

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022258.D
 Acq On : 15 May 2025 11:47
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 16 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051525S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 16 01:19:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	271027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	442917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	187978	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	455385	153.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 307.480%#	
35) Dibromofluoromethane	7.634	113	412318	155.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 311.940%#	
50) Toluene-d8	10.103	98	1689714	156.065	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 312.120%#	
62) 4-Bromofluorobenzene	12.402	95	541367	157.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 315.500%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.861	85	389593	137.760	ug/l	100
3) Chloromethane	2.068	50	727243	122.246	ug/l	99
4) Vinyl Chloride	2.202	62	902596	135.801	ug/l	97
5) Bromomethane	2.586	94	780107	144.182	ug/l	99
6) Chloroethane	2.727	64	590870	142.898	ug/l	98
7) Trichlorofluoromethane	3.050	101	989291	147.013	ug/l	99
8) Diethyl Ether	3.452	74	236216	146.270	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	422397	144.588	ug/l	100
10) Methyl Iodide	4.001	142	518980	153.489	ug/l	98
11) Tert butyl alcohol	4.866	59	172549	762.834	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	425285	146.697	ug/l	97
13) Acrolein	3.653	56	237291	717.595	ug/l	98
14) Allyl chloride	4.379	41	756728	148.866	ug/l	100
15) Acrylonitrile	5.055	53	512850	770.708	ug/l	100
16) Acetone	3.873	43	375443	675.976	ug/l	99
17) Carbon Disulfide	4.104	76	1365378	144.429	ug/l	100
18) Methyl Acetate	4.385	43	282084	166.915	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	1225258	153.279	ug/l	98
20) Methylene Chloride	4.616	84	448817	125.059	ug/l	99
21) trans-1,2-Dichloroethene	5.110	96	472143	147.547	ug/l	99
22) Diisopropyl ether	6.019	45	1626927	151.557	ug/l	99
23) Vinyl Acetate	5.958	43	4953644	763.831	ug/l	100
24) 1,1-Dichloroethane	5.915	63	879785	146.697	ug/l	99
25) 2-Butanone	6.890	43	708010	762.091	ug/l	98
26) 2,2-Dichloropropane	6.884	77	787195	147.575	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	563503	152.601	ug/l	100
28) Bromochloromethane	7.244	49	387221	151.369	ug/l	100
29) Tetrahydrofuran	7.262	42	472224	790.072	ug/l	100
30) Chloroform	7.421	83	859317	149.381	ug/l	98
31) Cyclohexane	7.701	56	821784	137.144	ug/l	98
32) 1,1,1-Trichloroethane	7.616	97	784014	148.554	ug/l	99
36) 1,1-Dichloropropene	7.835	75	658871	151.316	ug/l	99
37) Ethyl Acetate	6.982	43	320686	153.067	ug/l	99
38) Carbon Tetrachloride	7.817	117	696139	154.450	ug/l	100
39) Methylcyclohexane	9.110	83	886329	151.510	ug/l	98
40) Benzene	8.079	78	1987535	153.973	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	174771	114.006	ug/l #	85
42) 1,2-Dichloroethane	8.159	62	534517	153.124	ug/l	99
43) Isopropyl Acetate	8.195	43	704366	154.159	ug/l #	89
44) Trichloroethene	8.866	130	481990	150.171	ug/l	96
45) 1,2-Dichloropropane	9.140	63	472217	151.736	ug/l	97
46) Dibromomethane	9.231	93	258087	153.757	ug/l	99
47) Bromodichloromethane	9.420	83	669834	153.824	ug/l	99
48) Methyl methacrylate	9.219	41	344147	161.060	ug/l	99
49) 1,4-Dioxane	9.231	88	61019	3217.888	ug/l	95
51) 4-Methyl-2-Pentanone	10.000	43	1829015	815.822	ug/l	99
52) Toluene	10.170	92	1276917	156.216	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	663513	156.134	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	754493	154.963	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	330716	153.863	ug/l	99
56) Ethyl methacrylate	10.439	69	535897	160.058	ug/l	99
57) 1,3-Dichloropropane	10.719	76	584253	152.987	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1350536	898.675	ug/l	99
59) 2-Hexanone	10.762	43	1227881	816.860	ug/l	99
60) Dibromochloromethane	10.908	129	438666	157.237	ug/l	99
61) 1,2-Dibromoethane	11.012	107	308529	154.008	ug/l	99
64) Tetrachloroethene	10.646	164	501627	139.237	ug/l	100
65) Chlorobenzene	11.438	112	1336594	151.997	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	480525	158.952	ug/l	100
67) Ethyl Benzene	11.518	91	2598027	157.756	ug/l	99
68) m/p-Xylenes	11.627	106	1992413	321.066	ug/l	99
69) o-Xylene	11.957	106	937727	159.714	ug/l	99
70) Styrene	11.969	104	1613798	162.944	ug/l	100
71) Bromoform	12.133	173	254251	155.818	ug/l #	99
73) Isopropylbenzene	12.255	105	2357568	151.387	ug/l	100
74) N-amyl acetate	12.066	43	694999	156.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	375378	156.735	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	546605	164.989	ug/l #	100
77) Bromobenzene	12.530	156	509579	153.206	ug/l	99
78) n-propylbenzene	12.591	91	2822794	150.276	ug/l	100
79) 2-Chlorotoluene	12.676	91	1563003	151.415	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1888432	150.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	139931	148.846	ug/l	99
82) 4-Chlorotoluene	12.774	91	1616520	152.250	ug/l	99
83) tert-Butylbenzene	12.993	119	1699962	152.144	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	1934641	155.030	ug/l	100
85) sec-Butylbenzene	13.176	105	2493393	150.330	ug/l	100
86) p-Isopropyltoluene	13.292	119	2205275	158.088	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	1079479	158.981	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	969874	148.497	ug/l	99
89) n-Butylbenzene	13.615	91	1992554	150.985	ug/l	99
90) Hexachloroethane	13.877	117	417341	148.208	ug/l	99
91) 1,2-Dichlorobenzene	13.658	146	858733	150.565	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	58383	151.172	ug/l	99
93) 1,2,4-Trichlorobenzene	14.919	180	508537	154.361	ug/l	99
94) Hexachlorobutadiene	15.023	225	261832	142.514	ug/l	100
95) Naphthalene	15.139	128	979369	156.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	426231	152.509	ug/l	99

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QLast Update : Fri May 16 01:19:39 2025
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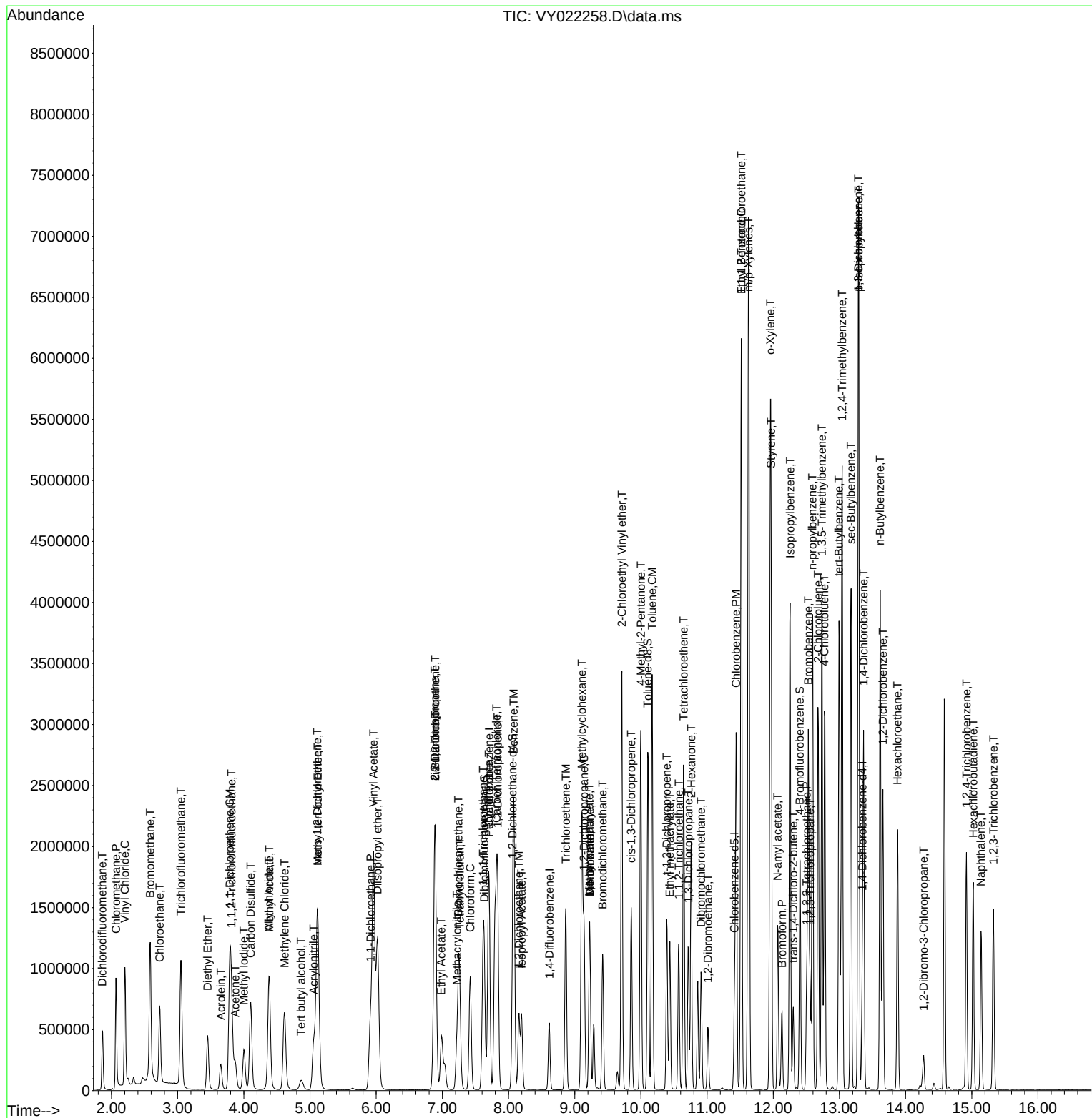
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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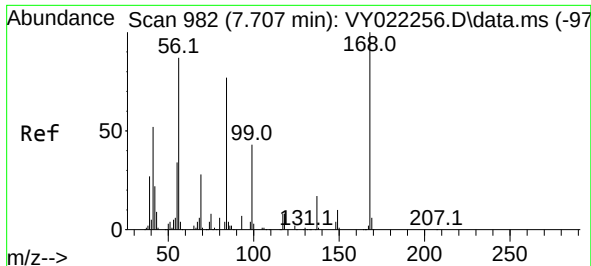
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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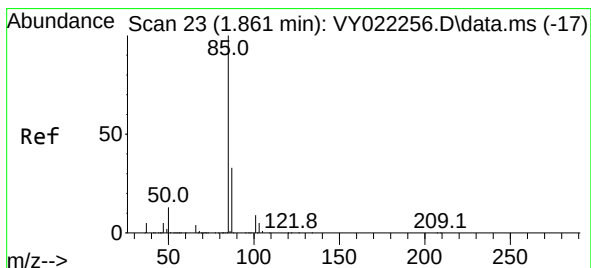
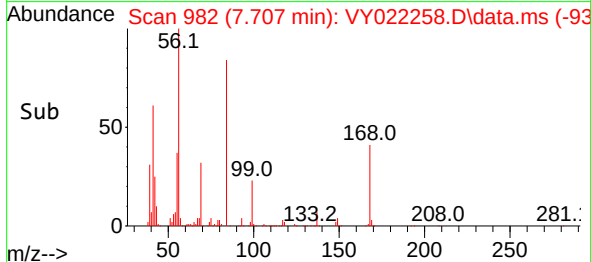
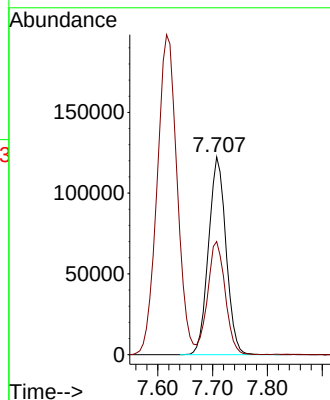
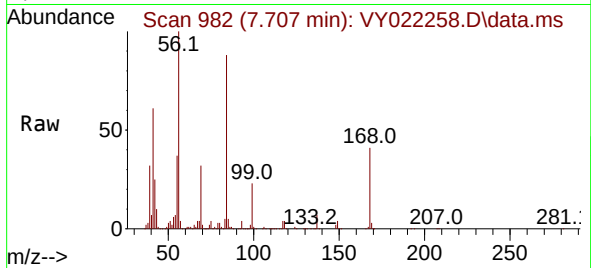




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022258.D
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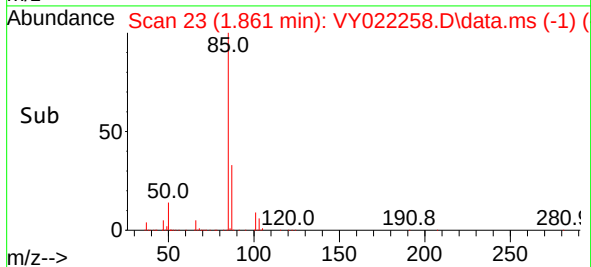
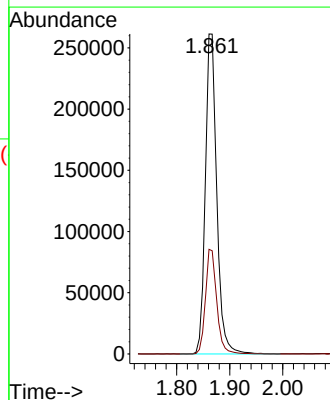
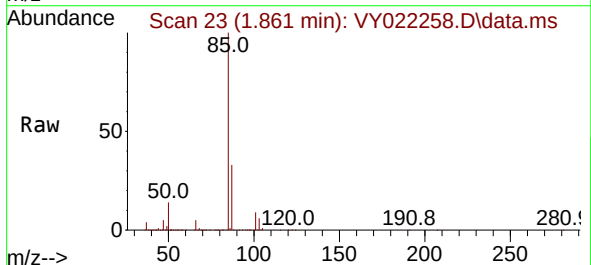
Instrument :
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VSTDIC150

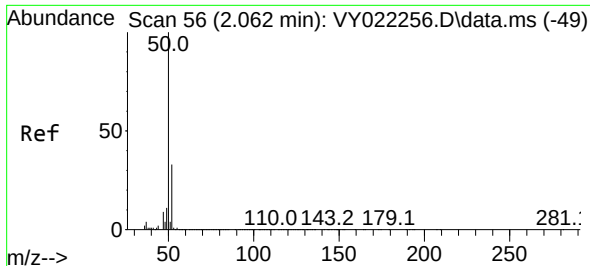
Tgt Ion:168 Resp: 271027
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 137.760 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 85 Resp: 389593
Ion Ratio Lower Upper
85 100
87 32.7 16.5 49.5

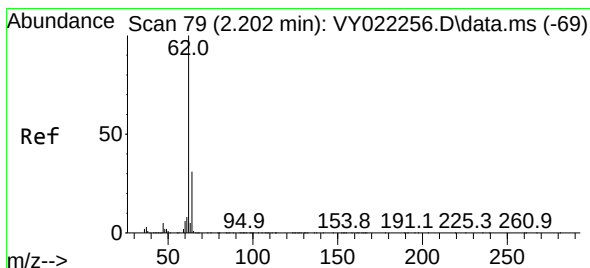
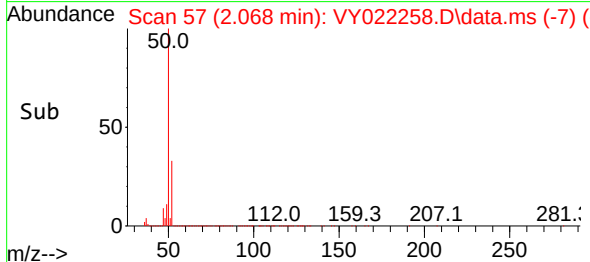
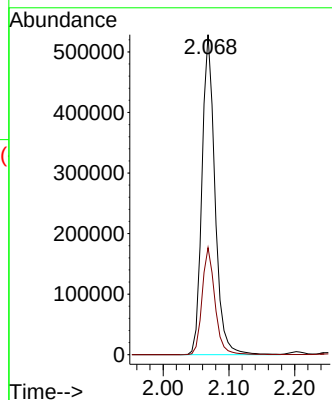
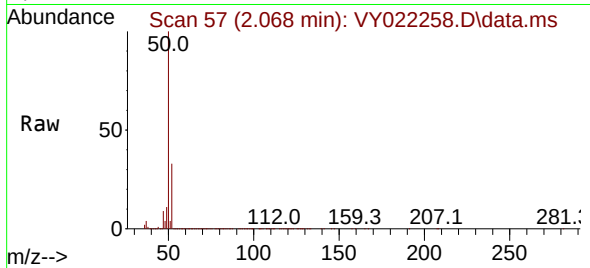




#3
Chloromethane
Concen: 122.246 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

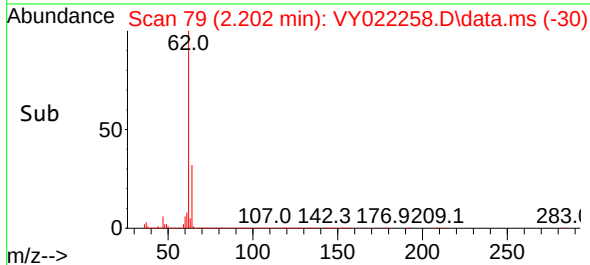
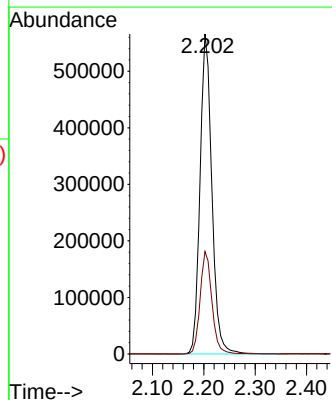
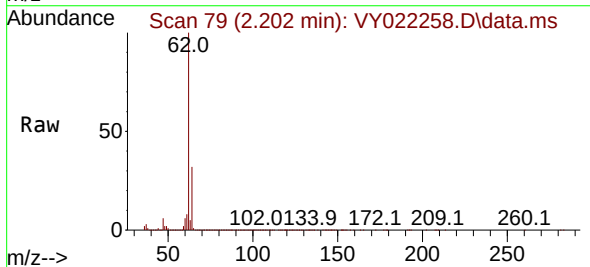
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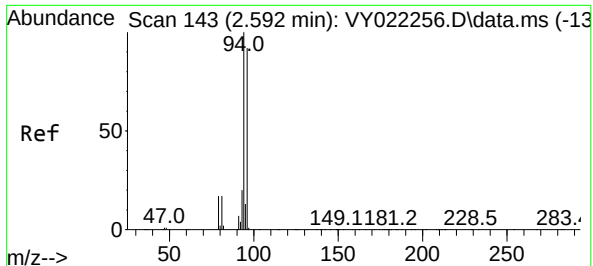
Tgt Ion: 50 Resp: 727243
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7



#4
Vinyl Chloride
Concen: 135.801 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 62 Resp: 902596
Ion Ratio Lower Upper
62 100
64 32.0 24.5 36.7

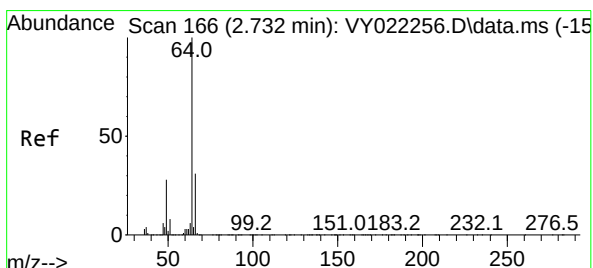
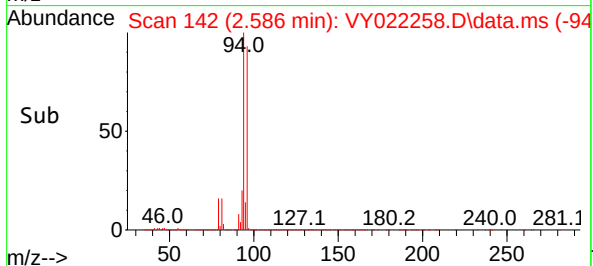
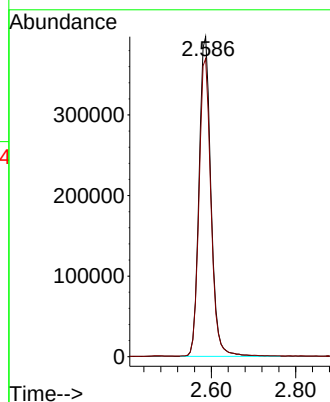
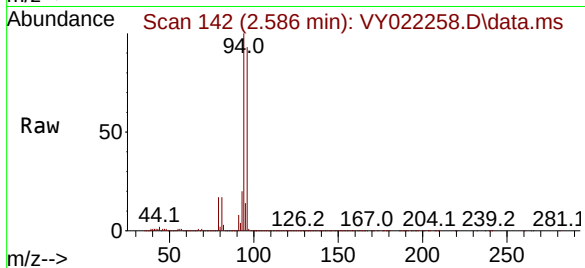




#5
Bromomethane
Concen: 144.182 ug/l
RT: 2.586 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY022258.D
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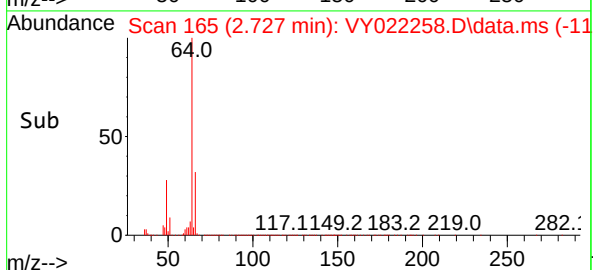
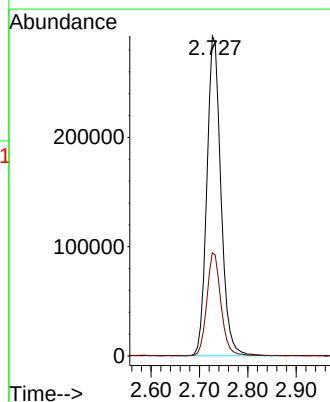
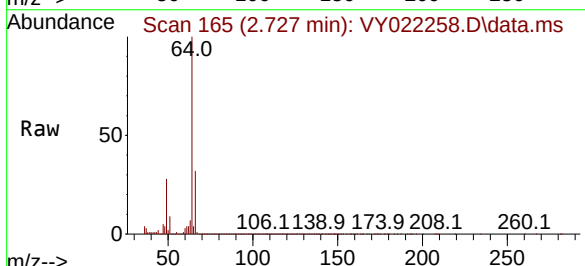
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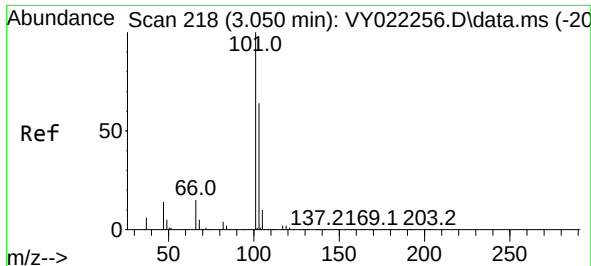
Tgt Ion: 94 Resp: 780107
Ion Ratio Lower Upper
94 100
96 93.0 73.4 110.0



#6
Chloroethane
Concen: 142.898 ug/l
RT: 2.727 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 64 Resp: 590870
Ion Ratio Lower Upper
64 100
66 32.2 24.8 37.2

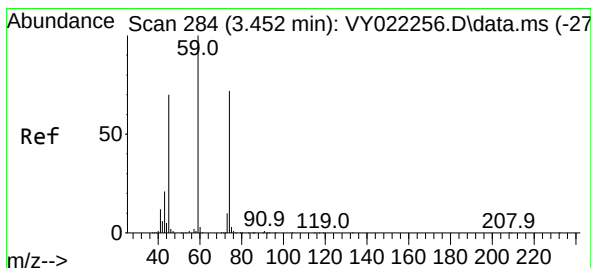
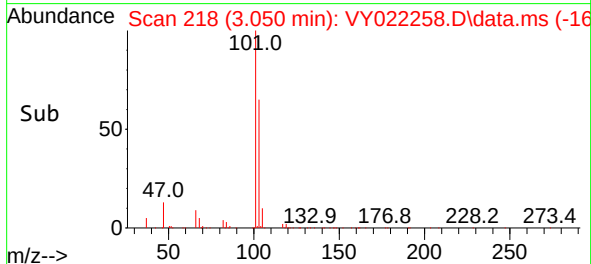
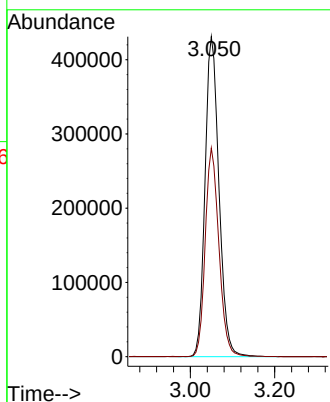
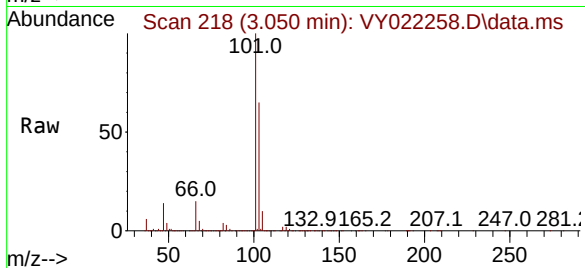




#7
 Trichlorofluoromethane
 Concen: 147.013 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

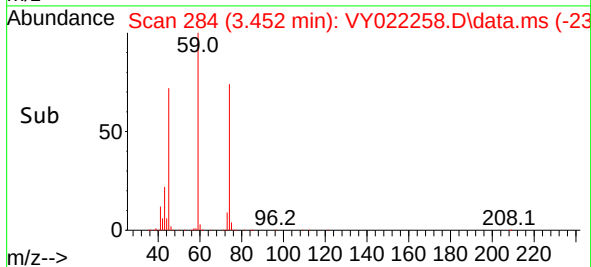
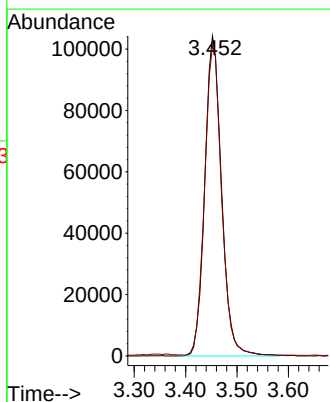
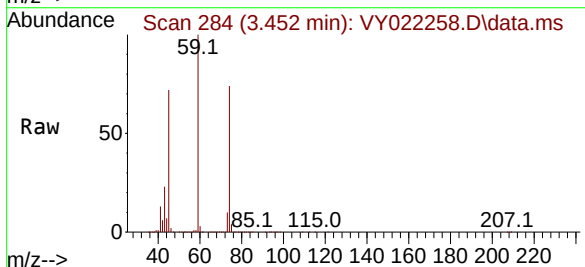
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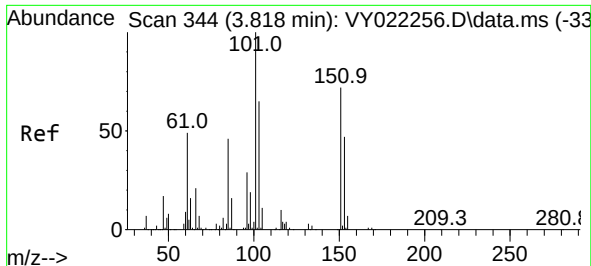
Tgt Ion:101 Resp: 989291
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.7 77.5



#8
 Diethyl Ether
 Concen: 146.270 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022258.D
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Tgt Ion: 74 Resp: 236216
 Ion Ratio Lower Upper
 74 100
 45 97.9 48.6 145.8

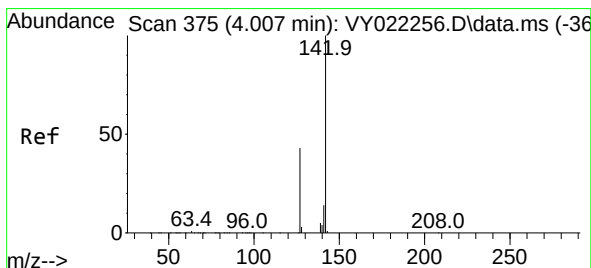
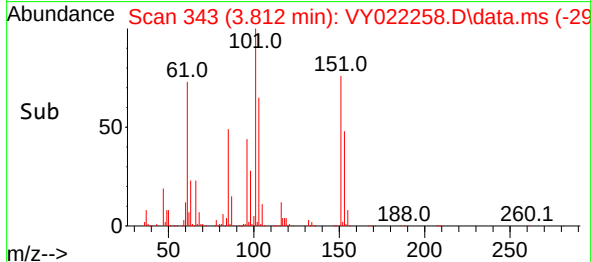
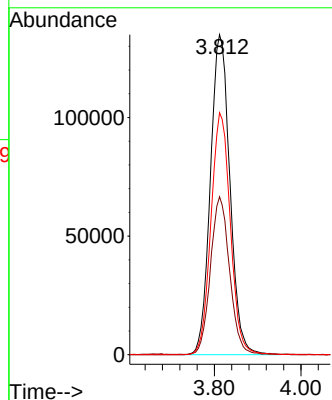
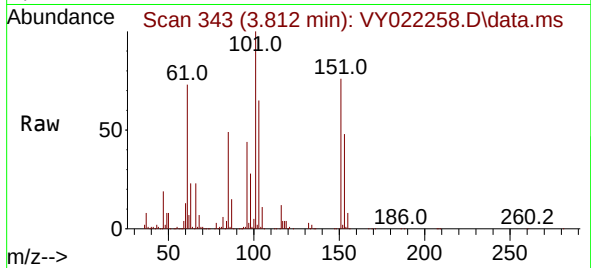




#9
1,1,2-Trichlorotrifluoroethane
Concen: 144.588 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

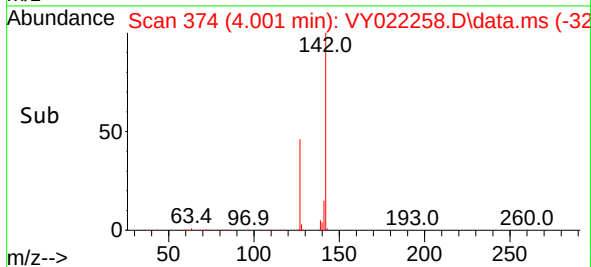
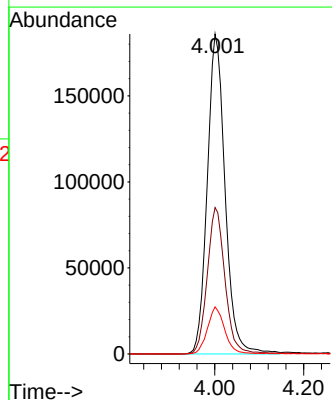
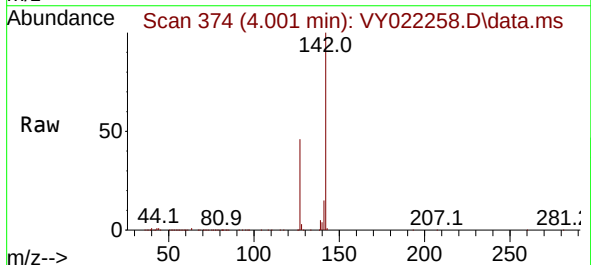
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

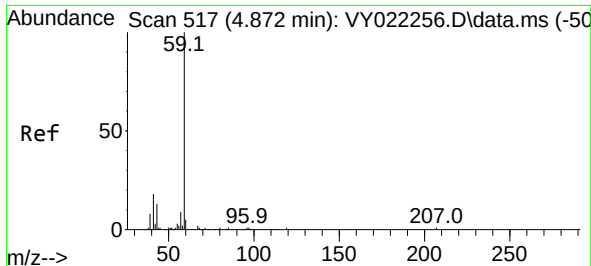
Tgt Ion:101 Resp: 422397
Ion Ratio Lower Upper
101 100
85 48.2 38.6 58.0
151 75.2 59.7 89.5



#10
Methyl Iodide
Concen: 153.489 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:142 Resp: 518980
Ion Ratio Lower Upper
142 100
127 45.8 35.7 53.5
141 14.3 11.1 16.7

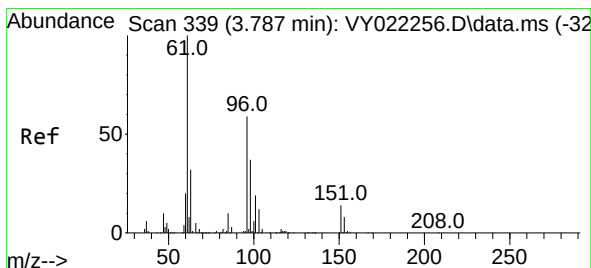
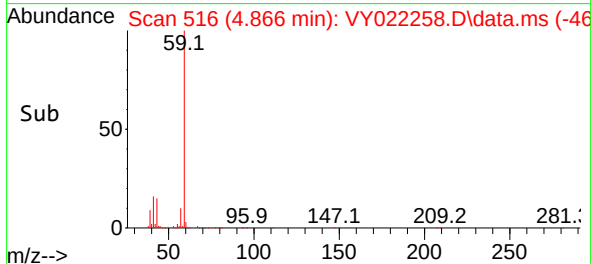
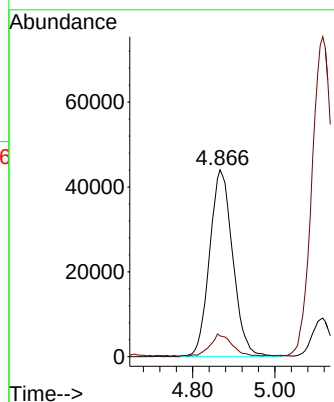
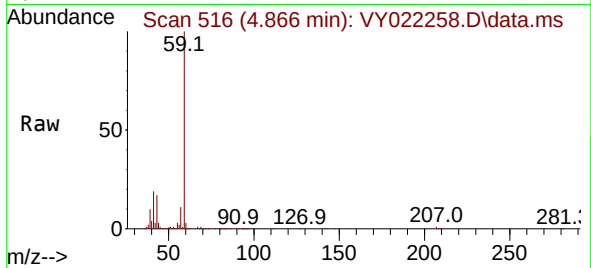




#11
Tert butyl alcohol
Concen: 762.834 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

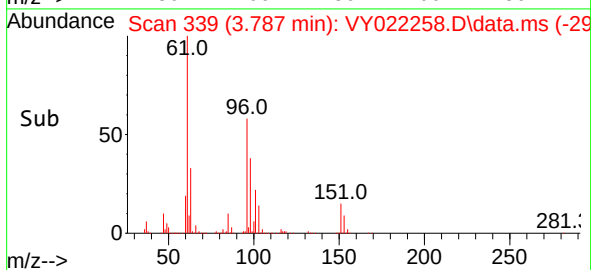
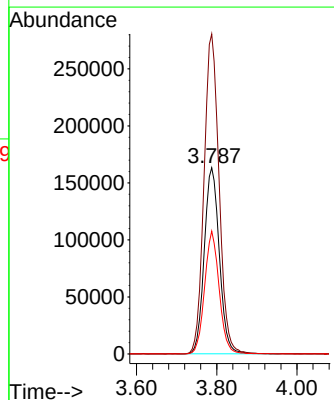
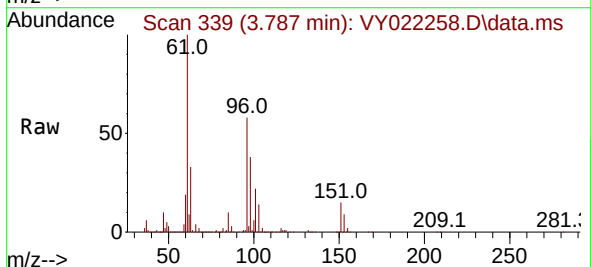
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

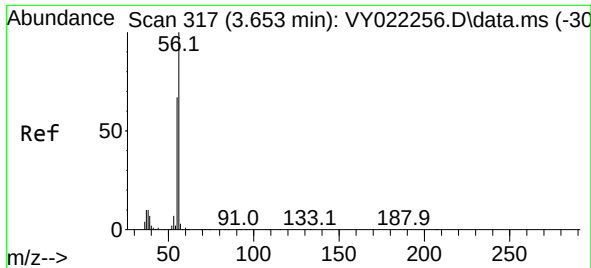
Tgt Ion: 59 Resp: 172549
Ion Ratio Lower Upper
59 100
57 10.9 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 146.697 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 96 Resp: 425285
Ion Ratio Lower Upper
96 100
61 171.9 134.9 202.3
98 65.9 49.9 74.9

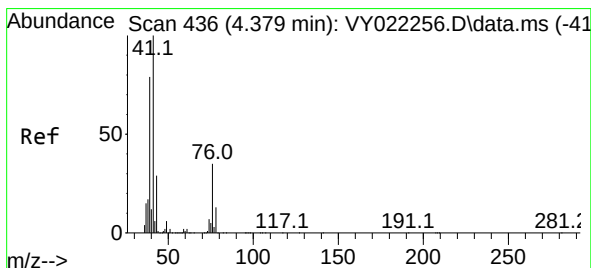
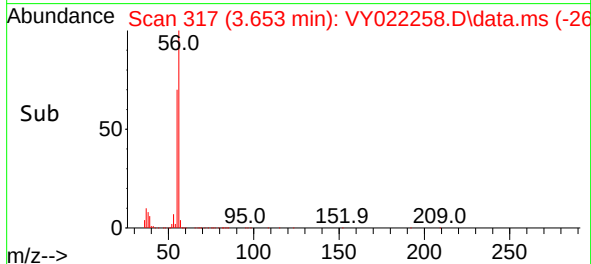
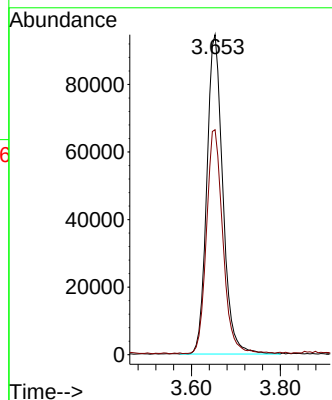
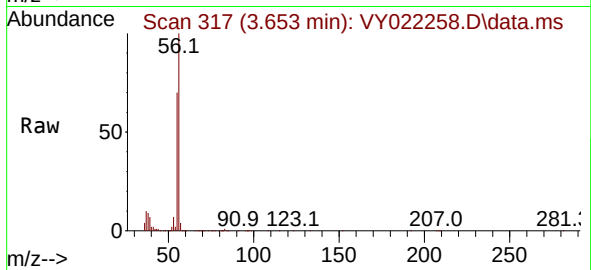




#13
Acrolein
Concen: 717.595 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

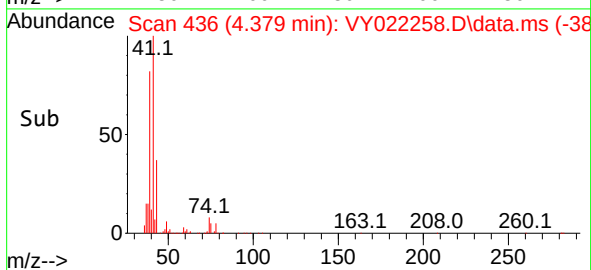
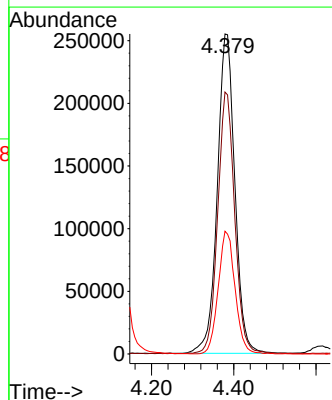
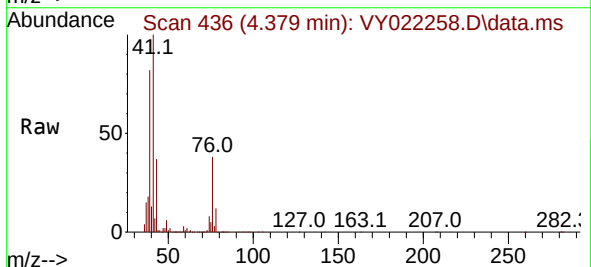
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

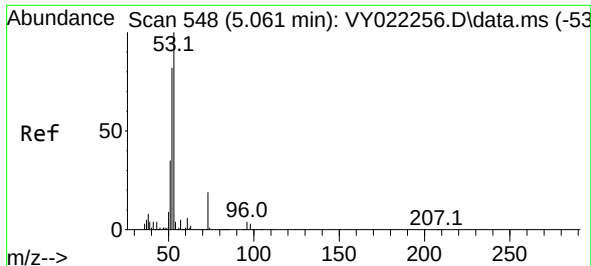
Tgt Ion: 56 Resp: 237291
Ion Ratio Lower Upper
56 100
55 71.5 55.6 83.4



#14
Allyl chloride
Concen: 148.866 ug/l
RT: 4.379 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 41 Resp: 756728
Ion Ratio Lower Upper
41 100
39 79.2 63.4 95.0
76 36.8 29.5 44.3

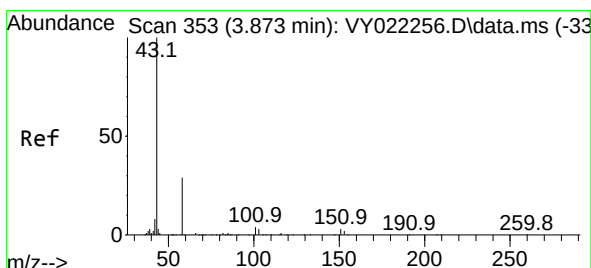
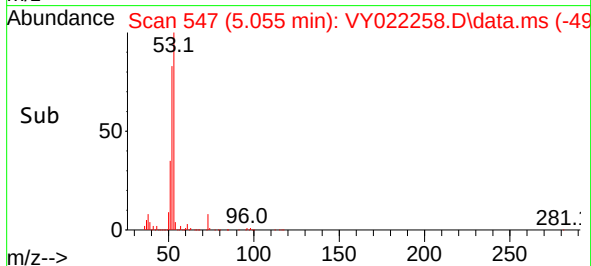
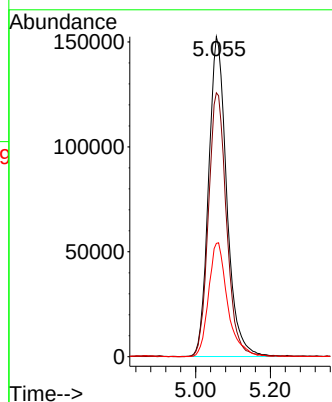
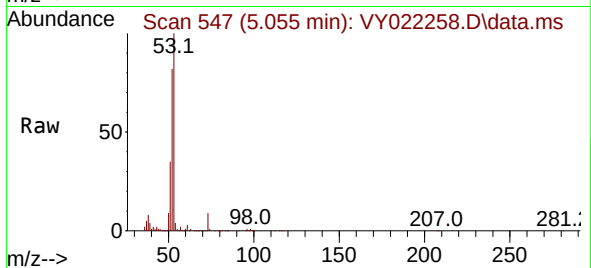




#15
Acrylonitrile
Concen: 770.708 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

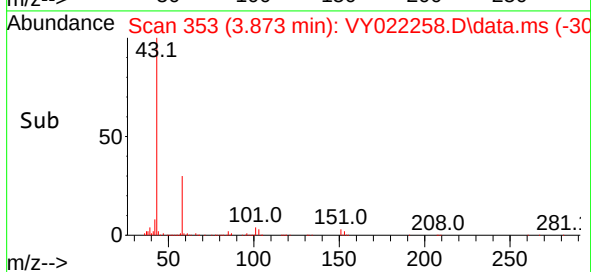
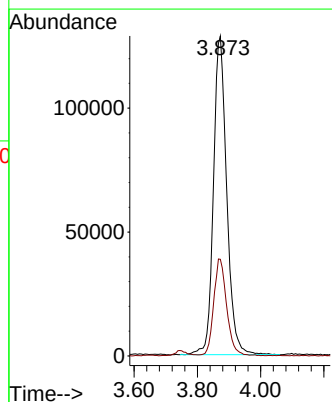
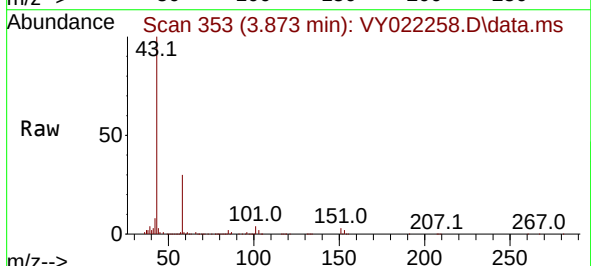
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

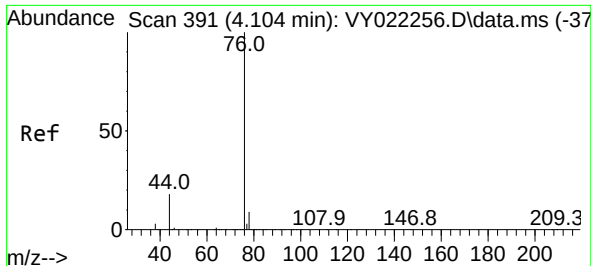
Tgt Ion: 53 Resp: 512850
Ion Ratio Lower Upper
53 100
52 82.4 66.1 99.1
51 37.5 30.0 45.0



#16
Acetone
Concen: 675.976 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 43 Resp: 375443
Ion Ratio Lower Upper
43 100
58 30.2 23.6 35.4

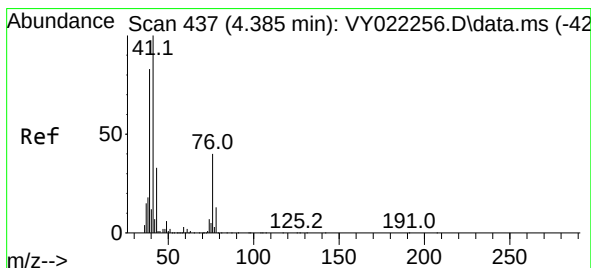
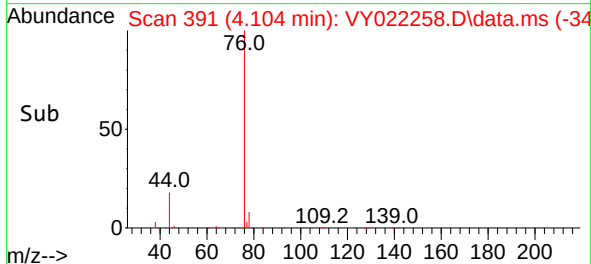
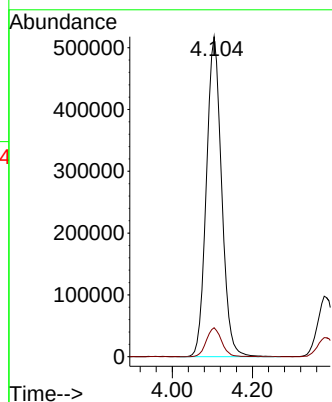
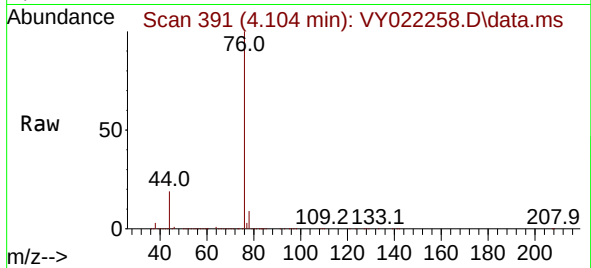




#17
Carbon Disulfide
Concen: 144.429 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

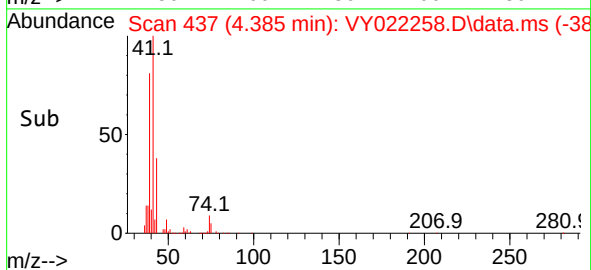
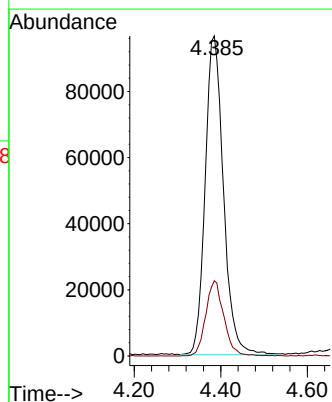
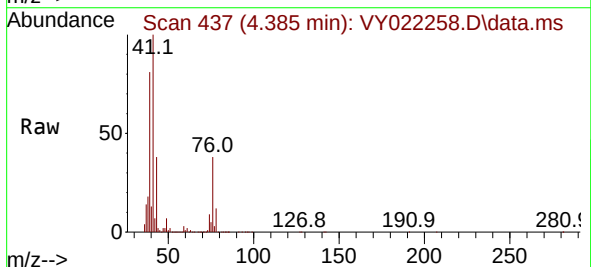
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

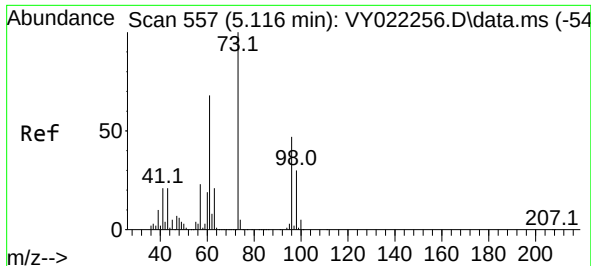
Tgt Ion: 76 Resp: 1365378
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 166.915 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 43 Resp: 282084
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 153.279 ug/l

RT: 5.116 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

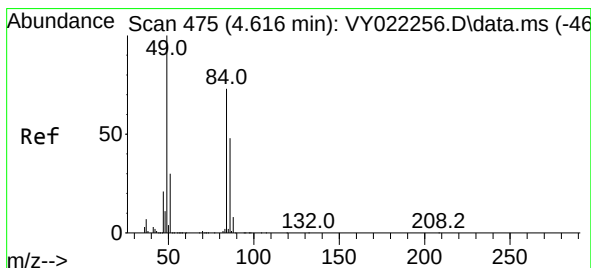
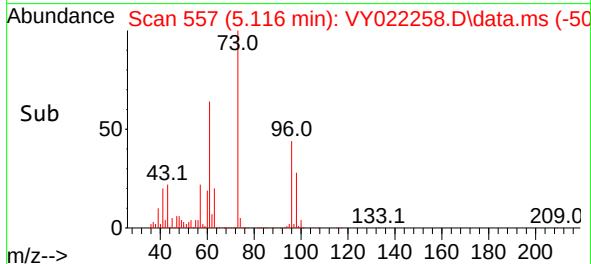
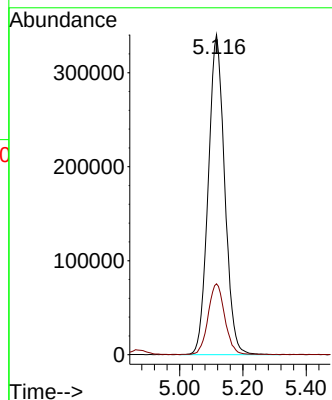
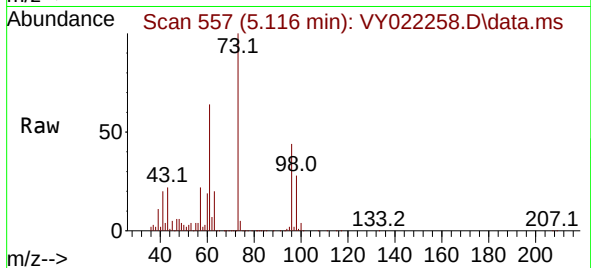
VSTDIC150

Tgt Ion: 73 Resp: 1225258

Ion Ratio Lower Upper

73 100

57 22.1 18.6 28.0



#20

Methylene Chloride

Concen: 125.059 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion: 84 Resp: 448817

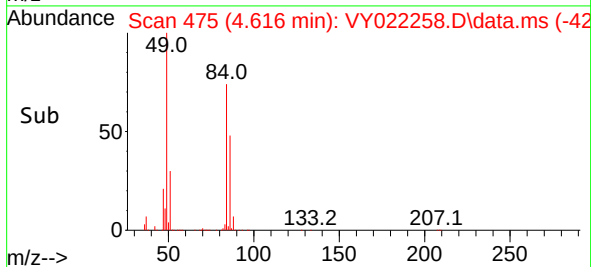
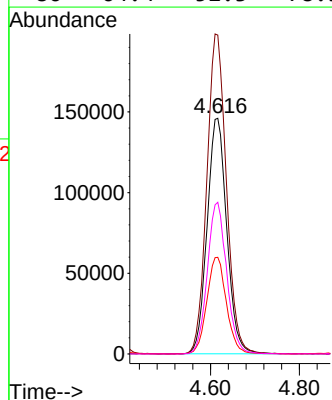
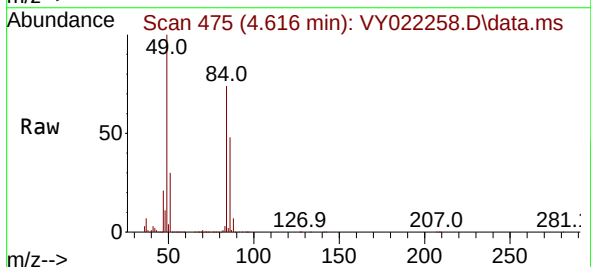
Ion Ratio Lower Upper

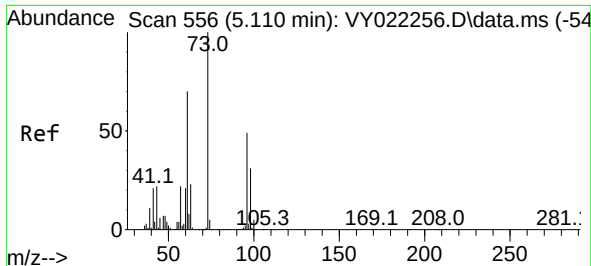
84 100

49 135.3 109.6 164.4

51 40.9 32.4 48.6

86 64.4 52.3 78.5

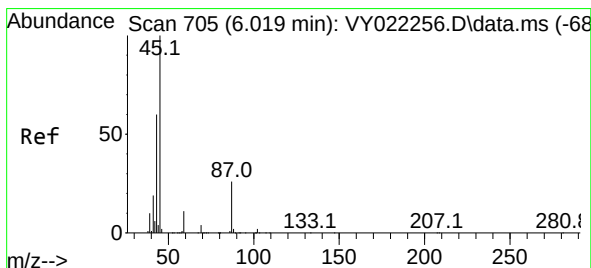
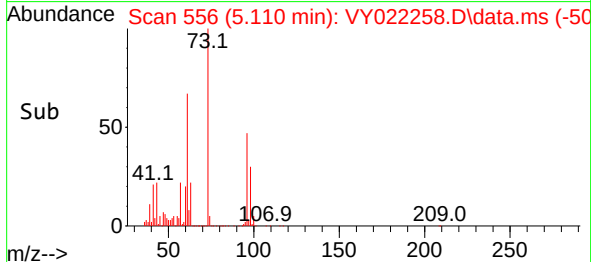
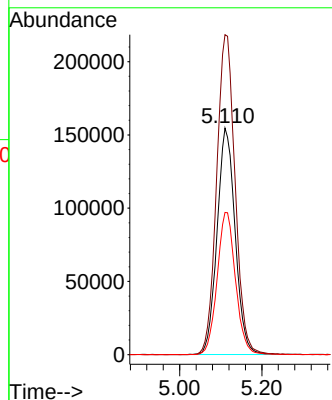
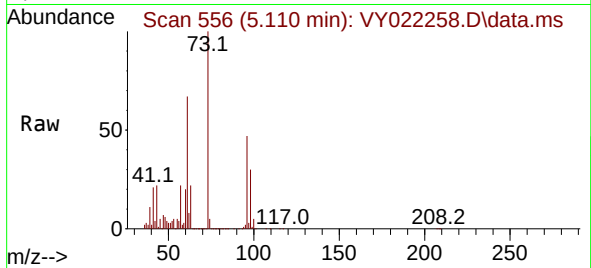




#21
trans-1,2-Dichloroethene
Concen: 147.547 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

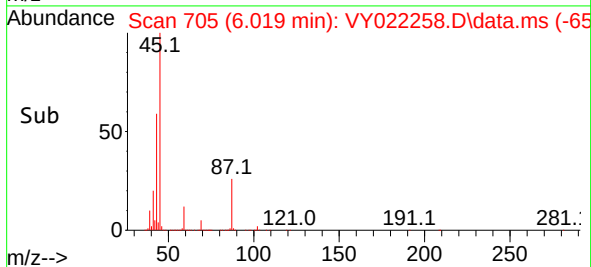
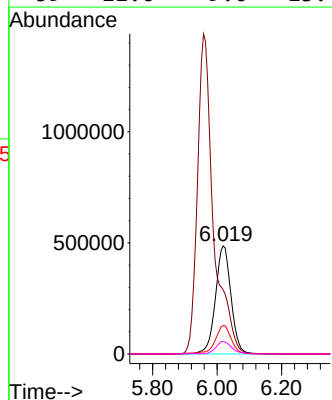
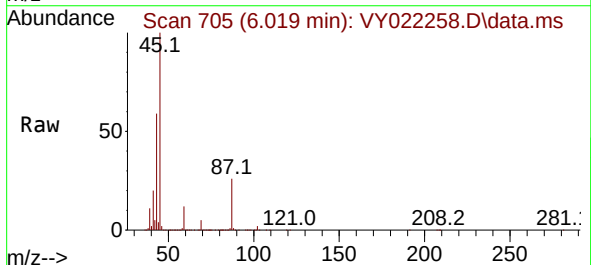
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

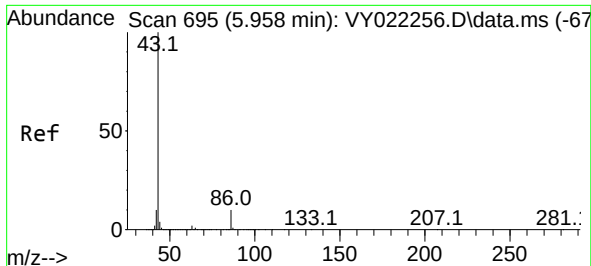
Tgt Ion: 96 Resp: 472143
Ion Ratio Lower Upper
96 100
61 141.3 113.4 170.0
98 62.8 50.9 76.3



#22
Diisopropyl ether
Concen: 151.557 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 45 Resp: 1626927
Ion Ratio Lower Upper
45 100
43 59.2 48.2 72.2
87 26.4 21.4 32.0
59 11.6 9.0 13.4

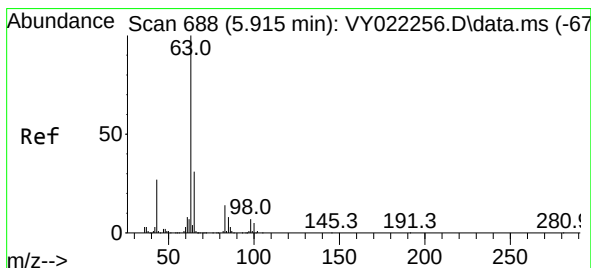
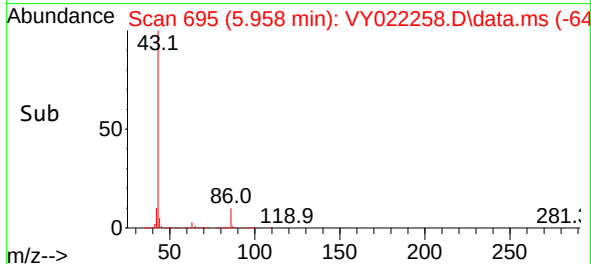
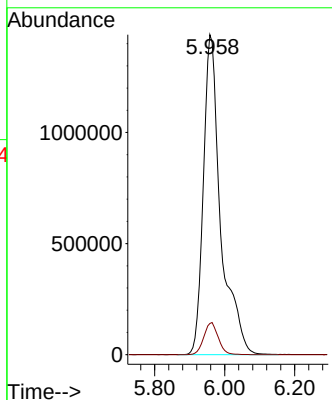
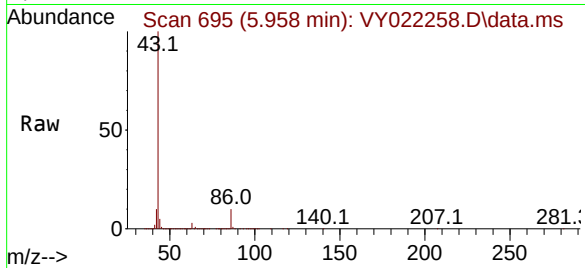




#23
 Vinyl Acetate
 Concen: 763.831 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

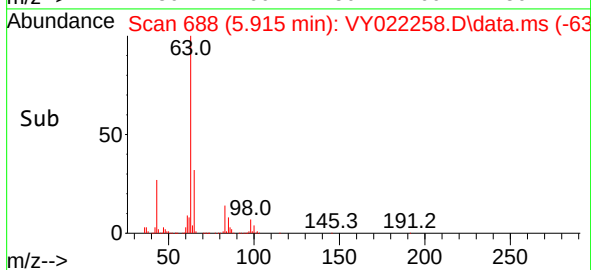
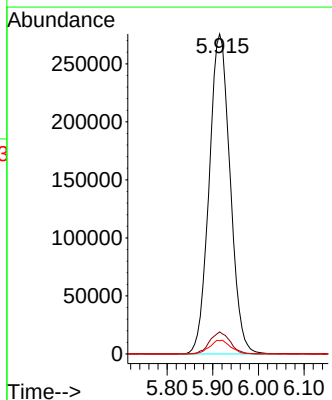
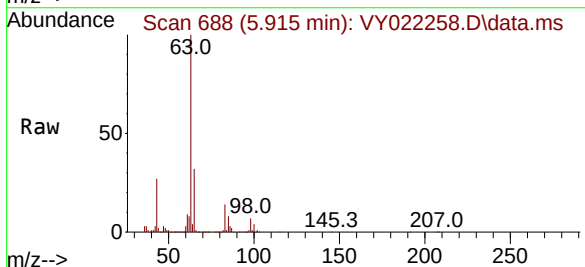
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

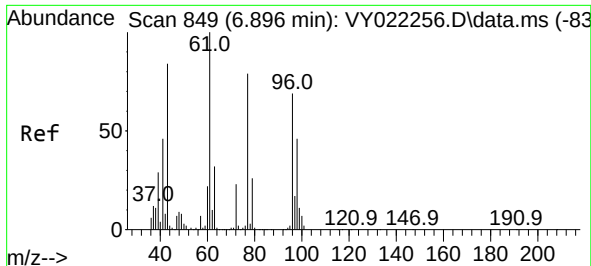
Tgt Ion: 43 Resp: 4953644
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 146.697 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion: 63 Resp: 879785
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.4 7.2

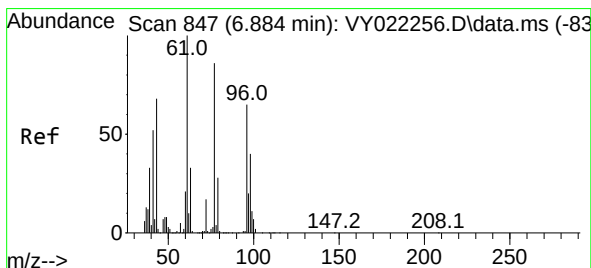
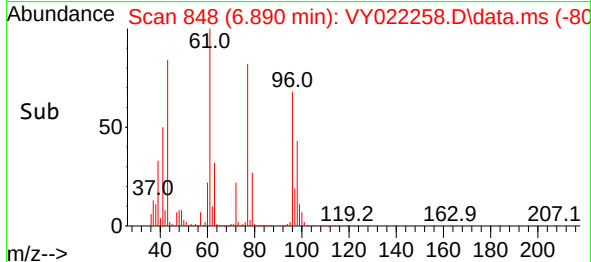
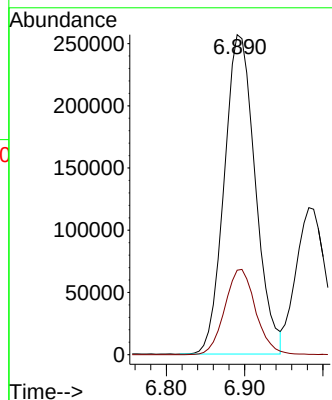
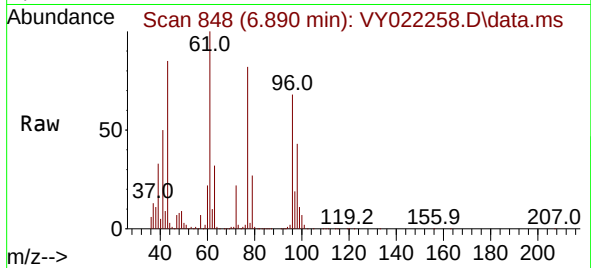




#25
2-Butanone
Concen: 762.091 ug/l
RT: 6.890 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

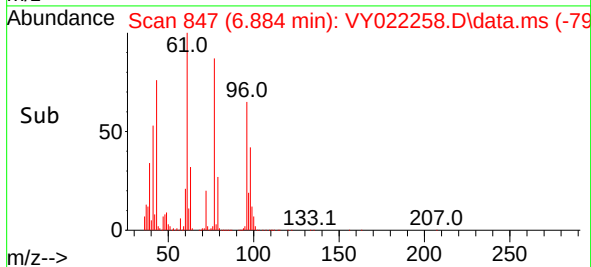
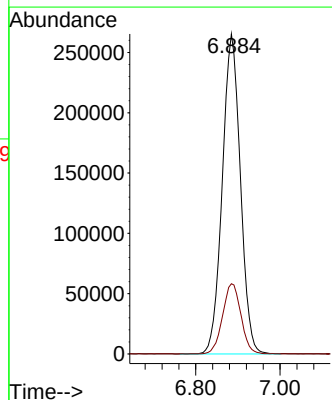
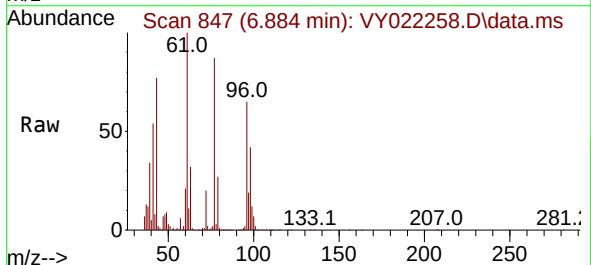
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

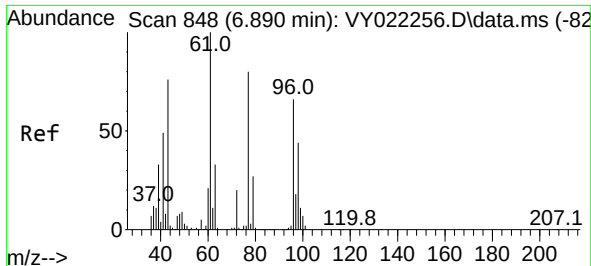
Tgt Ion: 43 Resp: 708010
Ion Ratio Lower Upper
43 100
72 26.4 22.1 33.1



#26
2,2-Dichloropropane
Concen: 147.575 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 77 Resp: 787195
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5

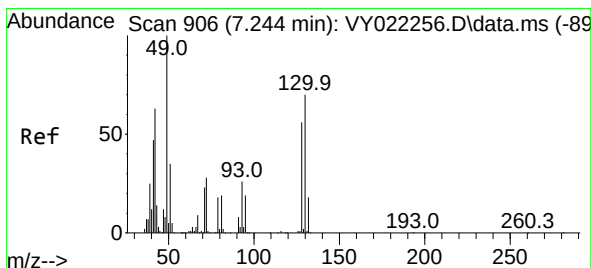
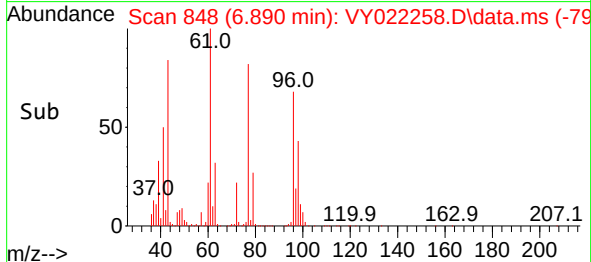
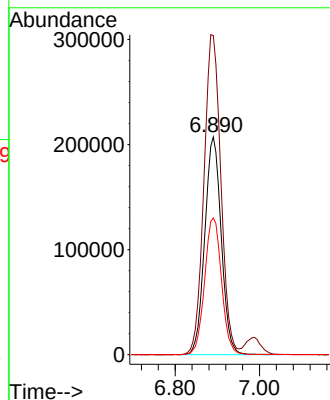
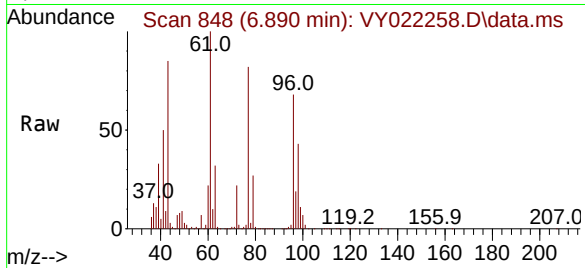




#27
 cis-1,2-Dichloroethene
 Concen: 152.601 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

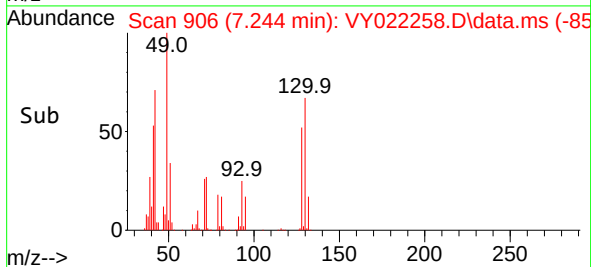
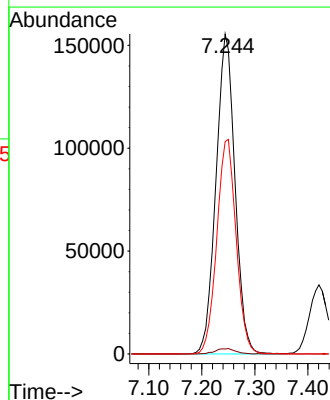
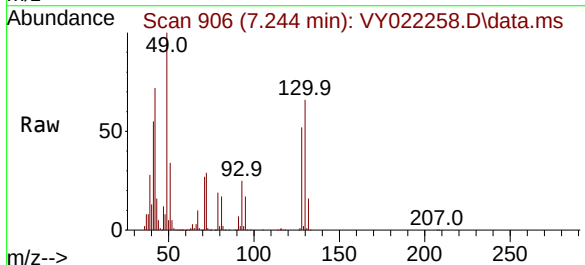
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

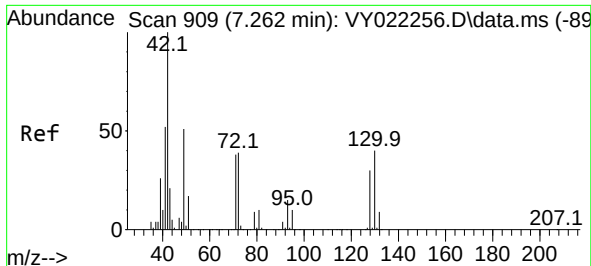
Tgt Ion: 96 Resp: 563503
 Ion Ratio Lower Upper
 96 100
 61 151.2 0.0 302.6
 98 64.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 151.369 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion: 49 Resp: 387221
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 68.2 54.7 82.1

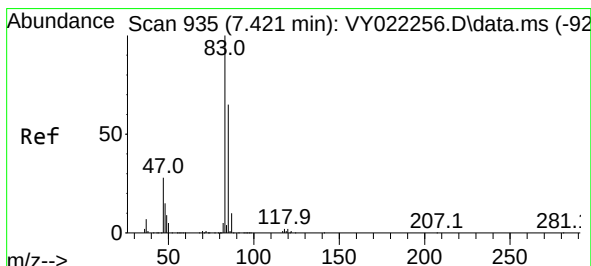
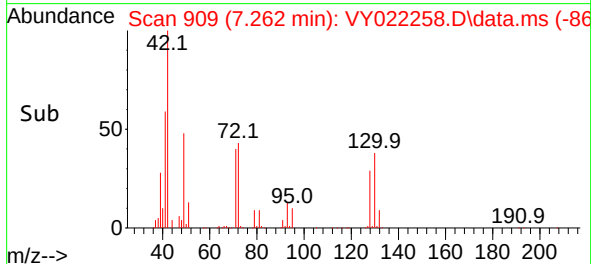
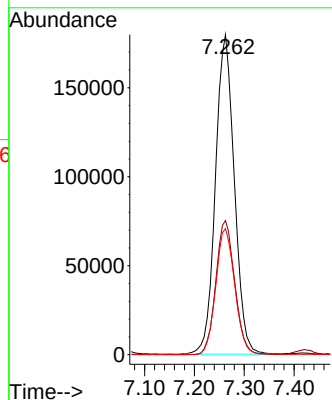
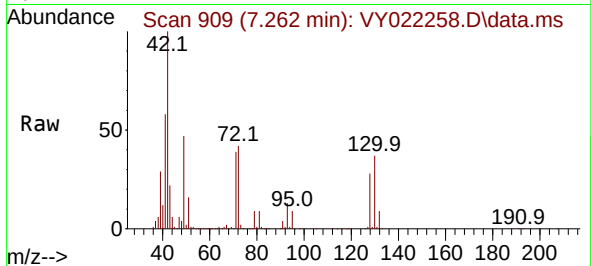




#29
Tetrahydrofuran
Concen: 790.072 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

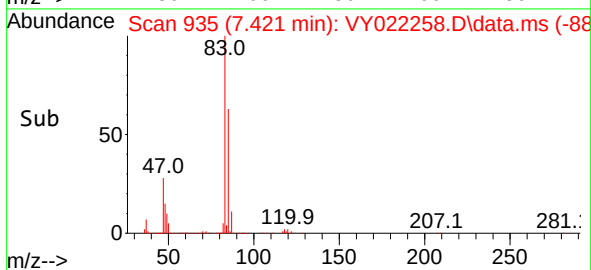
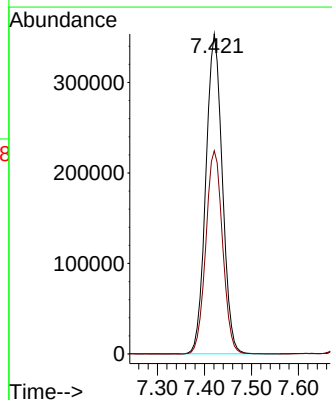
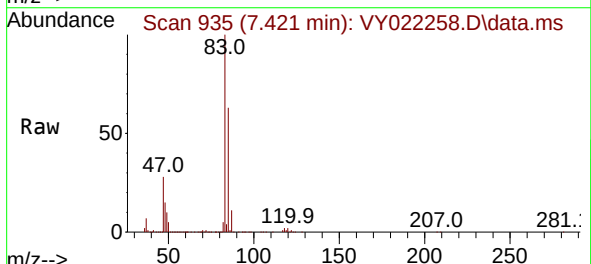
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

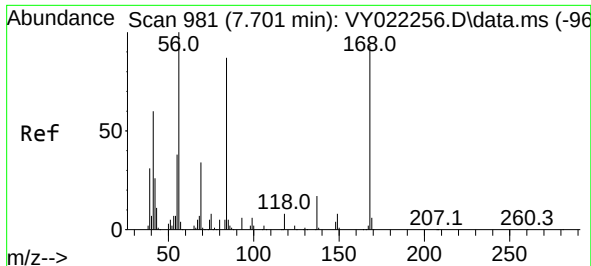
Tgt Ion: 42 Resp: 472224
Ion Ratio Lower Upper
42 100
72 42.0 33.8 50.6
71 39.6 31.5 47.3



#30
Chloroform
Concen: 149.381 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 83 Resp: 859317
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.8

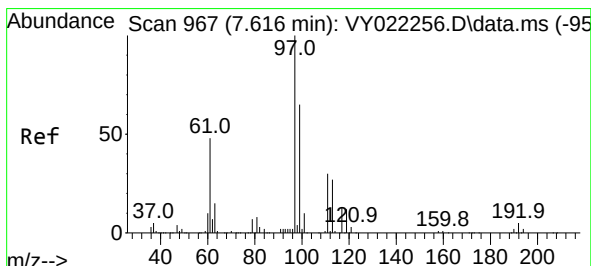
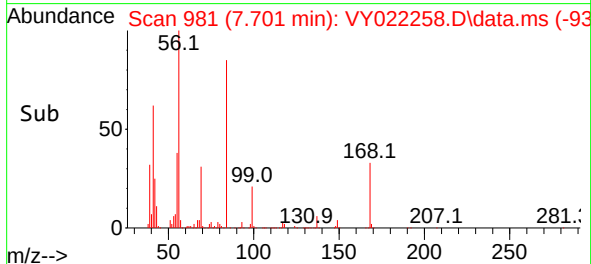
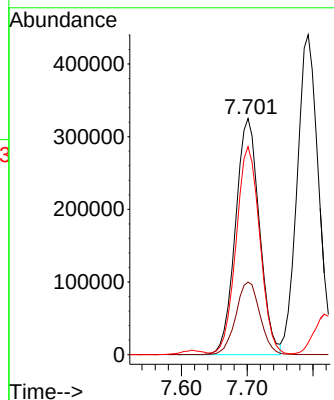
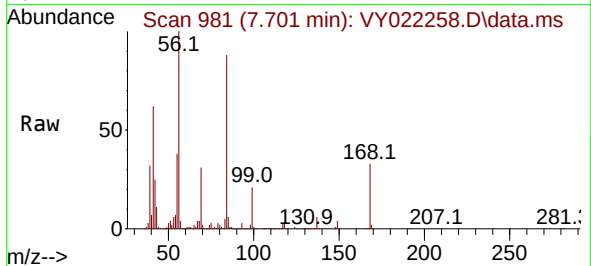




#31
Cyclohexane
Concen: 137.144 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

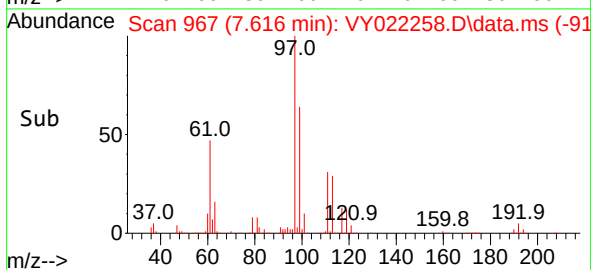
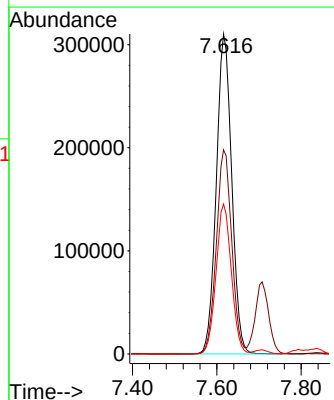
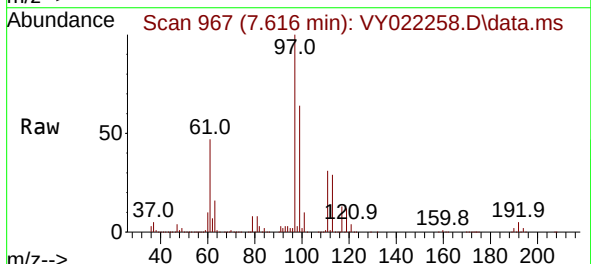
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

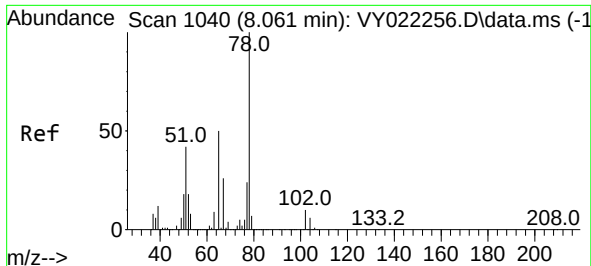
Tgt Ion: 56 Resp: 821784
Ion Ratio Lower Upper
56 100
69 30.7 27.4 41.2
84 87.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 148.554 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 97 Resp: 784014
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 46.7 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 153.739 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

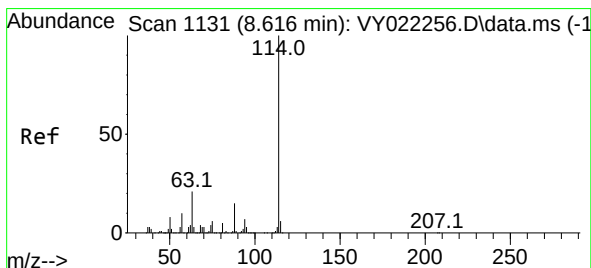
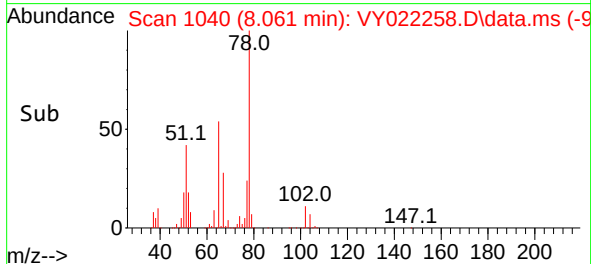
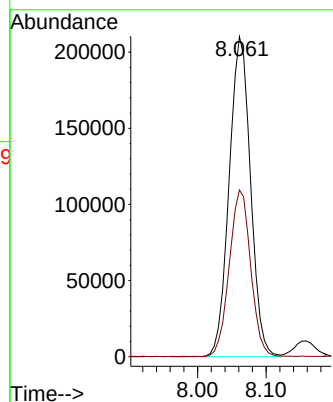
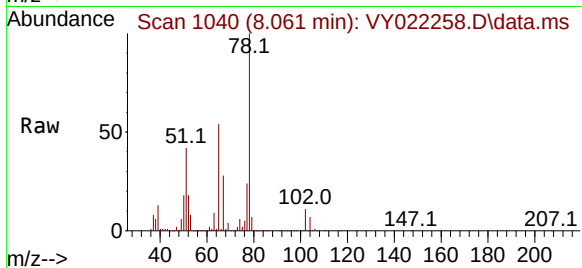
VSTDIC150

Tgt Ion: 65 Resp: 455385

Ion Ratio Lower Upper

65 100

67 52.0 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: VY022258.D

Acq: 15 May 2025 11:47

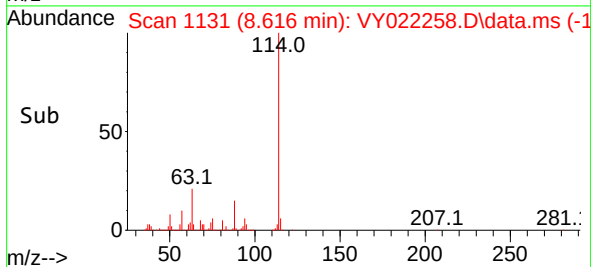
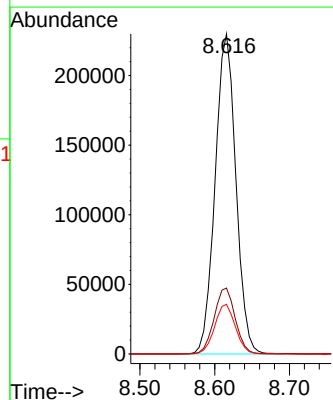
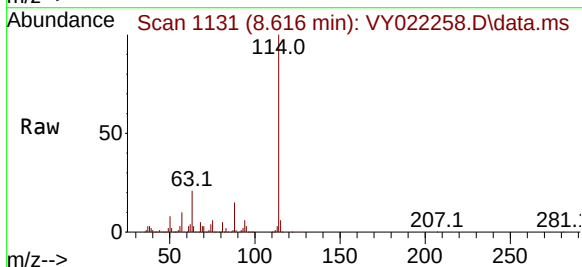
Tgt Ion: 114 Resp: 442917

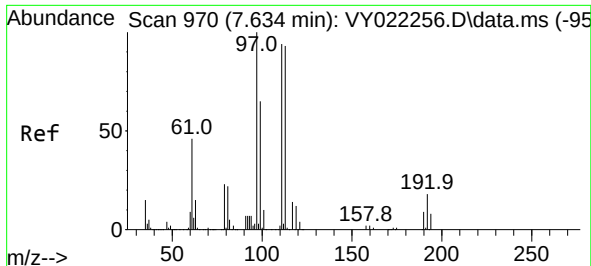
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.0

88 15.5 0.0 29.4

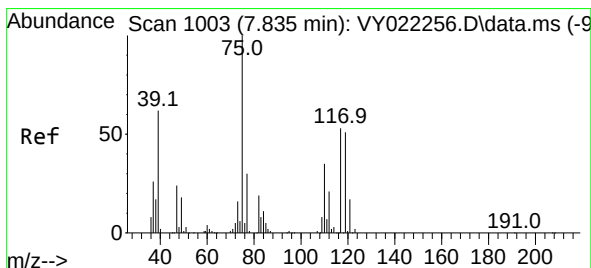
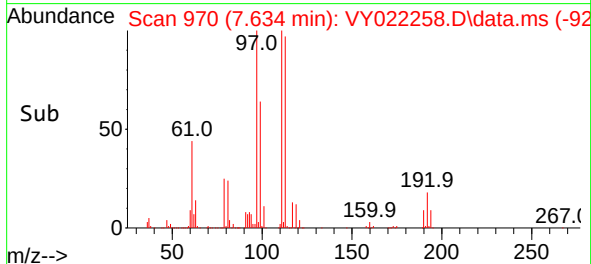
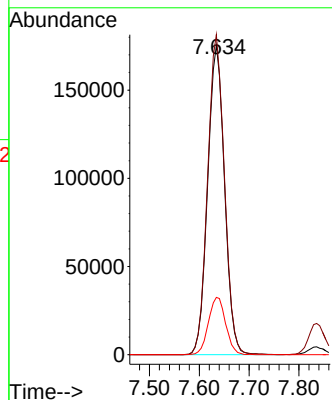
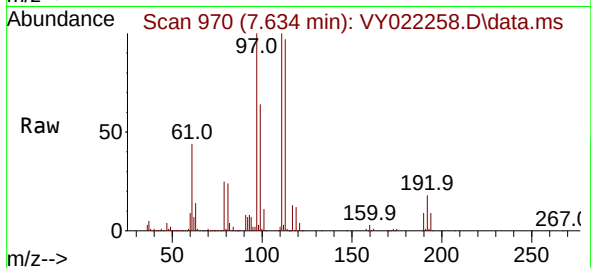




#35
Dibromofluoromethane
Concen: 155.969 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

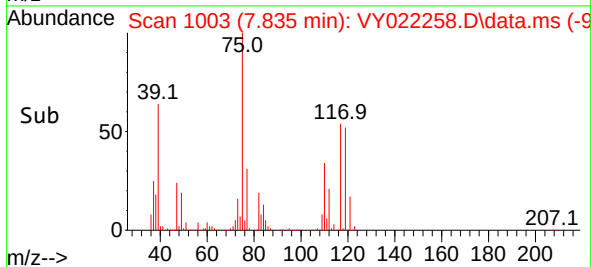
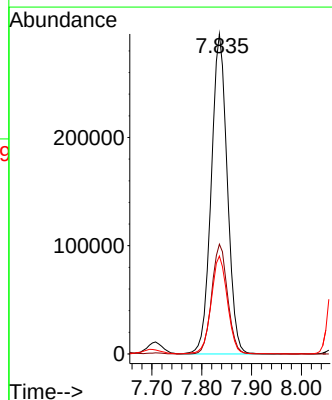
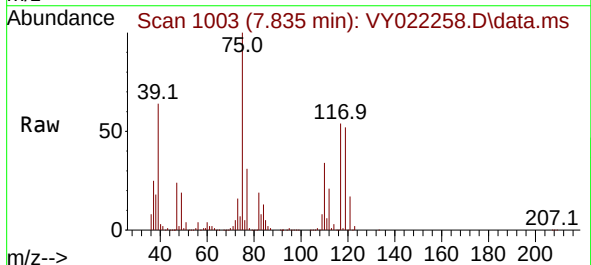
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

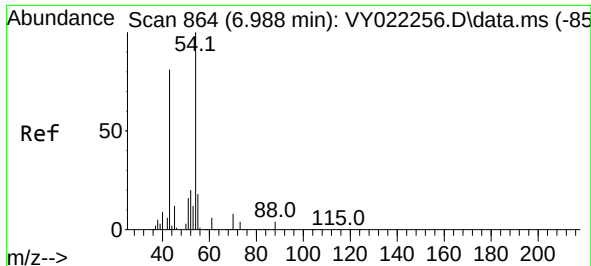
Tgt Ion:113 Resp: 412318
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 151.316 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 75 Resp: 658871
Ion Ratio Lower Upper
75 100
110 33.9 16.6 49.8
77 30.7 24.6 37.0

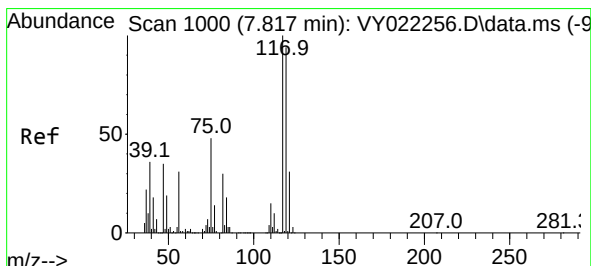
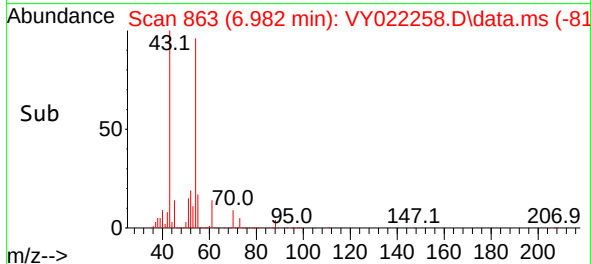
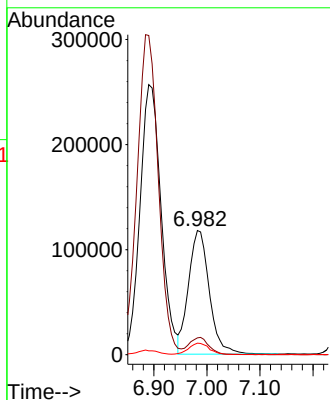
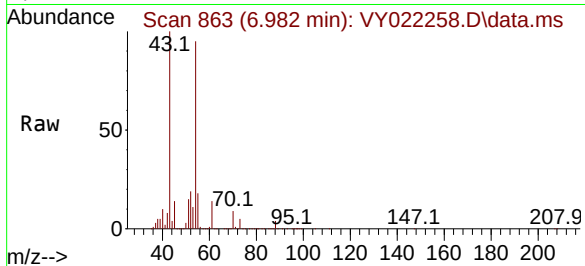




#37
Ethyl Acetate
Concen: 153.067 ug/l
RT: 6.982 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

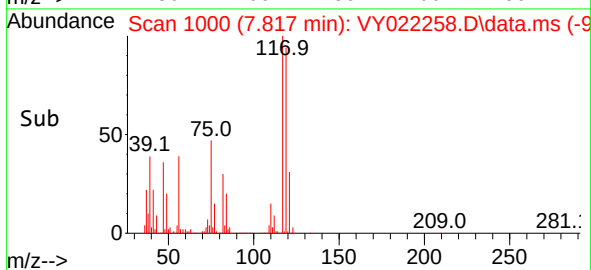
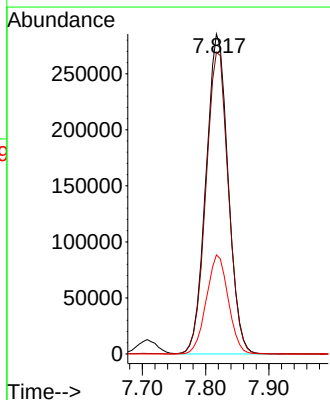
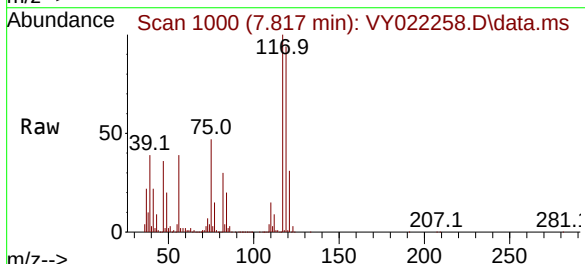
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

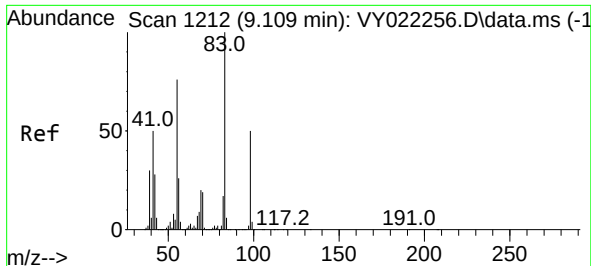
Tgt Ion: 43 Resp: 320686
Ion Ratio Lower Upper
43 100
61 13.3 10.2 15.2
70 9.3 7.6 11.4



#38
Carbon Tetrachloride
Concen: 154.450 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 117 Resp: 696139
Ion Ratio Lower Upper
117 100
119 94.3 75.3 112.9
121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 151.510 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

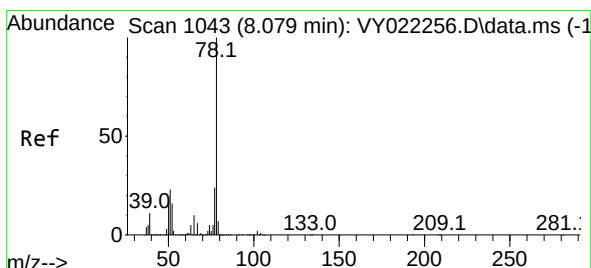
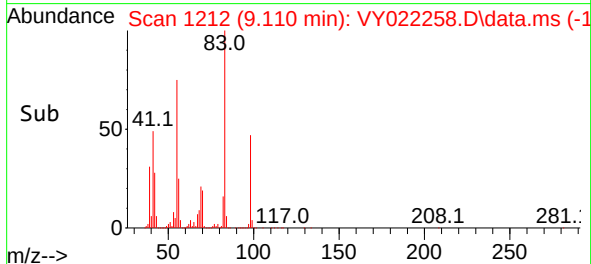
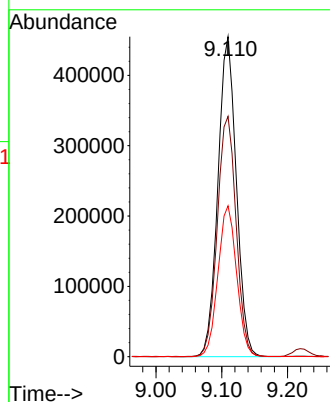
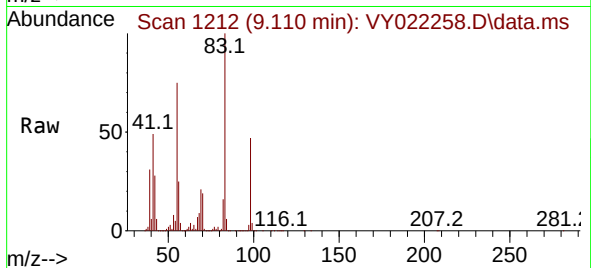
Tgt Ion: 83 Resp: 886329

Ion Ratio Lower Upper

83 100

55 75.1 60.6 90.8

98 47.2 40.0 60.0



#40

Benzene

Concen: 153.973 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022258.D

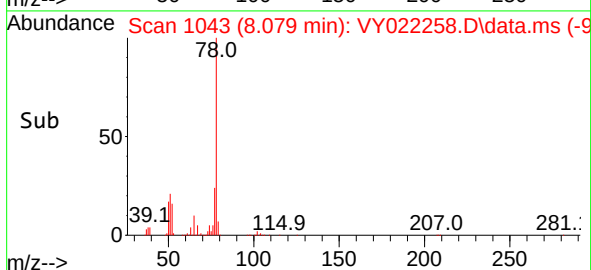
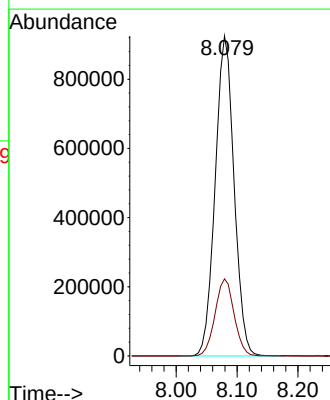
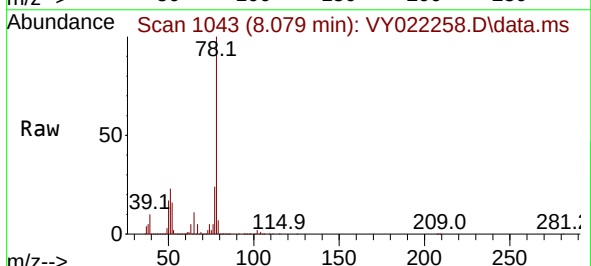
Acq: 15 May 2025 11:47

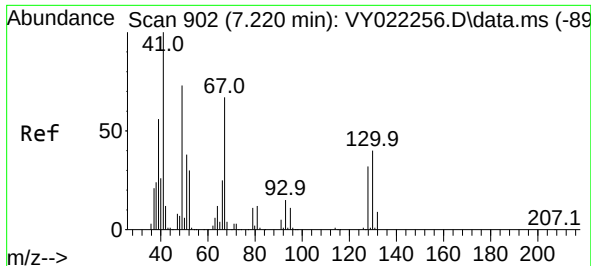
Tgt Ion: 78 Resp: 1987535

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3

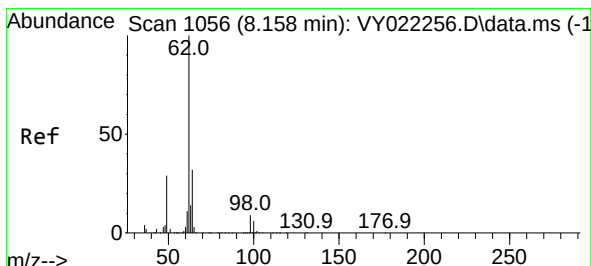
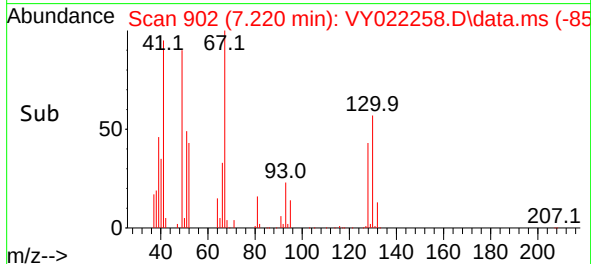
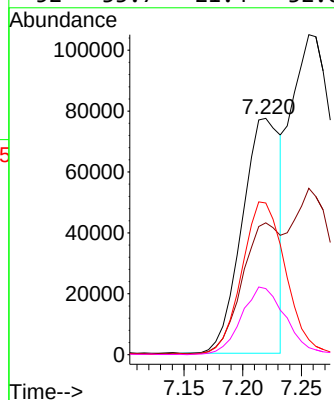
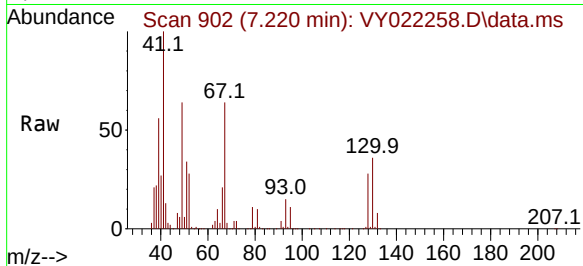




#41
Methacrylonitrile
Concen: 114.006 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

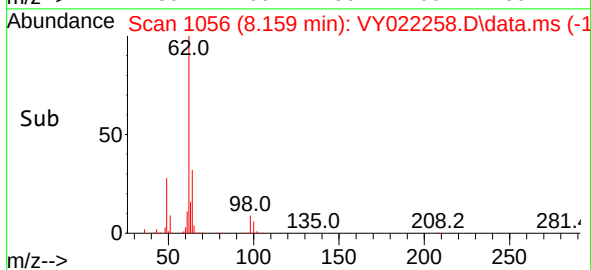
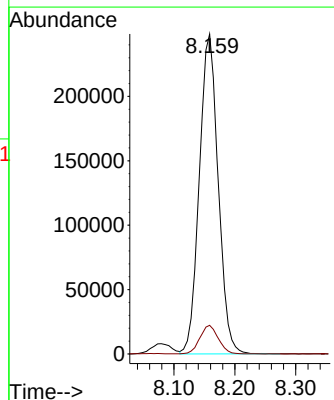
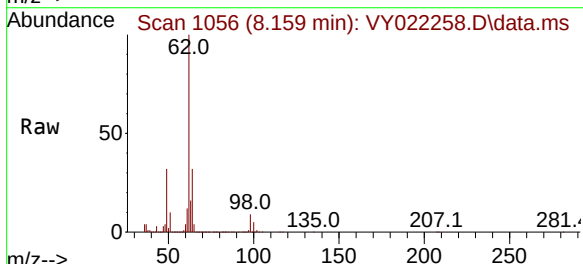
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

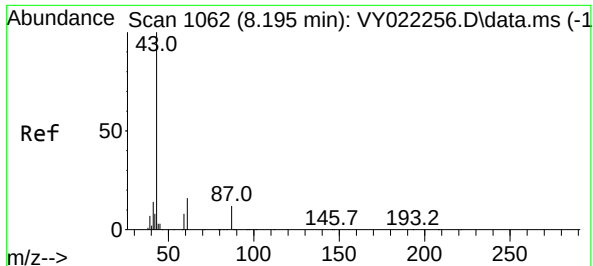
Tgt Ion: 41 Resp: 174771
Ion Ratio Lower Upper
41 100
39 55.2 39.1 58.7
67 74.7 47.1 70.7#
52 33.7 21.4 32.0#



#42
1,2-Dichloroethane
Concen: 153.124 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 62 Resp: 534517
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.4

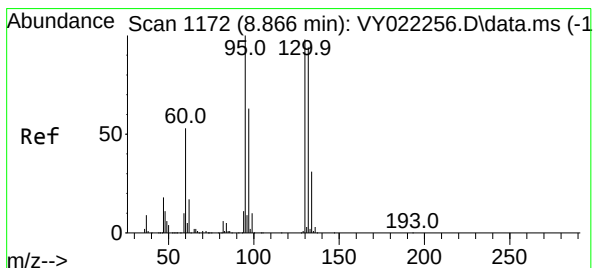
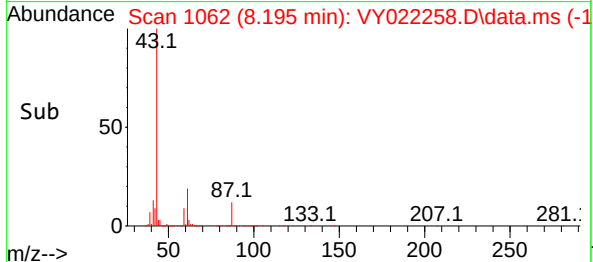
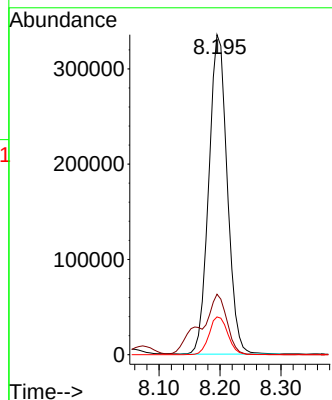
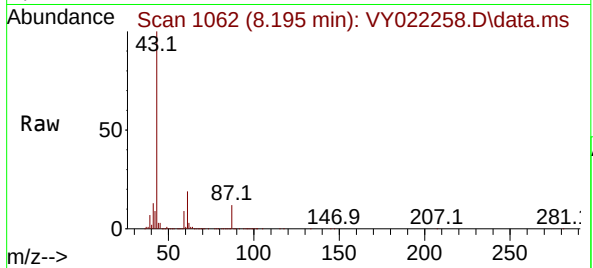




#43
Isopropyl Acetate
Concen: 154.159 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

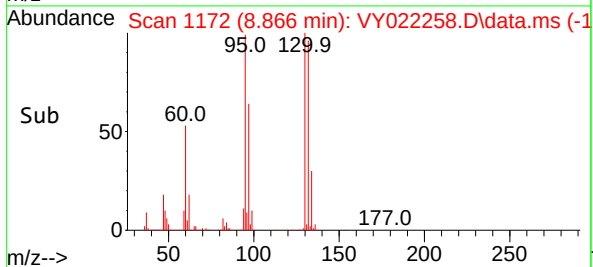
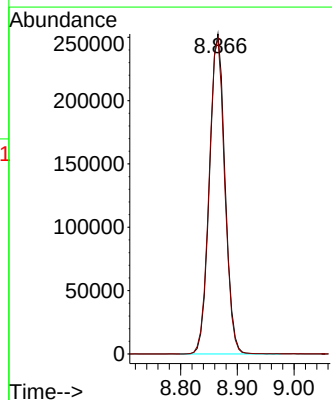
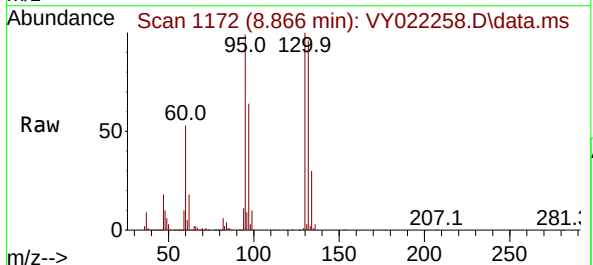
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

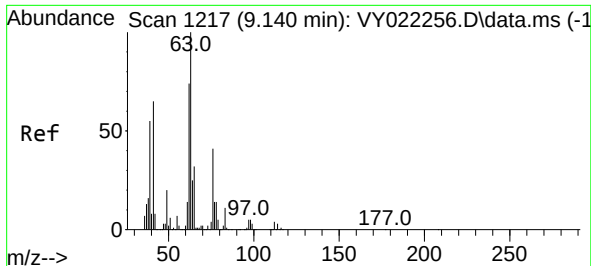
Tgt Ion: 43 Resp: 704366
Ion Ratio Lower Upper
43 100
61 27.0 15.1 22.7#
87 12.0 9.7 14.5



#44
Trichloroethene
Concen: 150.171 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:130 Resp: 481990
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.8





#45

1,2-Dichloropropane

Concen: 151.736 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

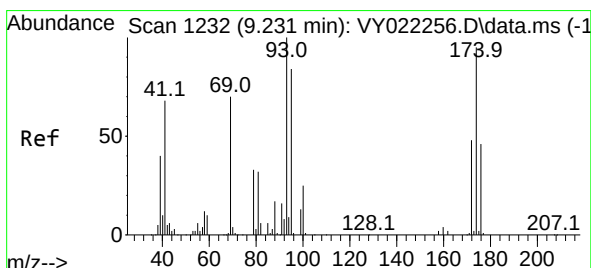
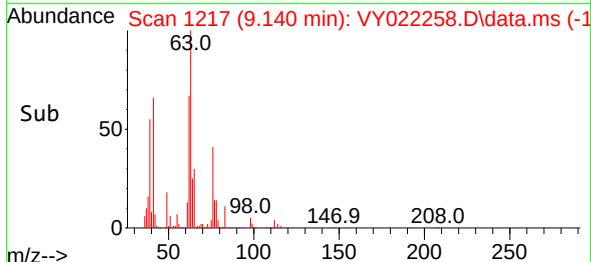
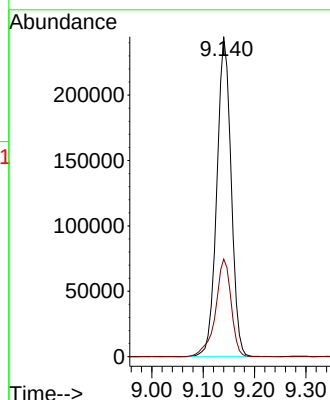
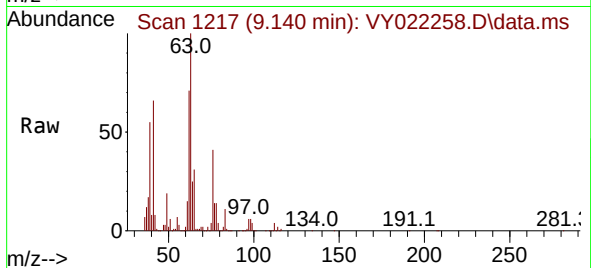
VSTDICC150

Tgt Ion: 63 Resp: 472217

Ion Ratio Lower Upper

63 100

65 30.5 25.7 38.5



#46

Dibromomethane

Concen: 153.757 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

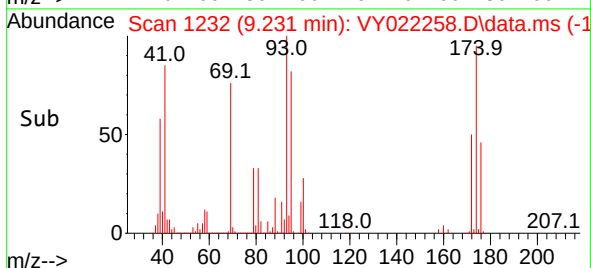
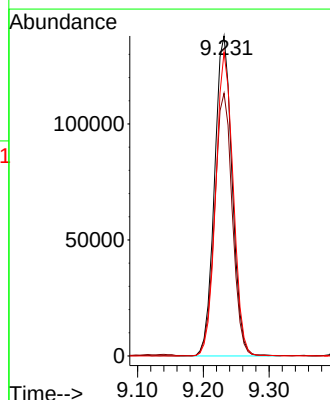
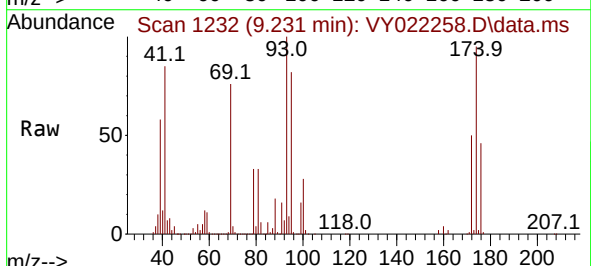
Tgt Ion: 93 Resp: 258087

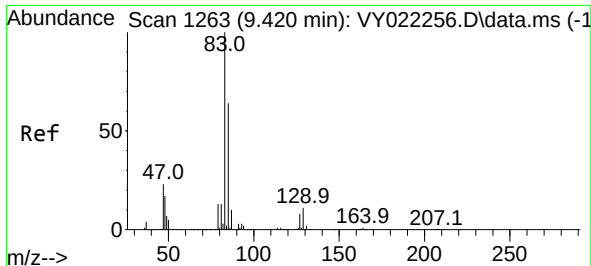
Ion Ratio Lower Upper

93 100

95 82.1 65.2 97.8

174 93.5 74.3 111.5

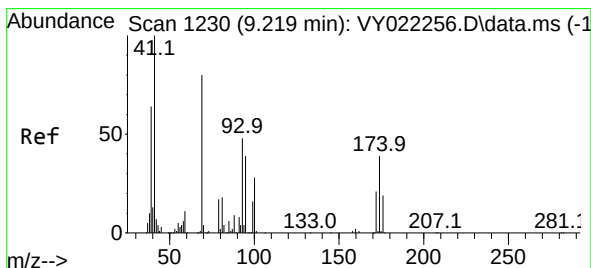
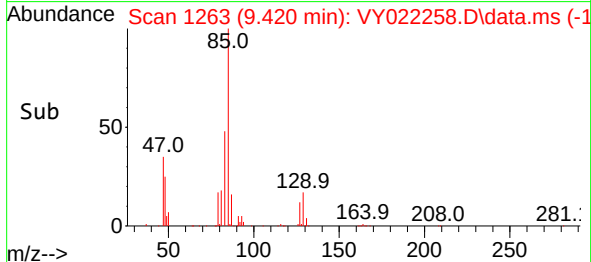
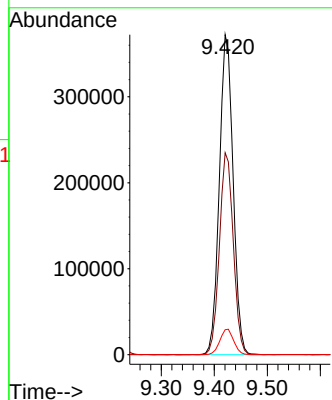
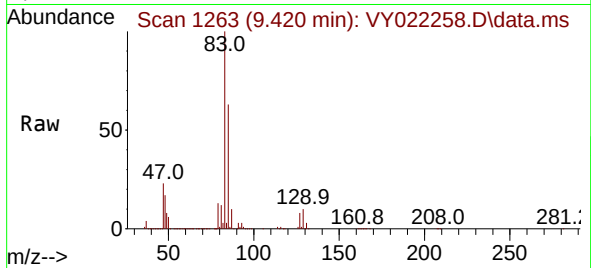




#47
Bromodichloromethane
Concen: 153.824 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

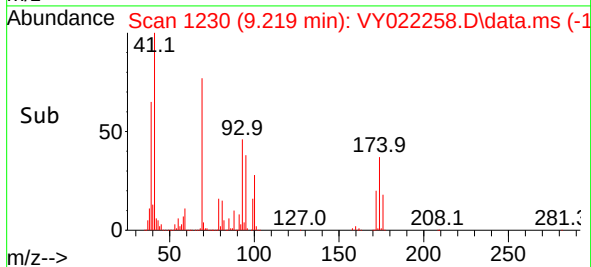
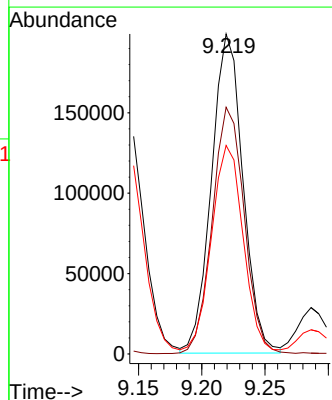
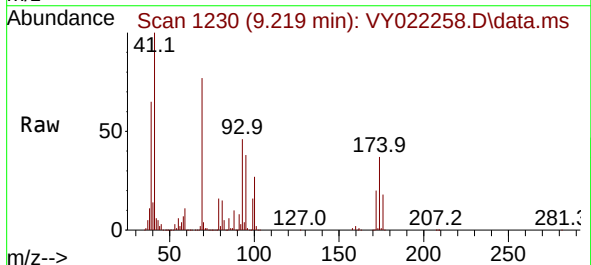
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

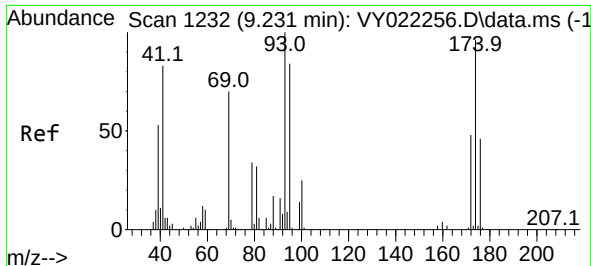
Tgt Ion: 83 Resp: 669834
Ion Ratio Lower Upper
83 100
85 63.1 51.1 76.7
127 7.8 6.6 10.0



#48
Methyl methacrylate
Concen: 161.060 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 41 Resp: 344147
Ion Ratio Lower Upper
41 100
69 78.5 63.5 95.3
39 64.1 50.8 76.2

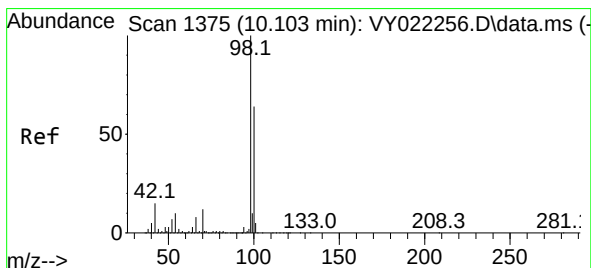
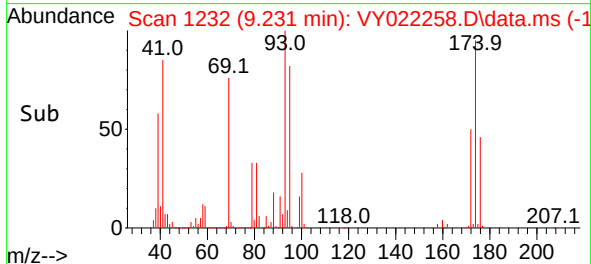
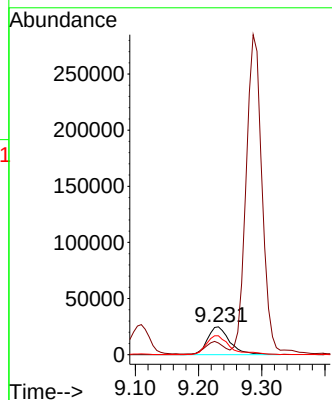
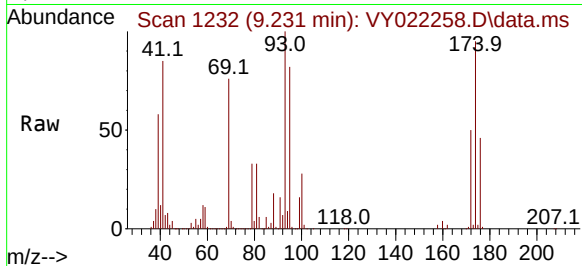




#49
1,4-Dioxane
Concen: 3217.888 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

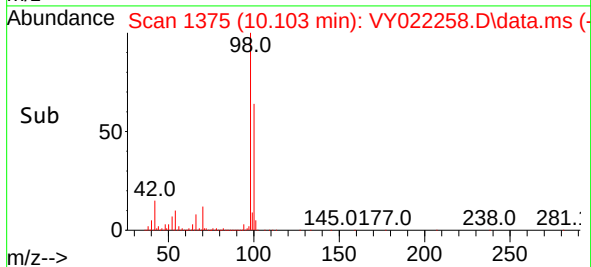
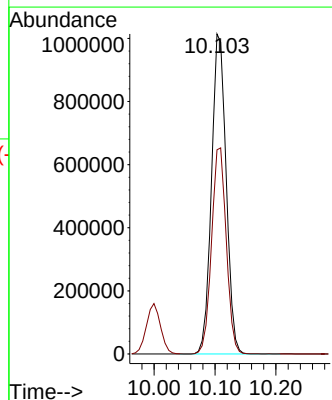
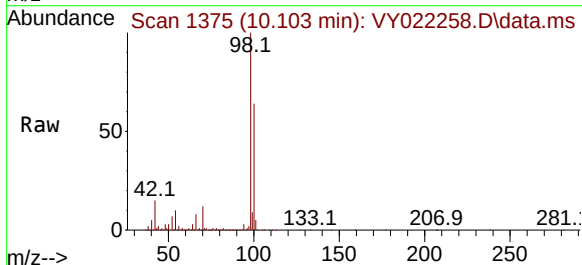
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

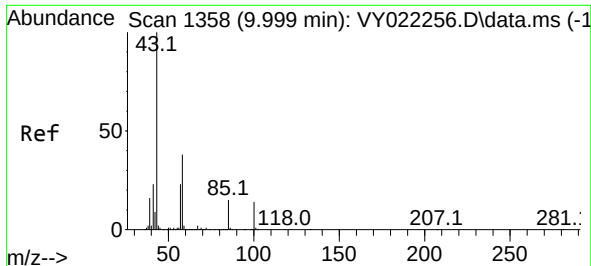
Tgt Ion: 88 Resp: 61019
Ion Ratio Lower Upper
88 100
43 36.9 28.5 42.7
58 71.3 61.4 92.2



#50
Toluene-d8
Concen: 156.065 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 98 Resp: 1689714
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.8

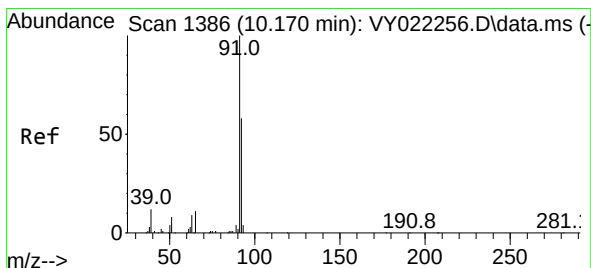
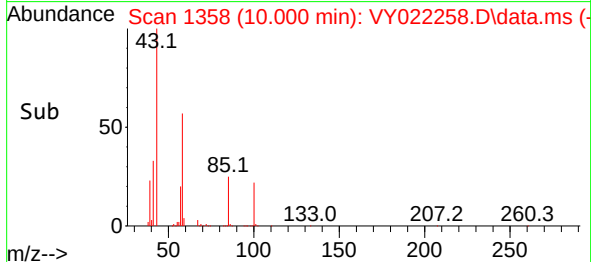
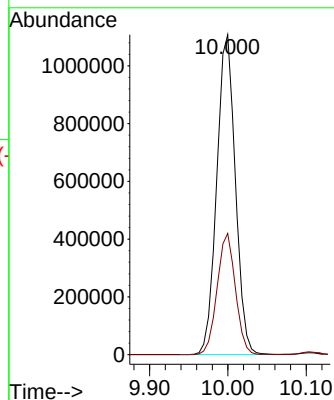
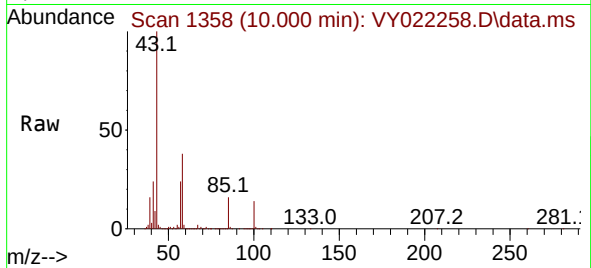




#51
4-Methyl-2-Pentanone
Concen: 815.822 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

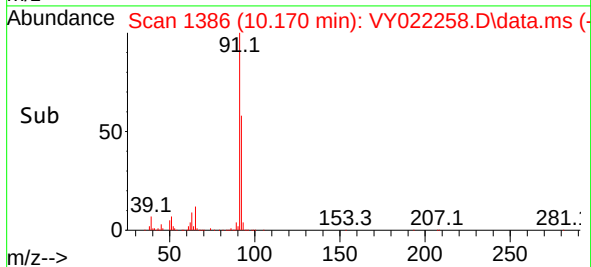
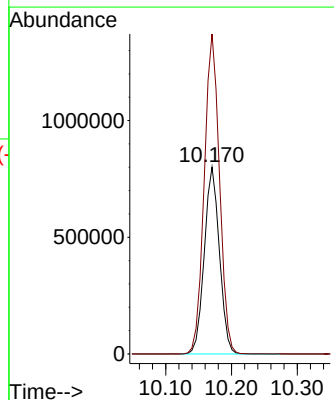
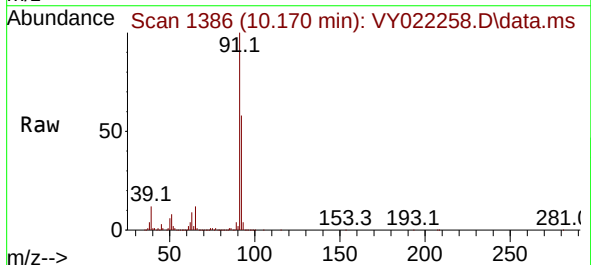
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

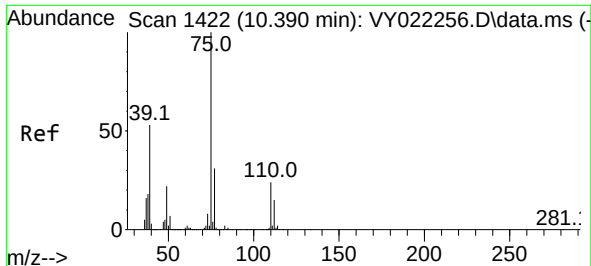
Tgt Ion: 43 Resp: 1829015
Ion Ratio Lower Upper
43 100
58 37.3 29.4 44.2



#52
Toluene
Concen: 156.216 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 92 Resp: 1276917
Ion Ratio Lower Upper
92 100
91 173.1 139.1 208.7

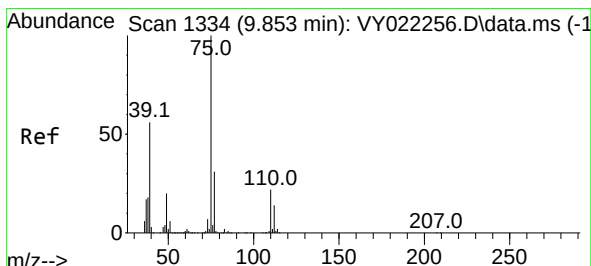
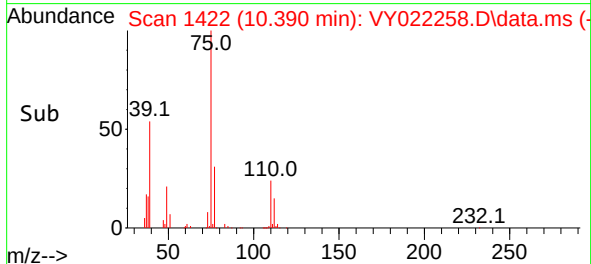
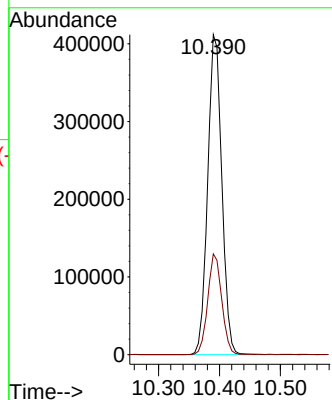
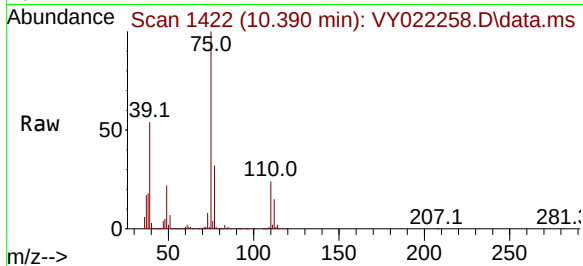




#53
 t-1,3-Dichloropropene
 Concen: 156.134 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

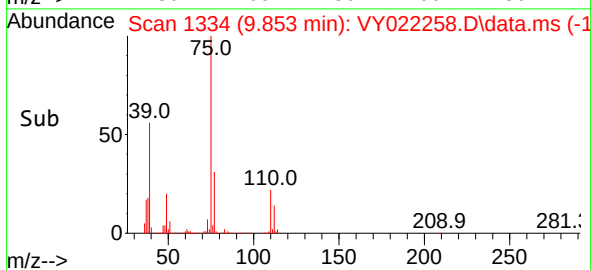
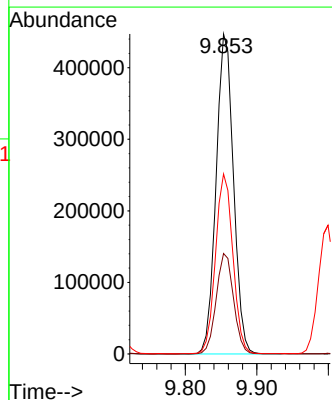
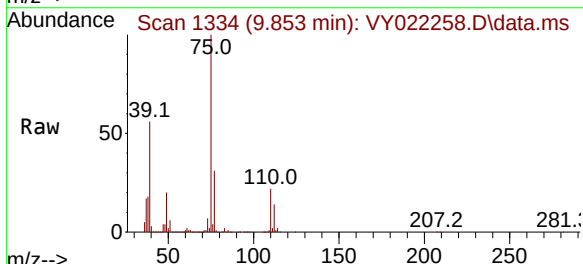
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

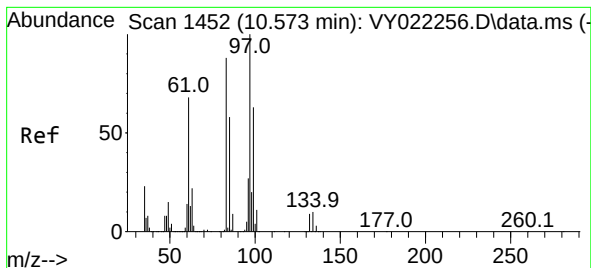
Tgt Ion: 75 Resp: 663513
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 154.963 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion: 75 Resp: 754493
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 56.2 44.5 66.7



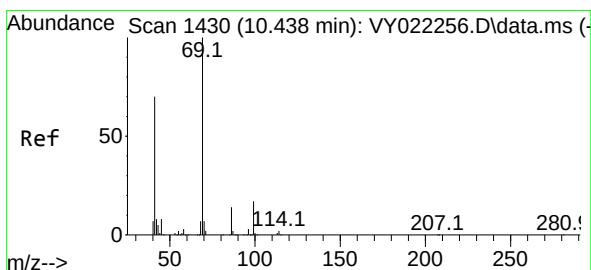
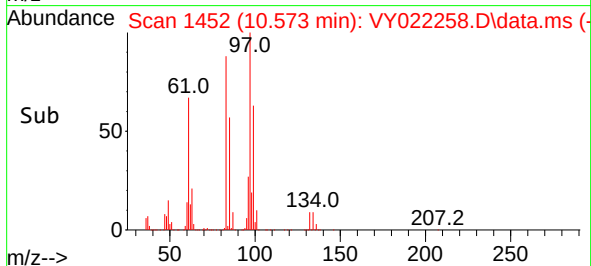
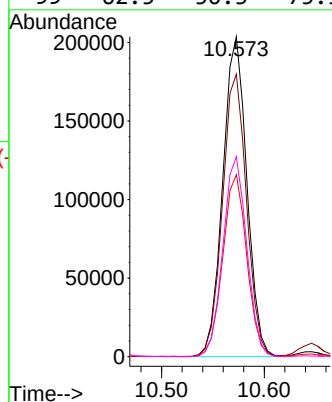
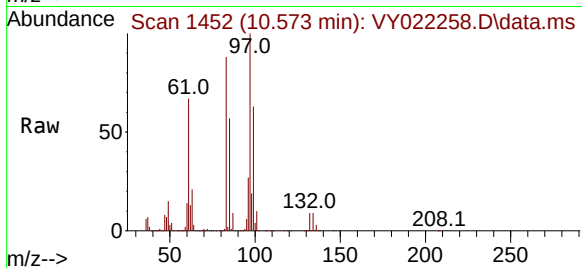


#55
1,1,2-Trichloroethane
Concen: 153.863 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 330716

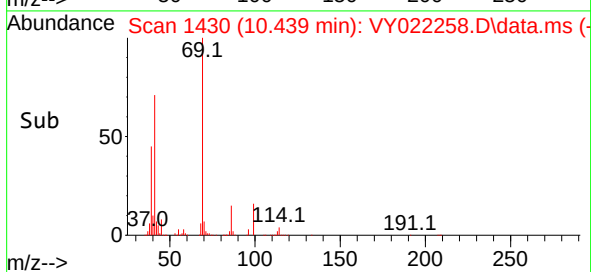
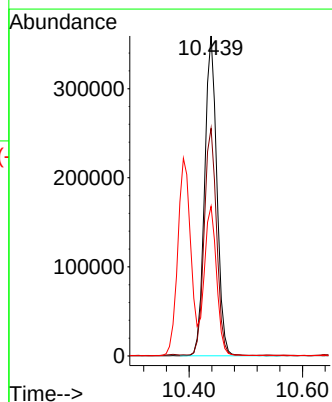
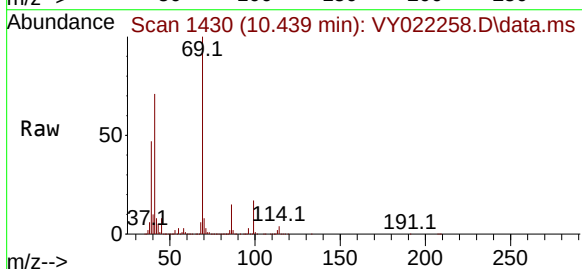
Ion	Ratio	Lower	Upper
97	100		
83	88.2	70.3	105.5
85	56.8	46.2	69.4
99	62.5	50.3	75.5

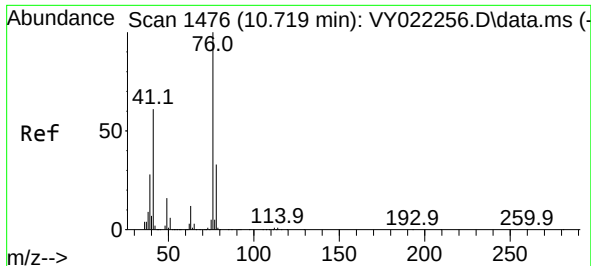


#56
Ethyl methacrylate
Concen: 160.058 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 69 Resp: 535897

Ion	Ratio	Lower	Upper
69	100		
41	72.0	56.5	84.7
39	46.8	37.1	55.7





#57

1,3-Dichloropropane

Concen: 152.987 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

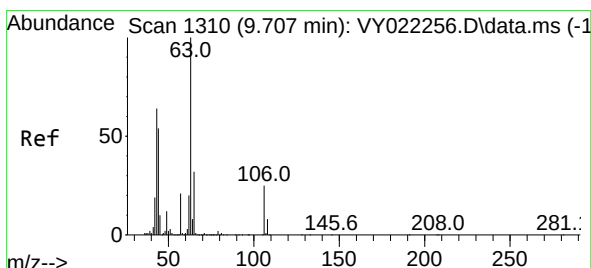
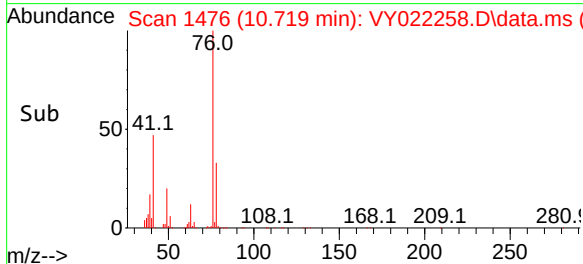
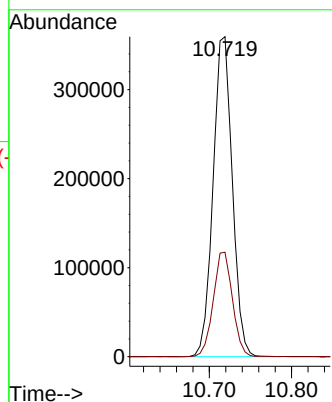
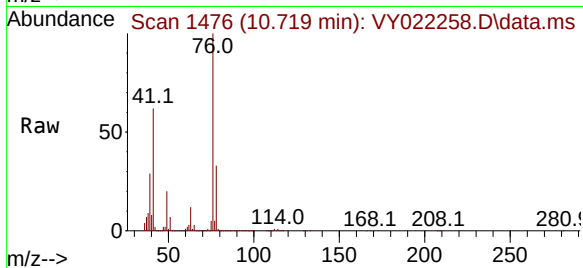
VSTDIC150

Tgt Ion: 76 Resp: 584253

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 898.675 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY022258.D

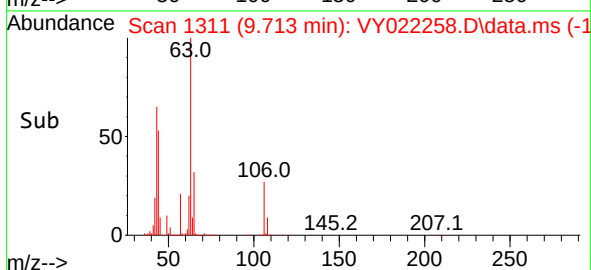
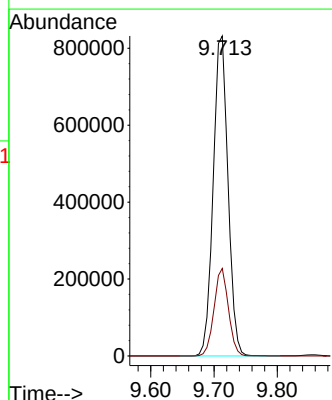
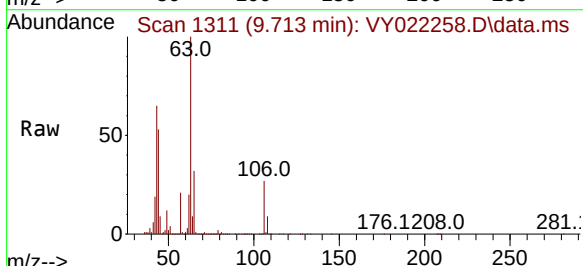
Acq: 15 May 2025 11:47

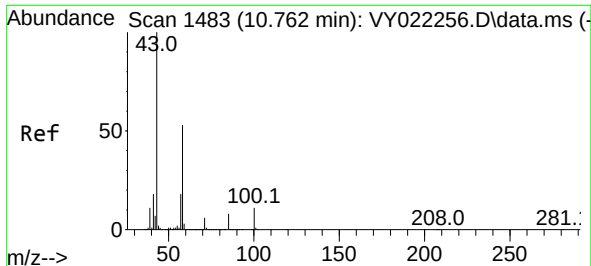
Tgt Ion: 63 Resp: 1350536

Ion Ratio Lower Upper

63 100

106 26.6 21.0 31.4

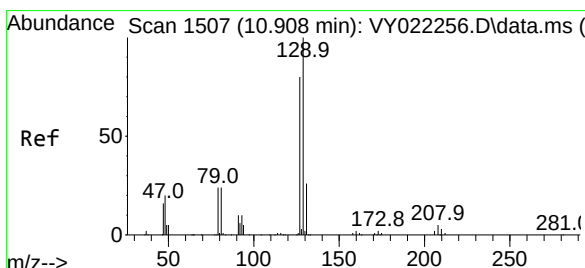
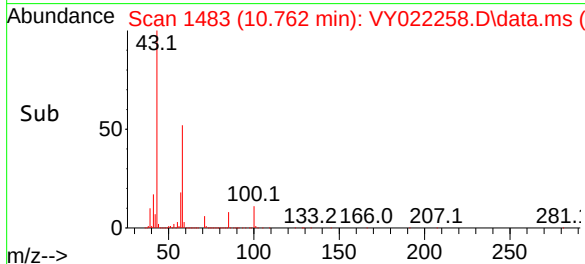
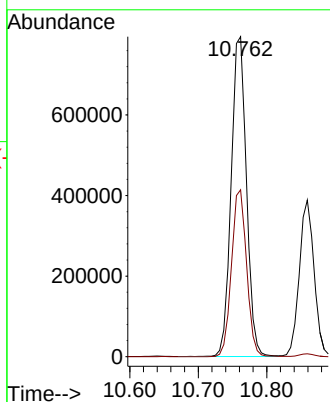
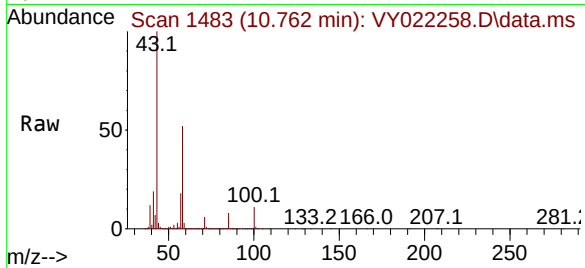




#59
2-Hexanone
Concen: 816.860 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

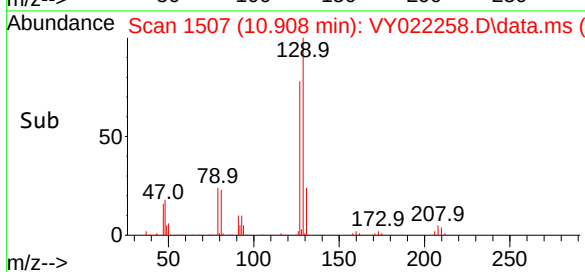
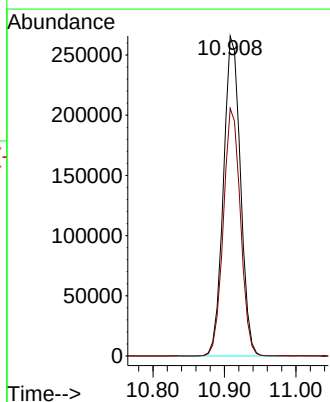
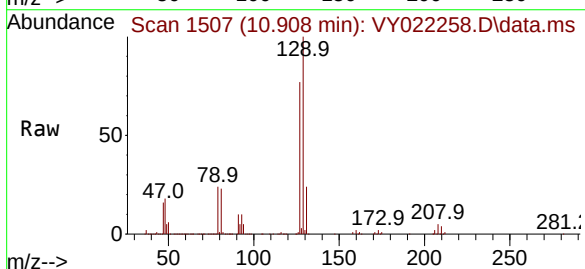
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

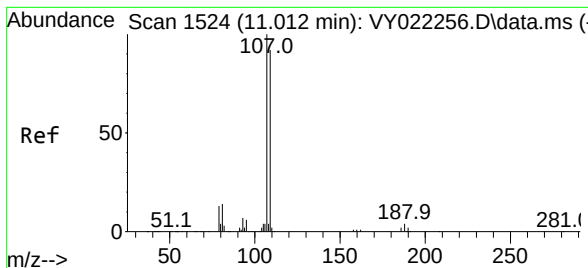
Tgt Ion: 43 Resp: 1227881
Ion Ratio Lower Upper
43 100
58 51.7 26.1 78.3



#60
Dibromochloromethane
Concen: 157.237 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 129 Resp: 438666
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

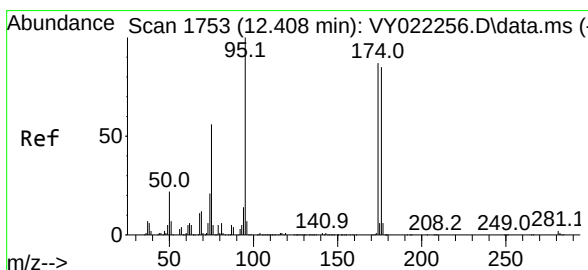
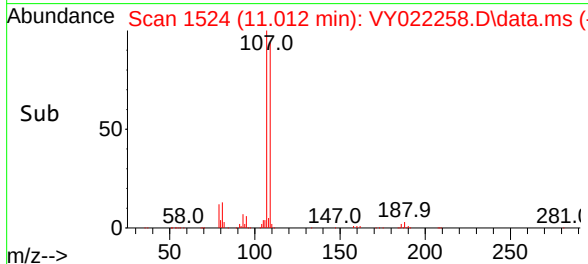
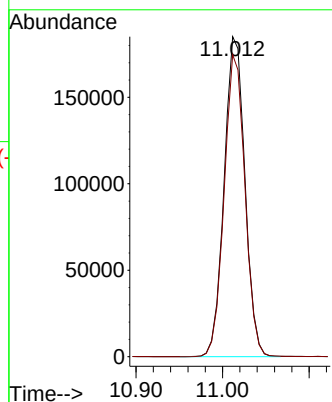
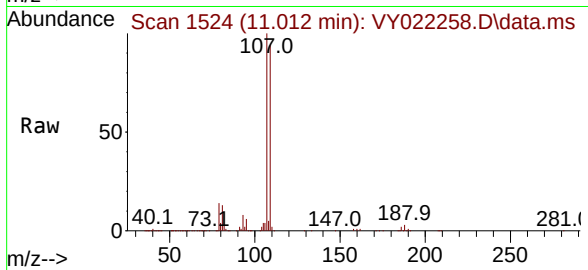




#61
1,2-Dibromoethane
Concen: 154.008 ug/l
RT: 11.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

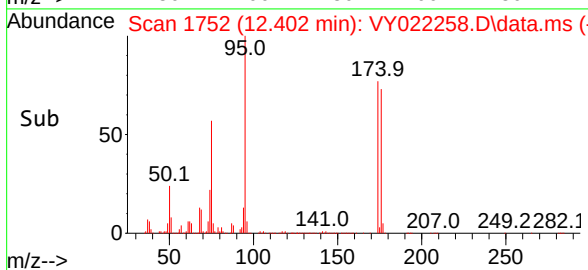
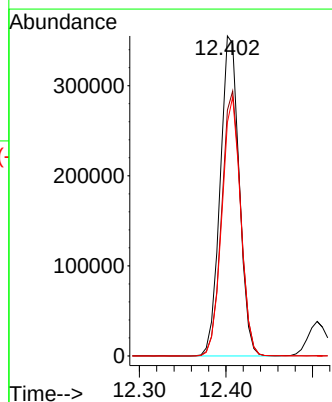
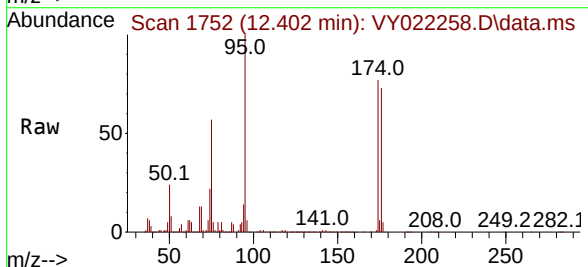
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

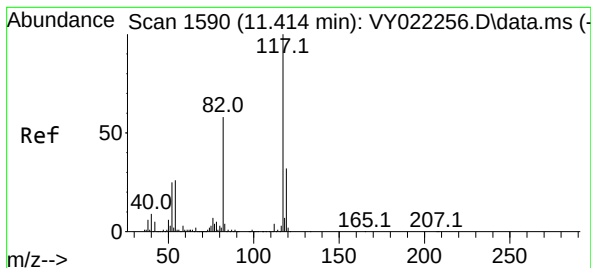
Tgt Ion:107 Resp: 308529
Ion Ratio Lower Upper
107 100
109 94.4 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 157.751 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 95 Resp: 541367
Ion Ratio Lower Upper
95 100
174 82.5 0.0 166.8
176 79.8 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

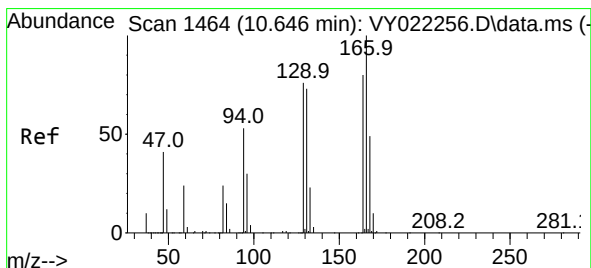
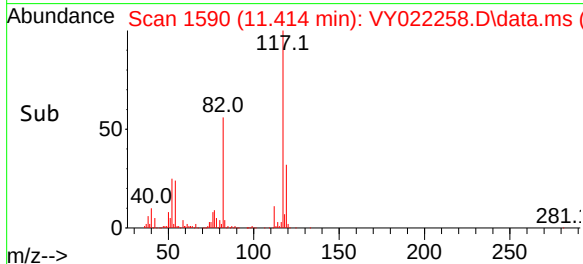
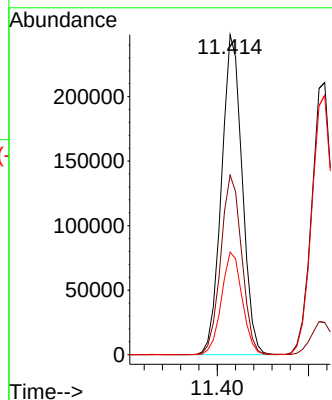
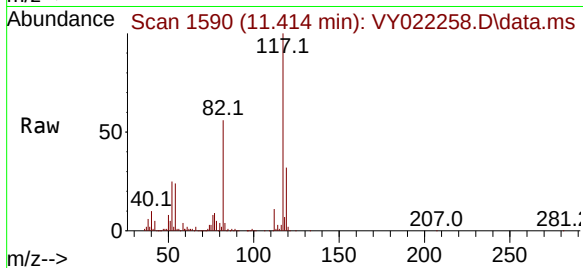
Tgt Ion:117 Resp: 389769

Ion Ratio Lower Upper

117 100

82 56.0 46.6 70.0

119 32.0 25.8 38.6



#64

Tetrachloroethene

Concen: 139.237 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion:164 Resp: 501627

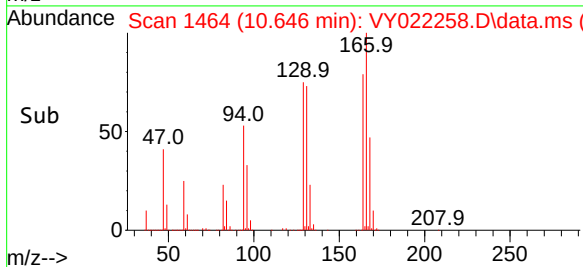
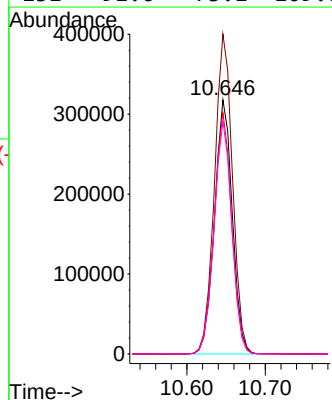
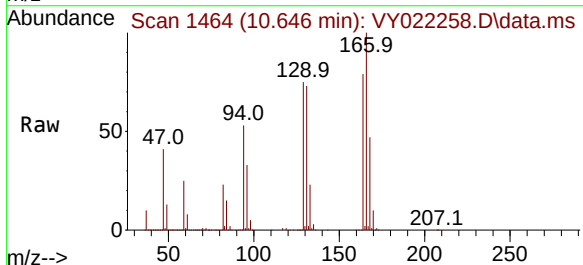
Ion Ratio Lower Upper

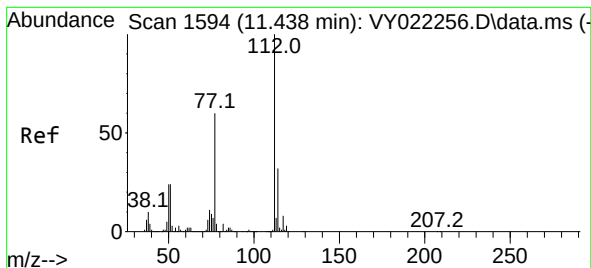
164 100

166 125.9 100.4 150.6

129 94.9 76.4 114.6

131 91.6 73.1 109.7

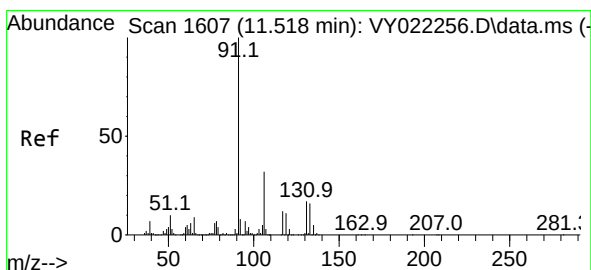
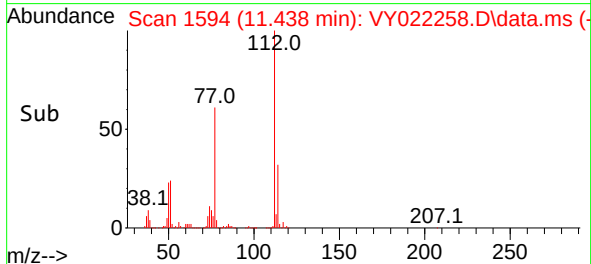
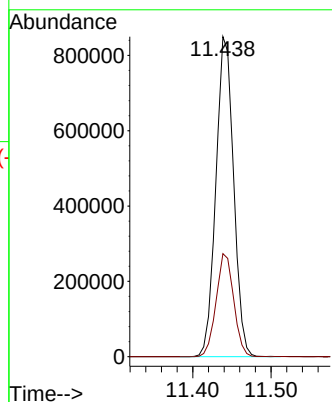
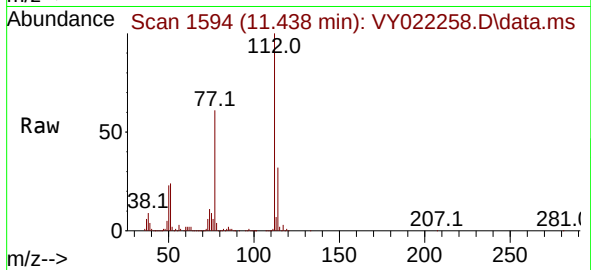




#65
Chlorobenzene
Concen: 151.997 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

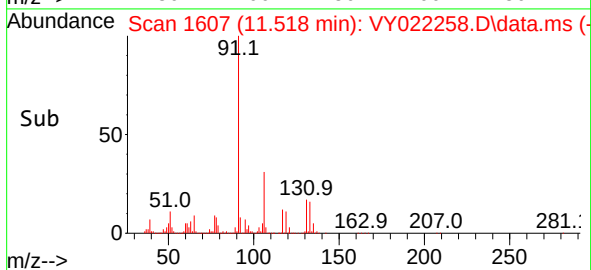
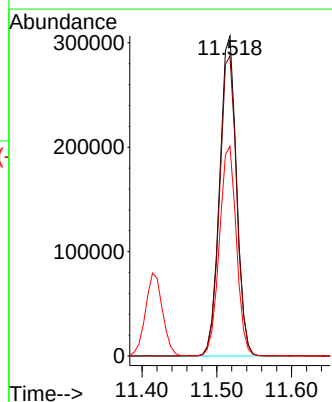
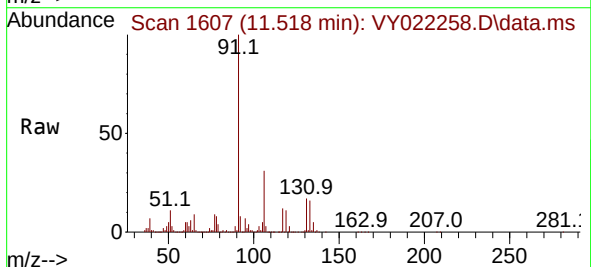
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

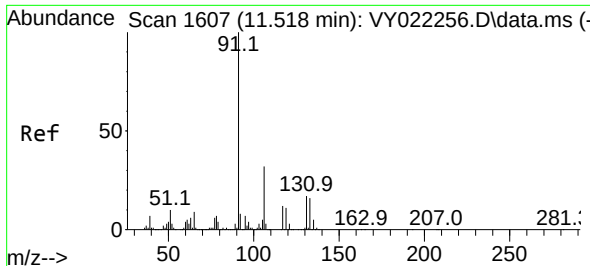
Tgt Ion:112 Resp: 1336594
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 158.952 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:131 Resp: 480525
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.9
119 66.2 33.1 99.2





#67

Ethyl Benzene

Concen: 157.756 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

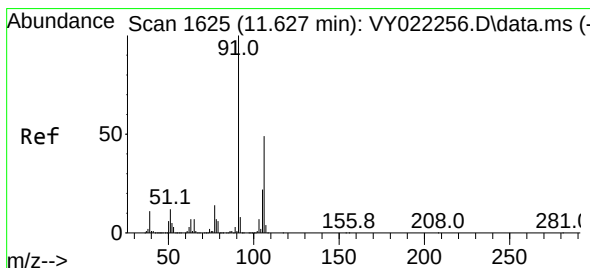
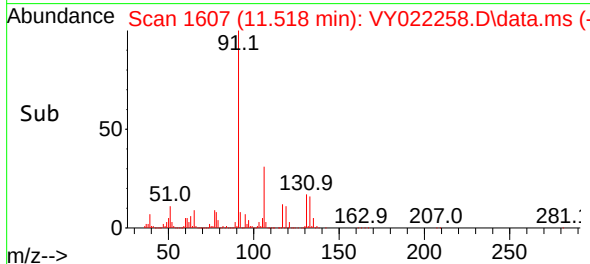
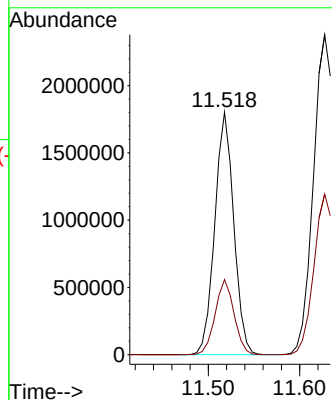
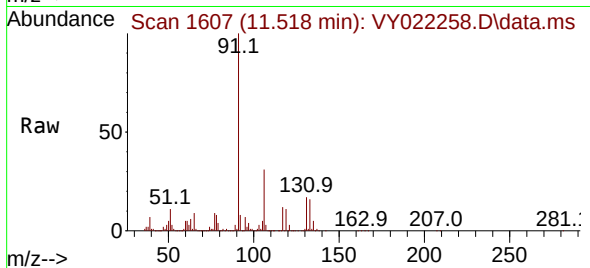
VSTDIC150

Tgt Ion: 91 Resp: 2598027

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0



#68

m/p-Xylenes

Concen: 321.066 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022258.D

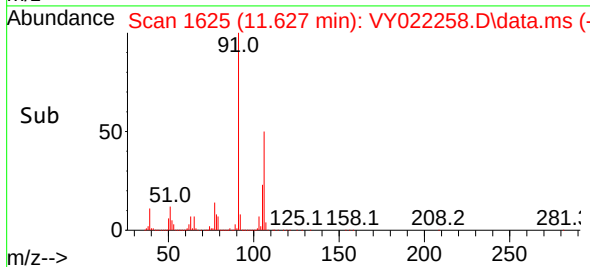
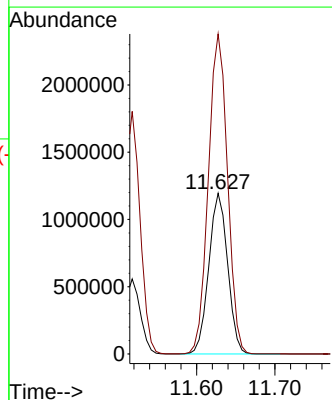
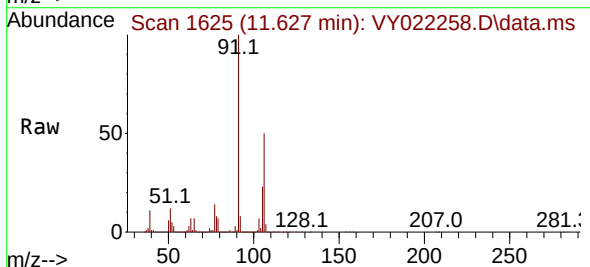
Acq: 15 May 2025 11:47

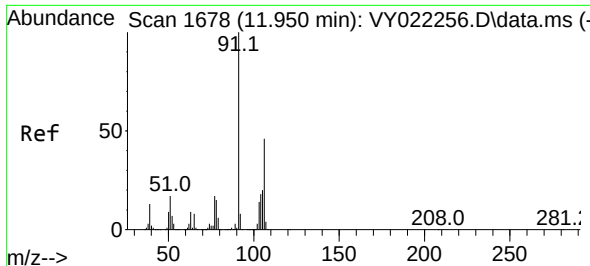
Tgt Ion:106 Resp: 1992413

Ion Ratio Lower Upper

106 100

91 202.7 163.0 244.4

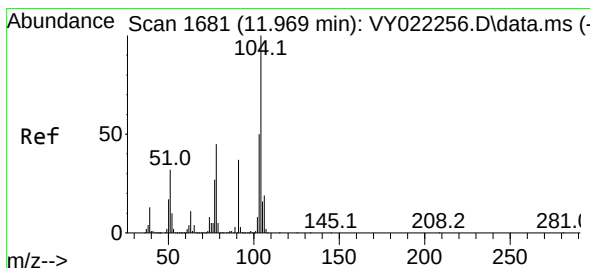
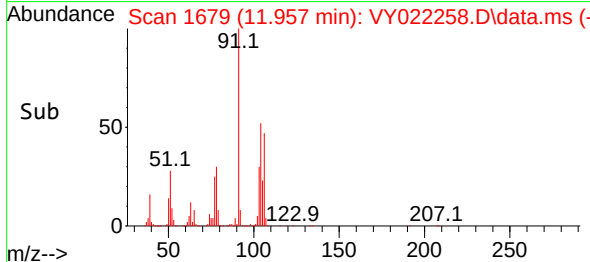
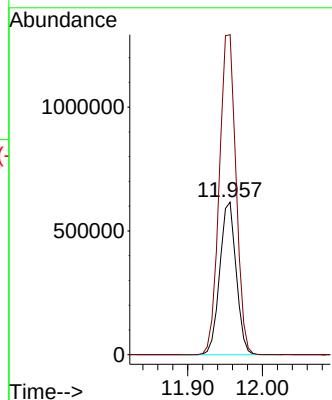
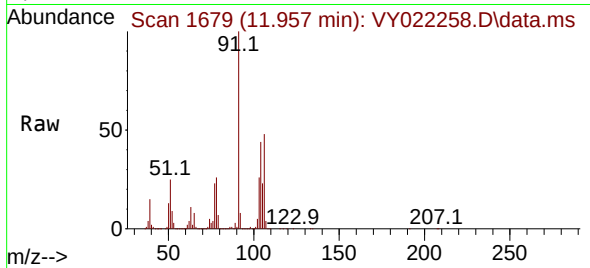




#69
o-Xylene
Concen: 159.714 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

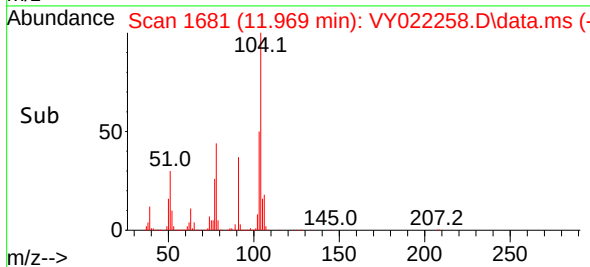
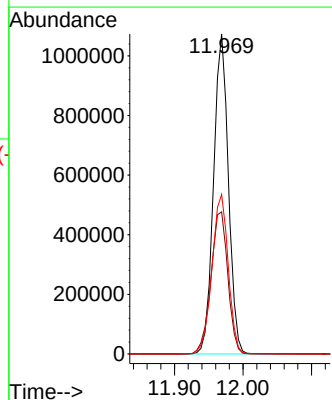
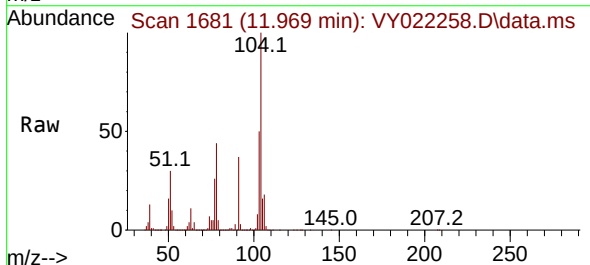
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

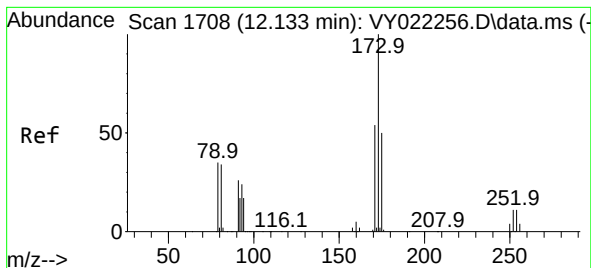
Tgt Ion:106 Resp: 937727
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8



#70
Styrene
Concen: 162.944 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:104 Resp: 1613798
Ion Ratio Lower Upper
104 100
78 50.8 40.9 61.3
103 54.7 43.7 65.5





#71

Bromoform

Concen: 155.818 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

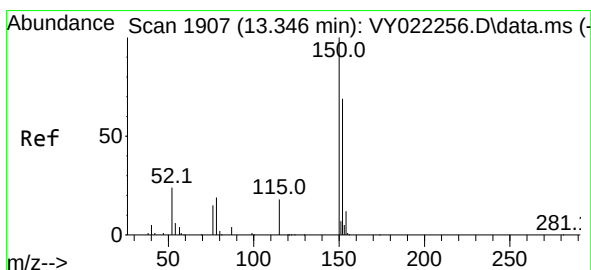
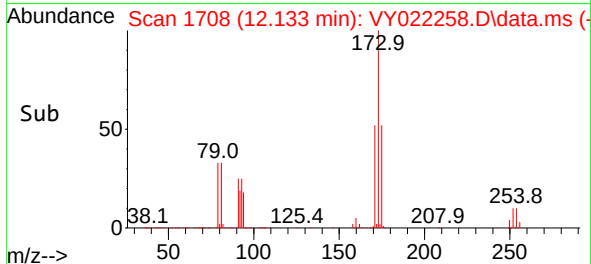
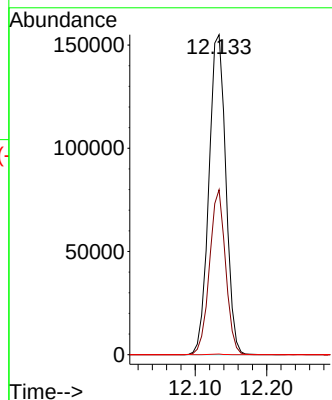
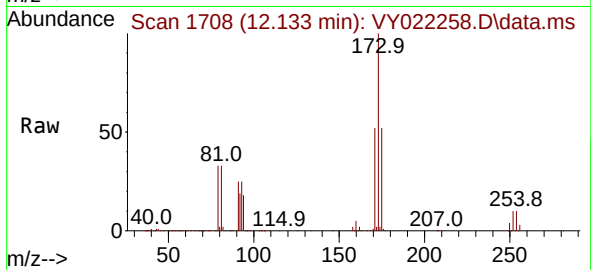
Tgt Ion:173 Resp: 254251

Ion Ratio Lower Upper

173 100

175 49.0 24.7 74.1

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

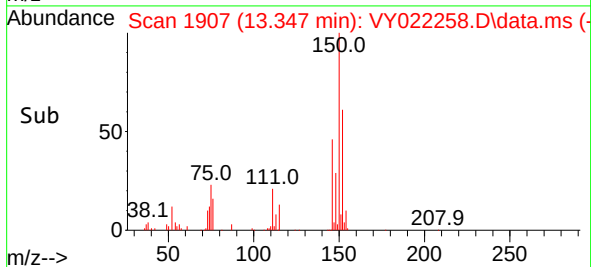
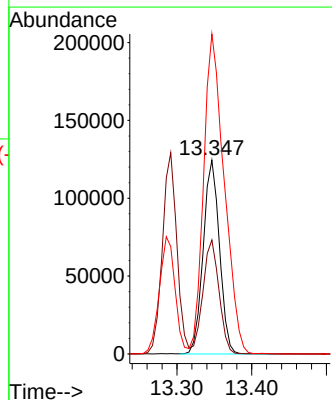
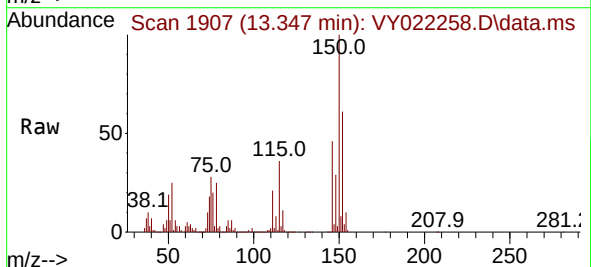
Tgt Ion:152 Resp: 187978

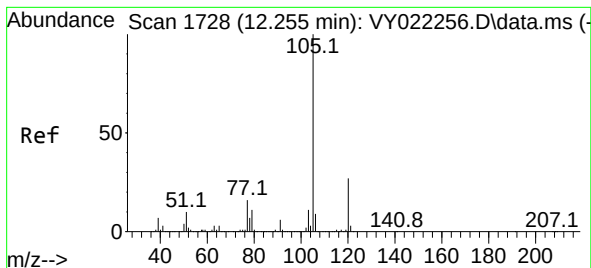
Ion Ratio Lower Upper

152 100

115 58.1 29.4 88.2

150 208.7 0.0 353.8





#73

Isopropylbenzene

Concen: 151.387 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

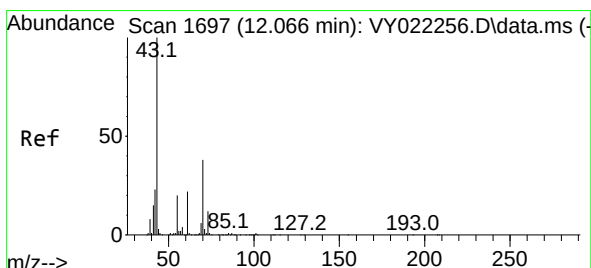
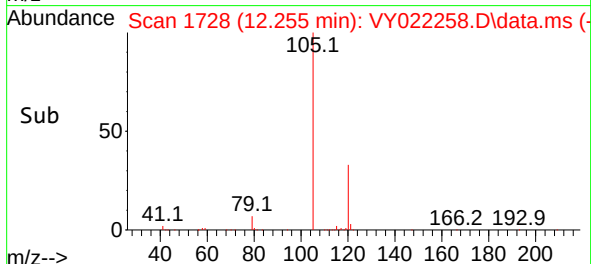
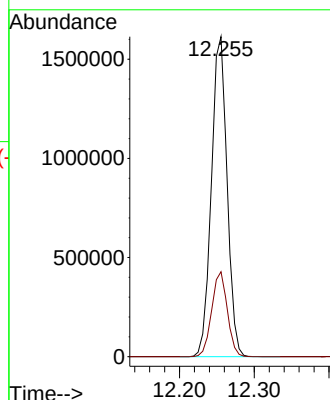
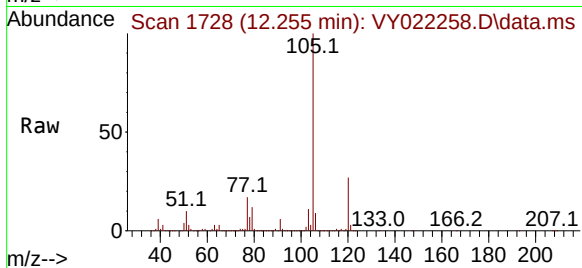
VSTDIC150

Tgt Ion:105 Resp: 2357568

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 156.041 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion: 43 Resp: 694999

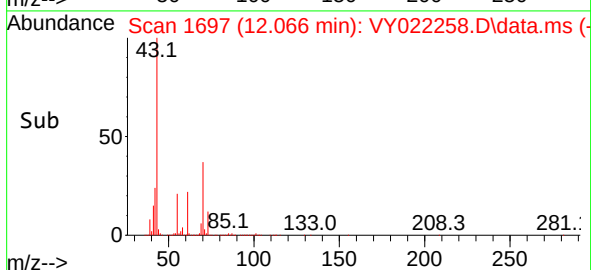
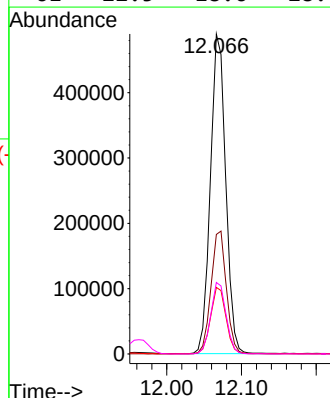
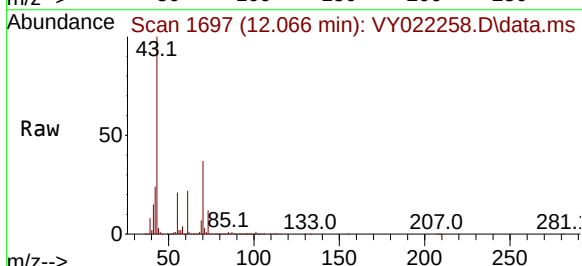
Ion Ratio Lower Upper

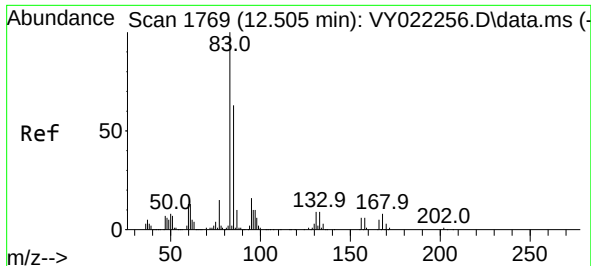
43 100

70 38.7 31.4 47.0

55 21.0 17.0 25.6

61 22.5 18.6 28.0

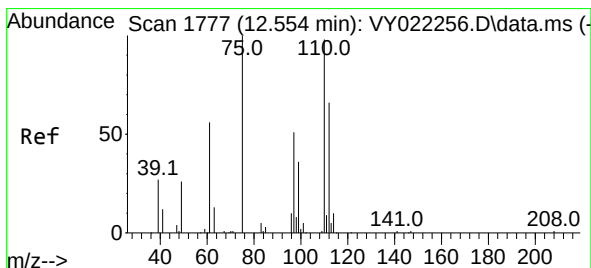
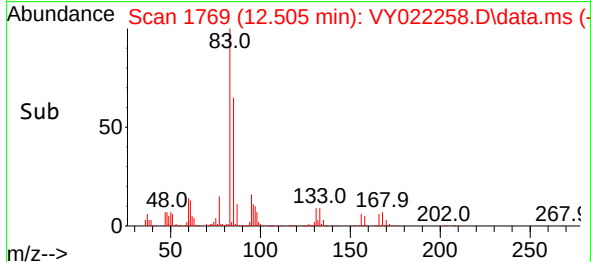
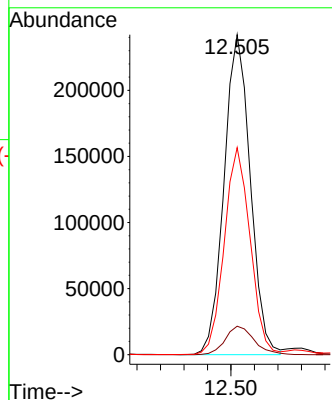
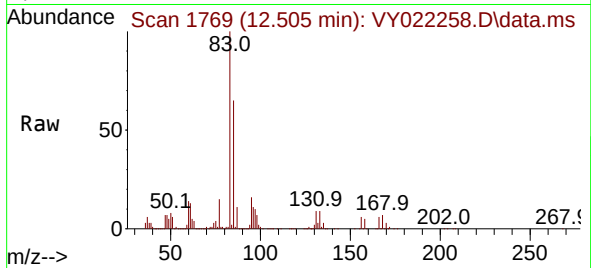




#75
1,1,2,2-Tetrachloroethane
Concen: 156.735 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

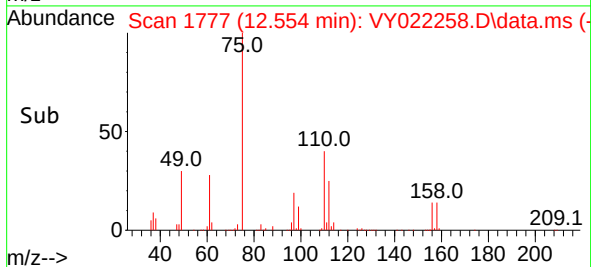
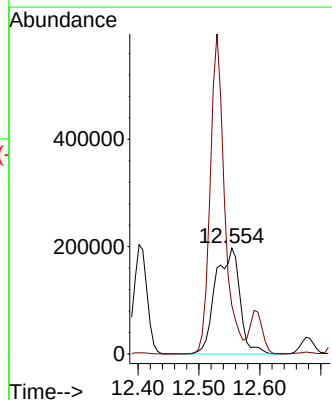
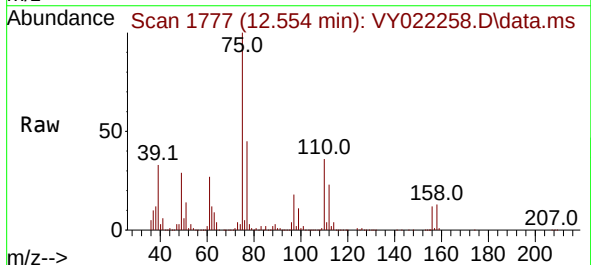
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

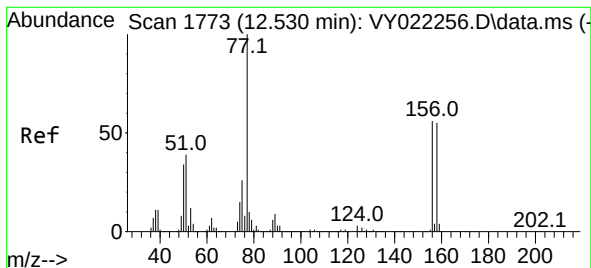
Tgt Ion: 83 Resp: 375378
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 63.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 164.989 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 75 Resp: 546605
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 153.206 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

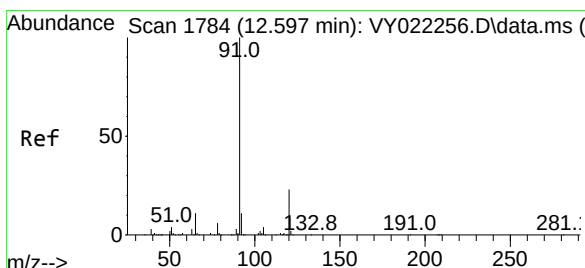
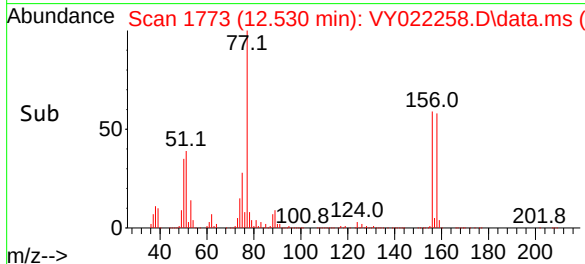
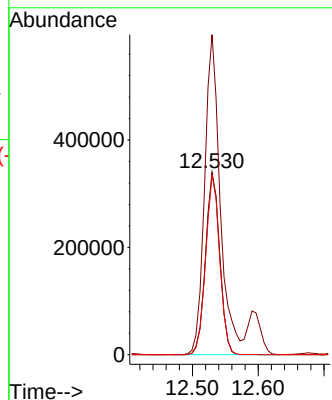
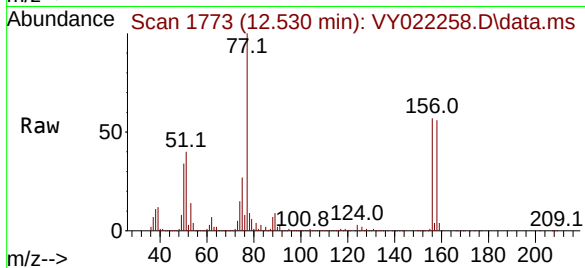
Tgt Ion:156 Resp: 509579

Ion Ratio Lower Upper

156 100

77 191.5 94.5 283.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 150.276 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022258.D

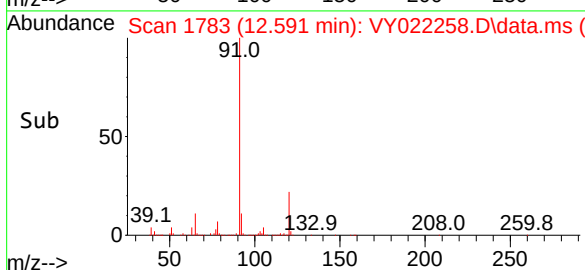
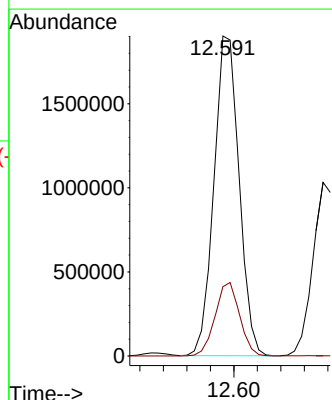
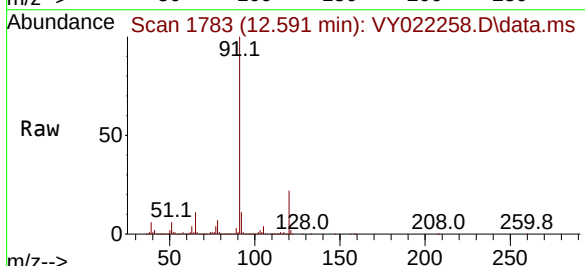
Acq: 15 May 2025 11:47

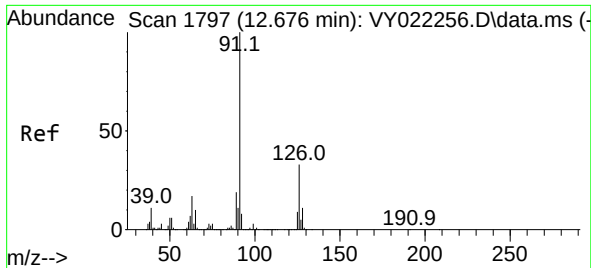
Tgt Ion: 91 Resp: 2822794

Ion Ratio Lower Upper

91 100

120 22.4 11.1 33.3

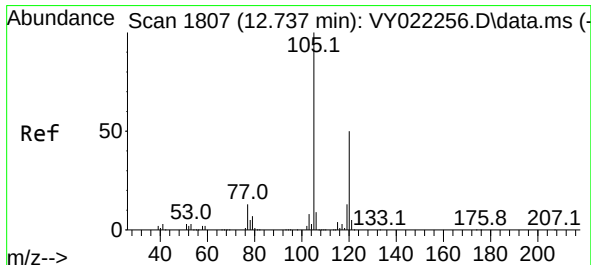
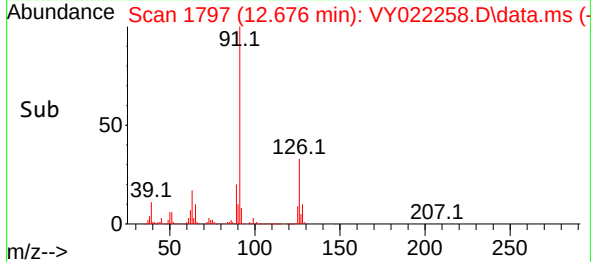
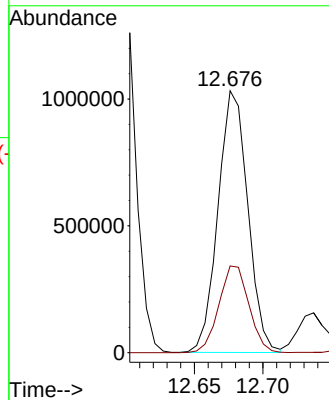
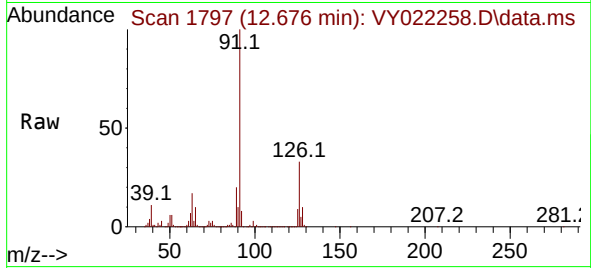




#79
2-Chlorotoluene
Concen: 151.415 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

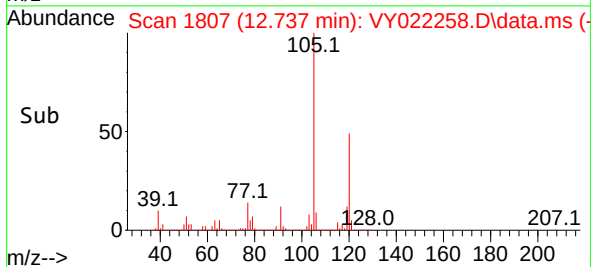
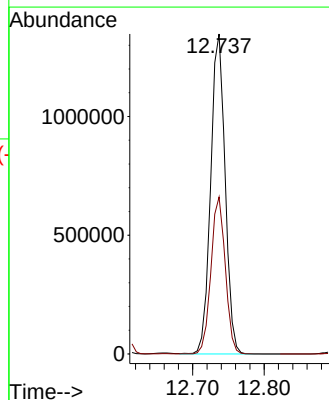
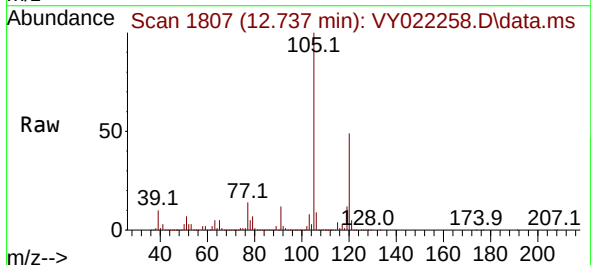
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

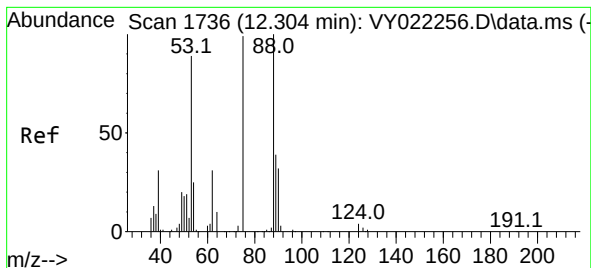
Tgt Ion: 91 Resp: 1563003
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 150.219 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion: 105 Resp: 1888432
Ion Ratio Lower Upper
105 100
120 48.7 24.2 72.6

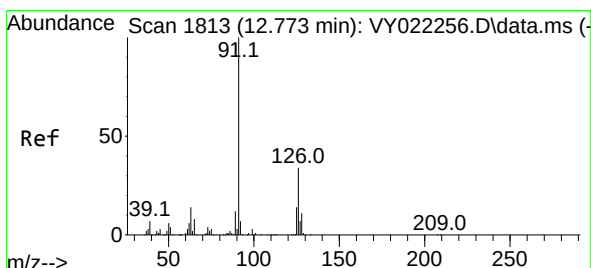
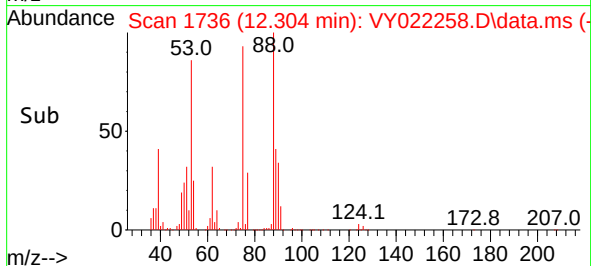
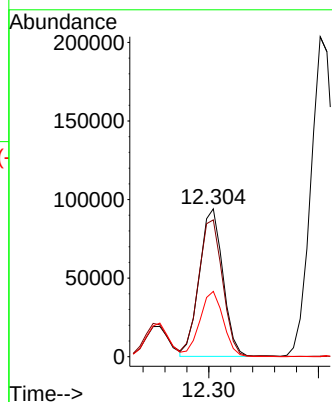
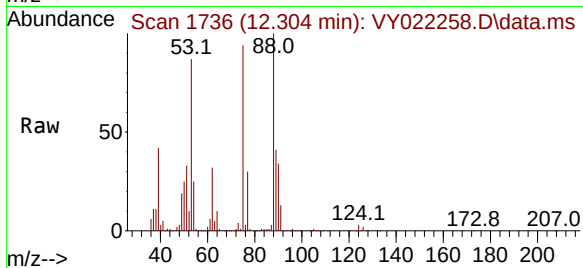




#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.846 ug/l
 RT: 12.304 min Scan# 1736
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

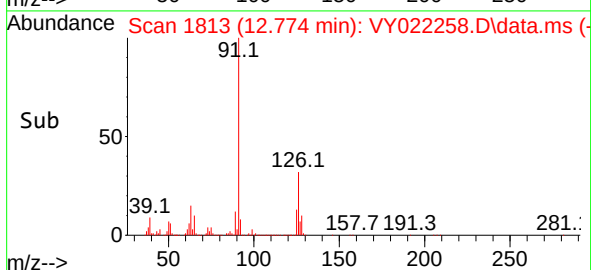
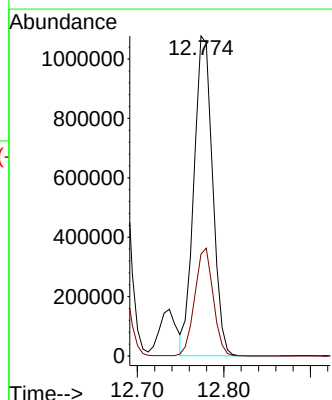
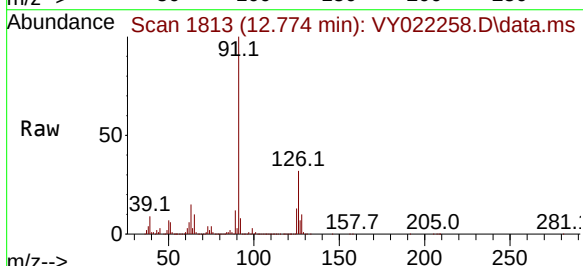
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

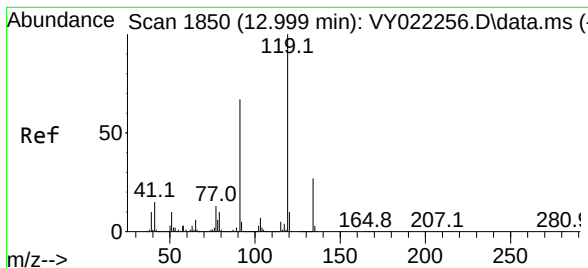
Tgt Ion: 75 Resp: 139931
 Ion Ratio Lower Upper
 75 100
 53 95.1 75.8 113.8
 89 44.4 36.2 54.2



#82
 4-Chlorotoluene
 Concen: 152.250 ug/l
 RT: 12.774 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion: 91 Resp: 1616520
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.8 50.4

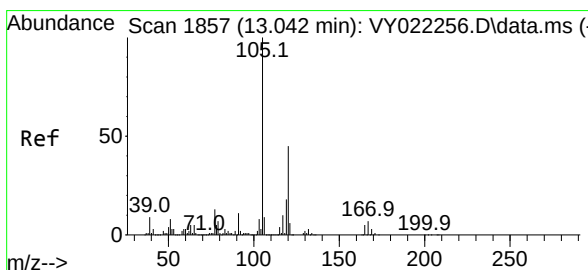
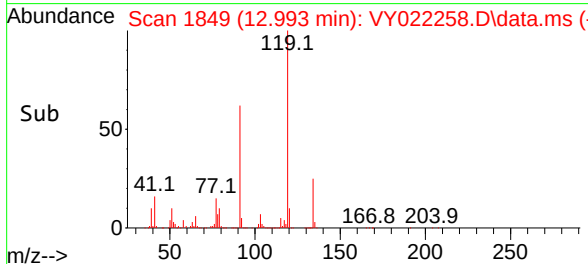
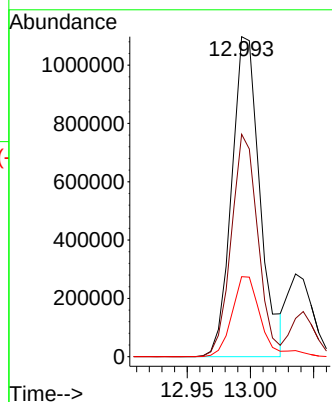
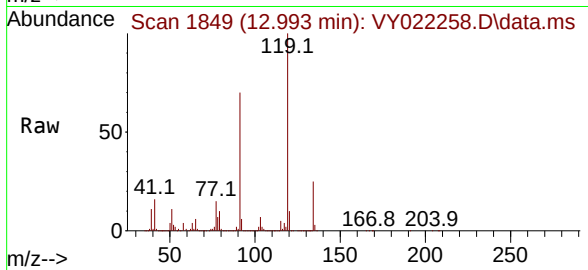




#83
tert-Butylbenzene
Concen: 152.144 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

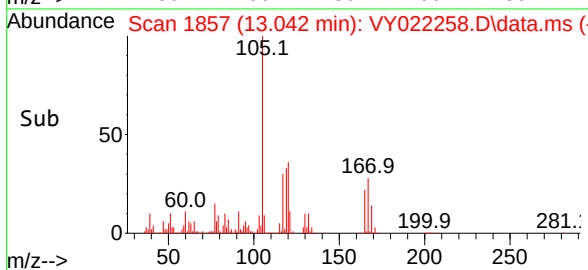
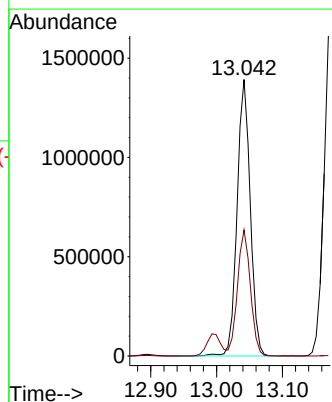
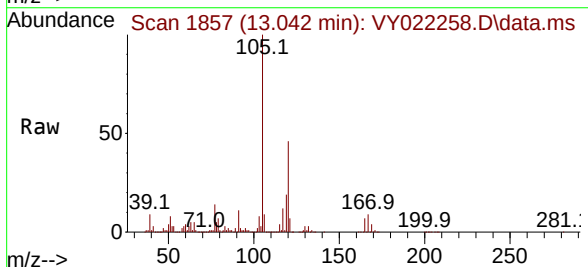
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

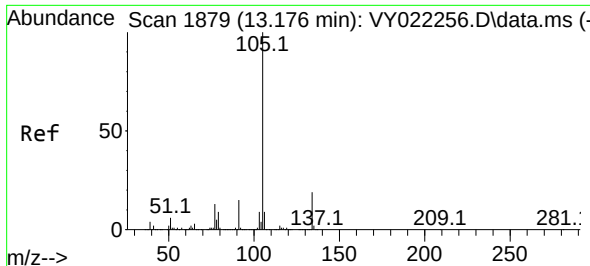
Tgt Ion:119 Resp: 1699962
Ion Ratio Lower Upper
119 100
91 65.7 32.8 98.3
134 25.9 12.9 38.6



#84
1,2,4-Trimethylbenzene
Concen: 155.030 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:105 Resp: 1934641
Ion Ratio Lower Upper
105 100
120 44.7 22.3 66.9

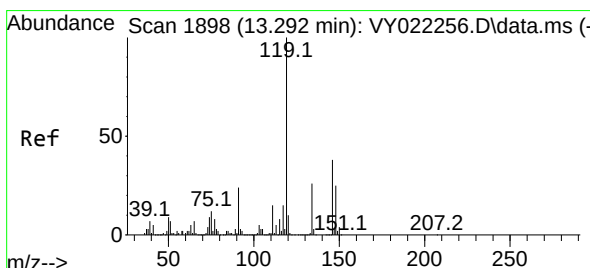
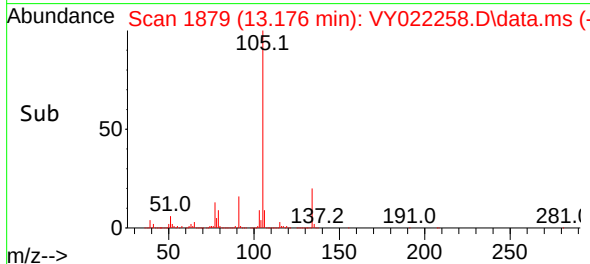
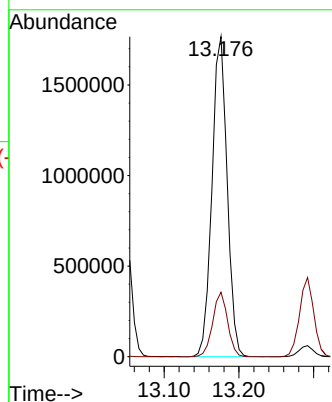
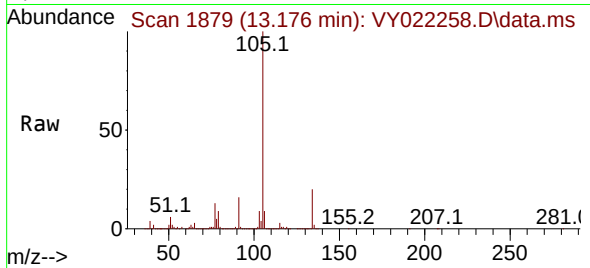




#85
 sec-Butylbenzene
 Concen: 150.330 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

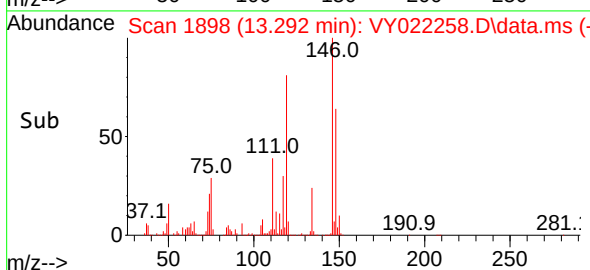
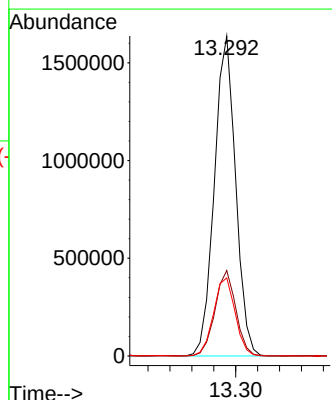
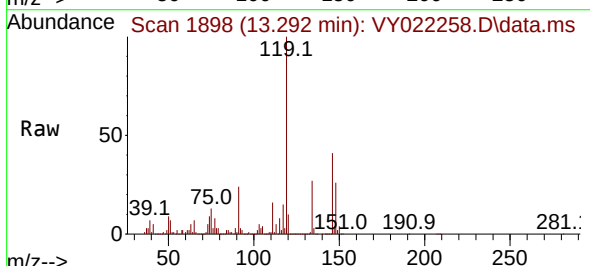
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

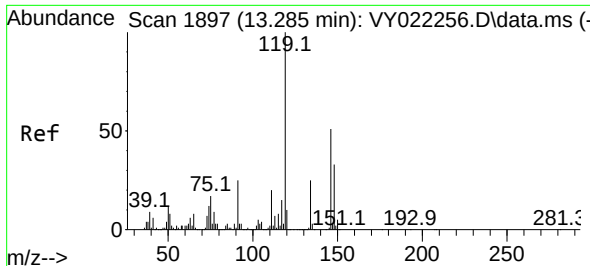
Tgt Ion:105 Resp: 2493393
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 158.088 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022258.D
 Acq: 15 May 2025 11:47

Tgt Ion:119 Resp: 2205275
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.8 12.1 36.3

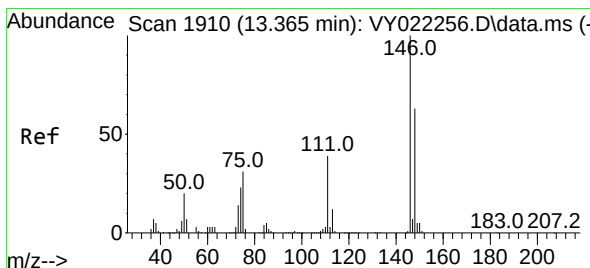
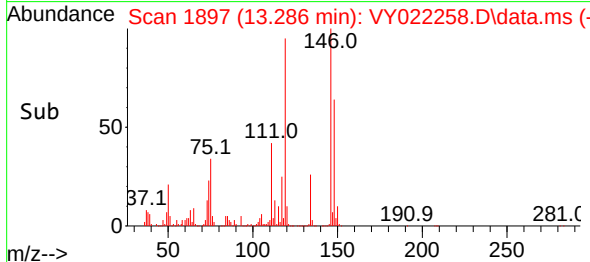
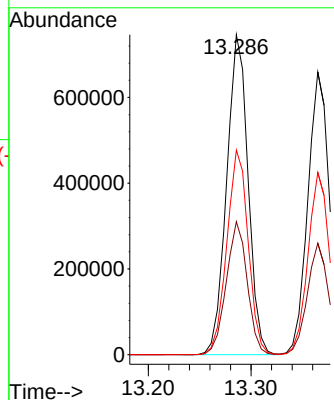
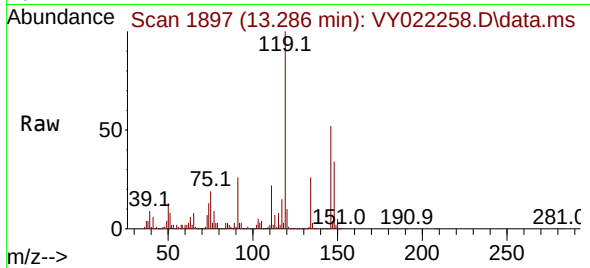




#87
1,3-Dichlorobenzene
Concen: 158.981 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

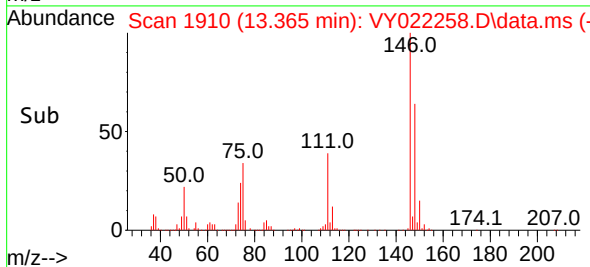
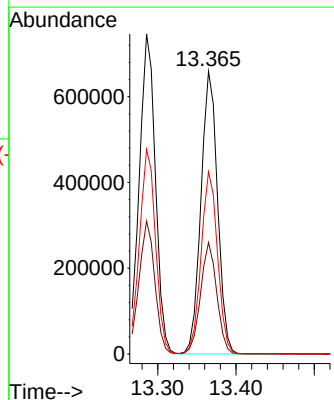
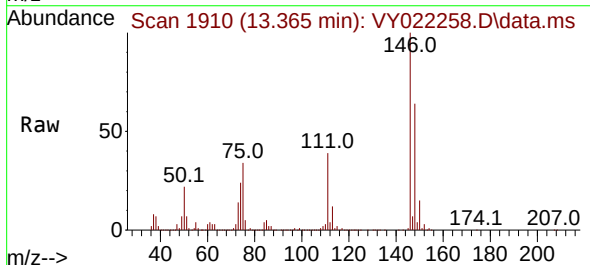
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

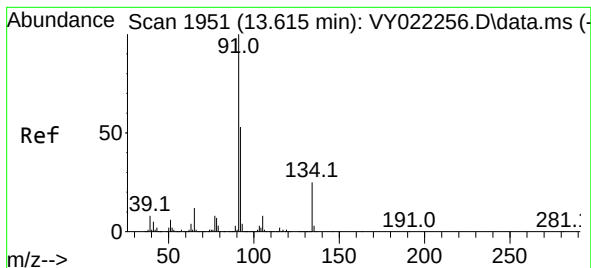
Tgt Ion:146 Resp: 1079479
Ion Ratio Lower Upper
146 100
111 40.7 19.9 59.7
148 63.8 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 148.497 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY022258.D
Acq: 15 May 2025 11:47

Tgt Ion:146 Resp: 969874
Ion Ratio Lower Upper
146 100
111 38.4 20.0 59.9
148 63.9 32.1 96.5





#89

n-Butylbenzene

Concen: 150.985 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

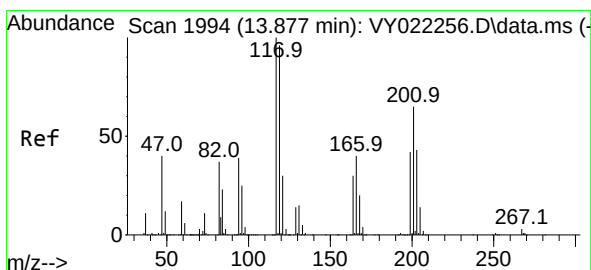
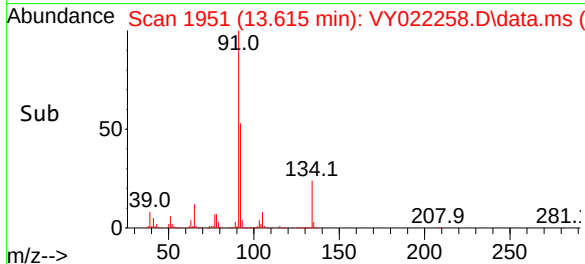
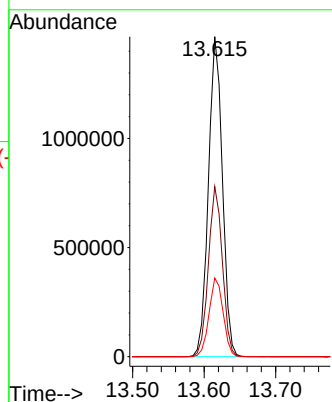
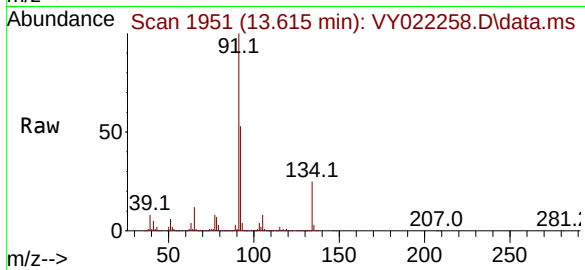
MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1992554

Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.3	78.9
134	24.8	12.4	37.4



#90

Hexachloroethane

Concen: 148.208 ug/l

RT: 13.877 min Scan# 1994

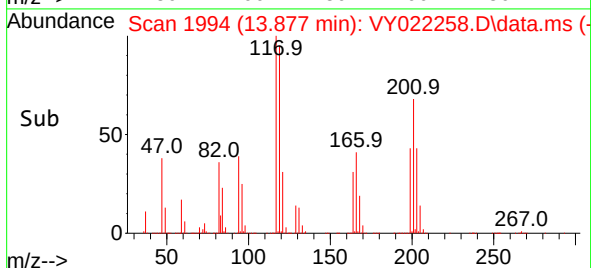
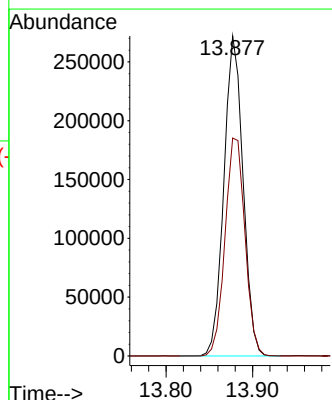
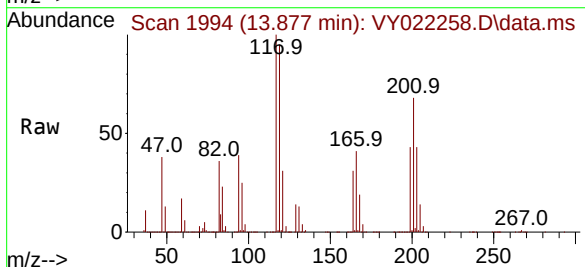
Delta R.T. 0.000 min

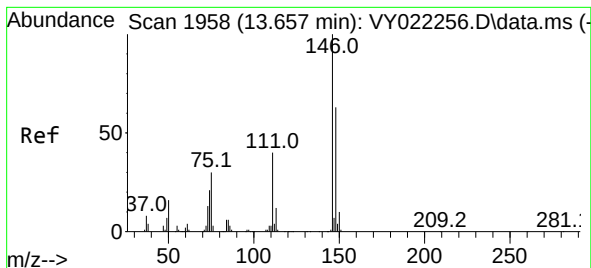
Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion: 117 Resp: 417341

Ion	Ratio	Lower	Upper
117	100		
201	71.0	35.2	105.6





#91

1,2-Dichlorobenzene

Concen: 150.565 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

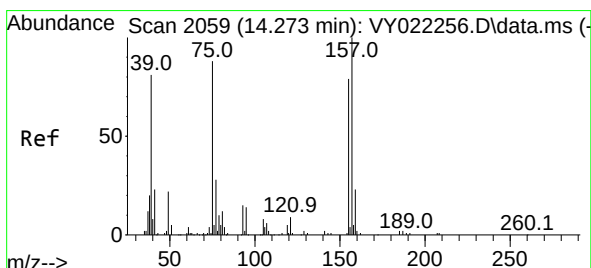
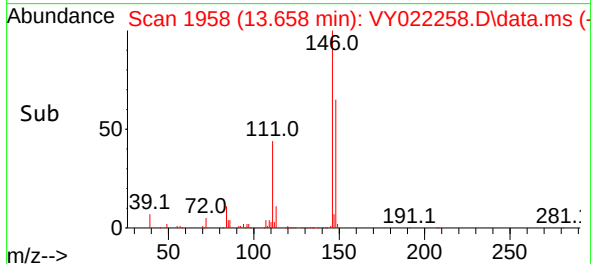
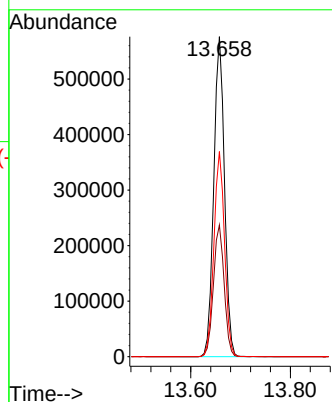
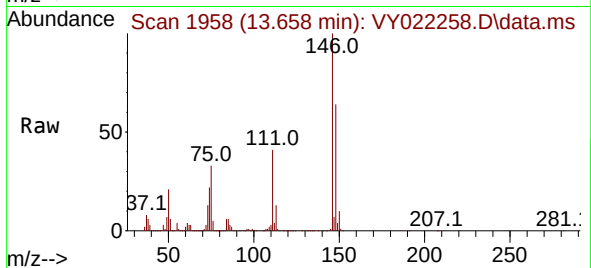
Tgt Ion:146 Resp: 858733

Ion Ratio Lower Upper

146 100

111 41.3 20.5 61.5

148 63.8 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 151.172 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

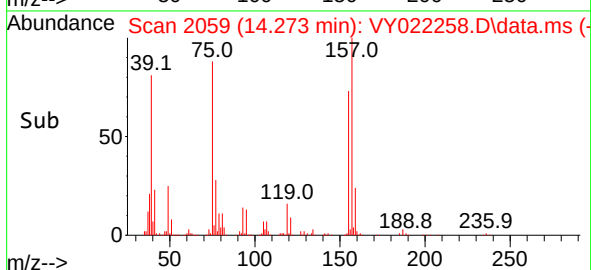
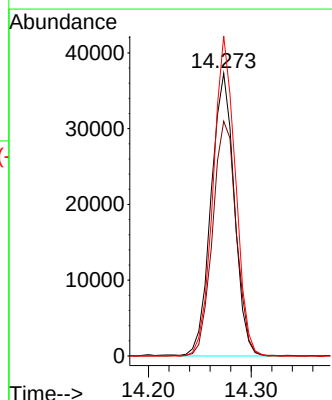
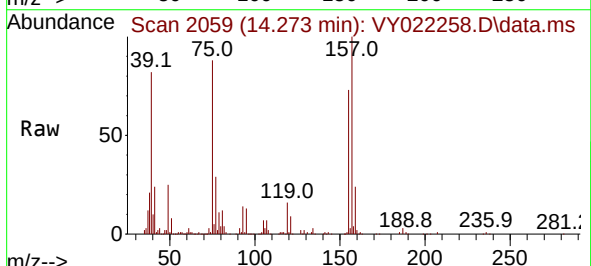
Tgt Ion: 75 Resp: 58383

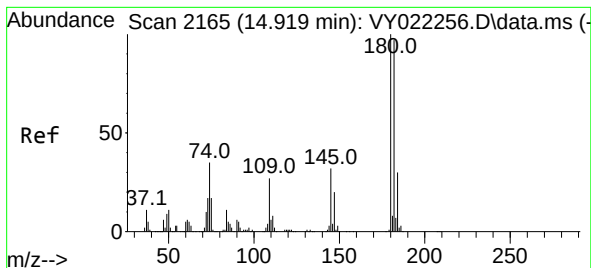
Ion Ratio Lower Upper

75 100

155 84.6 43.4 130.1

157 108.4 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 154.361 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

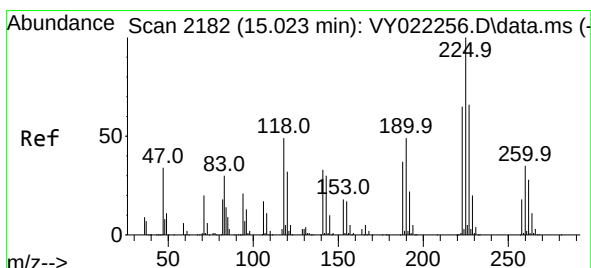
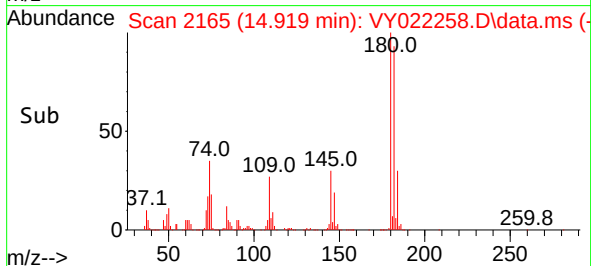
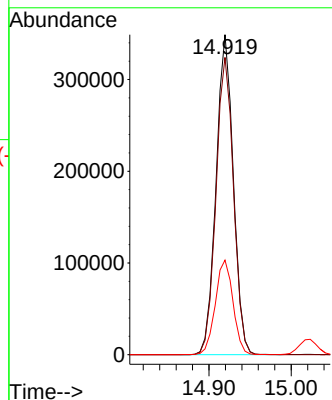
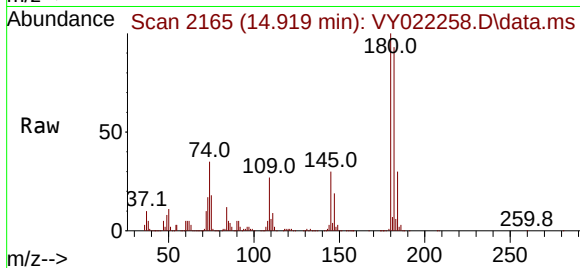
Tgt Ion:180 Resp: 508537

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.0

145 30.4 15.0 45.1



#94

Hexachlorobutadiene

Concen: 142.514 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

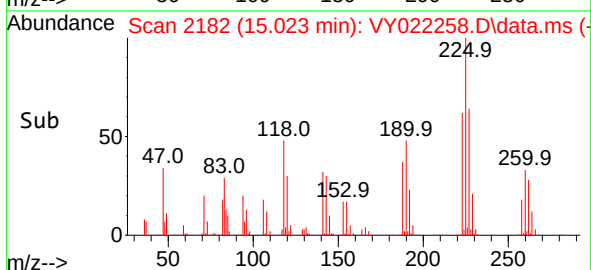
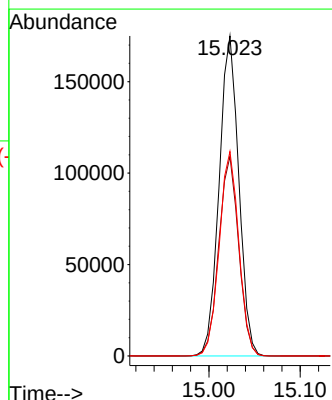
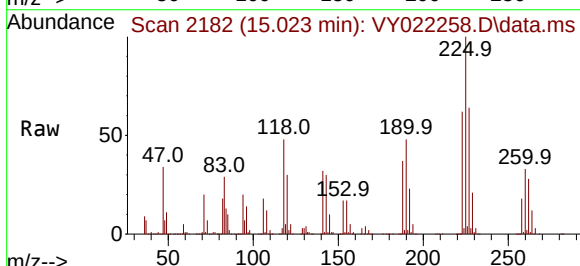
Tgt Ion:225 Resp: 261832

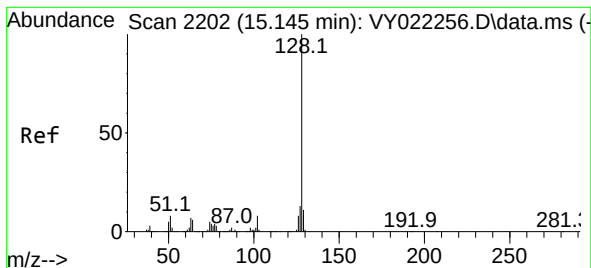
Ion Ratio Lower Upper

225 100

223 62.9 31.5 94.5

227 63.8 32.1 96.3





#95

Naphthalene

Concen: 156.653 ug/l

RT: 15.139 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

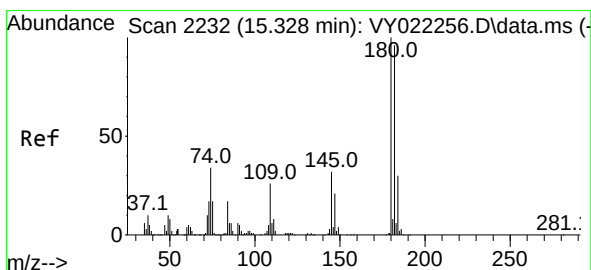
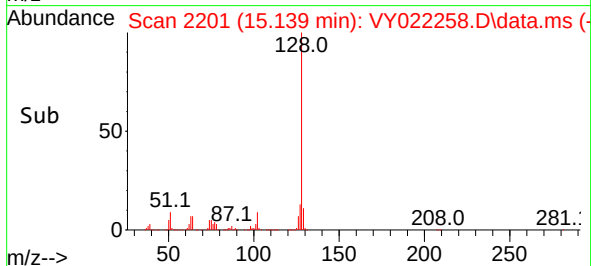
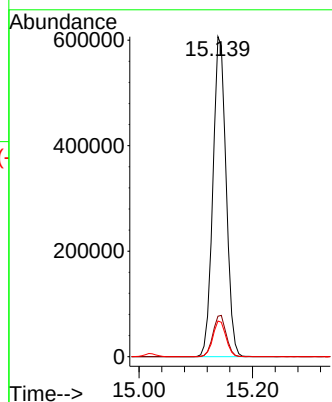
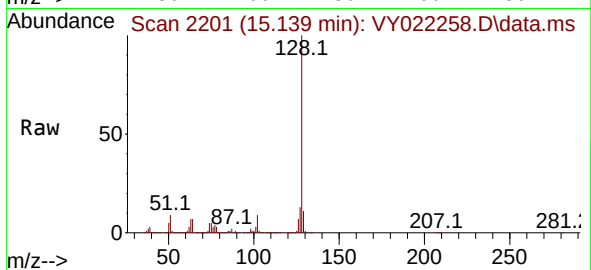
Tgt Ion:128 Resp: 979369

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.1 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 152.509 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022258.D

Acq: 15 May 2025 11:47

Tgt Ion:180 Resp: 426231

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 31.9 15.9 47.6

