

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052025\
 Data File : VY022348.D
 Acq On : 20 May 2025 17:19
 Operator : SY/MD
 Sample : Q2032-05MS
 Misc : 6.25g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

Quant Time: May 21 01:53:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:42:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	98597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	170765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	73453	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71710	66.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.100%	
35) Dibromofluoromethane	7.634	113	61790	60.624	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.240%	
50) Toluene-d8	10.103	98	247206	59.221	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 118.440%	
62) 4-Bromofluorobenzene	12.401	95	75384	56.975	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	54451	52.926	ug/l	97
3) Chloromethane	2.068	50	97533	45.067	ug/l	96
4) Vinyl Chloride	2.202	62	139909	57.863	ug/l	97
5) Bromomethane	2.592	94	110318	56.047	ug/l	99
6) Chloroethane	2.732	64	96479	64.138	ug/l	100
7) Trichlorofluoromethane	3.056	101	135035	55.160	ug/l	97
8) Diethyl Ether	3.452	74	31820	54.162	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	59072	55.583	ug/l	97
10) Methyl Iodide	4.000	142	61911	50.332	ug/l	98
11) Tert butyl alcohol	4.866	59	25328	307.799	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	56454	53.528	ug/l	96
13) Acrolein	3.653	56	15045	125.066	ug/l	96
14) Allyl chloride	4.378	41	83633	45.225	ug/l	95
15) Acrylonitrile	5.061	53	77737	321.126	ug/l	98
16) Acetone	3.872	43	84549	418.451	ug/l	93
17) Carbon Disulfide	4.104	76	174294	50.680	ug/l	99
18) Methyl Acetate	4.385	43	53620	84.169	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	166440	57.235	ug/l	96
20) Methylene Chloride	4.616	84	63571	48.691	ug/l	97
21) trans-1,2-Dichloroethene	5.110	96	59970	51.516	ug/l	91
22) Diisopropyl ether	6.018	45	190926	48.890	ug/l	99
23) Vinyl Acetate	5.957	43	460119	195.025	ug/l	98
24) 1,1-Dichloroethane	5.915	63	109906	50.375	ug/l	99
25) 2-Butanone	6.890	43	100929	298.629	ug/l	99
26) 2,2-Dichloropropane	6.884	77	93246	48.052	ug/l	99
27) cis-1,2-Dichloroethene	6.890	96	69636	51.837	ug/l	96
28) Bromochloromethane	7.244	49	48596	52.219	ug/l	95
29) Tetrahydrofuran	7.256	42	65288	300.262	ug/l	95
30) Chloroform	7.421	83	109572	52.359	ug/l	99
31) Cyclohexane	7.695	56	104140	47.773	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	99747	51.953	ug/l	99
36) 1,1-Dichloropropene	7.835	75	82963	49.419	ug/l	99
37) Ethyl Acetate	6.982	43	45218	55.980	ug/l	98
38) Carbon Tetrachloride	7.817	117	85388	49.137	ug/l	99
39) Methylcyclohexane	9.103	83	112611	49.929	ug/l	94
40) Benzene	8.079	78	242026	48.631	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	22626	42.228	ug/l #	72
42) 1,2-Dichloroethane	8.158	62	71794	53.345	ug/l	97
43) Isopropyl Acetate	8.195	43	94849	53.843	ug/l	97
44) Trichloroethene	8.865	130	61675	49.840	ug/l	93
45) 1,2-Dichloropropane	9.140	63	58623	48.858	ug/l	99
46) Dibromomethane	9.231	93	35782	55.291	ug/l	98
47) Bromodichloromethane	9.420	83	85593	50.982	ug/l	96
48) Methyl methacrylate	9.219	41	42936	52.118	ug/l	92
49) 1,4-Dioxane	9.237	88	9123	1247.863	ug/l #	89
51) 4-Methyl-2-Pentanone	9.993	43	239701	277.314	ug/l	97
52) Toluene	10.170	92	152272	48.318	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	81763	49.903	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	91494	48.740	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	46854	56.539	ug/l	97
56) Ethyl methacrylate	10.438	69	69278	53.668	ug/l	97
57) 1,3-Dichloropropane	10.713	76	81165	55.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	166099	286.673	ug/l	99
59) 2-Hexanone	10.761	43	157385	271.568	ug/l	95
60) Dibromochloromethane	10.908	129	57057	53.046	ug/l	99
61) 1,2-Dibromoethane	11.011	107	44187	57.209	ug/l	99
64) Tetrachloroethene	10.646	164	67556	47.319	ug/l	97
65) Chlorobenzene	11.438	112	156693	44.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	55417	46.258	ug/l	99
67) Ethyl Benzene	11.517	91	289818	44.408	ug/l	98
68) m/p-Xylenes	11.627	106	218571	88.880	ug/l	98
69) o-Xylene	11.956	106	103265	44.383	ug/l	98
70) Styrene	11.969	104	172431	43.934	ug/l	98
71) Bromoform	12.133	173	32396	50.101	ug/l #	99
73) Isopropylbenzene	12.255	105	272467	44.775	ug/l	100
74) N-amyl acetate	12.066	43	70724	40.637	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	49803	53.217	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	70115	94.221	ug/l #	100
77) Bromobenzene	12.529	156	59041	45.427	ug/l	100
78) n-propylbenzene	12.590	91	324607	44.225	ug/l	100
79) 2-Chlorotoluene	12.676	91	173702	43.064	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	212718	43.304	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16984	46.234	ug/l	100
82) 4-Chlorotoluene	12.773	91	175161	42.219	ug/l	99
83) tert-Butylbenzene	12.999	119	200289	45.874	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	210512	43.171	ug/l	98
85) sec-Butylbenzene	13.176	105	294440	45.431	ug/l	99
86) p-Isopropyltoluene	13.291	119	236452	43.379	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	110665	41.710	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	108417	42.481	ug/l	99
89) n-Butylbenzene	13.615	91	215787	41.845	ug/l	100
90) Hexachloroethane	13.877	117	48695	44.255	ug/l	94
91) 1,2-Dichlorobenzene	13.657	146	99142	44.486	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7985	52.912	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	48226	37.462	ug/l	99
94) Hexachlorobutadiene	15.023	225	28085	39.121	ug/l	97
95) Naphthalene	15.145	128	116441	47.665	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	42800	39.191	ug/l	98

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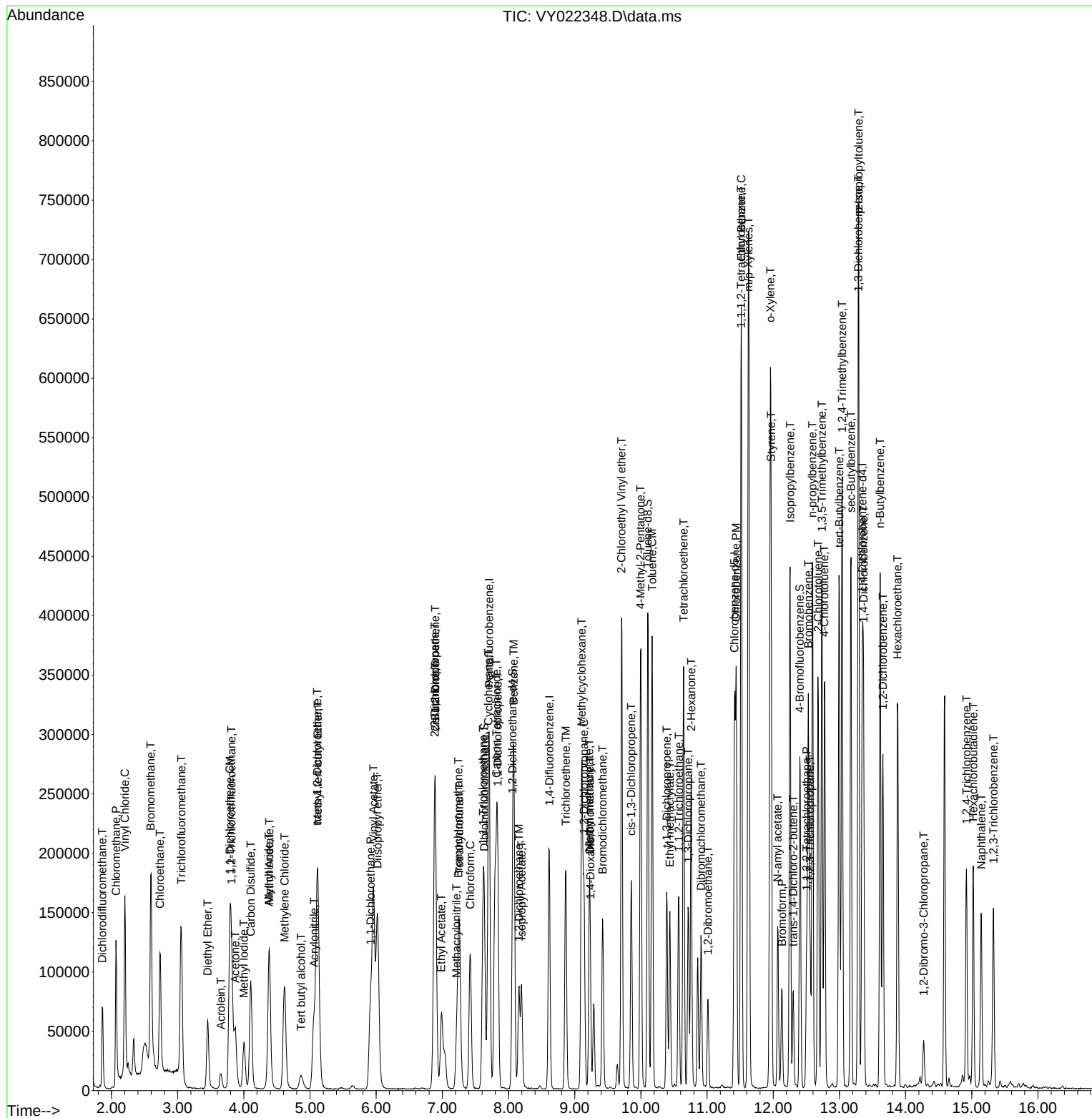
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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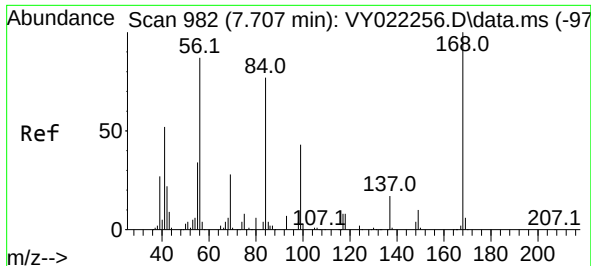
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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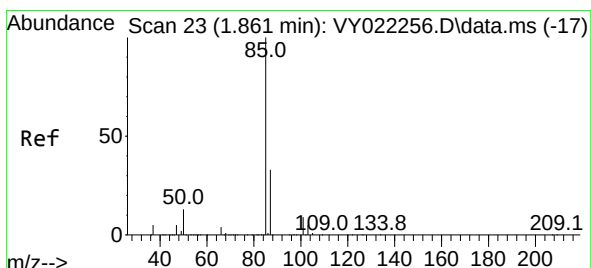
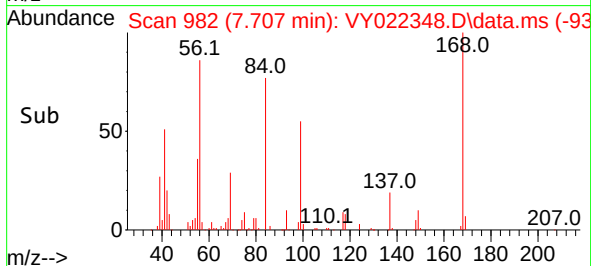
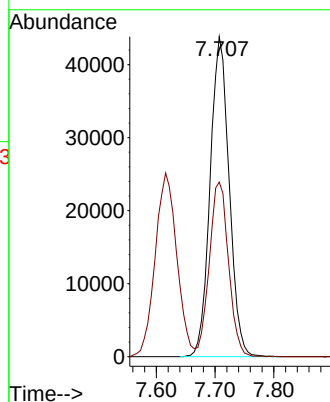
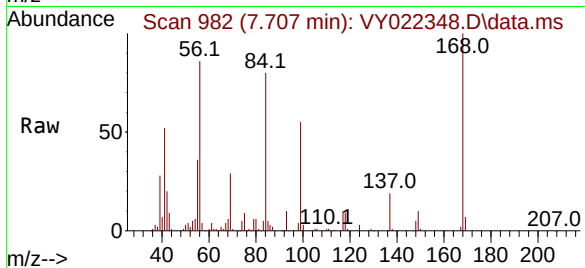




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022348.D
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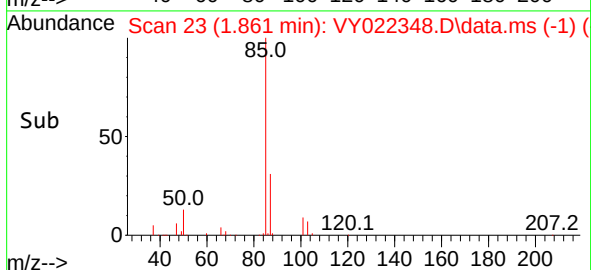
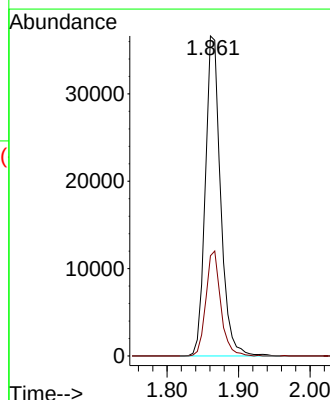
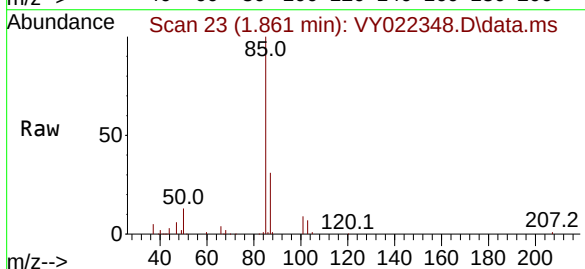
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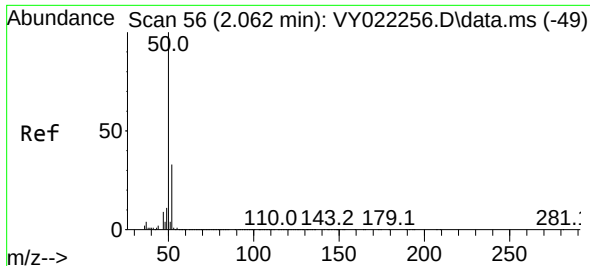
Tgt Ion:168 Resp: 98597
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 52.926 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 85 Resp: 54451
Ion Ratio Lower Upper
85 100
87 31.3 16.5 49.5

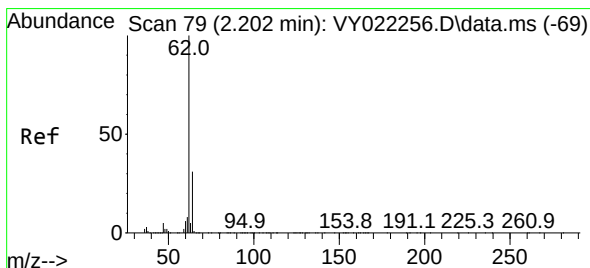
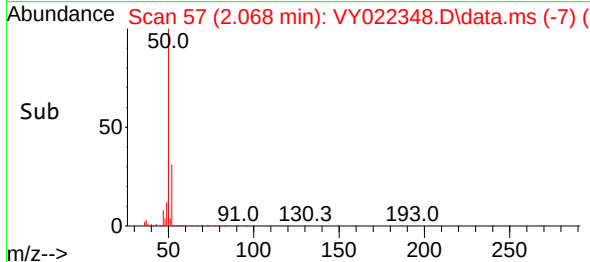
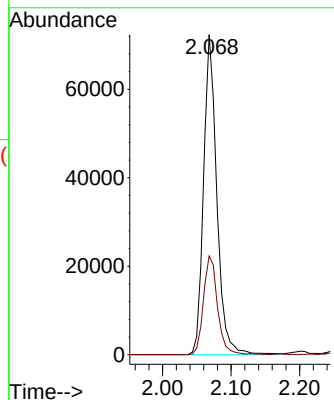
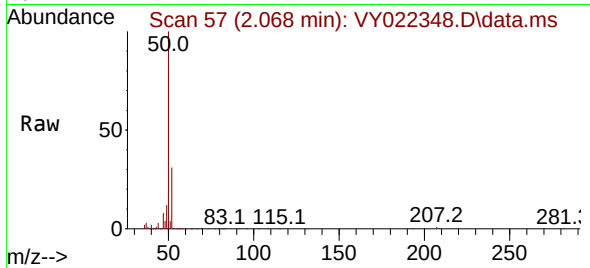




#3
Chloromethane
Concen: 45.067 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

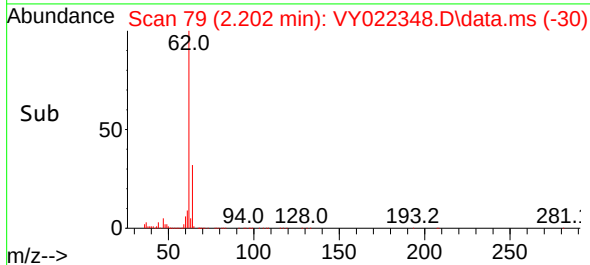
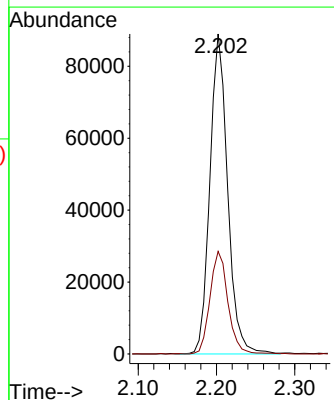
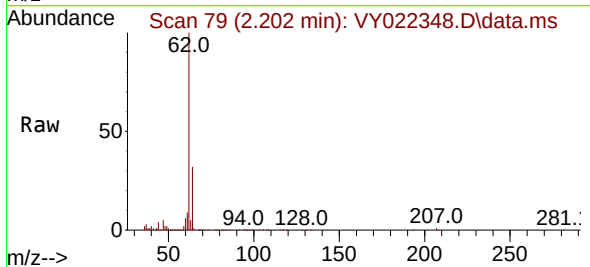
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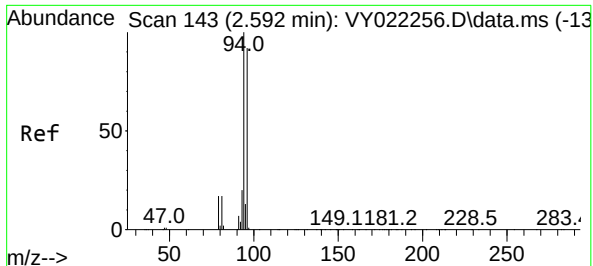
Tgt Ion: 50 Resp: 97533
Ion Ratio Lower Upper
50 100
52 30.9 26.5 39.7



#4
Vinyl Chloride
Concen: 57.863 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 62 Resp: 139909
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

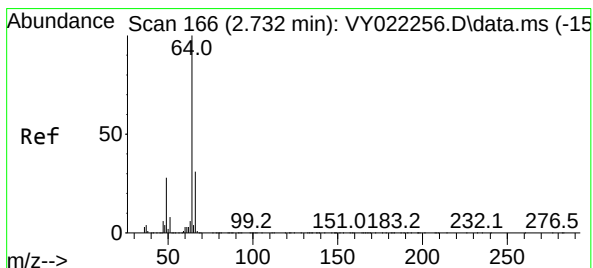
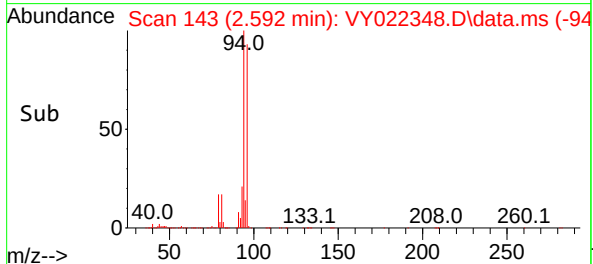
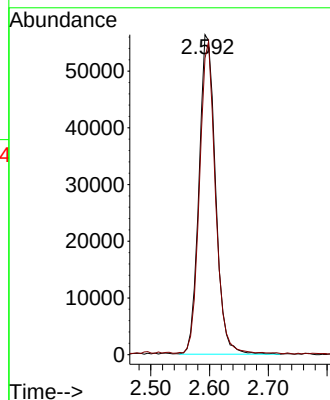
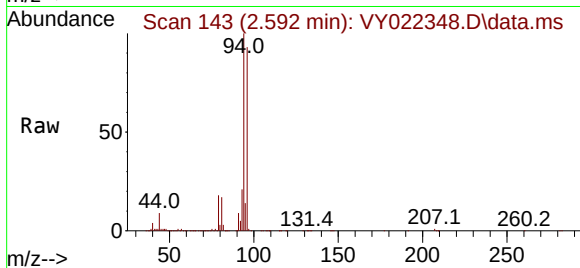




#5
Bromomethane
Concen: 56.047 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY022348.D
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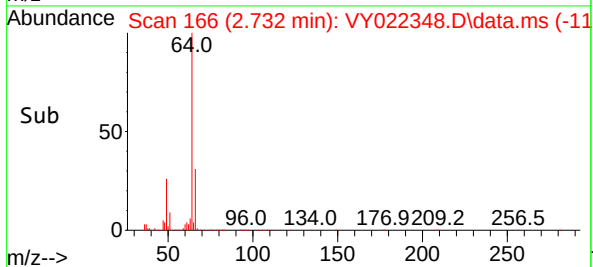
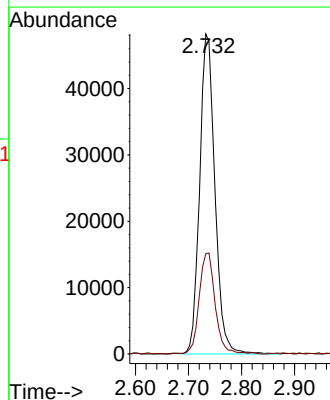
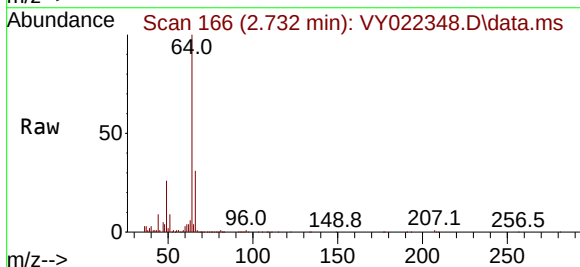
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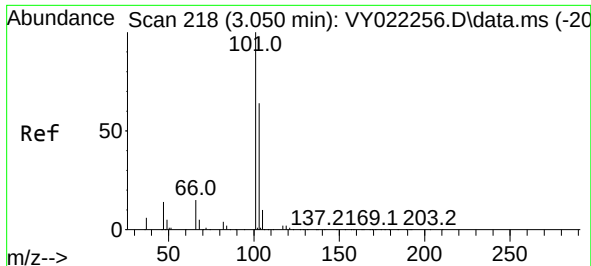
Tgt Ion: 94 Resp: 110318
Ion Ratio Lower Upper
94 100
96 92.4 73.4 110.0



#6
Chloroethane
Concen: 64.138 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 64 Resp: 96479
Ion Ratio Lower Upper
64 100
66 31.2 24.8 37.2

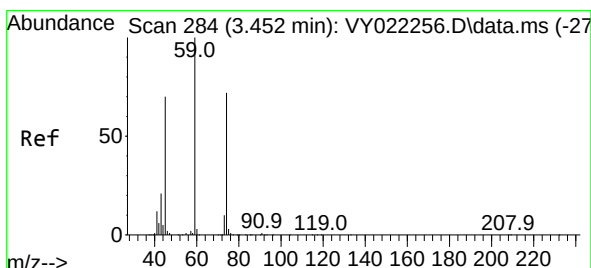
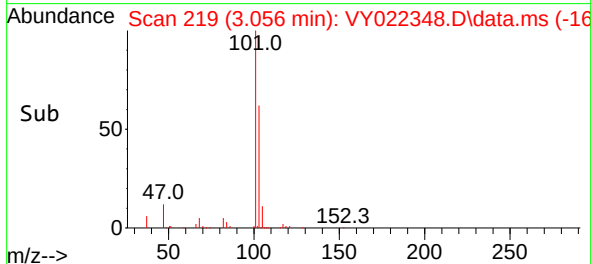
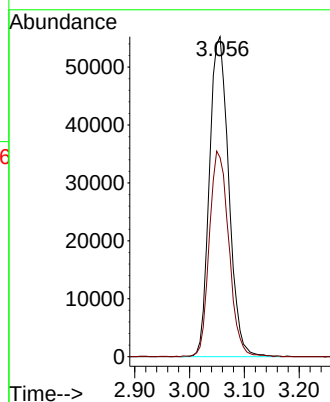
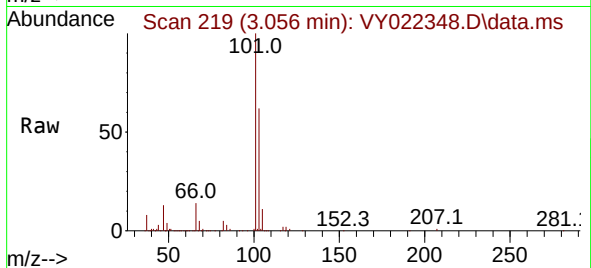




#7
Trichlorofluoromethane
Concen: 55.160 ug/l
RT: 3.056 min Scan# 218
Delta R.T. 0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

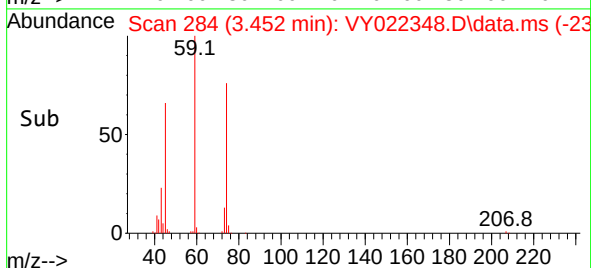
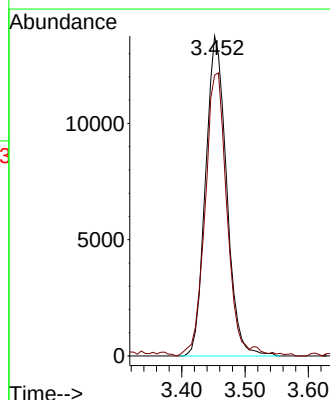
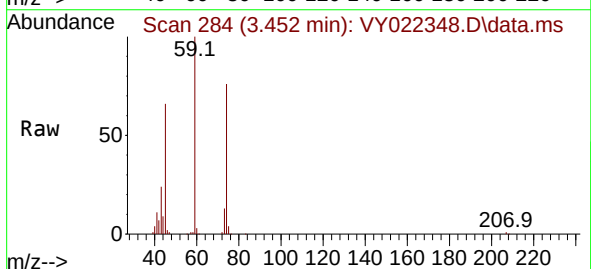
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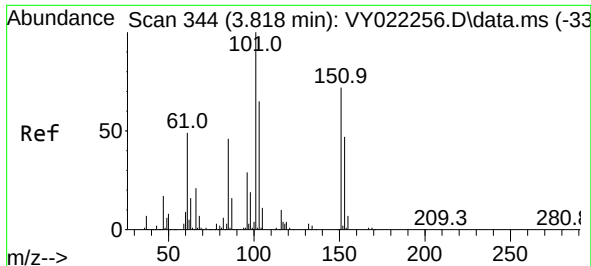
Tgt Ion:101 Resp: 135035
Ion Ratio Lower Upper
101 100
103 62.2 51.7 77.5



#8
Diethyl Ether
Concen: 54.162 ug/l
RT: 3.452 min Scan# 284
Delta R.T. -0.000 min
Lab File: VY022348.D
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Tgt Ion: 74 Resp: 31820
Ion Ratio Lower Upper
74 100
45 92.8 48.6 145.8

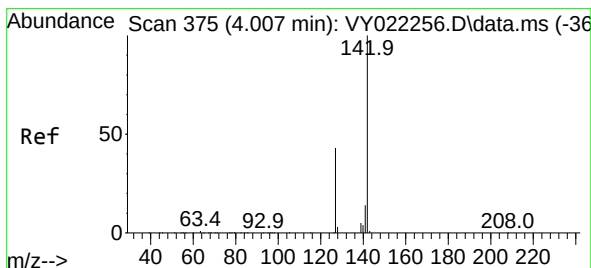
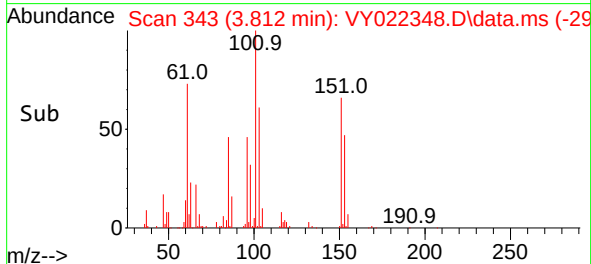
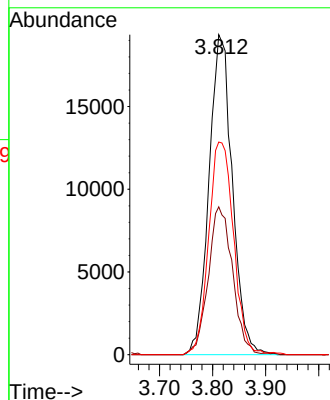
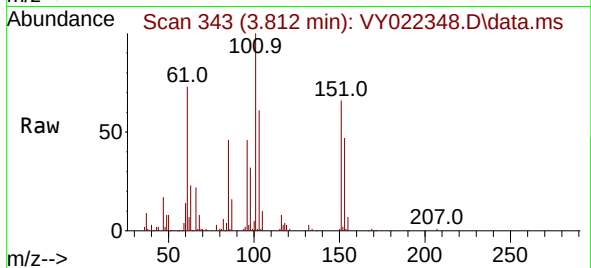




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.583 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

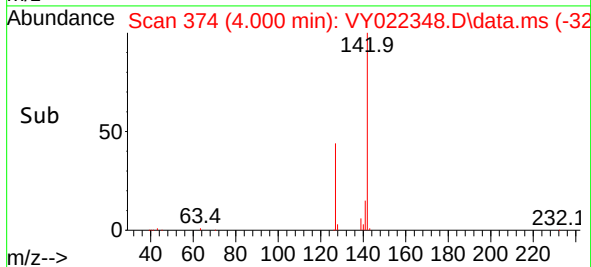
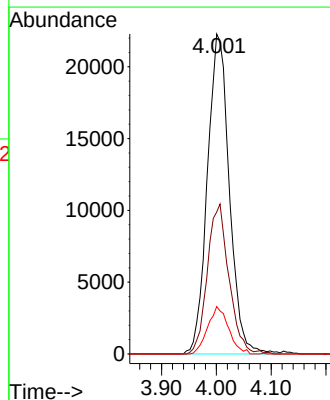
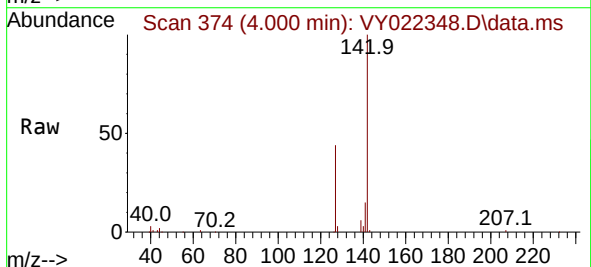
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

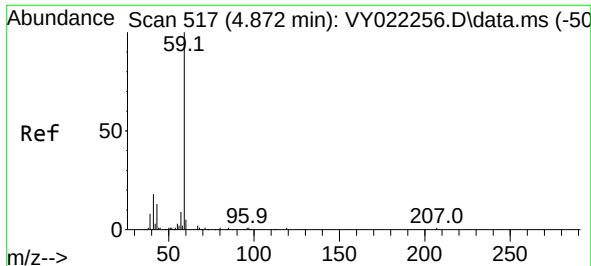
Tgt Ion:101 Resp: 59072
Ion Ratio Lower Upper
101 100
85 48.3 38.6 58.0
151 70.7 59.7 89.5



#10
Methyl Iodide
Concen: 50.332 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion:142 Resp: 61911
Ion Ratio Lower Upper
142 100
127 46.1 35.7 53.5
141 14.1 11.1 16.7

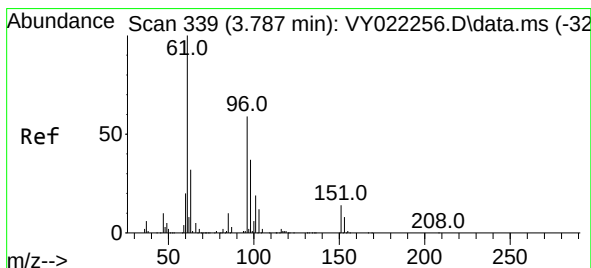
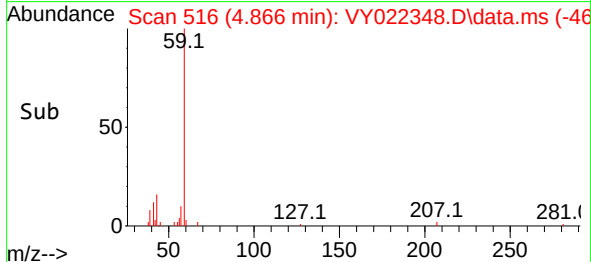
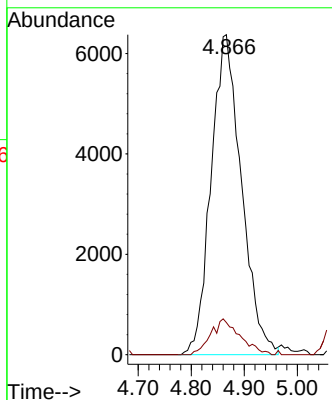
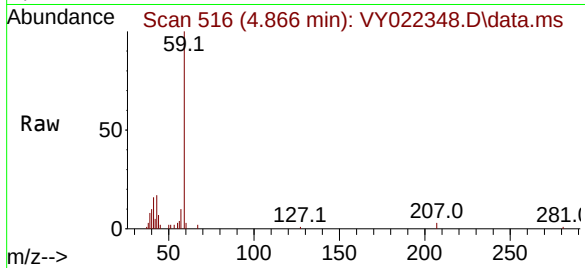




#11
Tert butyl alcohol
Concen: 307.799 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

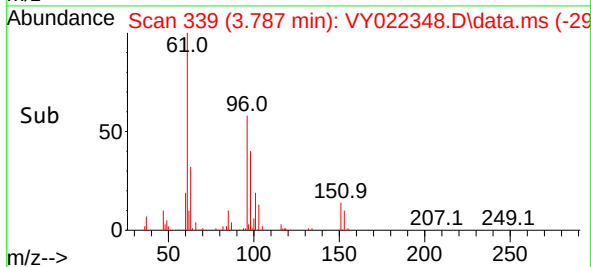
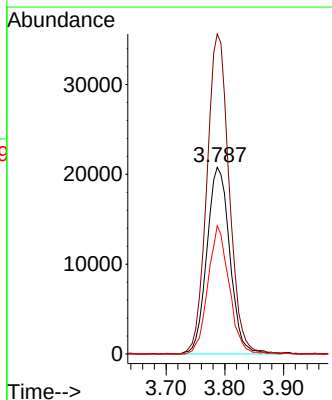
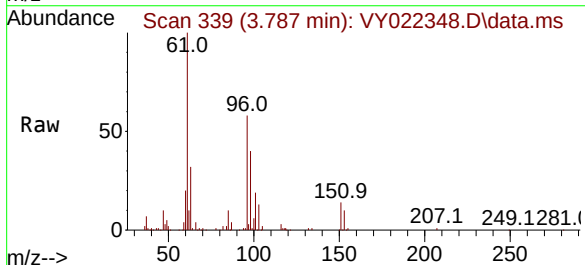
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

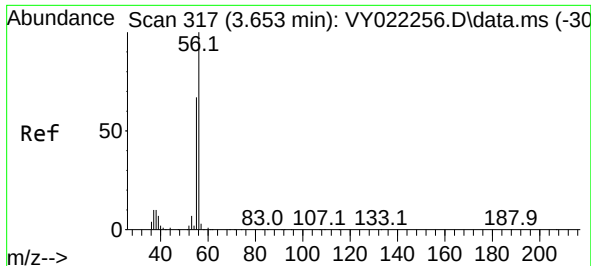
Tgt Ion: 59 Resp: 25328
Ion Ratio Lower Upper
59 100
57 10.8 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 53.528 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 96 Resp: 56454
Ion Ratio Lower Upper
96 100
61 171.4 134.9 202.3
98 68.7 49.9 74.9





#13

Acrolein

Concen: 125.066 ug/l

RT: 3.653 min Scan# 317

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

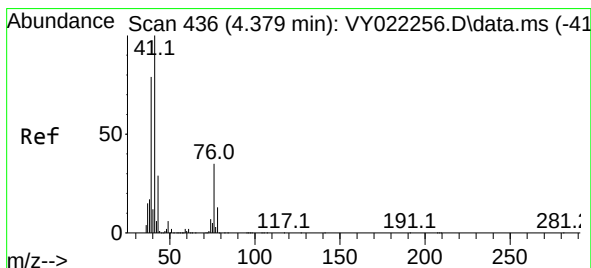
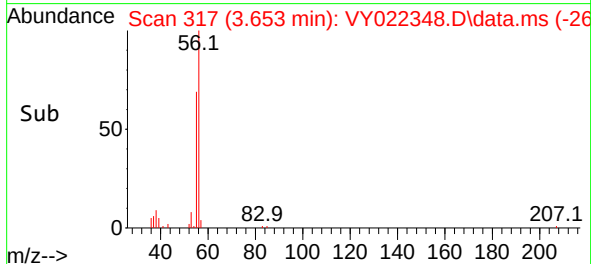
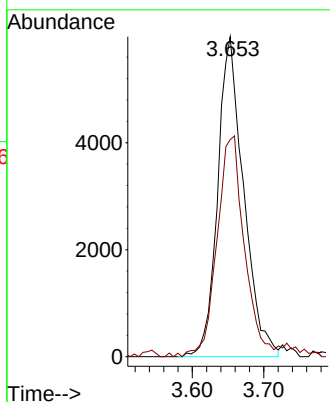
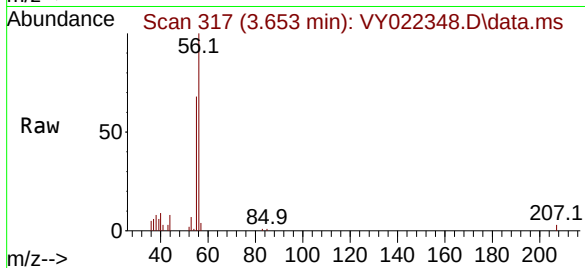
TP-24MS

Tgt Ion: 56 Resp: 15045

Ion Ratio Lower Upper

56 100

55 72.7 55.6 83.4



#14

Allyl chloride

Concen: 45.225 ug/l

RT: 4.378 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

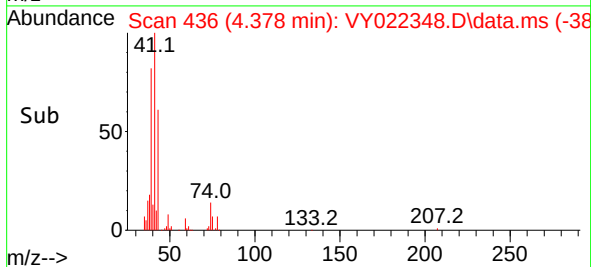
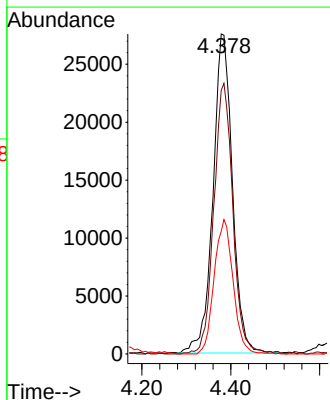
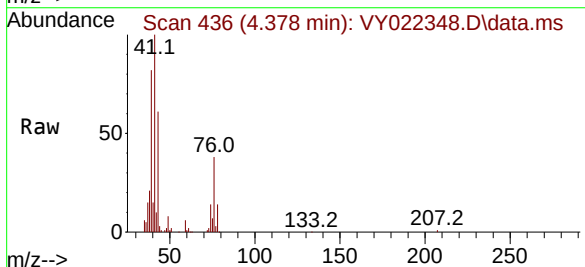
Tgt Ion: 41 Resp: 83633

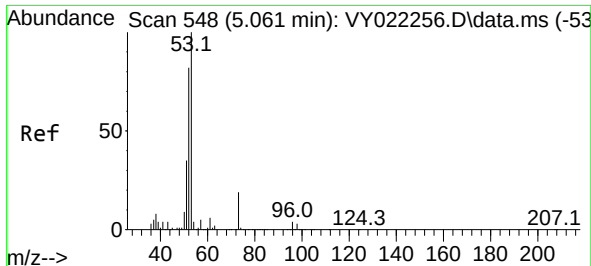
Ion Ratio Lower Upper

41 100

39 83.0 63.4 95.0

76 40.9 29.5 44.3

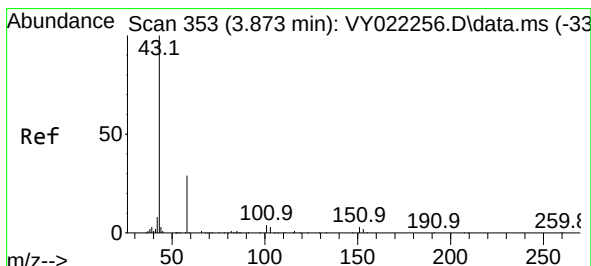
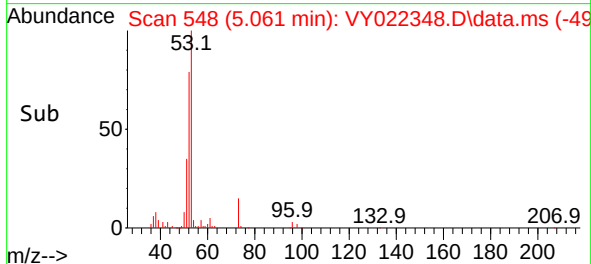
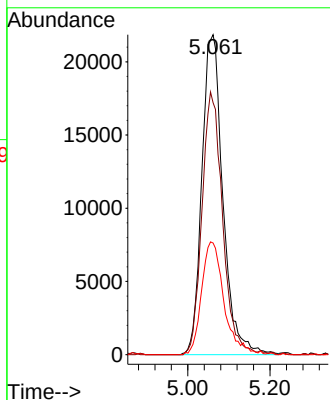
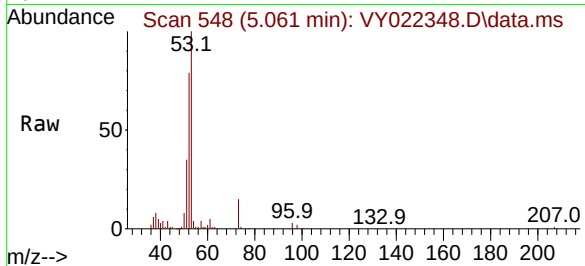




#15
Acrylonitrile
Concen: 321.126 ug/l
RT: 5.061 min Scan# 548
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

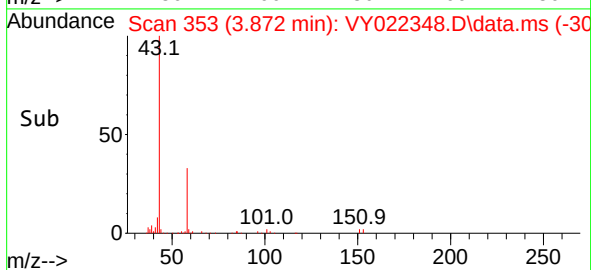
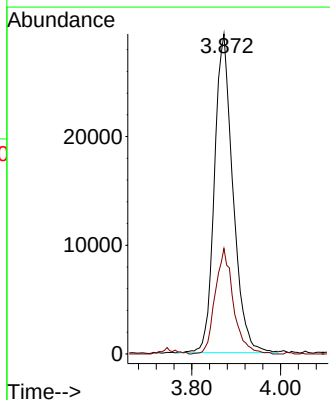
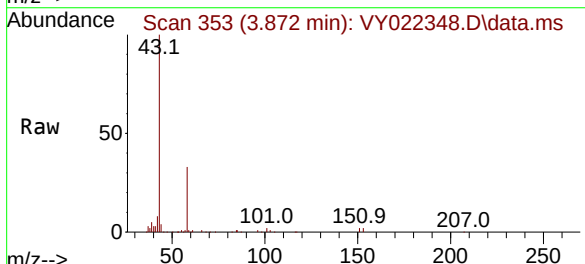
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

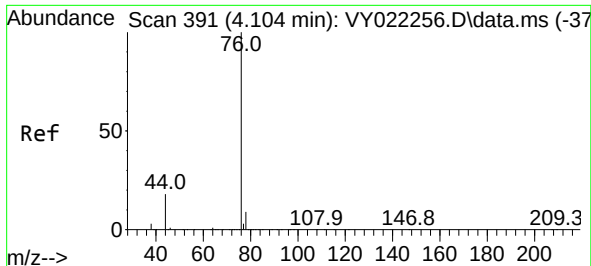
Tgt Ion: 53 Resp: 77737
Ion Ratio Lower Upper
53 100
52 80.0 66.1 99.1
51 37.5 30.0 45.0



#16
Acetone
Concen: 418.451 ug/l
RT: 3.872 min Scan# 353
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 43 Resp: 84549
Ion Ratio Lower Upper
43 100
58 33.1 23.6 35.4

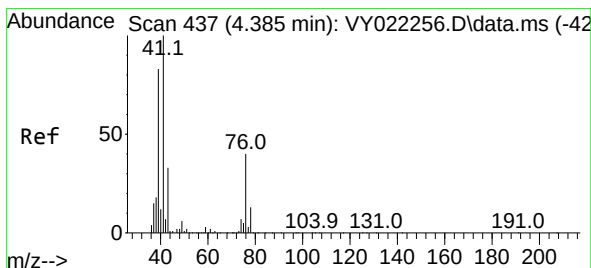
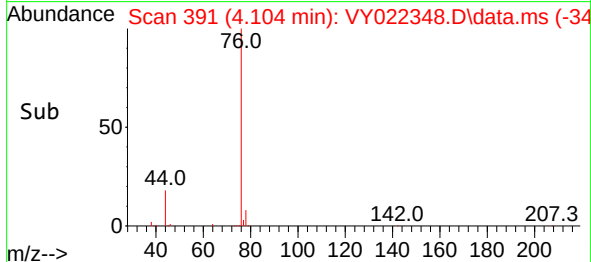
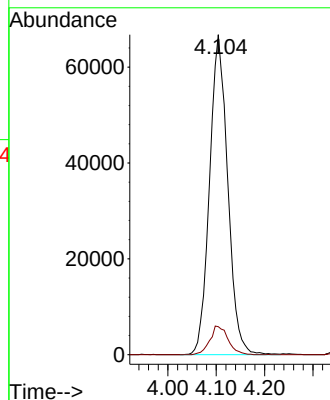
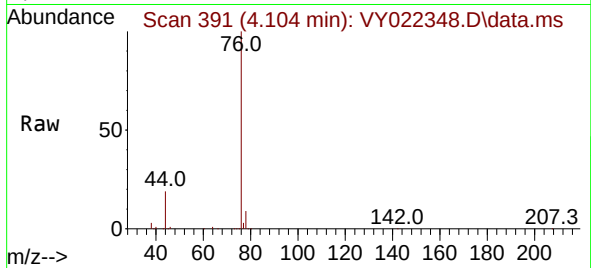




#17
Carbon Disulfide
Concen: 50.680 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

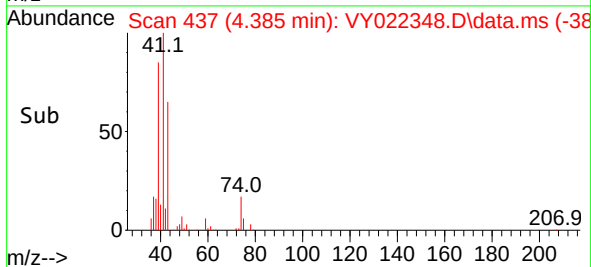
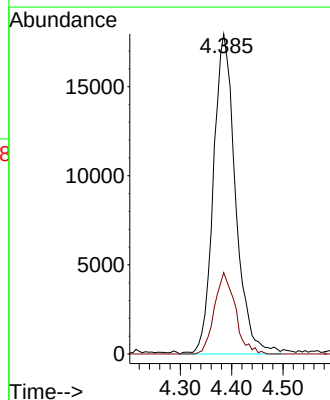
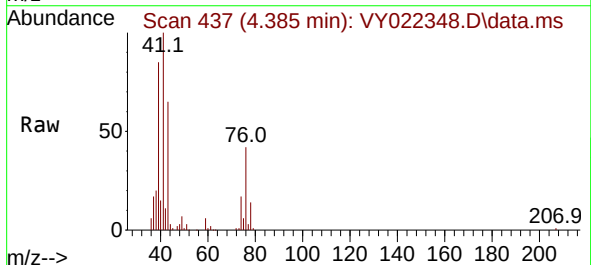
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

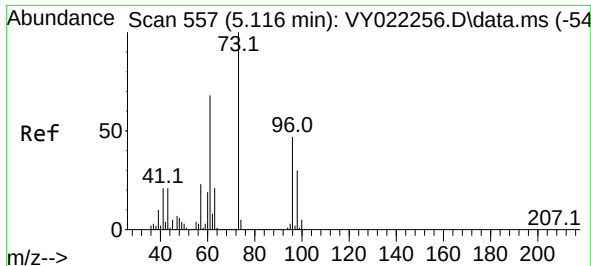
Tgt Ion: 76 Resp: 174294
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 84.169 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 43 Resp: 53620
Ion Ratio Lower Upper
43 100
74 23.9 18.2 27.4

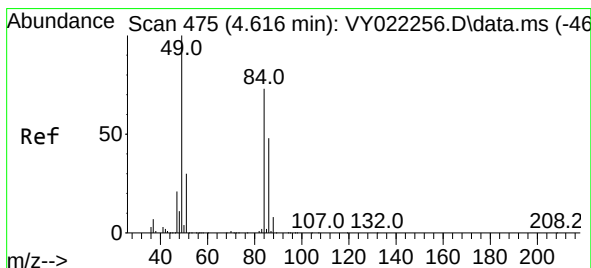
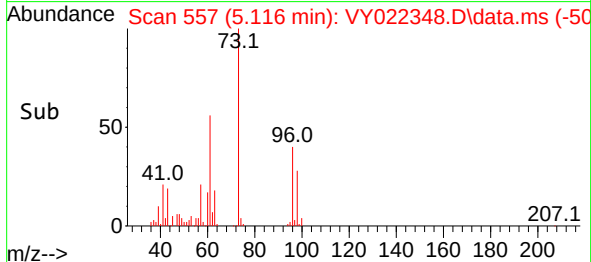
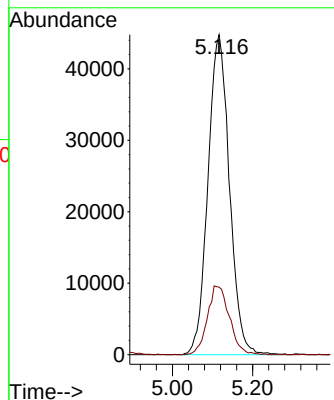
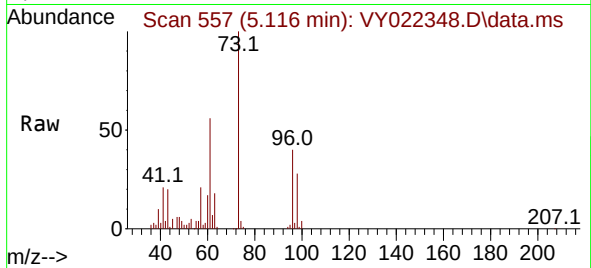




#19
Methyl tert-butyl Ether
Concen: 57.235 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

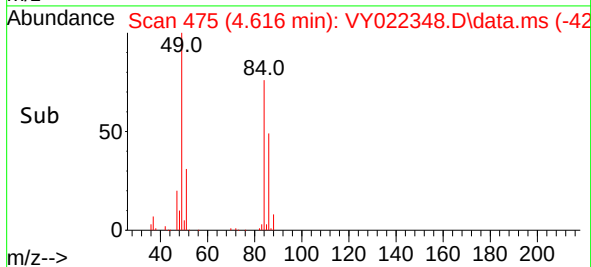
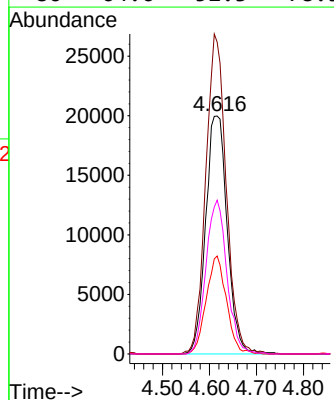
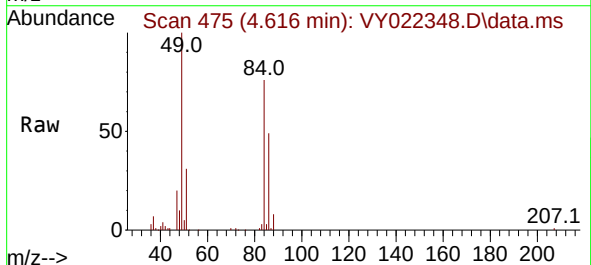
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

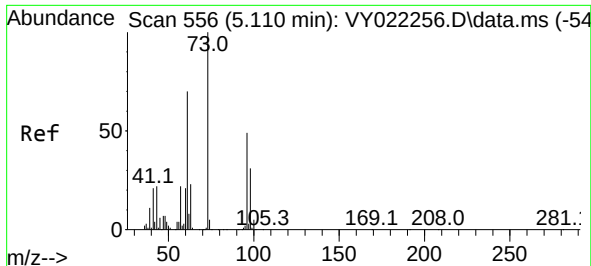
Tgt Ion: 73 Resp: 166440
Ion Ratio Lower Upper
73 100
57 21.1 18.6 28.0



#20
Methylene Chloride
Concen: 48.691 ug/l
RT: 4.616 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 84 Resp: 63571
Ion Ratio Lower Upper
84 100
49 131.1 109.6 164.4
51 41.1 32.4 48.6
86 64.6 52.3 78.5

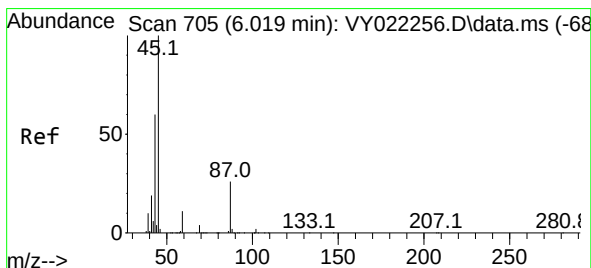
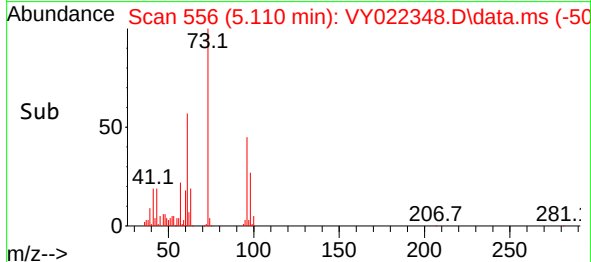
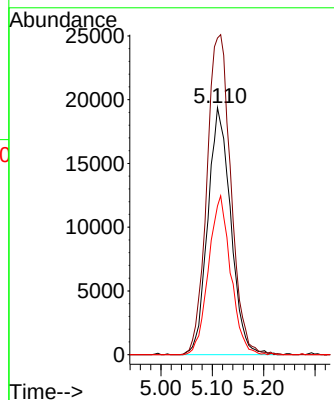
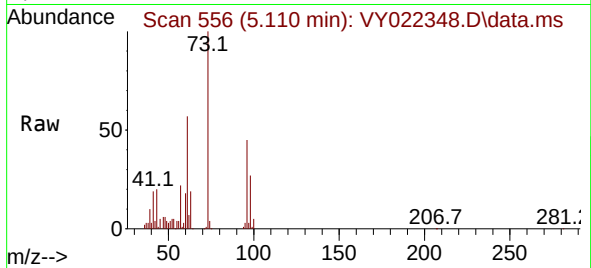




#21
trans-1,2-Dichloroethene
Concen: 51.516 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

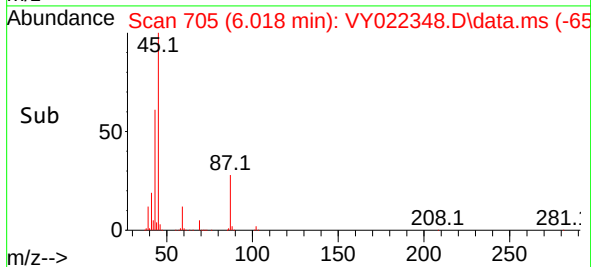
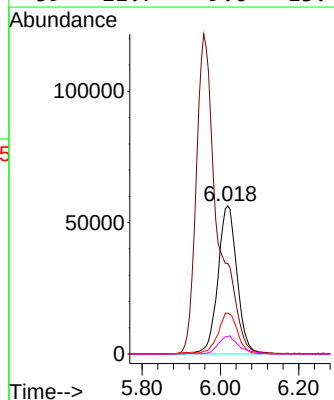
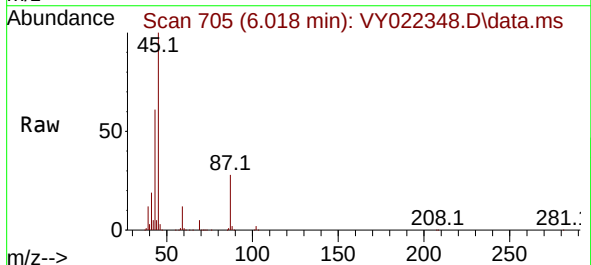
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

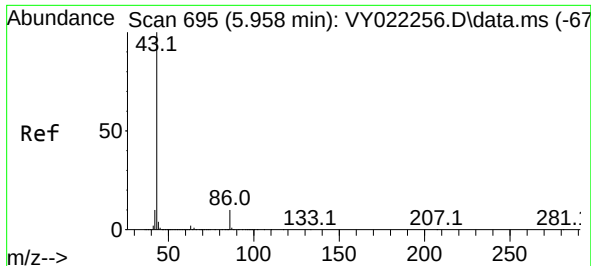
Tgt Ion: 96 Resp: 59970
Ion Ratio Lower Upper
96 100
61 128.2 113.4 170.0
98 60.2 50.9 76.3



#22
Diisopropyl ether
Concen: 48.890 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 45 Resp: 190926
Ion Ratio Lower Upper
45 100
43 60.6 48.2 72.2
87 27.5 21.4 32.0
59 11.7 9.0 13.4

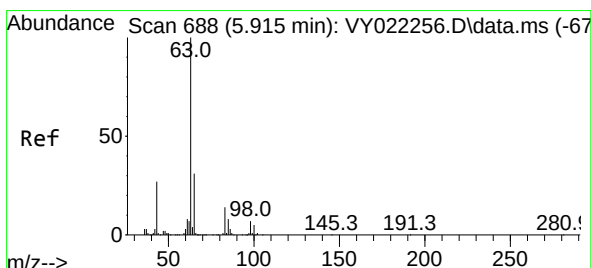
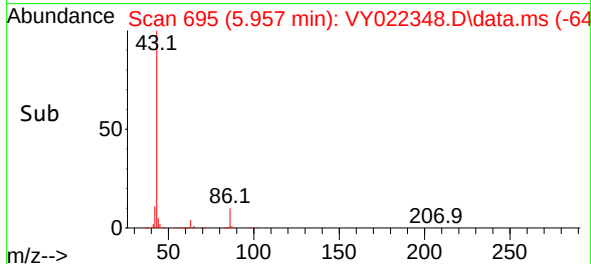
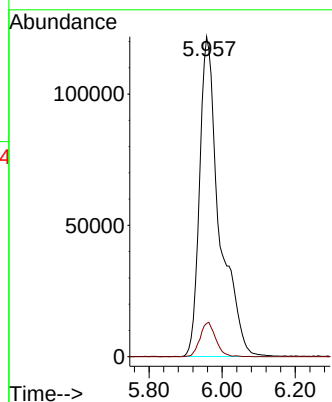
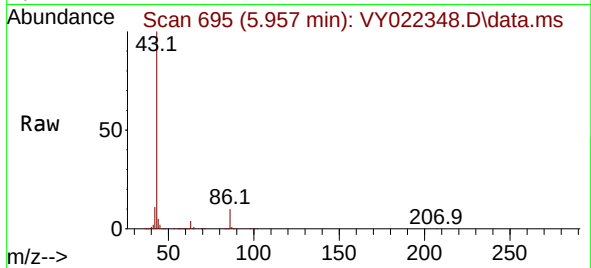




#23
 Vinyl Acetate
 Concen: 195.025 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

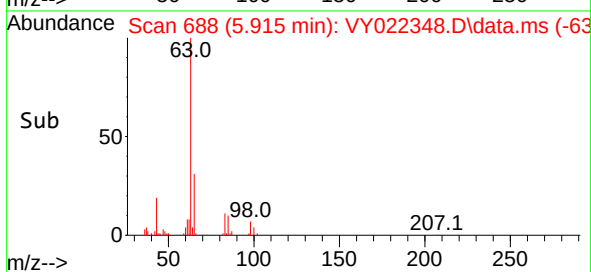
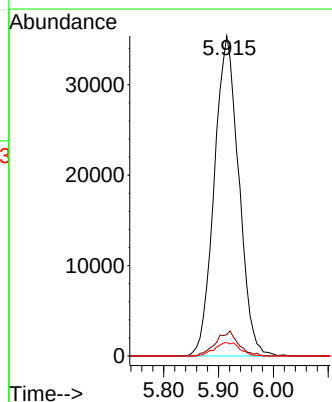
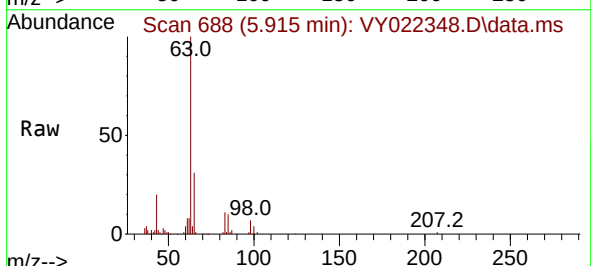
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

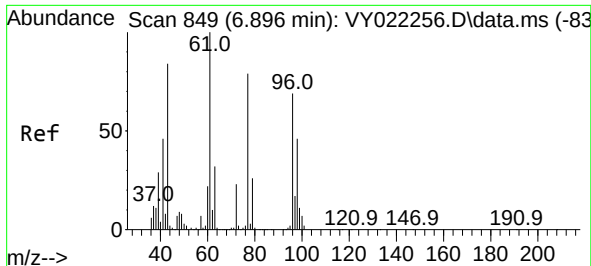
Tgt Ion: 43 Resp: 460119
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.375 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

Tgt Ion: 63 Resp: 109906
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.2 2.4 7.2

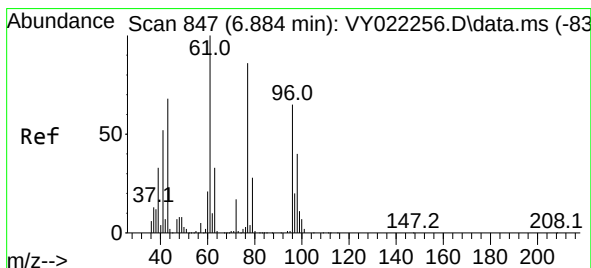
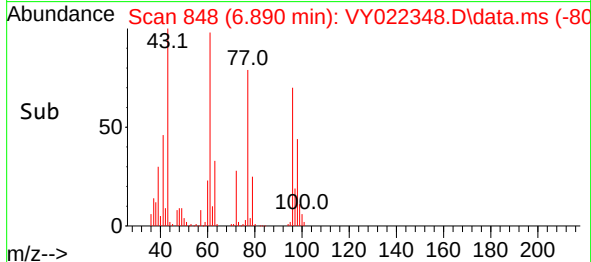
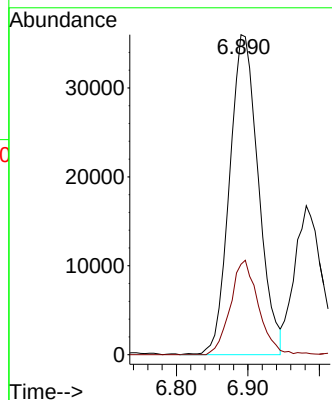
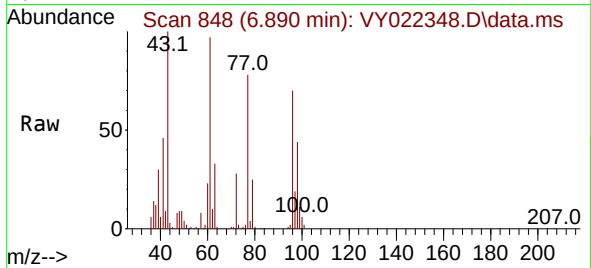




#25
2-Butanone
Concen: 298.629 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

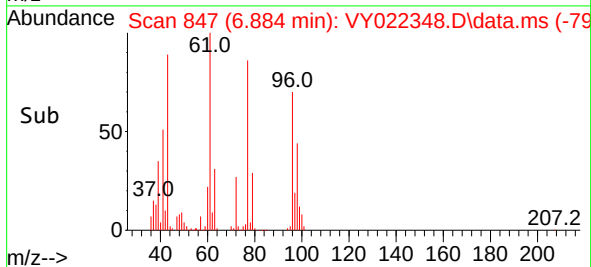
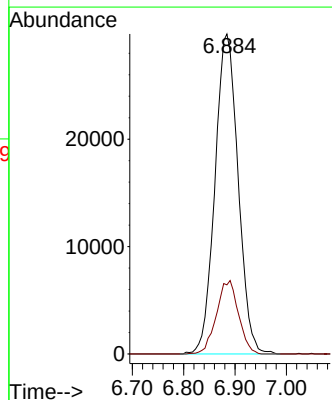
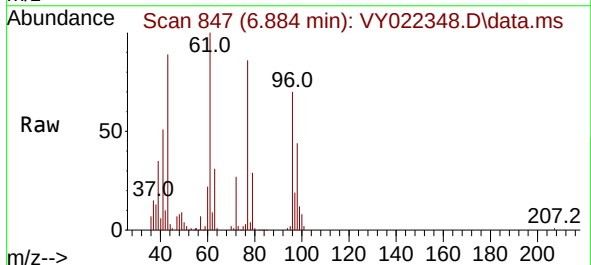
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

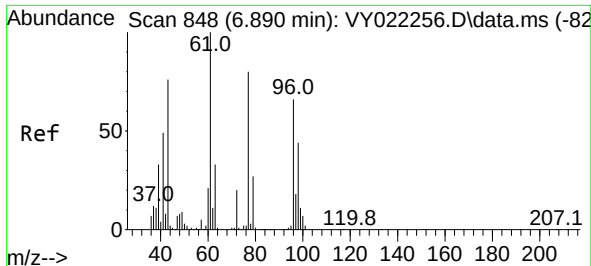
Tgt Ion: 43 Resp: 100929
Ion Ratio Lower Upper
43 100
72 28.3 22.1 33.1



#26
2,2-Dichloropropane
Concen: 48.052 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 77 Resp: 93246
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.5

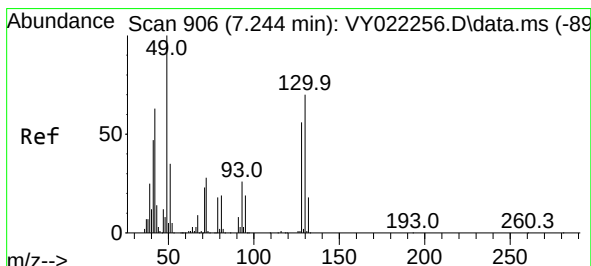
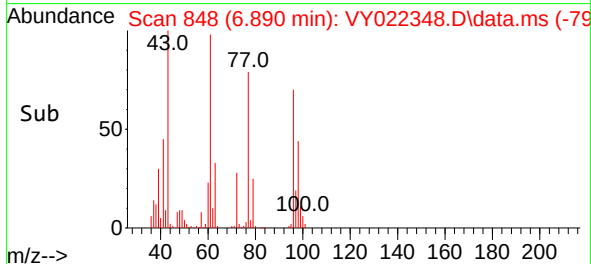
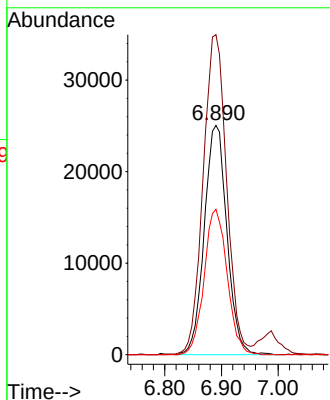
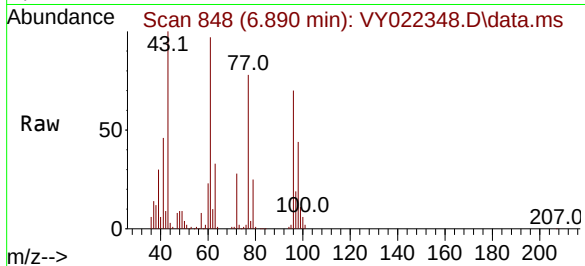




#27
 cis-1,2-Dichloroethene
 Concen: 51.837 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

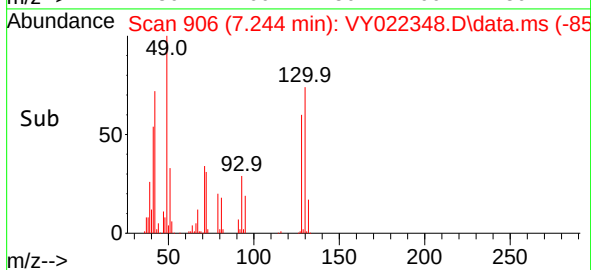
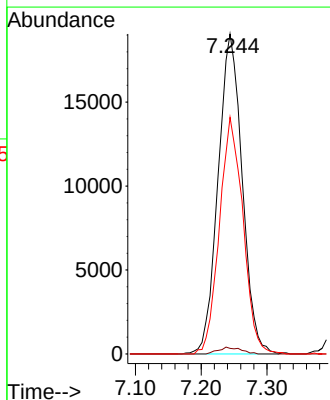
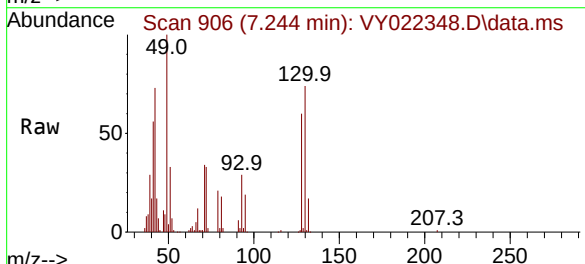
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

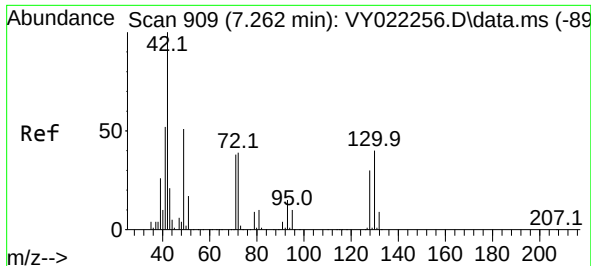
Tgt Ion: 96 Resp: 69636
 Ion Ratio Lower Upper
 96 100
 61 144.6 0.0 302.6
 98 64.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.219 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

Tgt Ion: 49 Resp: 48596
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.6
 130 72.3 54.7 82.1





#29

Tetrahydrofuran

Concen: 300.262 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

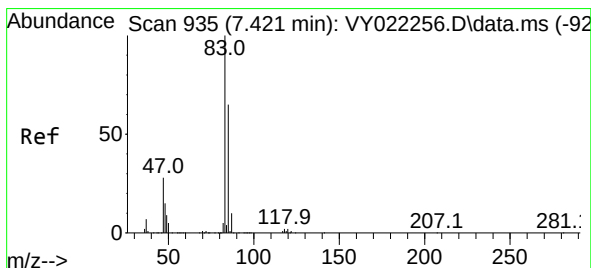
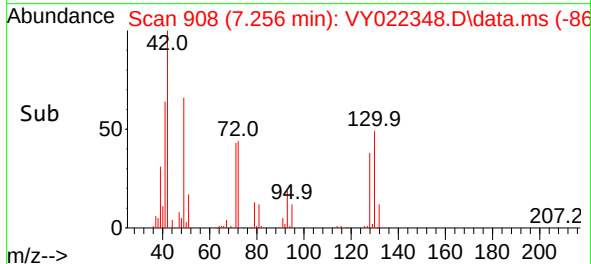
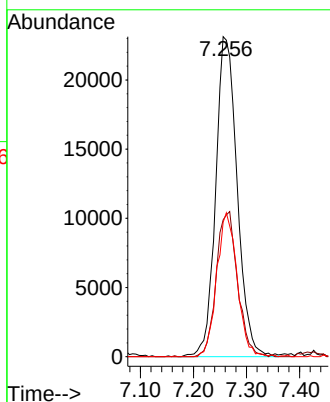
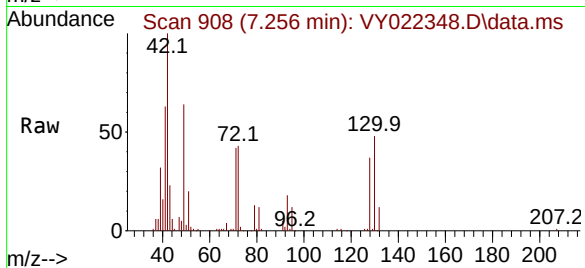
Tgt Ion: 42 Resp: 65288

Ion Ratio Lower Upper

42 100

72 44.8 33.8 50.6

71 42.6 31.5 47.3



#30

Chloroform

Concen: 52.359 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY022348.D

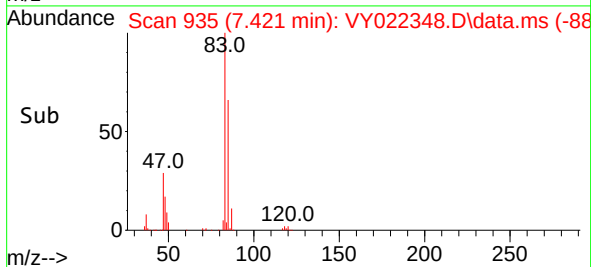
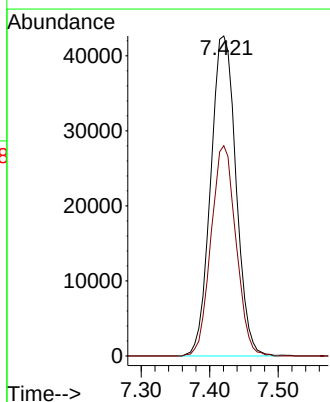
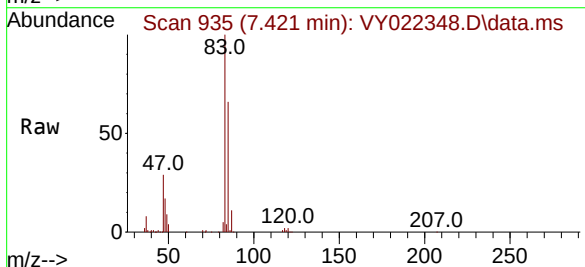
Acq: 20 May 2025 17:19

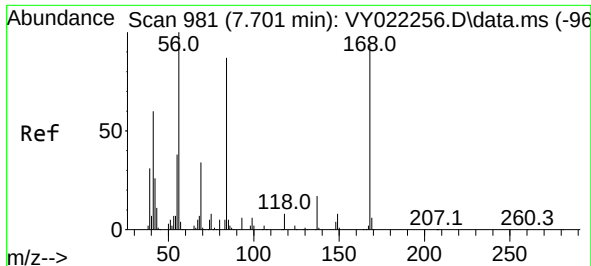
Tgt Ion: 83 Resp: 109572

Ion Ratio Lower Upper

83 100

85 65.7 51.8 77.8

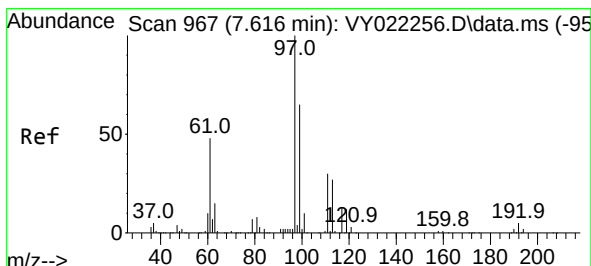
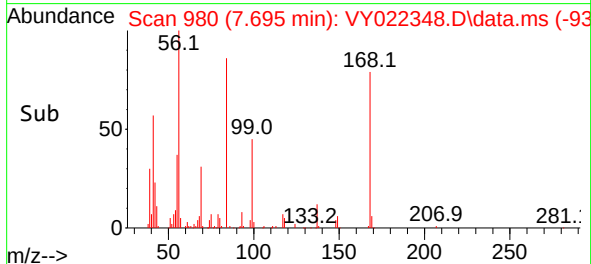
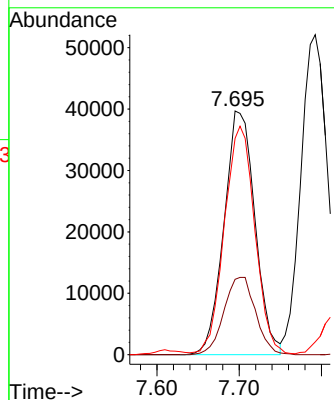
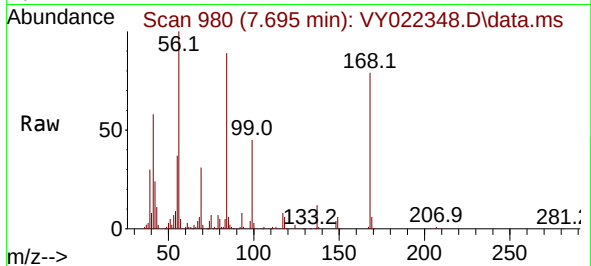




#31
Cyclohexane
Concen: 47.773 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

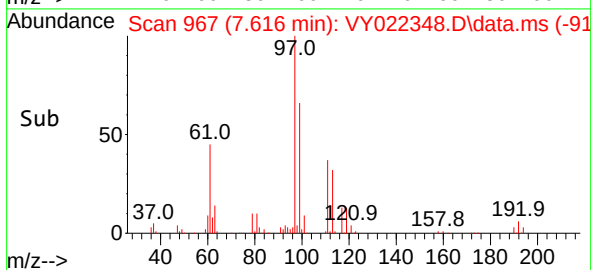
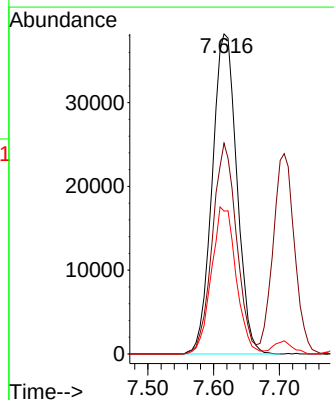
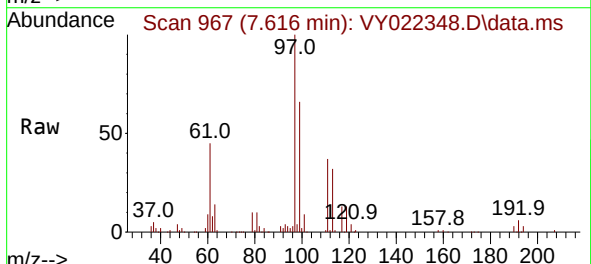
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

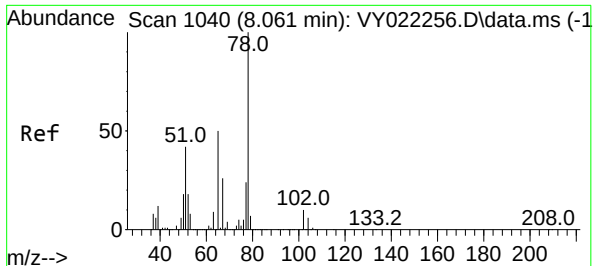
Tgt Ion: 56 Resp: 104140
Ion Ratio Lower Upper
56 100
69 30.9 27.4 41.2
84 87.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 51.953 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 97 Resp: 99747
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 46.0 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 66.548 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

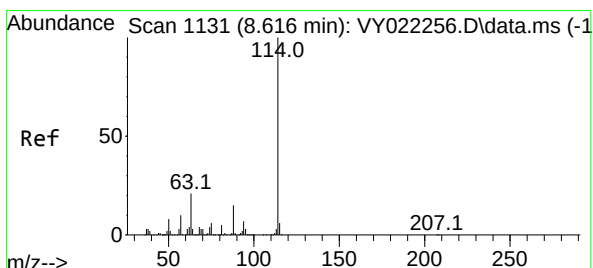
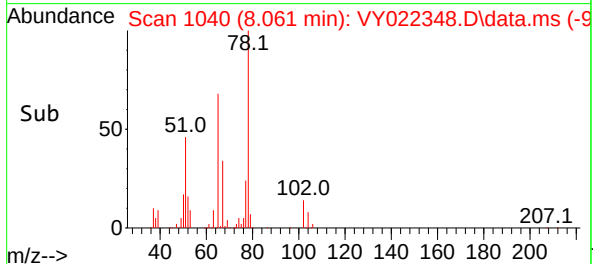
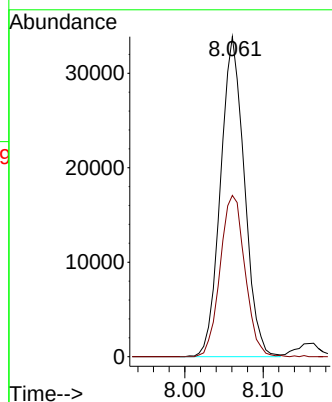
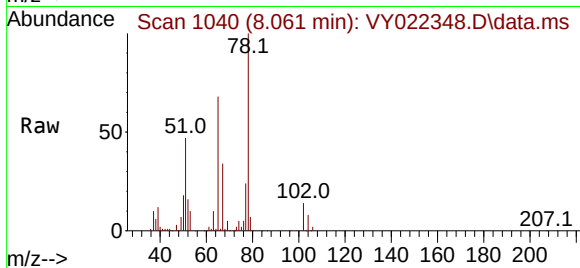
TP-24MS

Tgt Ion: 65 Resp: 71710

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

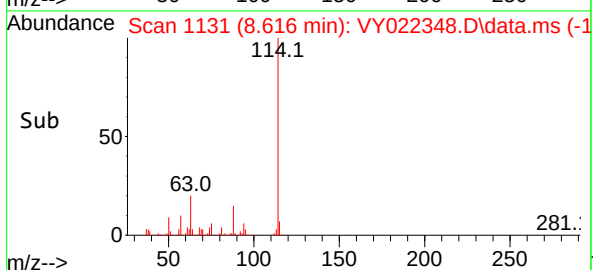
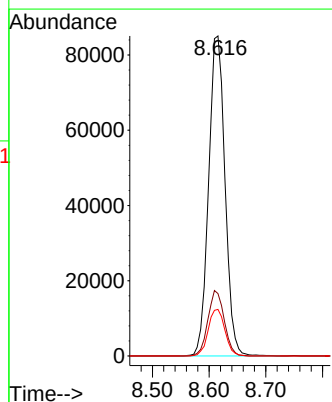
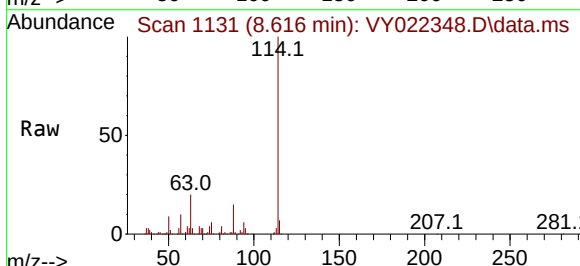
Tgt Ion:114 Resp: 170765

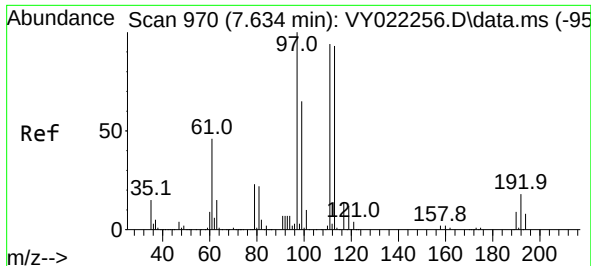
Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 14.5 0.0 29.4

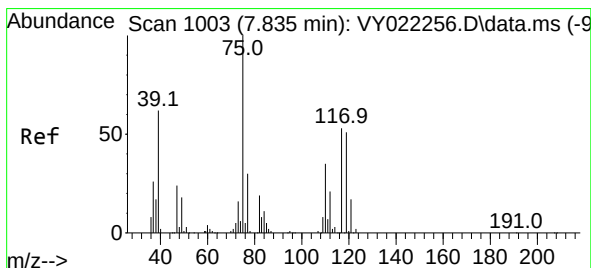
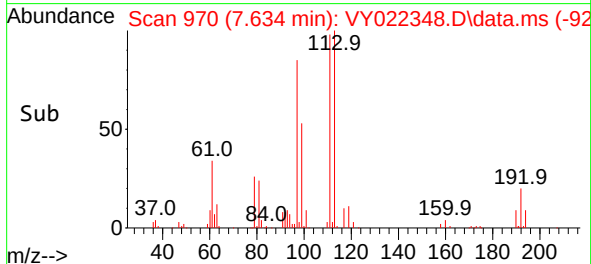
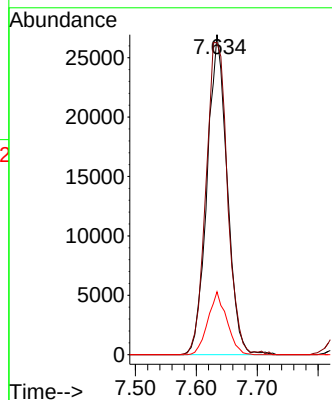
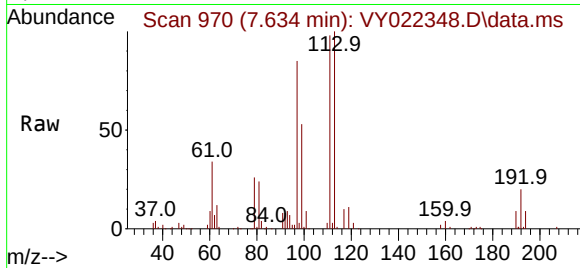




#35
Dibromofluoromethane
Concen: 60.624 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

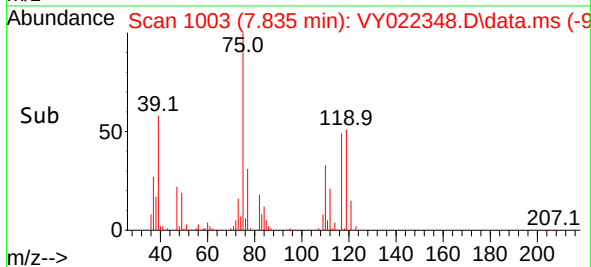
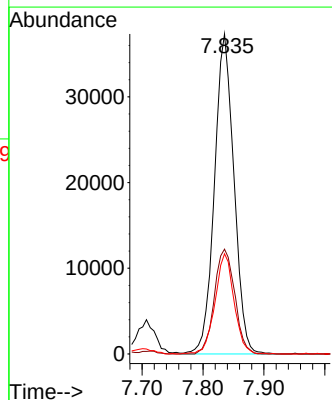
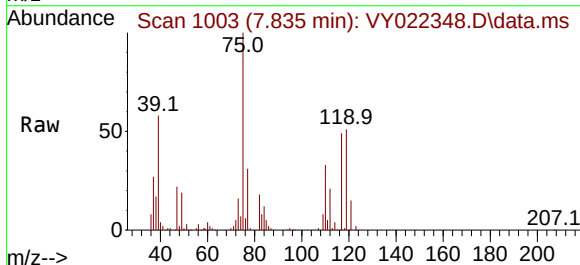
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

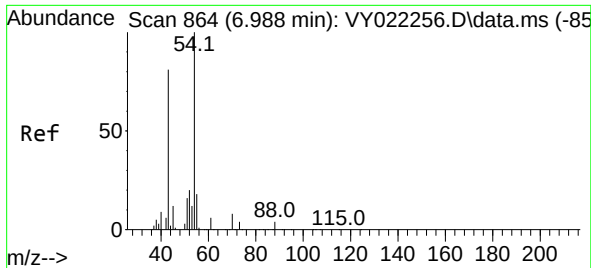
Tgt Ion:113 Resp: 61790
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 18.4 15.2 22.8



#36
1,1-Dichloropropene
Concen: 49.419 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 75 Resp: 82963
Ion Ratio Lower Upper
75 100
110 34.2 16.6 49.8
77 30.5 24.6 37.0





#37

Ethyl Acetate

Concen: 55.980 ug/l

RT: 6.982 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

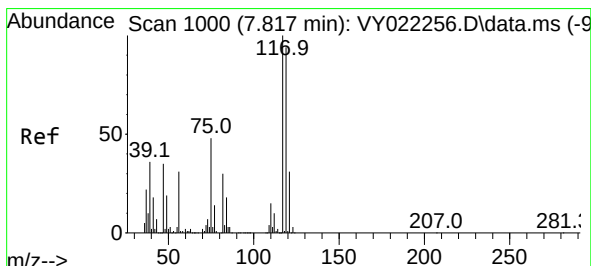
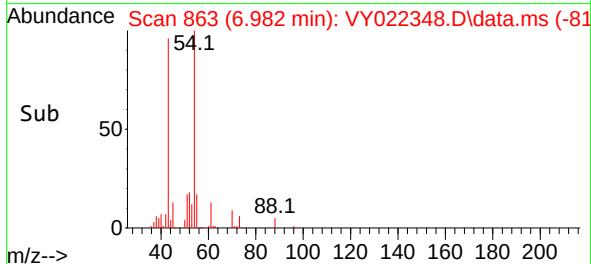
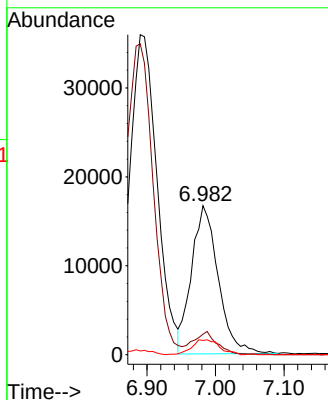
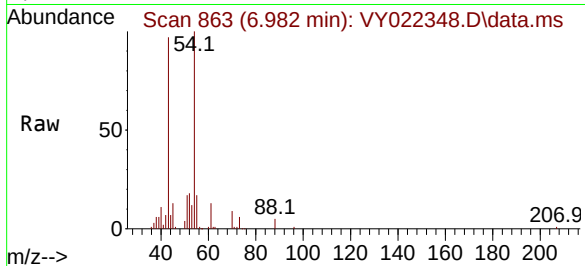
Tgt Ion: 43 Resp: 45218

Ion Ratio Lower Upper

43 100

61 13.4 10.2 15.2

70 10.3 7.6 11.4



#38

Carbon Tetrachloride

Concen: 49.137 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

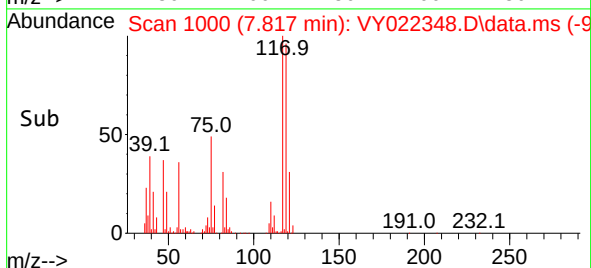
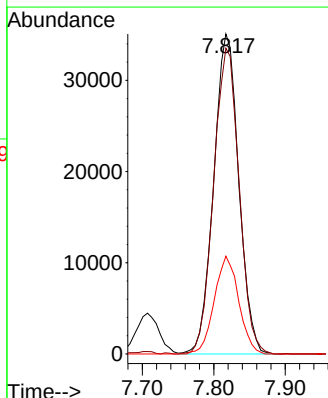
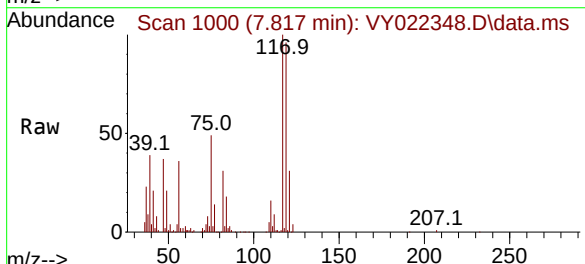
Tgt Ion: 117 Resp: 85388

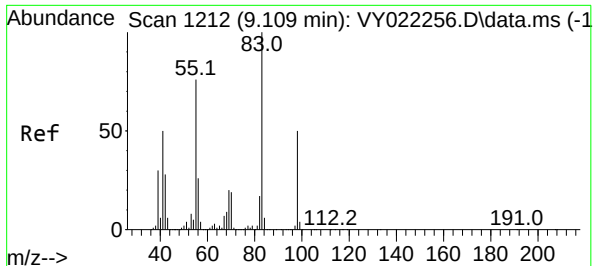
Ion Ratio Lower Upper

117 100

119 95.5 75.3 112.9

121 30.6 24.7 37.1





#39

Methylcyclohexane

Concen: 49.929 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

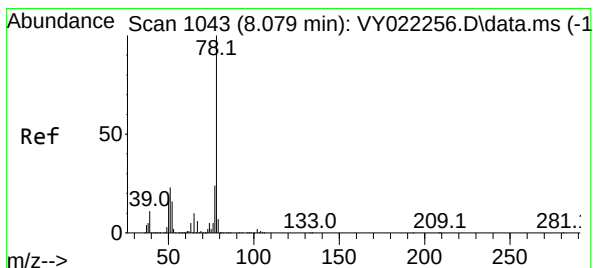
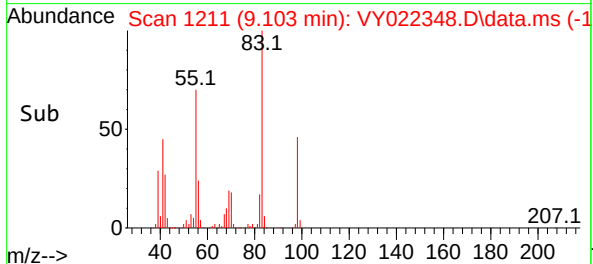
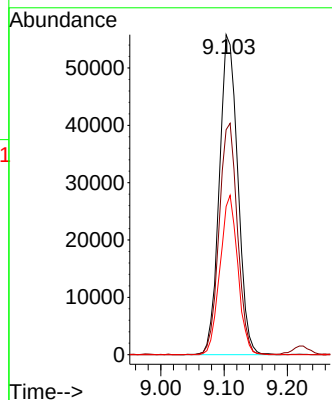
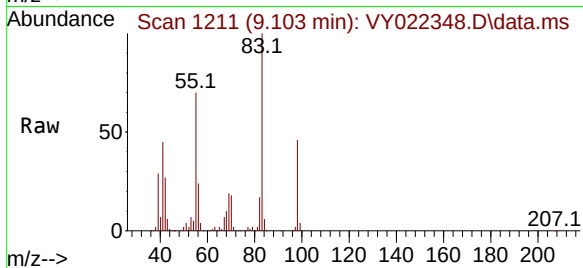
Tgt Ion: 83 Resp: 112611

Ion Ratio Lower Upper

83 100

55 70.3 60.6 90.8

98 46.3 40.0 60.0



#40

Benzene

Concen: 48.631 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY022348.D

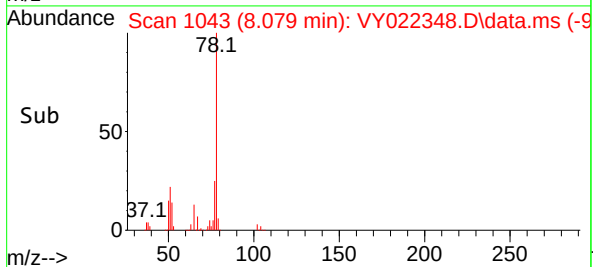
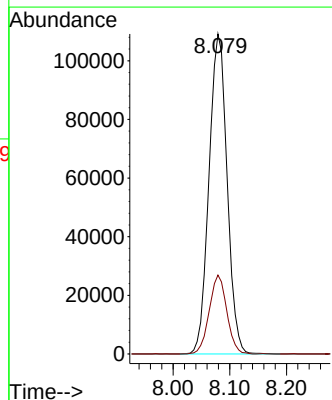
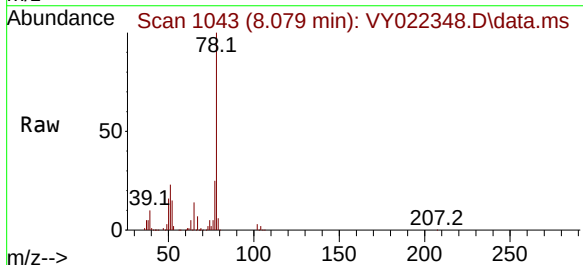
Acq: 20 May 2025 17:19

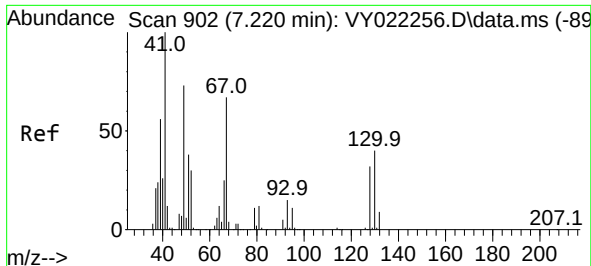
Tgt Ion: 78 Resp: 242026

Ion Ratio Lower Upper

78 100

77 24.7 18.9 28.3

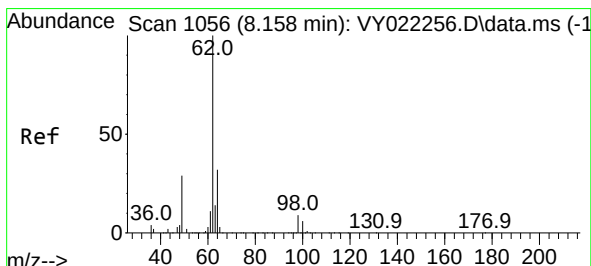
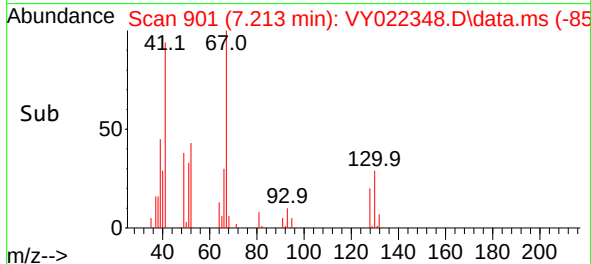
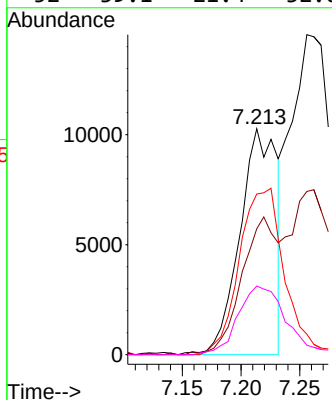
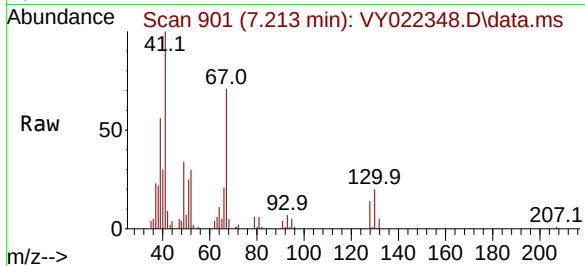




#41
Methacrylonitrile
Concen: 42.228 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

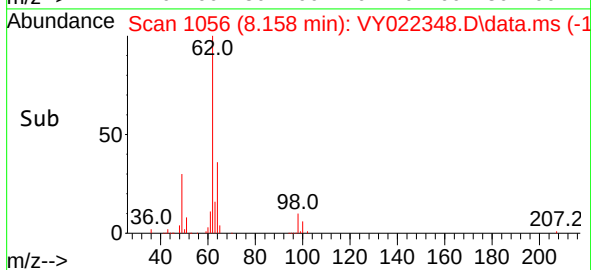
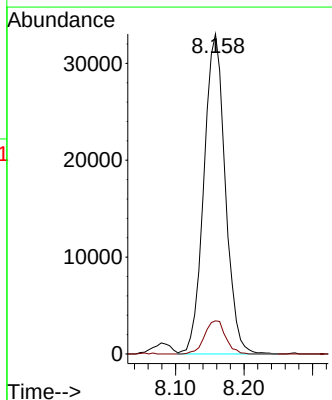
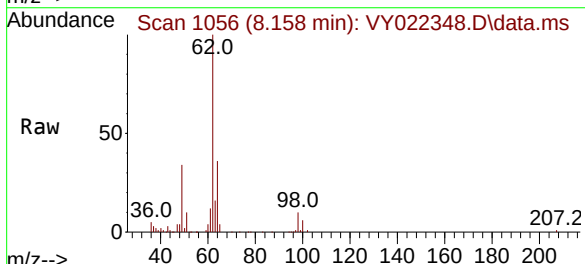
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

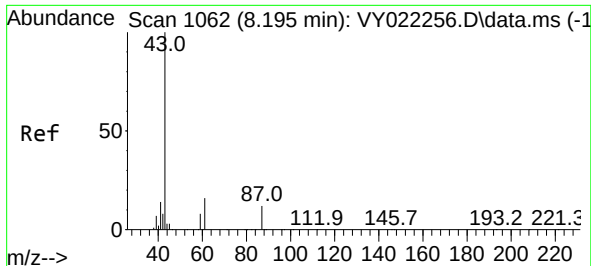
Tgt Ion: 41 Resp: 22626
Ion Ratio Lower Upper
41 100
39 58.2 39.1 58.7
67 89.3 47.1 70.7#
52 39.1 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 53.345 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 62 Resp: 71794
Ion Ratio Lower Upper
62 100
98 10.1 0.0 18.4

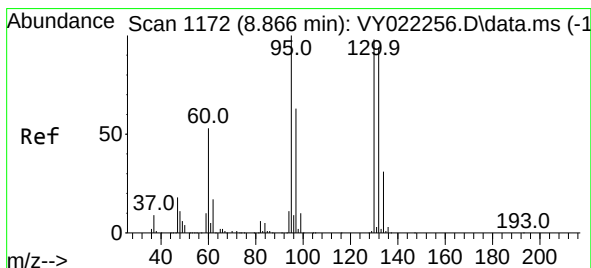
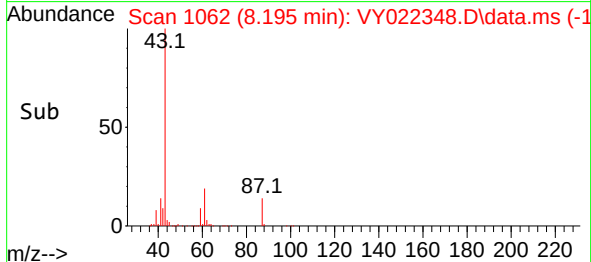
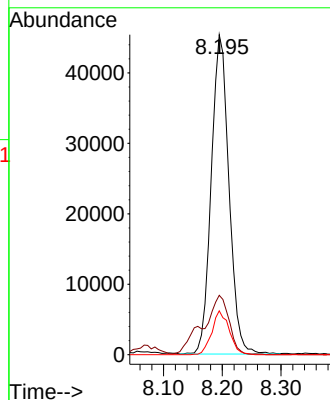
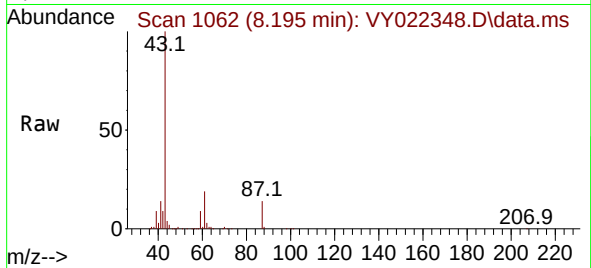




#43
Isopropyl Acetate
Concen: 53.843 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

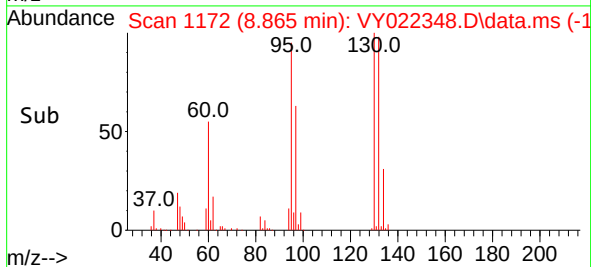
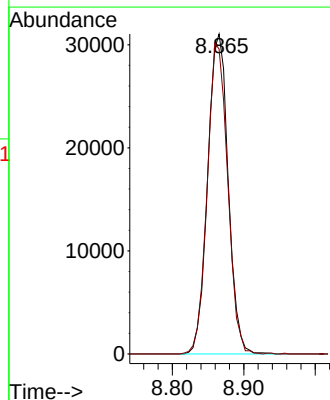
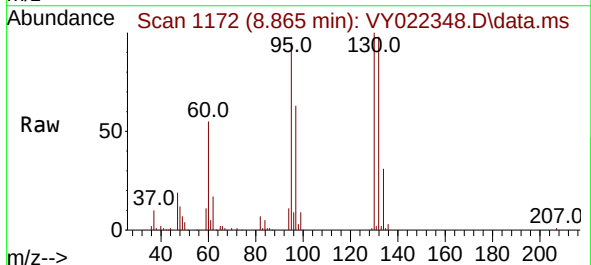
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

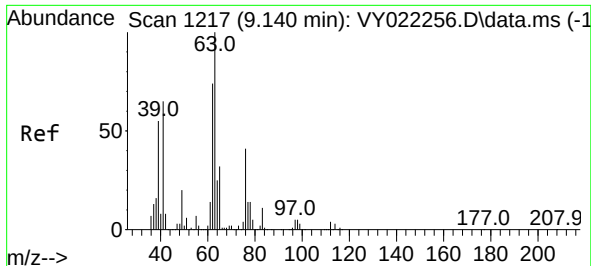
Tgt Ion: 43 Resp: 94849
Ion Ratio Lower Upper
43 100
61 20.1 15.1 22.7
87 13.5 9.7 14.5



#44
Trichloroethene
Concen: 49.840 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion:130 Resp: 61675
Ion Ratio Lower Upper
130 100
95 95.3 0.0 204.8





#45

1,2-Dichloropropane

Concen: 48.858 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

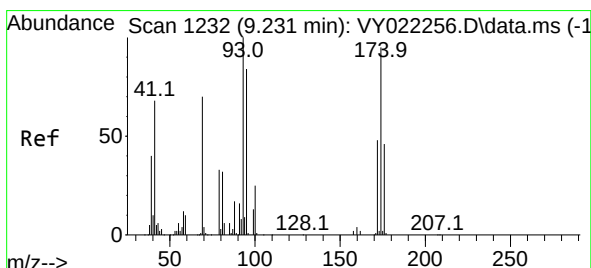
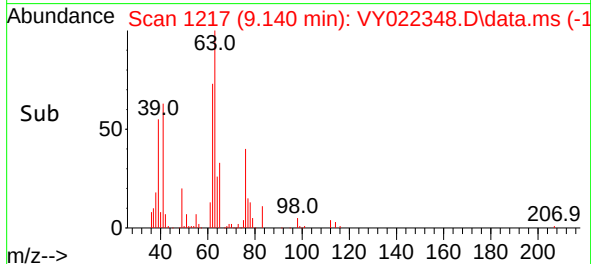
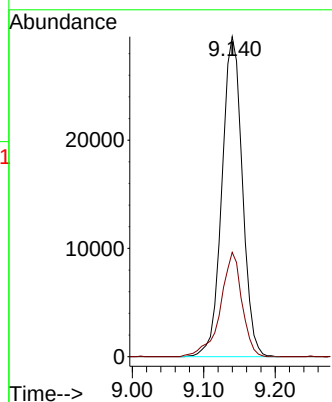
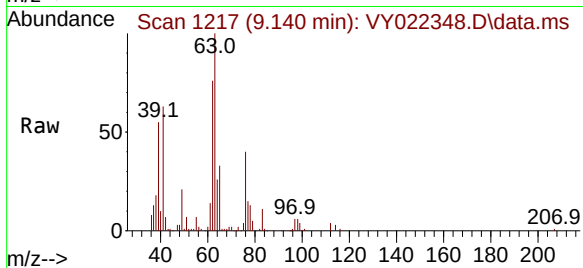
TP-24MS

Tgt Ion: 63 Resp: 58623

Ion Ratio Lower Upper

63 100

65 32.6 25.7 38.5



#46

Dibromomethane

Concen: 55.291 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

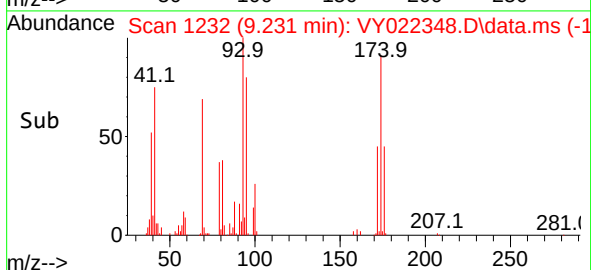
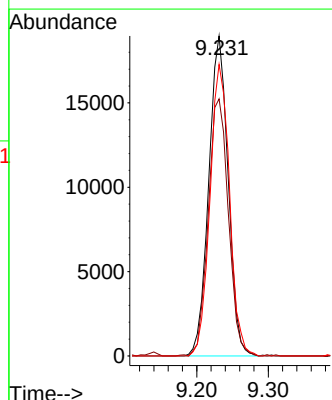
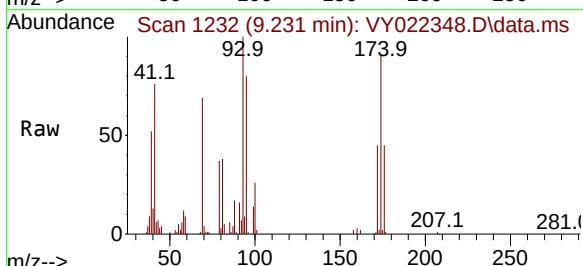
Tgt Ion: 93 Resp: 35782

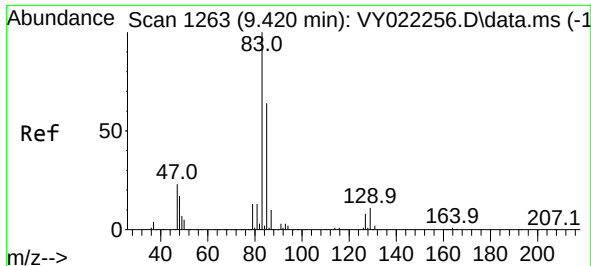
Ion Ratio Lower Upper

93 100

95 83.6 65.2 97.8

174 91.6 74.3 111.5

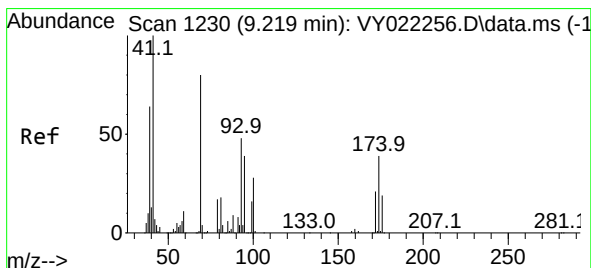
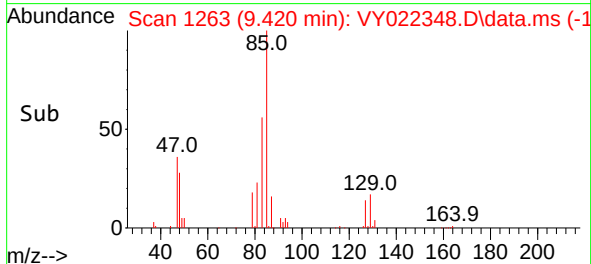
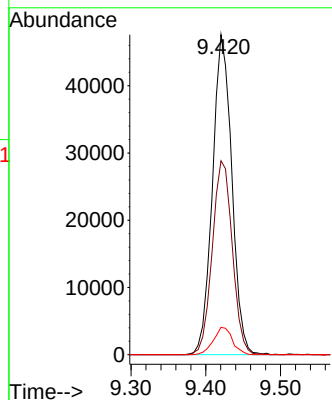
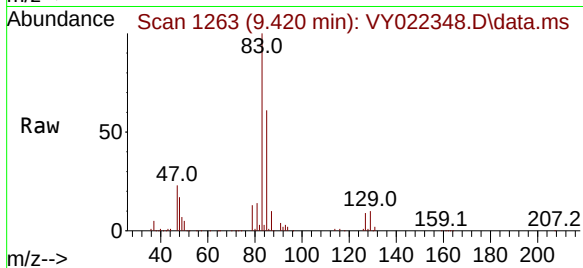




#47
Bromodichloromethane
Concen: 50.982 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

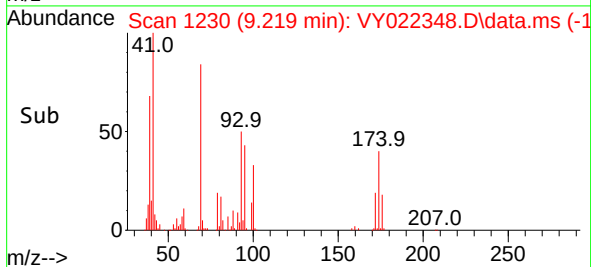
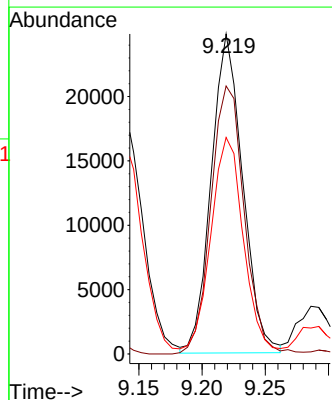
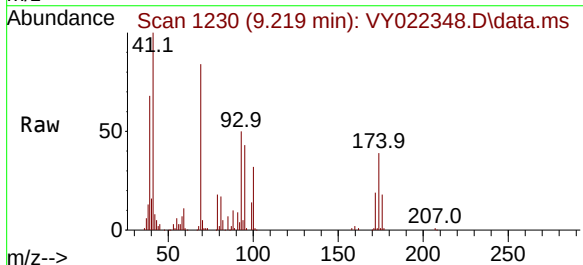
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

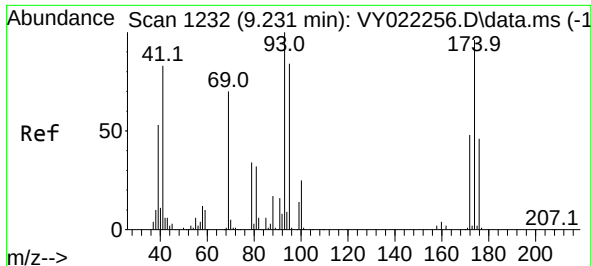
Tgt Ion: 83 Resp: 85593
Ion Ratio Lower Upper
83 100
85 60.6 51.1 76.7
127 8.5 6.6 10.0



#48
Methyl methacrylate
Concen: 52.118 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 41 Resp: 42936
Ion Ratio Lower Upper
41 100
69 88.8 63.5 95.3
39 67.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1247.863 ug/l

RT: 9.237 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

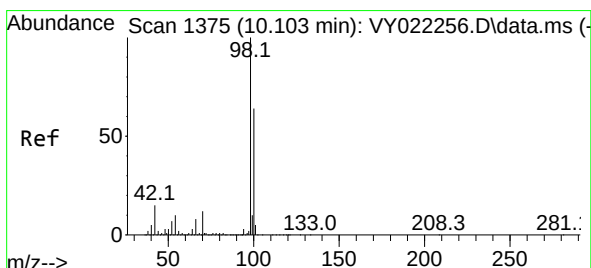
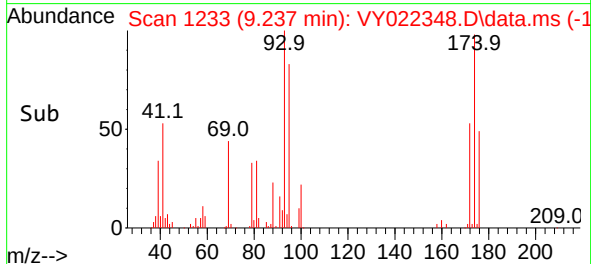
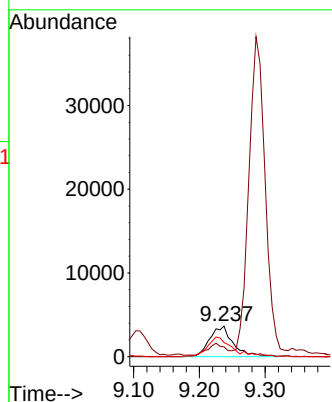
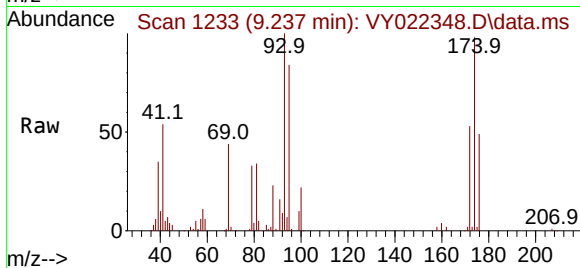
Tgt Ion: 88 Resp: 9123

Ion Ratio Lower Upper

88 100

43 28.5 28.5 42.7#

58 68.3 61.4 92.2



#50

Toluene-d8

Concen: 59.221 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY022348.D

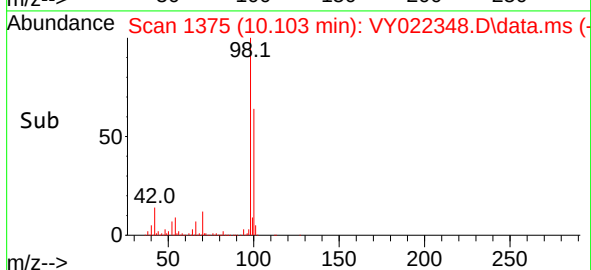
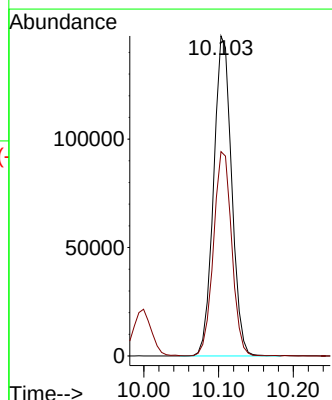
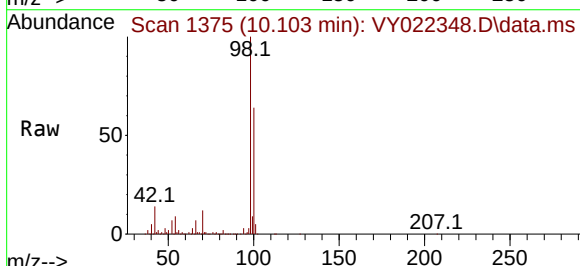
Acq: 20 May 2025 17:19

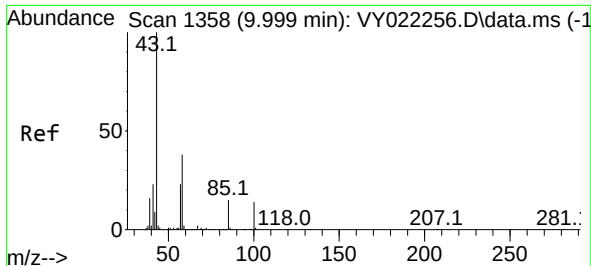
Tgt Ion: 98 Resp: 247206

Ion Ratio Lower Upper

98 100

100 64.5 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 277.314 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. -0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

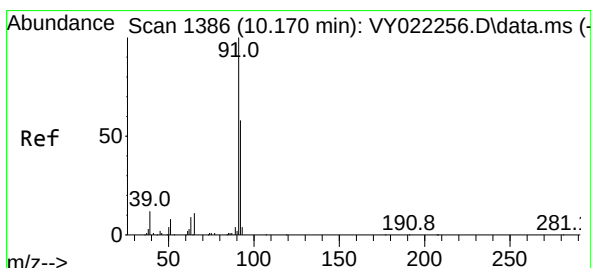
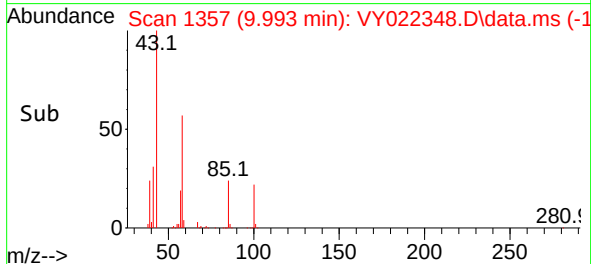
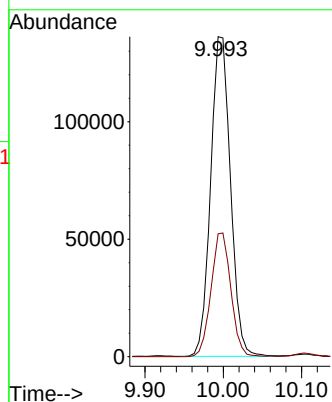
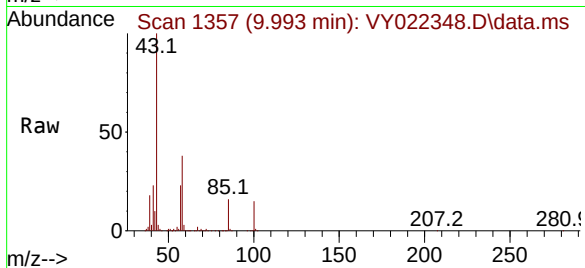
TP-24MS

Tgt Ion: 43 Resp: 239701

Ion Ratio Lower Upper

43 100

58 38.7 29.4 44.2



#52

Toluene

Concen: 48.318 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY022348.D

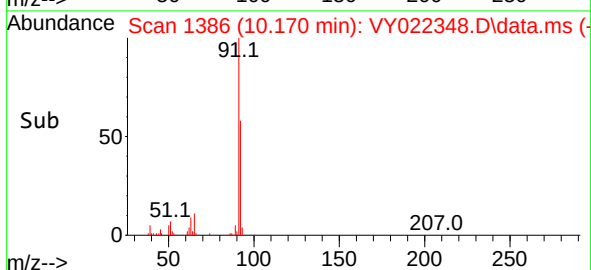
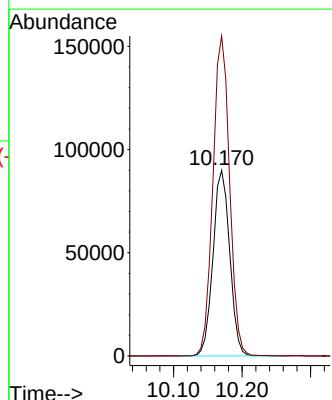
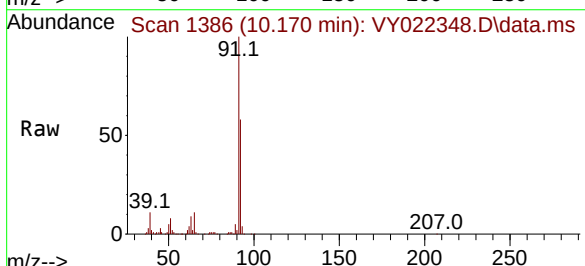
Acq: 20 May 2025 17:19

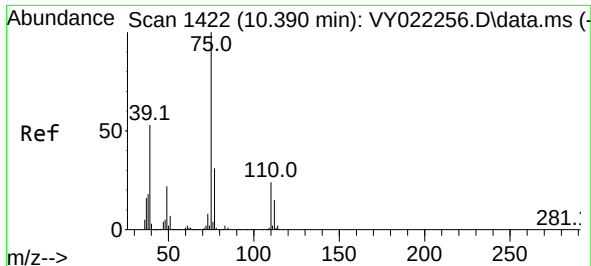
Tgt Ion: 92 Resp: 152272

Ion Ratio Lower Upper

92 100

91 172.0 139.1 208.7

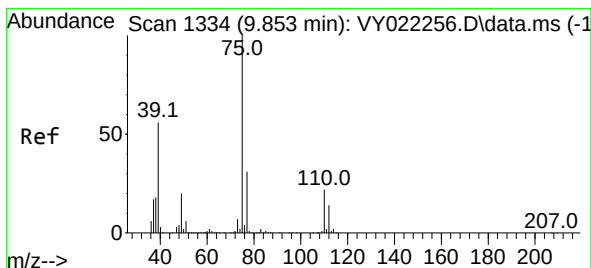
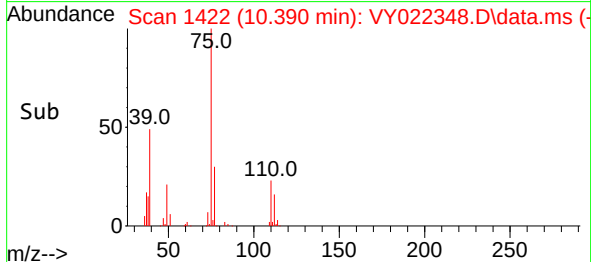
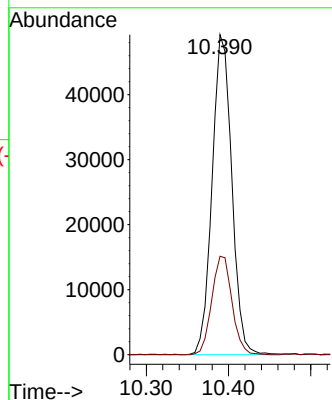
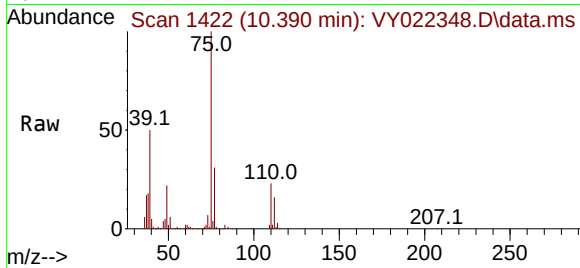




#53
 t-1,3-Dichloropropene
 Concen: 49.903 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

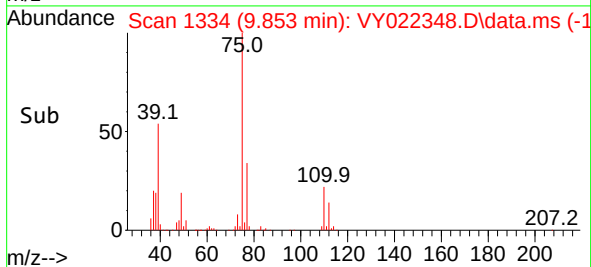
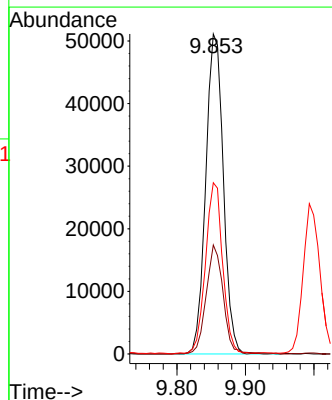
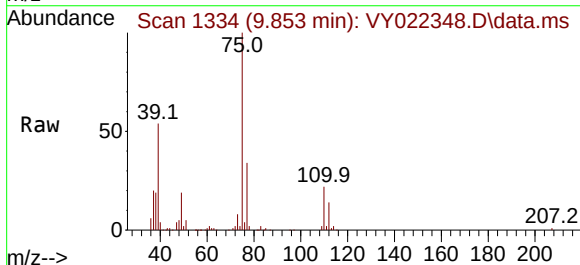
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

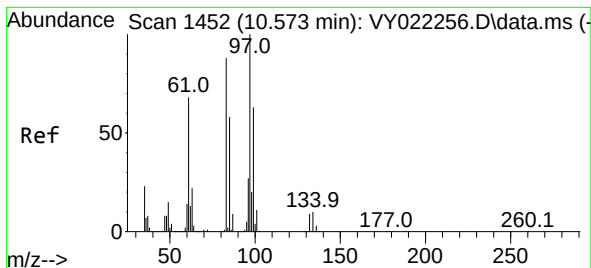
Tgt Ion: 75 Resp: 81763
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.740 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

Tgt Ion: 75 Resp: 91494
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.1 37.7
 39 53.3 44.5 66.7

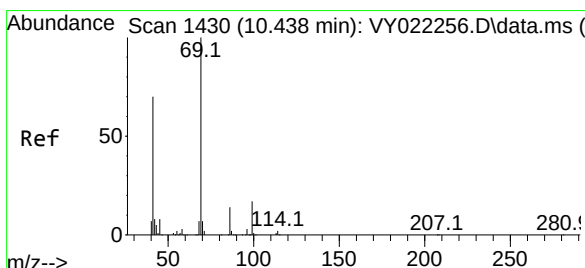
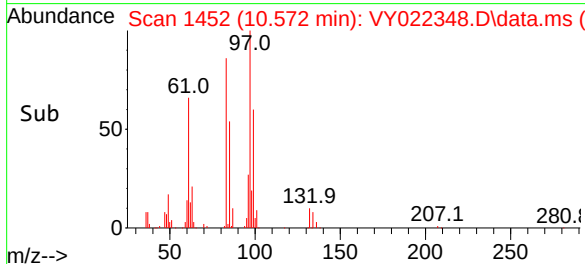
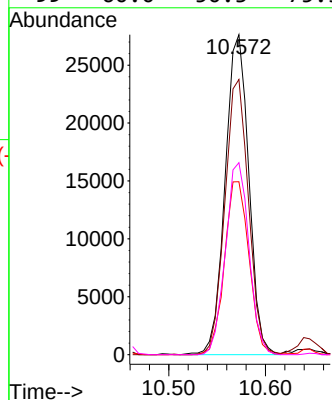
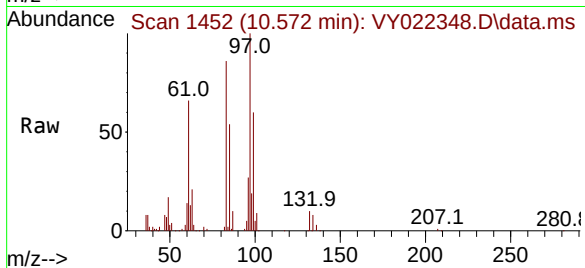




#55
 1,1,2-Trichloroethane
 Concen: 56.539 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

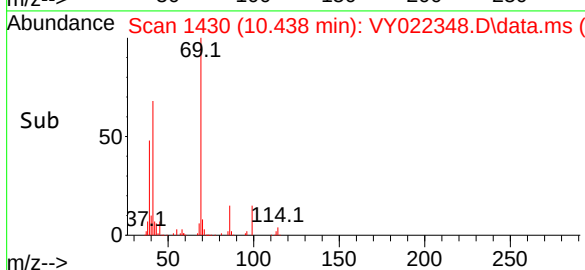
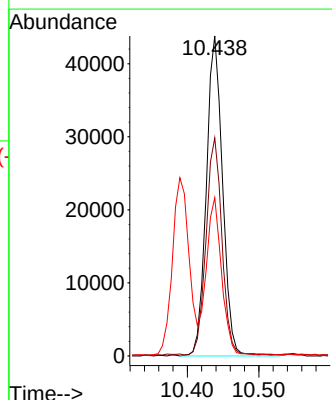
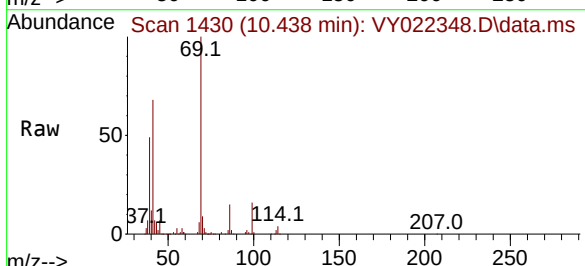
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

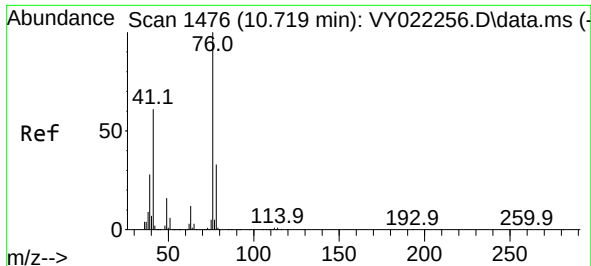
Tgt Ion:	97	Resp:	46854
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.3	105.5
85	54.0	46.2	69.4
99	60.0	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 53.668 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

Tgt Ion:	69	Resp:	69278
Ion	Ratio	Lower	Upper
69	100		
41	65.9	56.5	84.7
39	46.5	37.1	55.7





#57

1,3-Dichloropropane

Concen: 55.125 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

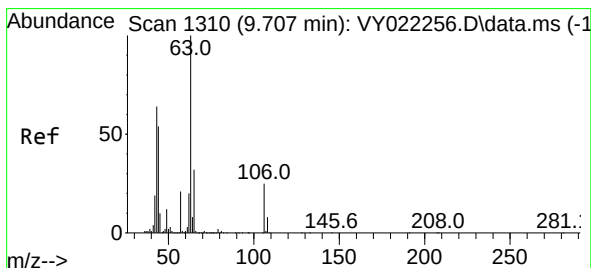
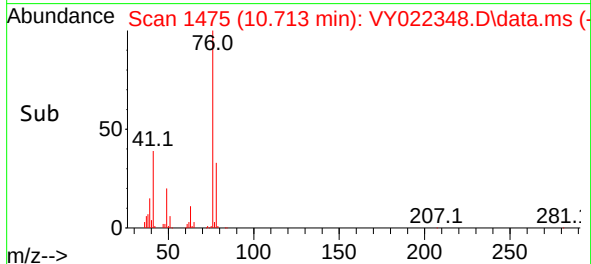
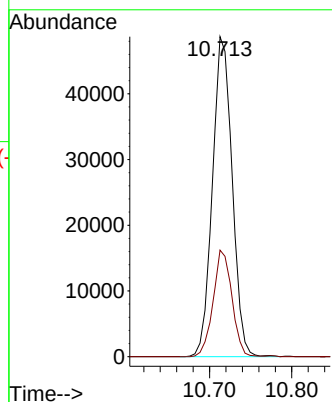
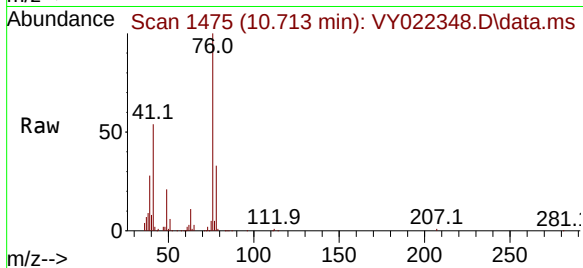
TP-24MS

Tgt Ion: 76 Resp: 81165

Ion Ratio Lower Upper

76 100

78 31.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 286.673 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY022348.D

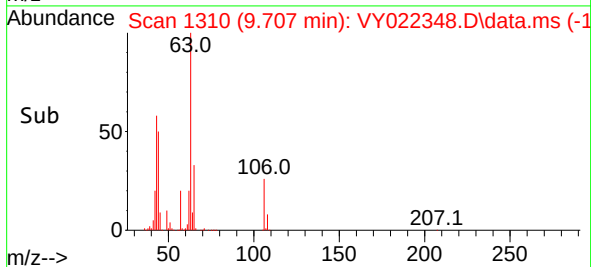
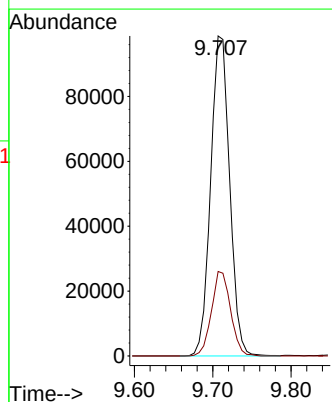
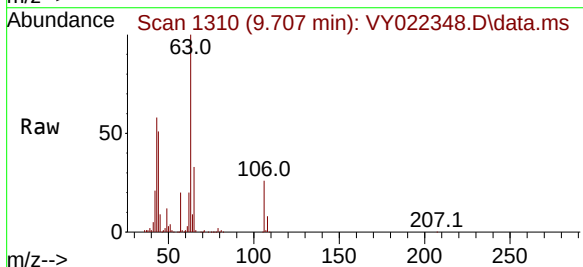
Acq: 20 May 2025 17:19

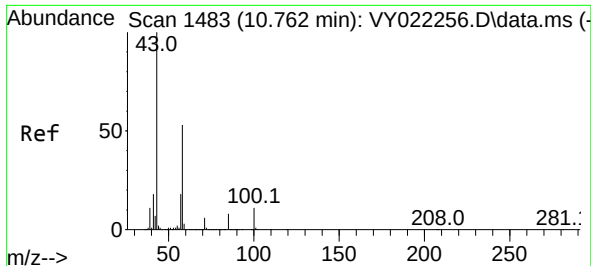
Tgt Ion: 63 Resp: 166099

Ion Ratio Lower Upper

63 100

106 26.5 21.0 31.4

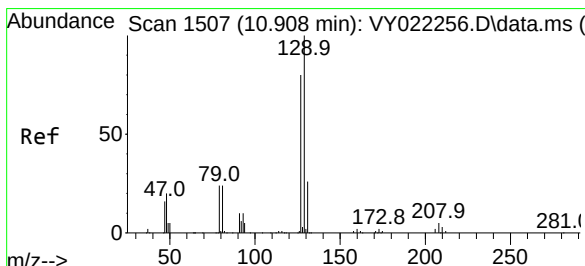
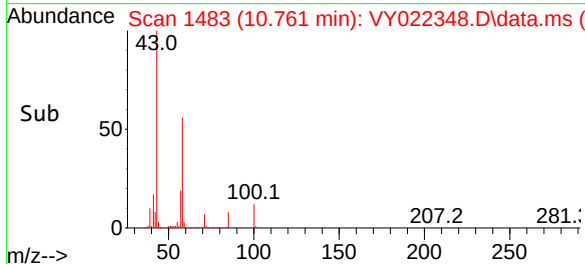
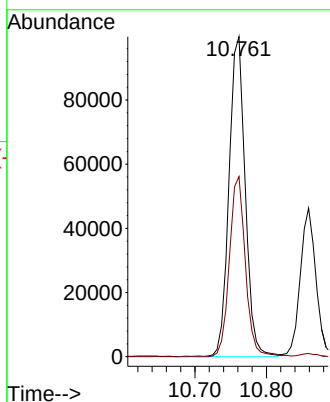
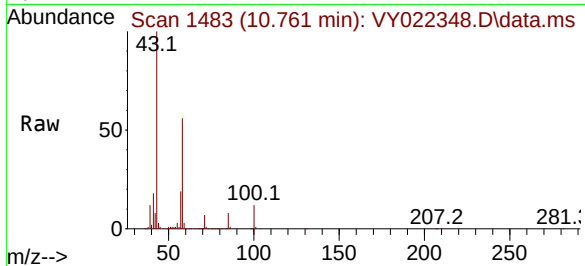




#59
2-Hexanone
Concen: 271.568 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

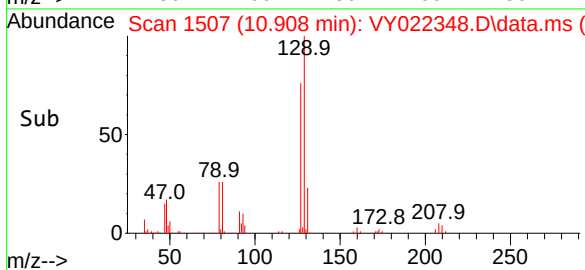
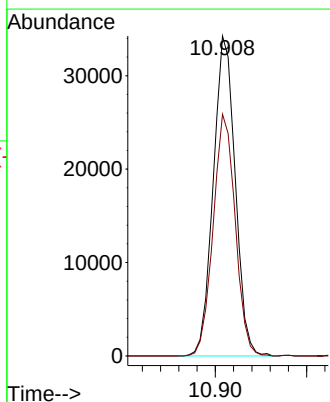
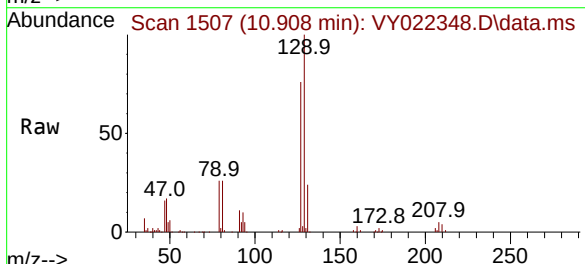
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

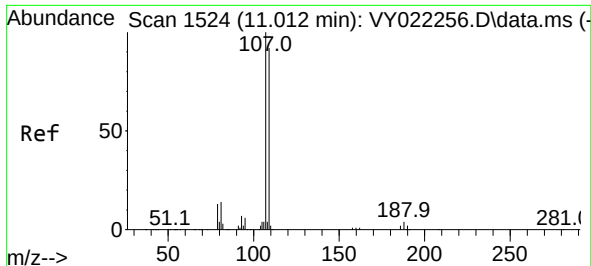
Tgt Ion: 43 Resp: 157385
Ion Ratio Lower Upper
43 100
58 55.4 26.1 78.3



#60
Dibromochloromethane
Concen: 53.046 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion:129 Resp: 57057
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.7

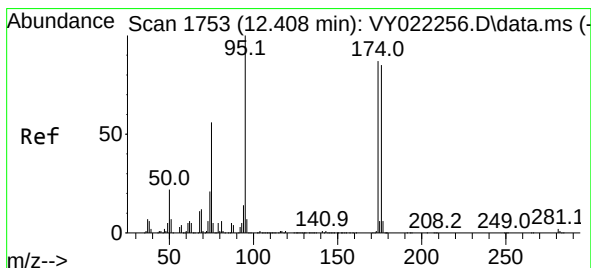
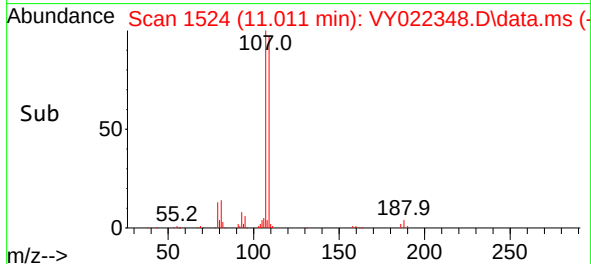
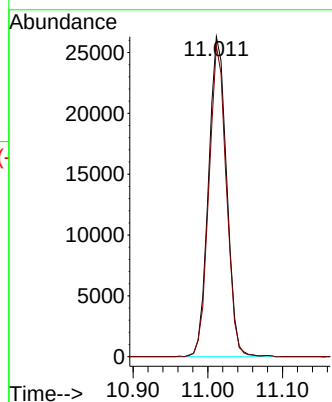
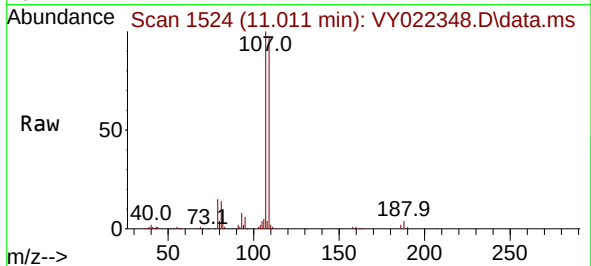




#61
1,2-Dibromoethane
Concen: 57.209 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

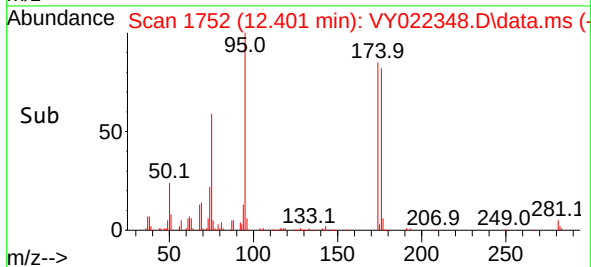
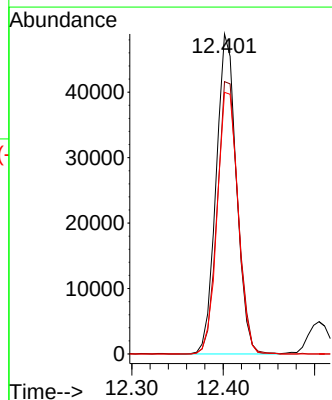
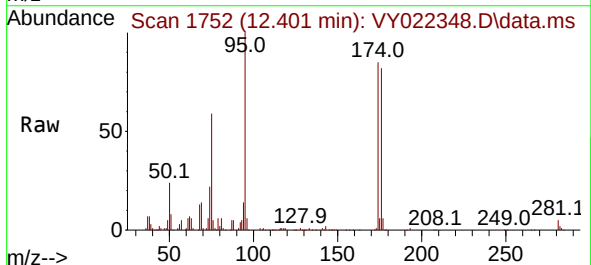
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

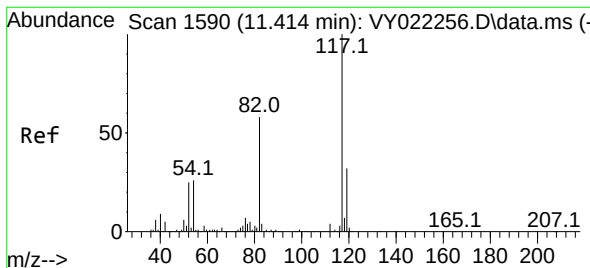
Tgt Ion:107 Resp: 44187
Ion Ratio Lower Upper
107 100
109 93.9 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 56.975 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 95 Resp: 75384
Ion Ratio Lower Upper
95 100
174 86.9 0.0 166.8
176 84.3 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

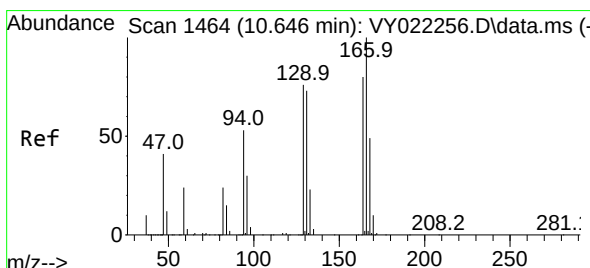
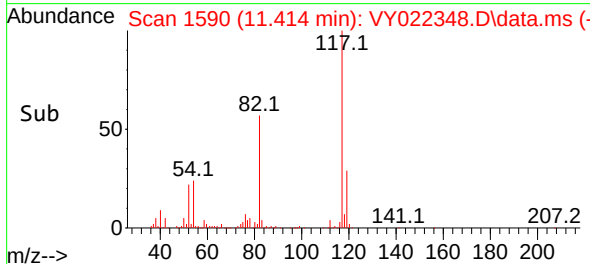
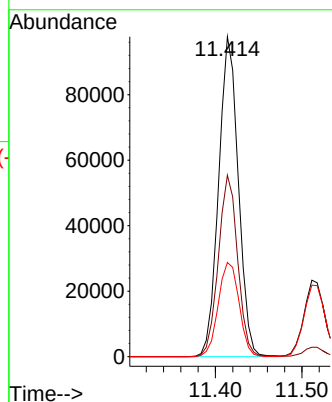
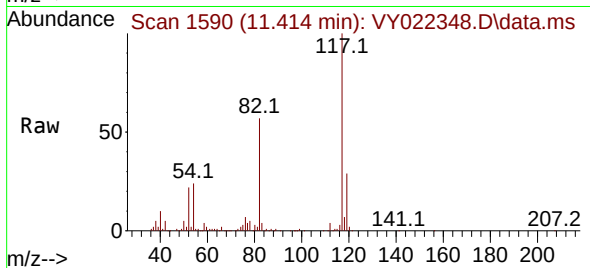
Tgt Ion:117 Resp: 154458

Ion Ratio Lower Upper

117 100

82 56.7 46.6 70.0

119 29.4 25.8 38.6



#64

Tetrachloroethene

Concen: 47.319 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Tgt Ion:164 Resp: 67556

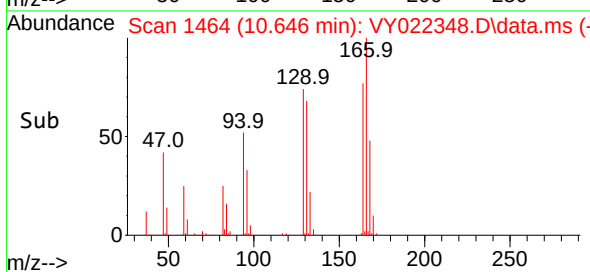
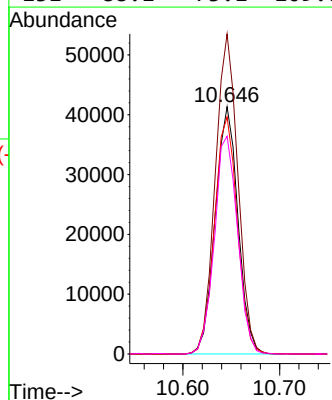
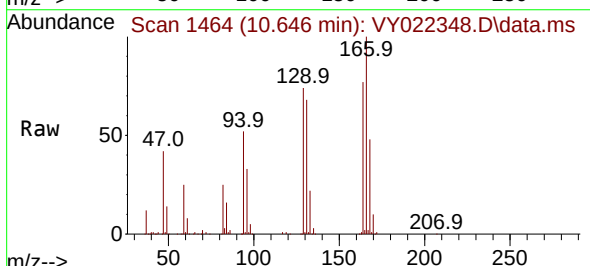
Ion Ratio Lower Upper

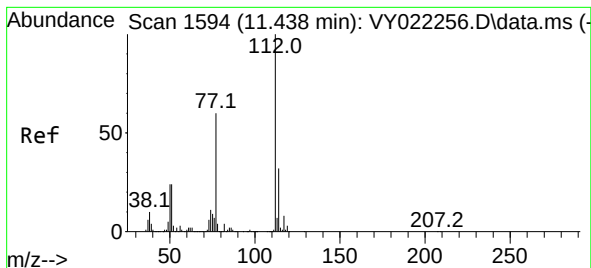
164 100

166 129.5 100.4 150.6

129 95.9 76.4 114.6

131 88.1 73.1 109.7





#65

Chlorobenzene

Concen: 44.966 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

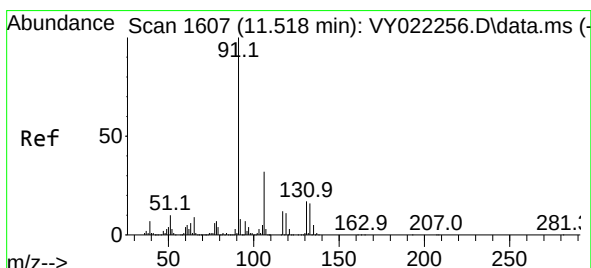
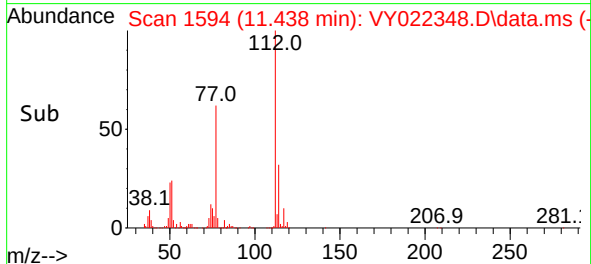
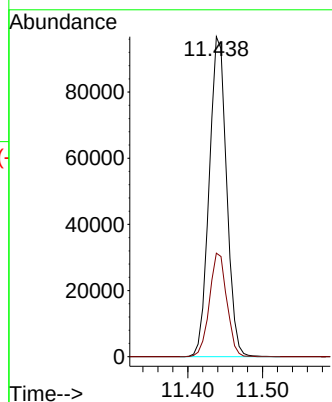
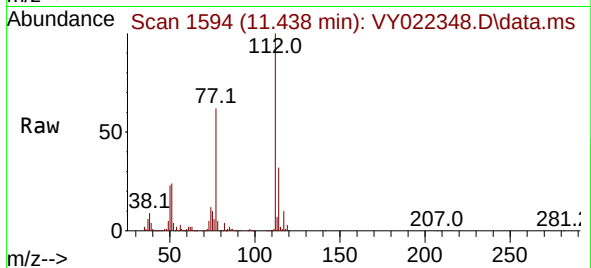
TP-24MS

Tgt Ion:112 Resp: 156693

Ion Ratio Lower Upper

112 100

114 32.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 46.258 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

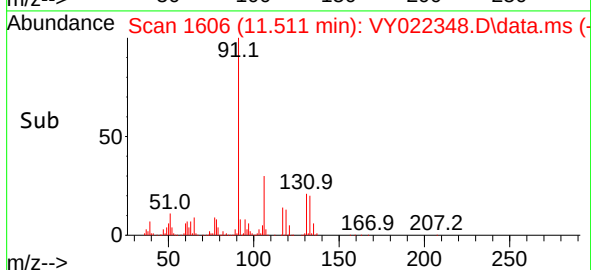
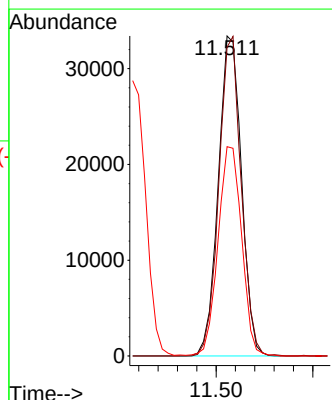
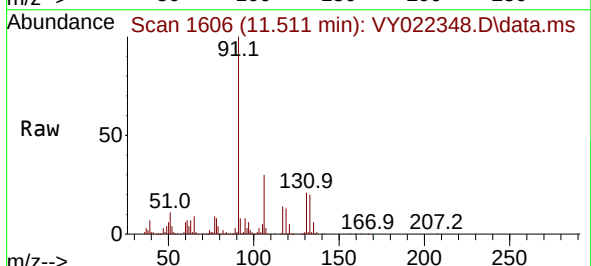
Tgt Ion:131 Resp: 55417

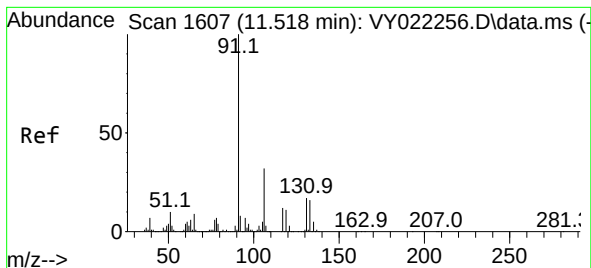
Ion Ratio Lower Upper

131 100

133 96.2 47.3 141.9

119 66.7 33.1 99.2

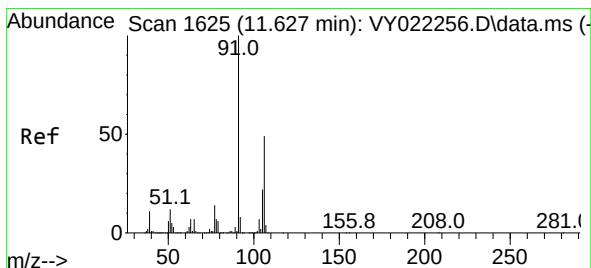
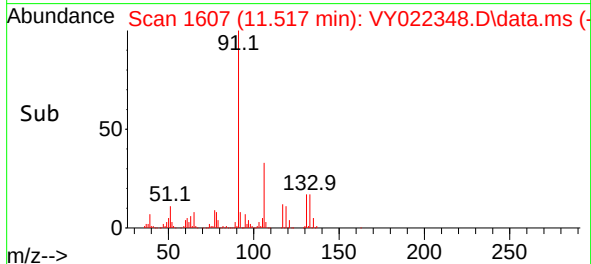
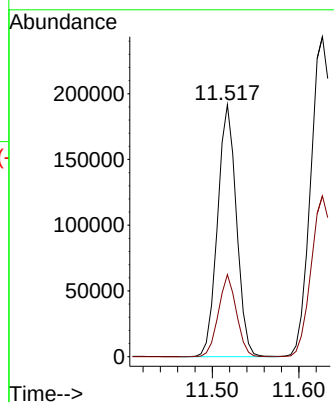
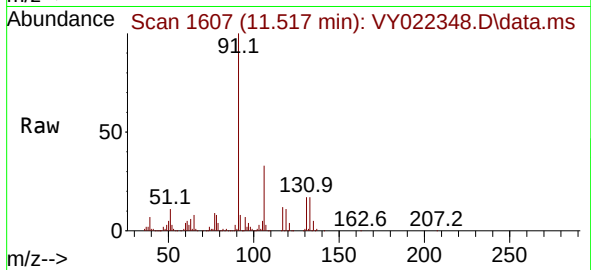




#67
Ethyl Benzene
Concen: 44.408 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

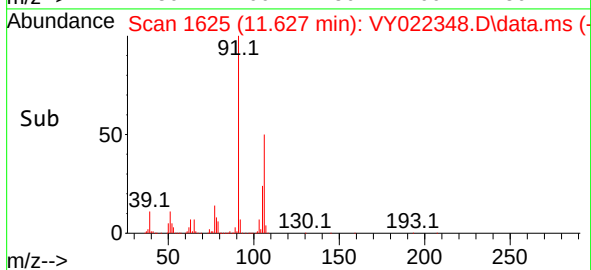
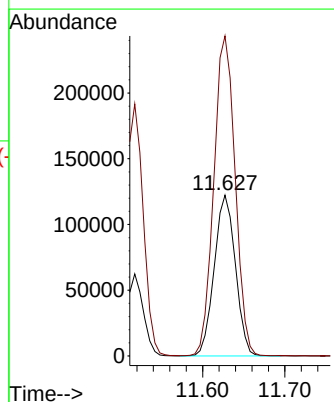
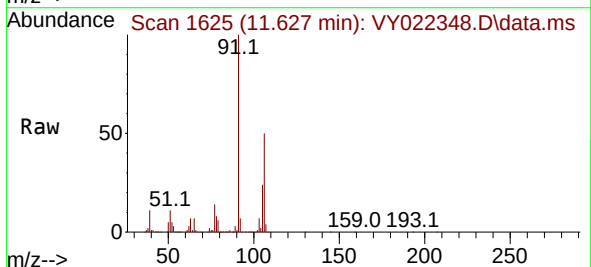
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

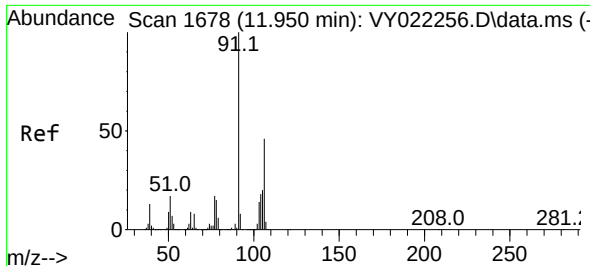
Tgt Ion: 91 Resp: 289818
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.0



#68
m/p-Xylenes
Concen: 88.880 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion:106 Resp: 218571
Ion Ratio Lower Upper
106 100
91 200.4 163.0 244.4

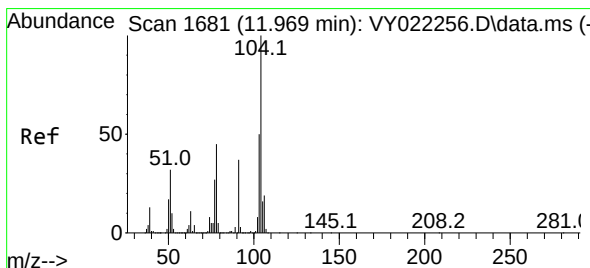
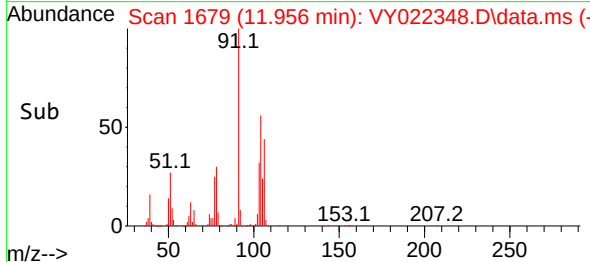
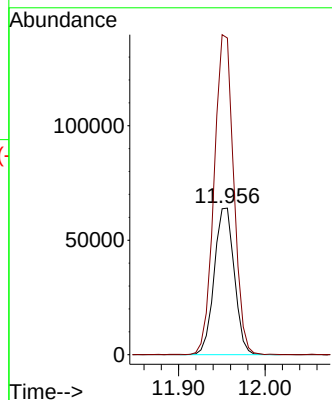
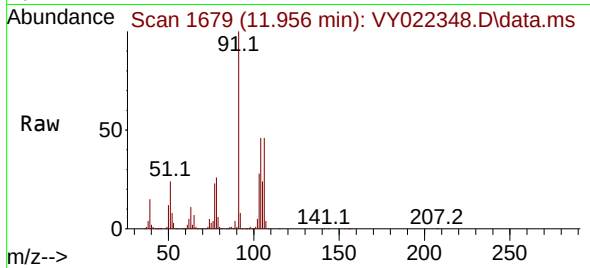




#69
o-Xylene
Concen: 44.383 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

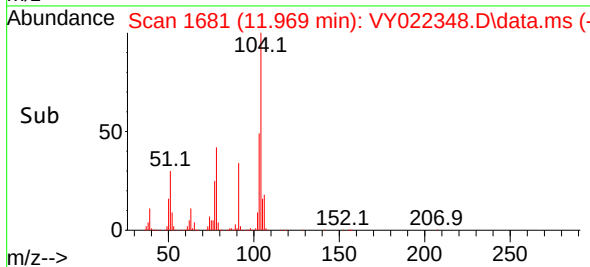
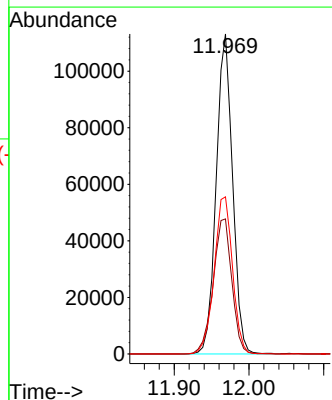
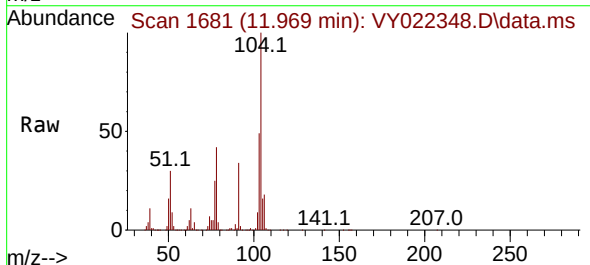
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

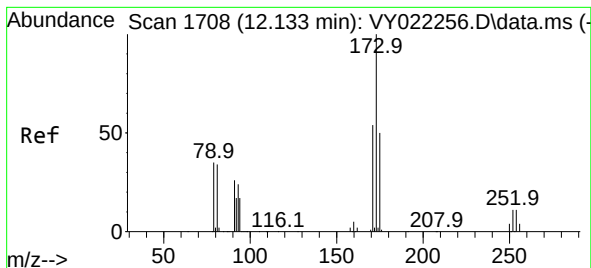
Tgt Ion:106 Resp: 103265
Ion Ratio Lower Upper
106 100
91 212.7 108.3 324.8



#70
Styrene
Concen: 43.934 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion:104 Resp: 172431
Ion Ratio Lower Upper
104 100
78 48.3 40.9 61.3
103 55.1 43.7 65.5





#71

Bromoform

Concen: 50.101 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

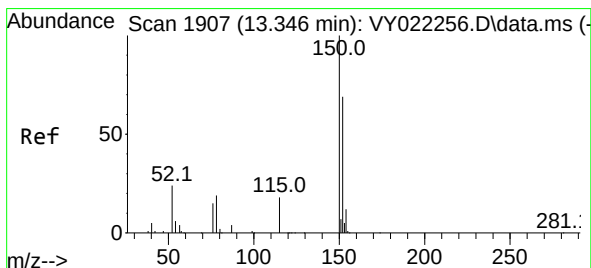
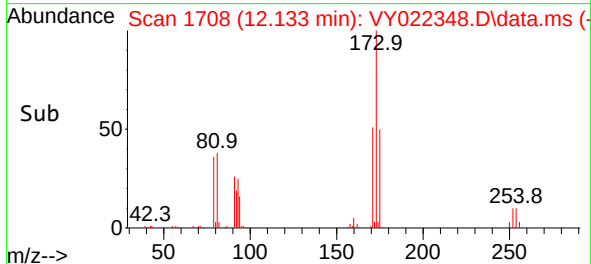
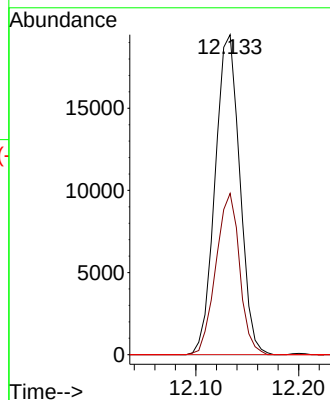
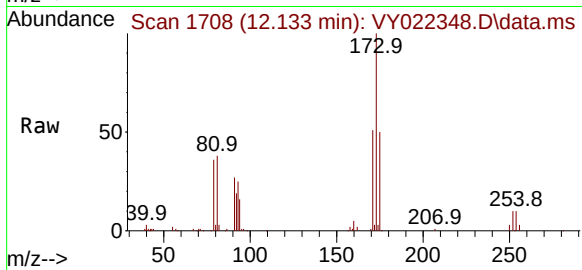
Tgt Ion:173 Resp: 32396

Ion Ratio Lower Upper

173 100

175 48.6 24.7 74.1

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

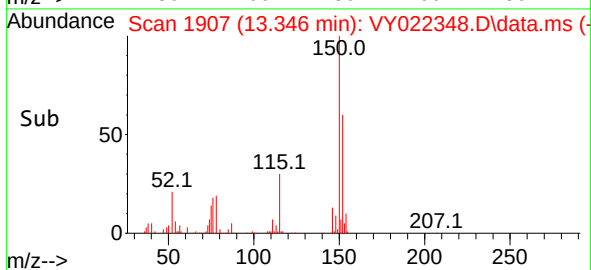
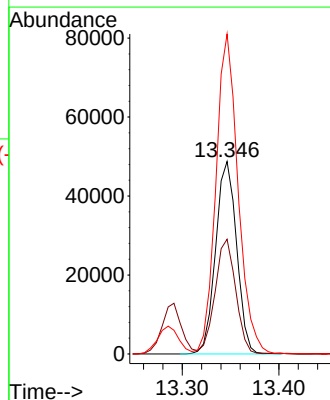
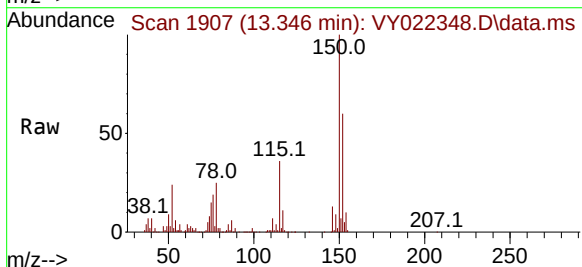
Tgt Ion:152 Resp: 73453

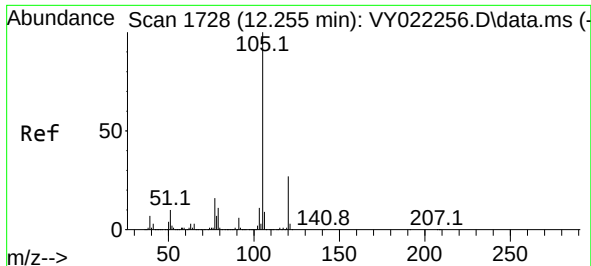
Ion Ratio Lower Upper

152 100

115 58.3 29.4 88.2

150 175.6 0.0 353.8

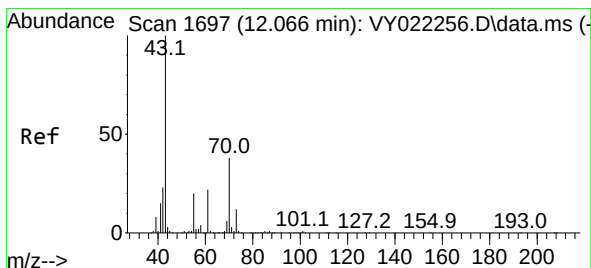
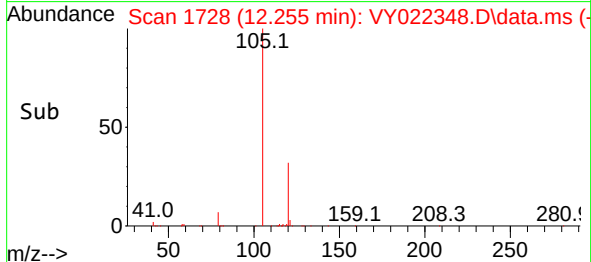
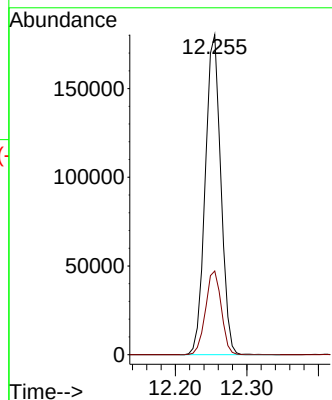
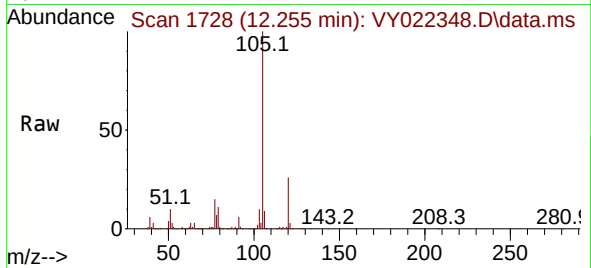




#73
Isopropylbenzene
Concen: 44.775 ug/l
RT: 12.255 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

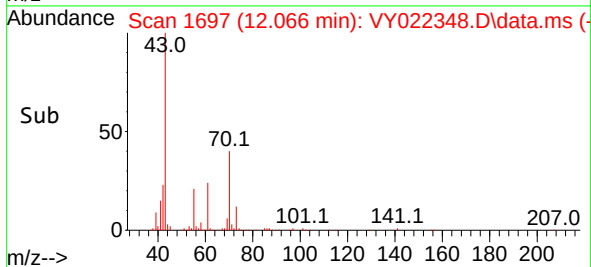
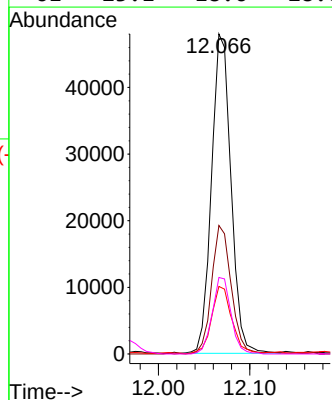
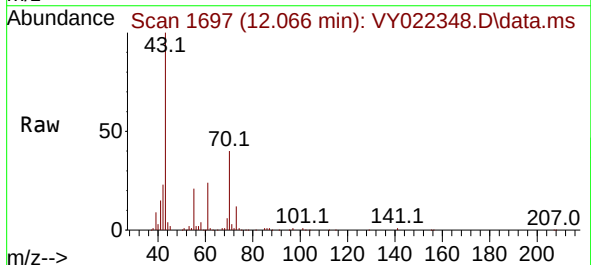
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

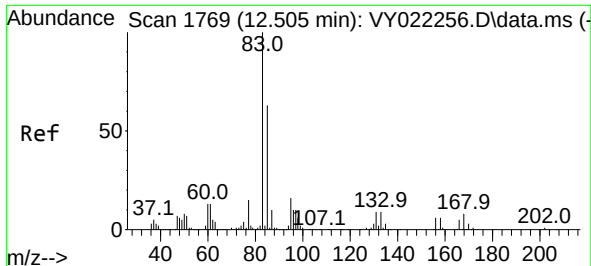
Tgt Ion:105 Resp: 272467
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 40.637 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 43 Resp: 70724
Ion Ratio Lower Upper
43 100
70 40.5 31.4 47.0
55 21.7 17.0 25.6
61 23.1 18.6 28.0

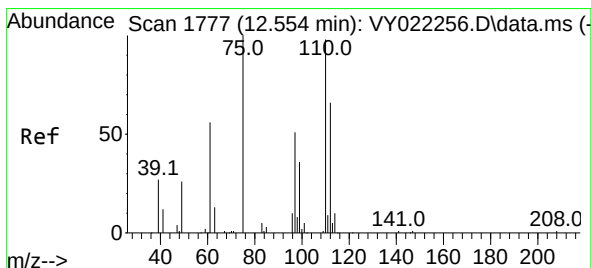
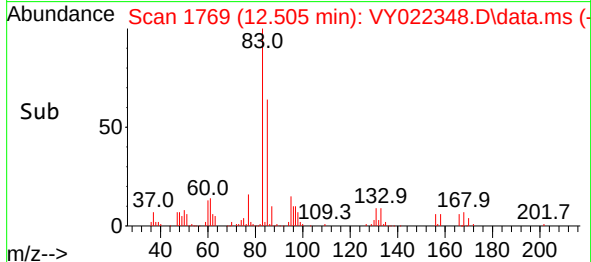
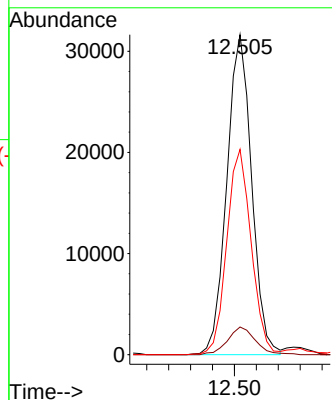
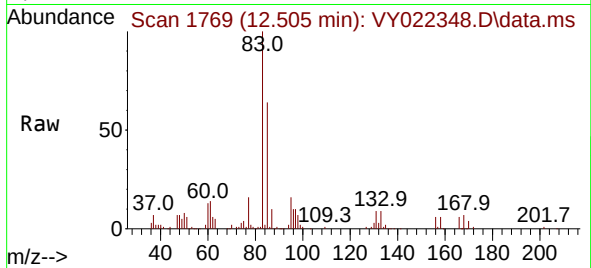




#75
1,1,2,2-Tetrachloroethane
Concen: 53.217 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

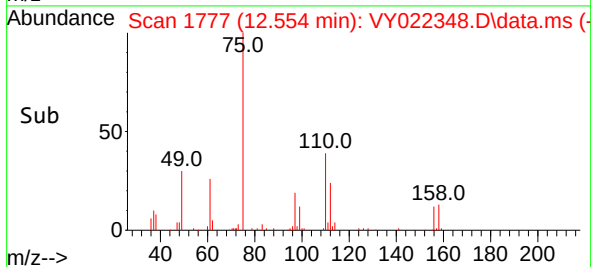
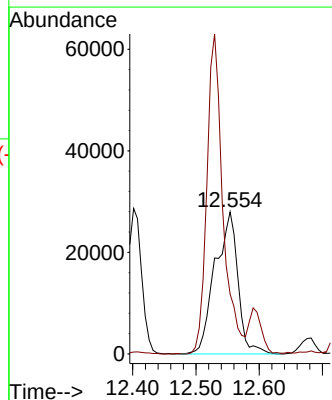
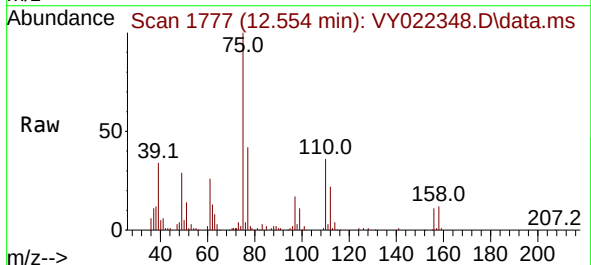
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

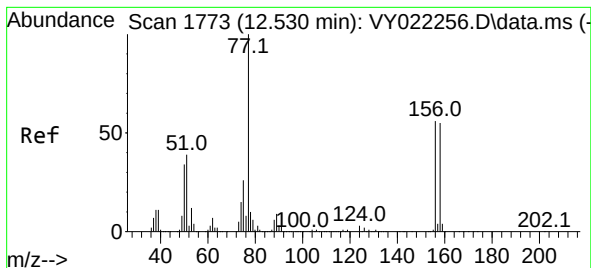
Tgt Ion: 83 Resp: 49803
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.7
85 63.2 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 94.221 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 75 Resp: 70115
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 45.427 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

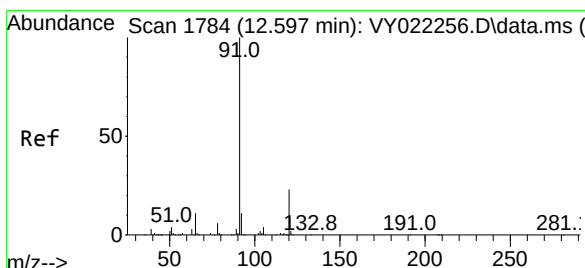
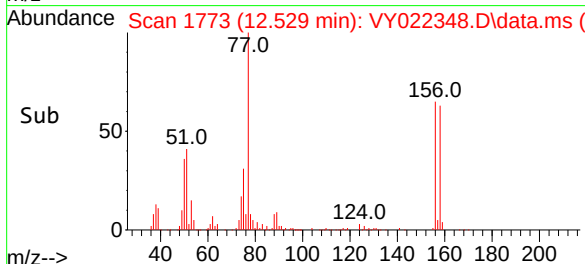
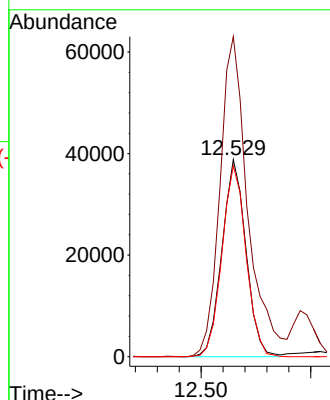
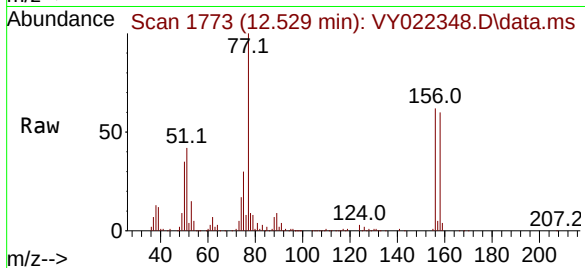
Tgt Ion:156 Resp: 59041

Ion Ratio Lower Upper

156 100

77 189.3 94.5 283.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 44.225 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022348.D

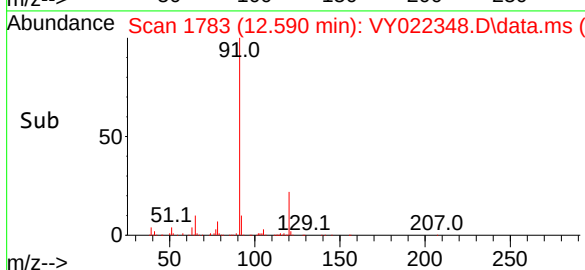
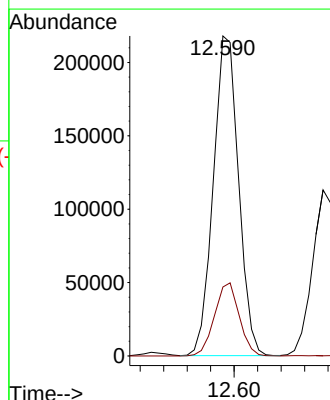
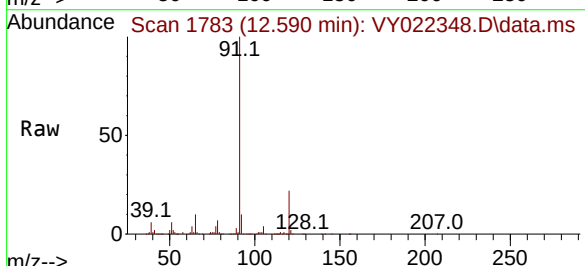
Acq: 20 May 2025 17:19

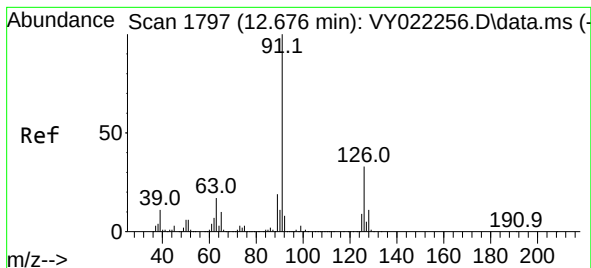
Tgt Ion: 91 Resp: 324607

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3





#79

2-Chlorotoluene

Concen: 43.064 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

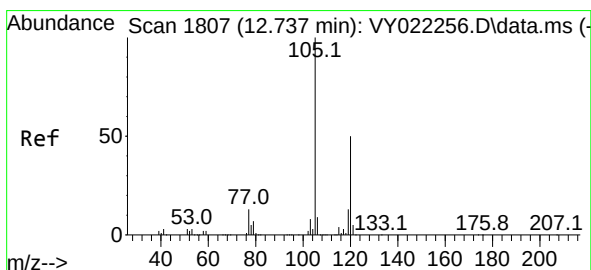
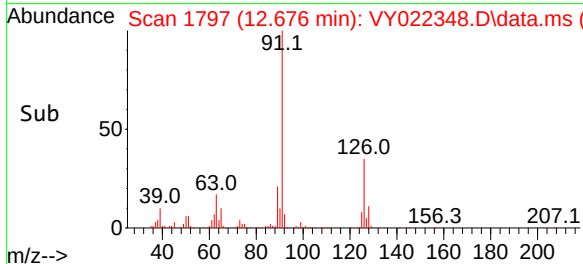
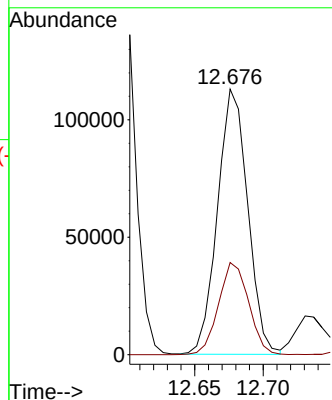
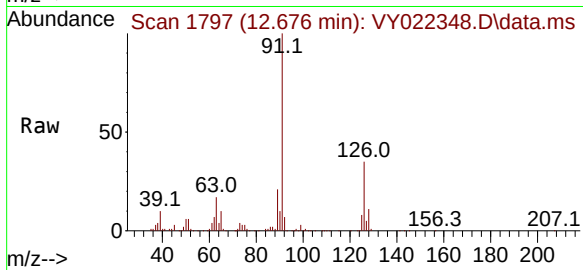
TP-24MS

Tgt Ion: 91 Resp: 173702

Ion Ratio Lower Upper

91 100

126 34.5 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 43.304 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VY022348.D

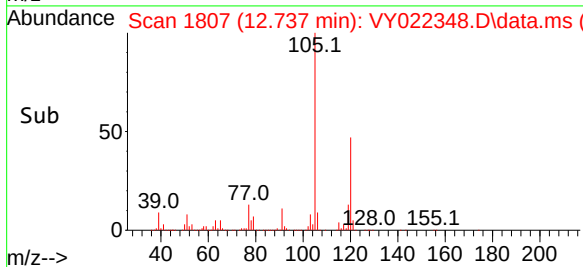
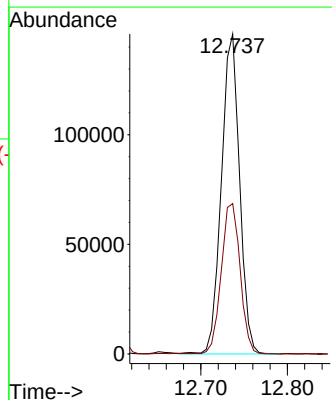
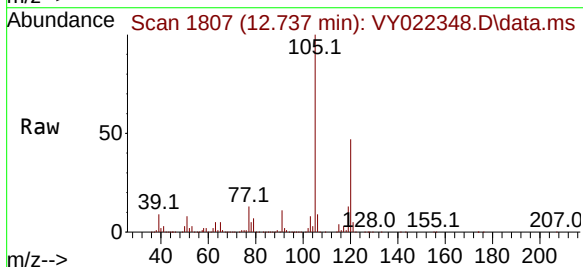
Acq: 20 May 2025 17:19

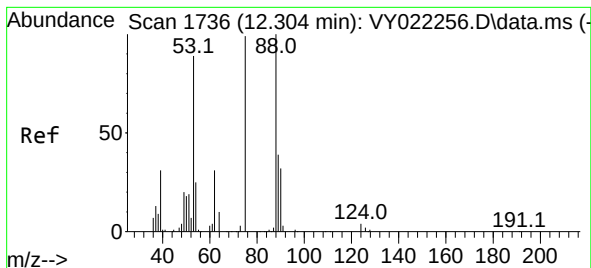
Tgt Ion: 105 Resp: 212718

Ion Ratio Lower Upper

105 100

120 48.8 24.2 72.6

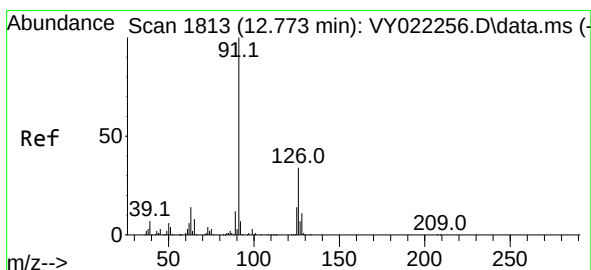
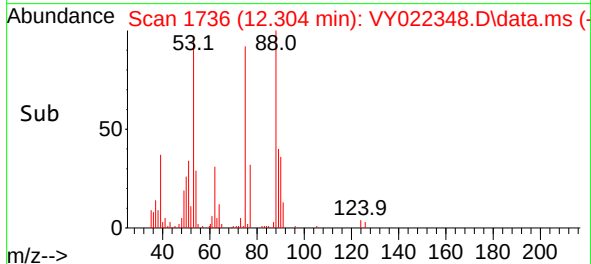
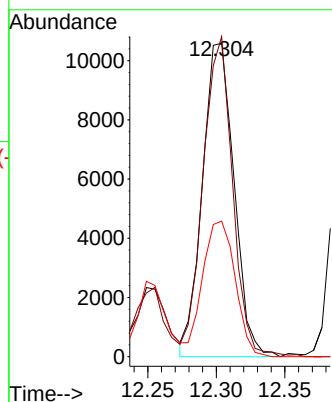
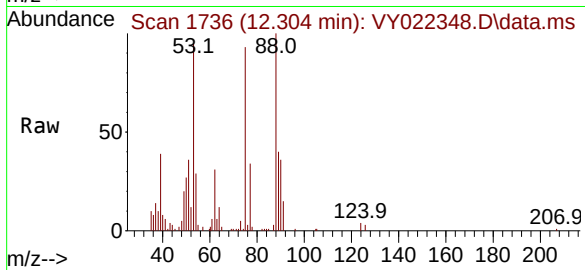




#81
trans-1,4-Dichloro-2-butene
Concen: 46.234 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

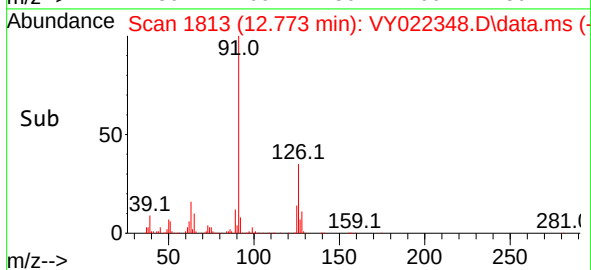
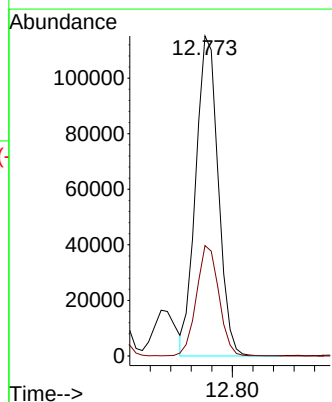
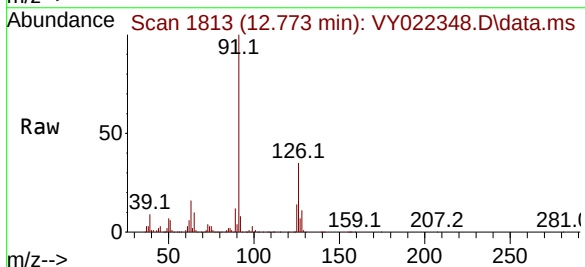
Instrument :
MSVOA_Y
ClientSampleId :
TP-24MS

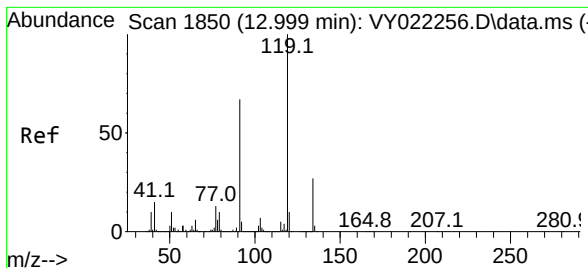
Tgt Ion: 75 Resp: 16984
Ion Ratio Lower Upper
75 100
53 95.0 75.8 113.8
89 44.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 42.219 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY022348.D
Acq: 20 May 2025 17:19

Tgt Ion: 91 Resp: 175161
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.4





#83

tert-Butylbenzene

Concen: 45.874 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

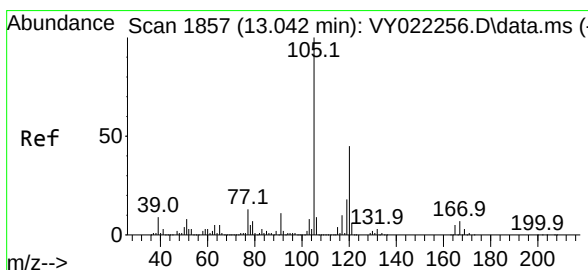
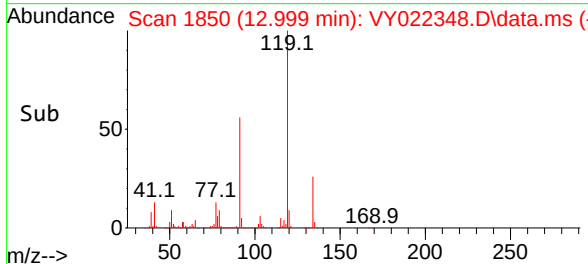
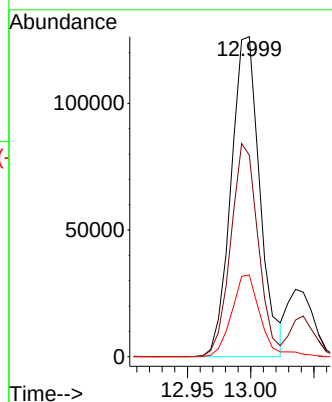
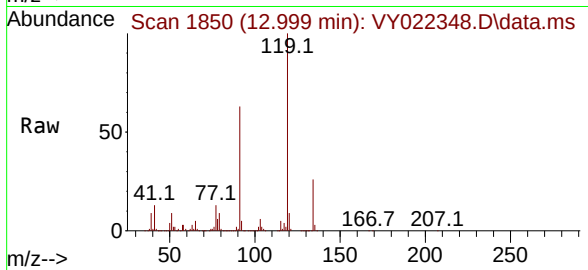
Tgt Ion:119 Resp: 200289

Ion Ratio Lower Upper

119 100

91 63.5 32.8 98.3

134 25.7 12.9 38.6



#84

1,2,4-Trimethylbenzene

Concen: 43.171 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.000 min

Lab File: VY022348.D

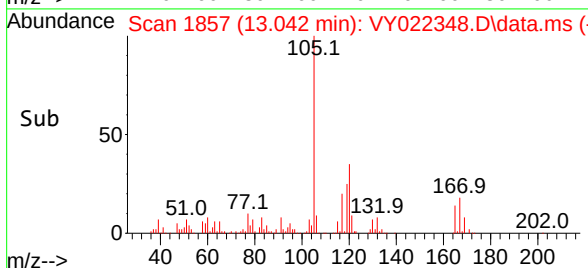
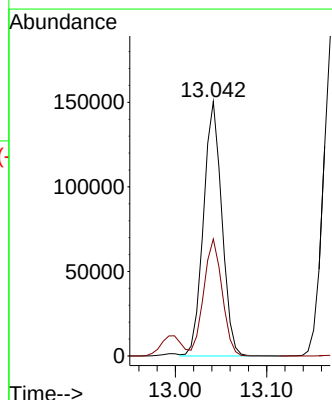
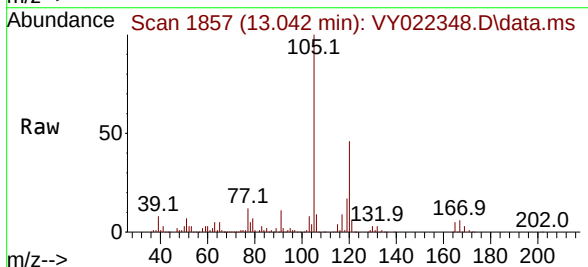
Acq: 20 May 2025 17:19

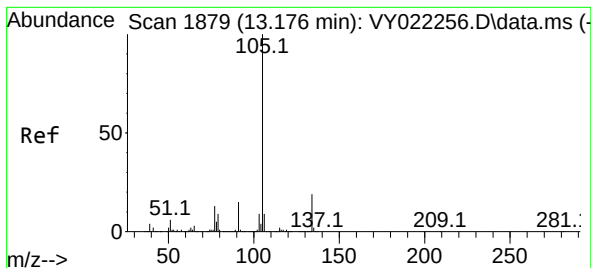
Tgt Ion:105 Resp: 210512

Ion Ratio Lower Upper

105 100

120 45.7 22.3 66.9





#85

sec-Butylbenzene

Concen: 45.431 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

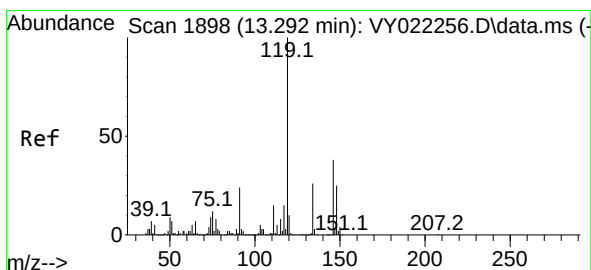
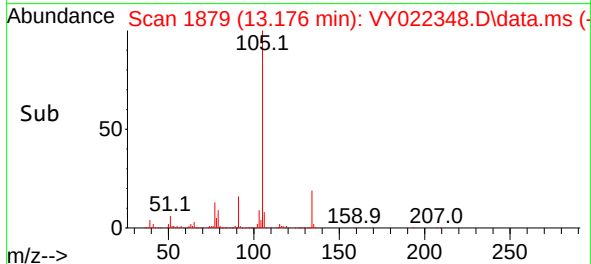
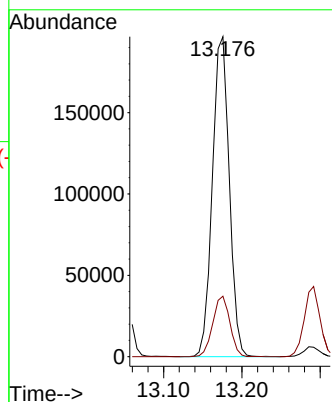
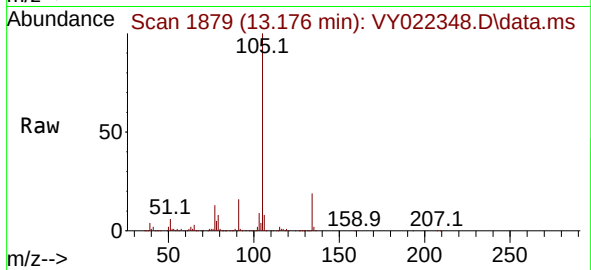
TP-24MS

Tgt Ion:105 Resp: 294440

Ion Ratio Lower Upper

105 100

134 19.2 9.8 29.5



#86

p-Isopropyltoluene

Concen: 43.379 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

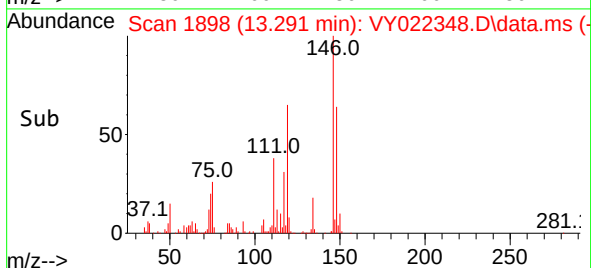
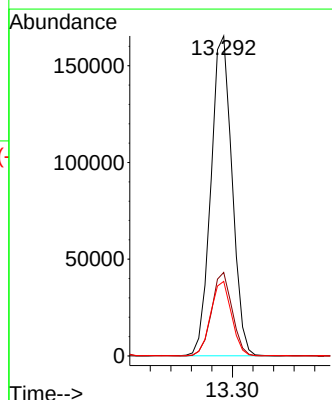
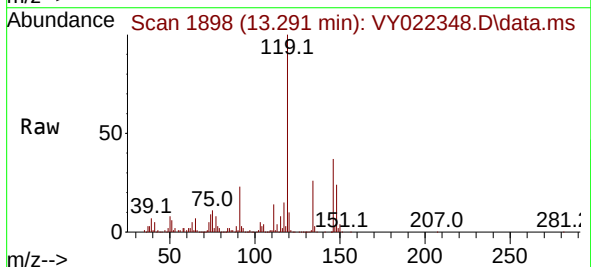
Tgt Ion:119 Resp: 236452

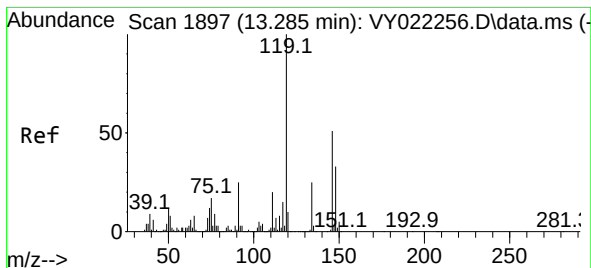
Ion Ratio Lower Upper

119 100

134 25.5 12.9 38.6

91 23.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 41.710 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

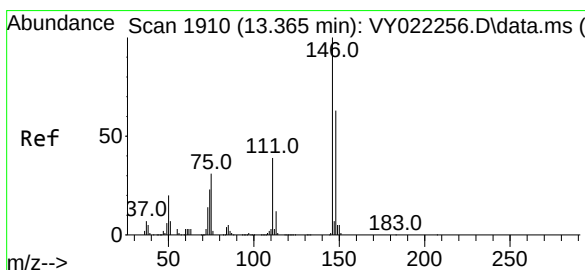
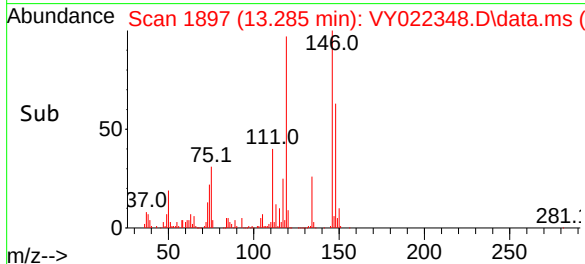
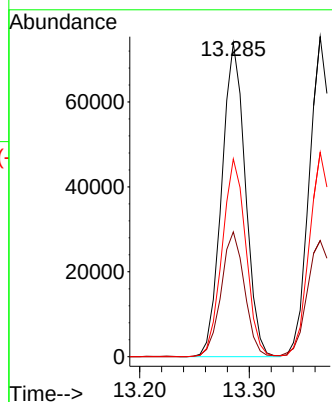
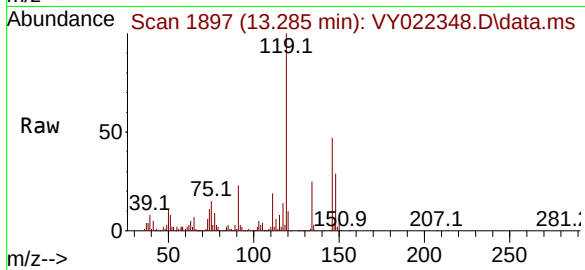
Tgt Ion:146 Resp: 110665

Ion Ratio Lower Upper

146 100

111 39.4 19.9 59.7

148 63.2 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 42.481 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

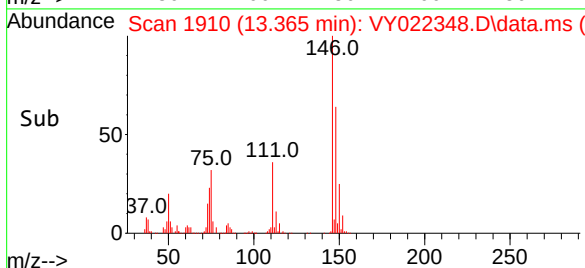
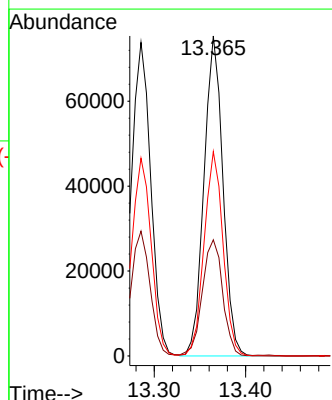
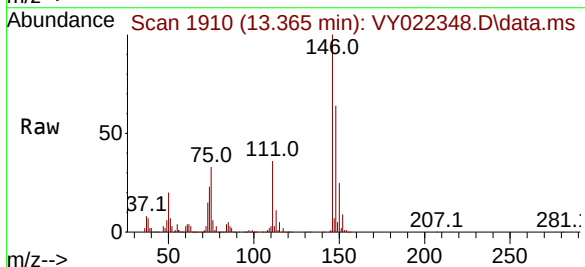
Tgt Ion:146 Resp: 108417

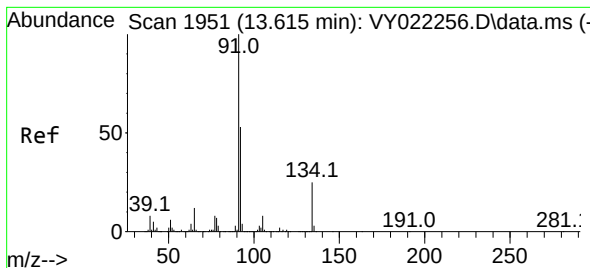
Ion Ratio Lower Upper

146 100

111 38.8 20.0 59.9

148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 41.845 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

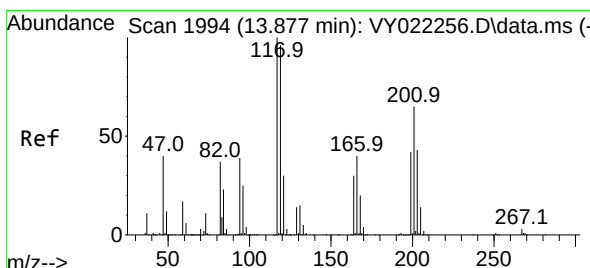
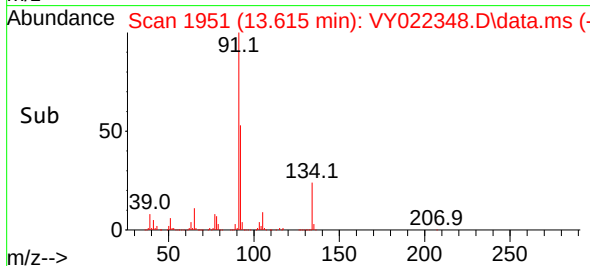
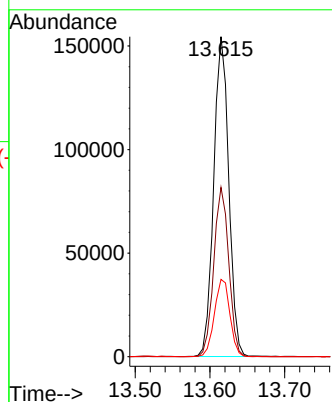
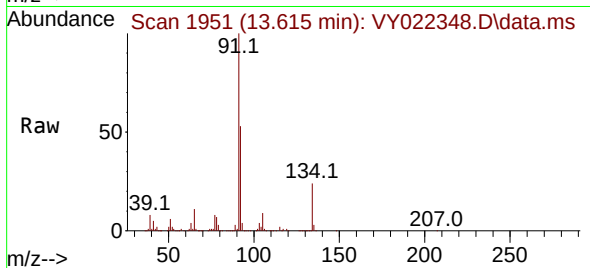
Tgt Ion: 91 Resp: 215787

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 25.0 12.4 37.4



#90

Hexachloroethane

Concen: 44.255 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY022348.D

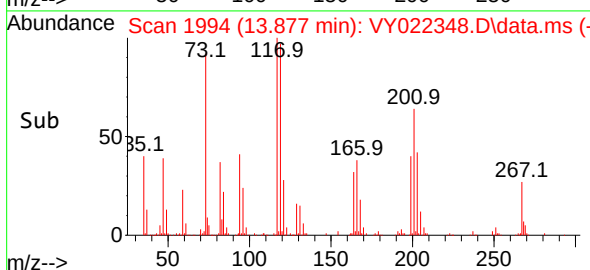
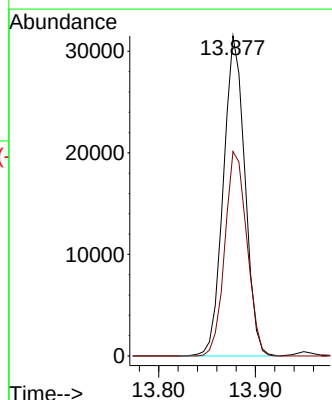
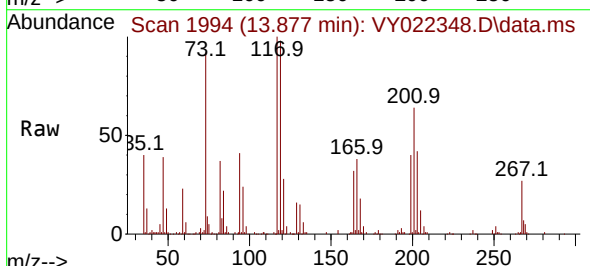
Acq: 20 May 2025 17:19

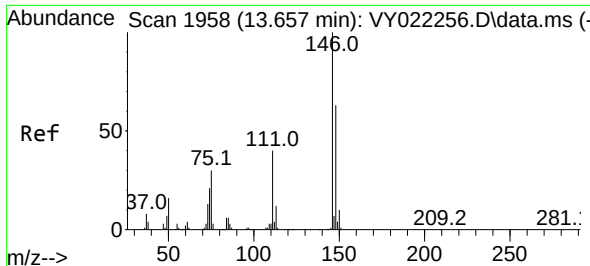
Tgt Ion: 117 Resp: 48695

Ion Ratio Lower Upper

117 100

201 65.5 35.2 105.6

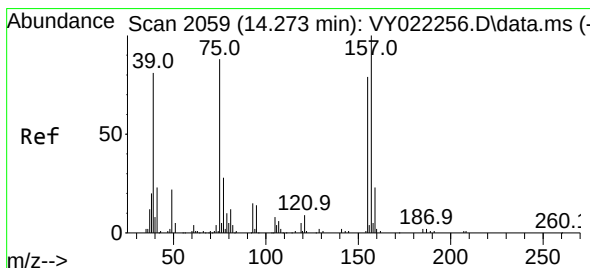
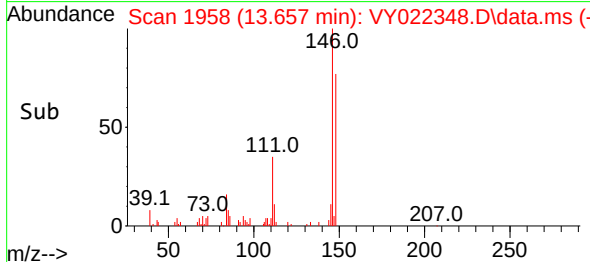
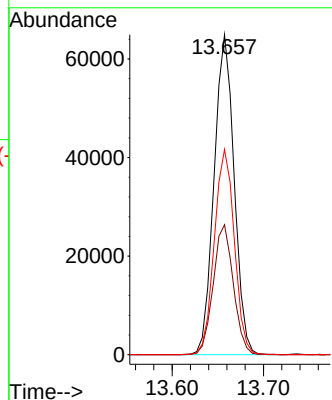
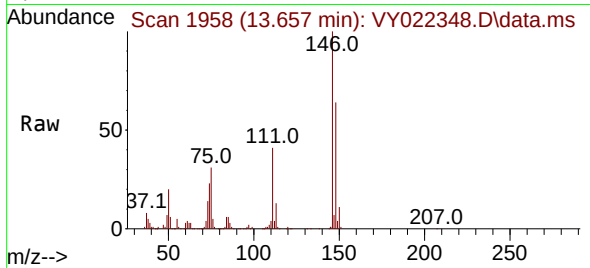




#91
 1,2-Dichlorobenzene
 Concen: 44.486 ug/l
 RT: 13.657 min Scan# 1958
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

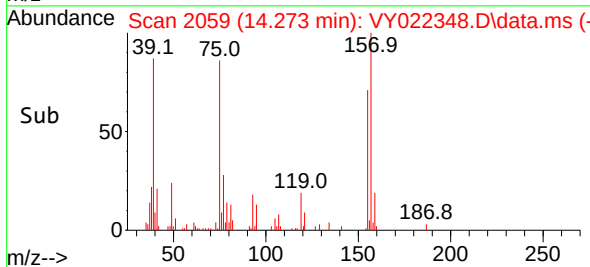
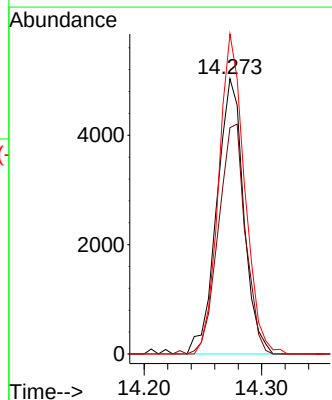
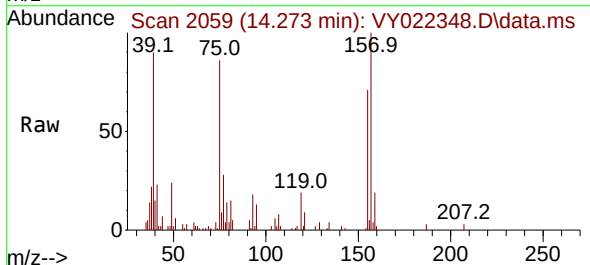
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-24MS

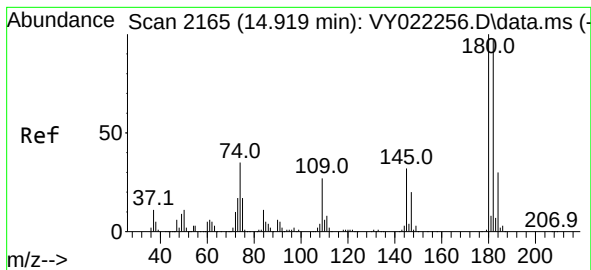
Tgt Ion:146 Resp: 99142
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.5 61.5
 148 64.0 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.912 ug/l
 RT: 14.273 min Scan# 2059
 Delta R.T. -0.000 min
 Lab File: VY022348.D
 Acq: 20 May 2025 17:19

Tgt Ion: 75 Resp: 7985
 Ion Ratio Lower Upper
 75 100
 155 84.1 43.4 130.1
 157 112.0 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 37.462 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

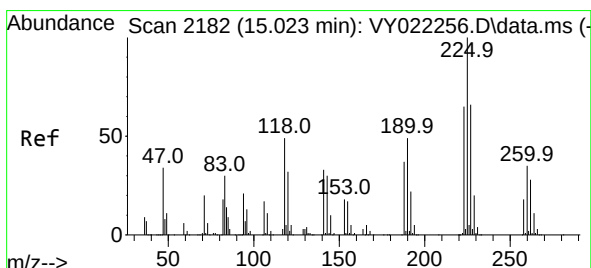
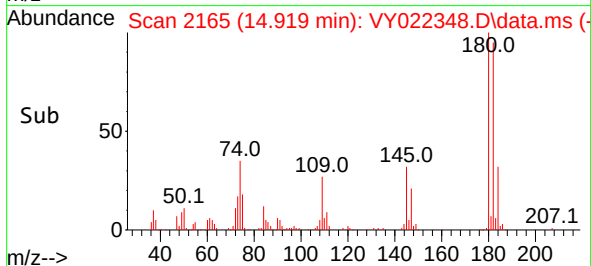
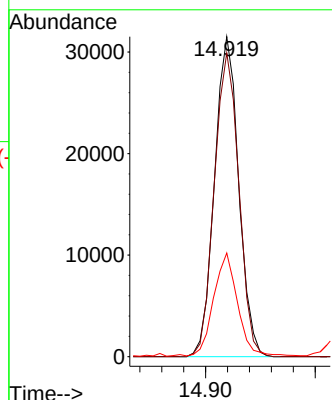
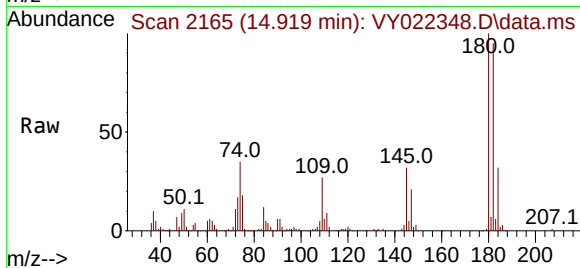
Tgt Ion:180 Resp: 48226

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.0

145 31.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 39.121 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

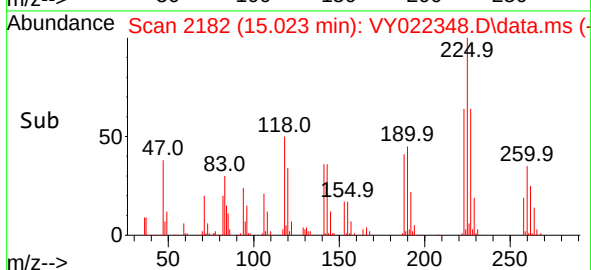
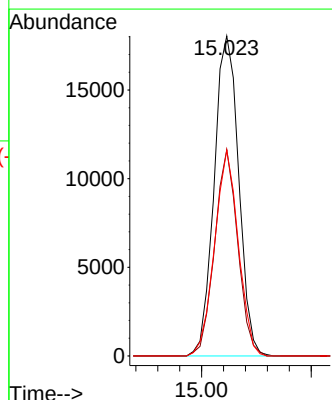
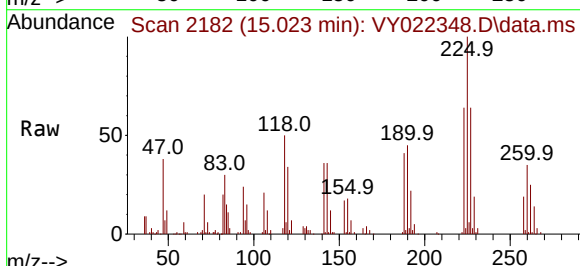
Tgt Ion:225 Resp: 28085

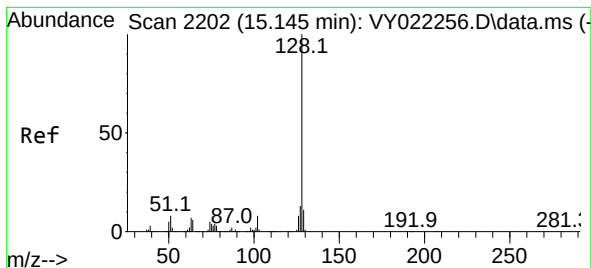
Ion Ratio Lower Upper

225 100

223 60.7 31.5 94.5

227 62.2 32.1 96.3





#95

Naphthalene

Concen: 47.665 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Instrument :

MSVOA_Y

ClientSampleId :

TP-24MS

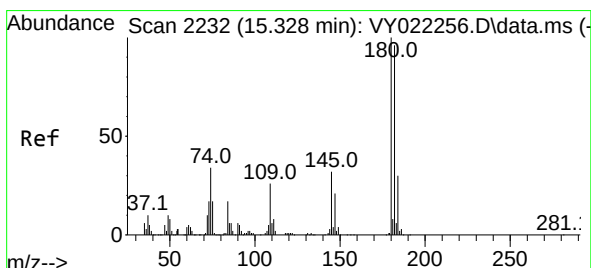
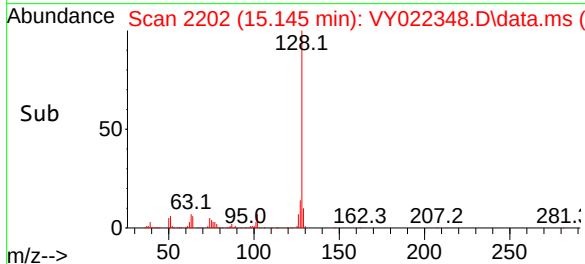
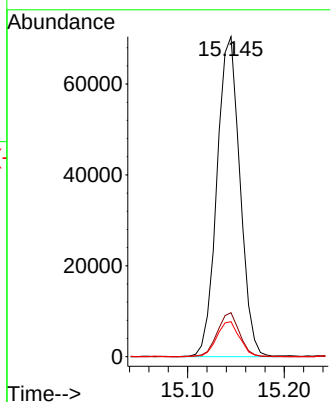
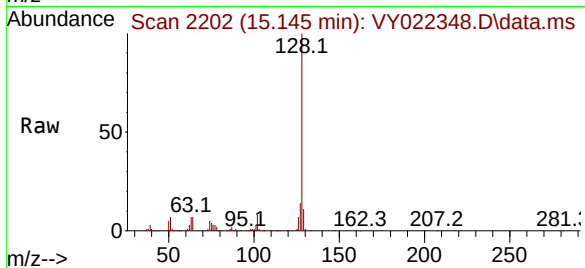
Tgt Ion:128 Resp: 116441

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 39.191 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY022348.D

Acq: 20 May 2025 17:19

Tgt Ion:180 Resp: 42800

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 34.7 15.9 47.6

