Upper

56 100

55 68.4 57.0 85.6



#14

Allyl chloride

Concen: 20.060 ug/l

RT: 4.385 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

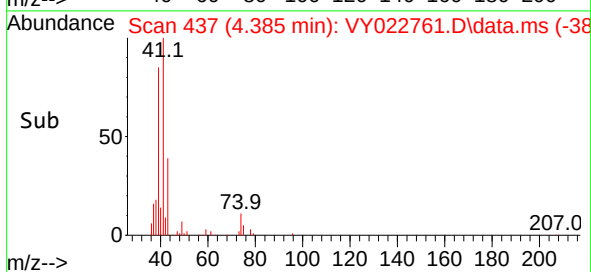
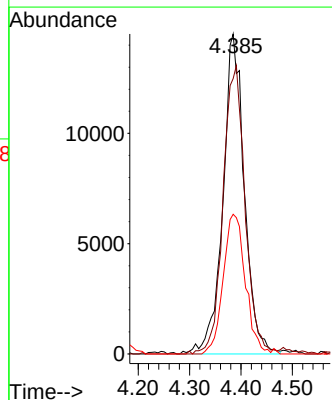
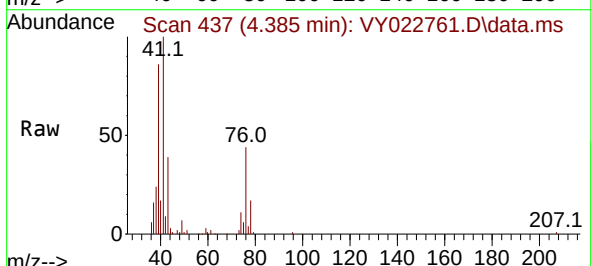
Tgt Ion: 41 Resp: 42116

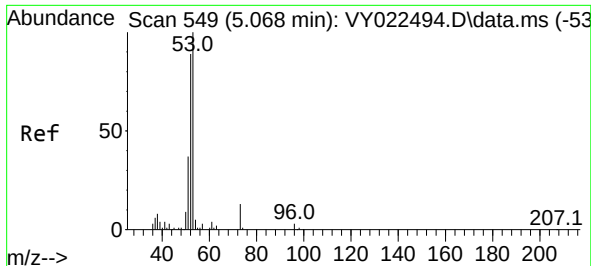
Ion Ratio Lower Upper

41 100

39 92.0 69.1 103.7

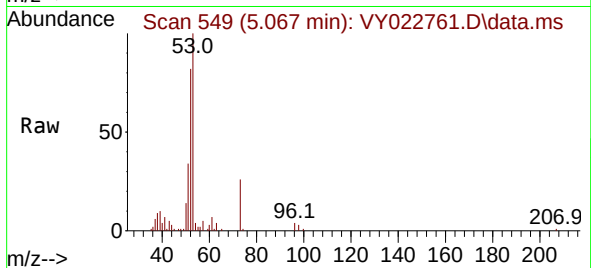
76 45.0 33.5 50.3



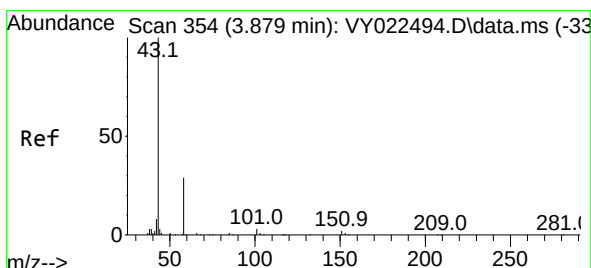
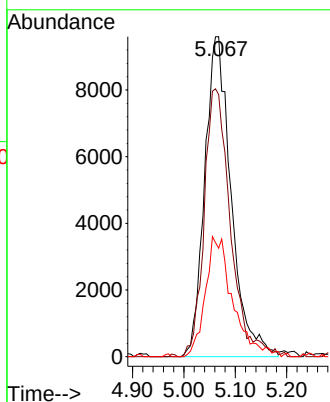
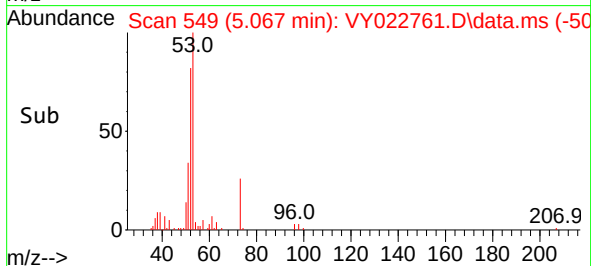


#15
Acrylonitrile
Concen: 108.241 ug/l
RT: 5.067 min Scan# 549
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

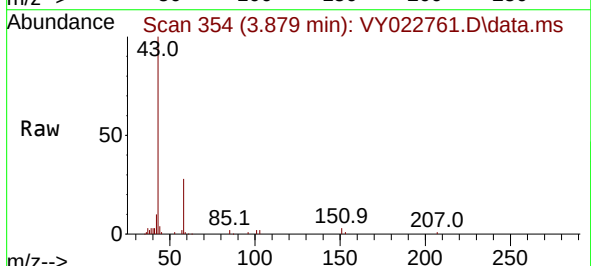
Instrument :
MSVOA_Y
ClientSampleId :



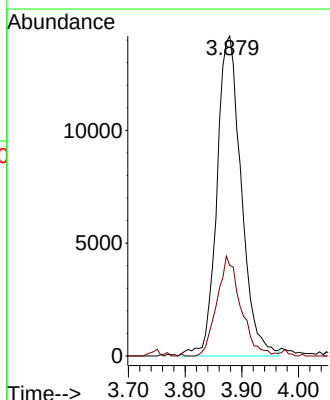
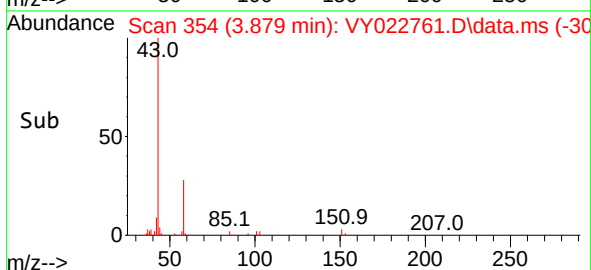
Tgt Ion: 53 Resp: 34294
Ion Ratio Lower Upper
53 100
52 83.2 65.7 98.5
51 38.9 30.1 45.1

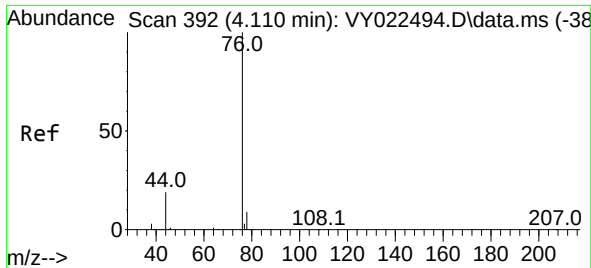


#16
Acetone
Concen: 146.330 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48



Tgt Ion: 43 Resp: 42387
Ion Ratio Lower Upper
43 100
58 28.3 24.0 36.0

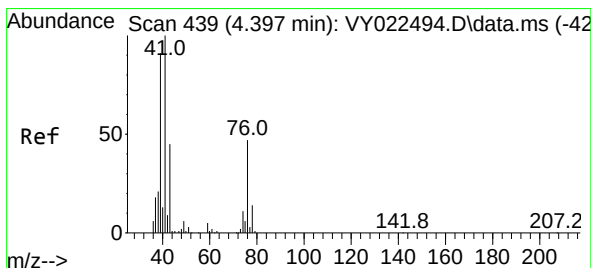
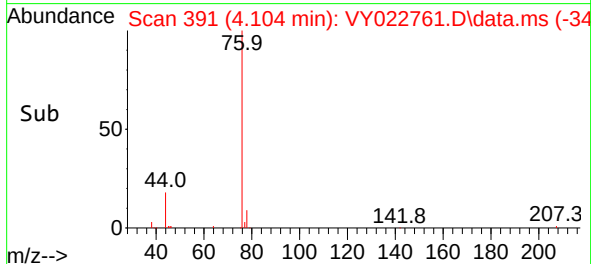
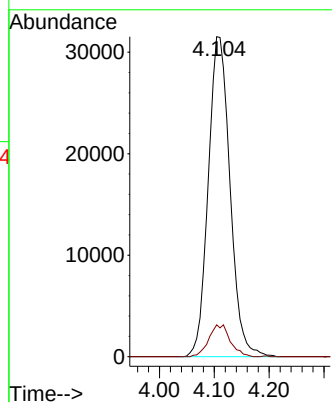
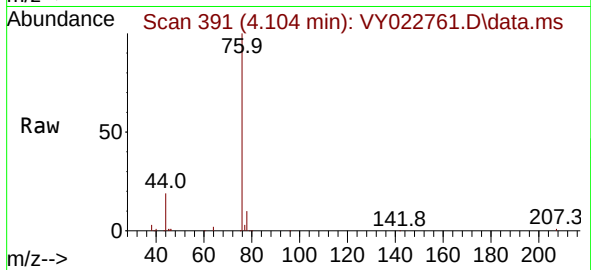




#17
Carbon Disulfide
Concen: 20.293 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

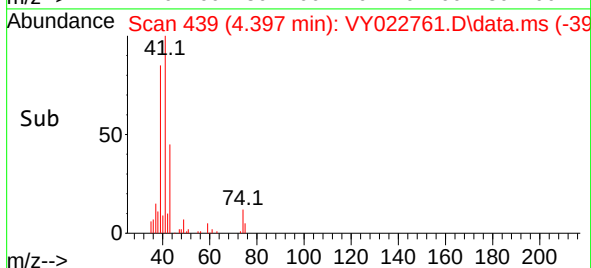
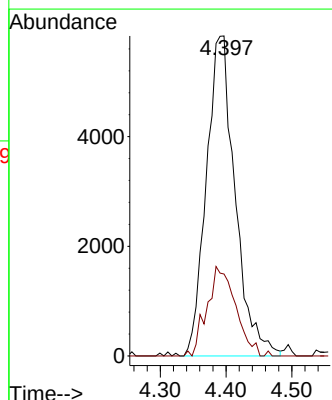
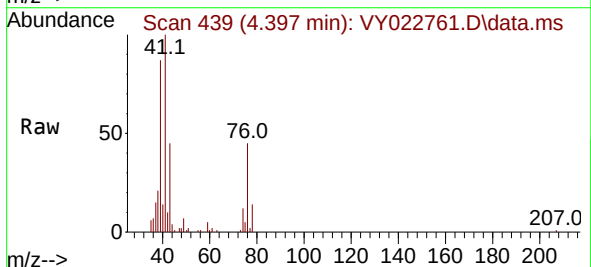
Instrument :
MSVOA_Y
ClientSampleId :

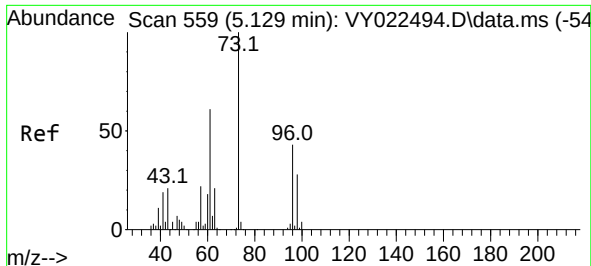
Tgt Ion: 76 Resp: 86886
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2



#18
Methyl Acetate
Concen: 20.705 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

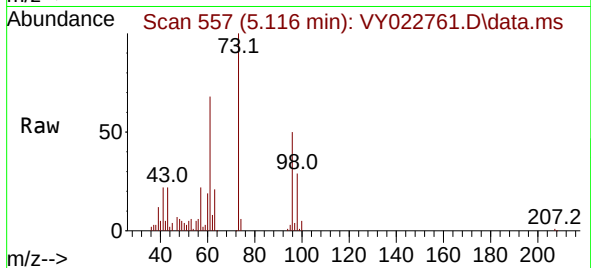
Tgt Ion: 43 Resp: 17760
Ion Ratio Lower Upper
43 100
74 27.7 19.8 29.6



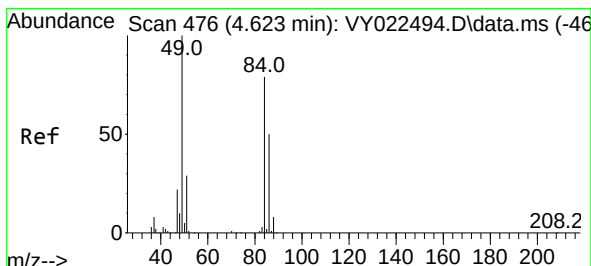
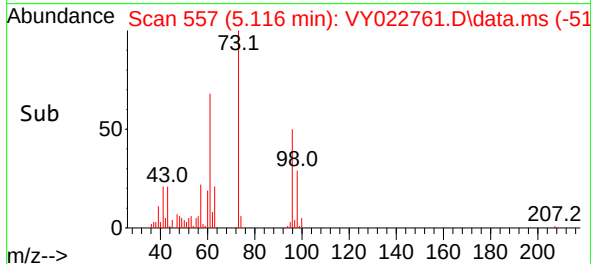
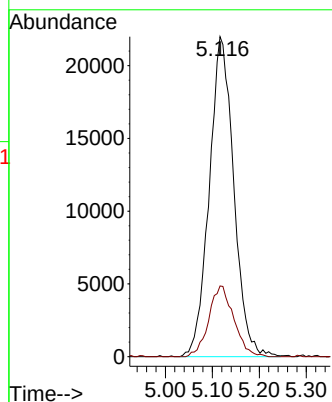


#19
Methyl tert-butyl Ether
Concen: 21.178 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :

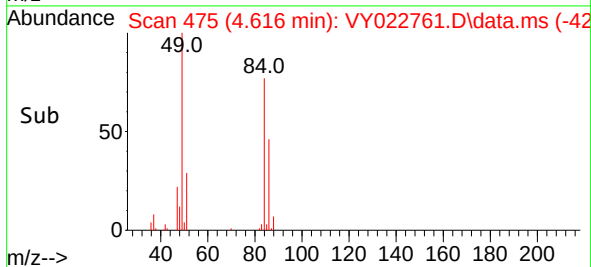
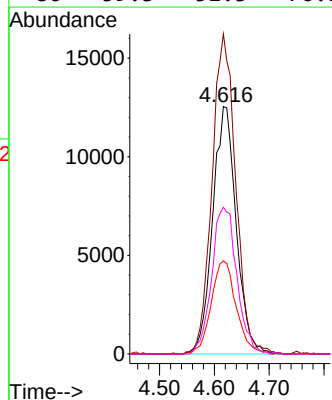
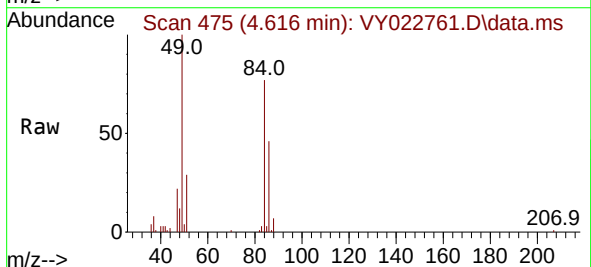


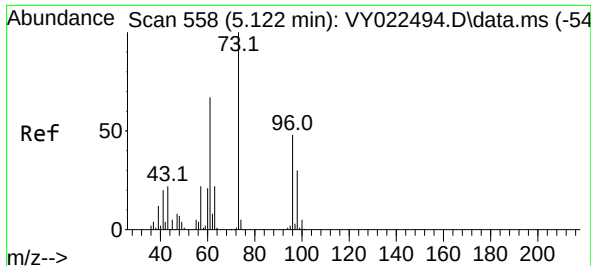
Tgt Ion: 73 Resp: 79773
Ion Ratio Lower Upper
73 100
57 22.1 17.4 26.0



#20
Methylene Chloride
Concen: 22.800 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

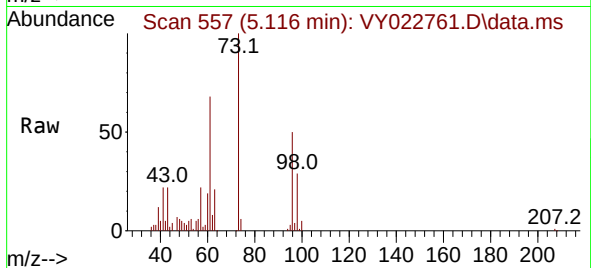
Tgt Ion: 84 Resp: 37516
Ion Ratio Lower Upper
84 100
49 129.4 101.9 152.9
51 37.7 29.8 44.8
86 59.3 51.3 76.9



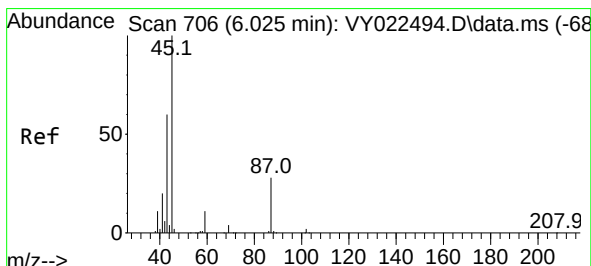
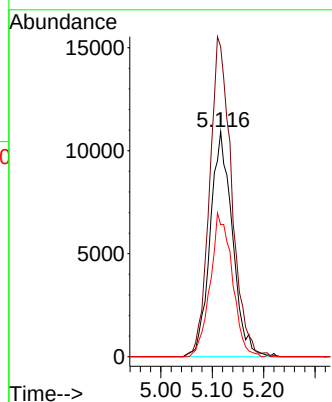
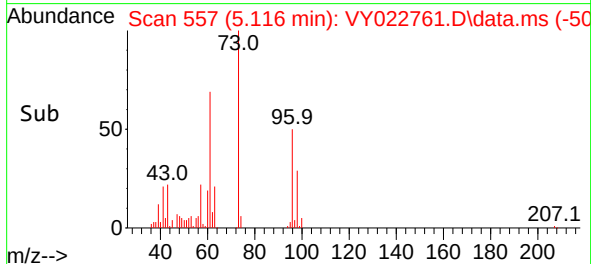


#21
trans-1,2-Dichloroethene
Concen: 21.944 ug/l
RT: 5.116 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

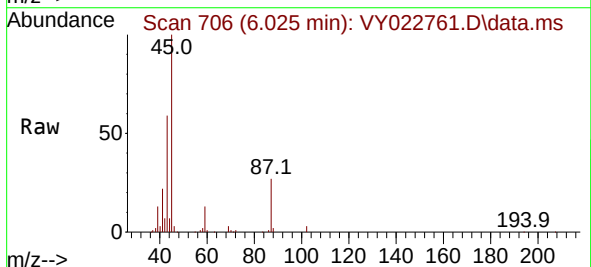
Instrument :
MSVOA_Y
ClientSampleId :



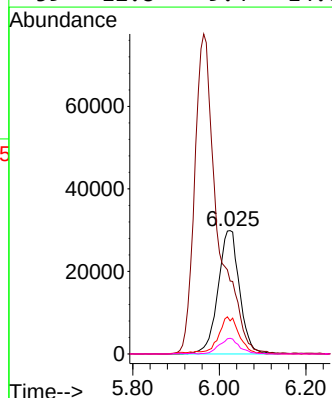
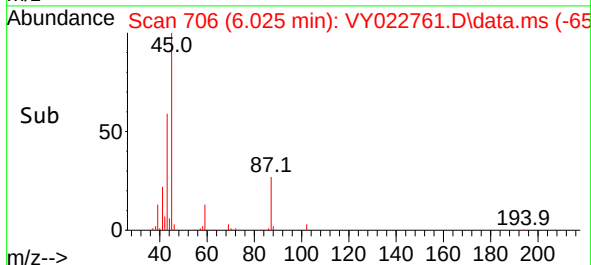
Tgt Ion: 96 Resp: 32845
Ion Ratio Lower Upper
96 100
61 137.6 112.6 169.0
98 58.6 50.6 75.8

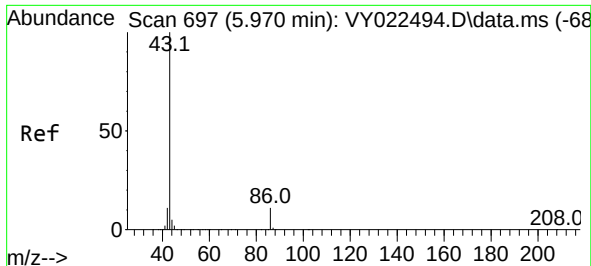


#22
Diisopropyl ether
Concen: 22.105 ug/l
RT: 6.025 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48



Tgt Ion: 45 Resp: 103301
Ion Ratio Lower Upper
45 100
43 58.5 48.3 72.5
87 26.9 23.0 34.6
59 12.8 9.4 14.0

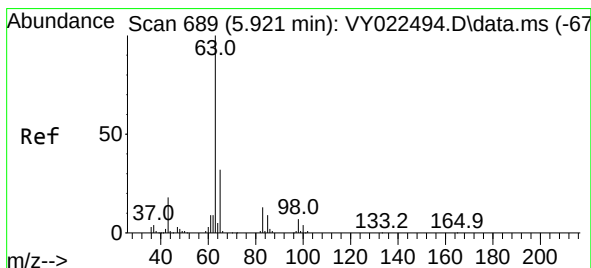
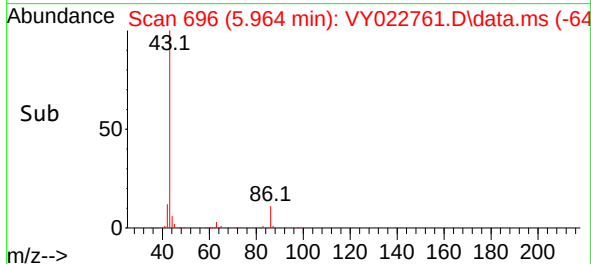
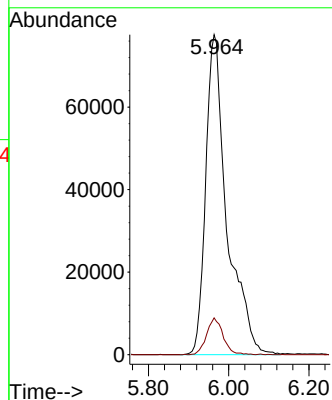
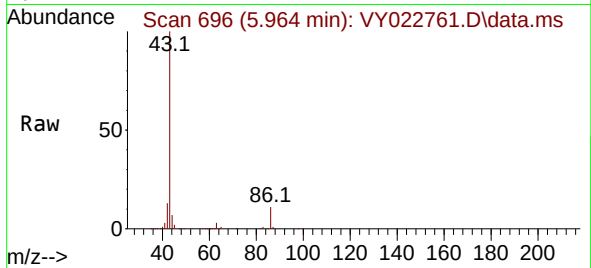




#23
 Vinyl Acetate
 Concen: 103.060 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

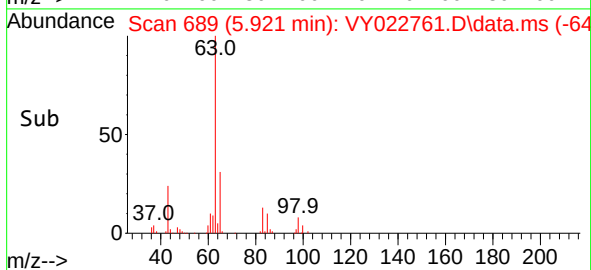
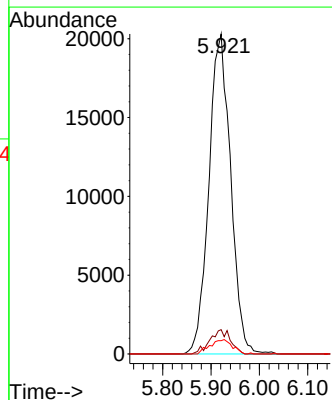
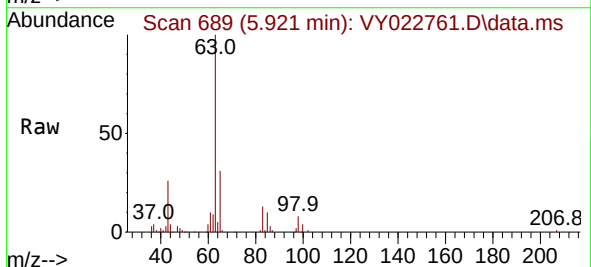
Instrument :
 MSVOA_Y
 ClientSampleId :

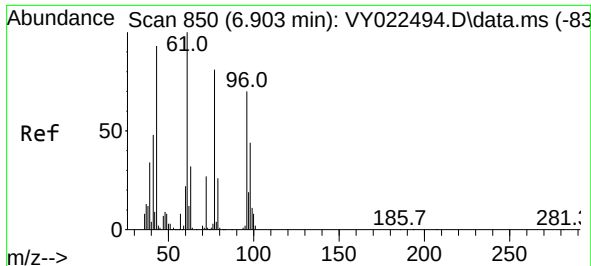
Tgt Ion: 43 Resp: 285057
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 23.083 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

Tgt Ion: 63 Resp: 63549
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.1
 100 4.1 2.1 6.3

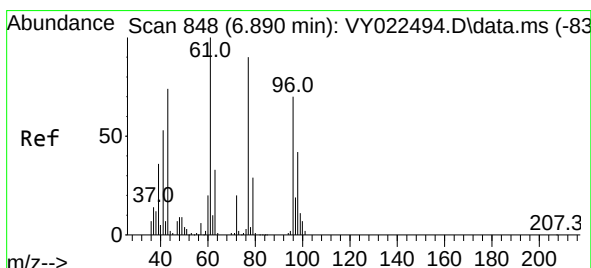
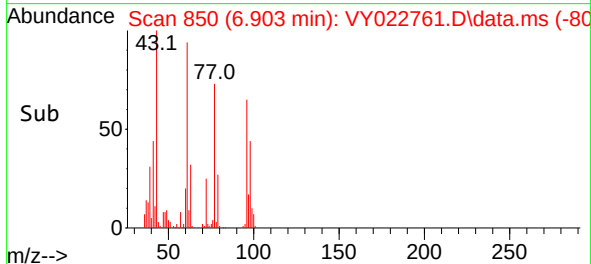
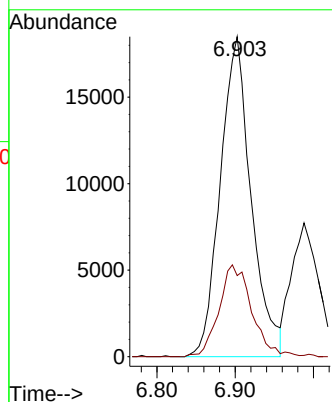
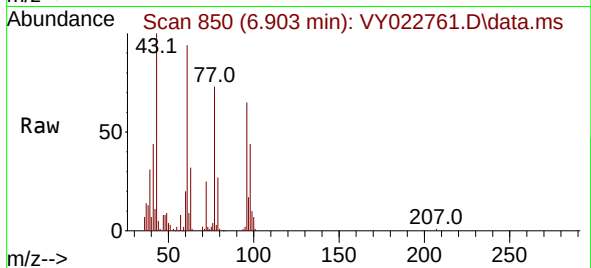




#25
2-Butanone
Concen: 120.942 ug/l
RT: 6.903 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

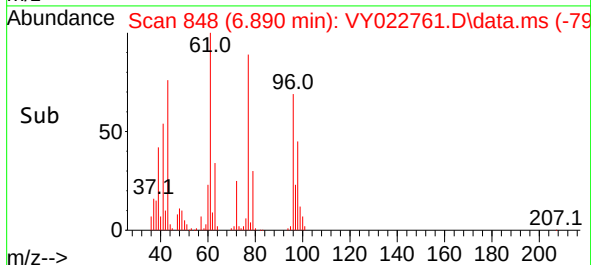
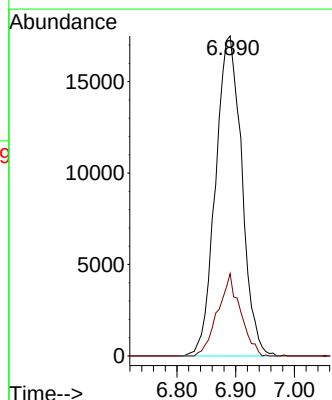
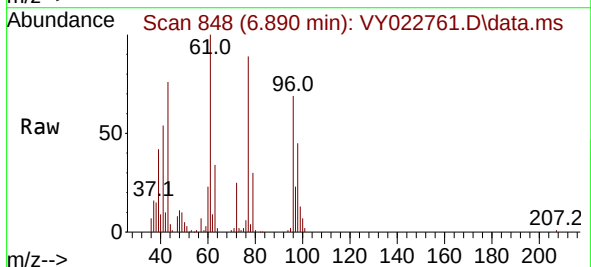
Instrument :
MSVOA_Y
ClientSampleId :

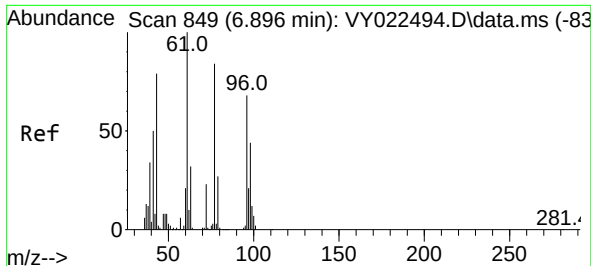
Tgt Ion: 43 Resp: 50533
Ion Ratio Lower Upper
43 100
72 25.3 22.9 34.3



#26
2,2-Dichloropropane
Concen: 22.310 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 77 Resp: 54269
Ion Ratio Lower Upper
77 100
97 22.3 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 22.218 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.000 min

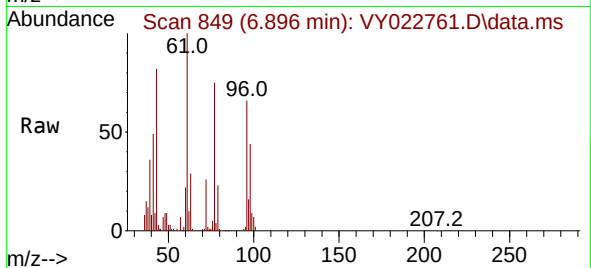
Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :



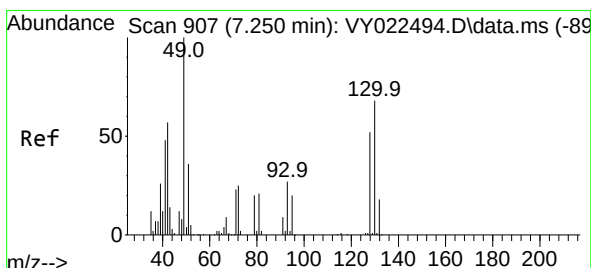
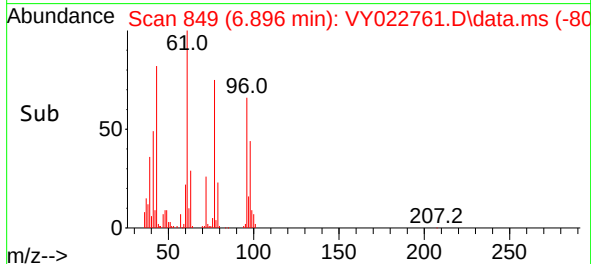
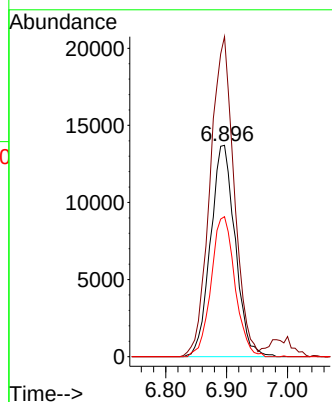
Tgt Ion: 96 Resp: 38438

Ion Ratio Lower Upper

96 100

61 148.0 0.0 290.0

98 64.1 0.0 128.4



#28

Bromochloromethane

Concen: 22.761 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

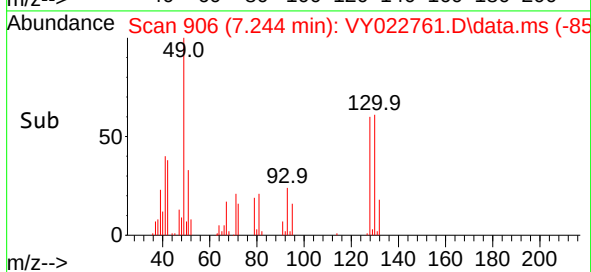
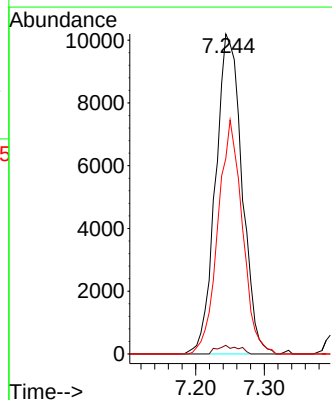
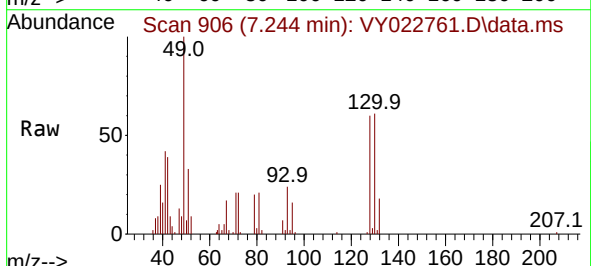
Tgt Ion: 49 Resp: 27315

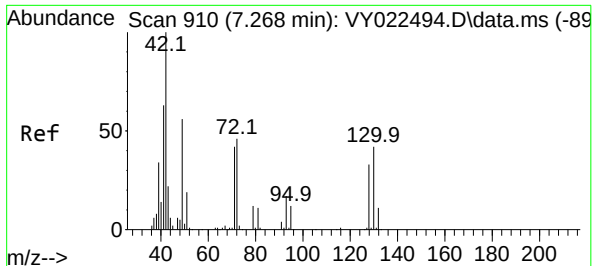
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.6

130 67.7 55.7 83.5





#29

Tetrahydrofuran

Concen: 103.129 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY022761.D

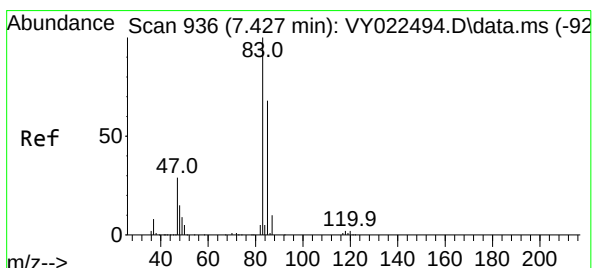
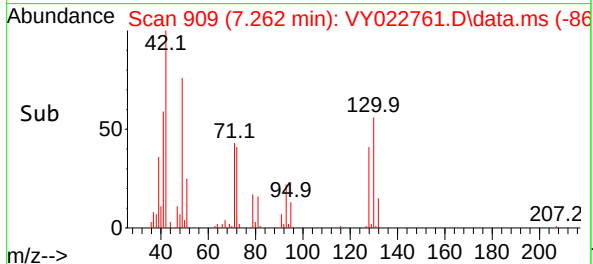
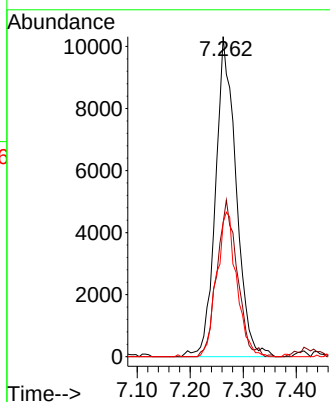
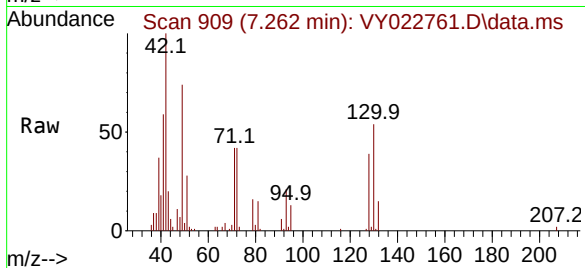
Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	27792
Ion	Ratio	Lower	Upper
42	100		
72	48.3	37.4	56.2
71	44.2	34.2	51.2



#30

Chloroform

Concen: 23.576 ug/l

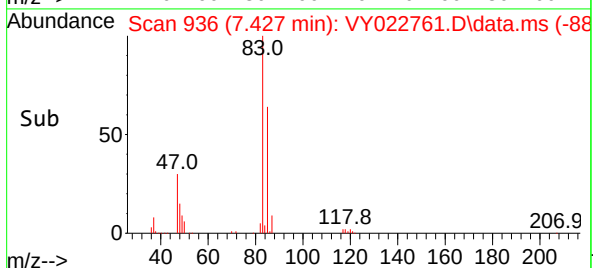
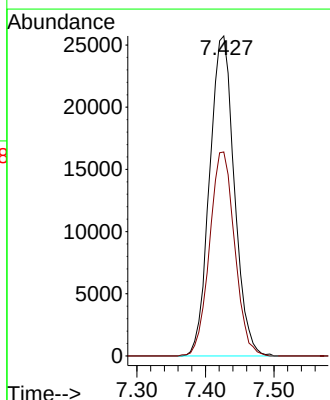
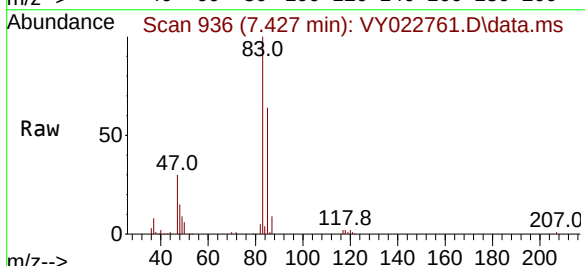
RT: 7.427 min Scan# 936

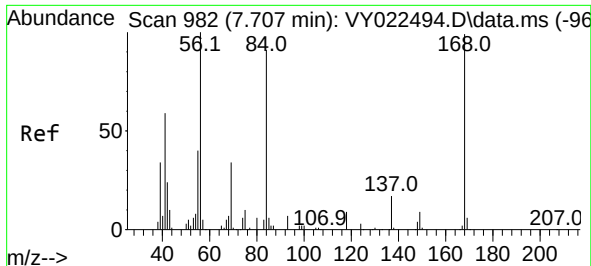
Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

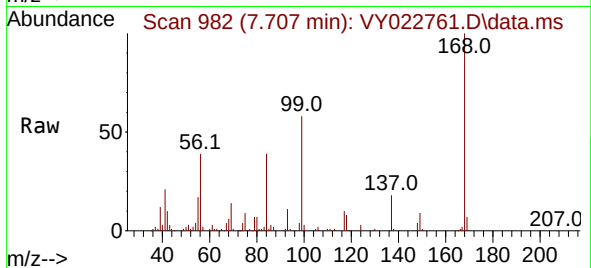
Tgt Ion:	83	Resp:	64288
Ion	Ratio	Lower	Upper
83	100		
85	63.7	54.2	81.4



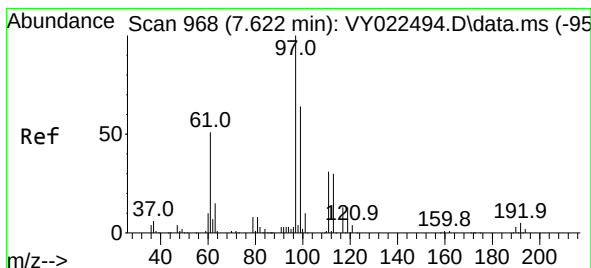
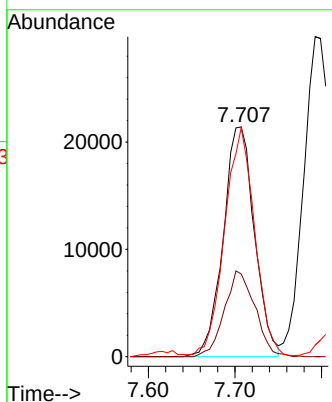
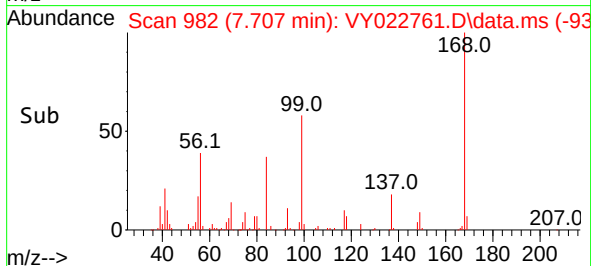


#31
Cyclohexane
Concen: 19.579 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

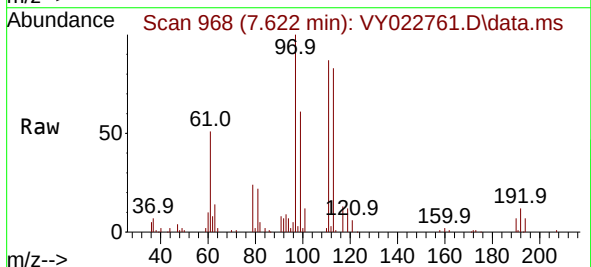
Instrument :
MSVOA_Y
ClientSampled :



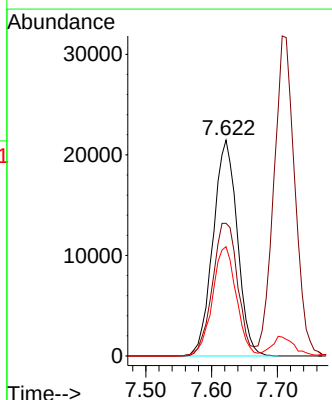
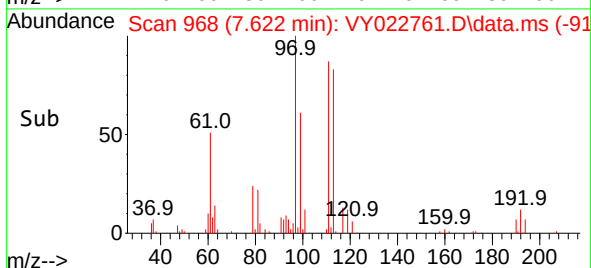
Tgt Ion: 56 Resp: 53661
Ion Ratio Lower Upper
56 100
69 36.0 27.0 40.6
84 98.7 72.6 109.0

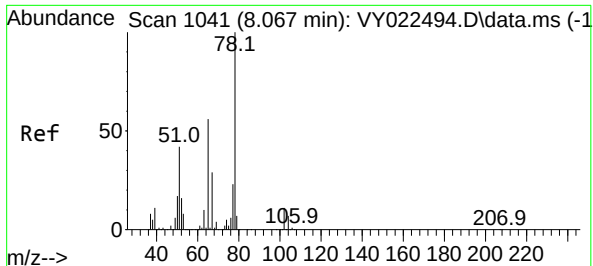


#32
1,1,1-Trichloroethane
Concen: 22.758 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48



Tgt Ion: 97 Resp: 55090
Ion Ratio Lower Upper
97 100
99 64.0 50.9 76.3
61 49.9 38.5 57.7





#33

1,2-Dichloroethane-d4

Concen: 55.439 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

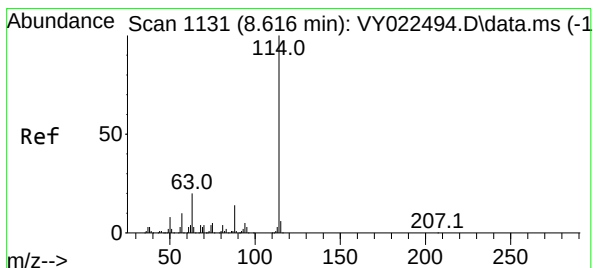
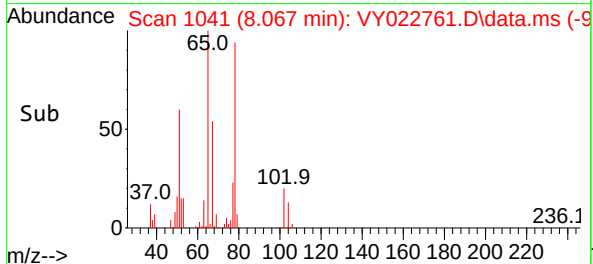
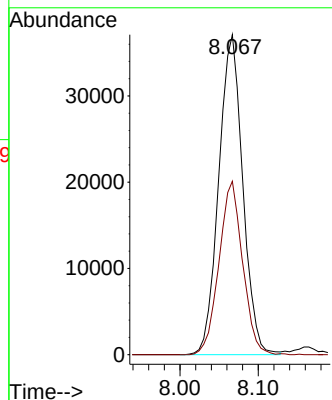
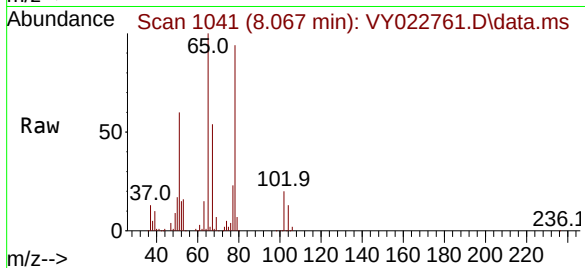
ClientSampleId :

Tgt Ion: 65 Resp: 79074

Ion Ratio Lower Upper

65 100

67 53.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

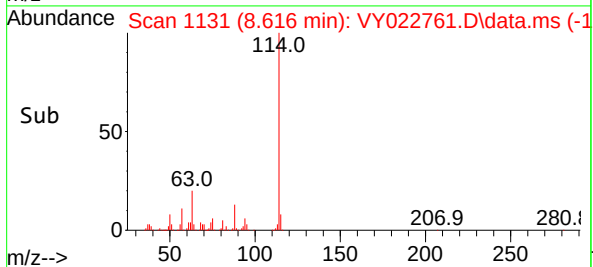
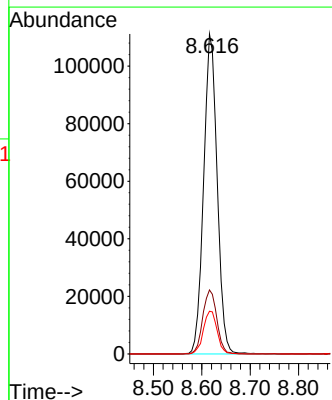
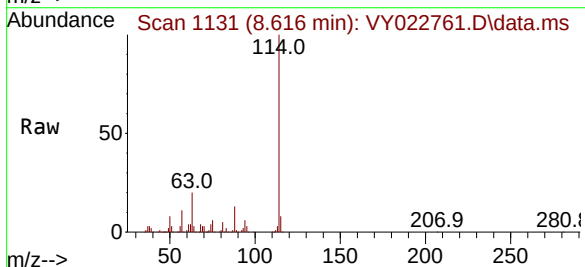
Tgt Ion: 114 Resp: 216032

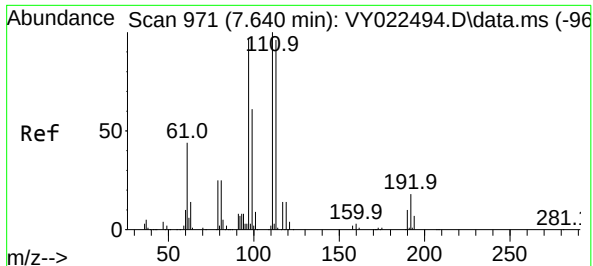
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 13.3 0.0 27.8





#35

Dibromofluoromethane

Concen: 56.601 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.000 min

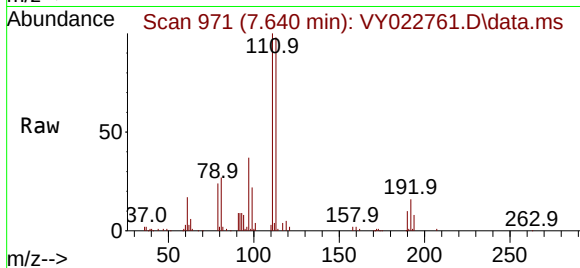
Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :



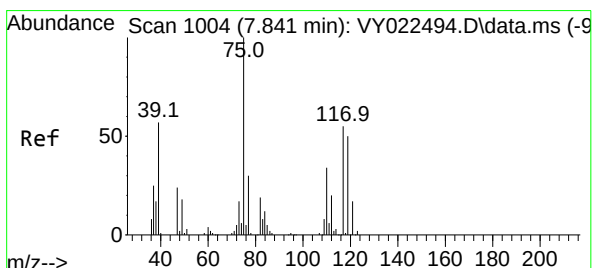
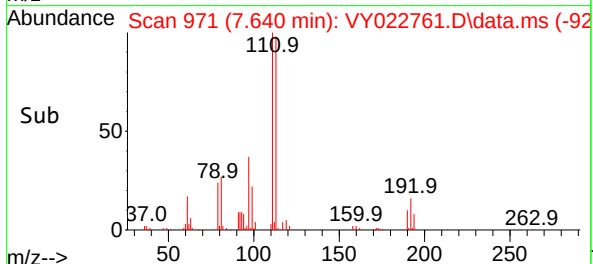
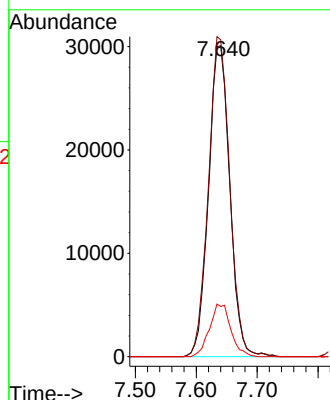
Tgt Ion:113 Resp: 72984

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

192 16.9 14.2 21.2



#36

1,1-Dichloropropene

Concen: 22.039 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

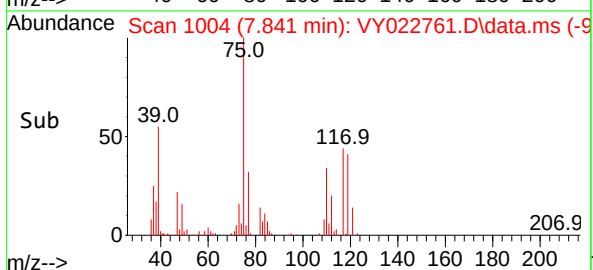
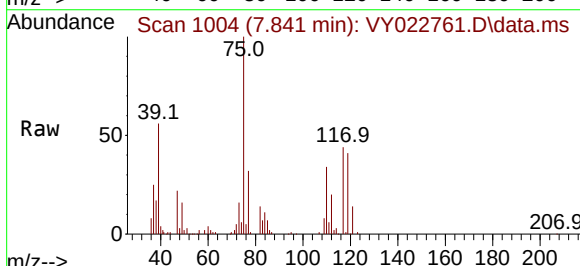
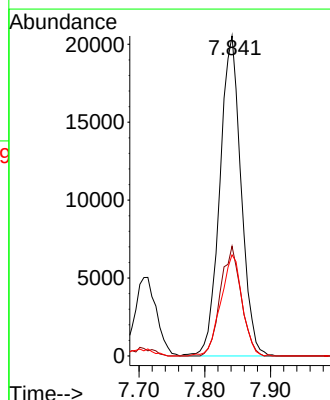
Tgt Ion: 75 Resp: 46122

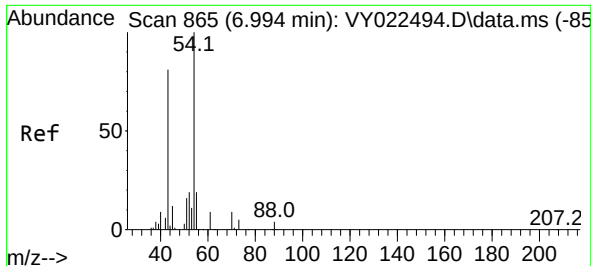
Ion Ratio Lower Upper

75 100

110 33.6 16.9 50.7

77 31.9 24.8 37.2





#37

Ethyl Acetate

Concen: 19.733 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.006 min

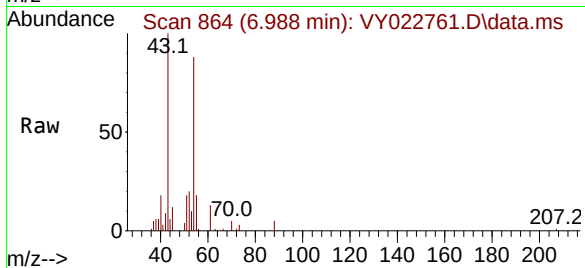
Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :



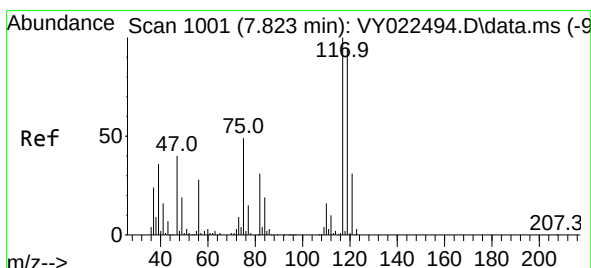
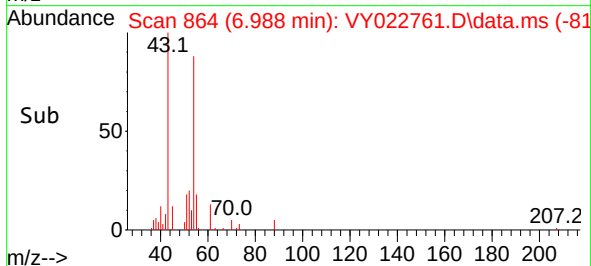
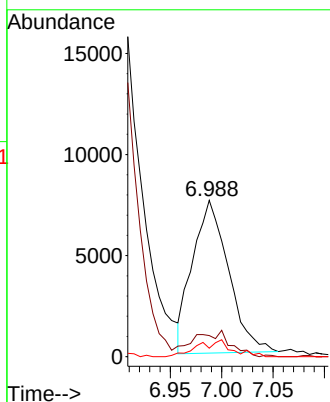
Tgt Ion: 43 Resp: 18416

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 4.7 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 21.943 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

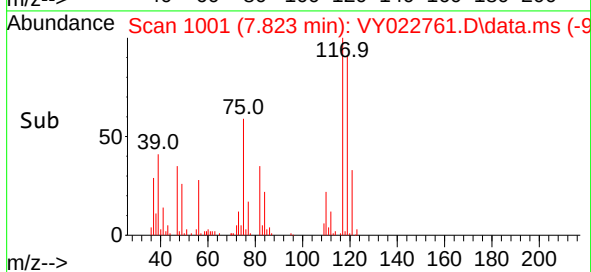
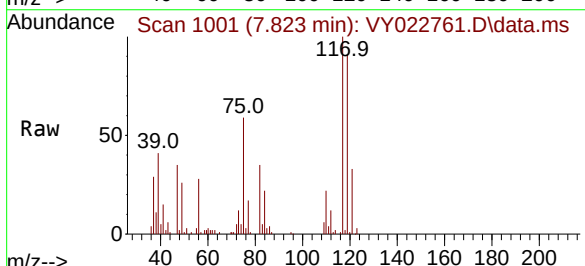
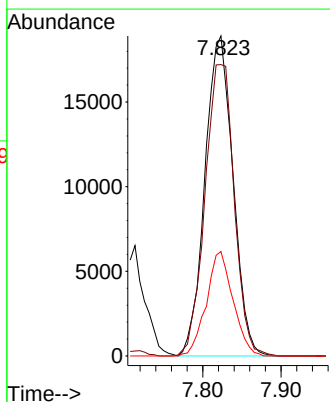
Tgt Ion: 117 Resp: 47110

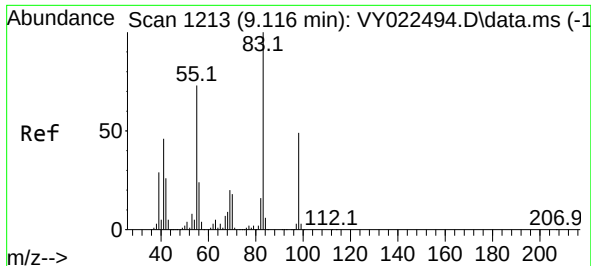
Ion Ratio Lower Upper

117 100

119 91.0 75.0 112.6

121 32.7 25.0 37.4





#39

Methylcyclohexane

Concen: 19.887 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.000 min

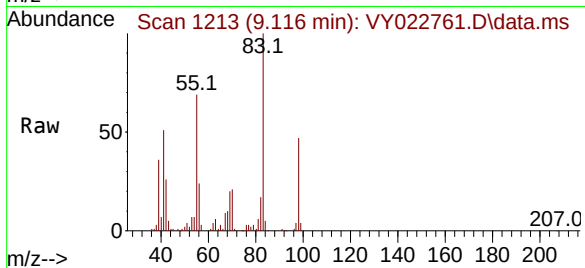
Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :



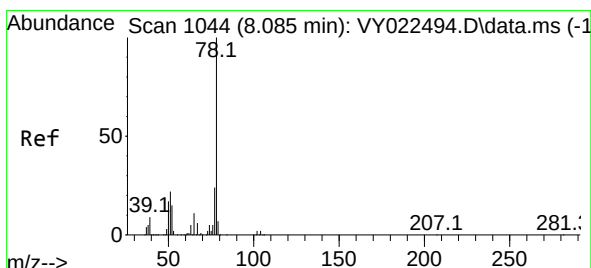
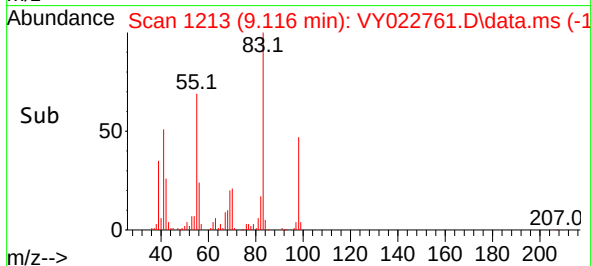
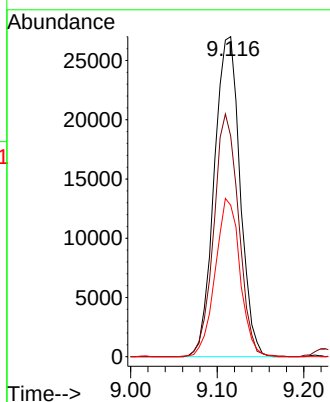
Tgt Ion: 83 Resp: 55931

Ion Ratio Lower Upper

83 100

55 69.0 58.1 87.1

98 47.3 39.0 58.6



#40

Benzene

Concen: 22.783 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022761.D

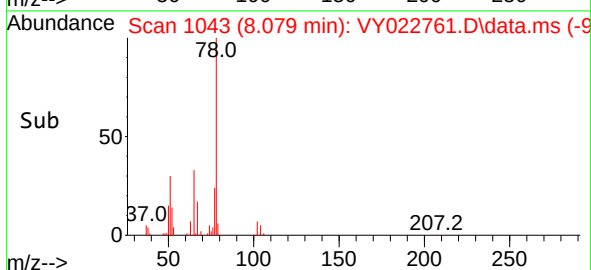
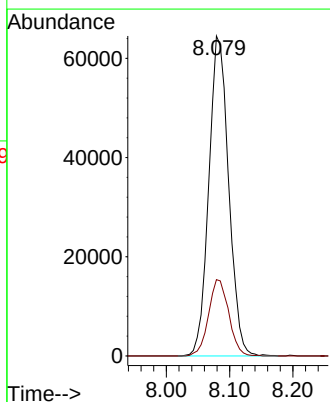
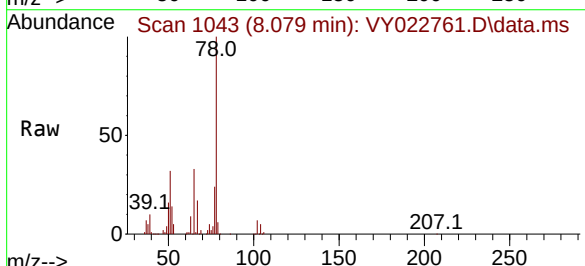
Acq: 20 Jun 2025 12:48

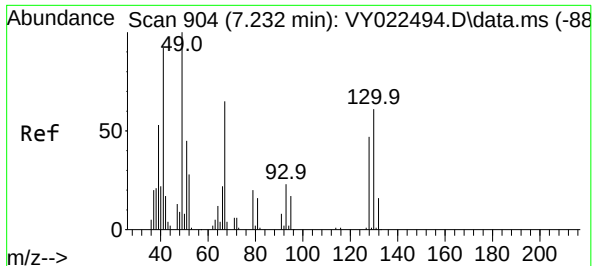
Tgt Ion: 78 Resp: 140827

Ion Ratio Lower Upper

78 100

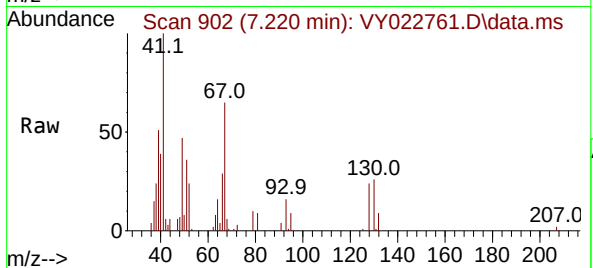
77 23.8 19.3 28.9



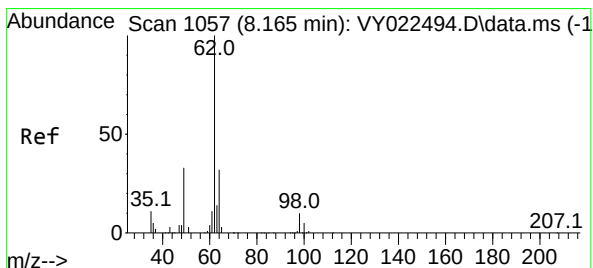
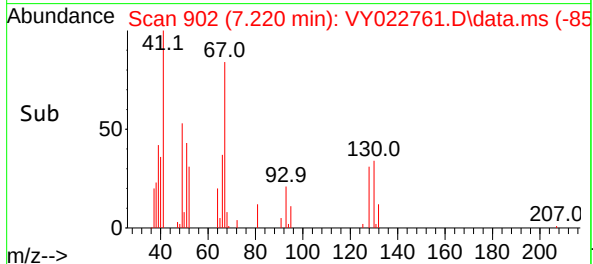
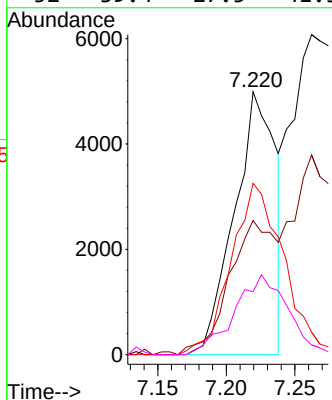


#41
Methacrylonitrile
Concen: 19.109 ug/l
RT: 7.220 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Instrument :
MSVOA_Y
ClientSampleId :

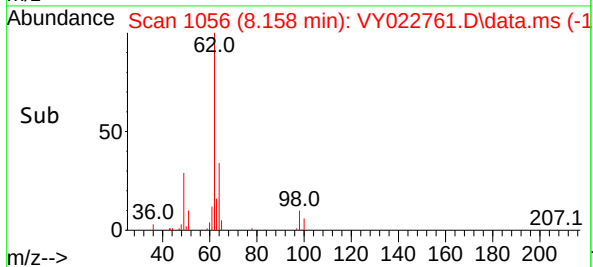
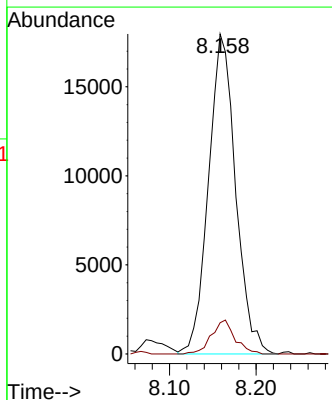
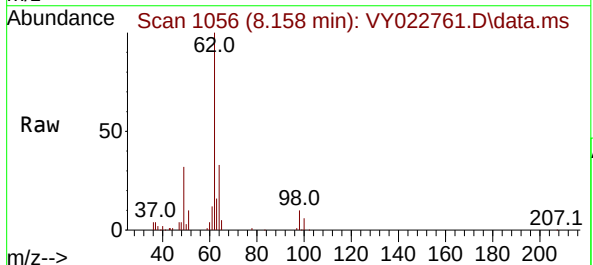


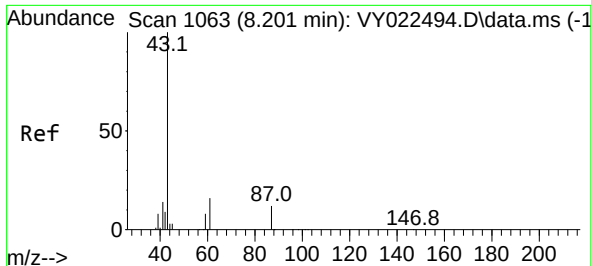
Tgt Ion:	41	Resp:	10417
Ion	Ratio	Lower	Upper
41	100		
39	55.9	46.6	69.8
67	83.7	63.3	94.9
52	39.4	27.5	41.3



#42
1,2-Dichloroethane
Concen: 23.162 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion:	62	Resp:	39092
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2

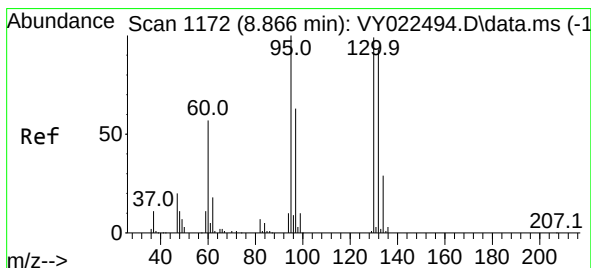
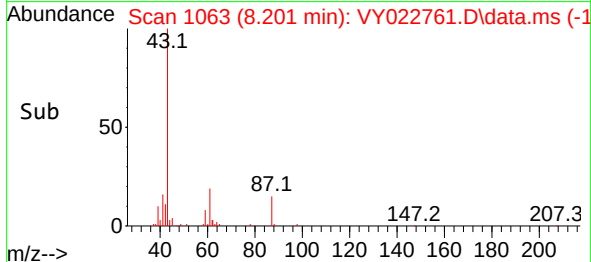
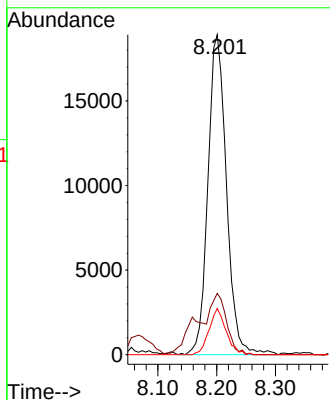
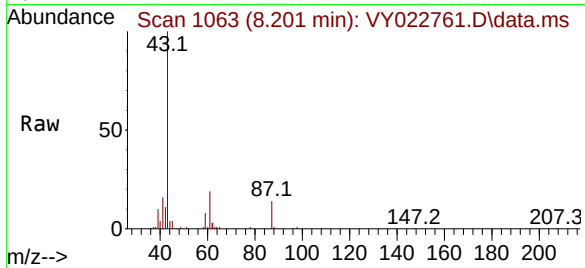




#43
Isopropyl Acetate
Concen: 20.598 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

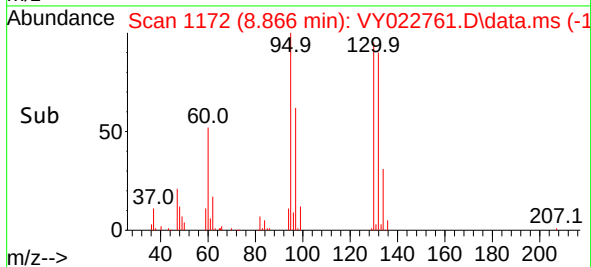
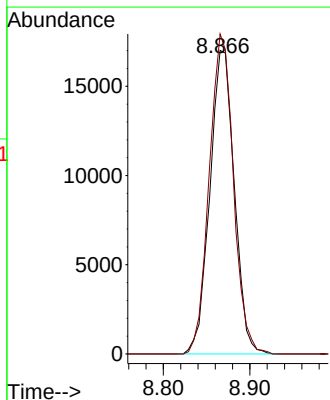
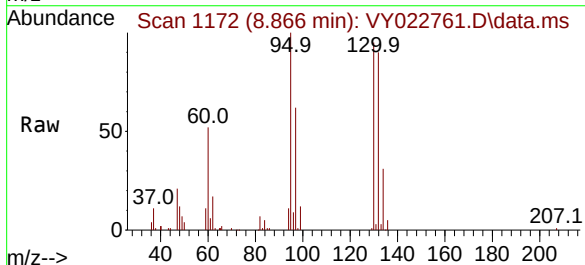
Instrument :
MSVOA_Y
ClientSampleId :

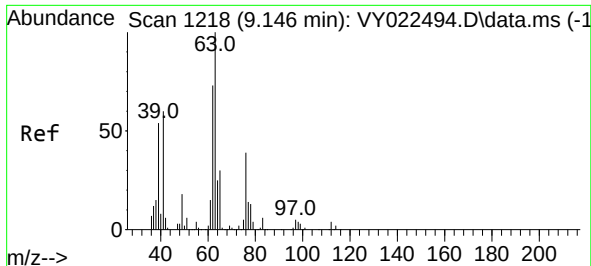
Tgt Ion: 43 Resp: 41517
Ion Ratio Lower Upper
43 100
61 16.6 15.6 23.4
87 13.3 10.2 15.4



#44
Trichloroethene
Concen: 22.128 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion:130 Resp: 33429
Ion Ratio Lower Upper
130 100
95 105.4 0.0 203.0





#45

1,2-Dichloropropane

Concen: 23.140 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

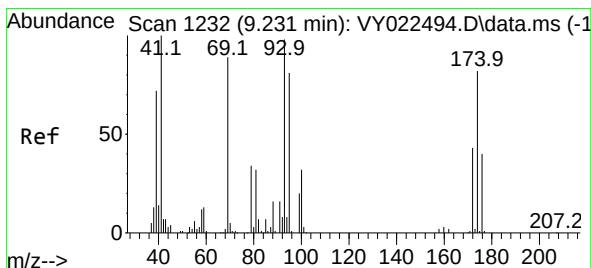
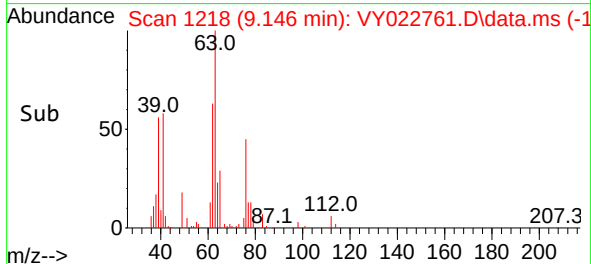
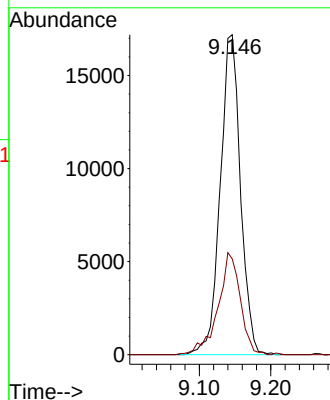
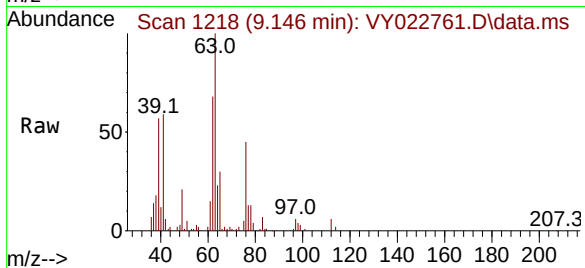
ClientSampleId :

Tgt Ion: 63 Resp: 33803

Ion Ratio Lower Upper

63 100

65 29.7 24.0 36.0



#46

Dibromomethane

Concen: 22.644 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

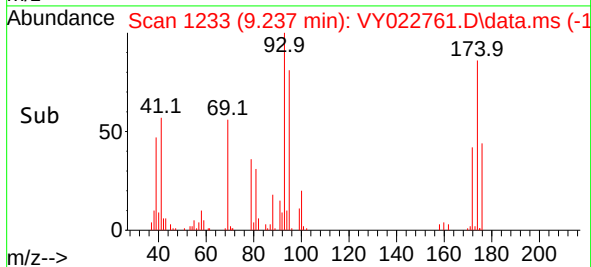
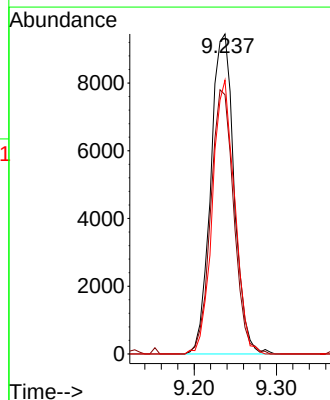
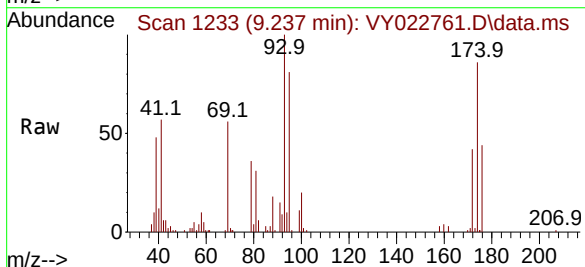
Tgt Ion: 93 Resp: 18610

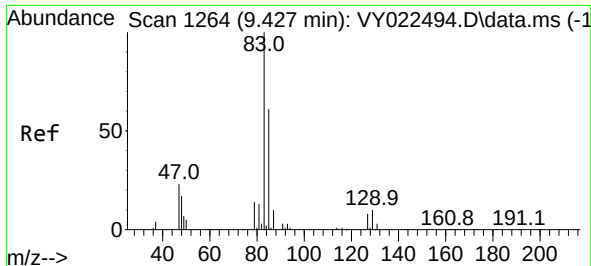
Ion Ratio Lower Upper

93 100

95 81.6 65.6 98.4

174 81.3 70.4 105.6

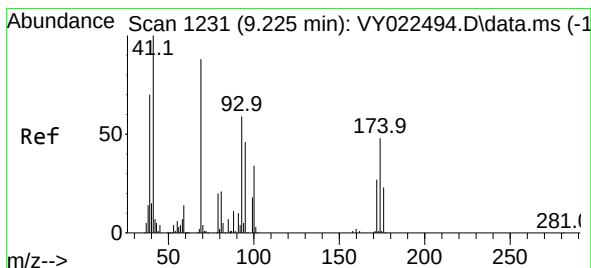
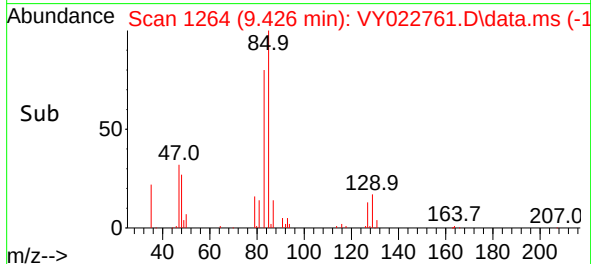
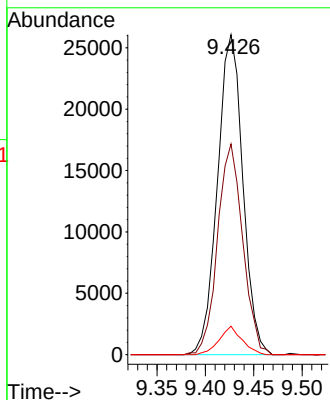
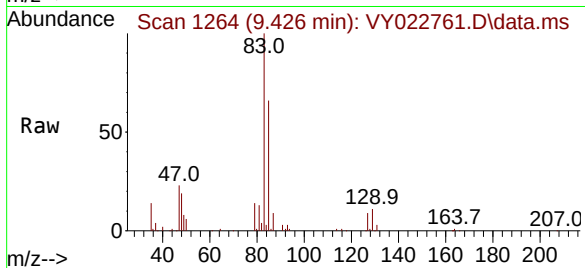




#47
Bromodichloromethane
Concen: 22.779 ug/l
RT: 9.426 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

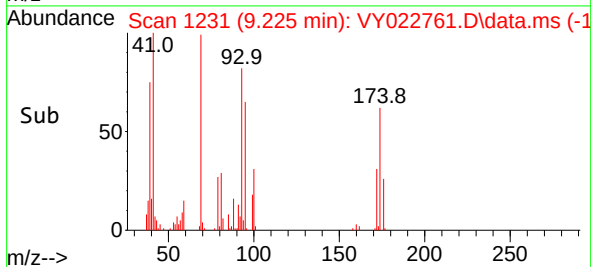
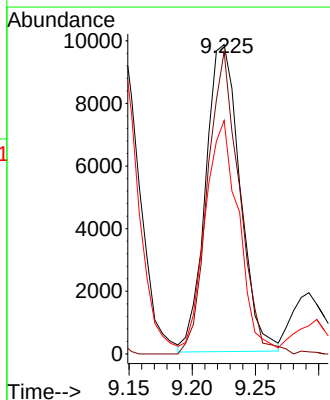
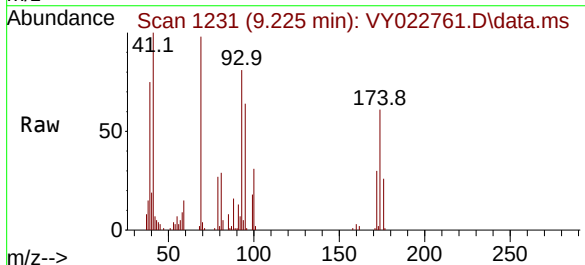
Instrument :
MSVOA_Y
ClientSampleId :

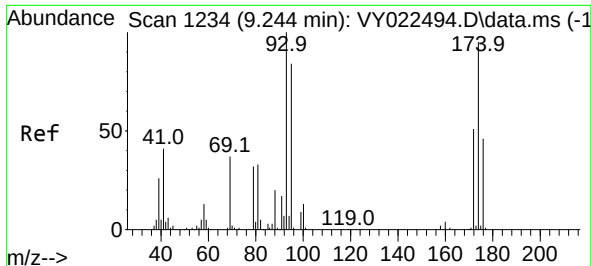
Tgt Ion: 83 Resp: 47470
Ion Ratio Lower Upper
83 100
85 65.8 49.1 73.7
127 8.9 6.2 9.4



#48
Methyl methacrylate
Concen: 19.641 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 41 Resp: 18580
Ion Ratio Lower Upper
41 100
69 90.3 67.8 101.8
39 70.1 55.0 82.4





#49

1,4-Dioxane

Concen: 421.100 ug/l

RT: 9.237 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

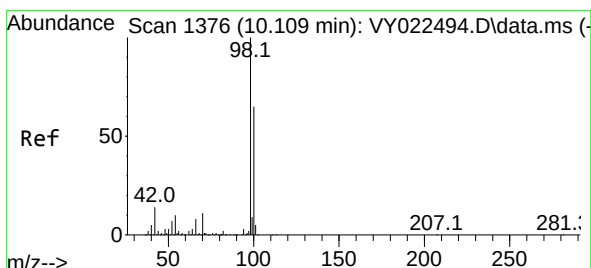
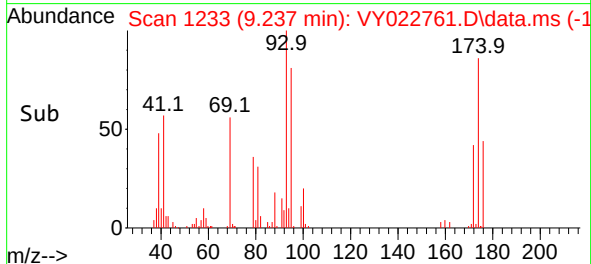
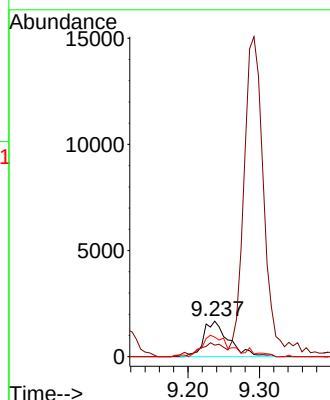
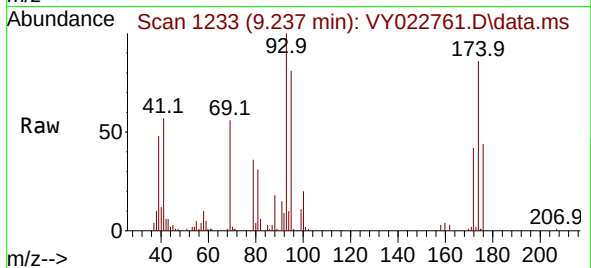
Tgt Ion: 88 Resp: 4100

Ion Ratio Lower Upper

88 100

43 39.1 25.4 38.2#

58 61.8 54.9 82.3



#50

Toluene-d8

Concen: 55.615 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY022761.D

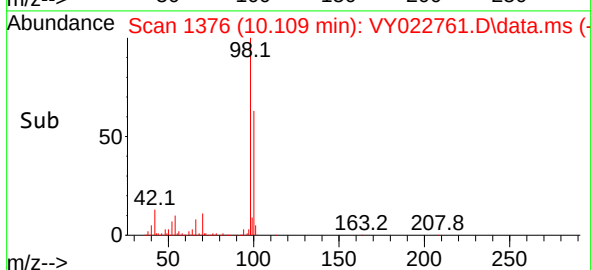
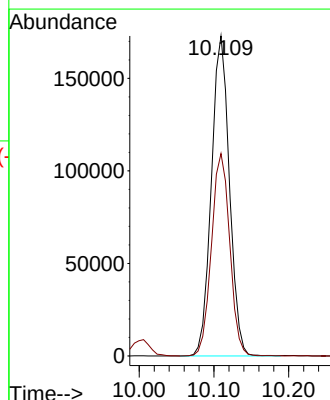
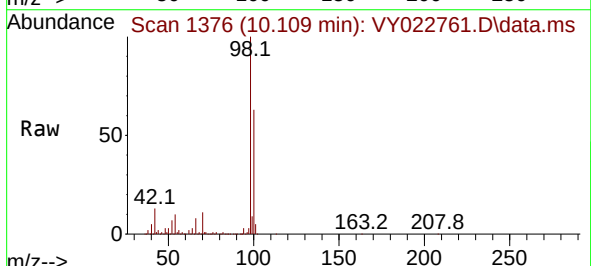
Acq: 20 Jun 2025 12:48

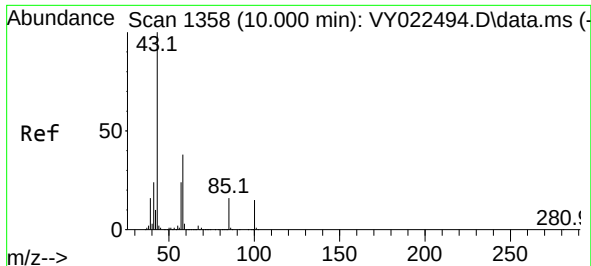
Tgt Ion: 98 Resp: 289764

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0

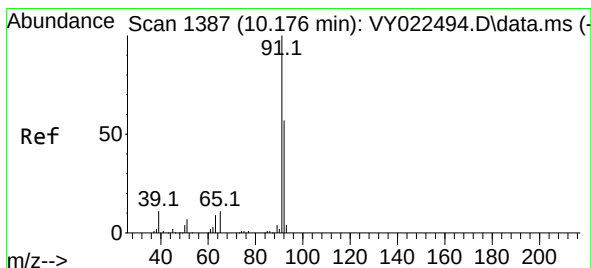
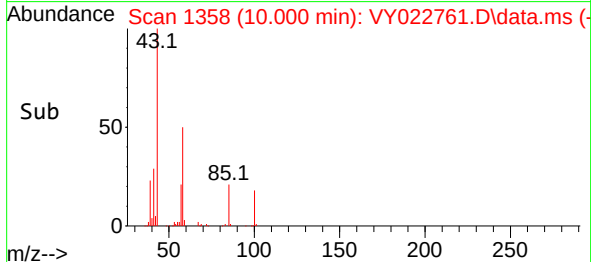
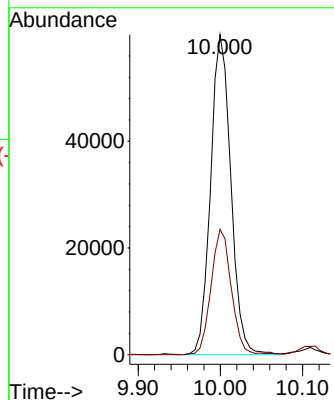
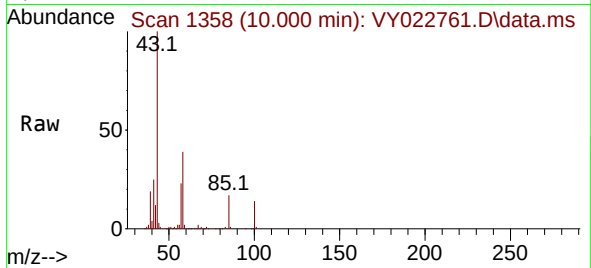




#51
4-Methyl-2-Pentanone
Concen: 102.119 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

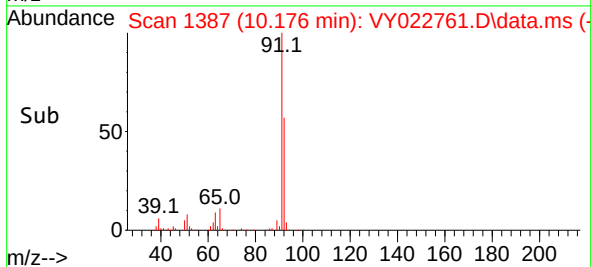
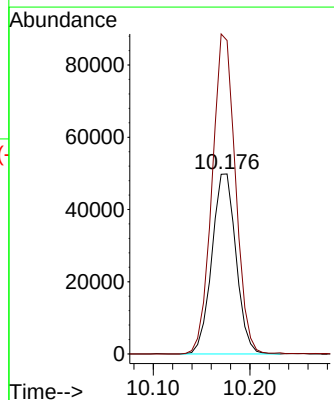
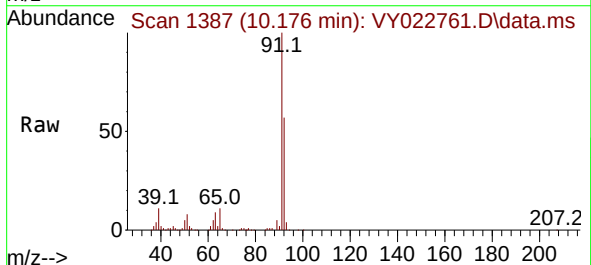
Instrument :
MSVOA_Y
ClientSampleId :

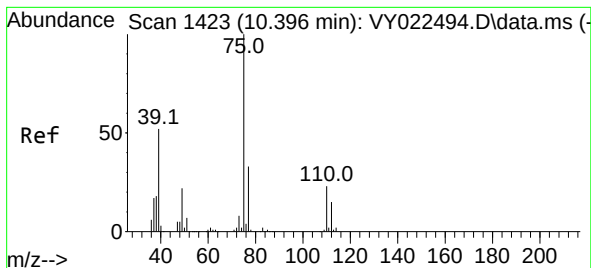
Tgt Ion: 43 Resp: 102622
Ion Ratio Lower Upper
43 100
58 39.2 30.4 45.6



#52
Toluene
Concen: 22.222 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 92 Resp: 86321
Ion Ratio Lower Upper
92 100
91 172.5 139.0 208.4

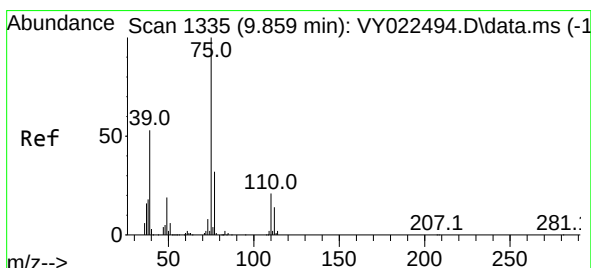
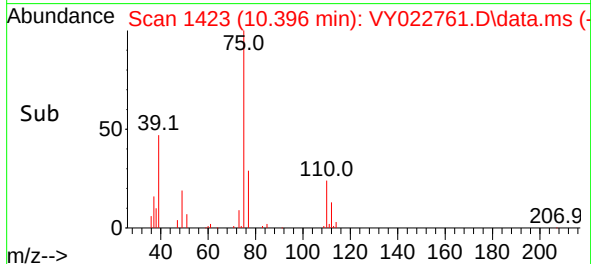
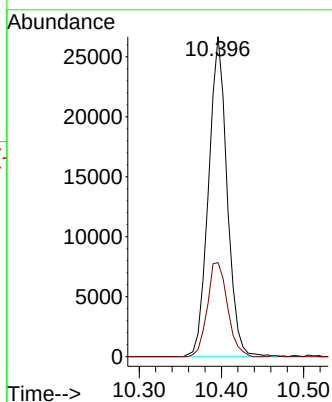
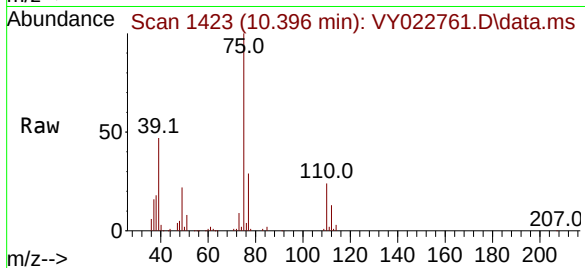




#53
 t-1,3-Dichloropropene
 Concen: 21.413 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

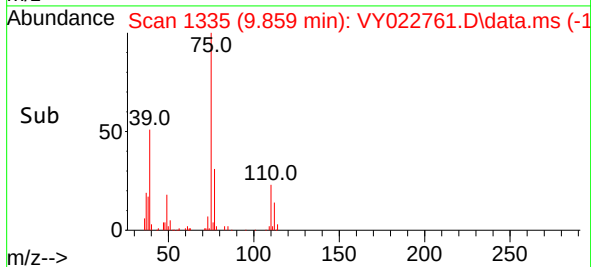
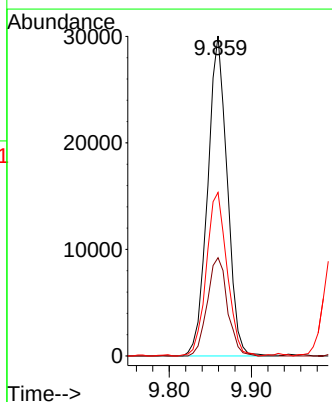
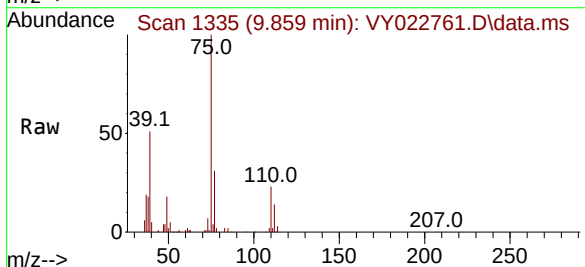
Instrument :
 MSVOA_Y
 ClientSampleId :

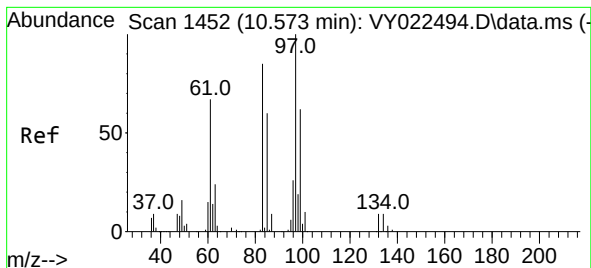
Tgt Ion: 75 Resp: 41809
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.5 39.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.809 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

Tgt Ion: 75 Resp: 49569
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.3 37.9
 39 51.1 42.7 64.1

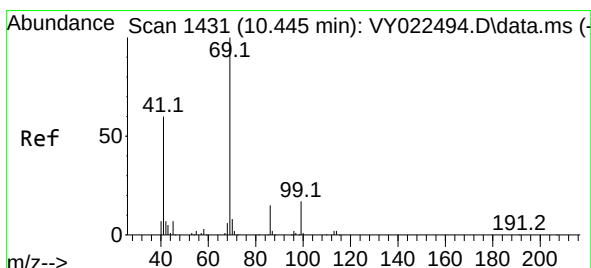
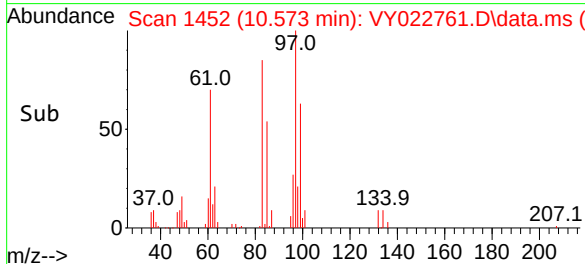
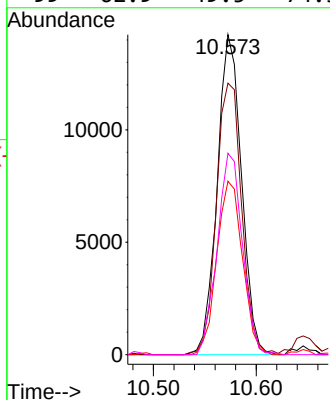
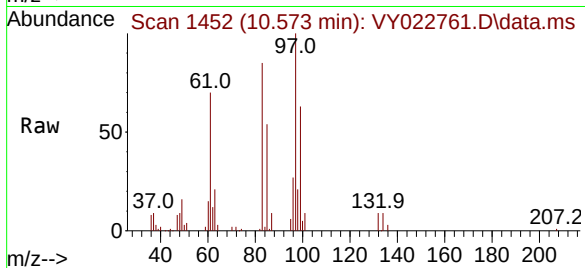




#55
 1,1,2-Trichloroethane
 Concen: 22.329 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

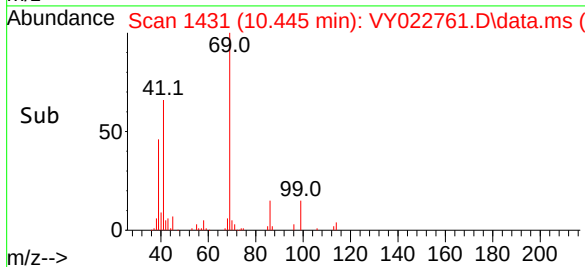
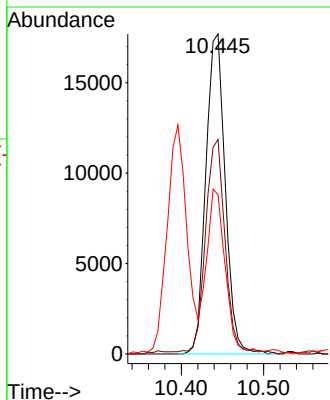
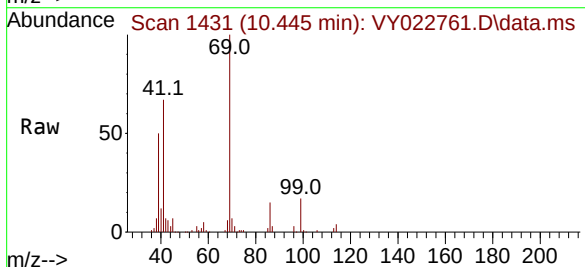
Instrument :
 MSVOA_Y
 ClientSampleId :

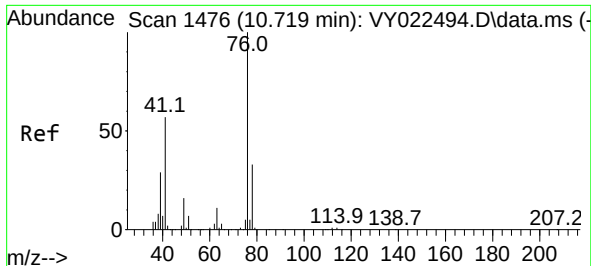
Tgt Ion: 97	Resp: 23400
Ion Ratio	Lower Upper
97 100	
83 84.9	68.1 102.1
85 54.2	48.2 72.2
99 62.9	49.5 74.3



#56
 Ethyl methacrylate
 Concen: 19.119 ug/l
 RT: 10.445 min Scan# 1431
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

Tgt Ion: 69	Resp: 28959
Ion Ratio	Lower Upper
69 100	
41 68.4	52.2 78.2
39 48.1	36.7 55.1





#57

1,3-Dichloropropane

Concen: 22.876 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

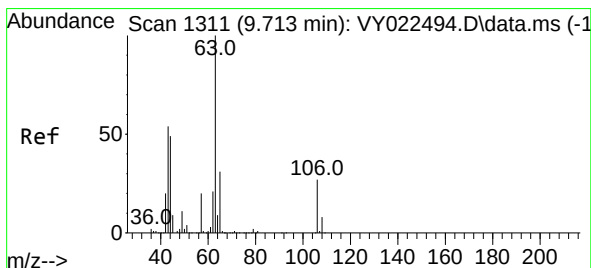
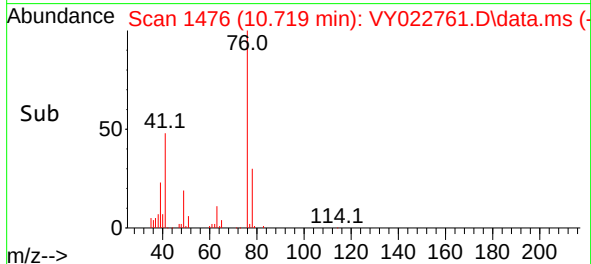
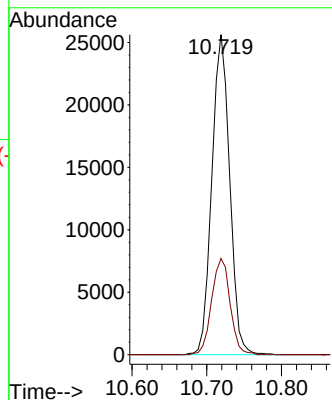
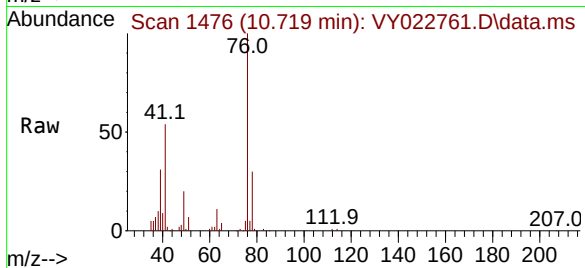
ClientSampleId :

Tgt Ion: 76 Resp: 42489

Ion Ratio Lower Upper

76 100

78 31.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 110.021 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY022761.D

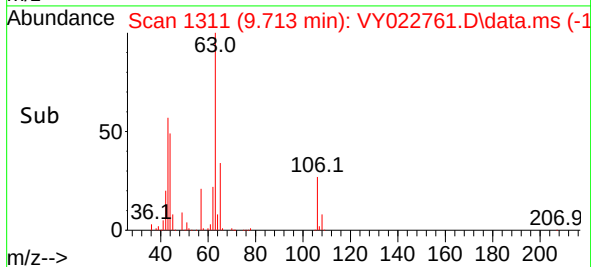
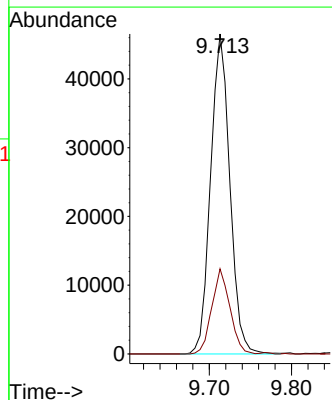
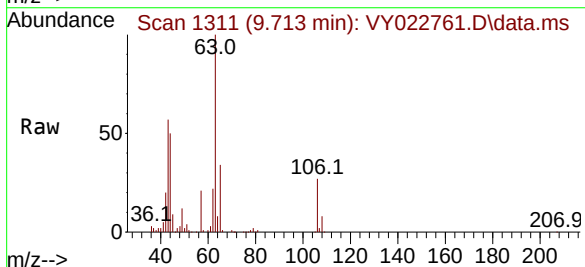
Acq: 20 Jun 2025 12:48

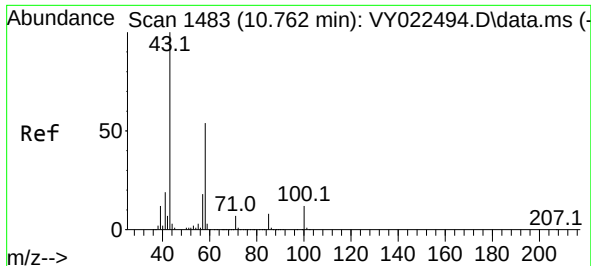
Tgt Ion: 63 Resp: 75659

Ion Ratio Lower Upper

63 100

106 25.1 21.6 32.4





#59

2-Hexanone

Concen: 108.322 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

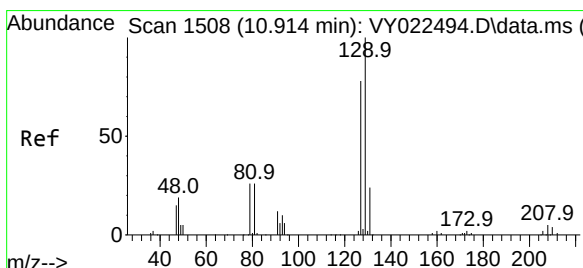
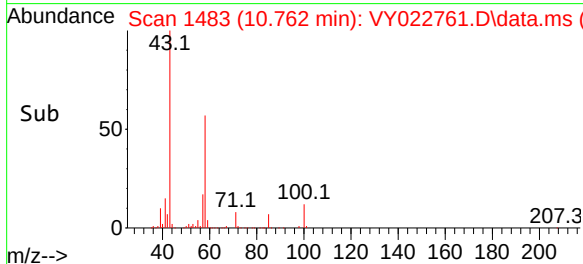
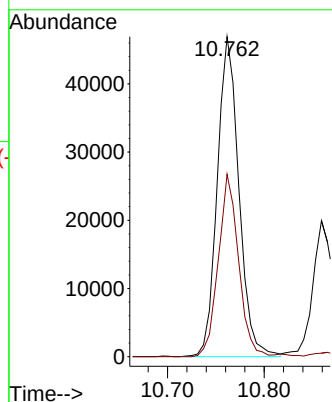
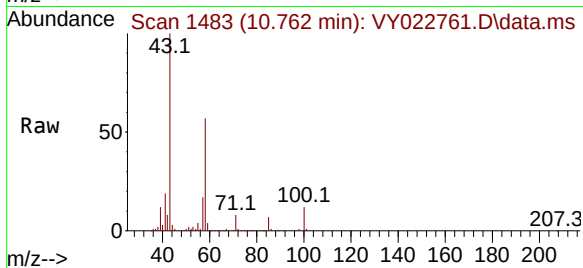
ClientSampleId :

Tgt Ion: 43 Resp: 72802

Ion Ratio Lower Upper

43 100

58 53.4 27.3 81.8



#60

Dibromochloromethane

Concen: 21.868 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VY022761.D

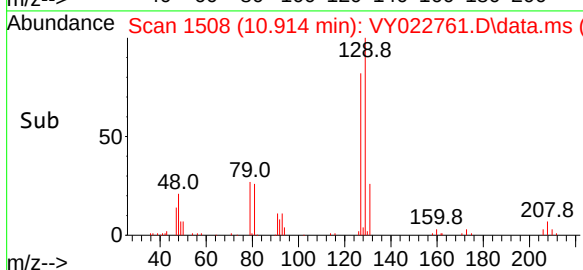
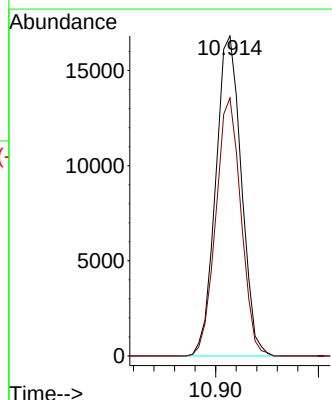
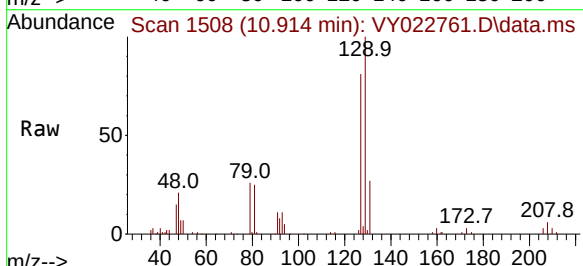
Acq: 20 Jun 2025 12:48

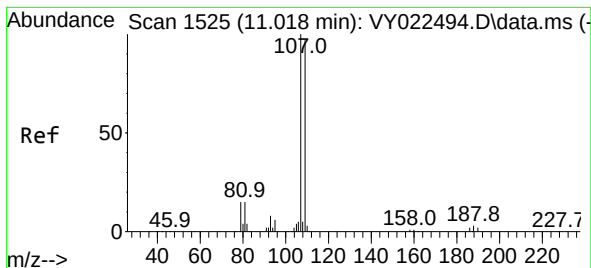
Tgt Ion: 129 Resp: 29123

Ion Ratio Lower Upper

129 100

127 78.9 39.1 117.2

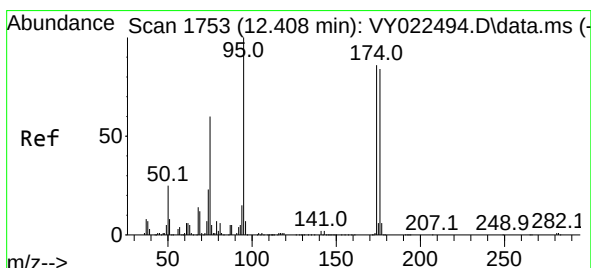
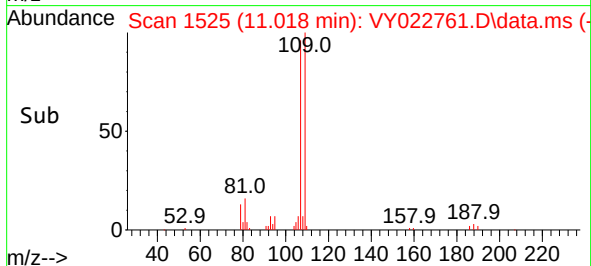
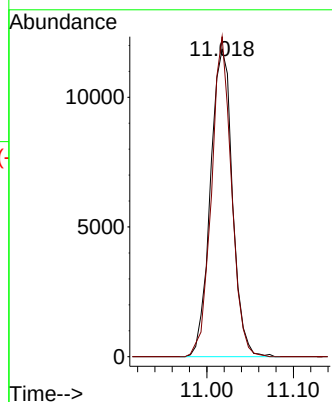
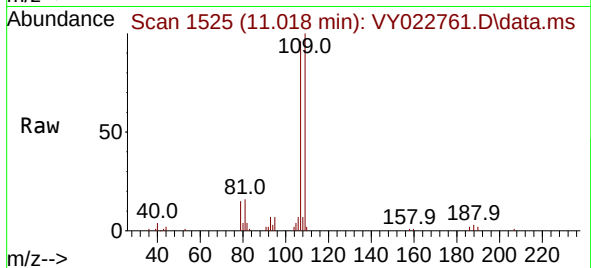




#61
1,2-Dibromoethane
Concen: 21.917 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

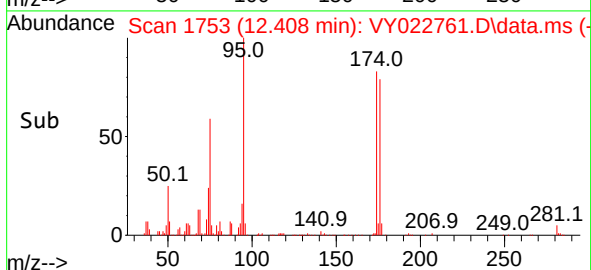
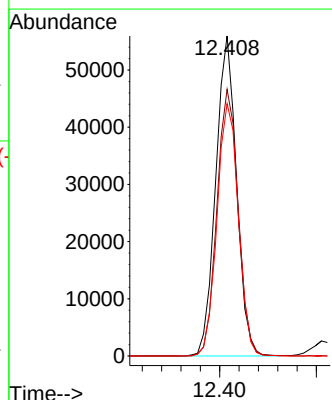
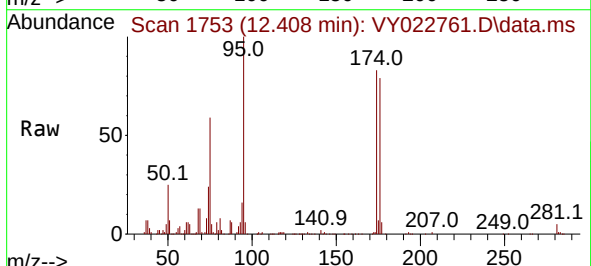
Instrument :
MSVOA_Y
ClientSampleId :

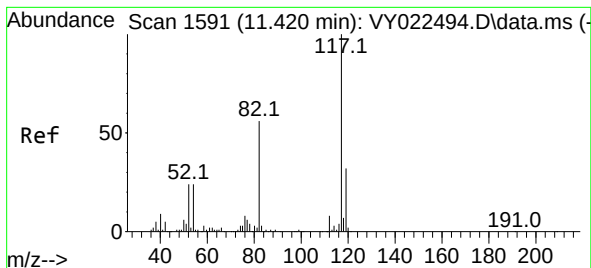
Tgt Ion:107 Resp: 20934
Ion Ratio Lower Upper
107 100
109 94.5 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 53.660 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 95 Resp: 83301
Ion Ratio Lower Upper
95 100
174 85.1 0.0 170.0
176 81.0 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

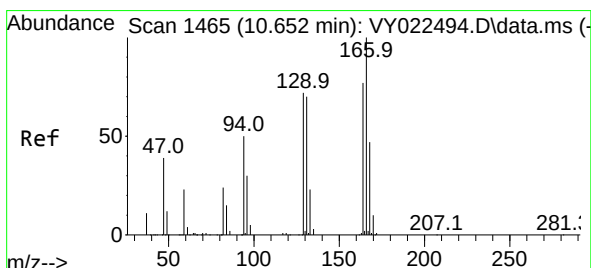
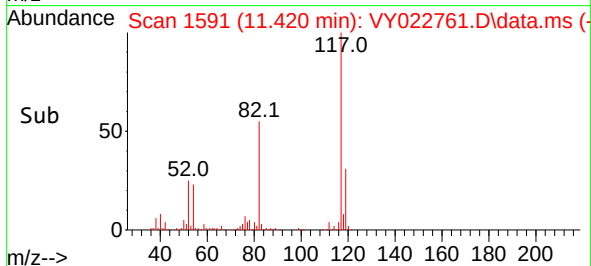
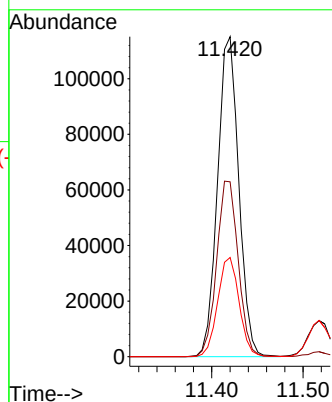
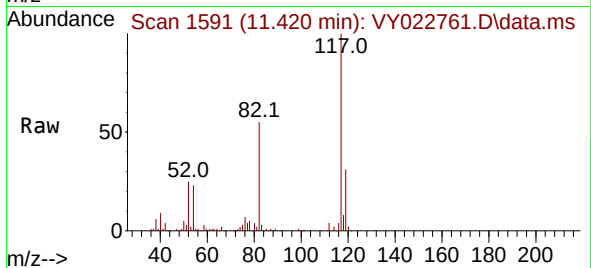
Tgt Ion:117 Resp: 185975

Ion Ratio Lower Upper

117 100

82 54.6 44.6 66.8

119 31.0 25.4 38.0



#64

Tetrachloroethene

Concen: 24.308 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Tgt Ion:164 Resp: 38887

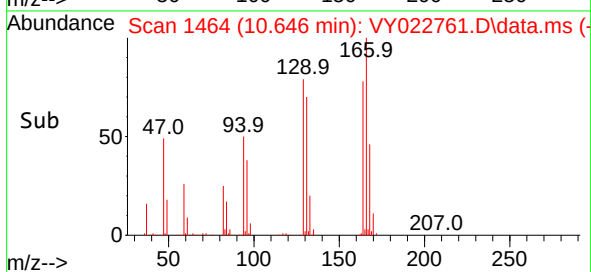
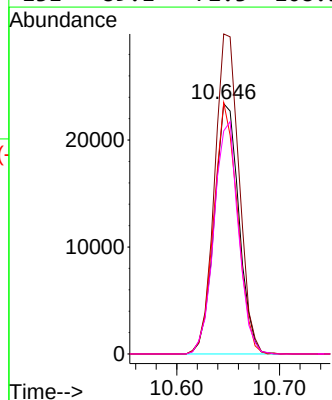
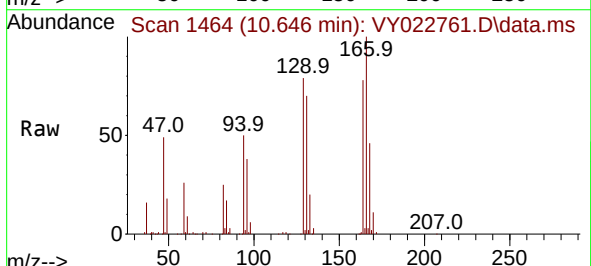
Ion Ratio Lower Upper

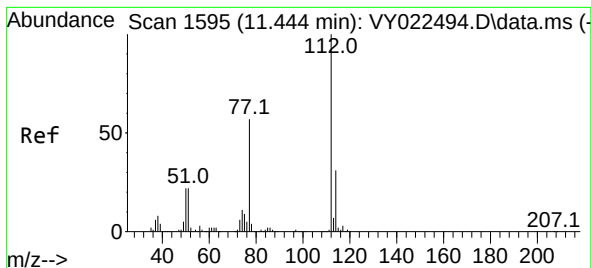
164 100

166 127.9 104.0 156.0

129 100.5 74.5 111.7

131 89.1 72.3 108.5





#65

Chlorobenzene

Concen: 22.083 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

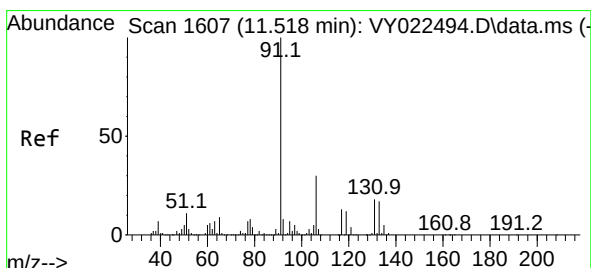
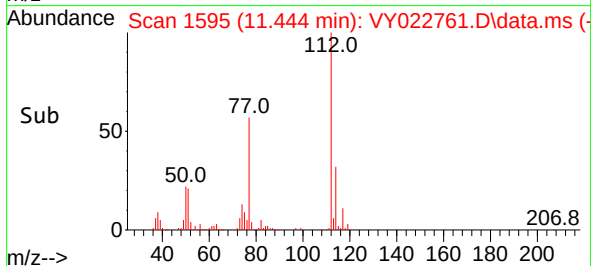
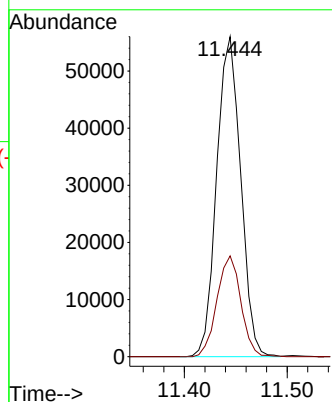
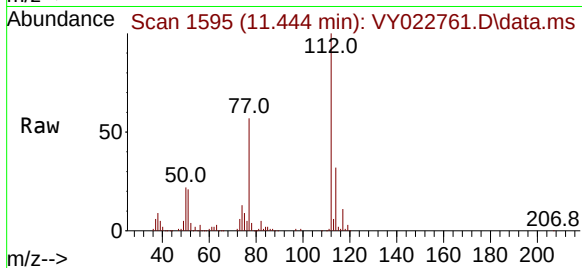
ClientSampleId :

Tgt Ion:112 Resp: 90879

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.861 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

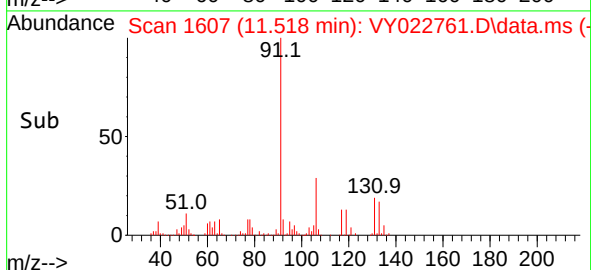
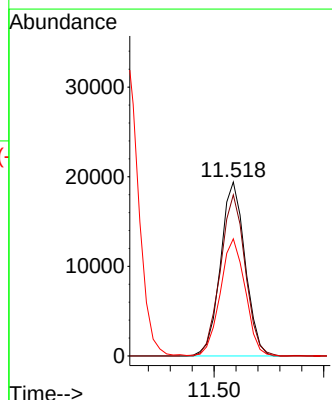
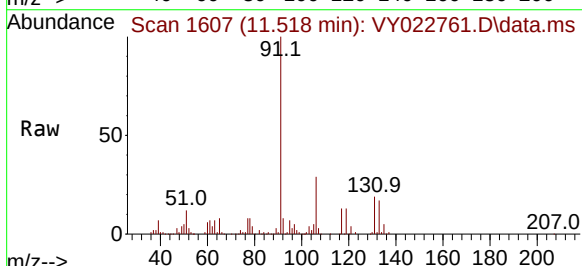
Tgt Ion:131 Resp: 30308

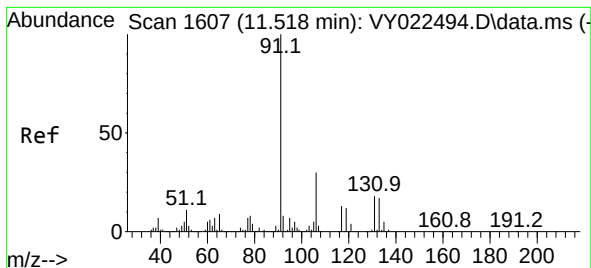
Ion Ratio Lower Upper

131 100

133 93.7 47.3 141.8

119 68.3 33.1 99.3





#67

Ethyl Benzene

Concen: 20.988 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

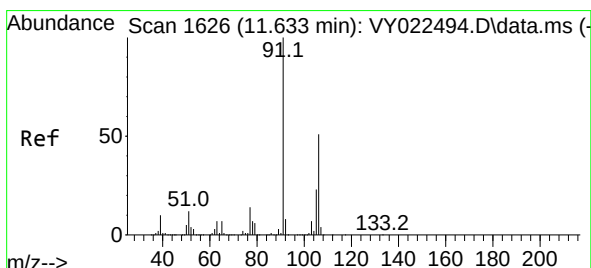
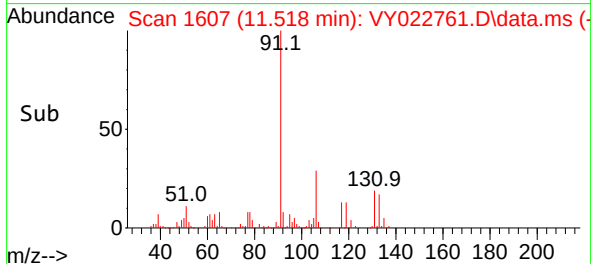
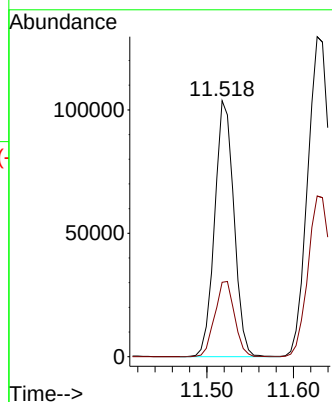
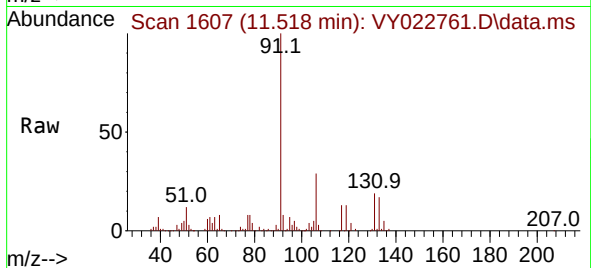
ClientSampleId :

Tgt Ion: 91 Resp: 160203

Ion Ratio Lower Upper

91 100

106 29.1 24.2 36.4



#68

m/p-Xylenes

Concen: 41.193 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY022761.D

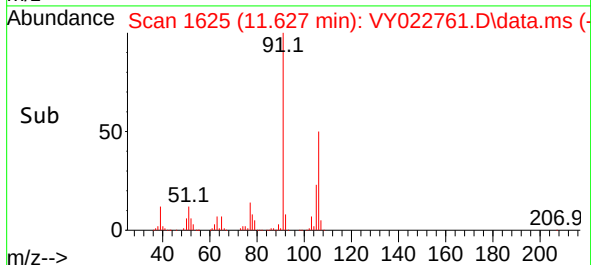
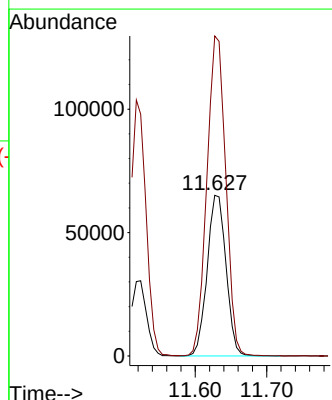
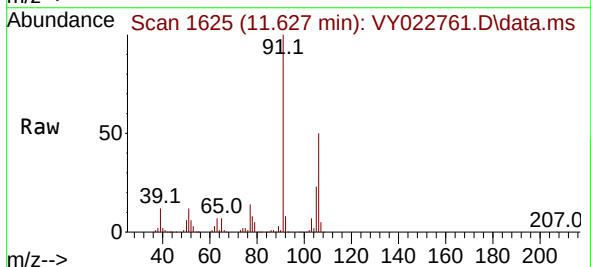
Acq: 20 Jun 2025 12:48

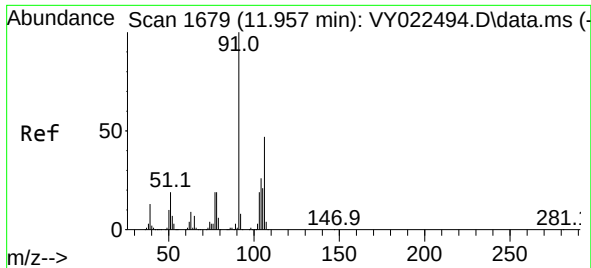
Tgt Ion:106 Resp: 119198

Ion Ratio Lower Upper

106 100

91 199.7 159.4 239.0

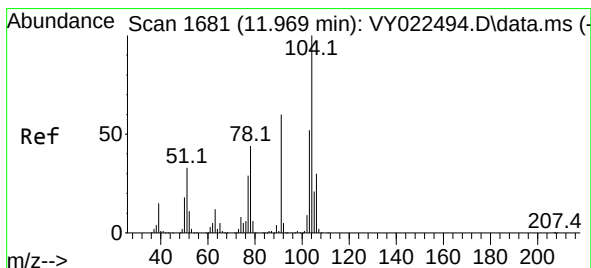
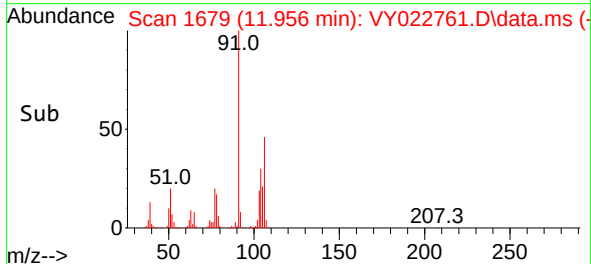
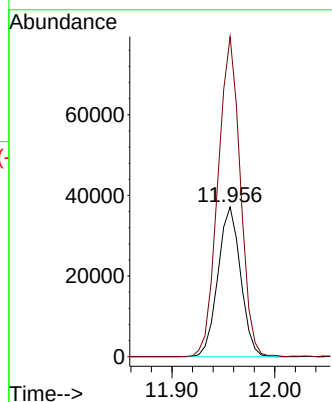
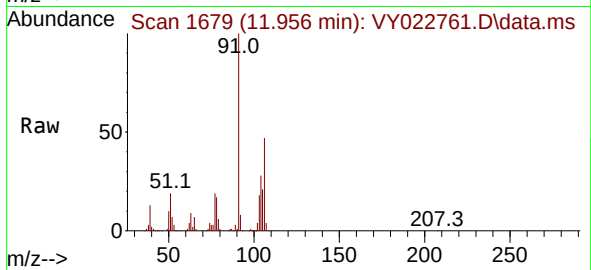




#69
o-Xylene
Concen: 20.871 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

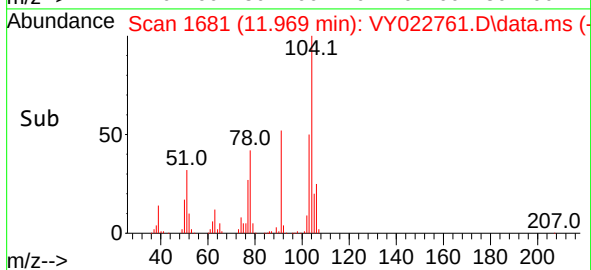
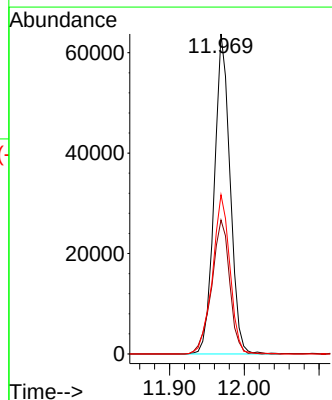
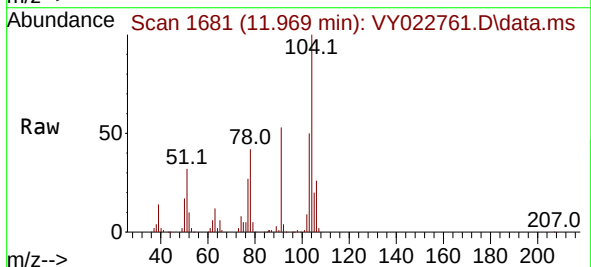
Instrument :
MSVOA_Y
ClientSampleId :

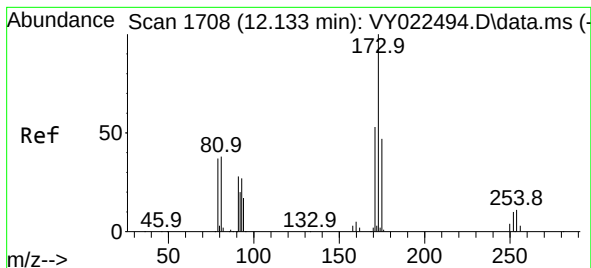
Tgt Ion:106 Resp: 56624
Ion Ratio Lower Upper
106 100
91 211.3 105.8 317.3



#70
Styrene
Concen: 20.949 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion:104 Resp: 93948
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 54.9 44.1 66.1





#71

Bromoform

Concen: 21.139 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

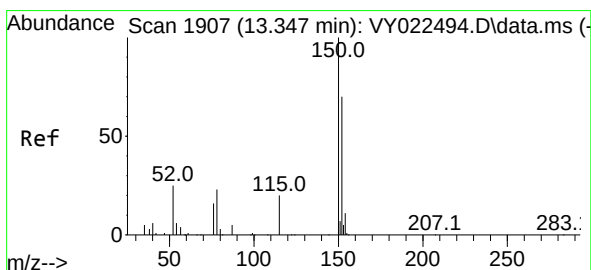
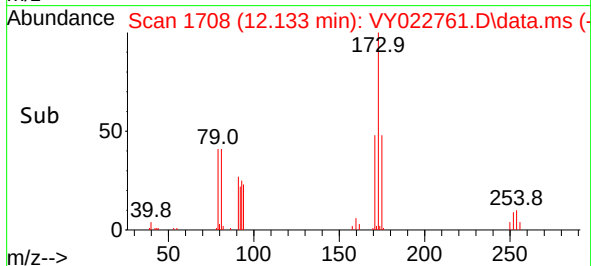
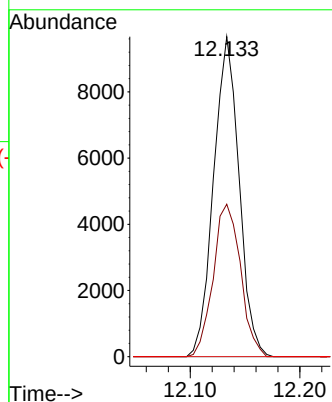
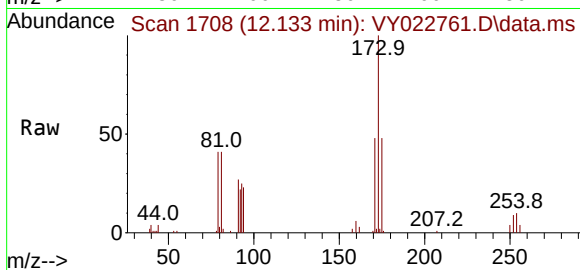
Tgt Ion:173 Resp: 15595

Ion Ratio Lower Upper

173 100

175 51.2 23.8 71.5

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: VY022761.D

Acq: 20 Jun 2025 12:48

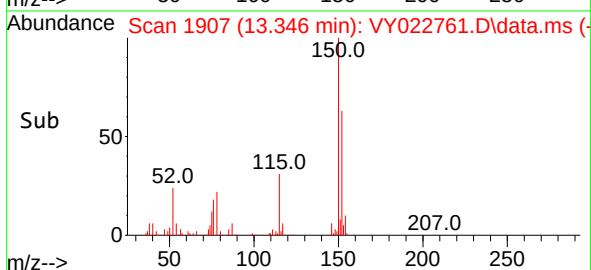
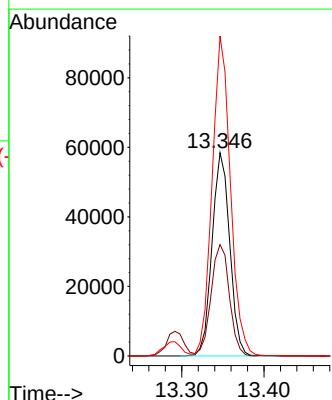
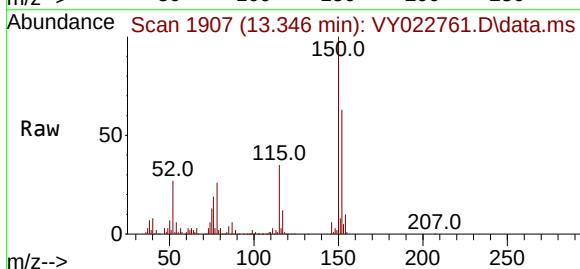
Tgt Ion:152 Resp: 87528

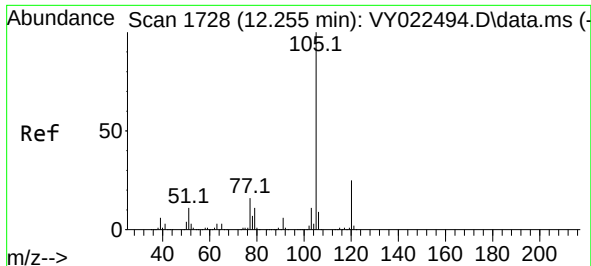
Ion Ratio Lower Upper

152 100

115 56.6 28.9 86.7

150 163.2 0.0 349.6

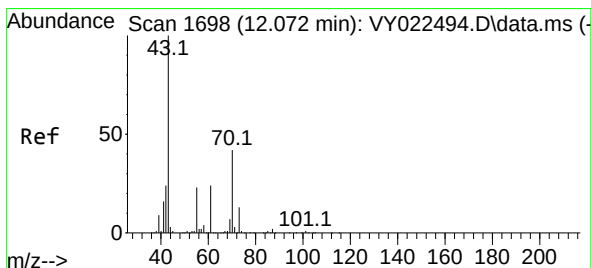
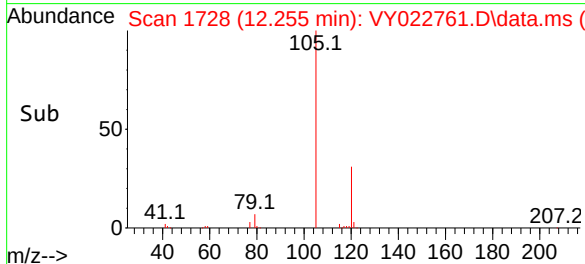
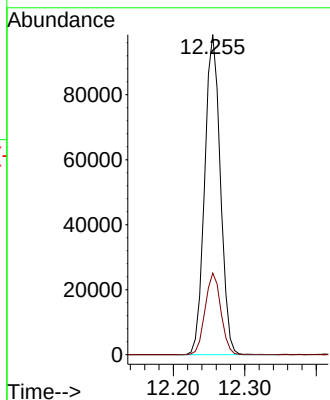
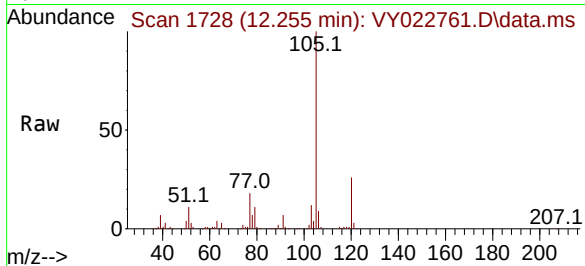




#73
Isopropylbenzene
Concen: 20.884 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

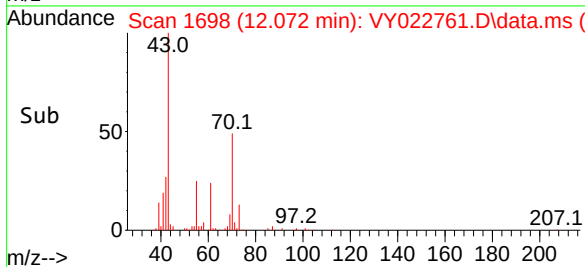
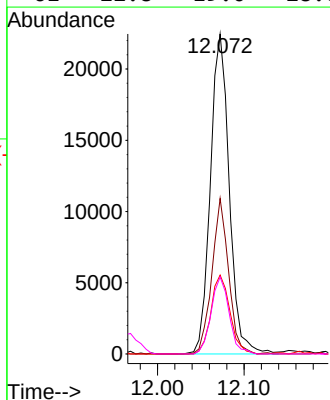
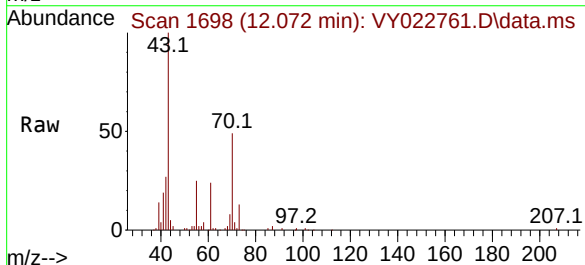
Instrument :
MSVOA_Y
ClientSampleId :

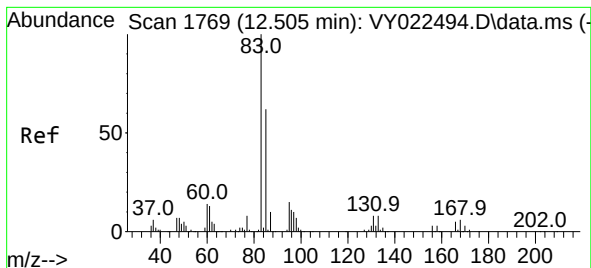
Tgt Ion:105 Resp: 150074
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 18.799 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 43 Resp: 34086
Ion Ratio Lower Upper
43 100
70 42.9 34.2 51.2
55 24.7 18.2 27.4
61 22.8 19.0 28.6

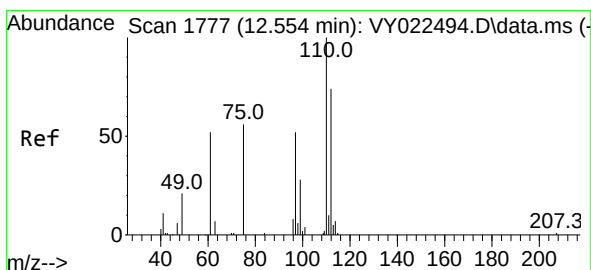
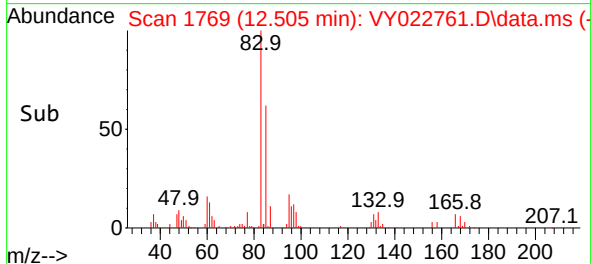
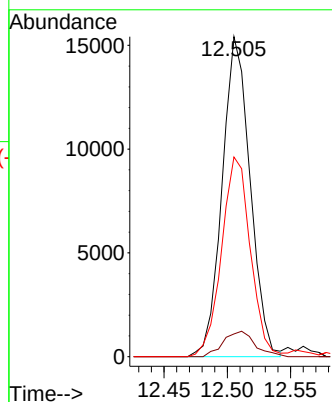
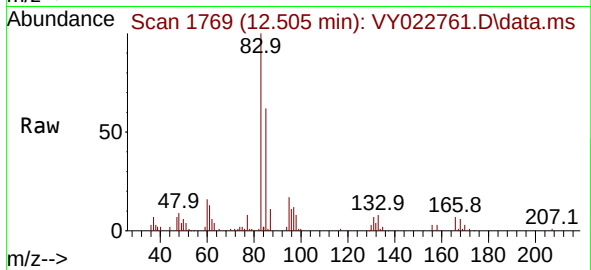




#75
 1,1,2-Tetrachloroethane
 Concen: 20.076 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

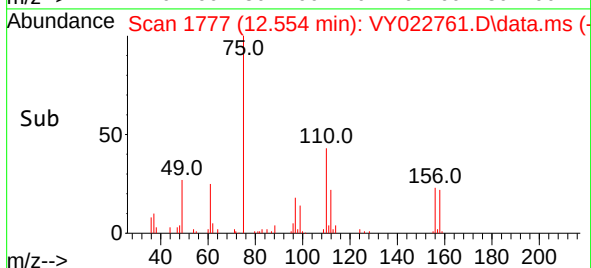
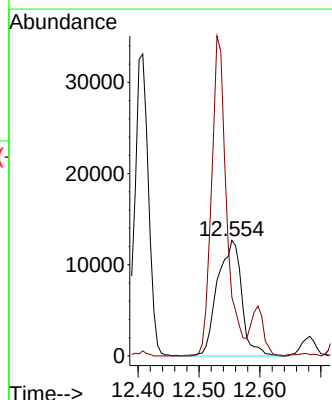
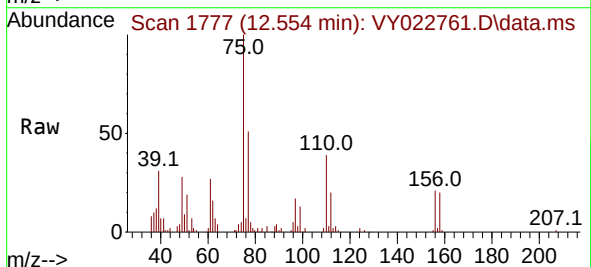
Instrument :
 MSVOA_Y
 ClientSampleId :

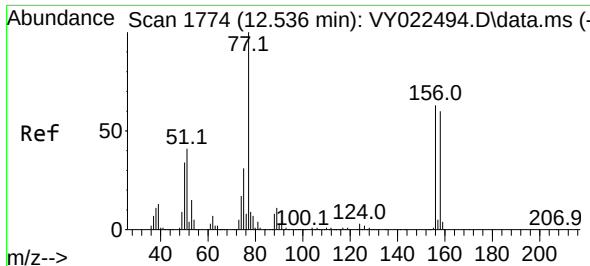
Tgt Ion: 83 Resp: 23678
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.9 14.7
 85 64.2 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 34.954 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

Tgt Ion: 75 Resp: 35001
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

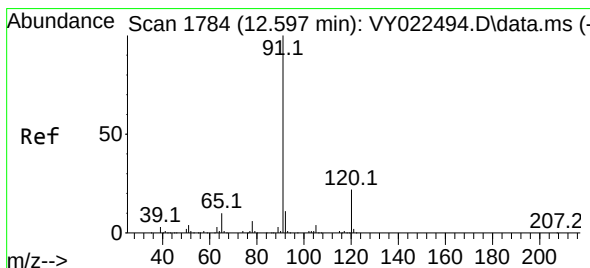
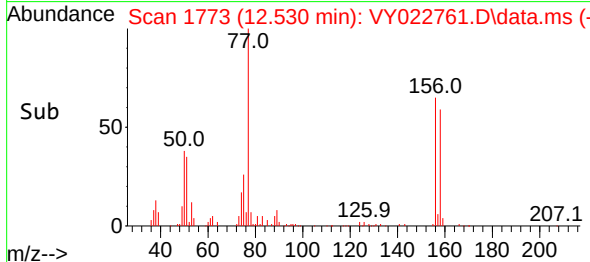
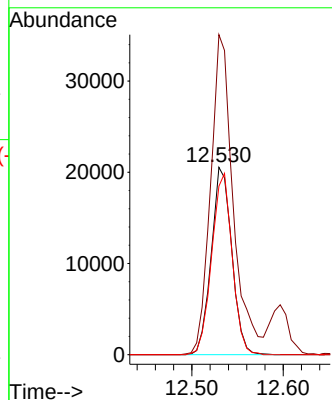
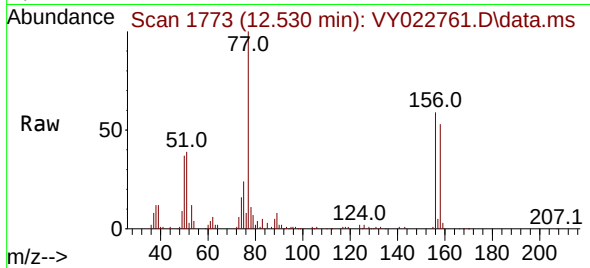




#77
Bromobenzene
Concen: 21.129 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

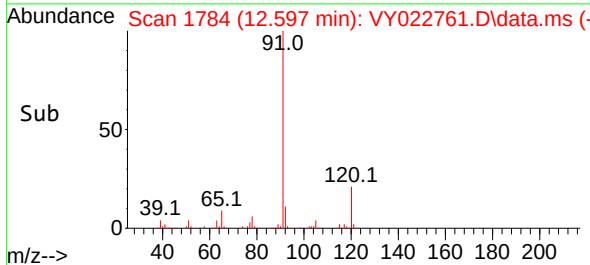
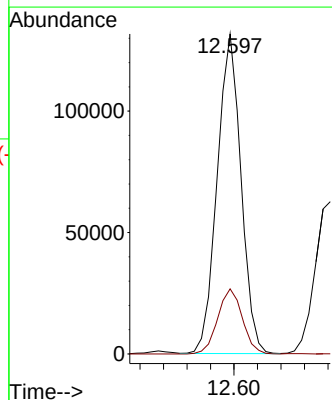
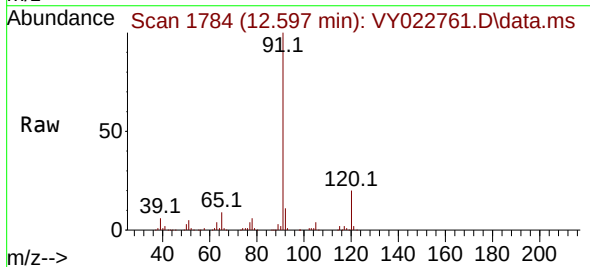
Instrument :
MSVOA_Y
ClientSampleId :

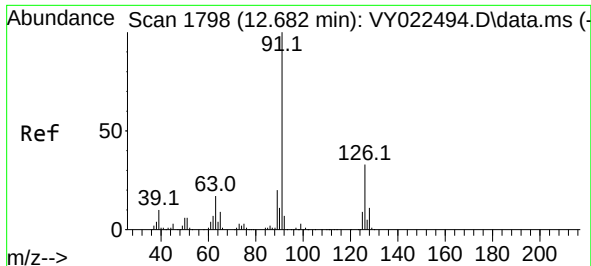
Tgt Ion:156 Resp: 32041
Ion Ratio Lower Upper
156 100
77 188.3 94.0 282.1
158 96.3 48.2 144.6



#78
n-propylbenzene
Concen: 21.118 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 91 Resp: 185349
Ion Ratio Lower Upper
91 100
120 21.0 10.8 32.4

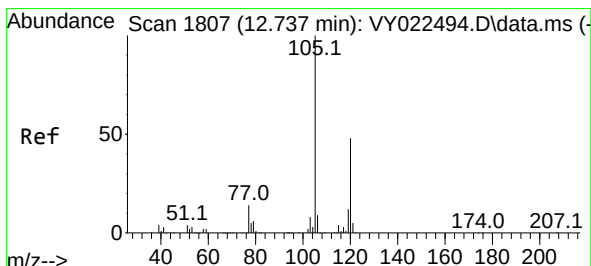
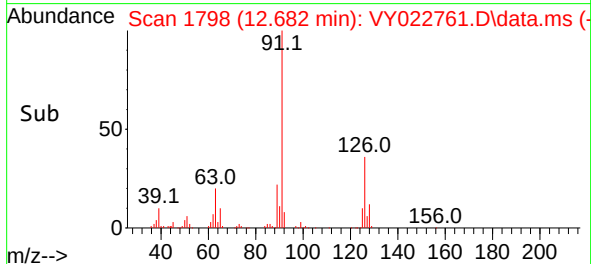
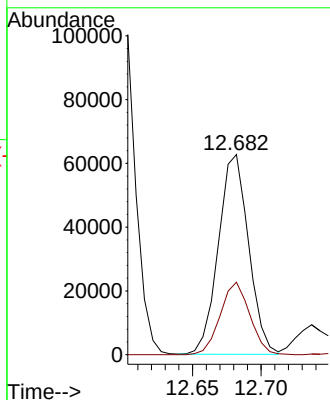
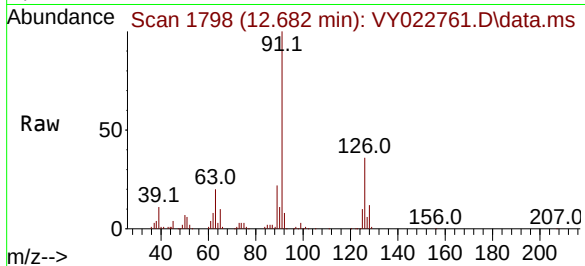




#79
2-Chlorotoluene
Concen: 20.718 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

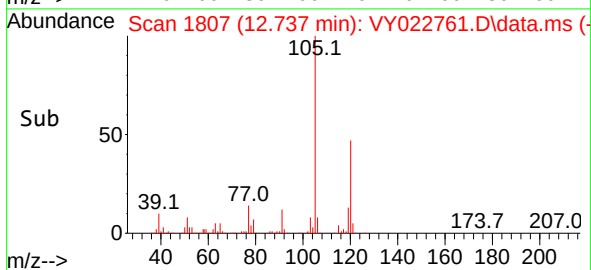
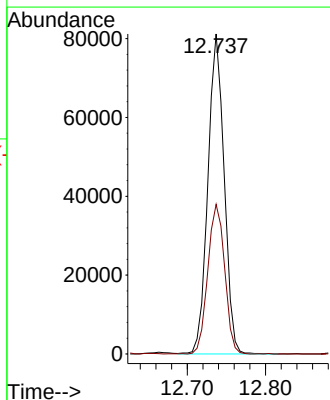
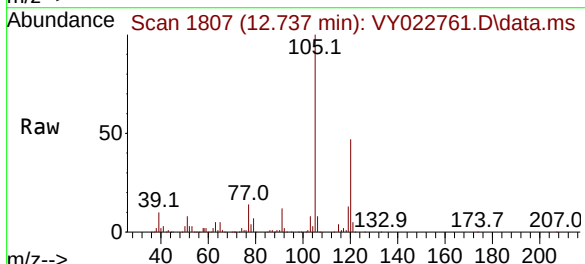
Instrument :
MSVOA_Y
ClientSampleId :

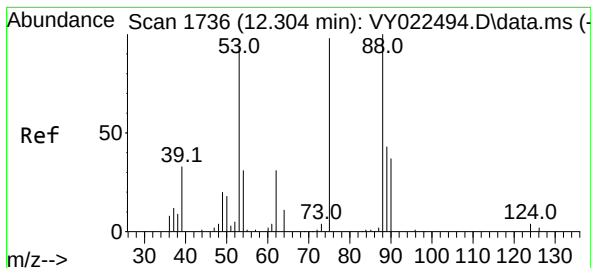
Tgt Ion: 91 Resp: 96378
Ion Ratio Lower Upper
91 100
126 35.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.707 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 105 Resp: 116822
Ion Ratio Lower Upper
105 100
120 48.4 24.1 72.4

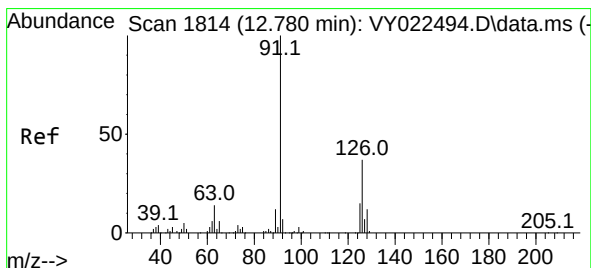
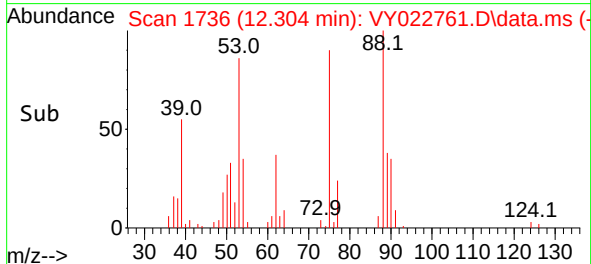
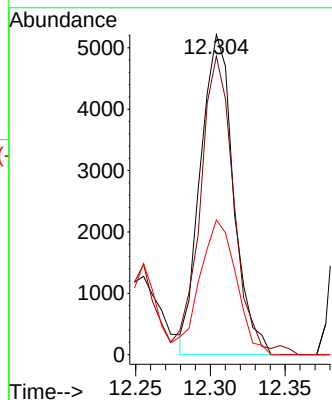
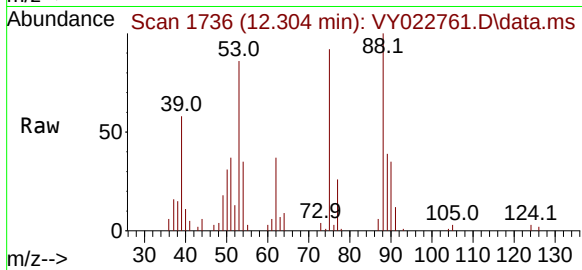




#81
trans-1,4-Dichloro-2-butene
Concen: 19.322 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

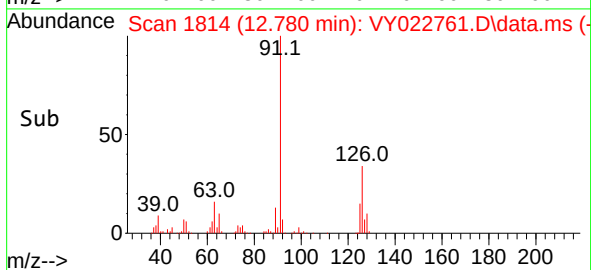
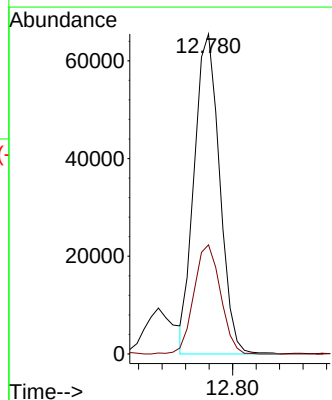
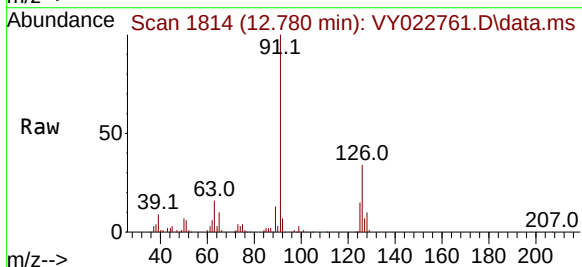
Instrument :
MSVOA_Y
ClientSampleId :

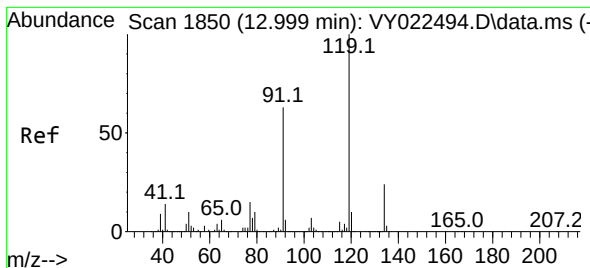
Tgt Ion: 75 Resp: 8012
Ion Ratio Lower Upper
75 100
53 95.0 78.5 117.7
89 46.8 35.7 53.5



#82
4-Chlorotoluene
Concen: 20.480 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion: 91 Resp: 98279
Ion Ratio Lower Upper
91 100
126 35.8 17.0 50.9





#83

tert-Butylbenzene

Concen: 20.525 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

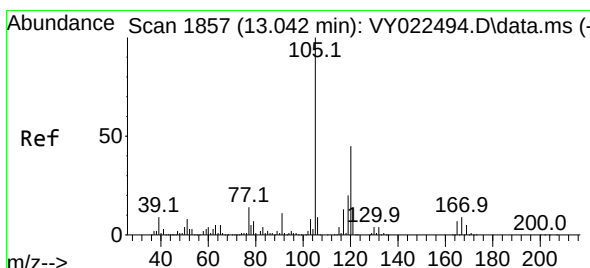
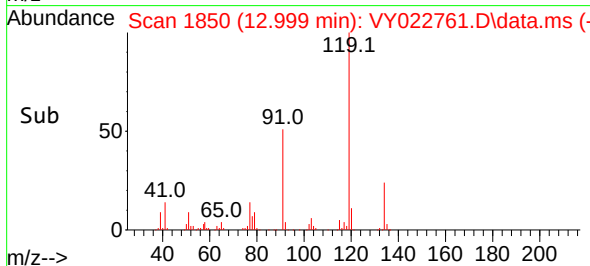
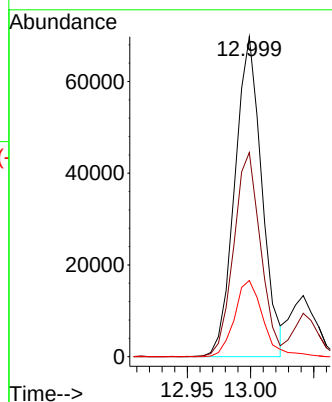
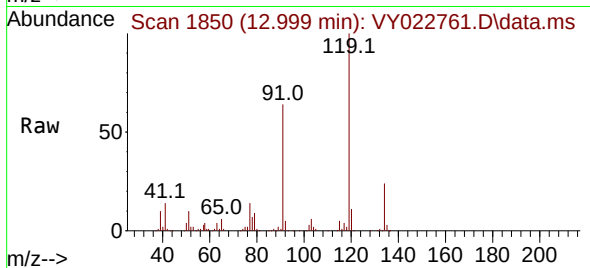
Tgt Ion:119 Resp: 103929

Ion Ratio Lower Upper

119 100

91 63.5 32.1 96.3

134 25.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.466 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022761.D

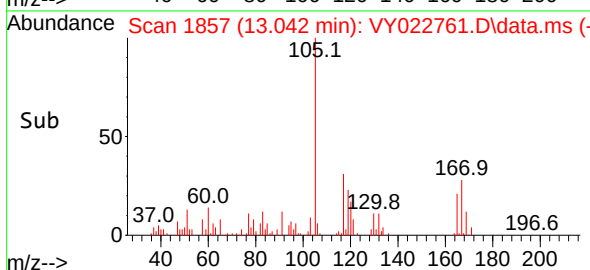
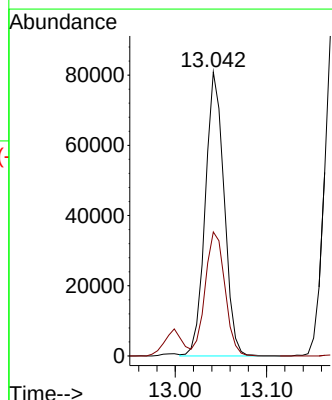
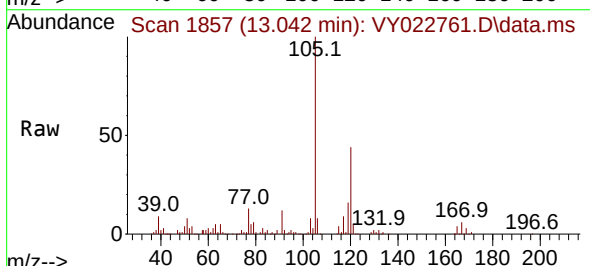
Acq: 20 Jun 2025 12:48

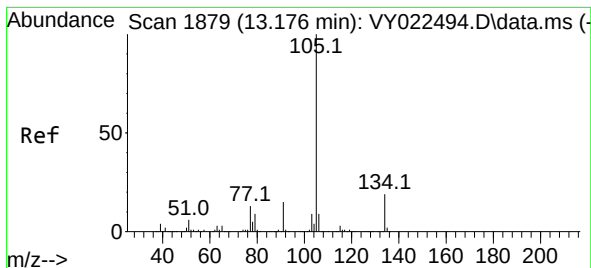
Tgt Ion:105 Resp: 115483

Ion Ratio Lower Upper

105 100

120 45.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 20.926 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

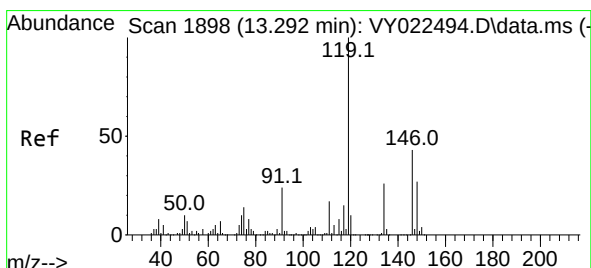
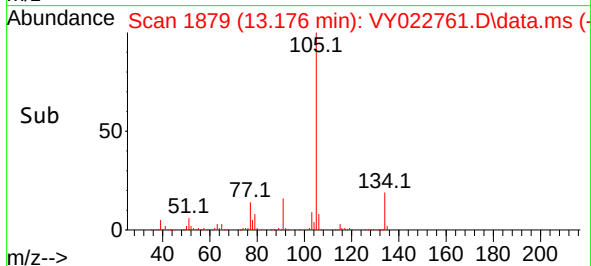
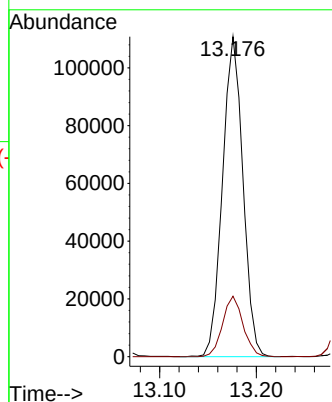
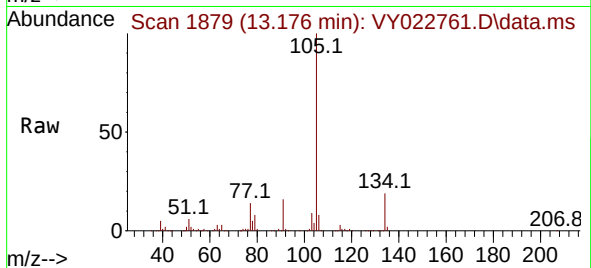
ClientSampleId :

Tgt Ion:105 Resp: 162280

Ion Ratio Lower Upper

105 100

134 18.9 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.315 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

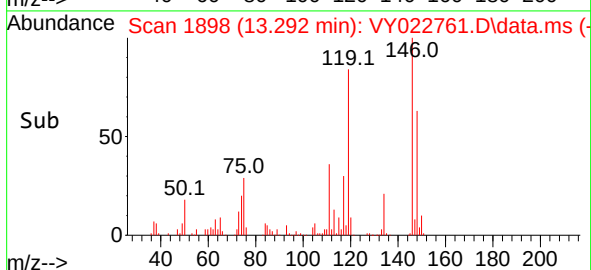
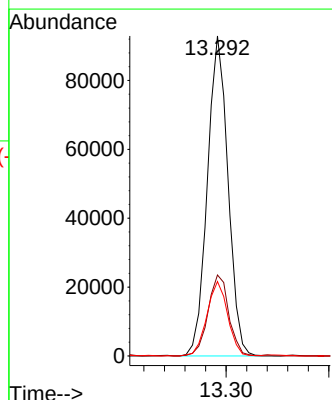
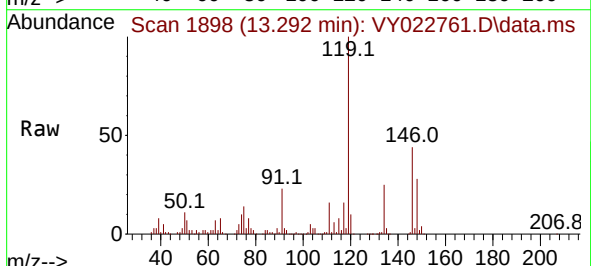
Tgt Ion:119 Resp: 129856

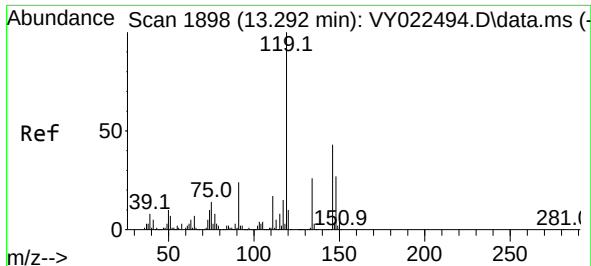
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

91 23.4 11.6 34.8

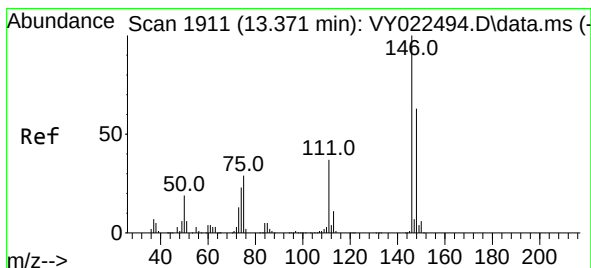
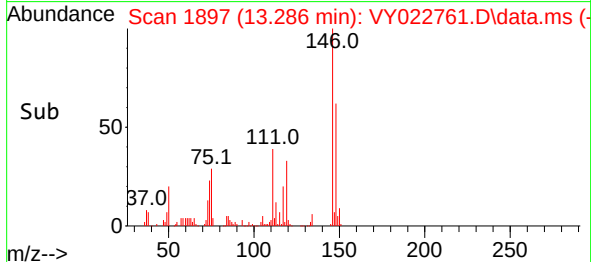
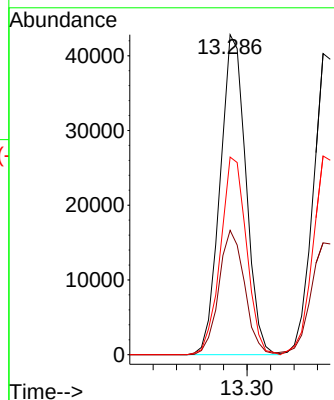
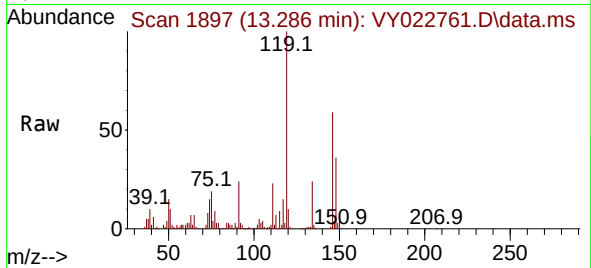




#87
1,3-Dichlorobenzene
Concen: 21.238 ug/l
RT: 13.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

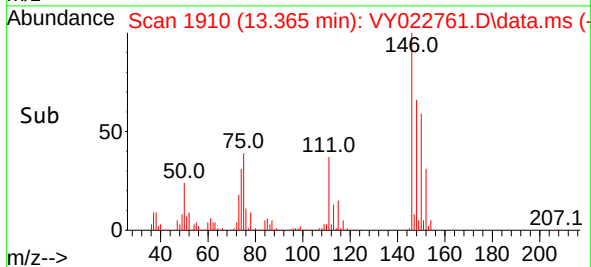
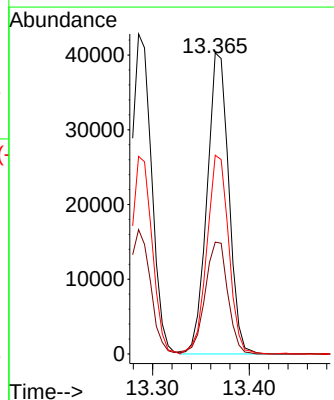
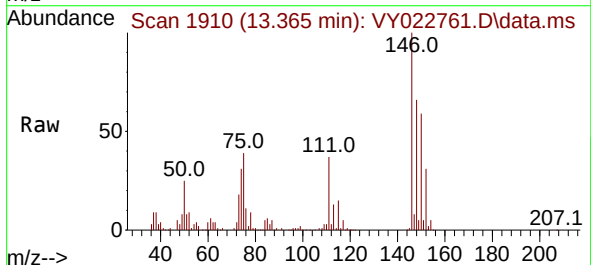
Instrument :
MSVOA_Y
ClientSampleId :

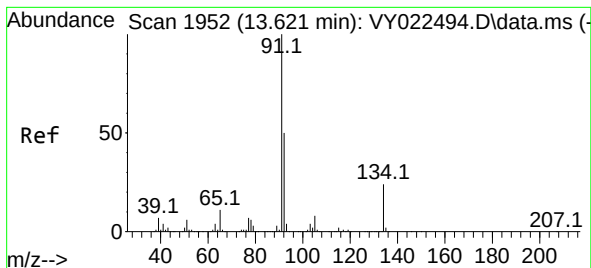
Tgt Ion:146 Resp: 65252
Ion Ratio Lower Upper
146 100
111 38.7 20.1 60.2
148 62.2 32.1 96.3



#88
1,4-Dichlorobenzene
Concen: 21.119 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022761.D
Acq: 20 Jun 2025 12:48

Tgt Ion:146 Resp: 62934
Ion Ratio Lower Upper
146 100
111 39.0 19.4 58.2
148 66.3 31.6 94.8





#89

n-Butylbenzene

Concen: 20.350 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

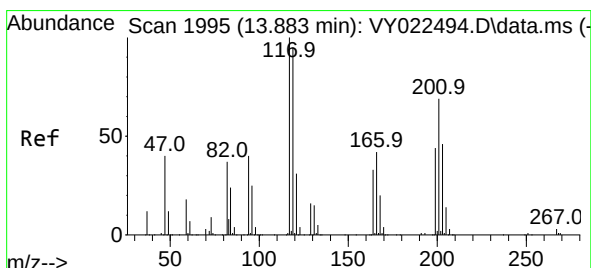
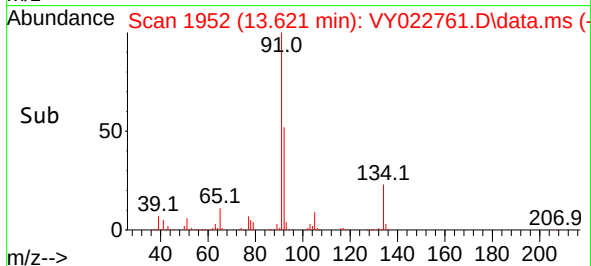
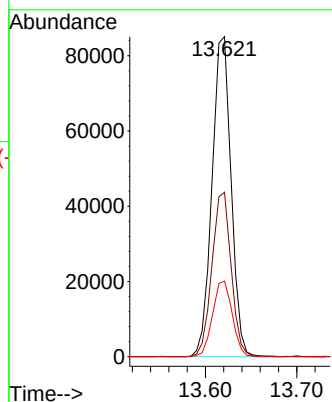
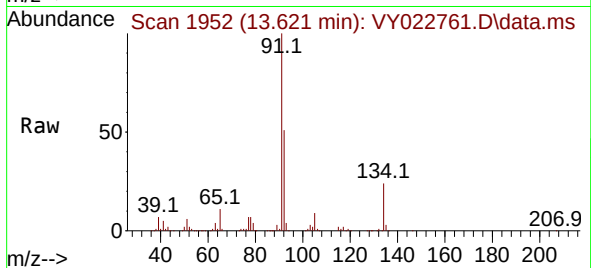
Tgt Ion: 91 Resp: 123416

Ion Ratio Lower Upper

91 100

92 51.8 25.9 77.8

134 24.3 12.0 36.1



#90

Hexachloroethane

Concen: 21.925 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. -0.000 min

Lab File: VY022761.D

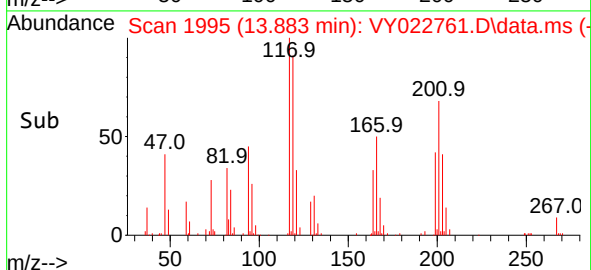
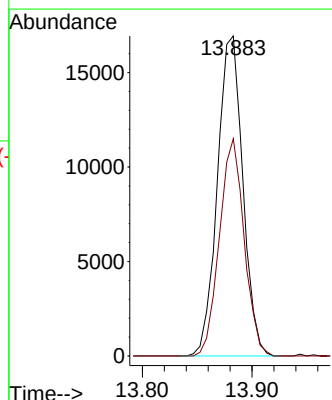
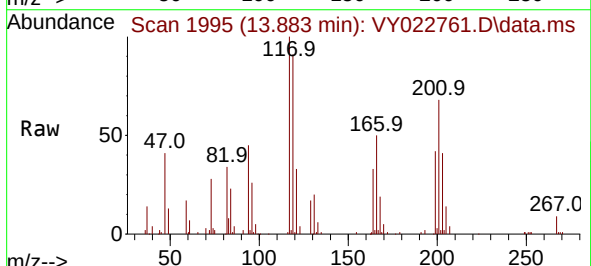
Acq: 20 Jun 2025 12:48

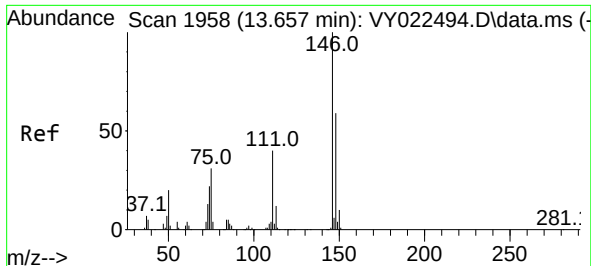
Tgt Ion: 117 Resp: 27285

Ion Ratio Lower Upper

117 100

201 65.9 34.0 102.0





#91

1,2-Dichlorobenzene

Concen: 21.282 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

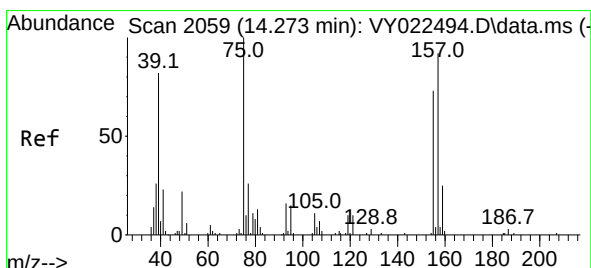
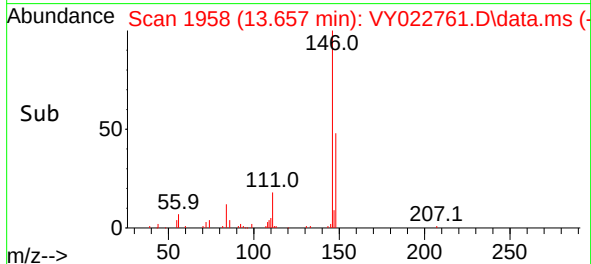
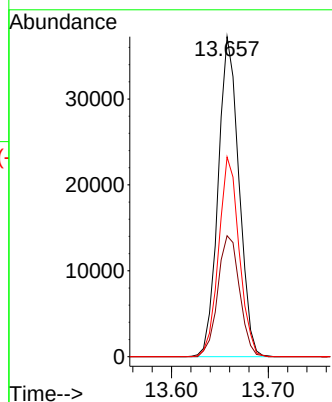
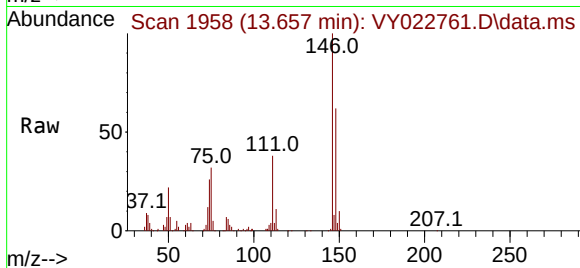
Tgt Ion:146 Resp: 55516

Ion Ratio Lower Upper

146 100

111 39.7 20.2 60.6

148 61.6 31.4 94.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.330 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

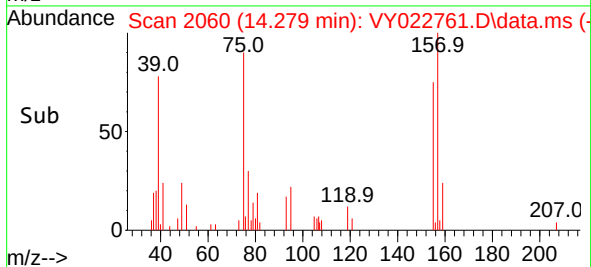
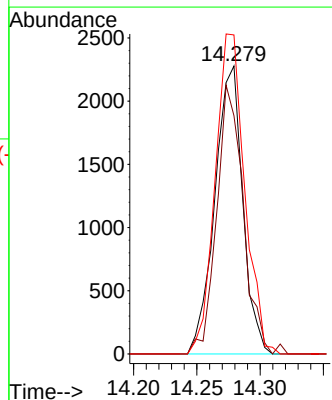
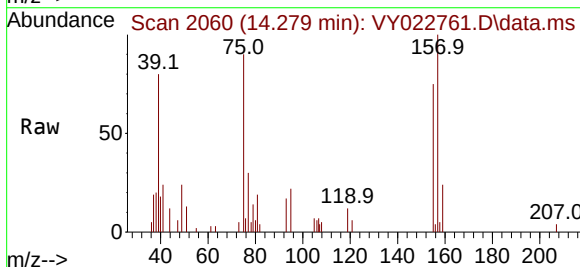
Tgt Ion: 75 Resp: 3491

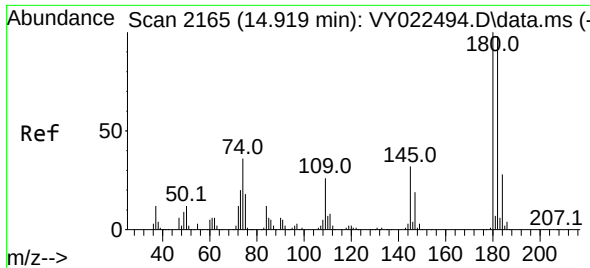
Ion Ratio Lower Upper

75 100

155 89.3 39.9 119.6

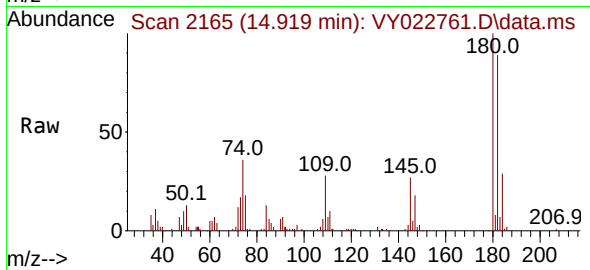
157 117.6 54.0 162.0



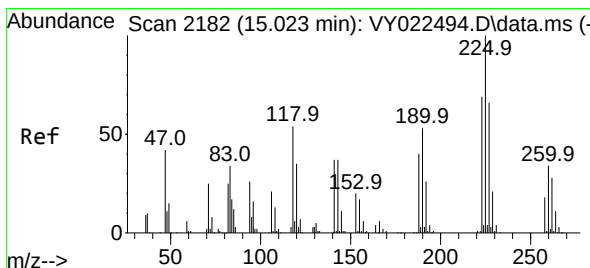
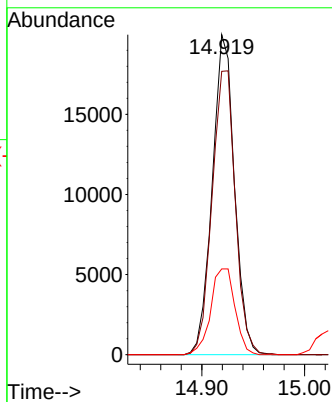
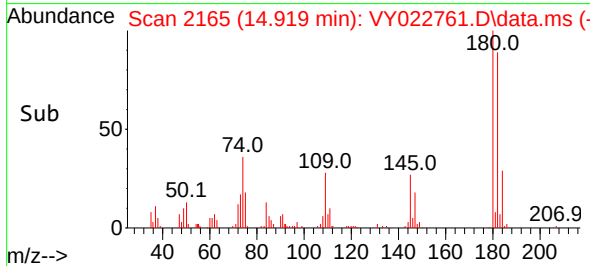


#93
 1,2,4-Trichlorobenzene
 Concen: 21.033 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

Instrument :
 MSVOA_Y
 ClientSampleId :

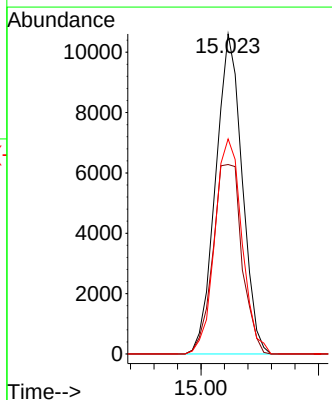
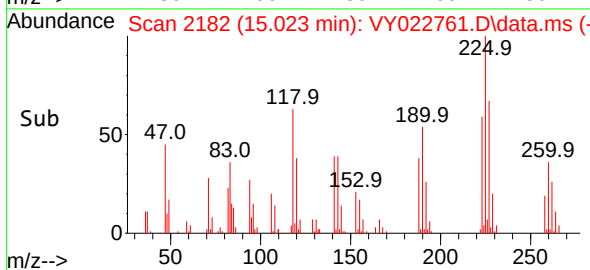
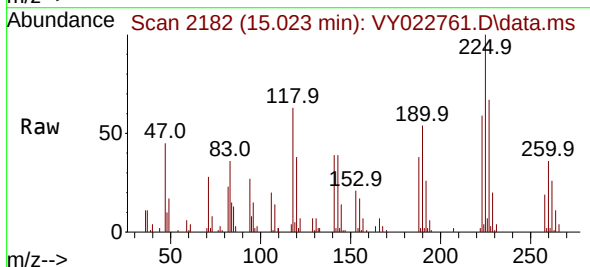


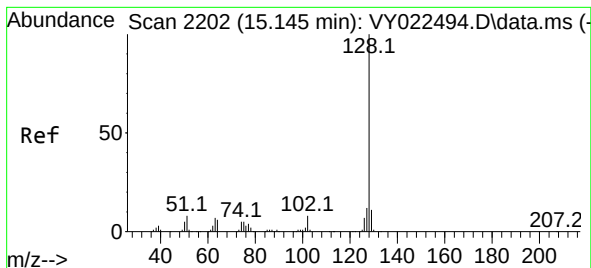
Tgt Ion:180 Resp: 29924
 Ion Ratio Lower Upper
 180 100
 182 92.9 48.4 145.3
 145 29.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 21.137 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. -0.000 min
 Lab File: VY022761.D
 Acq: 20 Jun 2025 12:48

Tgt Ion:225 Resp: 16598
 Ion Ratio Lower Upper
 225 100
 223 64.9 32.5 97.4
 227 68.9 32.3 96.9





#95

Naphthalene

Concen: 19.041 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022761.D

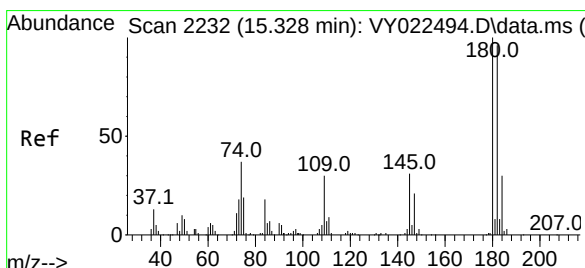
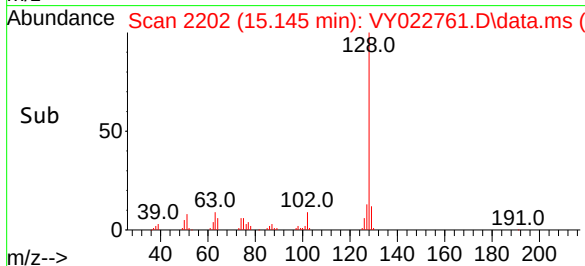
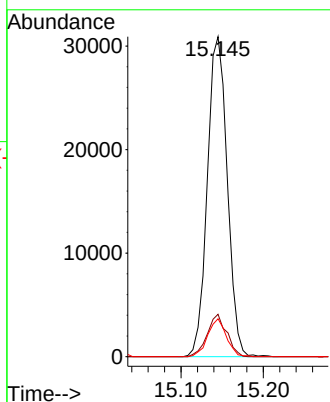
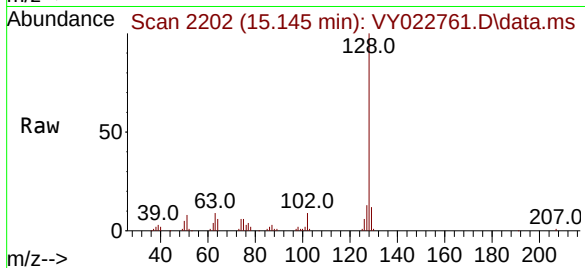
Acq: 20 Jun 2025 12:48

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	51985
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.4 15.6
129	11.2	8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 21.015 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022761.D

Acq: 20 Jun 2025 12:48

Tgt Ion:180	Resp:	25623
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.1 141.3
145	29.7	15.2 45.6

