

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051525\
 Data File : VY022256.D
 Acq On : 15 May 2025 11:02
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Quant Time: May 16 01:23:10 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	267598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	439323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	377571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	180358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144713	49.481	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.634	113	132404	50.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.980%
50) Toluene-d8	10.103	98	540296	50.311	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.408	95	169827	49.891	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.780%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	135726	48.608	ug/l	100
3) Chloromethane	2.062	50	278892	47.481	ug/l	100
4) Vinyl Chloride	2.202	62	323792	49.341	ug/l	100
5) Bromomethane	2.592	94	234736	43.941	ug/l	100
6) Chloroethane	2.732	64	202370	49.569	ug/l	100
7) Trichlorofluoromethane	3.050	101	324887	48.898	ug/l	100
8) Diethyl Ether	3.452	74	78670	49.338	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	144018	49.930	ug/l	100
10) Methyl Iodide	4.007	142	183918	55.091	ug/l	100
11) Tert butyl alcohol	4.872	59	51598	231.036	ug/l #	100
12) 1,1-Dichloroethene	3.787	96	144103	50.344	ug/l	100
13) Acrolein	3.653	56	75423	231.010	ug/l	100
14) Allyl chloride	4.379	41	256499	51.106	ug/l	100
15) Acrylonitrile	5.061	53	160496	244.283	ug/l	100
16) Acetone	3.873	43	124421	226.888	ug/l	100
17) Carbon Disulfide	4.104	76	468979	50.244	ug/l	100
18) Methyl Acetate	4.385	43	80820	48.436	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	390412	49.466	ug/l	100
20) Methylene Chloride	4.616	84	159764	45.087	ug/l	100
21) trans-1,2-Dichloroethene	5.110	96	158544	50.181	ug/l	100
22) Diisopropyl ether	6.019	45	531560	50.152	ug/l	100
23) Vinyl Acetate	5.958	43	1570214	245.223	ug/l	100
24) 1,1-Dichloroethane	5.915	63	298823	50.465	ug/l	100
25) 2-Butanone	6.896	43	215828	235.291	ug/l	100
26) 2,2-Dichloropropane	6.884	77	264141	50.153	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	184842	50.698	ug/l	100
28) Bromochloromethane	7.244	49	126541	50.100	ug/l	100
29) Tetrahydrofuran	7.262	42	142772	241.931	ug/l	100
30) Chloroform	7.421	83	288708	50.831	ug/l	100
31) Cyclohexane	7.701	56	282375	47.728	ug/l	100
32) 1,1,1-Trichloroethane	7.616	97	259382	49.777	ug/l	100
36) 1,1-Dichloropropene	7.835	75	221943	51.388	ug/l	100
37) Ethyl Acetate	6.988	43	102924	49.529	ug/l	100
38) Carbon Tetrachloride	7.817	117	226903	50.754	ug/l	100
39) Methylcyclohexane	9.109	83	294336	50.726	ug/l	100
40) Benzene	8.079	78	658644	51.442	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	52599	34.592	ug/l #	78
42) 1,2-Dichloroethane	8.158	62	176425	50.954	ug/l	100
43) Isopropyl Acetate	8.195	43	225628	49.785	ug/l	100
44) Trichloroethene	8.866	130	162802	51.138	ug/l	100
45) 1,2-Dichloropropane	9.140	63	156870	50.819	ug/l	100
46) Dibromomethane	9.231	93	82994	49.849	ug/l	100
47) Bromodichloromethane	9.420	83	222159	51.435	ug/l	100
48) Methyl methacrylate	9.219	41	105390	49.726	ug/l	100
49) 1,4-Dioxane	9.231	88	18027	958.446	ug/l	100
51) 4-Methyl-2-Pentanone	9.999	43	556123	250.085	ug/l	100
52) Toluene	10.170	92	414584	51.134	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	213993	50.768	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	246990	51.143	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	106676	50.036	ug/l	100
56) Ethyl methacrylate	10.438	69	167259	50.364	ug/l	100
57) 1,3-Dichloropropane	10.719	76	192275	50.759	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	403074	270.408	ug/l	100
59) 2-Hexanone	10.762	43	365111	244.881	ug/l	100
60) Dibromochloromethane	10.908	129	141896	51.278	ug/l	100
61) 1,2-Dibromoethane	11.012	107	99822	50.236	ug/l	100
64) Tetrachloroethene	10.646	164	178854	51.249	ug/l	100
65) Chlorobenzene	11.438	112	435874	51.169	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	148798	50.811	ug/l	100
67) Ethyl Benzene	11.518	91	821168	51.473	ug/l	100
68) m/p-Xylenes	11.627	106	617646	102.746	ug/l	100
69) o-Xylene	11.950	106	289897	50.971	ug/l	100
70) Styrene	11.969	104	491792	51.260	ug/l	100
71) Bromoform	12.133	173	78794	49.849	ug/l #	100
73) Isopropylbenzene	12.255	105	756905	50.657	ug/l	100
74) N-amyl acetate	12.066	43	209097	48.930	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	113234	49.277	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	167060	52.556	ug/l #	100
77) Bromobenzene	12.530	156	161475	50.599	ug/l	100
78) n-propylbenzene	12.597	91	924664	51.306	ug/l	100
79) 2-Chlorotoluene	12.676	91	505684	51.058	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	615033	50.991	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	42692	47.331	ug/l	100
82) 4-Chlorotoluene	12.773	91	524270	51.464	ug/l	100
83) tert-Butylbenzene	12.999	119	546231	50.952	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	615550	51.410	ug/l	100
85) sec-Butylbenzene	13.176	105	824725	51.825	ug/l	100
86) p-Isopropyltoluene	13.292	119	688561	51.446	ug/l	100
87) 1,3-Dichlorobenzene	13.285	146	331536	50.890	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	315598	50.363	ug/l	100
89) n-Butylbenzene	13.615	91	661532	52.245	ug/l	100
90) Hexachloroethane	13.877	117	137225	50.791	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	276666	50.558	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	18039	48.682	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	162275	51.338	ug/l	100
94) Hexachlorobutadiene	15.023	225	90452	51.313	ug/l	100
95) Naphthalene	15.145	128	298075	49.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	135673	50.596	ug/l	100

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ClientSampleId :
VSTDICCC050

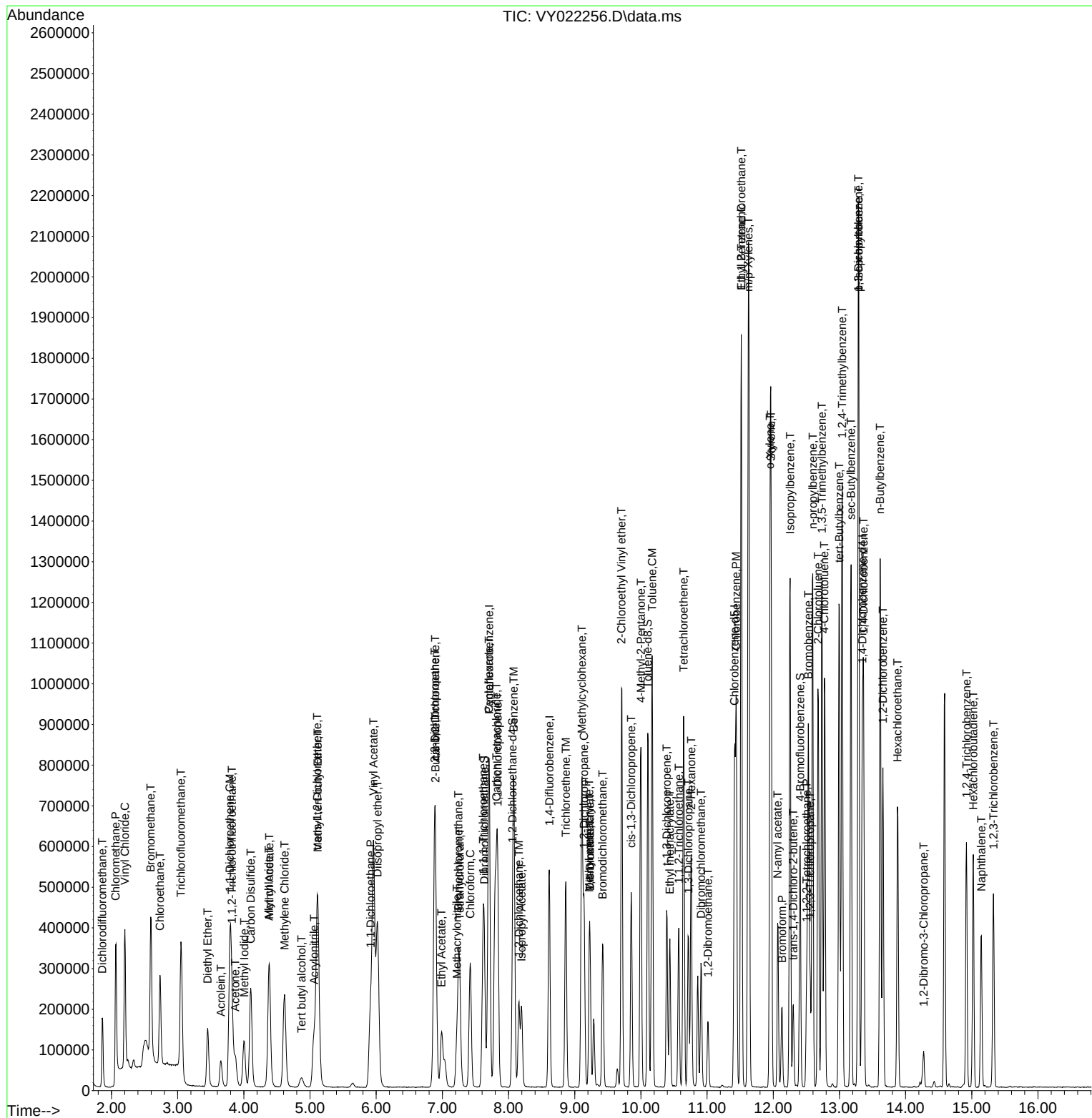
Quant Time: May 16 01:23:10 2025
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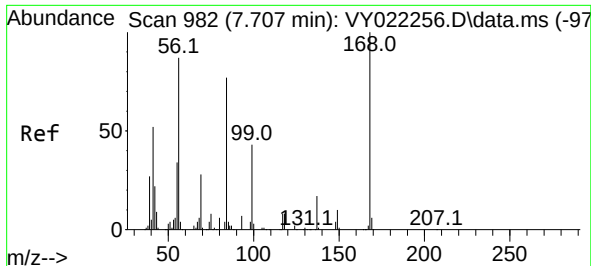
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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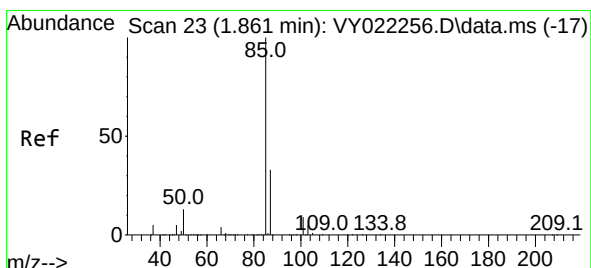
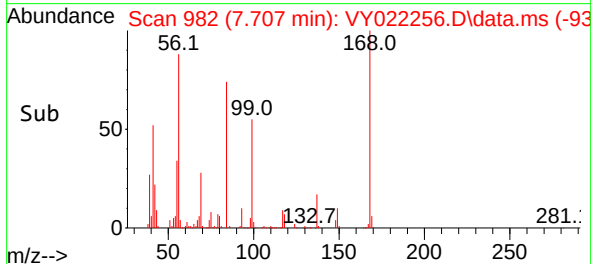
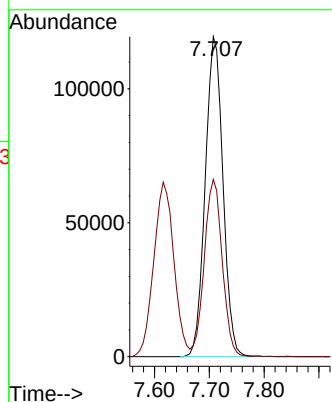
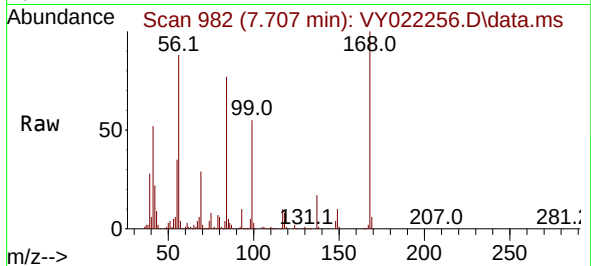




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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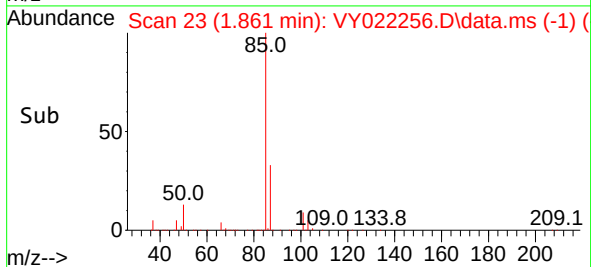
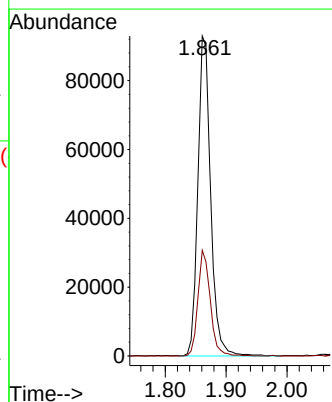
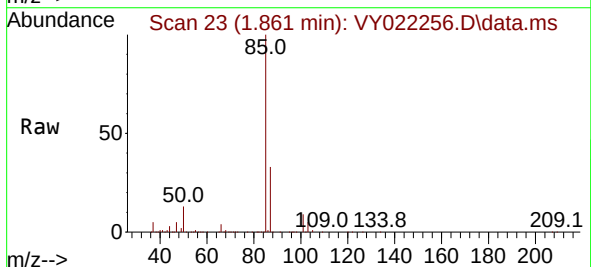
Instrument :
MSVOA_Y
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VSTDICCC050

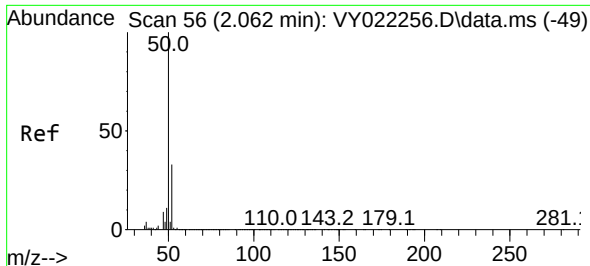
Tgt Ion:168 Resp: 267598
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 48.608 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 85 Resp: 135726
Ion Ratio Lower Upper
85 100
87 33.0 16.5 49.5

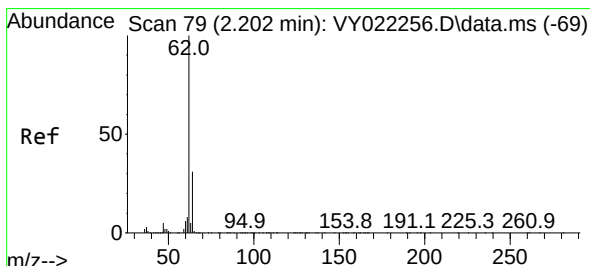
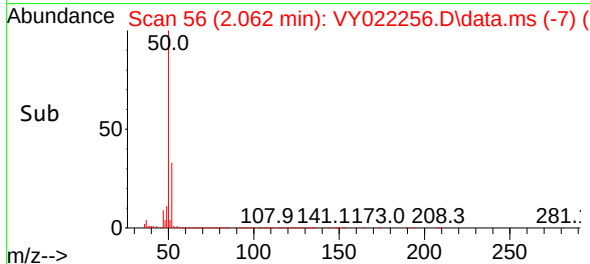
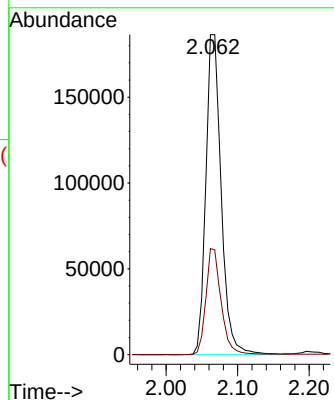
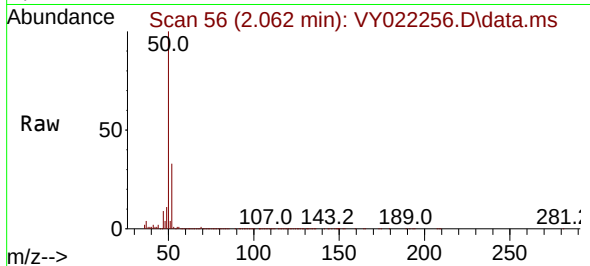




#3
Chloromethane
Concen: 47.481 ug/l
RT: 2.062 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

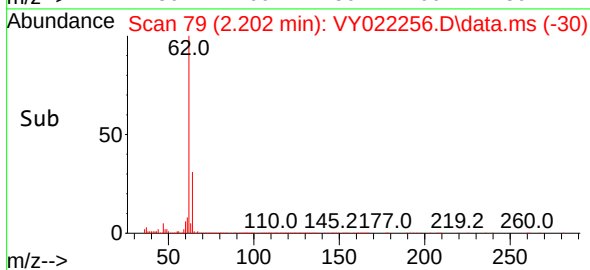
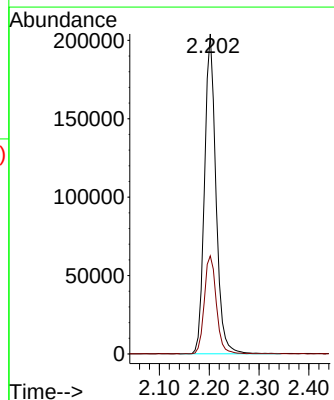
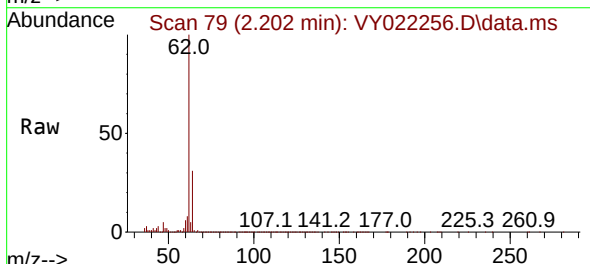
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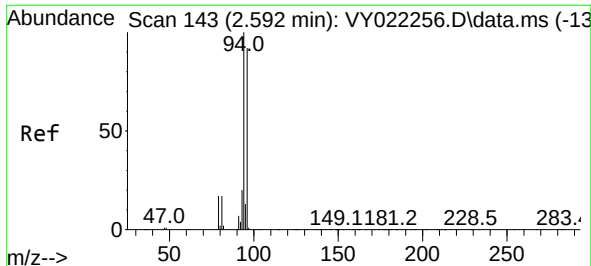
Tgt Ion: 50 Resp: 278892
Ion Ratio Lower Upper
50 100
52 33.1 26.5 39.7



#4
Vinyl Chloride
Concen: 49.341 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 62 Resp: 323792
Ion Ratio Lower Upper
62 100
64 30.6 24.5 36.7

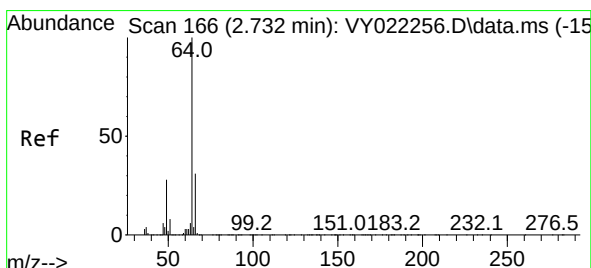
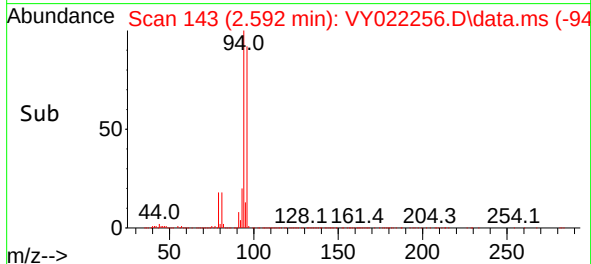
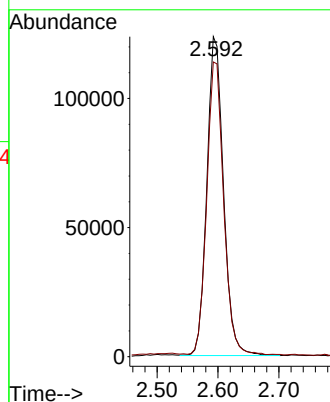
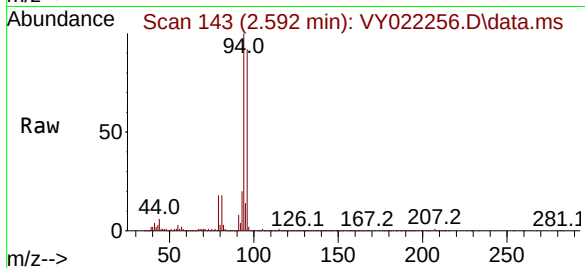




#5
Bromomethane
Concen: 43.941 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

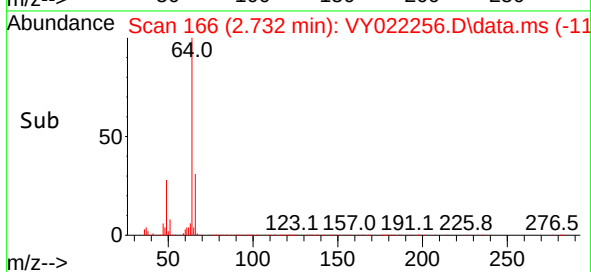
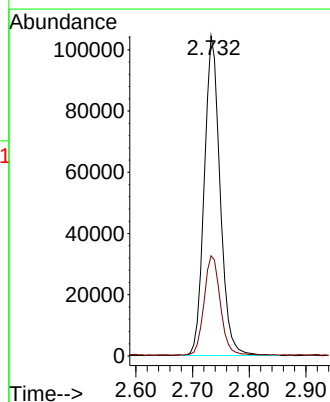
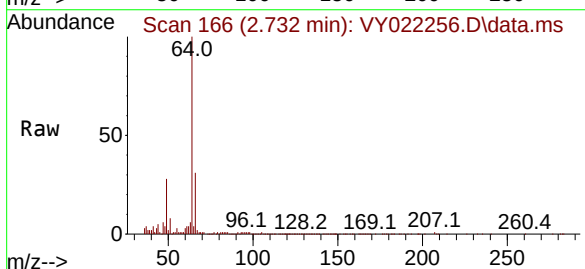
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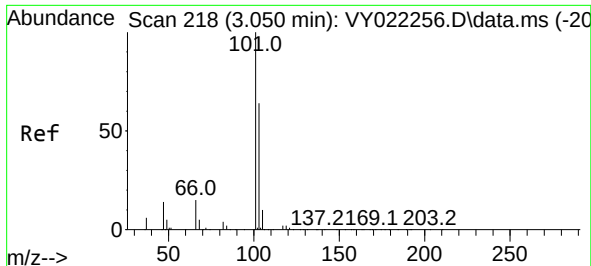
Tgt Ion: 94 Resp: 234736
Ion Ratio Lower Upper
94 100
96 91.7 73.4 110.0



#6
Chloroethane
Concen: 49.569 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 64 Resp: 202370
Ion Ratio Lower Upper
64 100
66 31.0 24.8 37.2

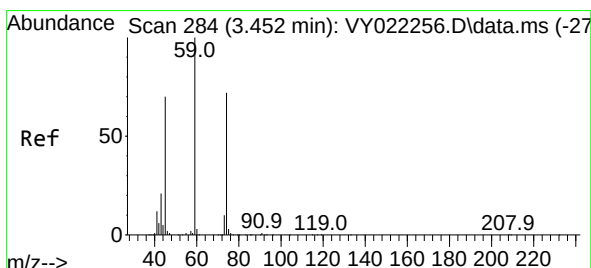
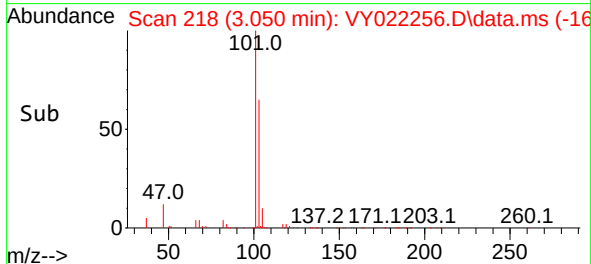
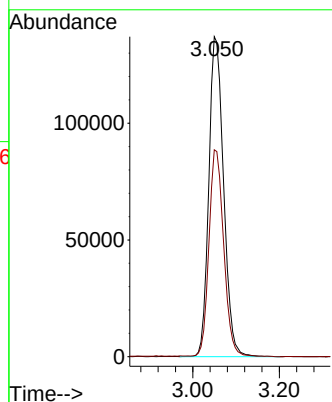
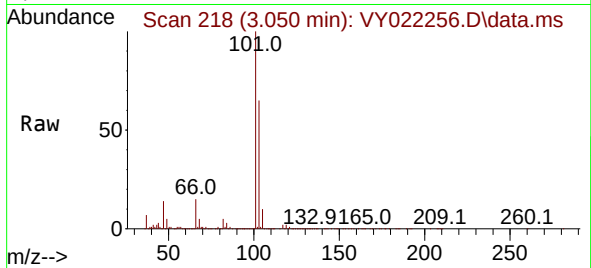




#7
 Trichlorofluoromethane
 Concen: 48.898 ug/l
 RT: 3.050 min Scan# 218
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

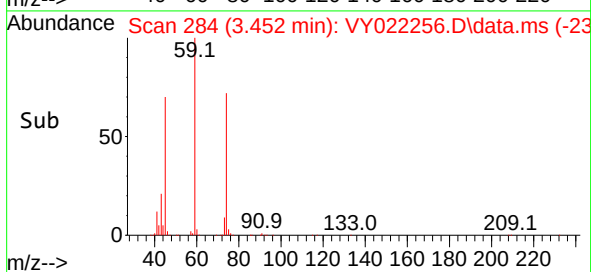
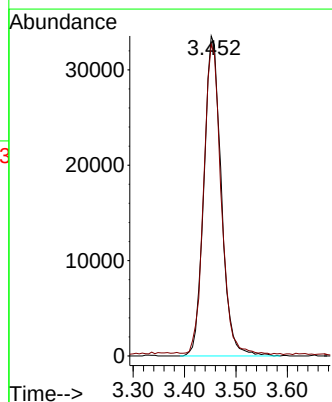
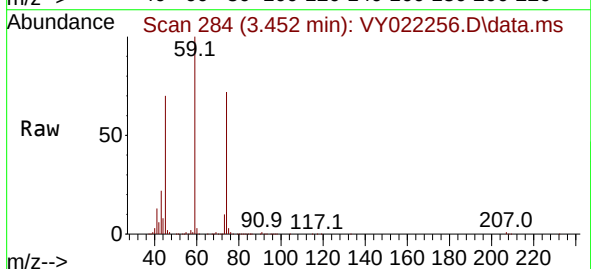
Instrument :
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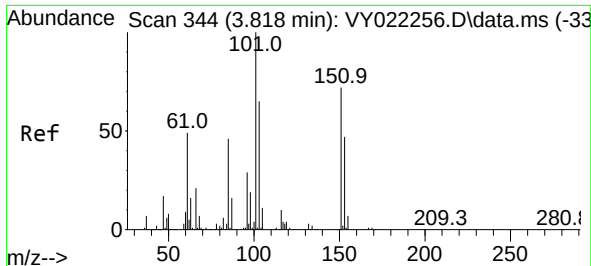
Tgt Ion:101 Resp: 324887
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 49.338 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY022256.D
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Tgt Ion: 74 Resp: 78670
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.6 145.8

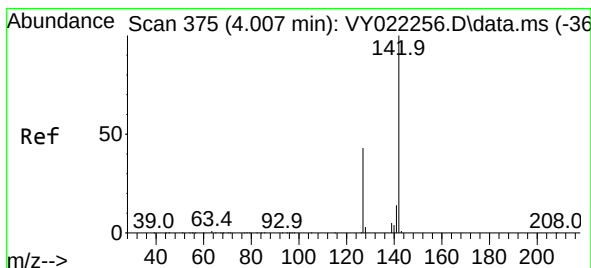
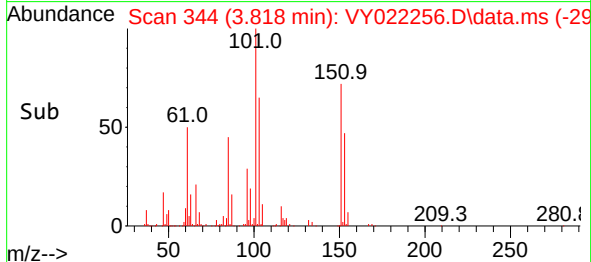
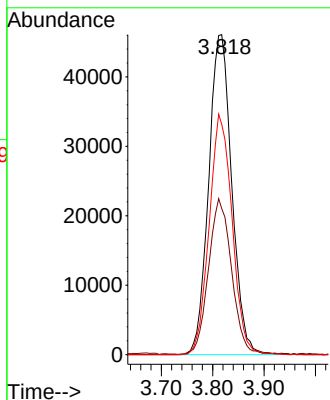
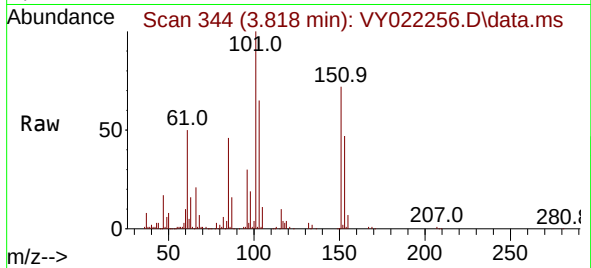




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.930 ug/l
 RT: 3.818 min Scan# 344
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

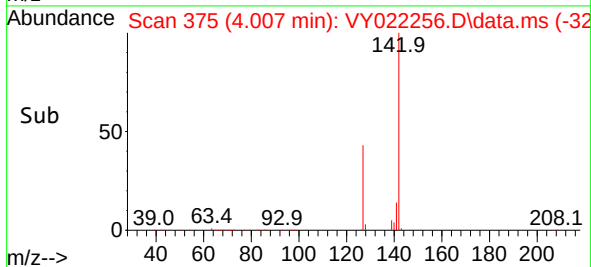
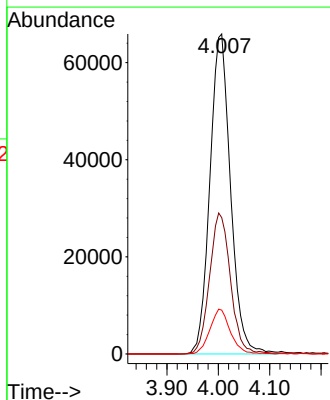
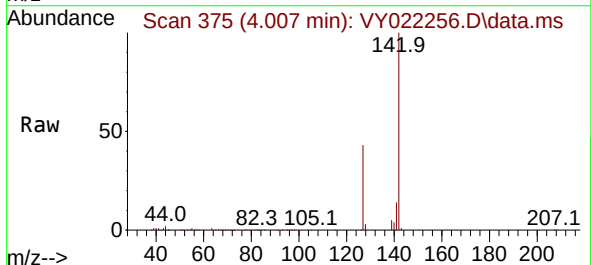
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

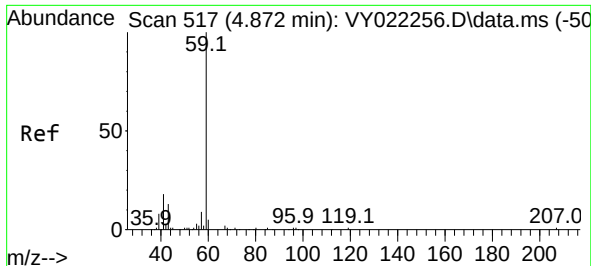
Tgt Ion:101 Resp: 144018
 Ion Ratio Lower Upper
 101 100
 85 48.3 38.6 58.0
 151 74.6 59.7 89.5



#10
 Methyl Iodide
 Concen: 55.091 ug/l
 RT: 4.007 min Scan# 375
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion:142 Resp: 183918
 Ion Ratio Lower Upper
 142 100
 127 44.6 35.7 53.5
 141 13.9 11.1 16.7

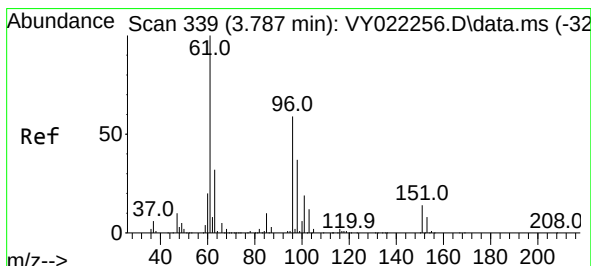
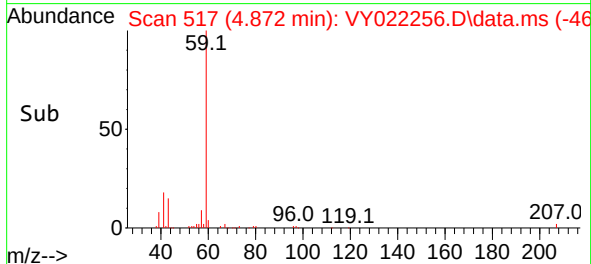
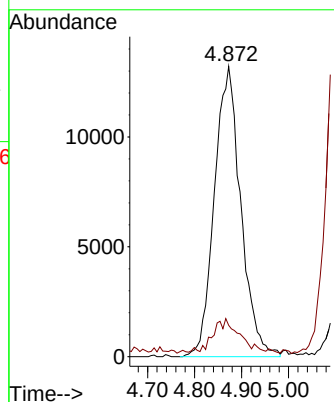
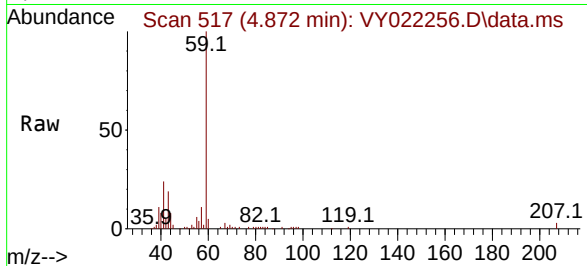




#11
Tert butyl alcohol
Concen: 231.036 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

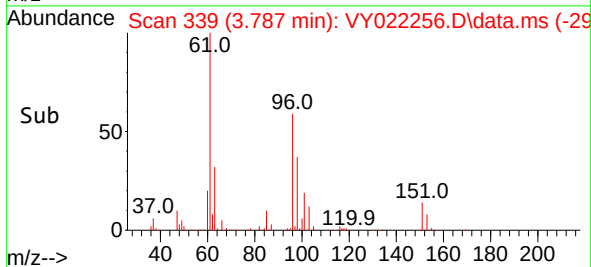
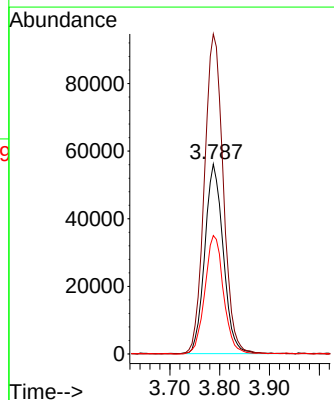
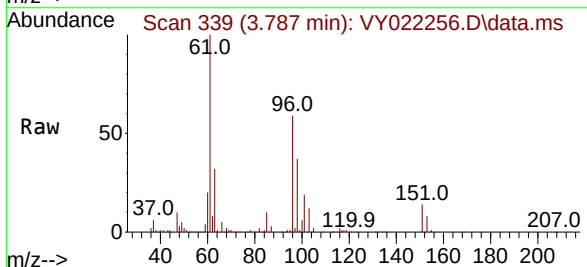
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

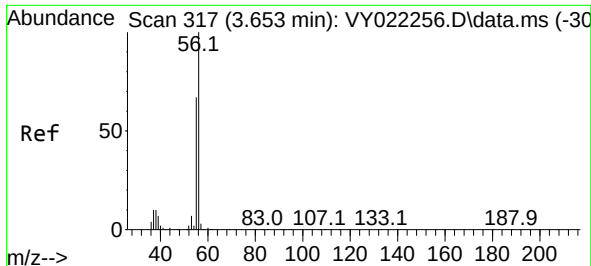
Tgt Ion: 59 Resp: 51598
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0



#12
1,1-Dichloroethene
Concen: 50.344 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 96 Resp: 144103
Ion Ratio Lower Upper
96 100
61 168.6 134.9 202.3
98 62.4 49.9 74.9





#13

Acrolein

Concen: 231.010 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

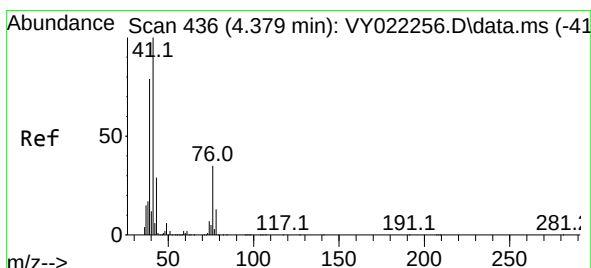
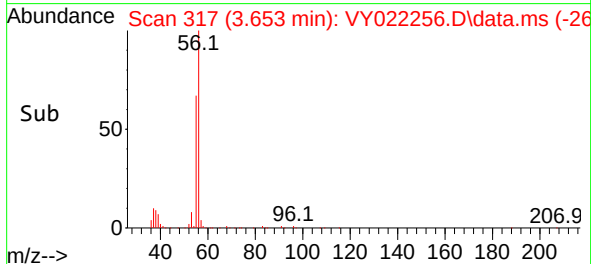
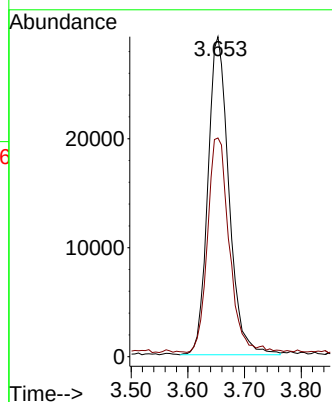
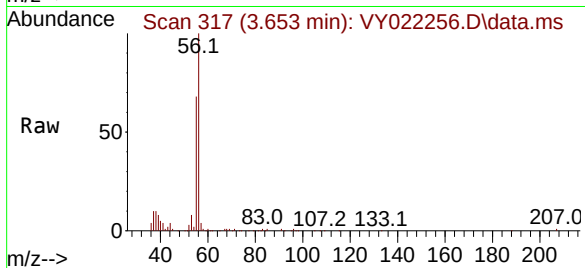
VSTDICCC050

Tgt Ion: 56 Resp: 75423

Ion Ratio Lower Upper

56 100

55 69.5 55.6 83.4



#14

Allyl chloride

Concen: 51.106 ug/l

RT: 4.379 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

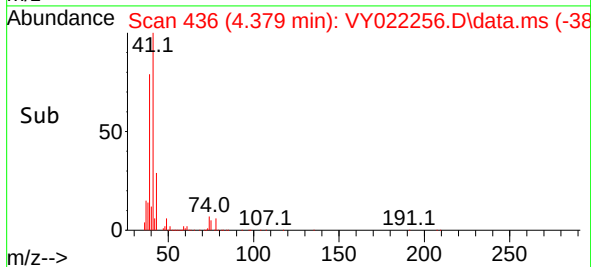
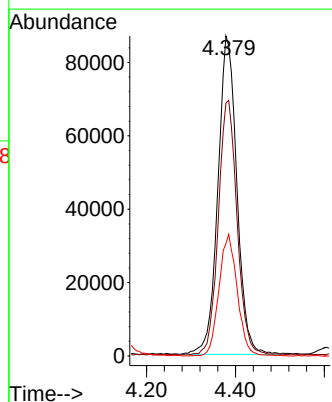
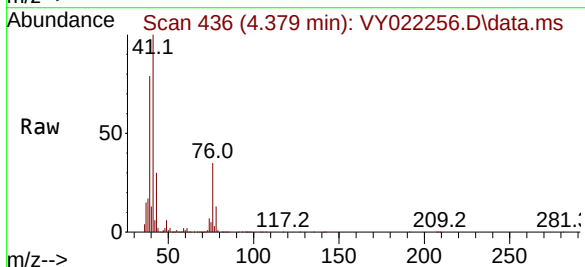
Tgt Ion: 41 Resp: 256499

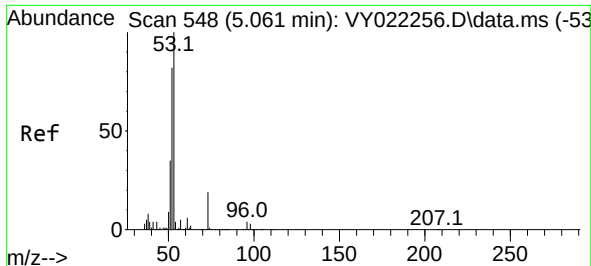
Ion Ratio Lower Upper

41 100

39 79.2 63.4 95.0

76 36.9 29.5 44.3

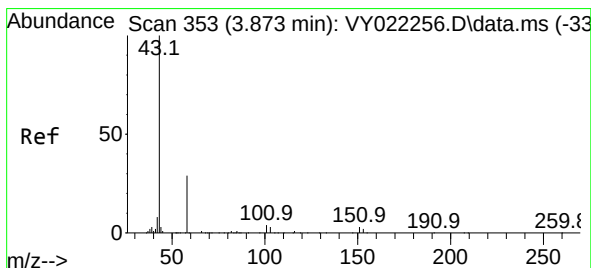
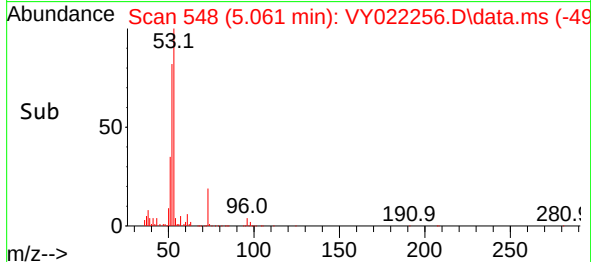
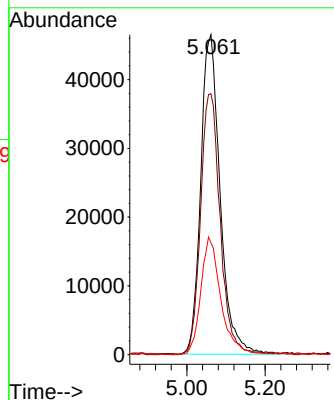
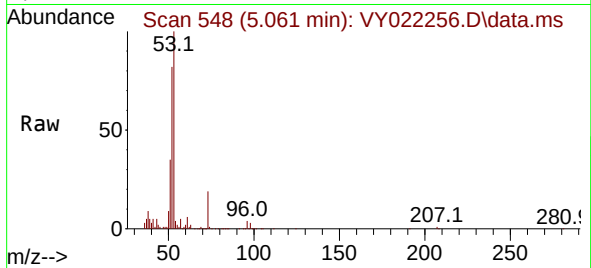




#15
Acrylonitrile
Concen: 244.283 ug/l
RT: 5.061 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

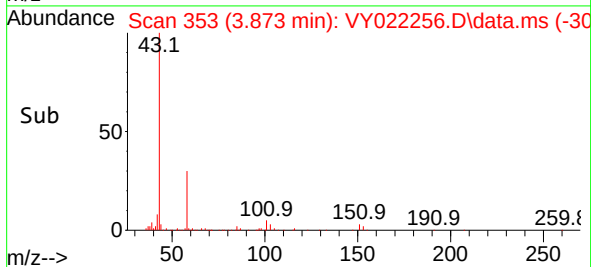
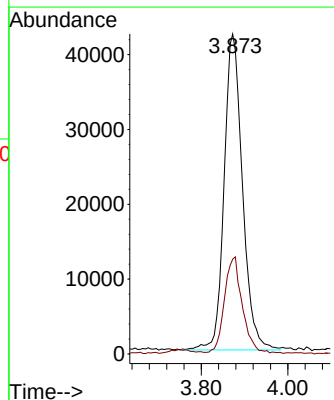
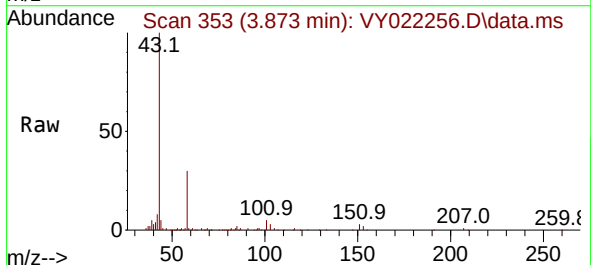
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

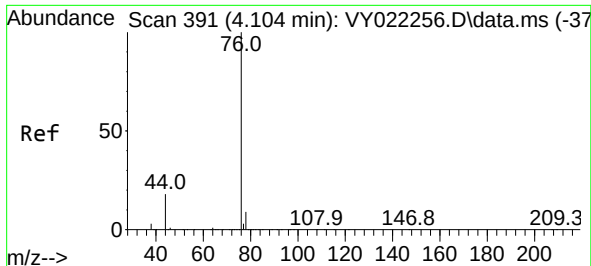
Tgt Ion: 53 Resp: 160496
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 37.5 30.0 45.0



#16
Acetone
Concen: 226.888 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 43 Resp: 124421
Ion Ratio Lower Upper
43 100
58 29.5 23.6 35.4

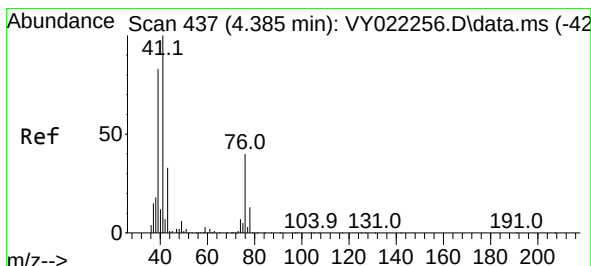
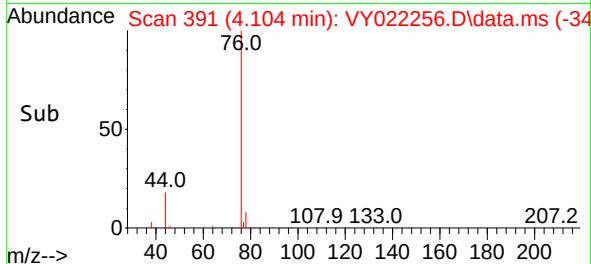
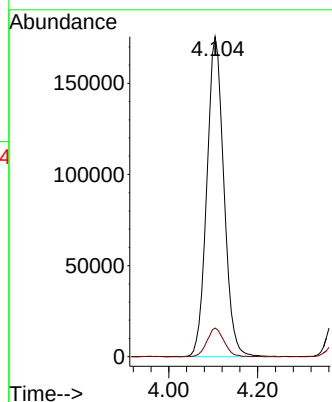
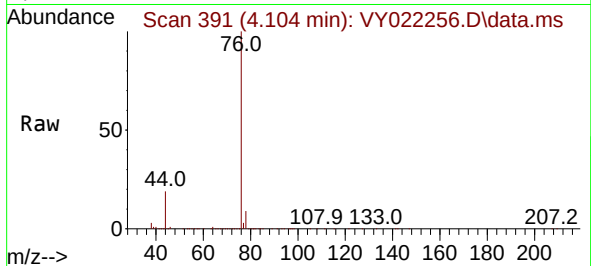




#17
Carbon Disulfide
Concen: 50.244 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

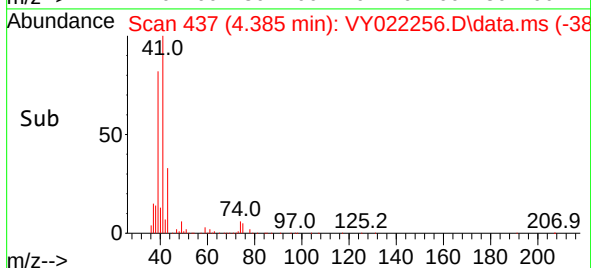
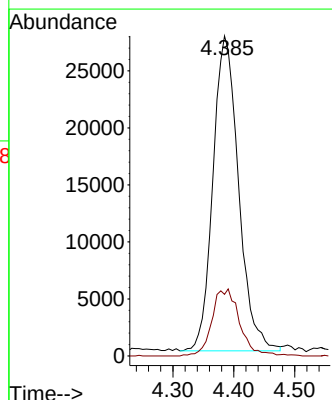
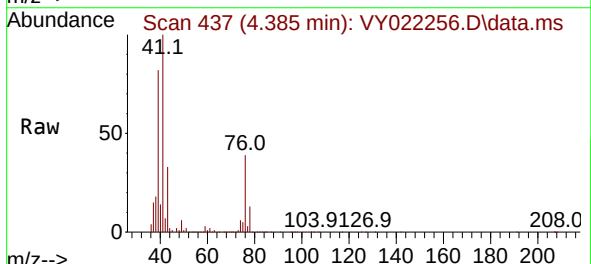
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

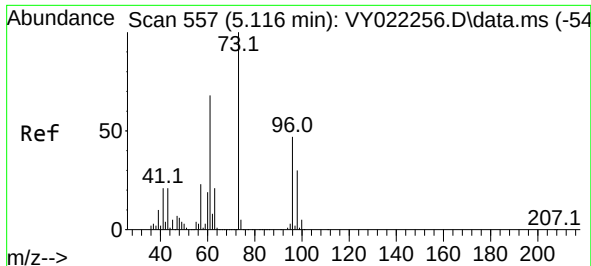
Tgt Ion: 76 Resp: 468979
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 48.436 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 43 Resp: 80820
Ion Ratio Lower Upper
43 100
74 22.8 18.2 27.4

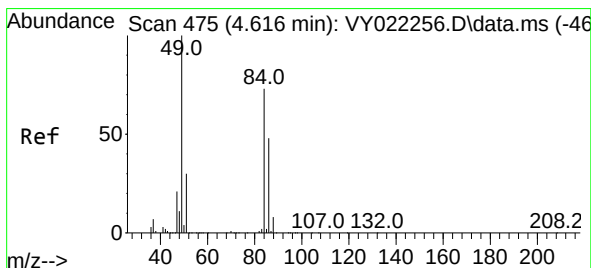
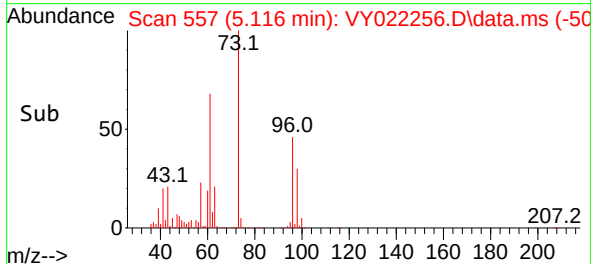
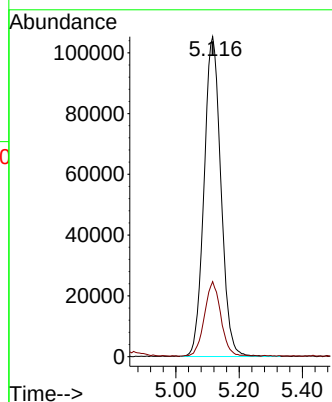
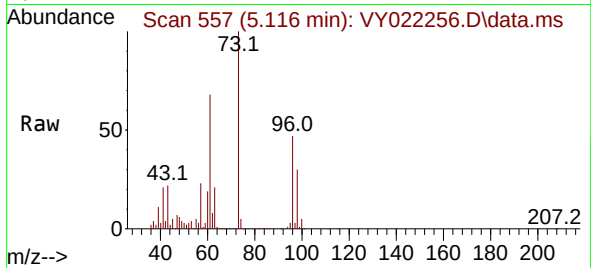




#19
Methyl tert-butyl Ether
Concen: 49.466 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

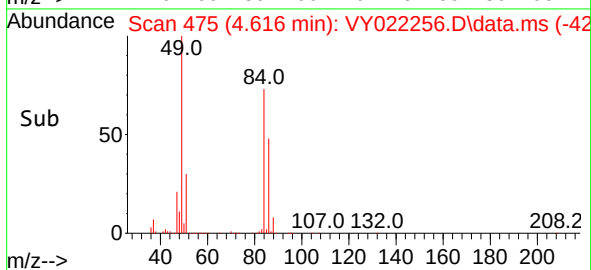
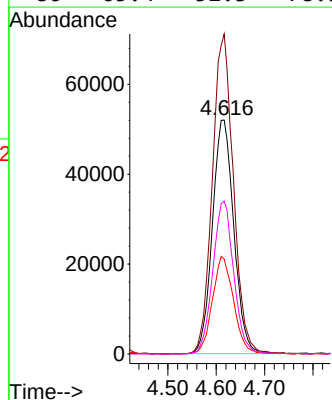
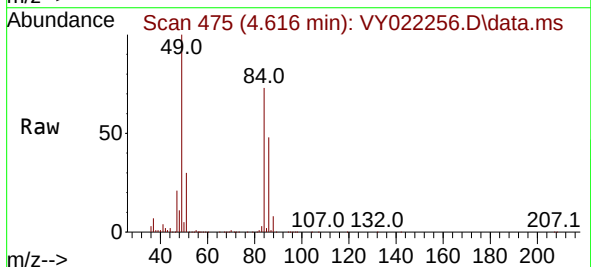
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

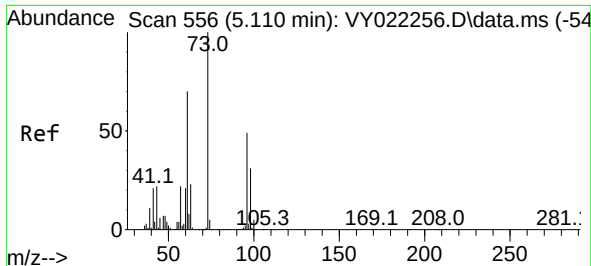
Tgt Ion: 73 Resp: 390412
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0



#20
Methylene Chloride
Concen: 45.087 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 84 Resp: 159764
Ion Ratio Lower Upper
84 100
49 137.0 109.6 164.4
51 40.5 32.4 48.6
86 65.4 52.3 78.5

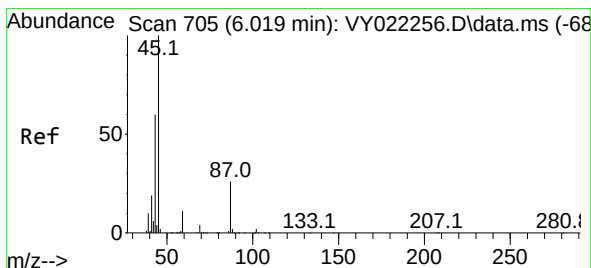
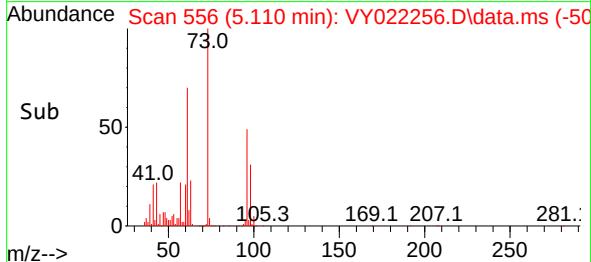
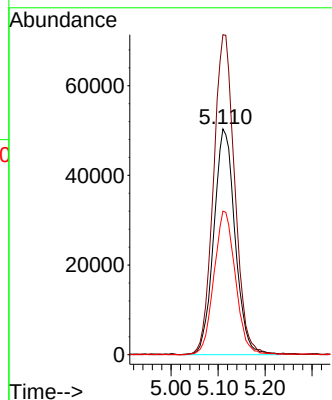
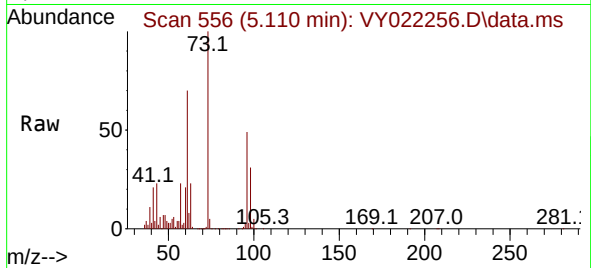




#21
trans-1,2-Dichloroethene
Concen: 50.181 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

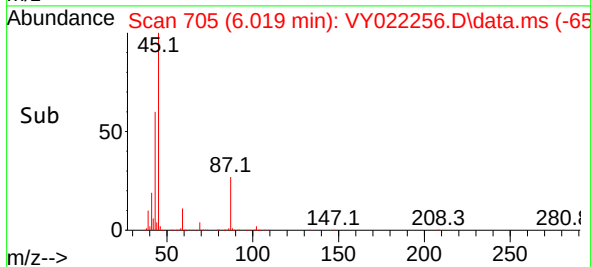
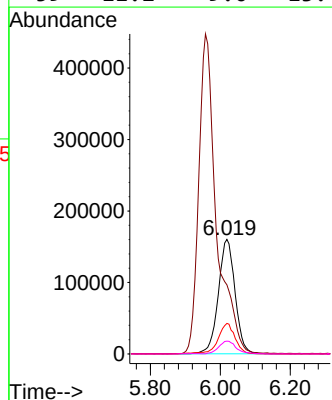
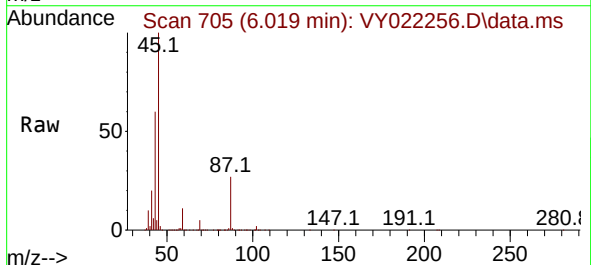
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

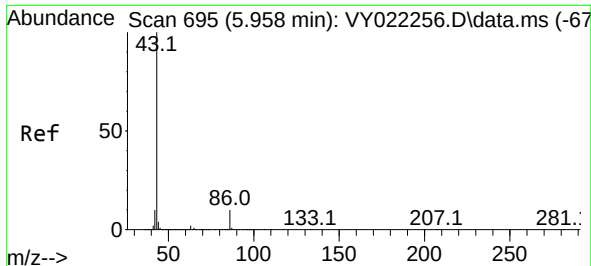
Tgt Ion: 96 Resp: 158544
Ion Ratio Lower Upper
96 100
61 141.7 113.4 170.0
98 63.6 50.9 76.3



#22
Diisopropyl ether
Concen: 50.152 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 45 Resp: 531560
Ion Ratio Lower Upper
45 100
43 60.2 48.2 72.2
87 26.7 21.4 32.0
59 11.2 9.0 13.4

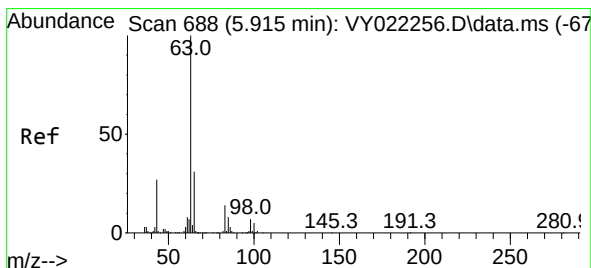
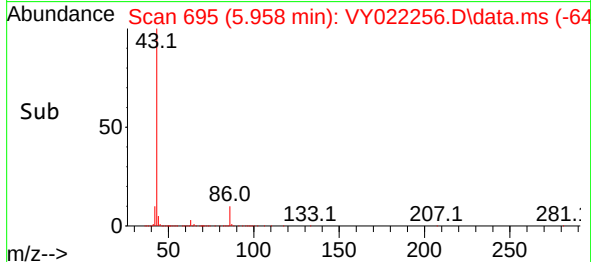
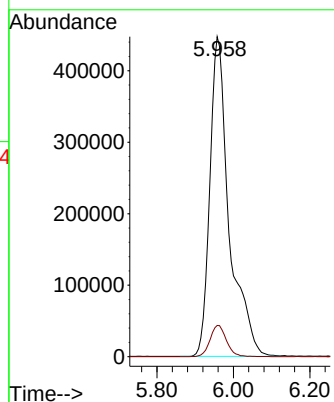
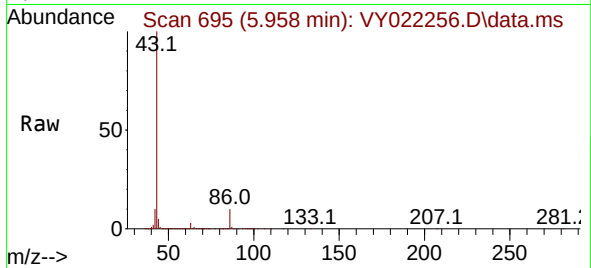




#23
 Vinyl Acetate
 Concen: 245.223 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

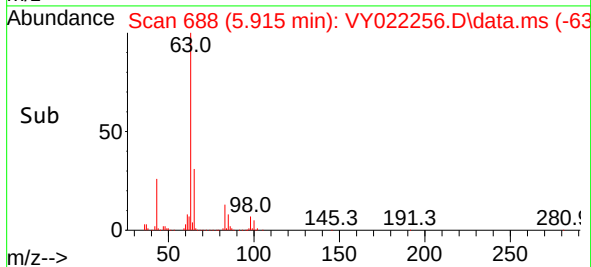
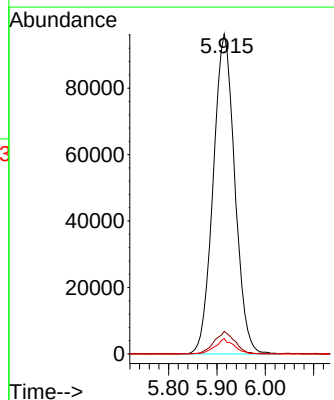
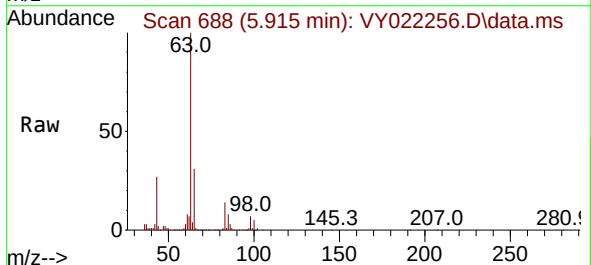
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

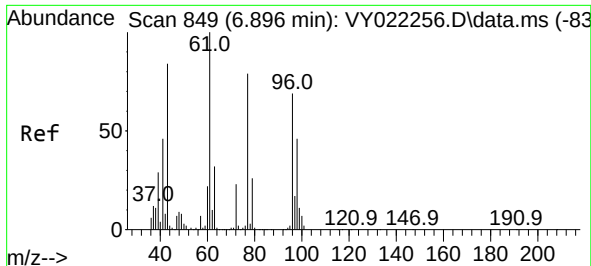
Tgt Ion: 43 Resp: 1570214
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 50.465 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion: 63 Resp: 298823
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.5
 100 4.8 2.4 7.2

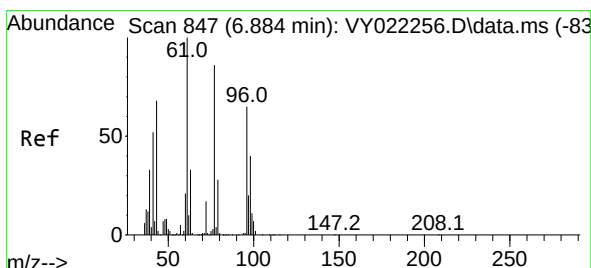
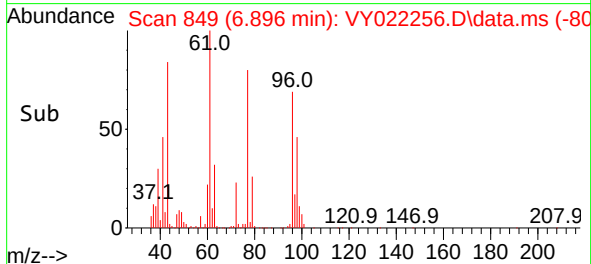
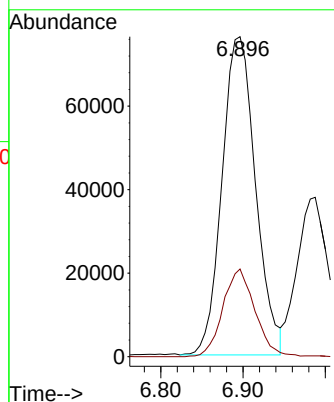
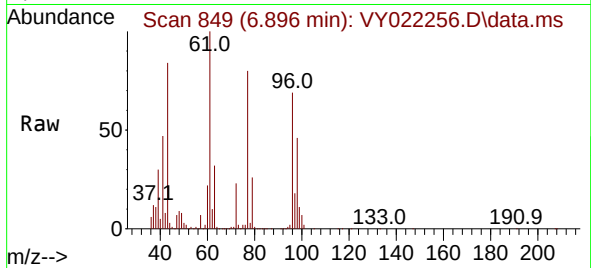




#25
2-Butanone
Concen: 235.291 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

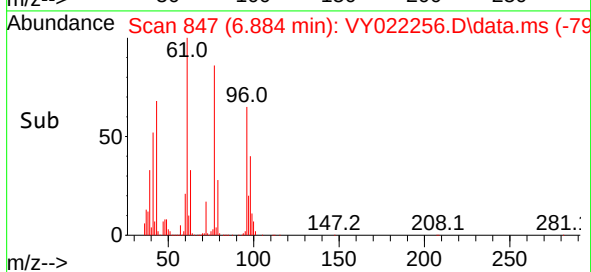
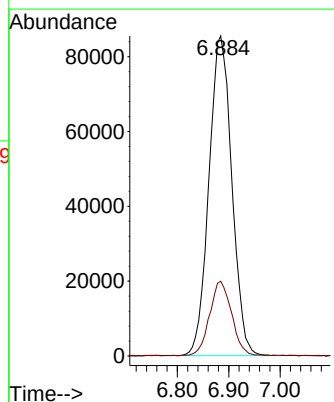
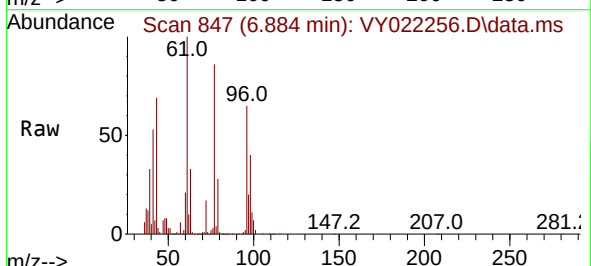
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

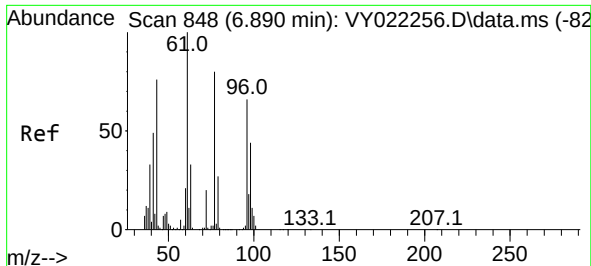
Tgt Ion: 43 Resp: 215828
Ion Ratio Lower Upper
43 100
72 27.6 22.1 33.1



#26
2,2-Dichloropropane
Concen: 50.153 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 77 Resp: 264141
Ion Ratio Lower Upper
77 100
97 22.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 50.698 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

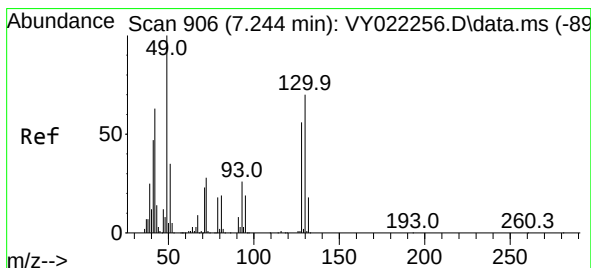
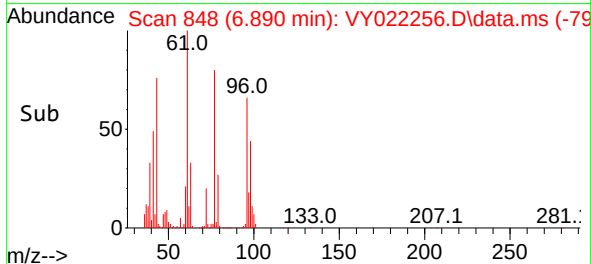
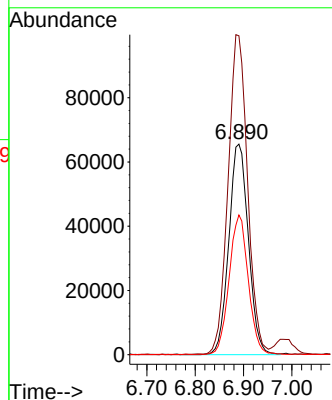
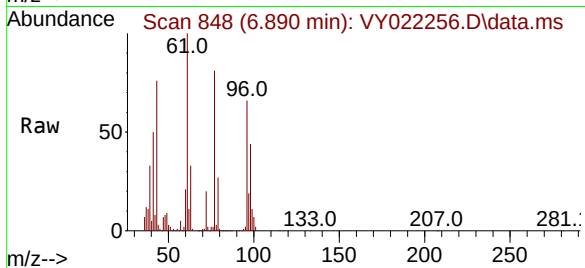
Tgt Ion: 96 Resp: 184842

Ion Ratio Lower Upper

96 100

61 151.3 0.0 302.6

98 64.4 0.0 128.8



#28

Bromochloromethane

Concen: 50.100 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

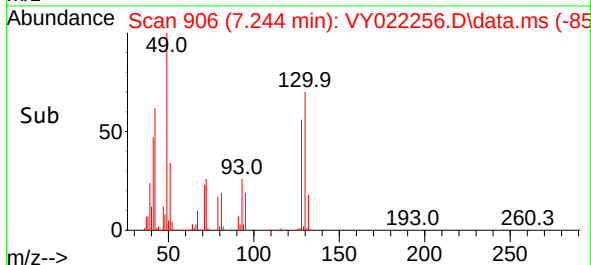
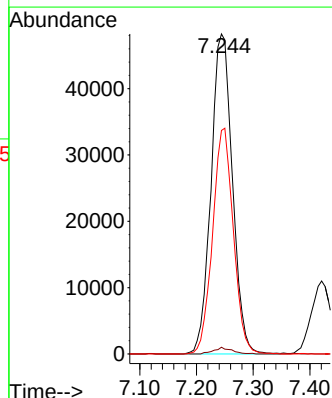
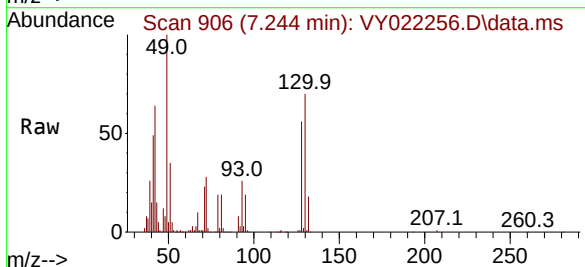
Tgt Ion: 49 Resp: 126541

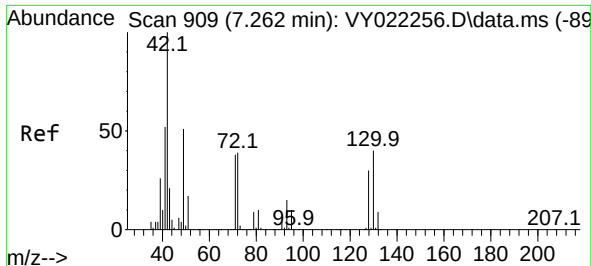
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 68.4 54.7 82.1





#29

Tetrahydrofuran

Concen: 241.931 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

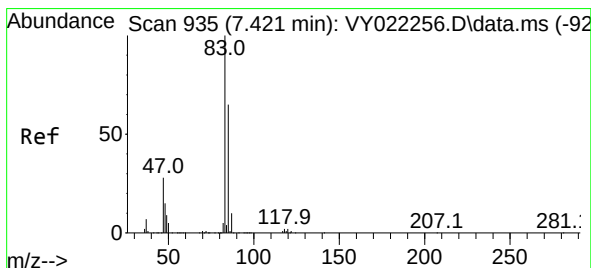
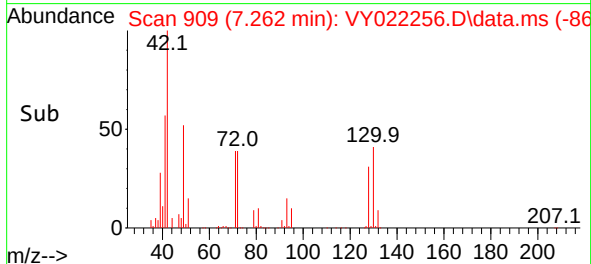
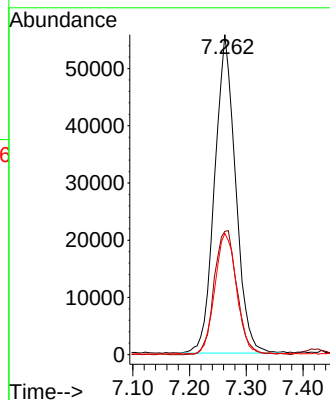
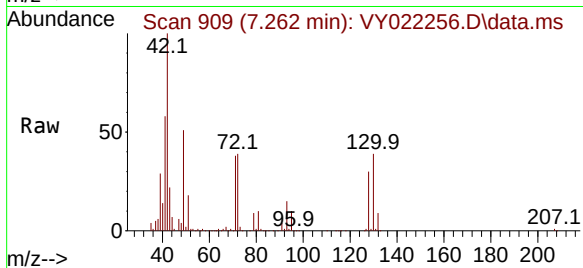
Tgt Ion: 42 Resp: 142772

Ion Ratio Lower Upper

42 100

72 42.2 33.8 50.6

71 39.4 31.5 47.3



#30

Chloroform

Concen: 50.831 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY022256.D

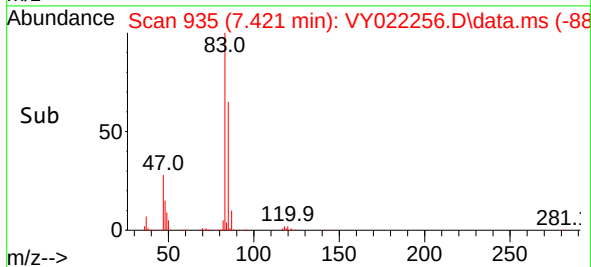
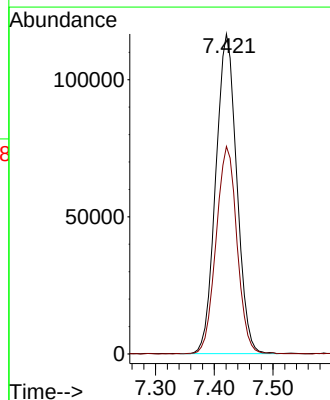
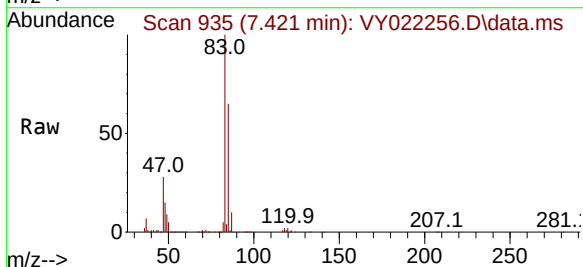
Acq: 15 May 2025 11:02

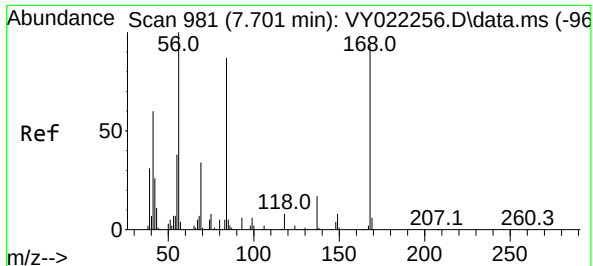
Tgt Ion: 83 Resp: 288708

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 47.728 ug/l

RT: 7.701 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

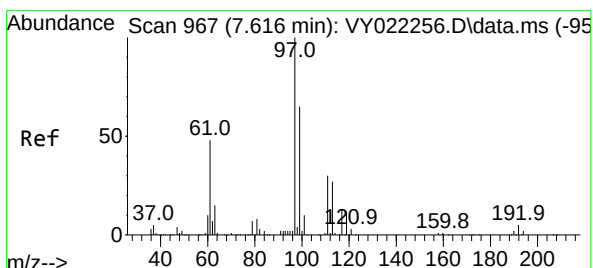
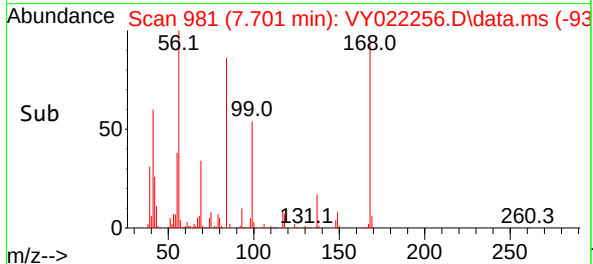
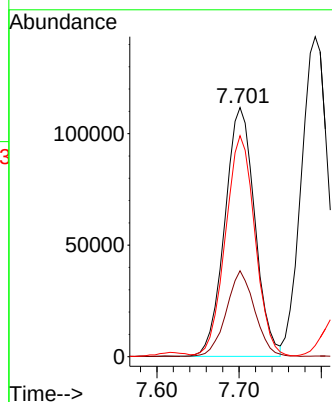
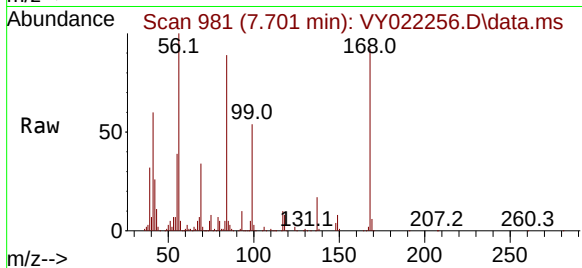
Tgt Ion: 56 Resp: 282375

Ion Ratio Lower Upper

56 100

69 34.3 27.4 41.2

84 87.5 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 49.777 ug/l

RT: 7.616 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

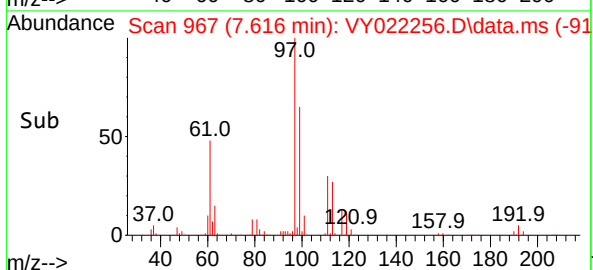
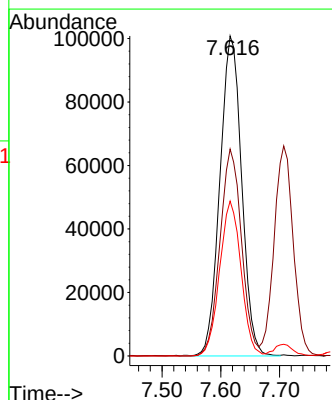
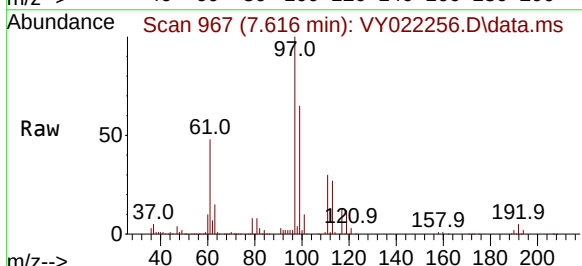
Tgt Ion: 97 Resp: 259382

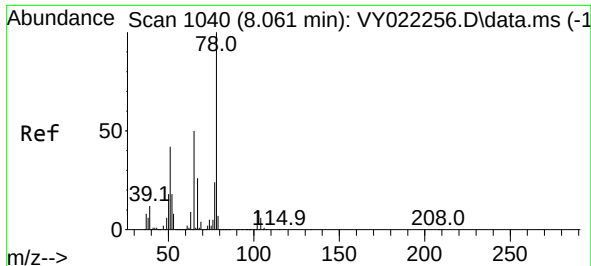
Ion Ratio Lower Upper

97 100

99 64.2 51.4 77.0

61 47.6 38.1 57.1





#33

1,2-Dichloroethane-d4

Concen: 49.481 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

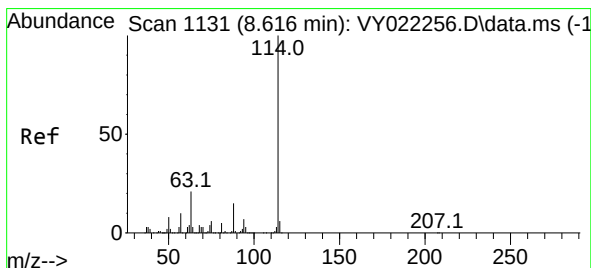
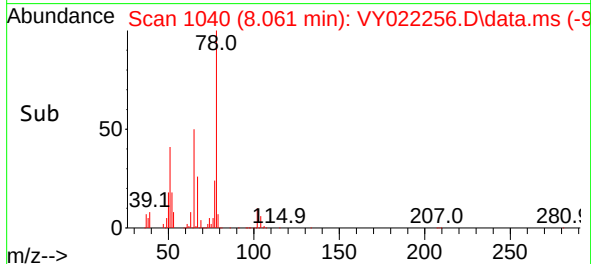
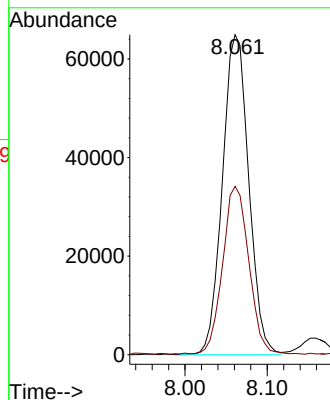
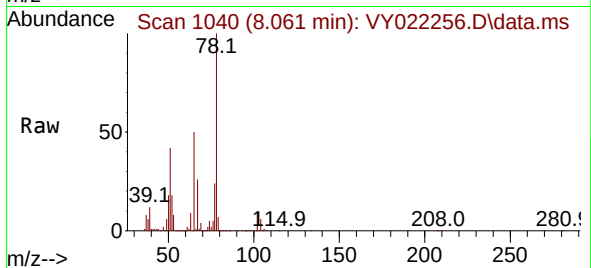
VSTDICCC050

Tgt Ion: 65 Resp: 144713

Ion Ratio Lower Upper

65 100

67 52.3 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: VY022256.D

Acq: 15 May 2025 11:02

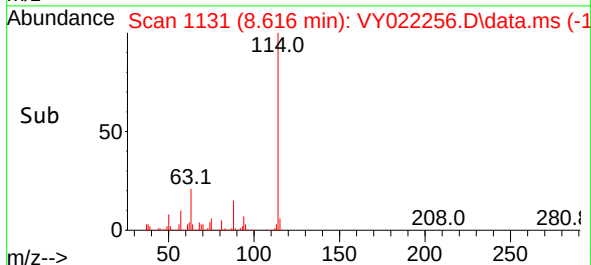
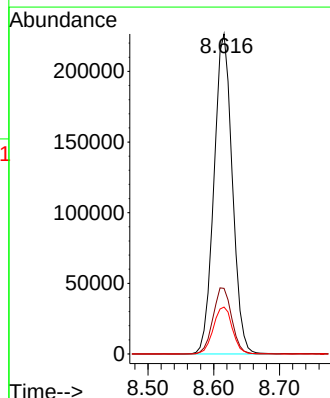
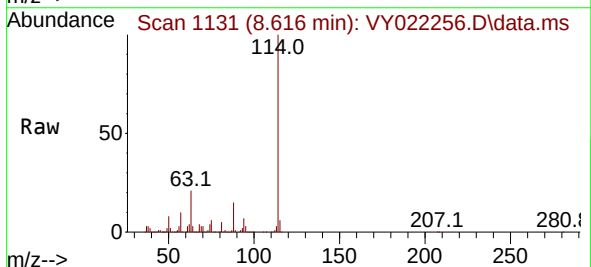
Tgt Ion: 114 Resp: 439323

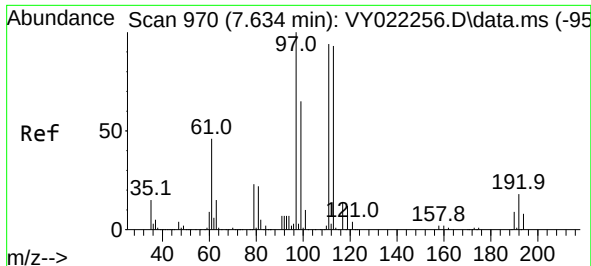
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 14.7 0.0 29.4

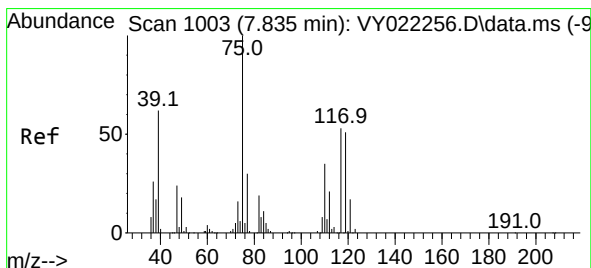
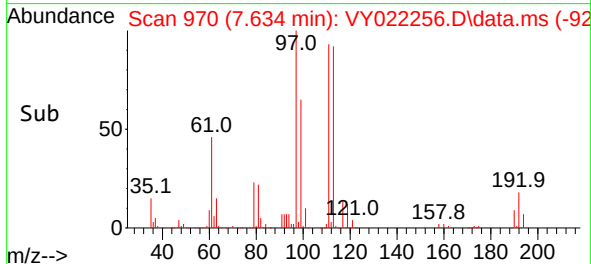
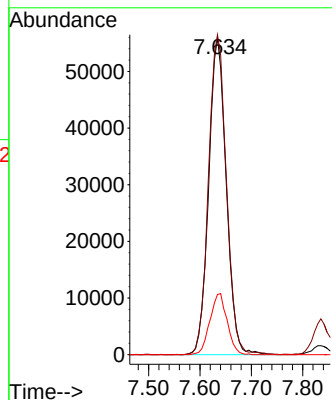
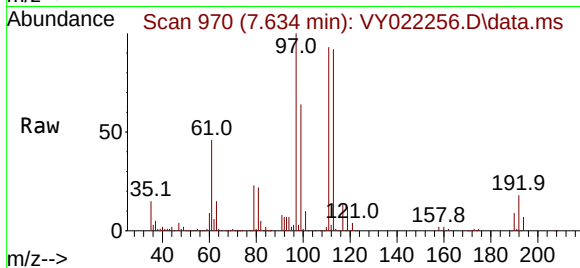




#35
Dibromofluoromethane
Concen: 50.495 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

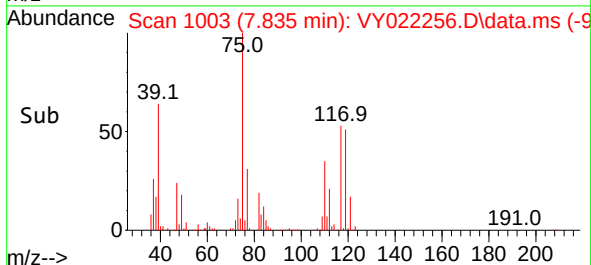
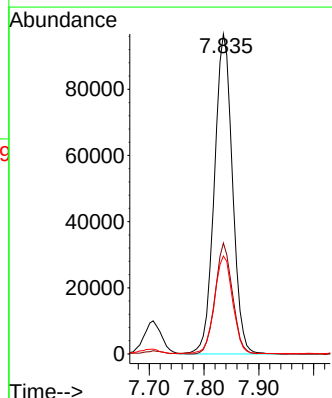
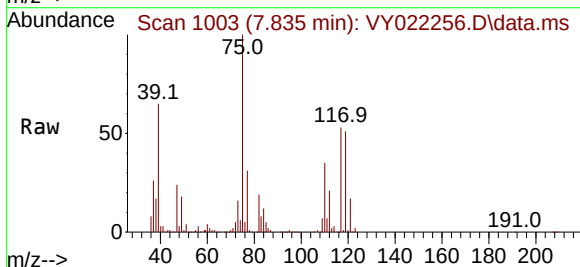
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

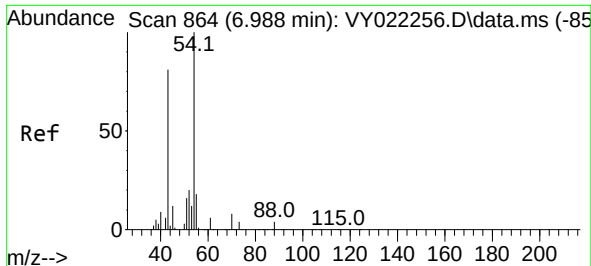
Tgt Ion:113 Resp: 132404
Ion Ratio Lower Upper
113 100
111 103.2 82.6 123.8
192 19.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 51.388 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 75 Resp: 221943
Ion Ratio Lower Upper
75 100
110 33.2 16.6 49.8
77 30.8 24.6 37.0

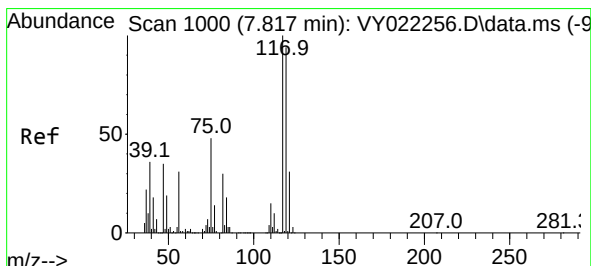
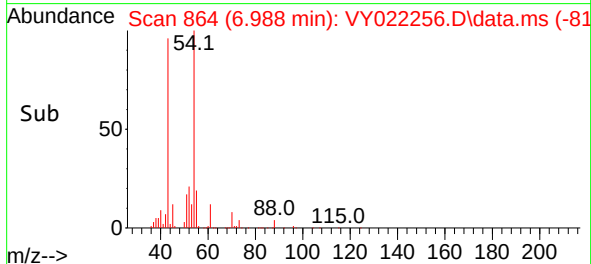
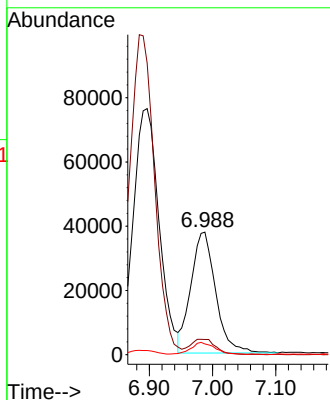
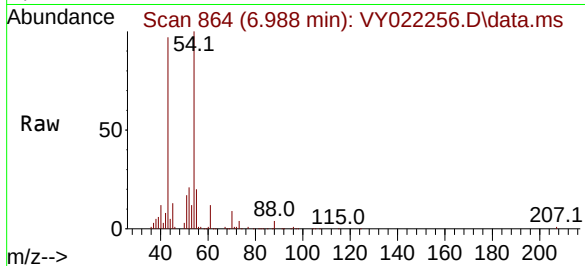




#37
Ethyl Acetate
Concen: 49.529 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

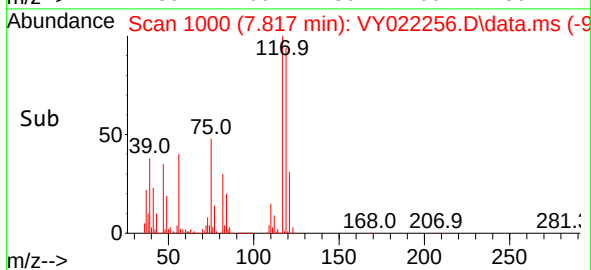
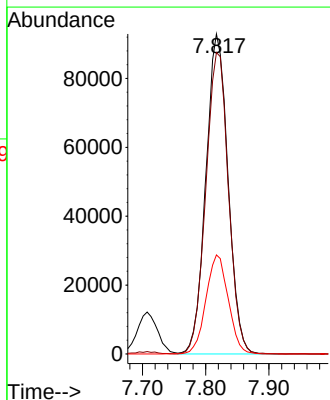
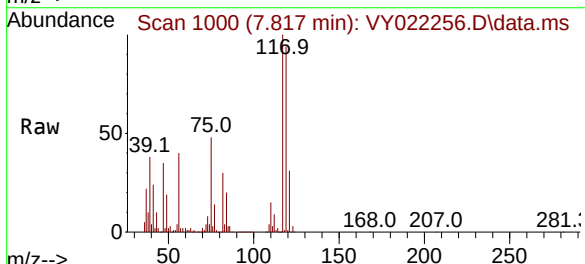
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

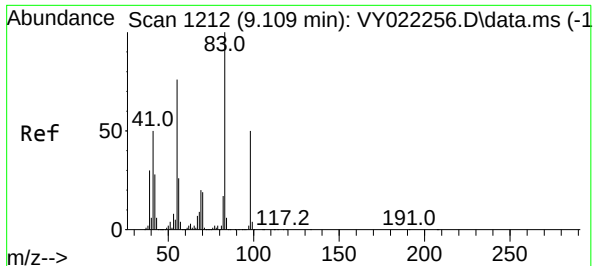
Tgt Ion: 43 Resp: 102924
Ion Ratio Lower Upper
43 100
61 12.7 10.2 15.2
70 9.5 7.6 11.4



#38
Carbon Tetrachloride
Concen: 50.754 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 117 Resp: 226903
Ion Ratio Lower Upper
117 100
119 94.1 75.3 112.9
121 30.9 24.7 37.1





#39

Methylcyclohexane

Concen: 50.726 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

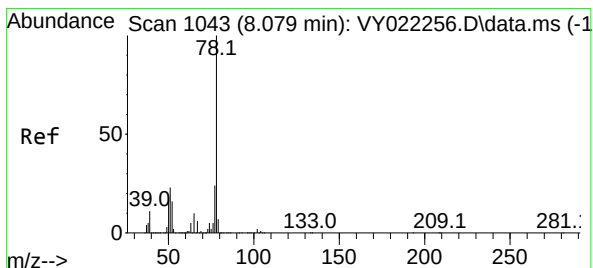
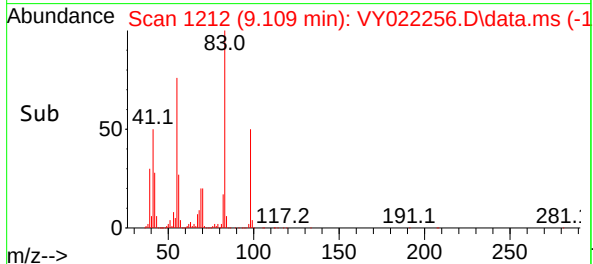
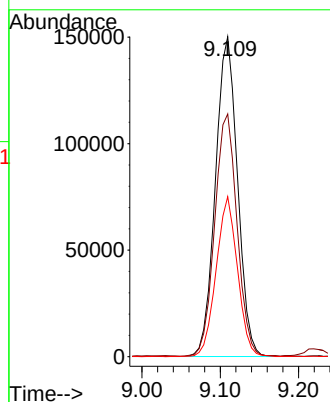
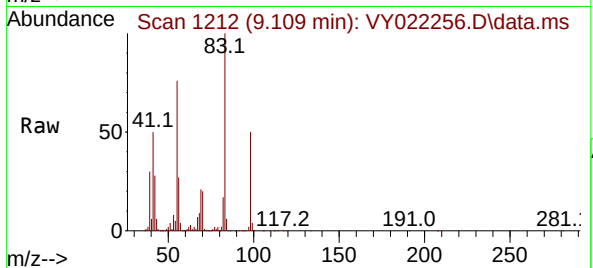
Tgt Ion: 83 Resp: 294336

Ion Ratio Lower Upper

83 100

55 75.7 60.6 90.8

98 50.0 40.0 60.0



#40

Benzene

Concen: 51.442 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY022256.D

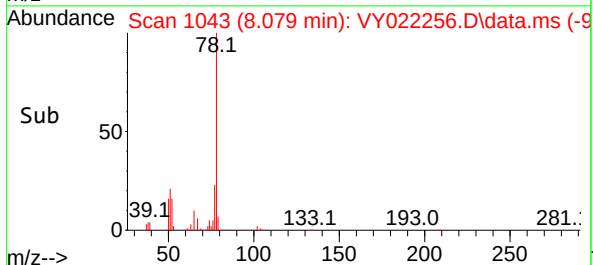
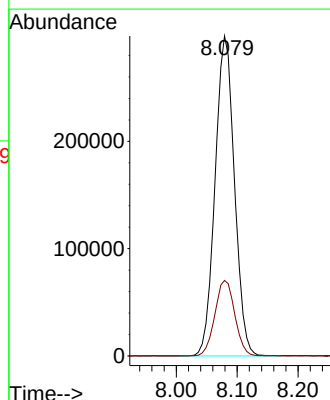
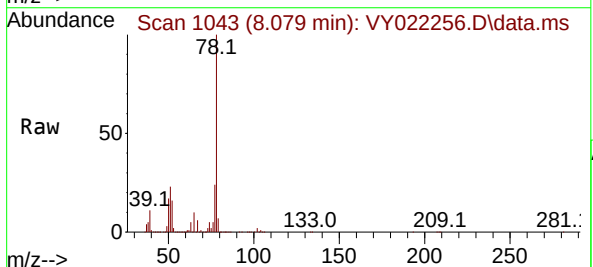
Acq: 15 May 2025 11:02

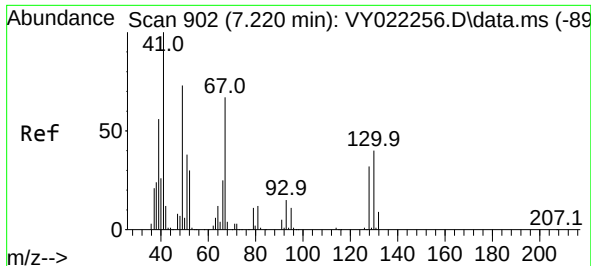
Tgt Ion: 78 Resp: 658644

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

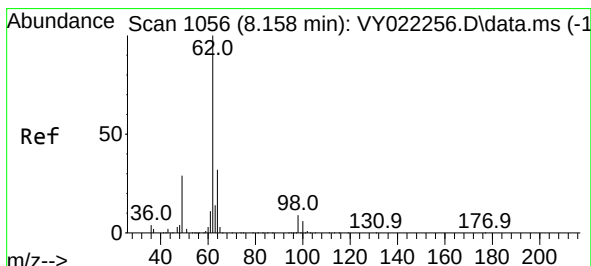
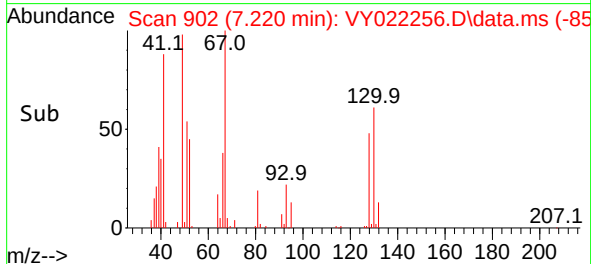
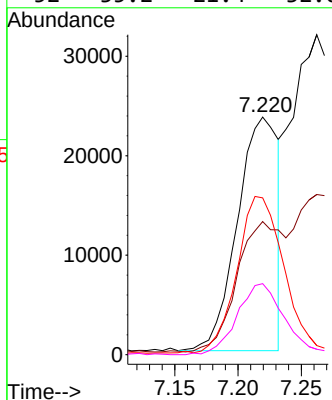
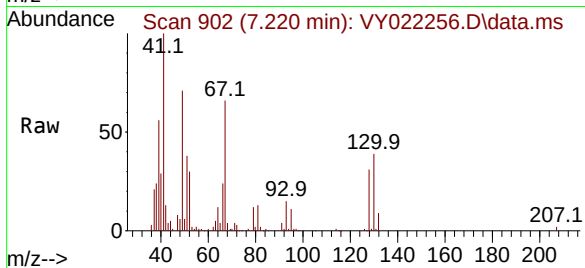




#41
Methacrylonitrile
Concen: 34.592 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

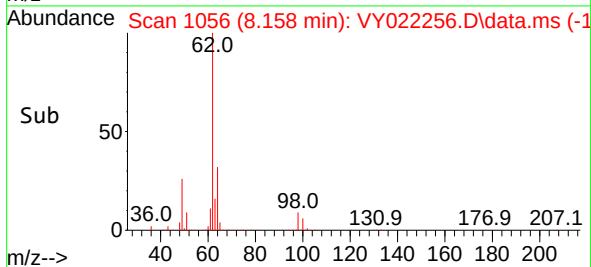
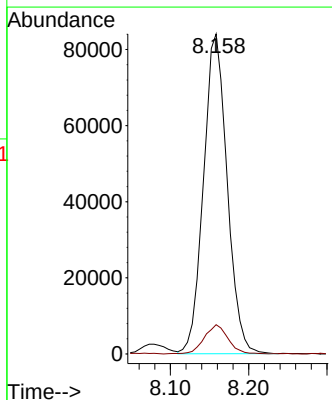
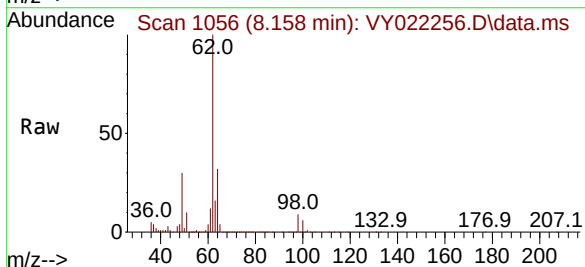
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

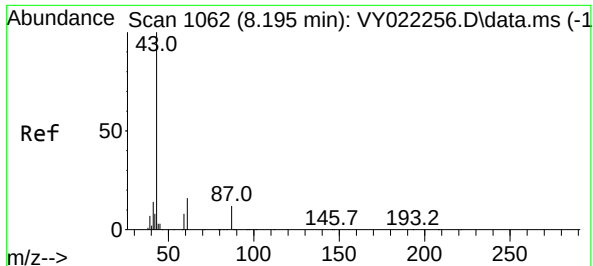
Tgt Ion:	41	Resp:	52599
Ion	Ratio	Lower	Upper
41	100		
39	64.4	39.1	58.7#
67	77.6	47.1	70.7#
52	35.2	21.4	32.0#



#42
1,2-Dichloroethane
Concen: 50.954 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:	62	Resp:	176425
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

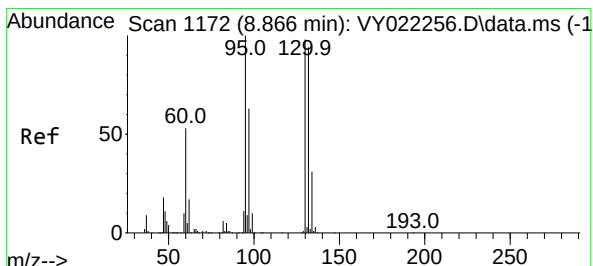
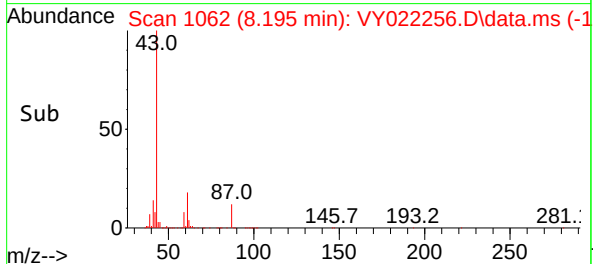
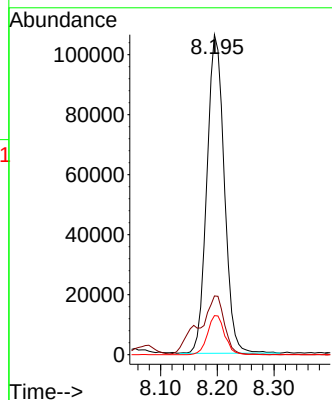
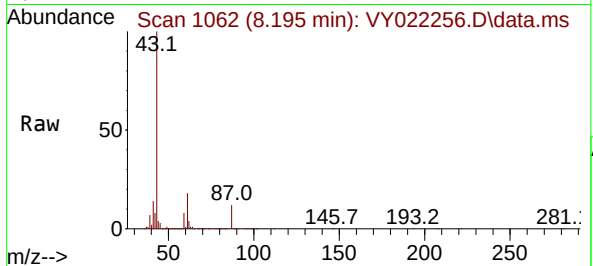




#43
Isopropyl Acetate
Concen: 49.785 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

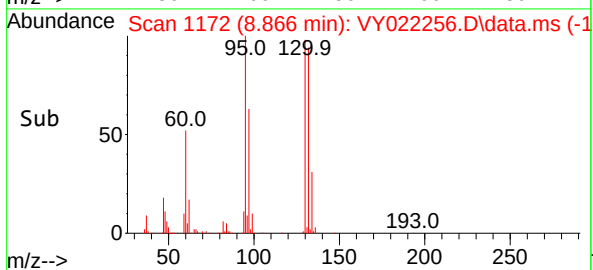
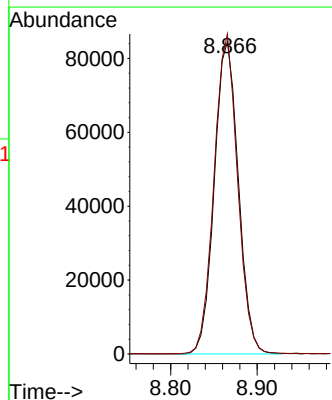
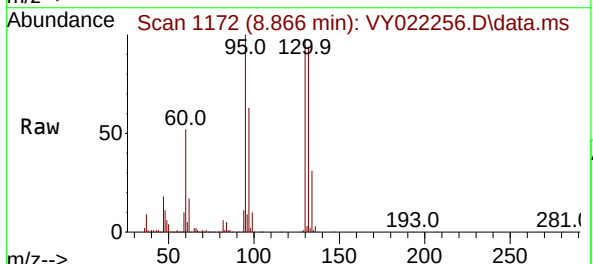
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

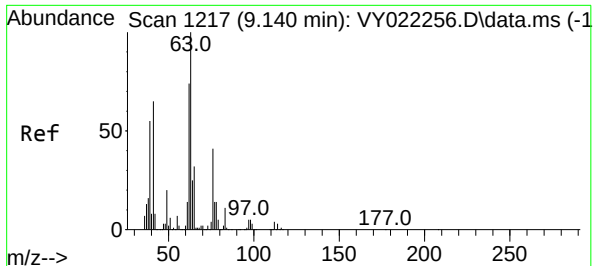
Tgt Ion: 43 Resp: 225628
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7
87 12.1 9.7 14.5



#44
Trichloroethene
Concen: 51.138 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:130 Resp: 162802
Ion Ratio Lower Upper
130 100
95 102.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 50.819 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

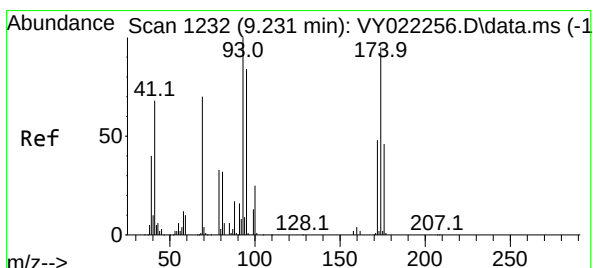
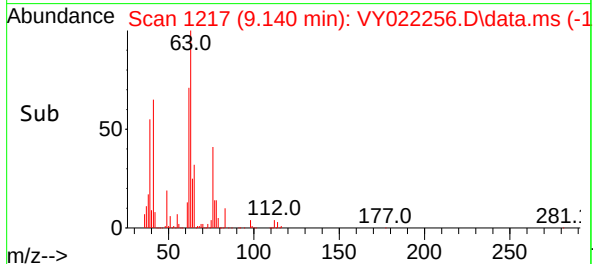
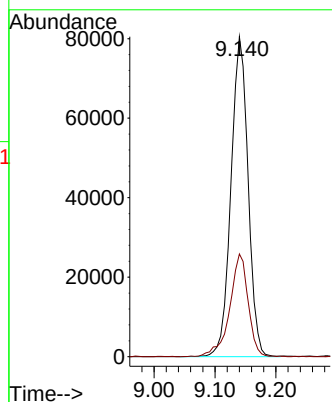
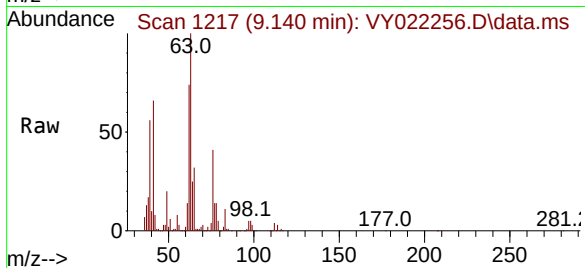
VSTDICCC050

Tgt Ion: 63 Resp: 156870

Ion Ratio Lower Upper

63 100

65 32.1 25.7 38.5



#46

Dibromomethane

Concen: 49.849 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

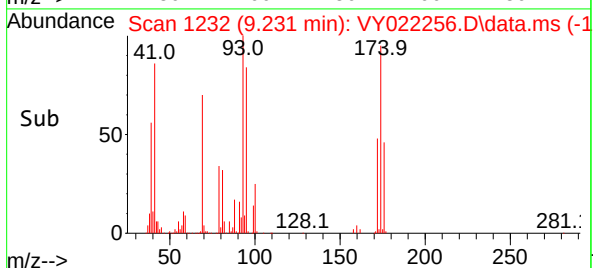
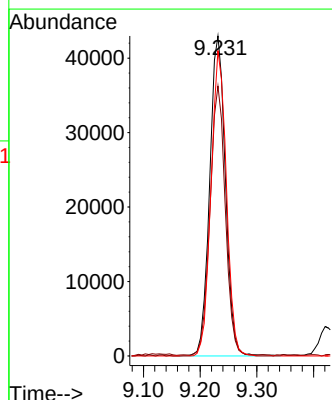
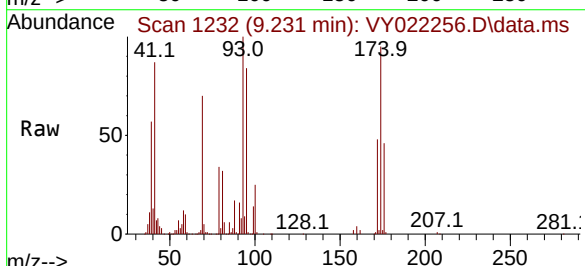
Tgt Ion: 93 Resp: 82994

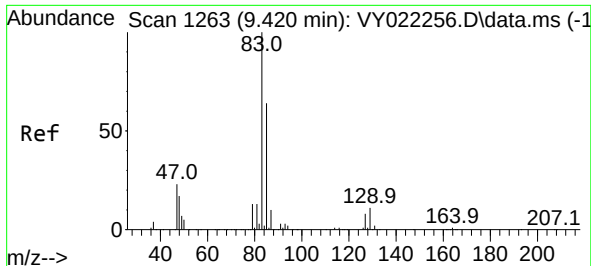
Ion Ratio Lower Upper

93 100

95 81.5 65.2 97.8

174 92.9 74.3 111.5

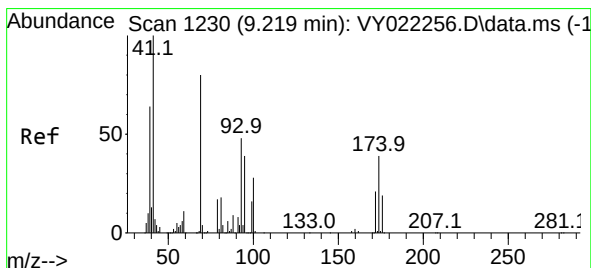
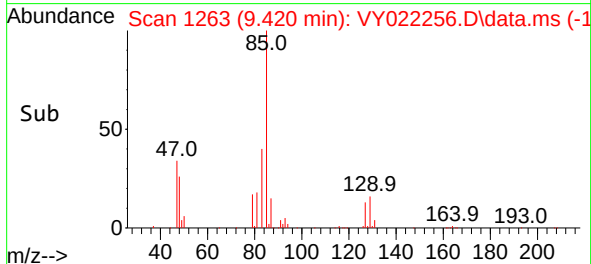
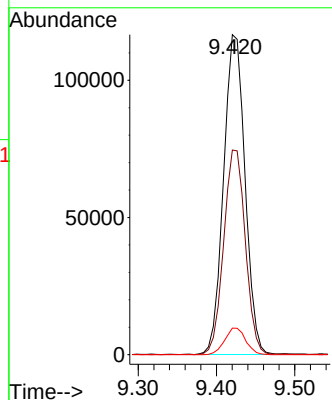
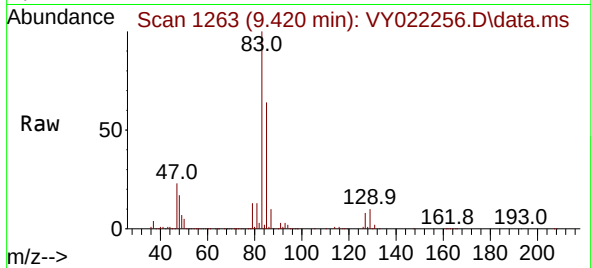




#47
Bromodichloromethane
Concen: 51.435 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

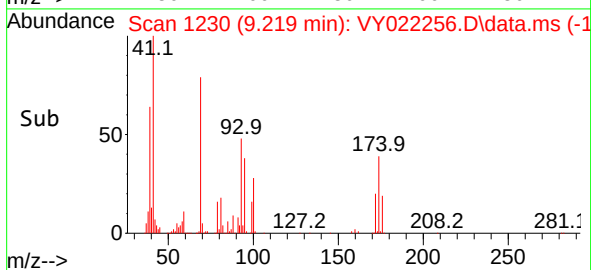
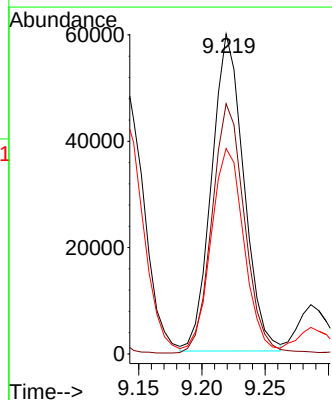
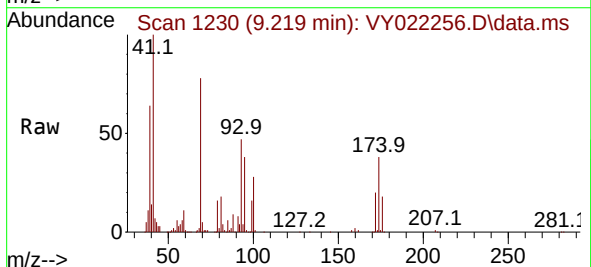
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

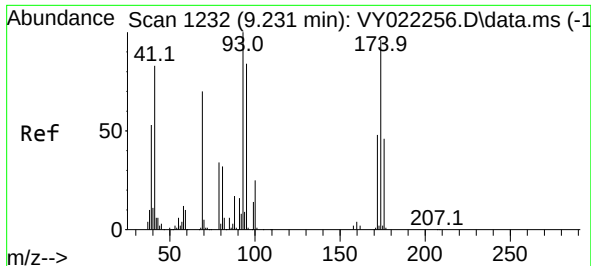
Tgt Ion: 83 Resp: 222159
Ion Ratio Lower Upper
83 100
85 63.9 51.1 76.7
127 8.3 6.6 10.0



#48
Methyl methacrylate
Concen: 49.726 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 41 Resp: 105390
Ion Ratio Lower Upper
41 100
69 79.4 63.5 95.3
39 63.5 50.8 76.2





#49

1,4-Dioxane

Concen: 958.446 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

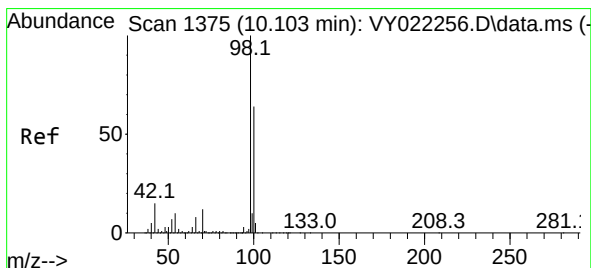
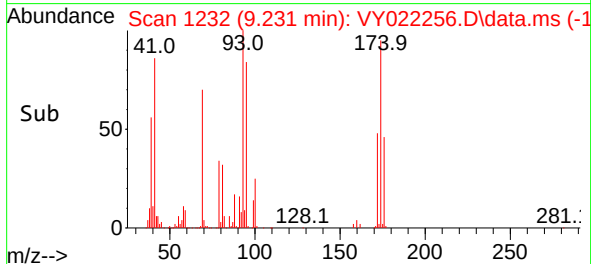
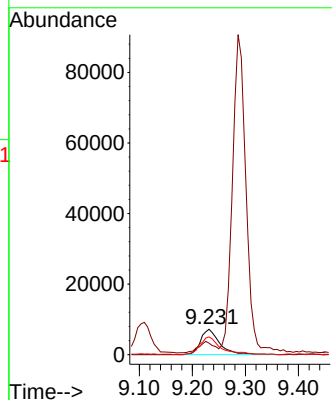
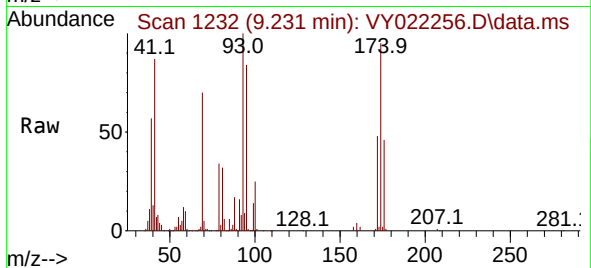
Tgt Ion: 88 Resp: 18027

Ion Ratio Lower Upper

88 100

43 35.6 28.5 42.7

58 76.8 61.4 92.2



#50

Toluene-d8

Concen: 50.311 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY022256.D

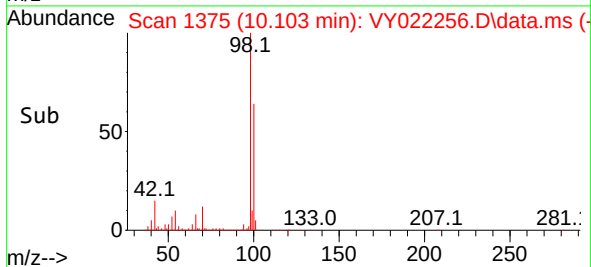
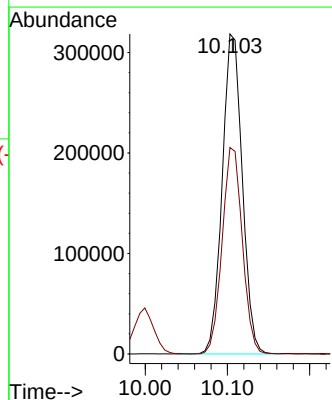
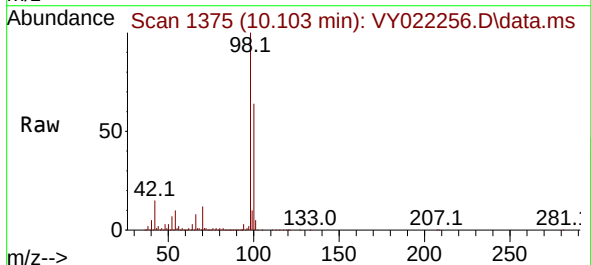
Acq: 15 May 2025 11:02

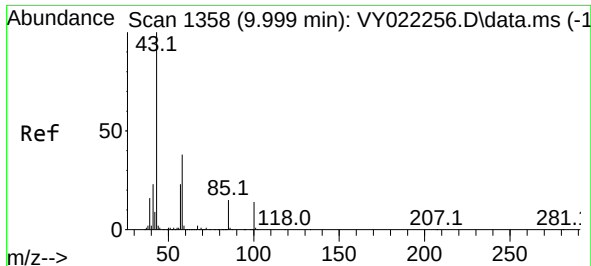
Tgt Ion: 98 Resp: 540296

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8

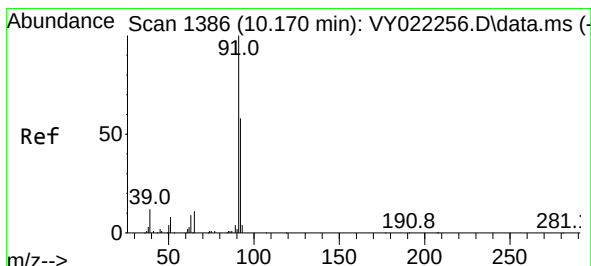
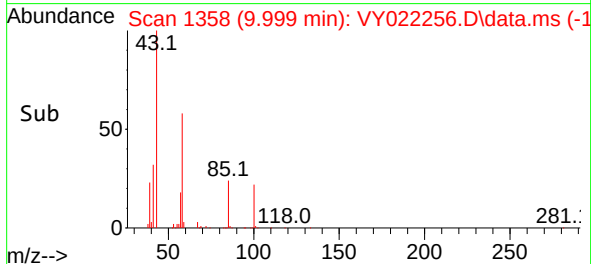
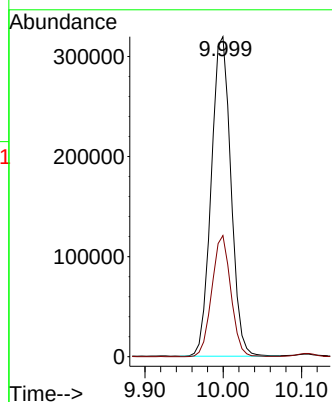
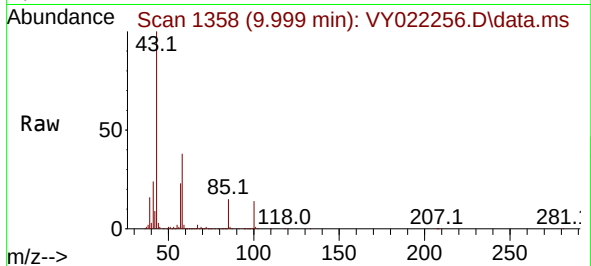




#51
4-Methyl-2-Pentanone
Concen: 250.085 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

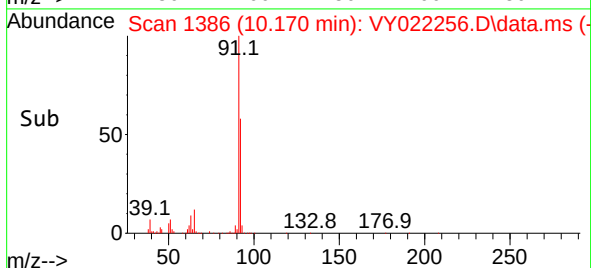
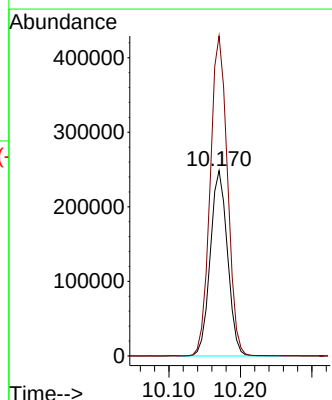
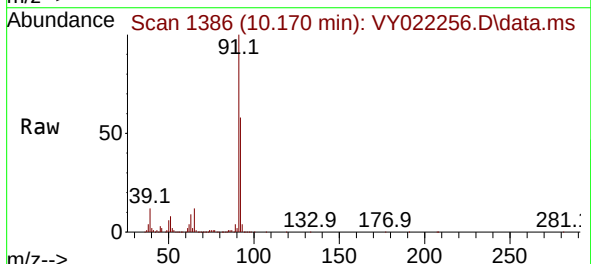
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

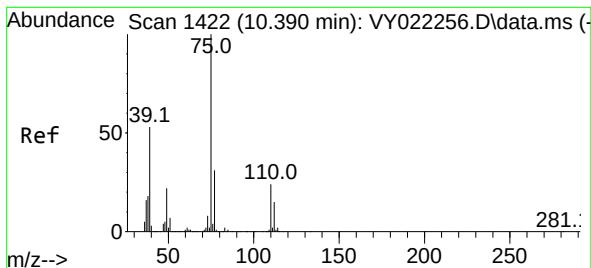
Tgt Ion: 43 Resp: 556123
Ion Ratio Lower Upper
43 100
58 36.8 29.4 44.2



#52
Toluene
Concen: 51.134 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 92 Resp: 414584
Ion Ratio Lower Upper
92 100
91 173.9 139.1 208.7

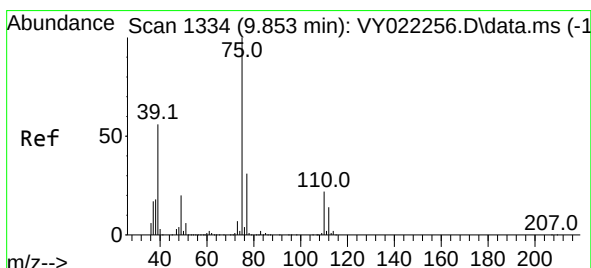
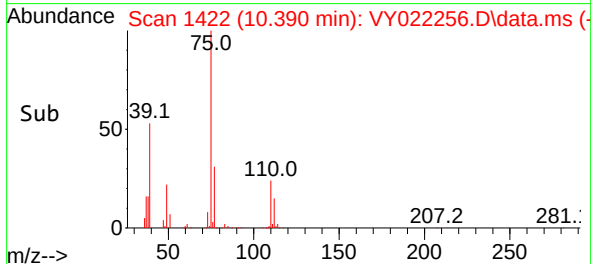
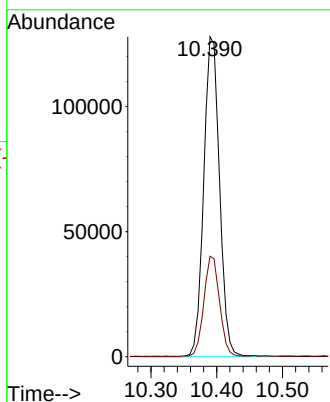
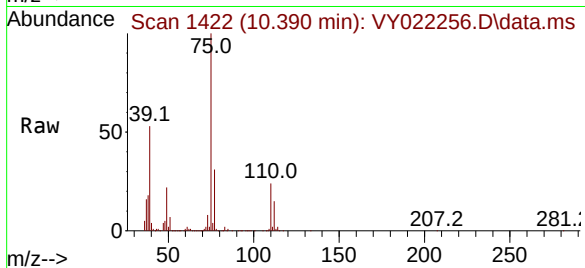




#53
 t-1,3-Dichloropropene
 Concen: 50.768 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

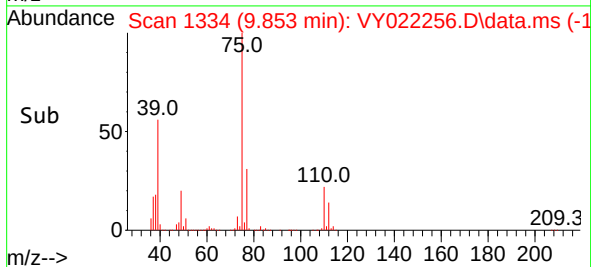
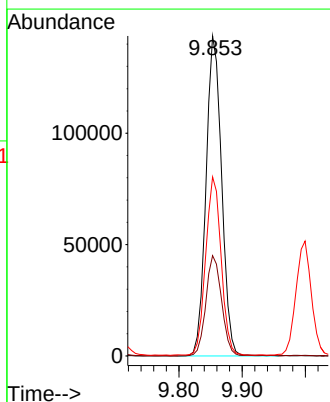
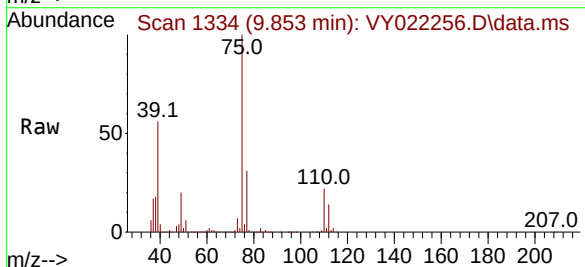
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

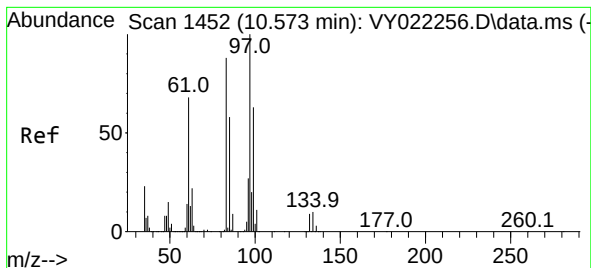
Tgt Ion: 75 Resp: 213993
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.143 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion: 75 Resp: 246990
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 55.6 44.5 66.7



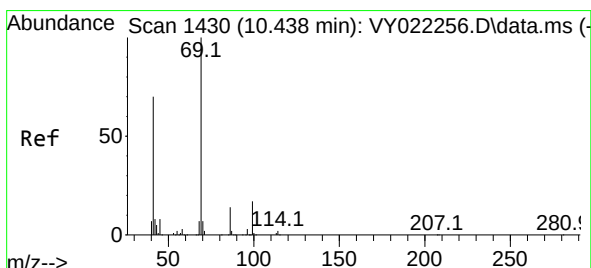
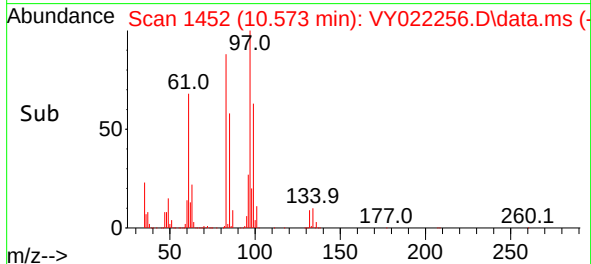
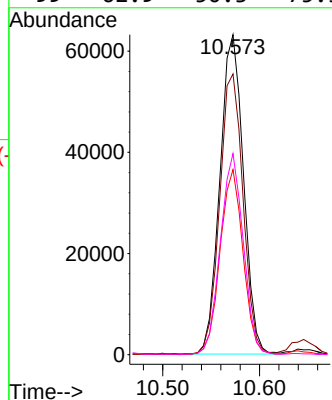
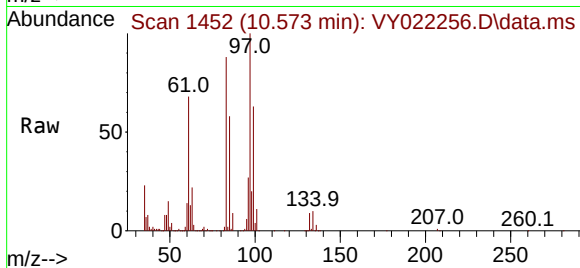


#55
 1,1,2-Trichloroethane
 Concen: 50.036 ug/l
 RT: 10.573 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 97 Resp: 106676

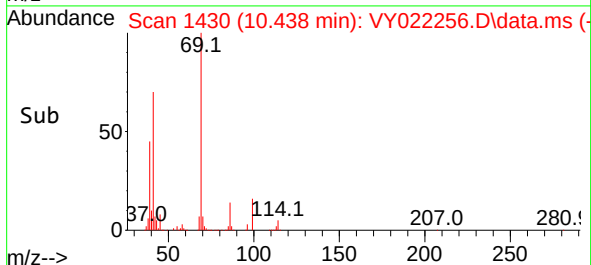
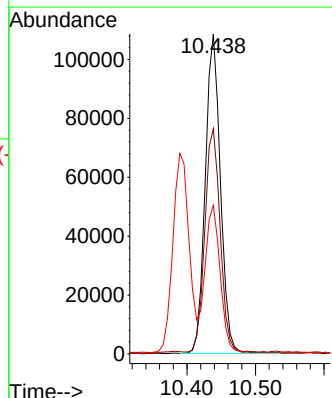
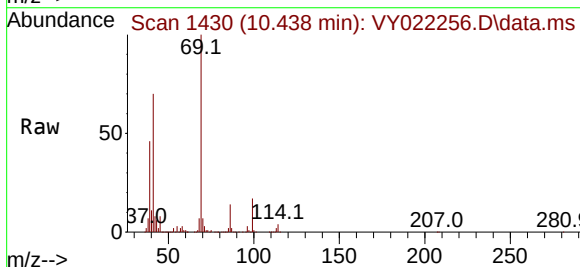
Ion	Ratio	Lower	Upper
97	100		
83	87.9	70.3	105.5
85	57.8	46.2	69.4
99	62.9	50.3	75.5

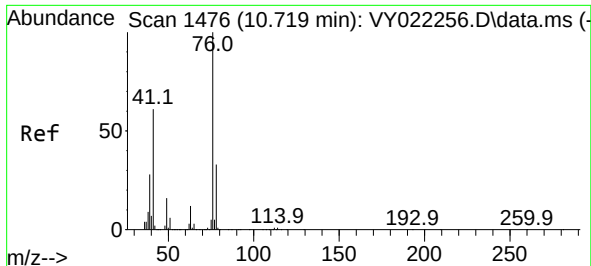


#56
 Ethyl methacrylate
 Concen: 50.364 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion: 69 Resp: 167259

Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.5	84.7
39	46.4	37.1	55.7





#57

1,3-Dichloropropane

Concen: 50.759 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

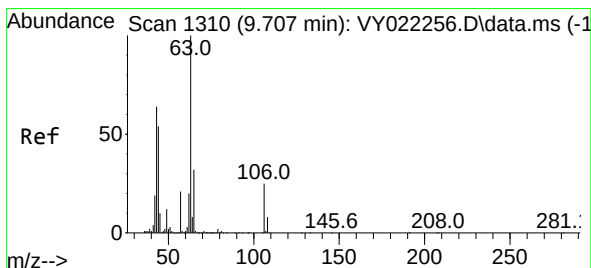
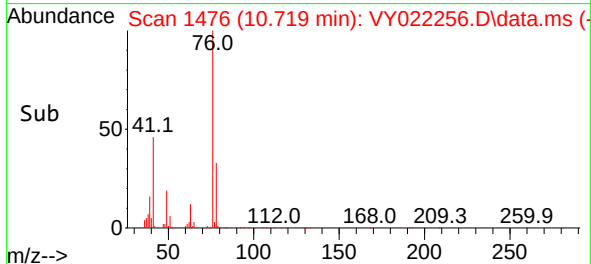
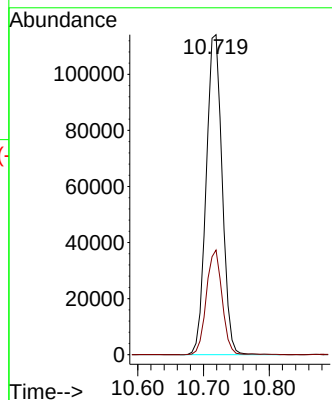
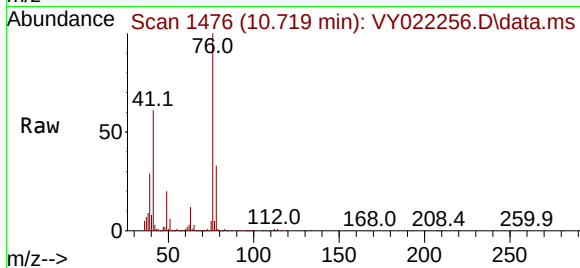
VSTDICCC050

Tgt Ion: 76 Resp: 192275

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 270.408 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.000 min

Lab File: VY022256.D

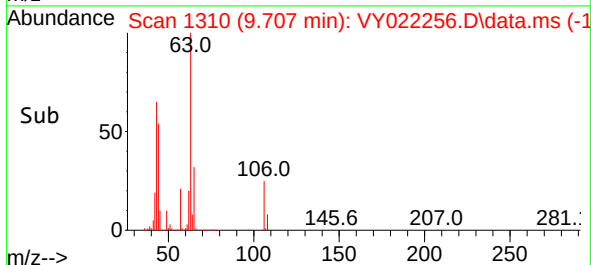
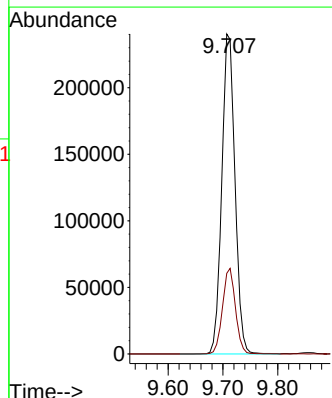
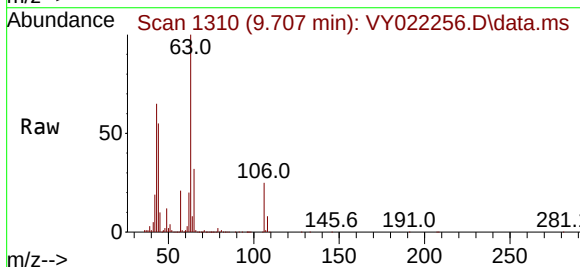
Acq: 15 May 2025 11:02

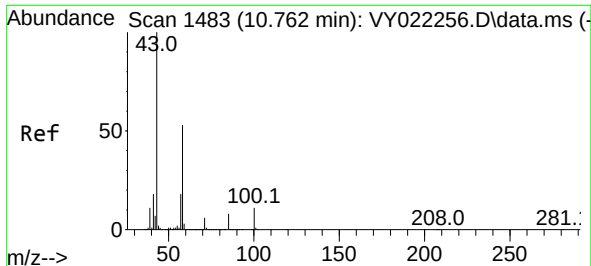
Tgt Ion: 63 Resp: 403074

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4

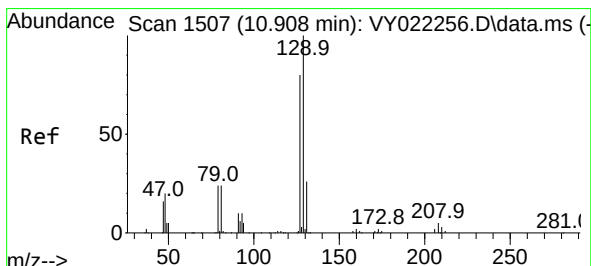
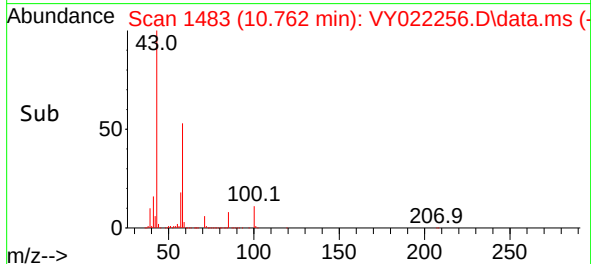
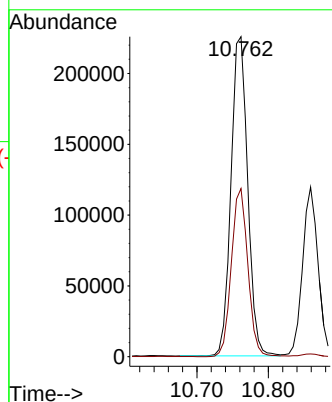
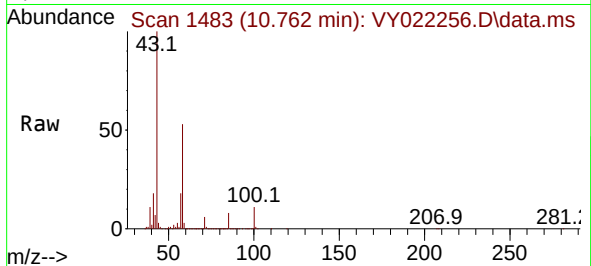




#59
2-Hexanone
Concen: 244.881 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

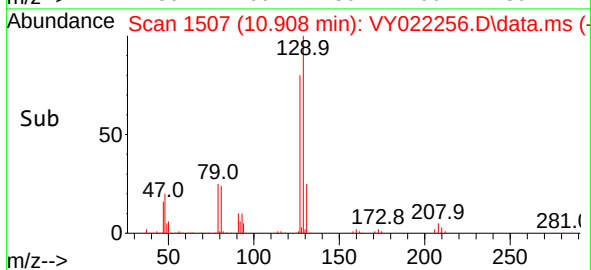
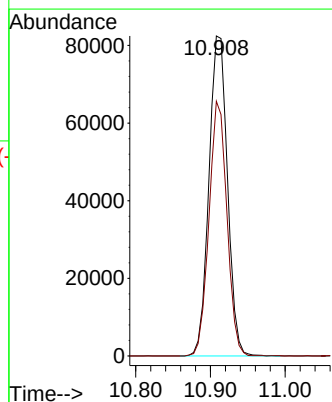
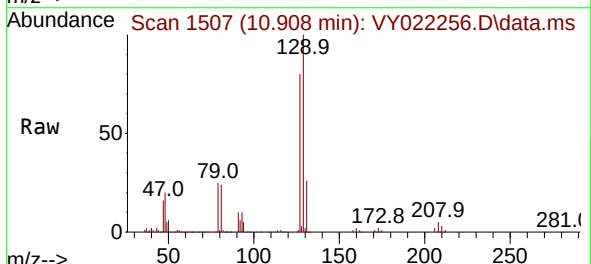
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

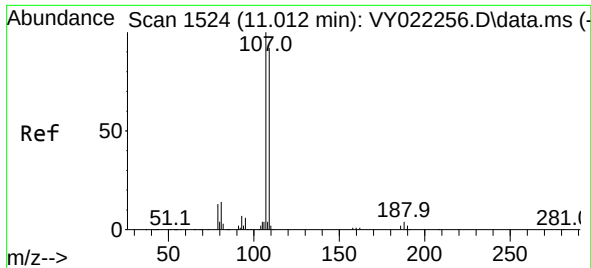
Tgt Ion: 43 Resp: 365111
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3



#60
Dibromochloromethane
Concen: 51.278 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 129 Resp: 141896
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7

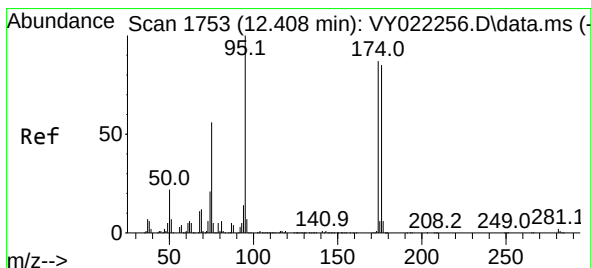
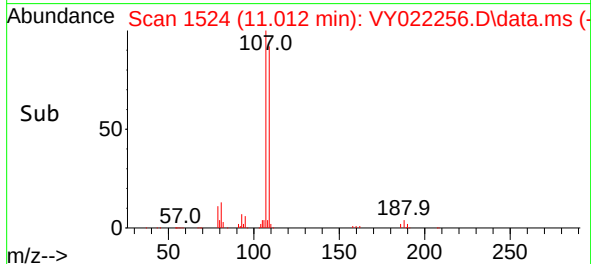
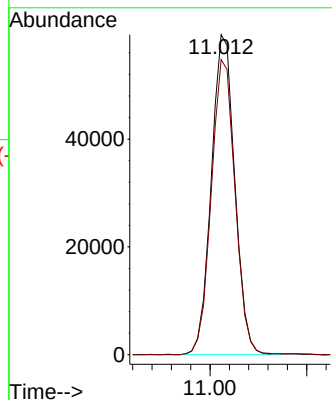
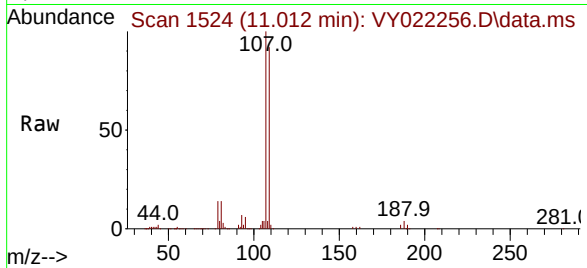




#61
1,2-Dibromoethane
Concen: 50.236 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

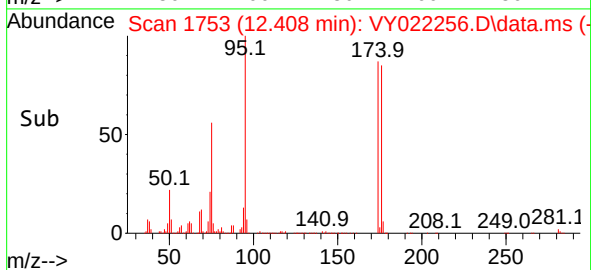
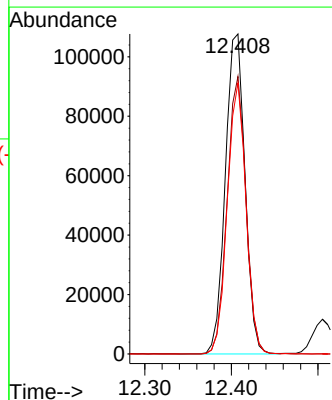
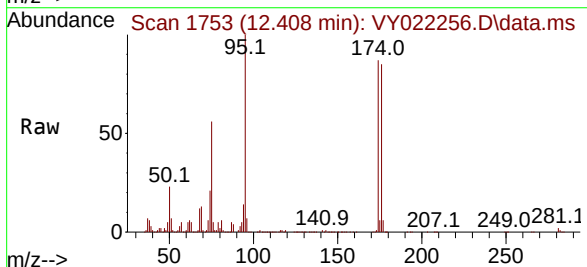
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

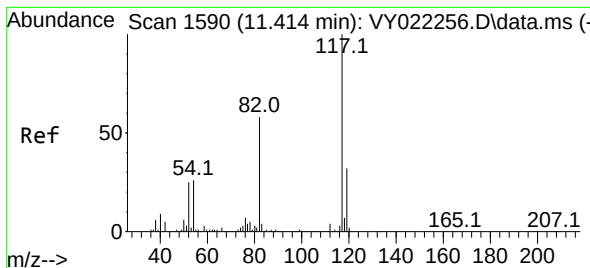
Tgt Ion:107 Resp: 99822
Ion Ratio Lower Upper
107 100
109 93.2 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 49.891 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 95 Resp: 169827
Ion Ratio Lower Upper
95 100
174 83.4 0.0 166.8
176 80.4 0.0 160.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

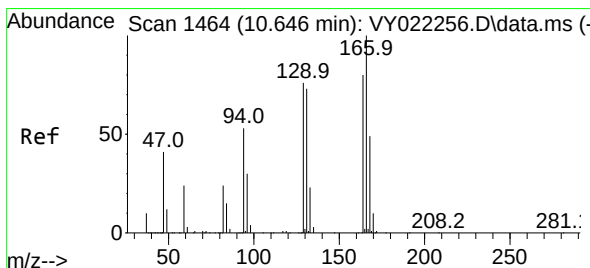
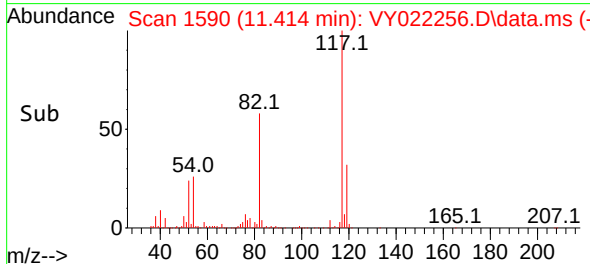
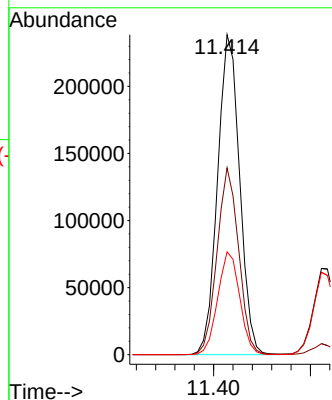
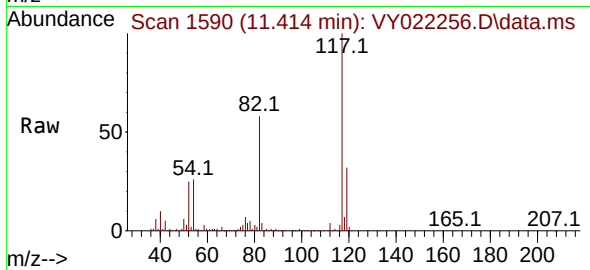
Tgt Ion:117 Resp: 377571

Ion Ratio Lower Upper

117 100

82 58.3 46.6 70.0

119 32.2 25.8 38.6



#64

Tetrachloroethene

Concen: 51.249 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion:164 Resp: 178854

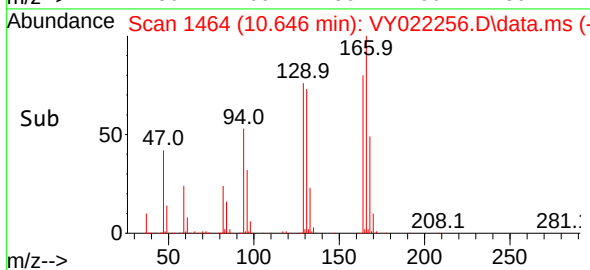
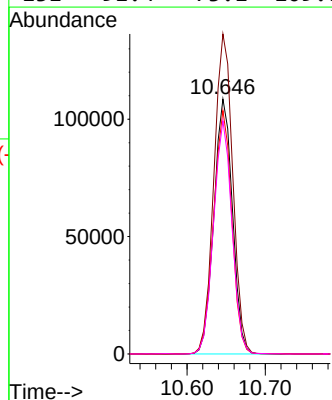
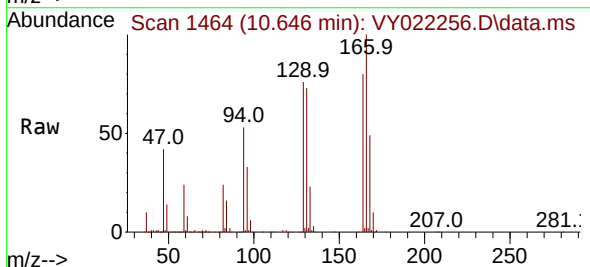
Ion Ratio Lower Upper

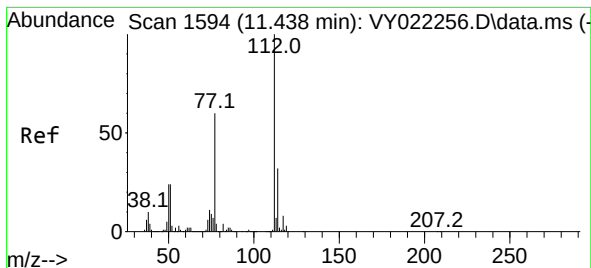
164 100

166 125.5 100.4 150.6

129 95.5 76.4 114.6

131 91.4 73.1 109.7





#65

Chlorobenzene

Concen: 51.169 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

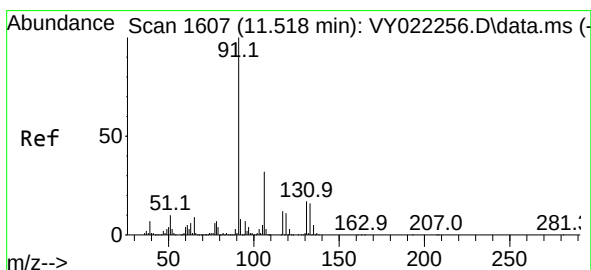
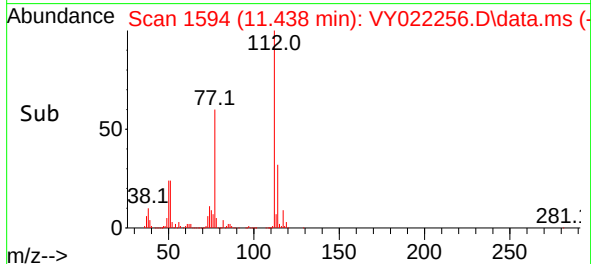
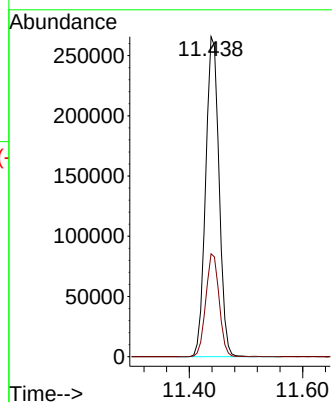
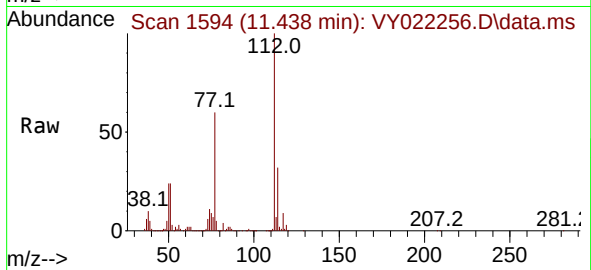
VSTDICCC050

Tgt Ion:112 Resp: 435874

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 50.811 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

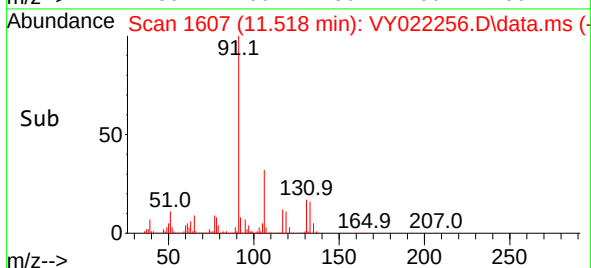
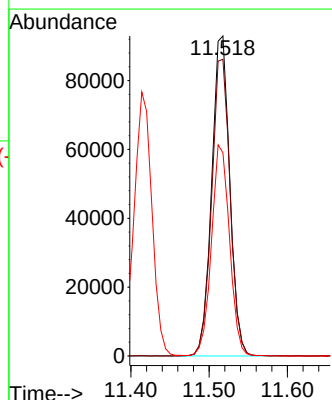
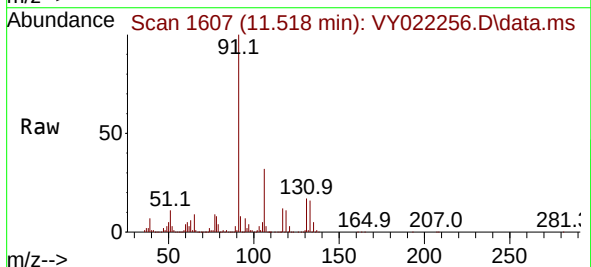
Tgt Ion:131 Resp: 148798

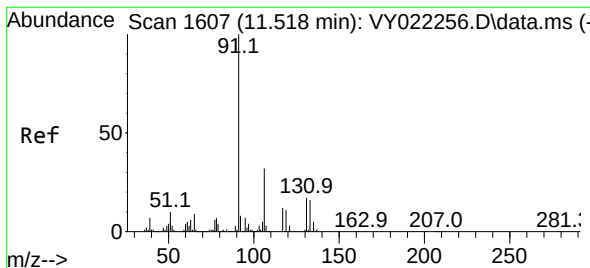
Ion Ratio Lower Upper

131 100

133 94.6 47.3 141.9

119 66.1 33.1 99.2





#67

Ethyl Benzene

Concen: 51.473 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

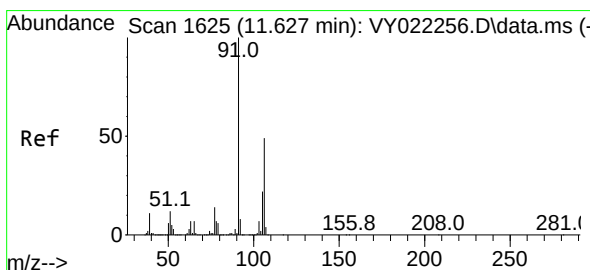
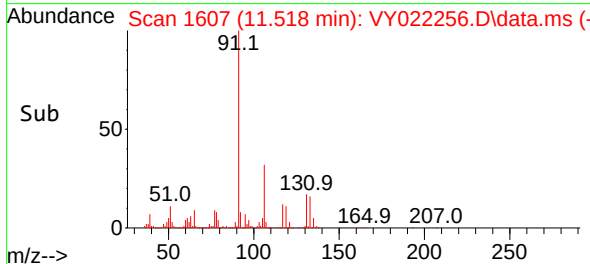
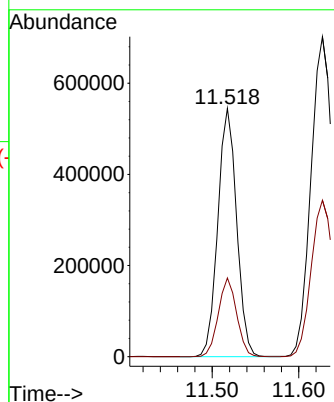
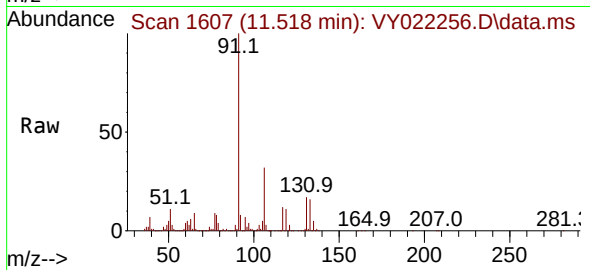
VSTDICCC050

Tgt Ion: 91 Resp: 821168

Ion Ratio Lower Upper

91 100

106 31.7 25.4 38.0



#68

m/p-Xylenes

Concen: 102.746 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022256.D

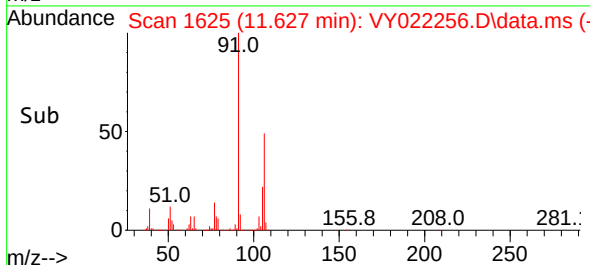
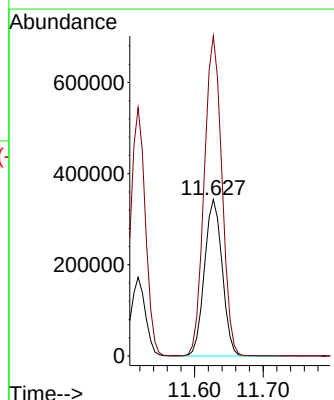
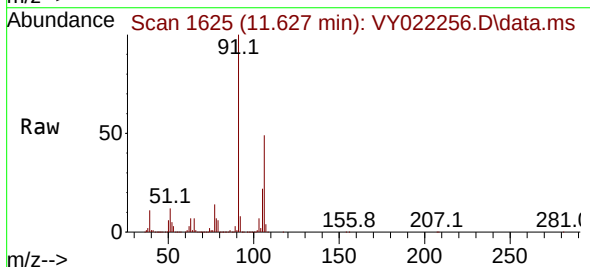
Acq: 15 May 2025 11:02

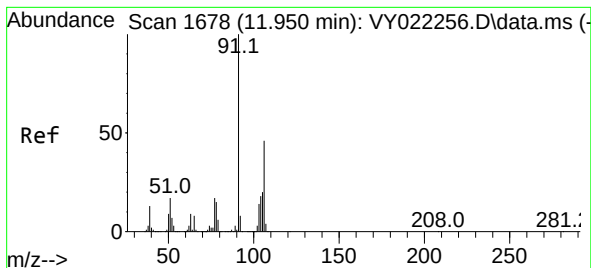
Tgt Ion:106 Resp: 617646

Ion Ratio Lower Upper

106 100

91 203.7 163.0 244.4

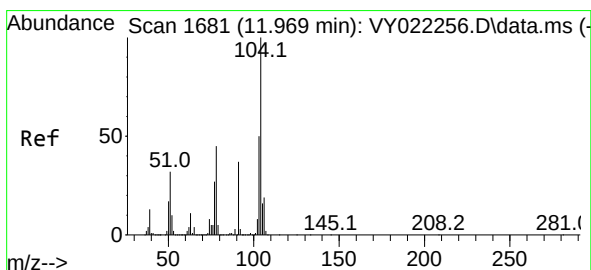
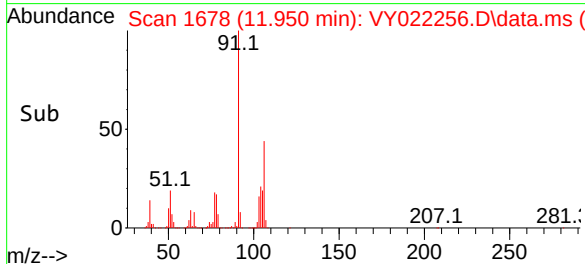
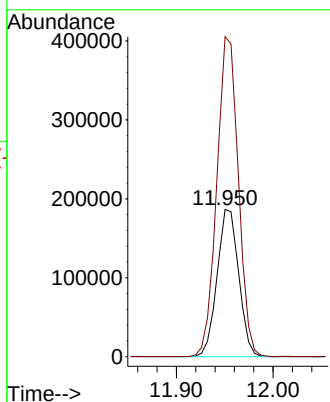
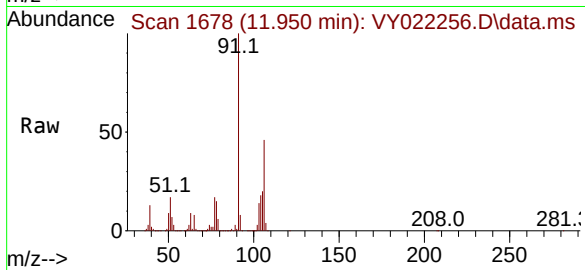




#69
o-Xylene
Concen: 50.971 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

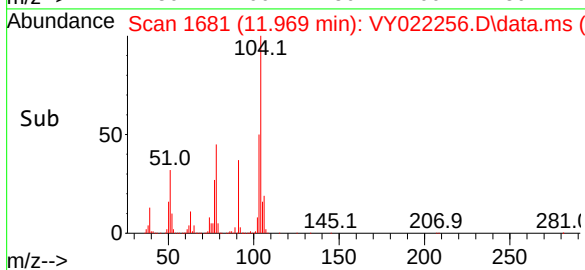
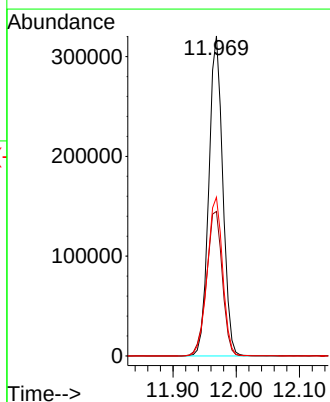
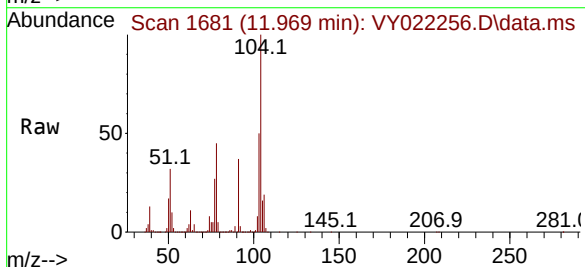
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

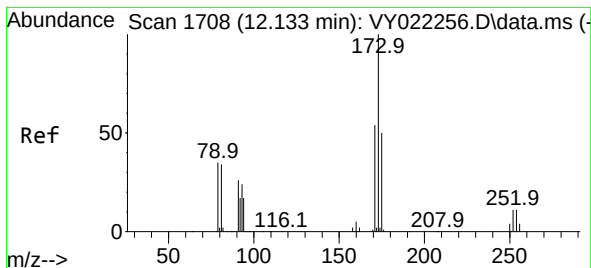
Tgt Ion:106 Resp: 289897
Ion Ratio Lower Upper
106 100
91 216.5 108.3 324.8



#70
Styrene
Concen: 51.260 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion:104 Resp: 491792
Ion Ratio Lower Upper
104 100
78 51.1 40.9 61.3
103 54.6 43.7 65.5





#71

Bromoform

Concen: 49.849 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

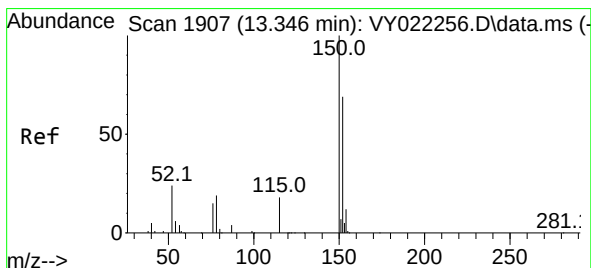
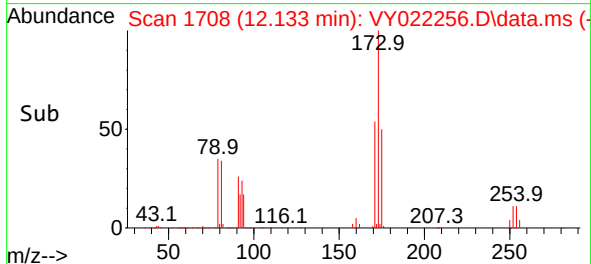
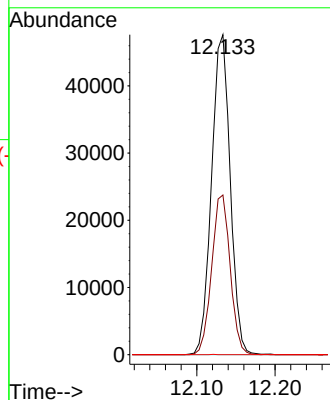
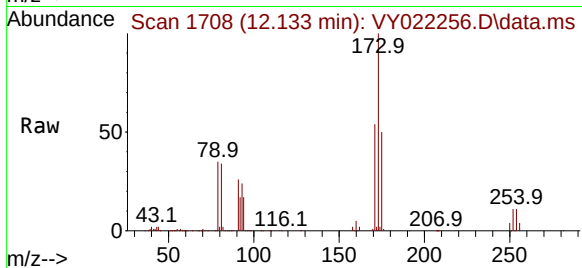
Tgt Ion:173 Resp: 78794

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

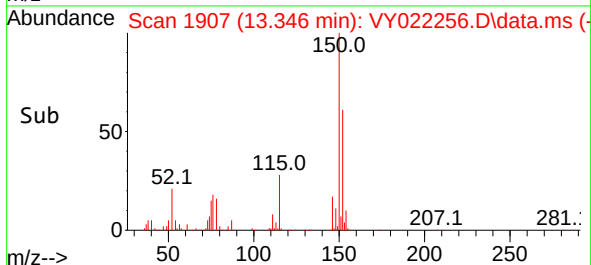
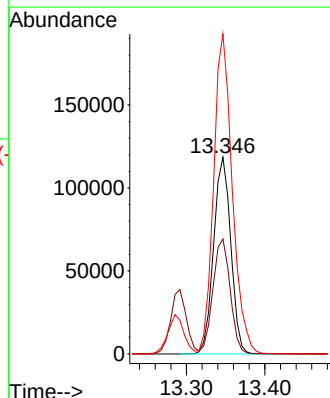
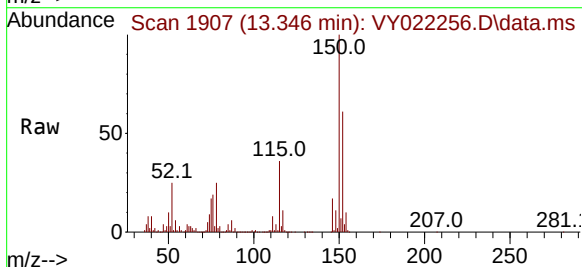
Tgt Ion:152 Resp: 180358

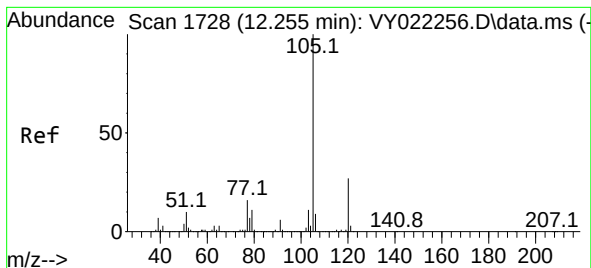
Ion Ratio Lower Upper

152 100

115 58.8 29.4 88.2

150 176.9 0.0 353.8





#73

Isopropylbenzene

Concen: 50.657 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

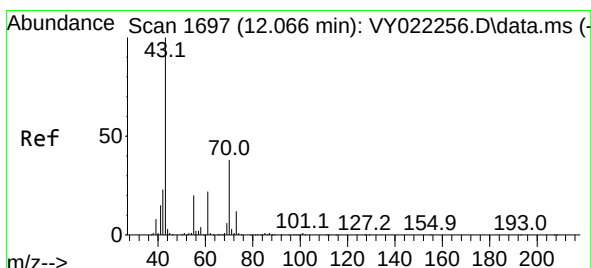
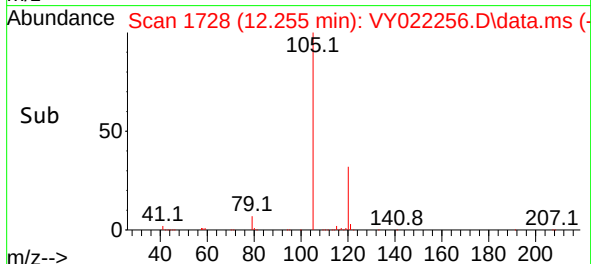
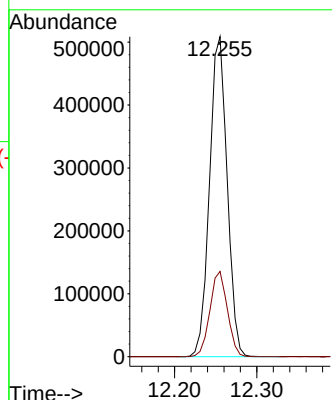
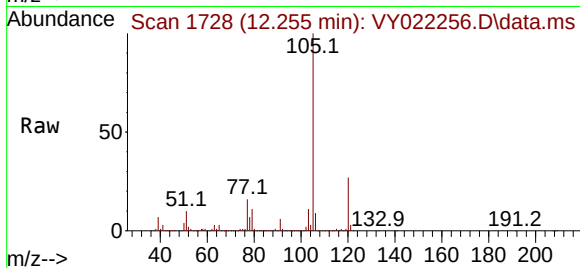
VSTDICCC050

Tgt Ion:105 Resp: 756905

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.6



#74

N-ethyl acetate

Concen: 48.930 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion: 43 Resp: 209097

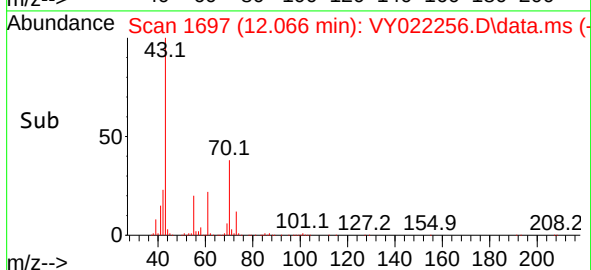
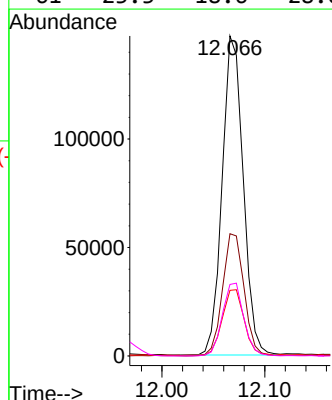
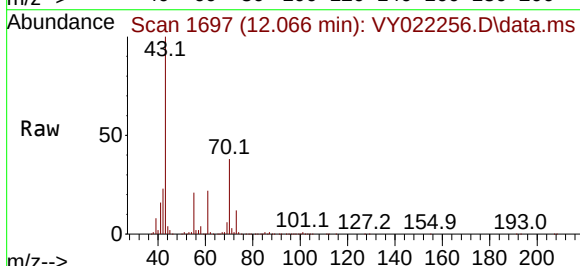
Ion Ratio Lower Upper

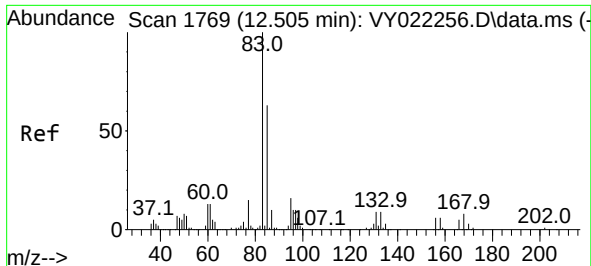
43 100

70 39.2 31.4 47.0

55 21.3 17.0 25.6

61 23.3 18.6 28.0

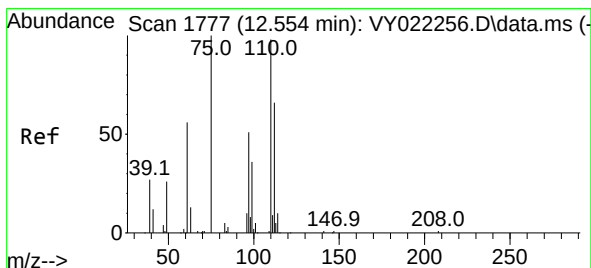
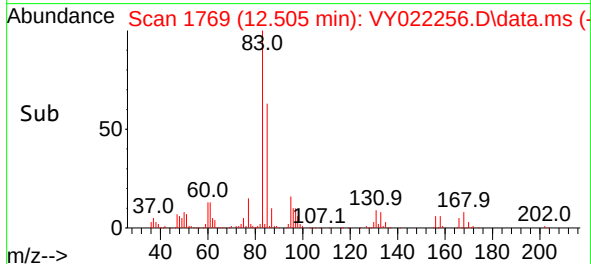
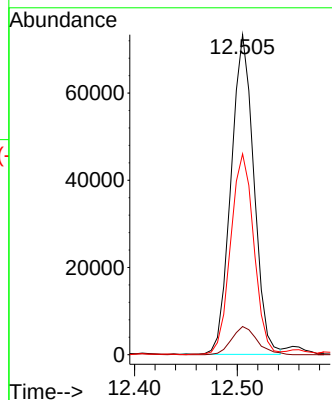
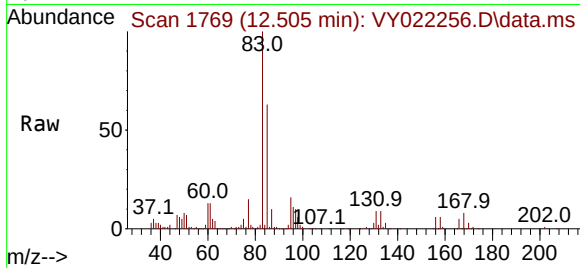




#75
 1,1,2-Tetrachloroethane
 Concen: 49.277 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

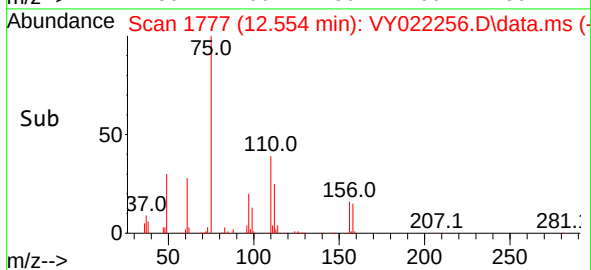
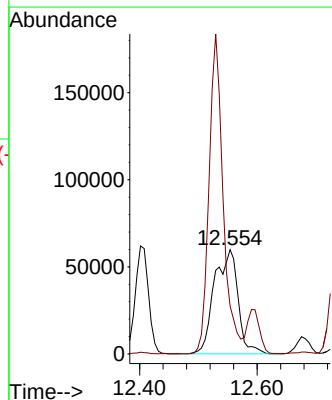
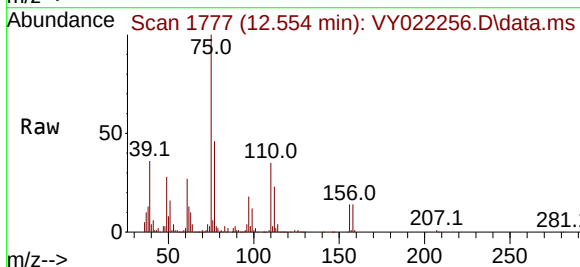
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

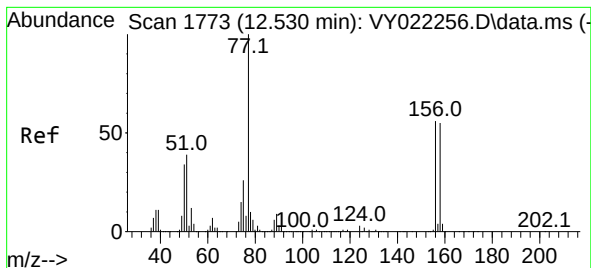
Tgt Ion: 83 Resp: 113234
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.9 14.7
 85 64.0 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 52.556 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion: 75 Resp: 167060
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.599 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

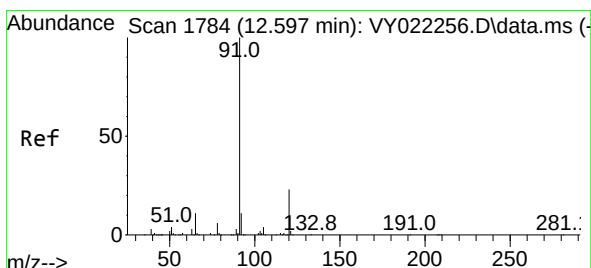
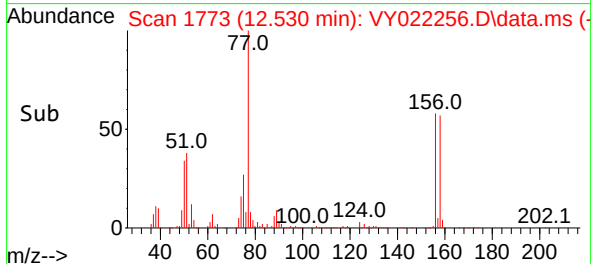
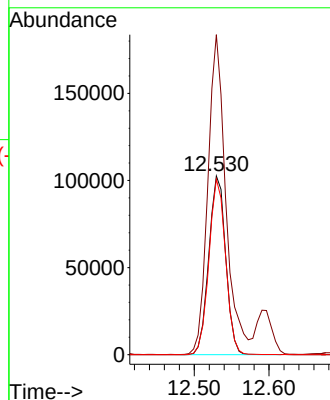
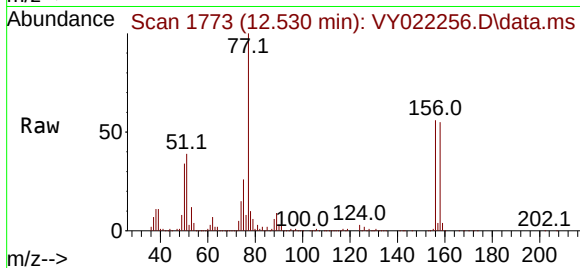
Tgt Ion:156 Resp: 161475

Ion Ratio Lower Upper

156 100

77 189.1 94.5 283.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 51.306 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022256.D

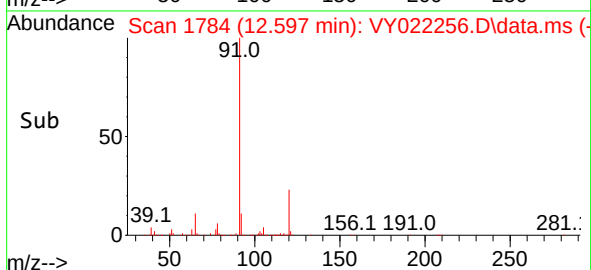
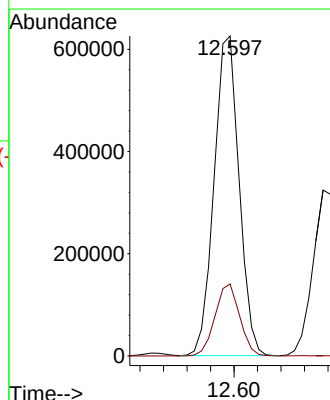
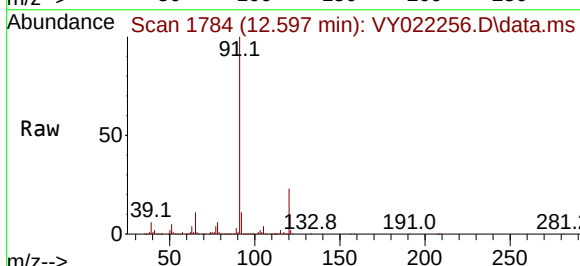
Acq: 15 May 2025 11:02

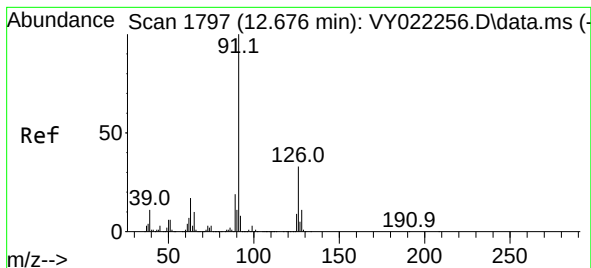
Tgt Ion: 91 Resp: 924664

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 51.058 ug/l

RT: 12.676 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

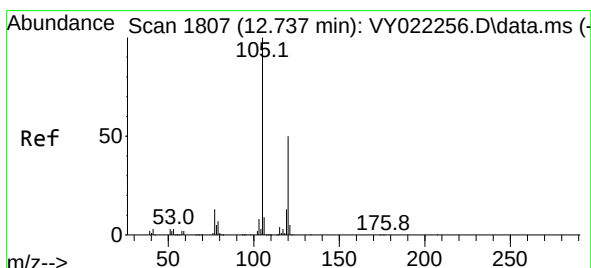
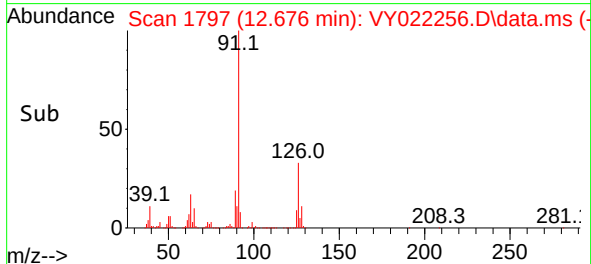
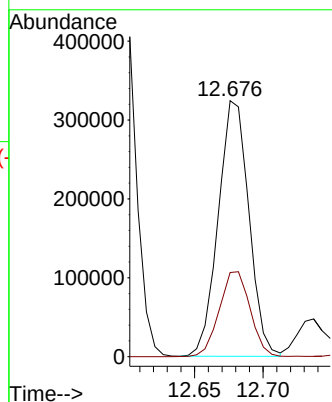
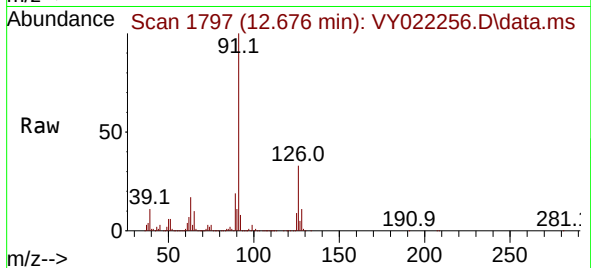
VSTDICCC050

Tgt Ion: 91 Resp: 505684

Ion Ratio Lower Upper

91 100

126 33.6 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 50.991 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022256.D

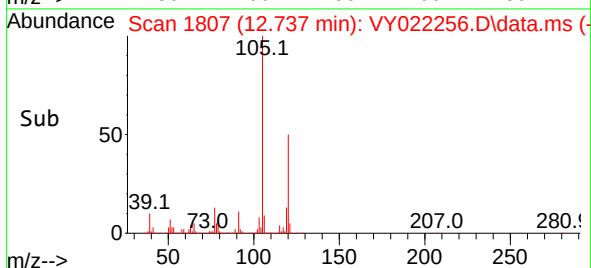
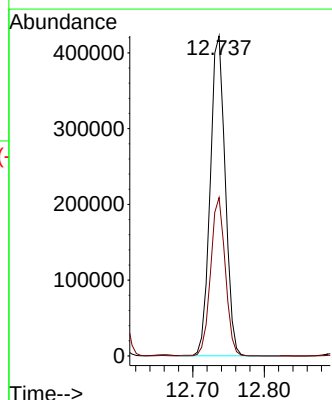
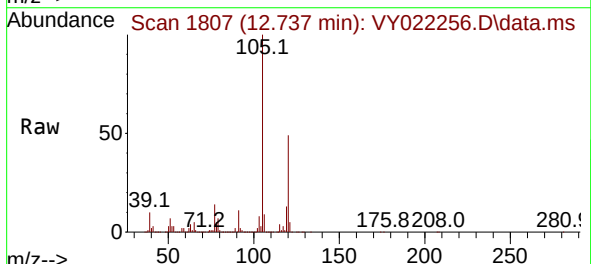
Acq: 15 May 2025 11:02

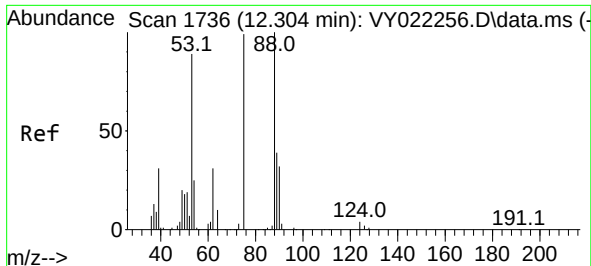
Tgt Ion: 105 Resp: 615033

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6

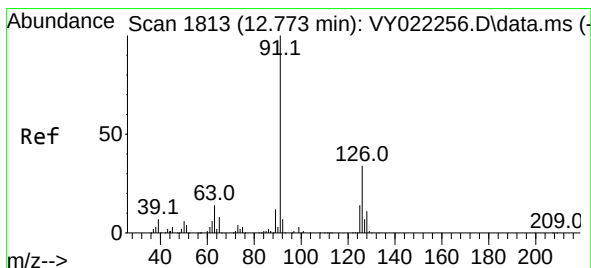
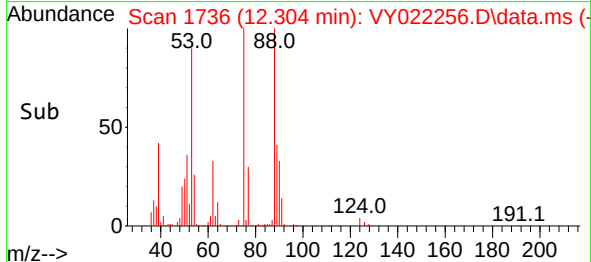
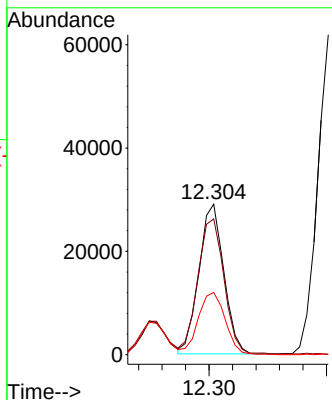
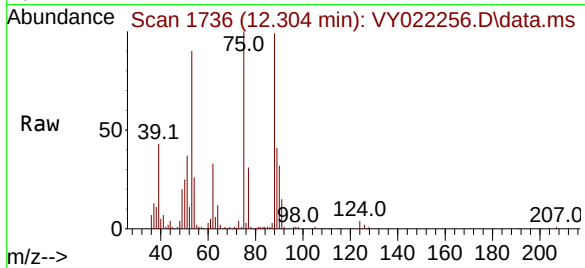




#81
trans-1,4-Dichloro-2-butene
Concen: 47.331 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

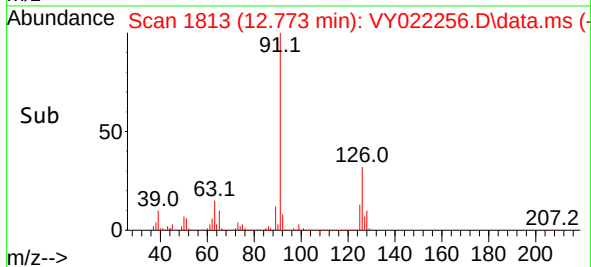
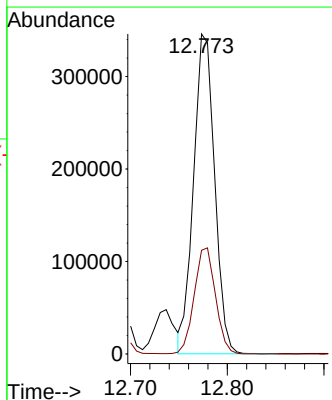
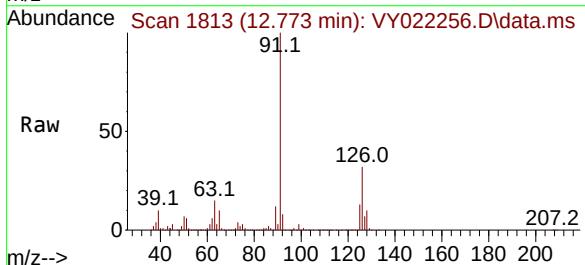
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICCC050

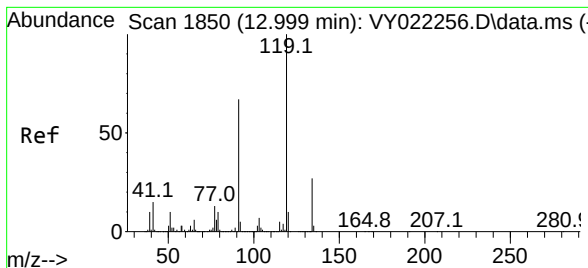
Tgt Ion: 75 Resp: 42692
Ion Ratio Lower Upper
75 100
53 94.8 75.8 113.8
89 45.2 36.2 54.2



#82
4-Chlorotoluene
Concen: 51.464 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VY022256.D
Acq: 15 May 2025 11:02

Tgt Ion: 91 Resp: 524270
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4

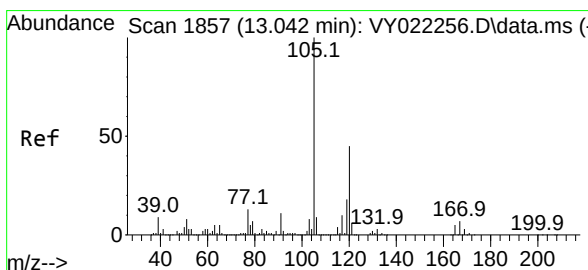
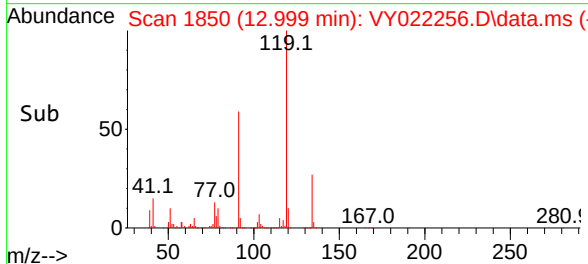
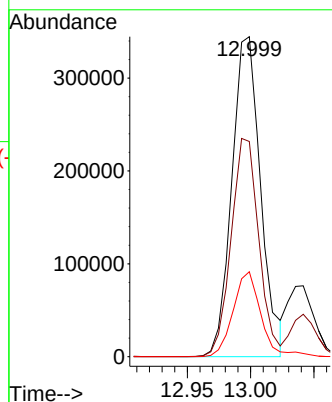
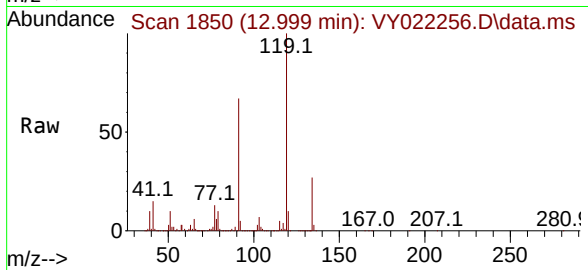




#83
 tert-Butylbenzene
 Concen: 50.952 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

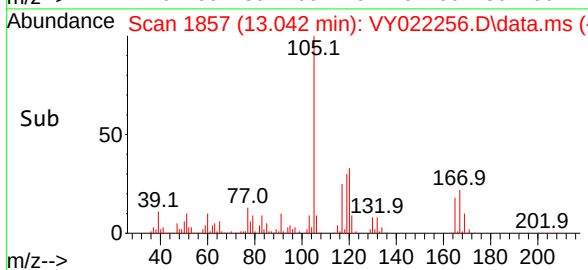
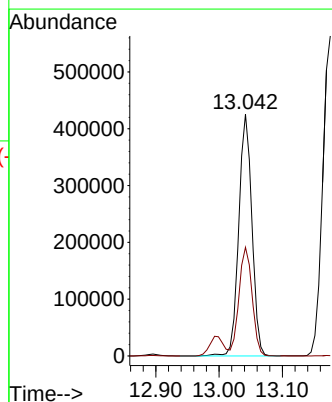
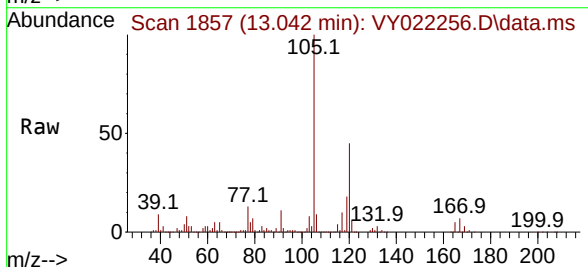
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

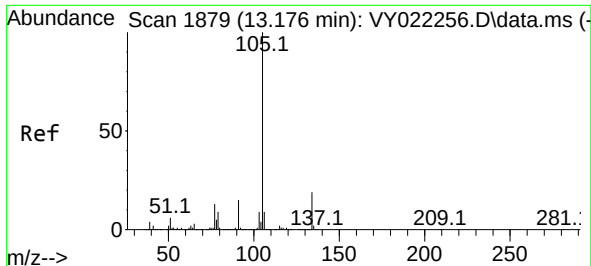
Tgt Ion:119 Resp: 546231
 Ion Ratio Lower Upper
 119 100
 91 65.5 32.8 98.3
 134 25.7 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 51.410 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion:105 Resp: 615550
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.3 66.9

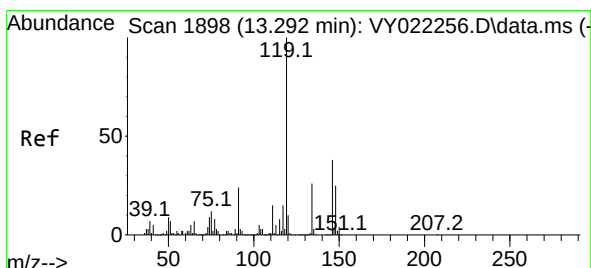
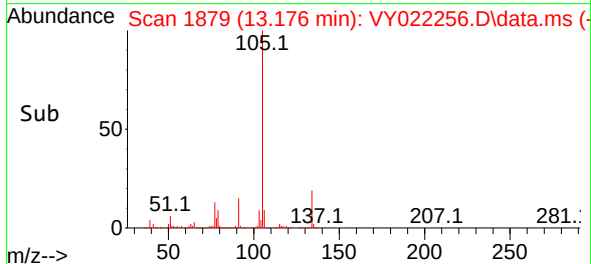
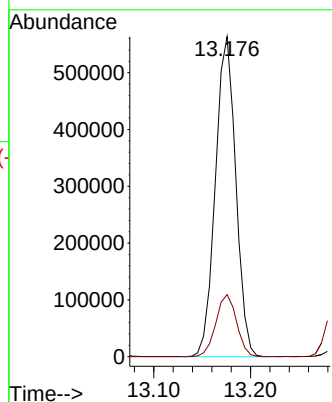
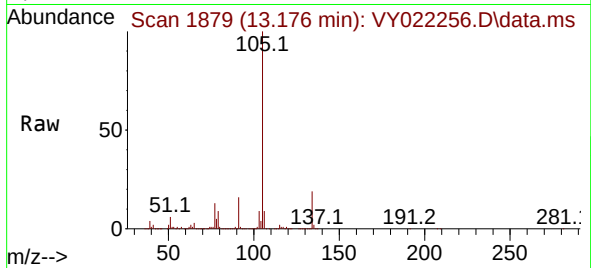




#85
 sec-Butylbenzene
 Concen: 51.825 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

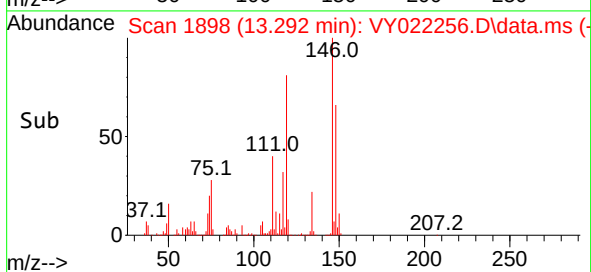
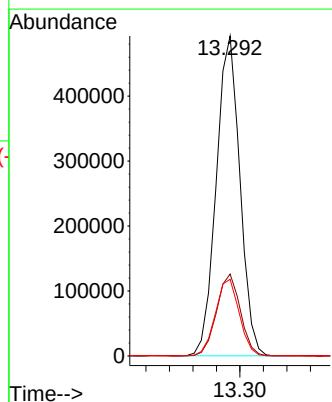
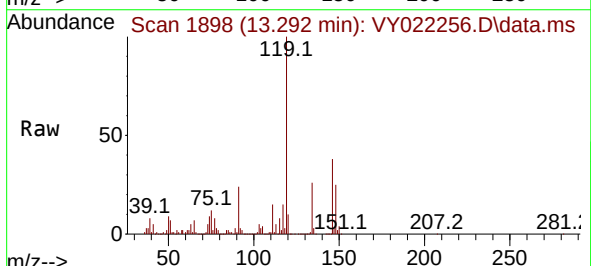
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

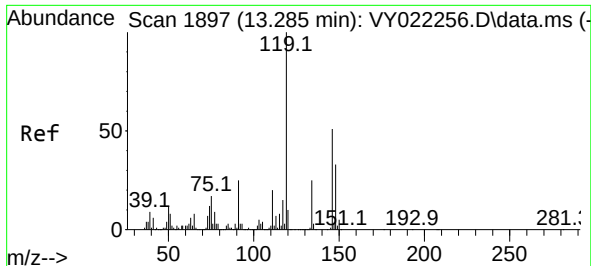
Tgt Ion:105 Resp: 824725
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 51.446 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022256.D
 Acq: 15 May 2025 11:02

Tgt Ion:119 Resp: 688561
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 24.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.890 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

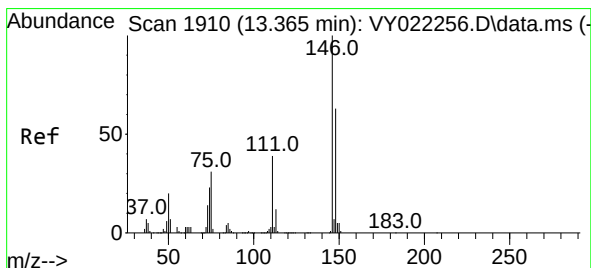
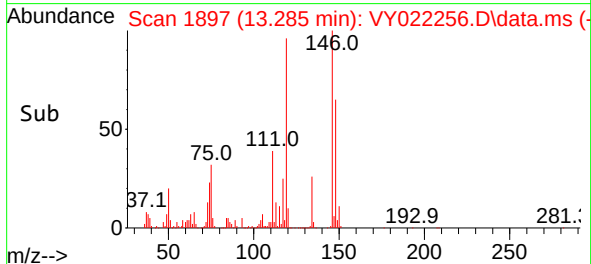
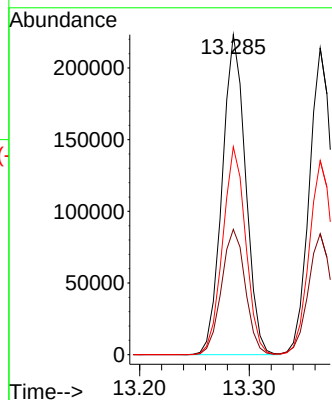
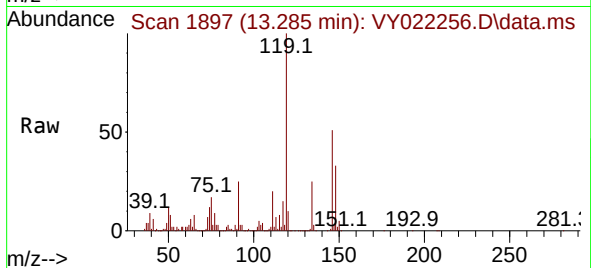
Tgt Ion:146 Resp: 331536

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.363 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

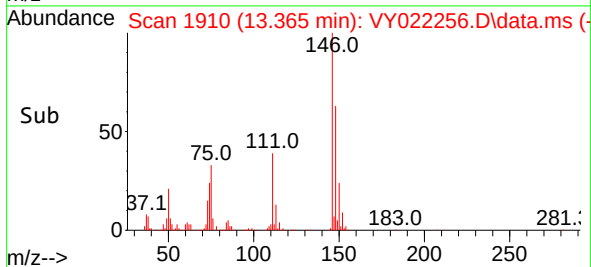
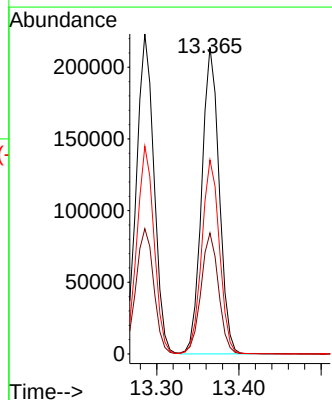
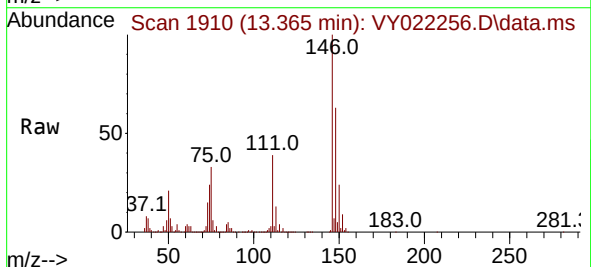
Tgt Ion:146 Resp: 315598

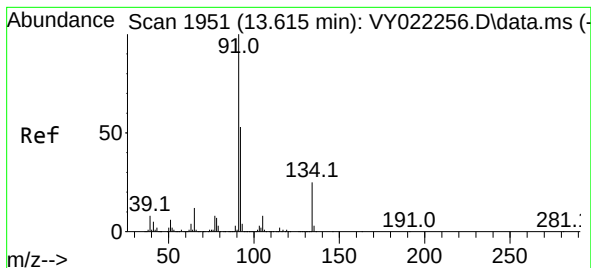
Ion Ratio Lower Upper

146 100

111 39.9 20.0 59.9

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 52.245 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

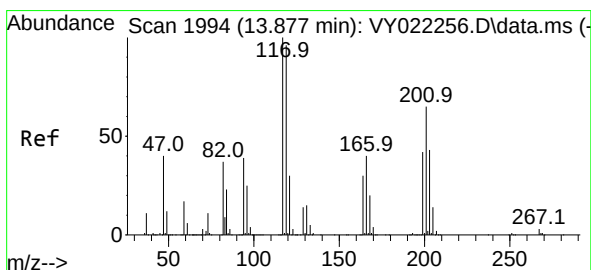
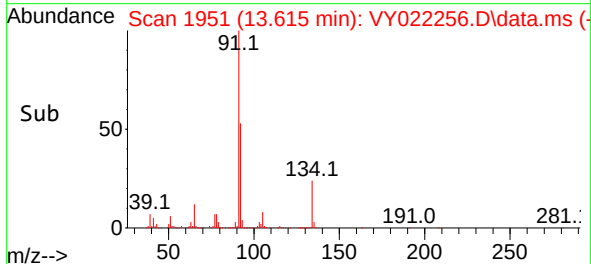
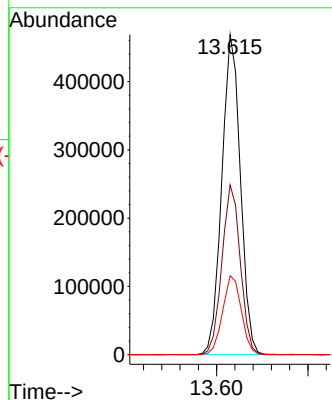
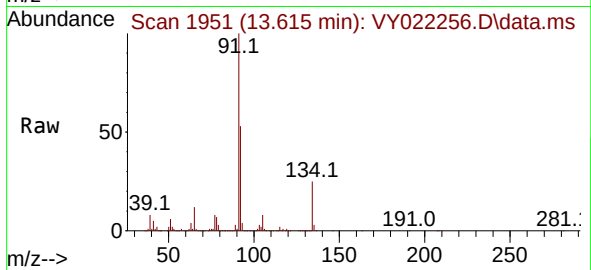
Tgt Ion: 91 Resp: 661532

Ion Ratio Lower Upper

91 100

92 52.6 26.3 78.9

134 24.9 12.4 37.4



#90

Hexachloroethane

Concen: 50.791 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY022256.D

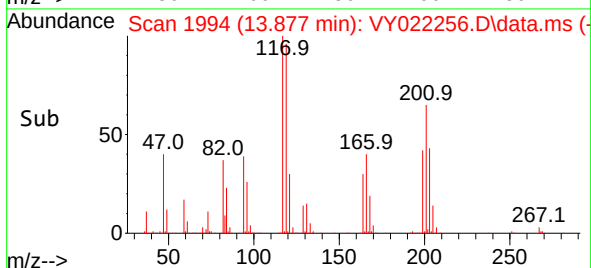
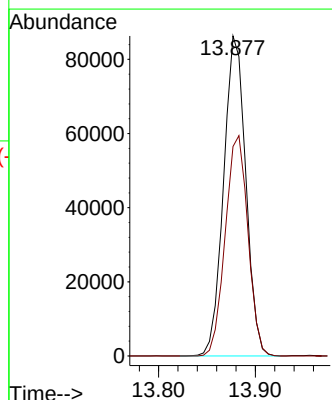
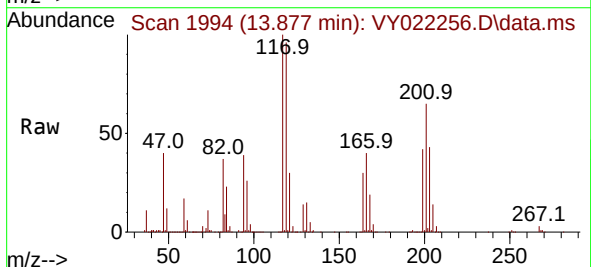
Acq: 15 May 2025 11:02

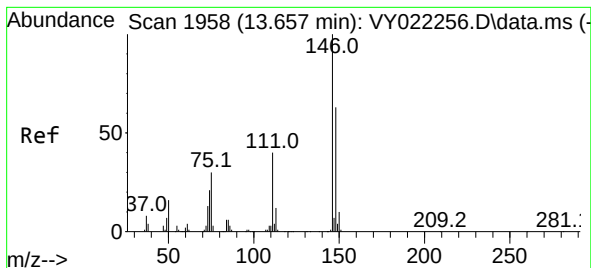
Tgt Ion: 117 Resp: 137225

Ion Ratio Lower Upper

117 100

201 70.4 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 50.558 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

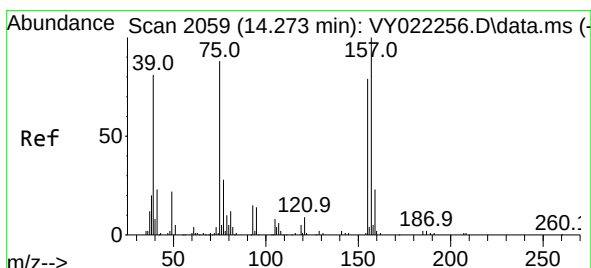
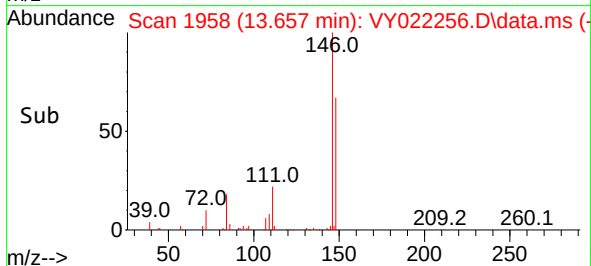
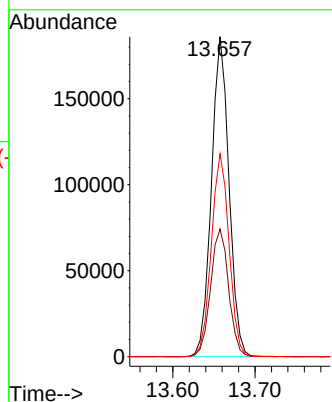
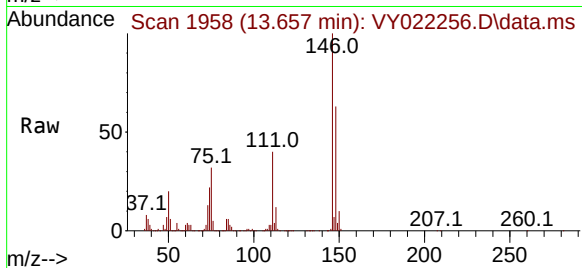
Tgt Ion:146 Resp: 276666

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.5

148 64.0 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.682 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

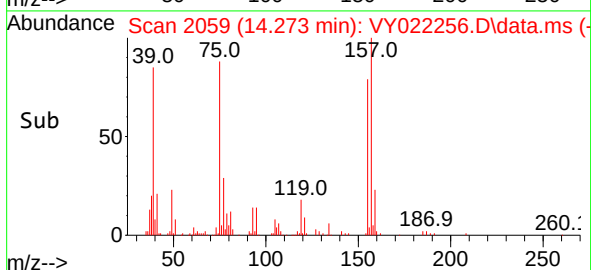
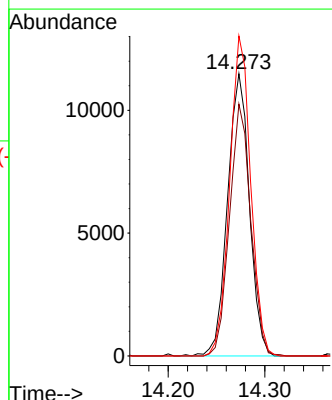
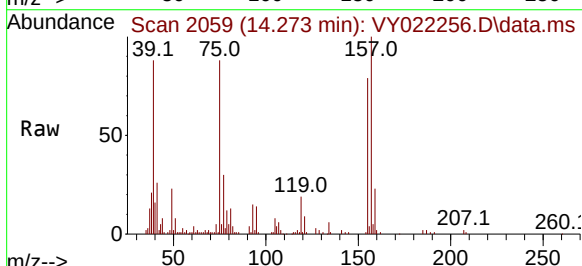
Tgt Ion: 75 Resp: 18039

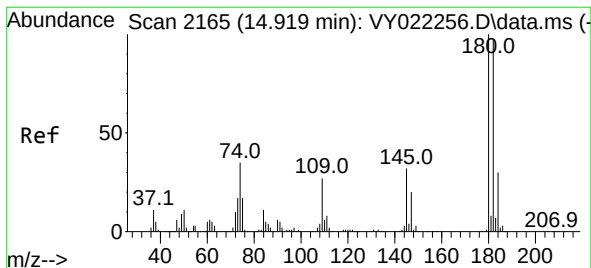
Ion Ratio Lower Upper

75 100

155 86.7 43.4 130.1

157 109.3 54.6 163.9





#93

1,2,4-Trichlorobenzene

Concen: 51.338 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

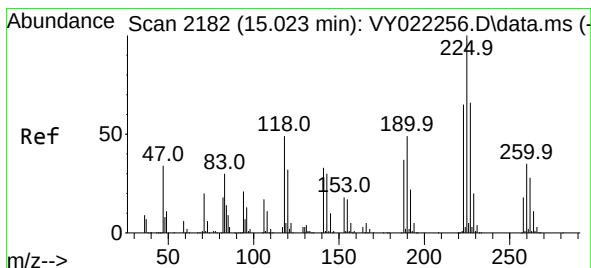
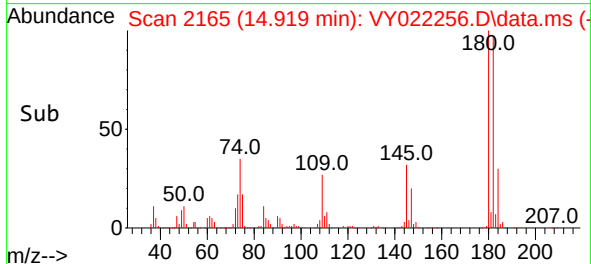
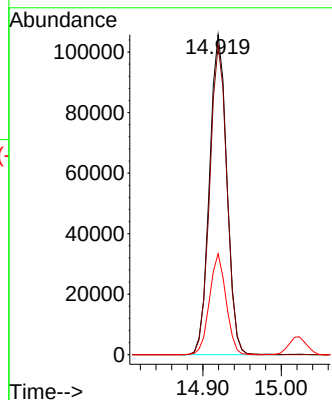
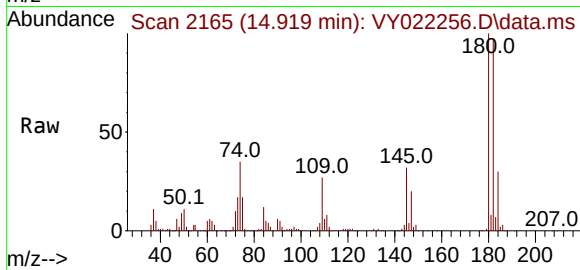
Tgt Ion:180 Resp: 162275

Ion Ratio Lower Upper

180 100

182 96.0 48.0 144.0

145 30.1 15.0 45.1



#94

Hexachlorobutadiene

Concen: 51.313 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

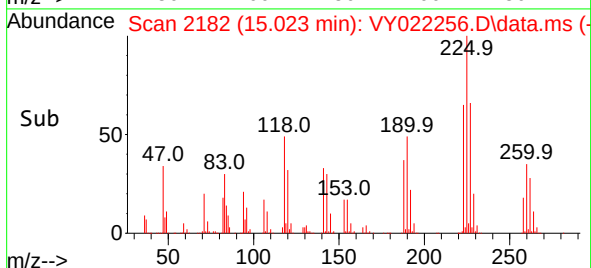
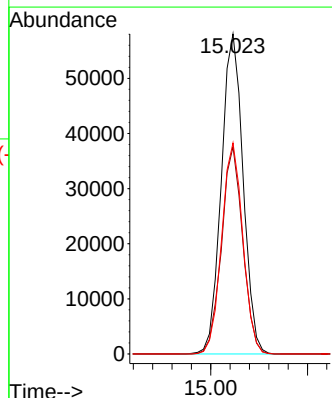
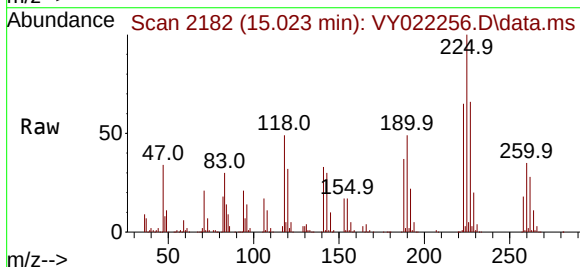
Tgt Ion:225 Resp: 90452

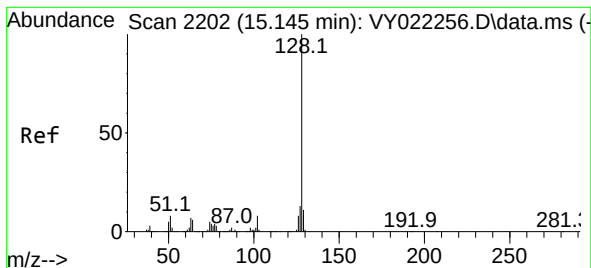
Ion Ratio Lower Upper

225 100

223 63.0 31.5 94.5

227 64.2 32.1 96.3





#95

Naphthalene

Concen: 49.692 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICCC050

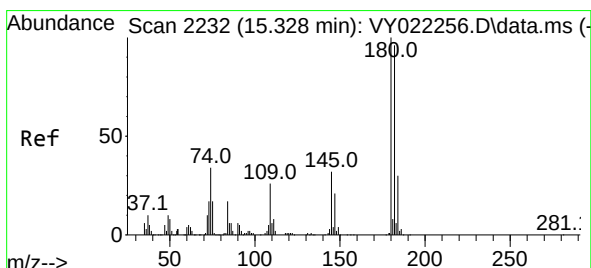
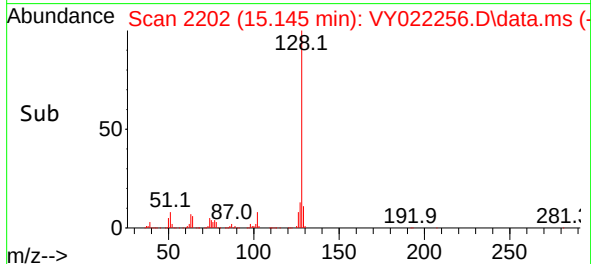
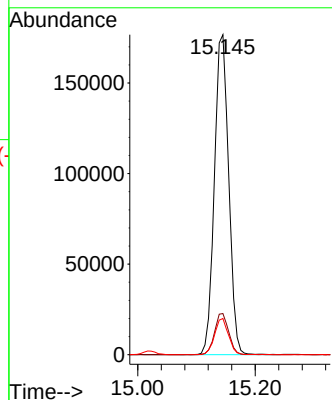
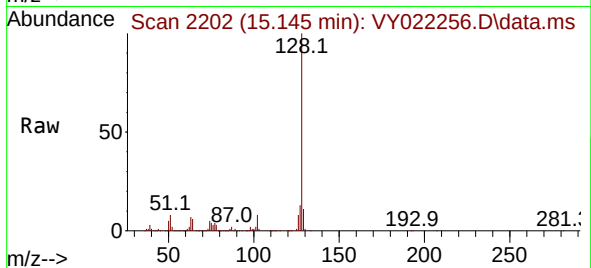
Tgt Ion:128 Resp: 298075

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 50.596 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022256.D

Acq: 15 May 2025 11:02

Tgt Ion:180 Resp: 135673

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 31.7 15.9 47.6

