

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102524\
 Data File : VY020027.D
 Acq On : 25 Oct 2024 15:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 26 00:23:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	193229	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	356271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	316290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	158937	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	142936	60.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.160%	
35) Dibromofluoromethane	7.634	113	134978	57.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.820%	
50) Toluene-d8	10.109	98	491222	56.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.160%	
62) 4-Bromofluorobenzene	12.408	95	179533	57.230	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 114.460%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	74748	41.554	ug/l	96
3) Chloromethane	2.074	50	123224	52.633	ug/l	99
4) Vinyl Chloride	2.208	62	137345	53.311	ug/l	99
5) Bromomethane	2.598	94	94158	57.741	ug/l	99
6) Chloroethane	2.739	64	102445	59.191	ug/l	100
7) Trichlorofluoromethane	3.062	101	201491	52.560	ug/l	98
8) Diethyl Ether	3.458	74	63115	54.172	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.818	101	119334	53.517	ug/l	91
10) Methyl Iodide	4.007	142	111054	49.243	ug/l #	89
11) Tert butyl alcohol	4.879	59	44348	228.569	ug/l #	95
12) 1,1-Dichloroethene	3.793	96	104754	50.533	ug/l #	77
13) Acrolein	3.659	56	22755	130.159	ug/l	98
14) Allyl chloride	4.391	41	211698	56.600	ug/l #	90
15) Acrylonitrile	5.061	53	162521	304.973	ug/l	99
16) Acetone	3.879	43	155724	251.432	ug/l #	84
17) Carbon Disulfide	4.116	76	238343	42.896	ug/l	100
18) Methyl Acetate	4.391	43	85619	64.173	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	348034	58.440	ug/l	99
20) Methylene Chloride	4.616	84	132207	57.899	ug/l #	78
21) trans-1,2-Dichloroethene	5.116	96	122727	54.397	ug/l #	84
22) Diisopropyl ether	6.025	45	524880	64.426	ug/l	92
23) Vinyl Acetate	5.964	43	1400223	299.802	ug/l #	88
24) 1,1-Dichloroethane	5.921	63	278810	61.565	ug/l	95
25) 2-Butanone	6.896	43	231282	278.983	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	213658	52.975	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	165291	59.283	ug/l	83
28) Bromochloromethane	7.250	49	117443	58.919	ug/l #	69
29) Tetrahydrofuran	7.262	42	138712	293.043	ug/l #	82
30) Chloroform	7.427	83	292543	63.369	ug/l	99
31) Cyclohexane	7.707	56	200734	50.494	ug/l	88
32) 1,1,1-Trichloroethane	7.622	97	235405	58.186	ug/l #	93
36) 1,1-Dichloropropene	7.841	75	181419	53.563	ug/l	94
37) Ethyl Acetate	6.994	43	97298	55.091	ug/l	94
38) Carbon Tetrachloride	7.817	117	194945	53.689	ug/l	97
39) Methylcyclohexane	9.110	83	216054	50.626	ug/l #	88
40) Benzene	8.085	78	585922	57.160	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	65799	68.836	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	172678	58.637	ug/l	93
43) Isopropyl Acetate	8.201	43	200961	55.794	ug/l #	76
44) Trichloroethene	8.866	130	130952	52.746	ug/l	82
45) 1,2-Dichloropropane	9.146	63	153121	59.681	ug/l	97
46) Dibromomethane	9.231	93	80252	57.251	ug/l #	88
47) Bromodichloromethane	9.427	83	223174	59.981	ug/l	97
48) Methyl methacrylate	9.225	41	91790	57.935	ug/l #	81
49) 1,4-Dioxane	9.238	88	17367	1106.956	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	544845	296.567	ug/l	88
52) Toluene	10.170	92	377065	58.931	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	191826	57.300	ug/l	94
54) cis-1,3-Dichloropropene	9.859	75	226797	57.414	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	110762	59.974	ug/l	97
56) Ethyl methacrylate	10.439	69	156946	59.224	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	190363	58.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	334823	271.404	ug/l	92
59) 2-Hexanone	10.762	43	366997	279.688	ug/l	86
60) Dibromochloromethane	10.914	129	139059	58.663	ug/l	99
61) 1,2-Dibromoethane	11.018	107	94449	56.594	ug/l	100
64) Tetrachloroethene	10.646	164	115529	51.352	ug/l	92
65) Chlorobenzene	11.444	112	404203	55.873	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	138285	56.498	ug/l	100
67) Ethyl Benzene	11.518	91	753020	57.301	ug/l	96
68) m/p-Xylenes	11.627	106	540040	111.270	ug/l	91
69) o-Xylene	11.957	106	264542	56.730	ug/l	91
70) Styrene	11.969	104	458296	58.252	ug/l	95
71) Bromoform	12.133	173	72530	55.354	ug/l #	98
73) Isopropylbenzene	12.255	105	720249	53.876	ug/l	97
74) N-amyl acetate	12.072	43	187867	53.058	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	130419	54.903	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	163083	52.378	ug/l #	100
77) Bromobenzene	12.530	156	147167	51.876	ug/l	82
78) n-propylbenzene	12.597	91	896737	55.513	ug/l	96
79) 2-Chlorotoluene	12.682	91	503336	54.351	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	588959	54.551	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	39014	50.577	ug/l #	82
82) 4-Chlorotoluene	12.780	91	519584	54.871	ug/l	94
83) tert-Butylbenzene	12.999	119	533629	55.173	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	587056	54.844	ug/l	96
85) sec-Butylbenzene	13.176	105	811260	56.140	ug/l	98
86) p-Isopropyltoluene	13.292	119	641142	54.638	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	307901	53.744	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	295866	52.568	ug/l	97
89) n-Butylbenzene	13.621	91	652736	56.968	ug/l	98
90) Hexachloroethane	13.883	117	128118	56.071	ug/l	85
91) 1,2-Dichlorobenzene	13.664	146	273052	54.243	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	19844	52.344	ug/l	71
93) 1,2,4-Trichlorobenzene	14.926	180	148137	52.482	ug/l	96
94) Hexachlorobutadiene	15.023	225	81855	52.161	ug/l	99
95) Naphthalene	15.145	128	291893	54.829	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	125671	52.669	ug/l	97

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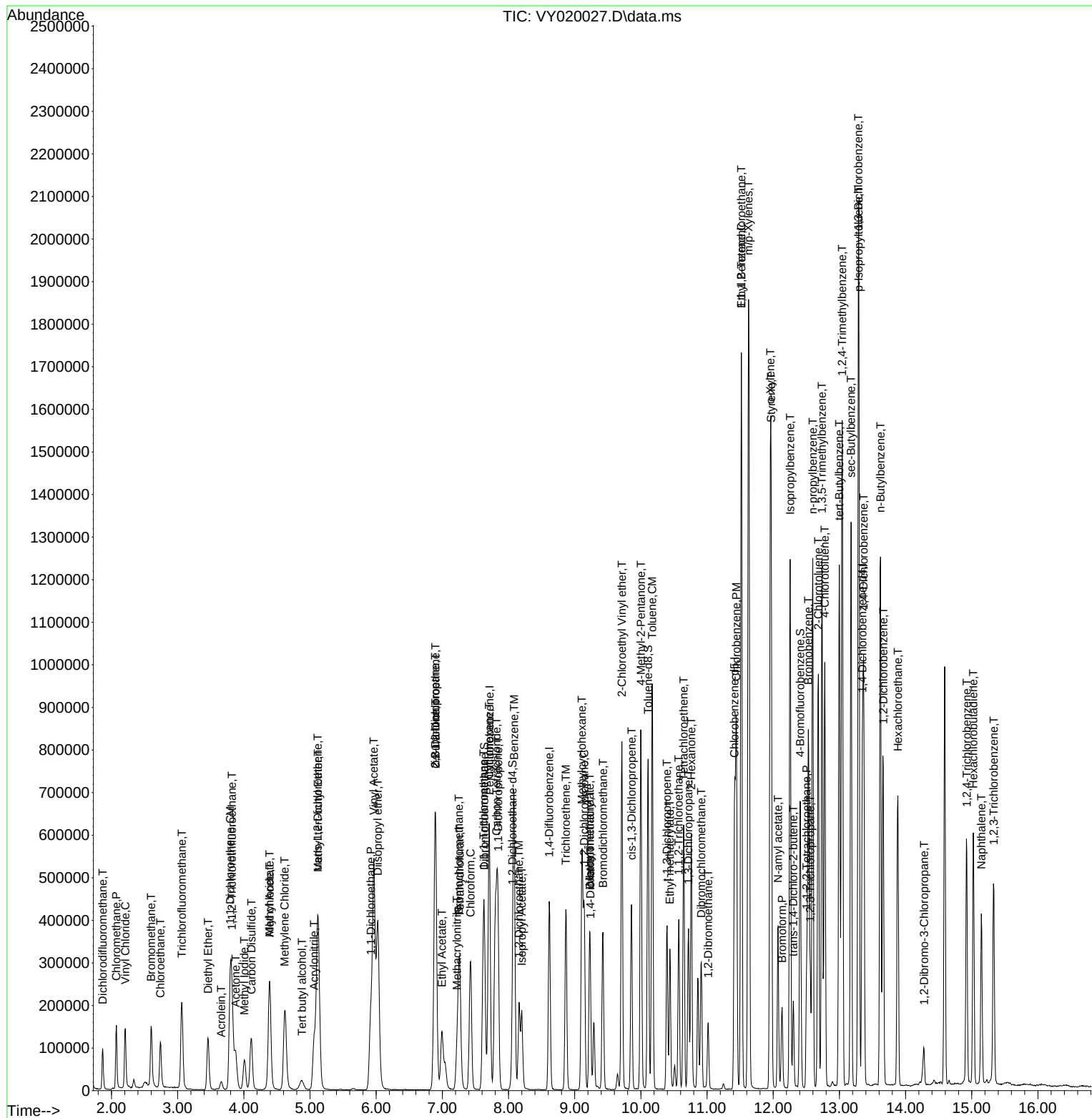
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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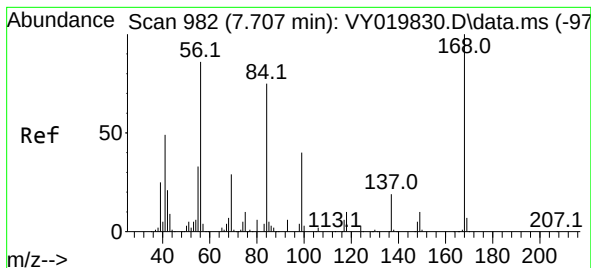
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 99

Delta R.T. 0.006 min

Lab File: VY020027.D

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Instrument :

MSVOA_Y

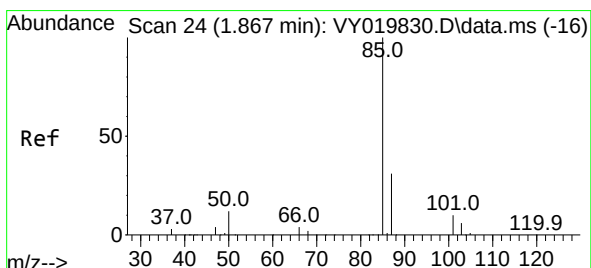
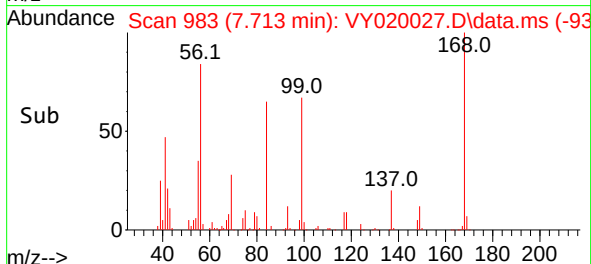
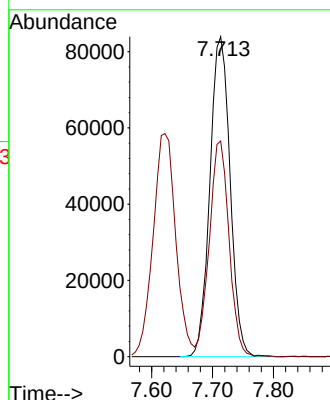
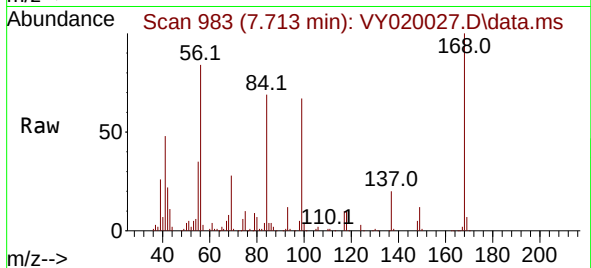
ClientSampleId :

Tgt Ion:168 Resp: 193229

Ion Ratio Lower Upper

168 100

99 67.4 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 41.554 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY020027.D

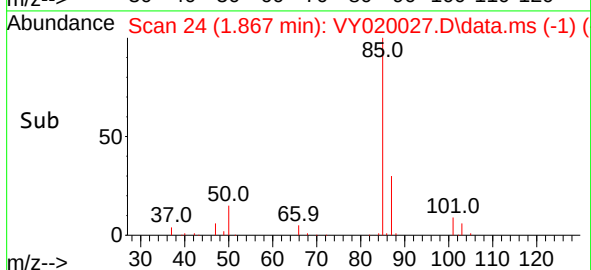
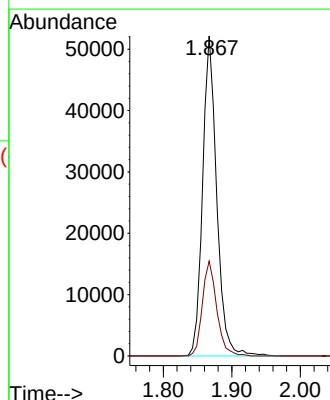
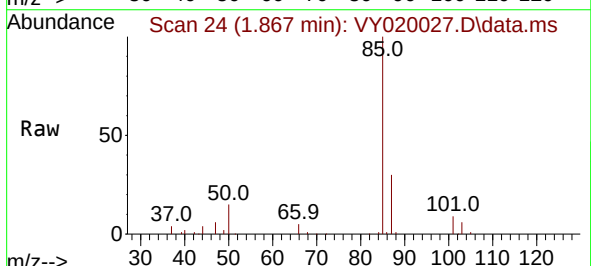
Acq: 25 Oct 2024 15:41

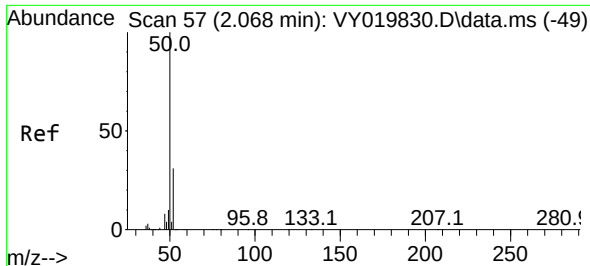
Tgt Ion: 85 Resp: 74748

Ion Ratio Lower Upper

85 100

87 29.6 16.0 48.0

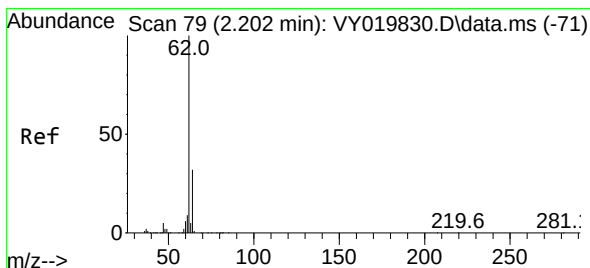
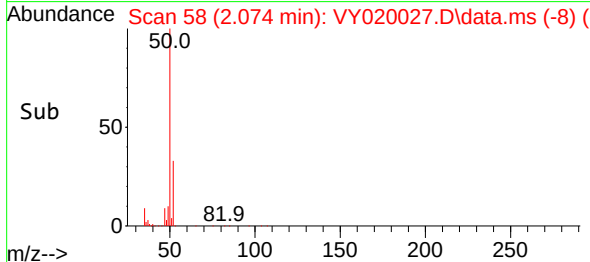
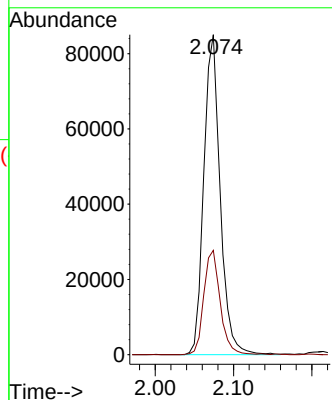
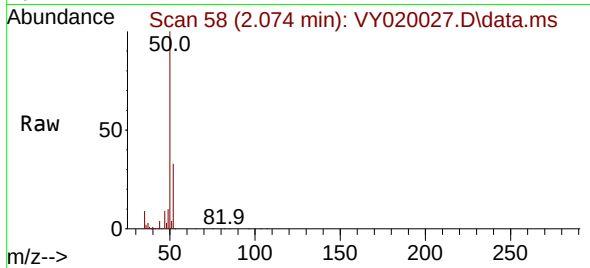




#3
Chloromethane
Concen: 52.633 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

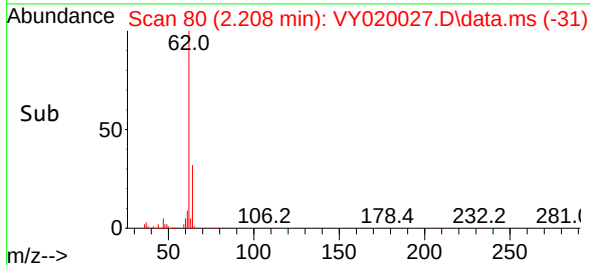
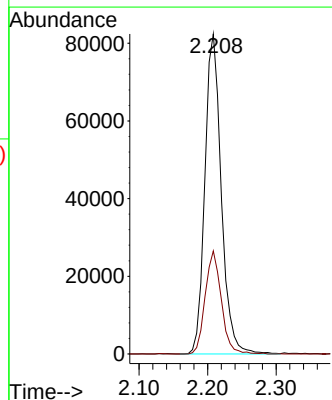
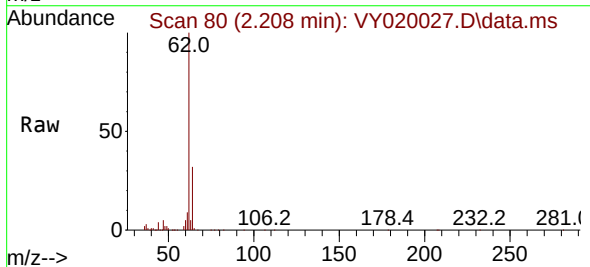
Instrument :
MSVOA_Y
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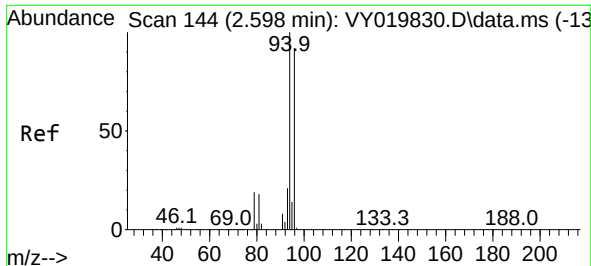
Tgt Ion: 50 Resp: 123224
Ion Ratio Lower Upper
50 100
52 32.6 25.6 38.4



#4
Vinyl Chloride
Concen: 53.311 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 62 Resp: 137345
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

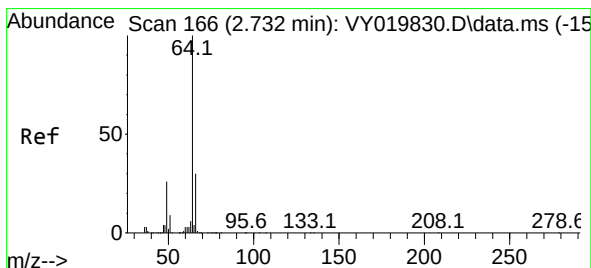
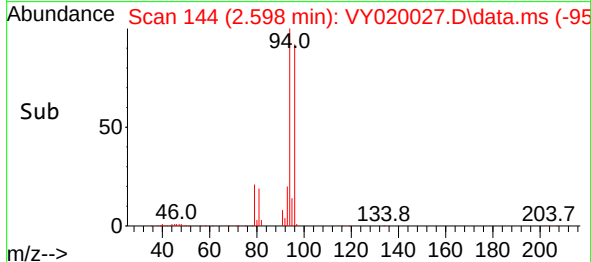
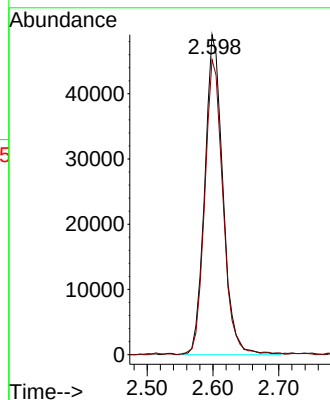
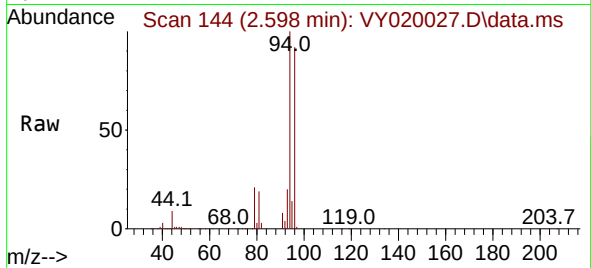




#5
Bromomethane
Concen: 57.741 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

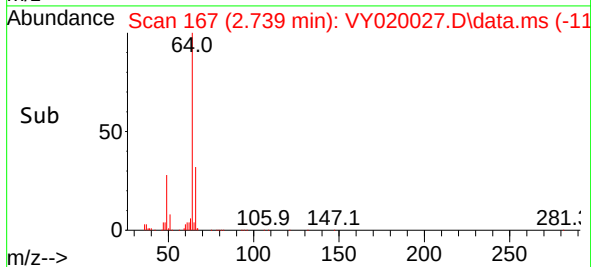
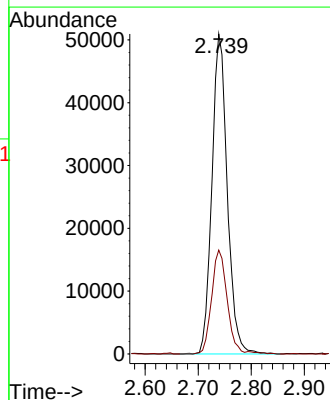
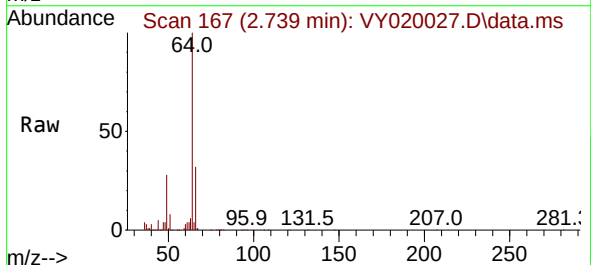
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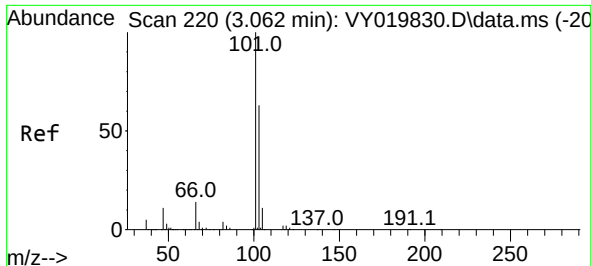
Tgt Ion: 94 Resp: 94158
Ion Ratio Lower Upper
94 100
96 92.0 74.1 111.1



#6
Chloroethane
Concen: 59.191 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 64 Resp: 102445
Ion Ratio Lower Upper
64 100
66 32.5 26.1 39.1

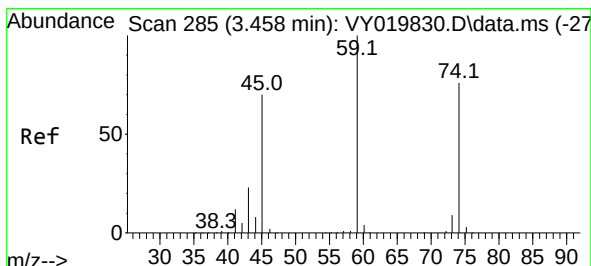
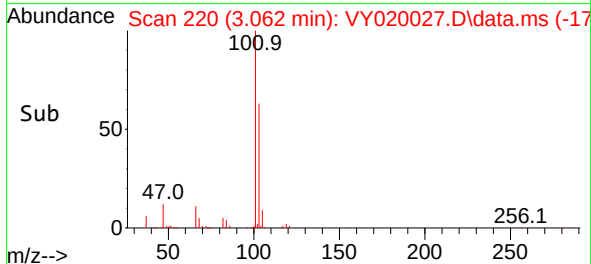
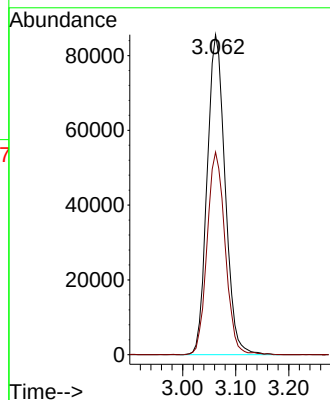
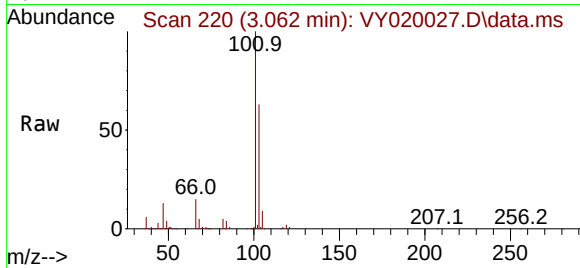




#7
 Trichlorofluoromethane
 Concen: 52.560 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020027.D
 Acq: 25 Oct 2024 15:41

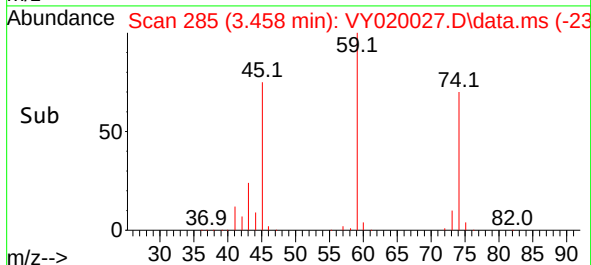
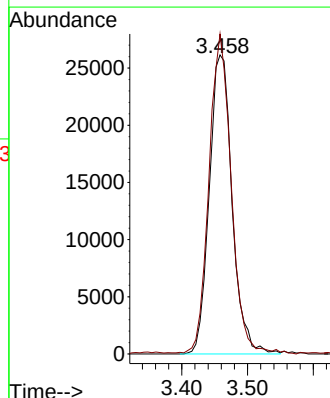
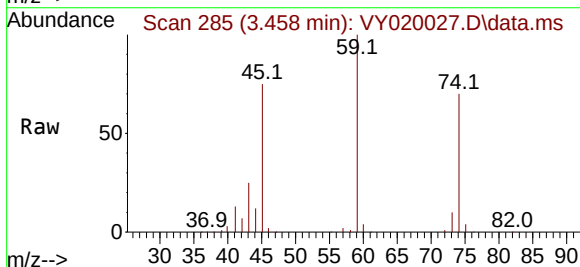
Instrument :
 MSVOA_Y
 ClientSampleId :

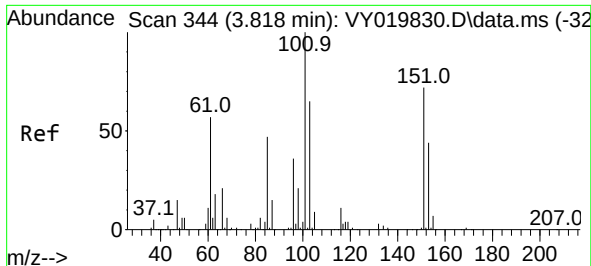
Tgt Ion:101 Resp: 201491
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 54.172 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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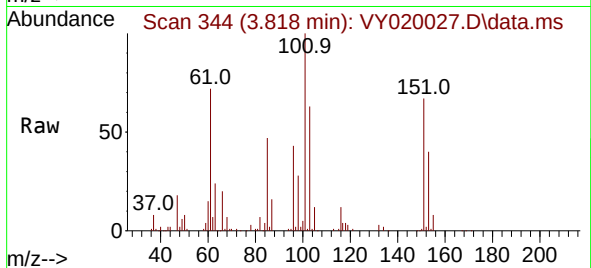
Tgt Ion: 74 Resp: 63115
 Ion Ratio Lower Upper
 74 100
 45 104.8 41.3 124.1



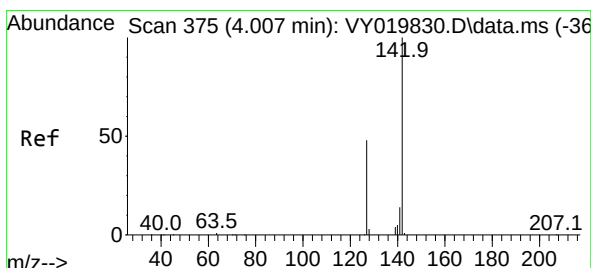
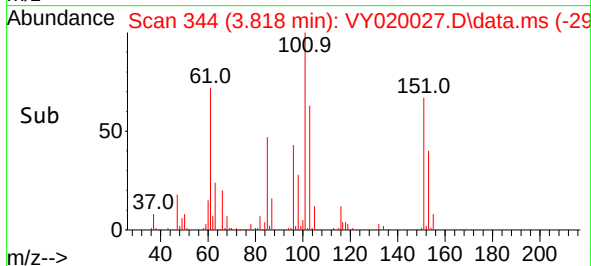
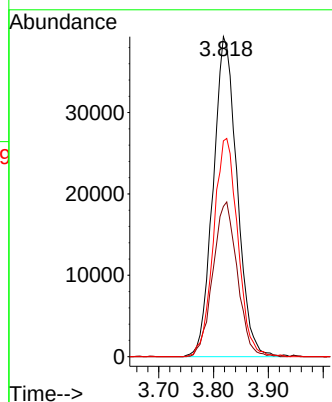


#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.517 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

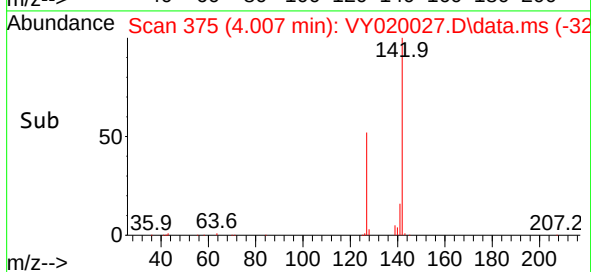
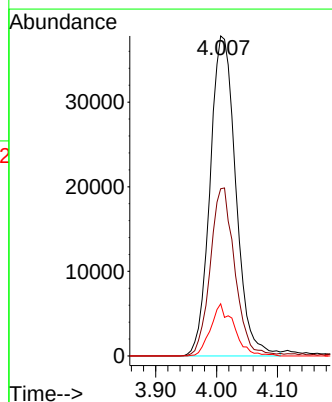
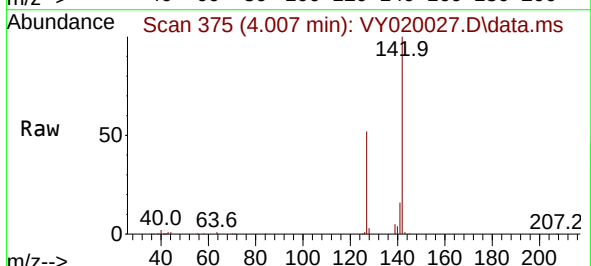


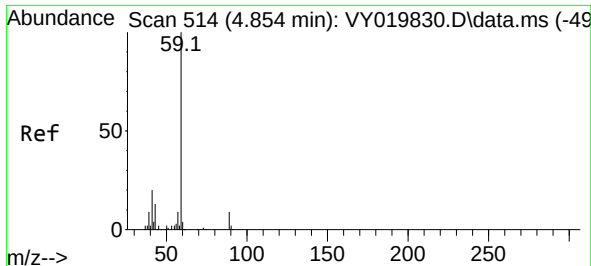
Tgt Ion:101 Resp: 119334
Ion Ratio Lower Upper
101 100
85 49.1 34.5 51.7
151 69.1 61.7 92.5



#10
Methyl Iodide
Concen: 49.243 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

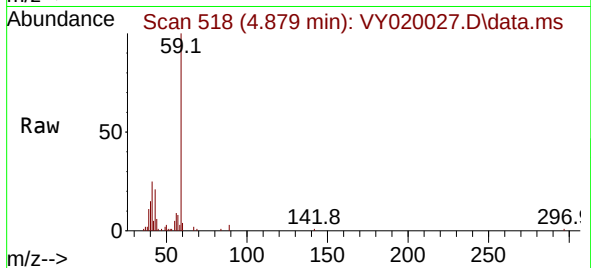
Tgt Ion:142 Resp: 111054
Ion Ratio Lower Upper
142 100
127 50.2 32.8 49.2#
141 15.0 11.4 17.2



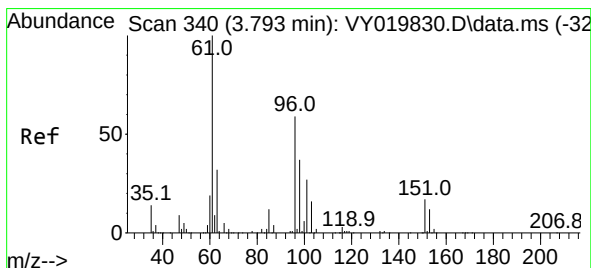
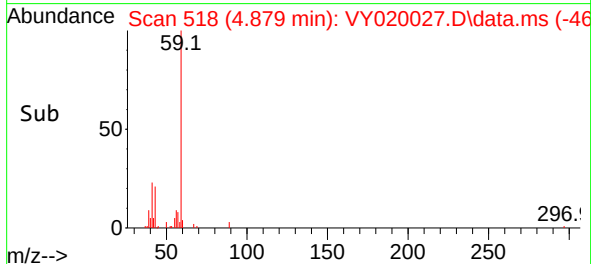
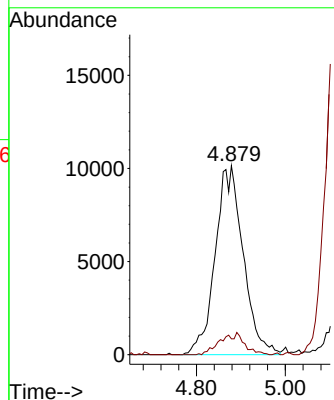


#11
Tert butyl alcohol
Concen: 228.569 ug/l
RT: 4.879 min Scan# 514
Delta R.T. 0.019 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

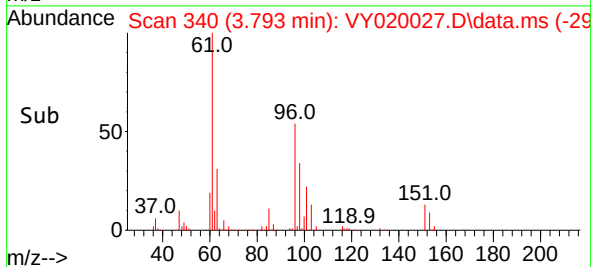
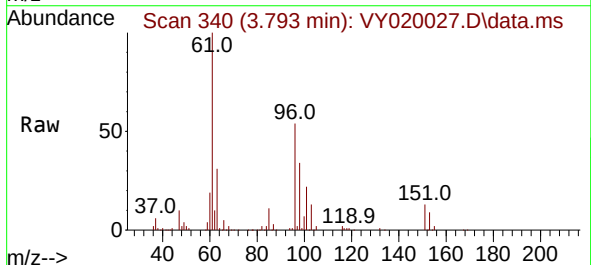
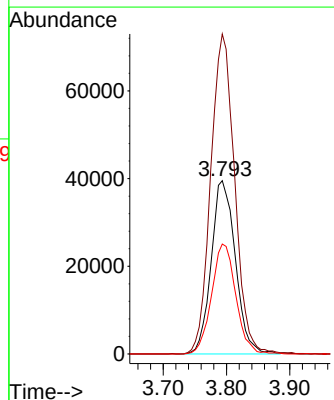


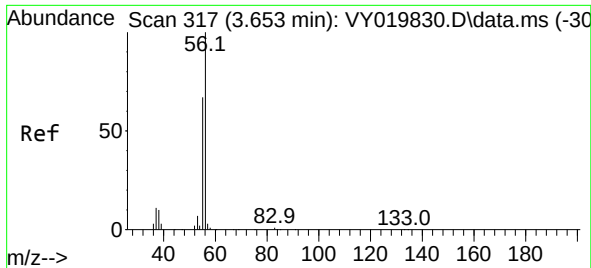
Tgt Ion: 59 Resp: 44348
Ion Ratio Lower Upper
59 100
57 5.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.533 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 96 Resp: 104754
Ion Ratio Lower Upper
96 100
61 184.7 114.6 171.8#
98 63.4 50.8 76.2





#13

Acrolein

Concen: 130.159 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

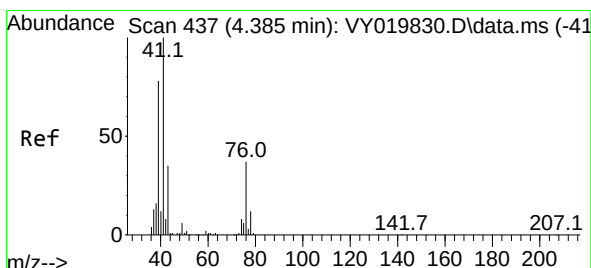
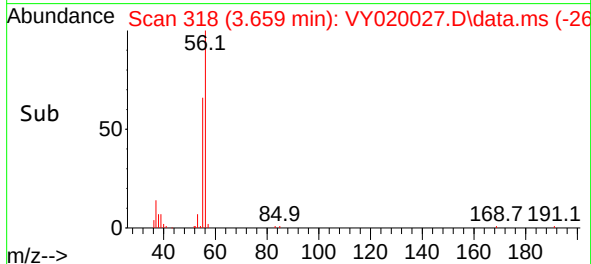
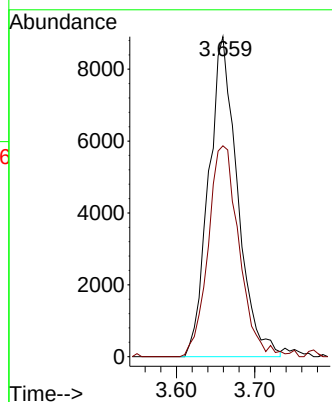
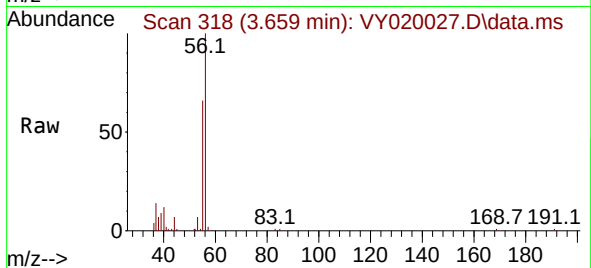
ClientSampleId :

Tgt Ion: 56 Resp: 22755

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 56.600 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

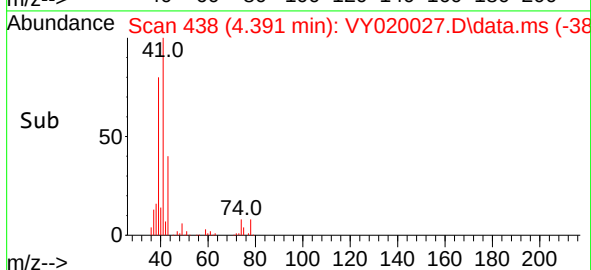
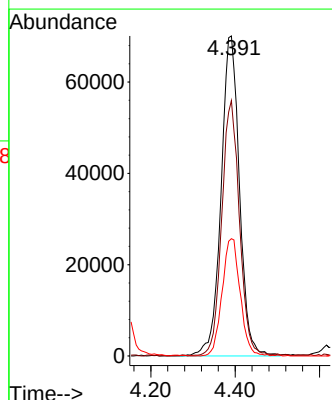
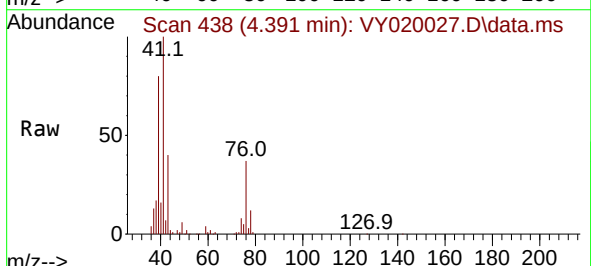
Tgt Ion: 41 Resp: 211698

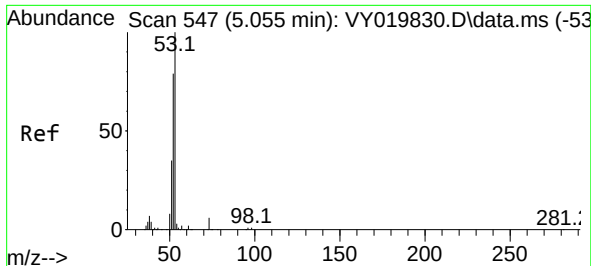
Ion Ratio Lower Upper

41 100

39 76.9 58.3 87.5

76 36.0 39.0 58.6#

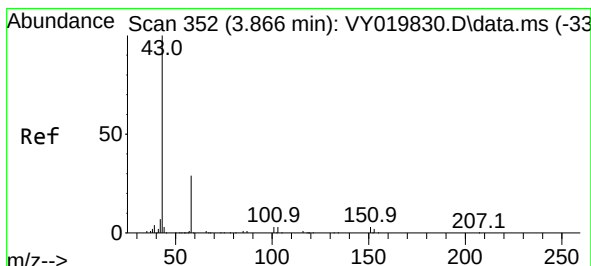
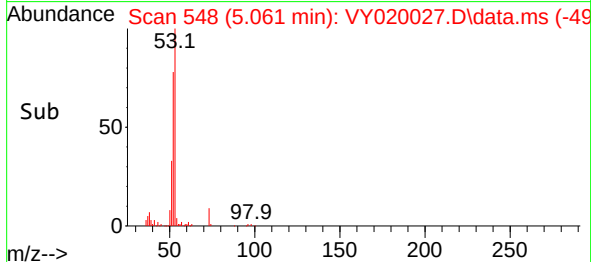
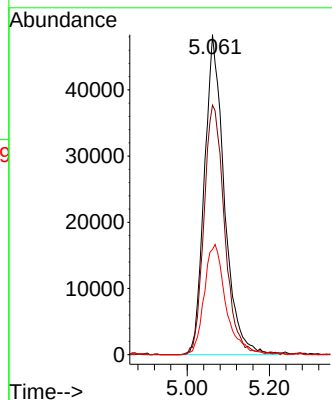
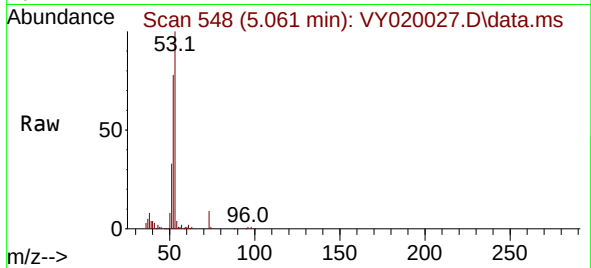




#15
Acrylonitrile
Concen: 304.973 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

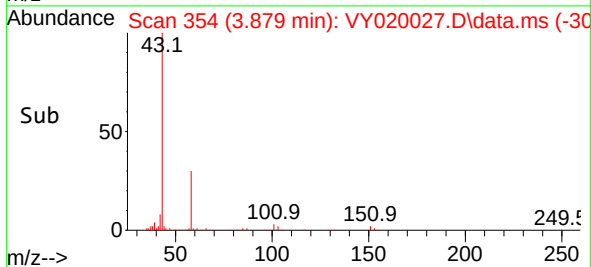
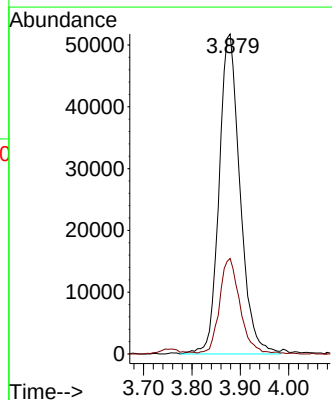
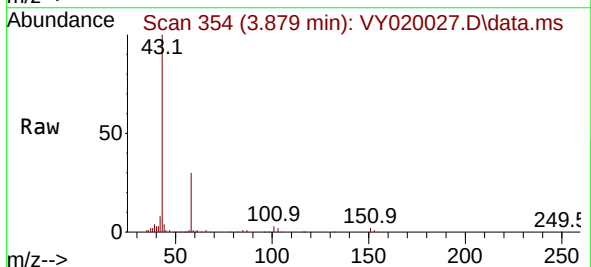
Instrument :
MSVOA_Y
ClientSampleId :

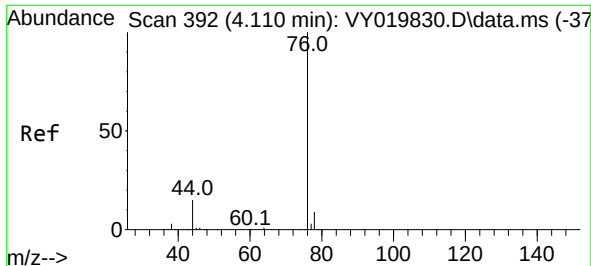
Tgt Ion: 53 Resp: 162521
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 37.4 28.4 42.6



#16
Acetone
Concen: 251.432 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 43 Resp: 155724
Ion Ratio Lower Upper
43 100
58 29.6 31.7 47.5#





#17

Carbon Disulfide

Concen: 42.896 ug/l

RT: 4.116 min Scan# 392

Delta R.T. 0.013 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

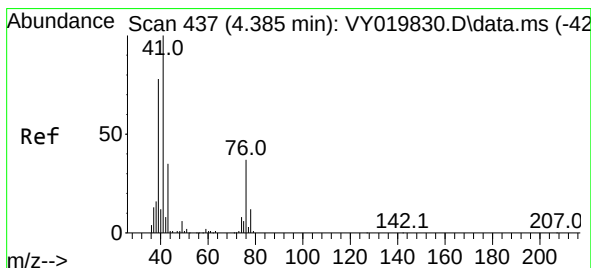
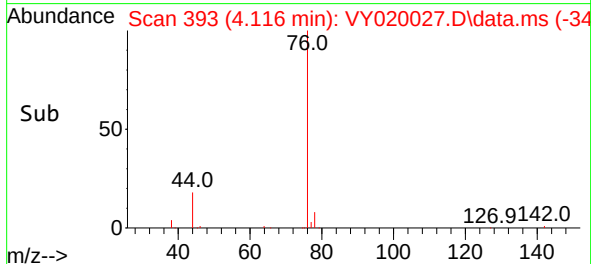
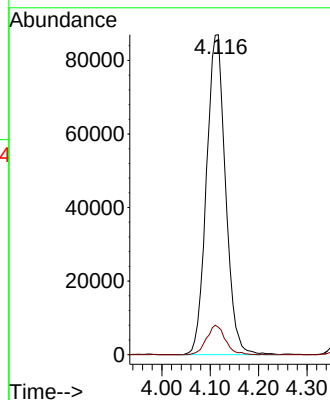
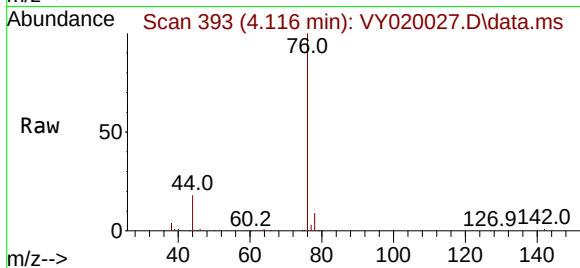
ClientSampleId :

Tgt Ion: 76 Resp: 238343

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2



#18

Methyl Acetate

Concen: 64.173 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.007 min

Lab File: VY020027.D

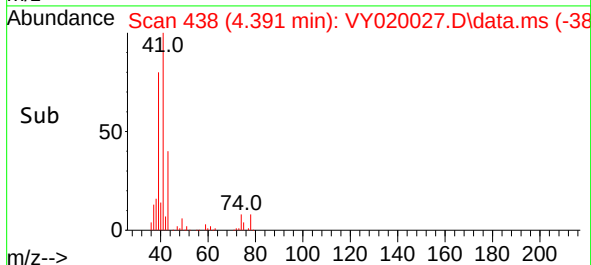
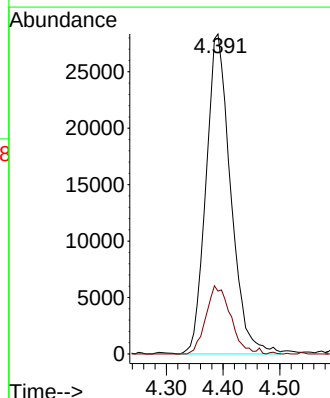
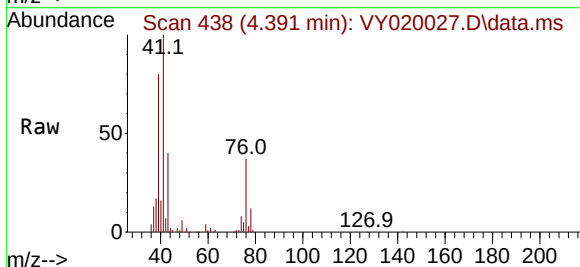
Acq: 25 Oct 2024 15:41

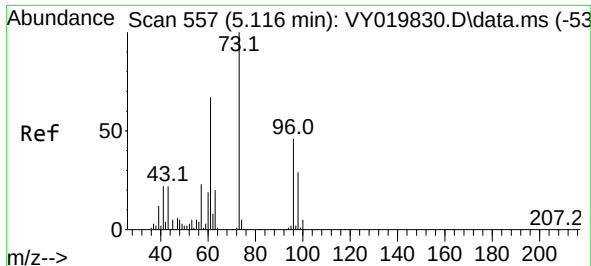
Tgt Ion: 43 Resp: 85619

Ion Ratio Lower Upper

43 100

74 21.5 23.3 34.9#

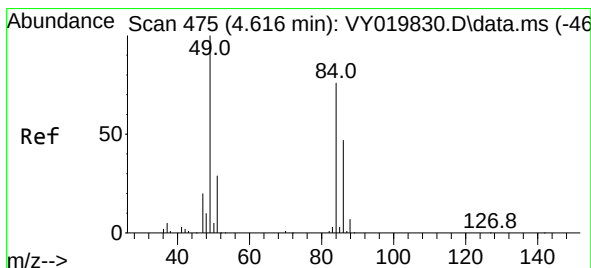
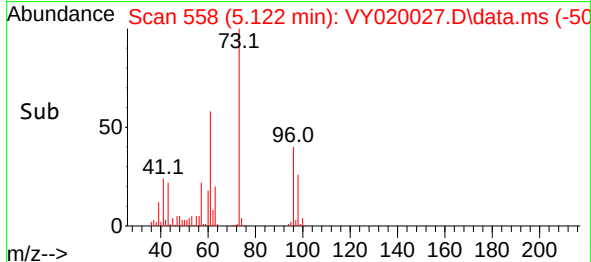
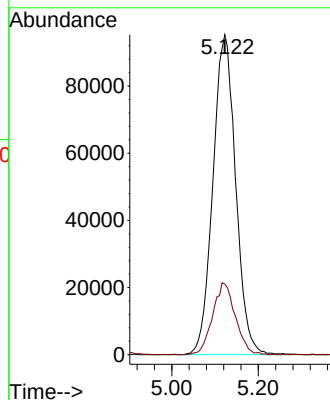
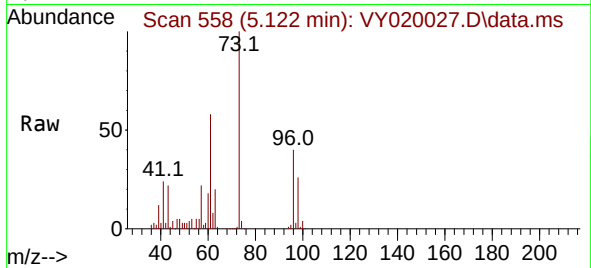




#19
Methyl tert-butyl Ether
Concen: 58.440 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

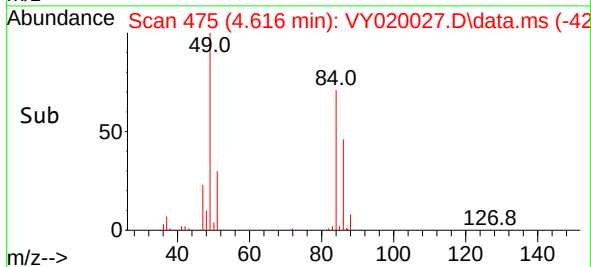
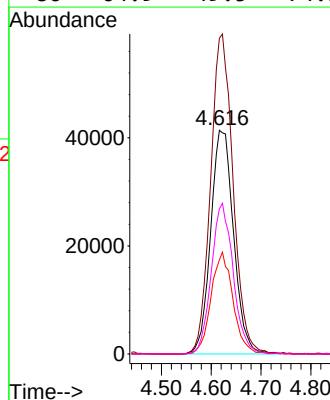
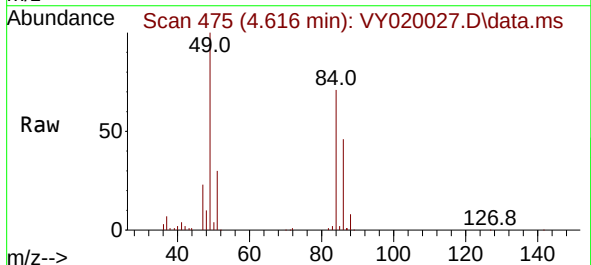
Instrument :
MSVOA_Y
ClientSampleId :

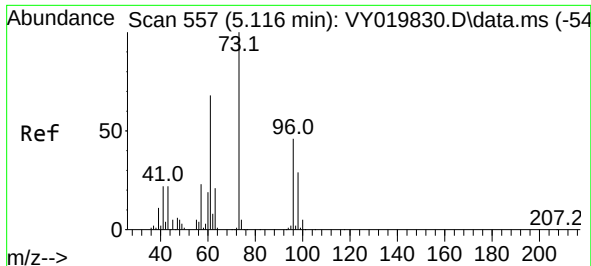
Tgt Ion: 73 Resp: 348034
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 57.899 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 84 Resp: 132207
Ion Ratio Lower Upper
84 100
49 141.2 84.4 126.6#
51 42.1 26.0 39.0#
86 64.9 49.5 74.3

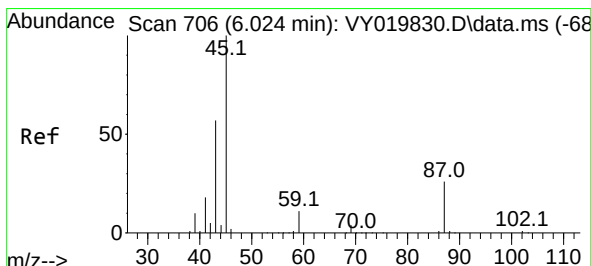
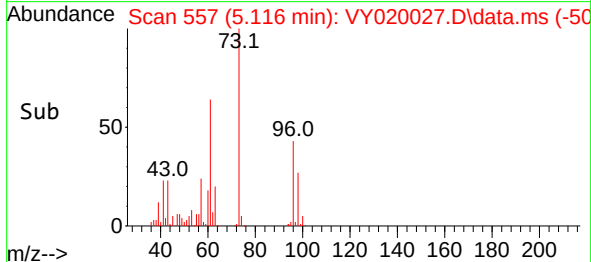
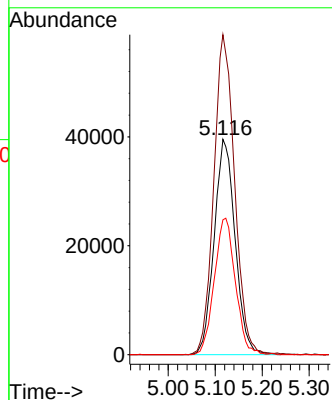
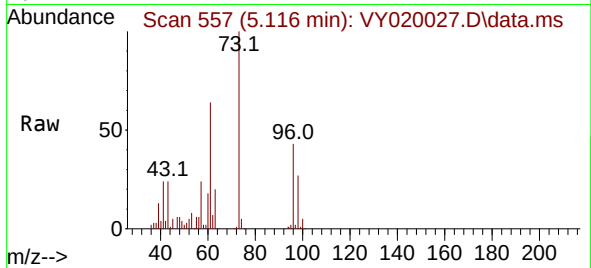




#21
trans-1,2-Dichloroethene
Concen: 54.397 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

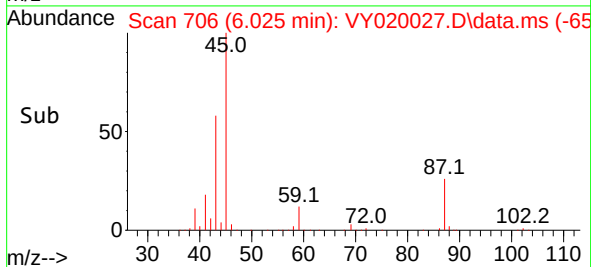
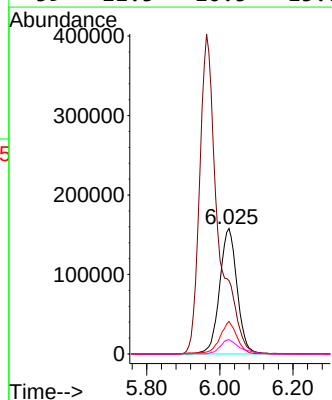
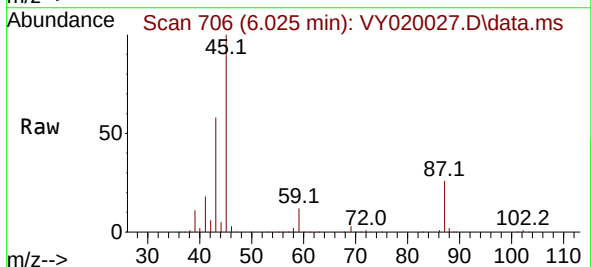
Instrument :
MSVOA_Y
ClientSampleId :

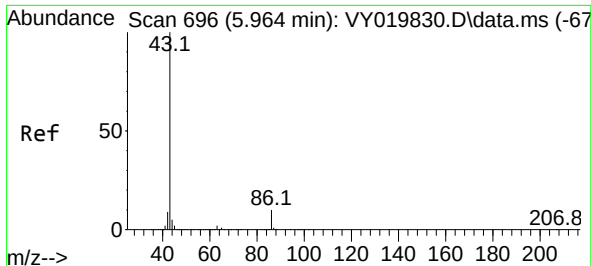
Tgt Ion: 96 Resp: 122727
Ion Ratio Lower Upper
96 100
61 148.6 97.5 146.3#
98 62.6 50.5 75.7



#22
Diisopropyl ether
Concen: 64.426 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 45 Resp: 524880
Ion Ratio Lower Upper
45 100
43 58.4 42.2 63.2
87 25.8 25.0 37.6
59 11.5 10.5 15.7

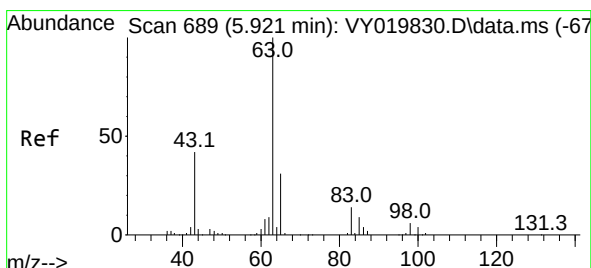
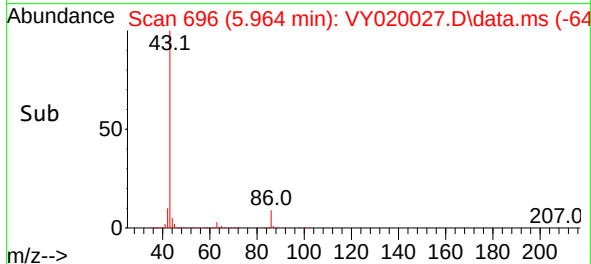
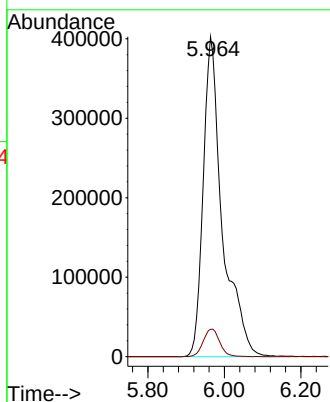
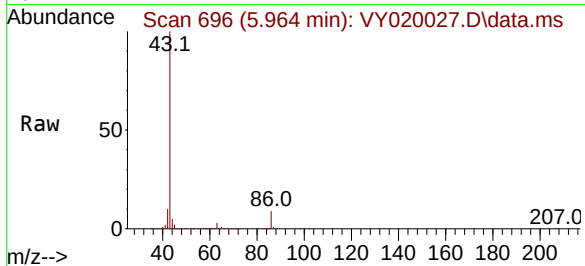




#23
 Vinyl Acetate
 Concen: 299.802 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY020027.D
 Acq: 25 Oct 2024 15:41

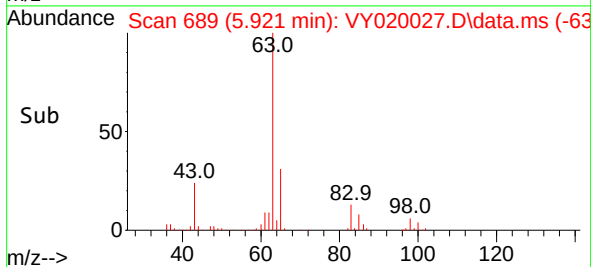
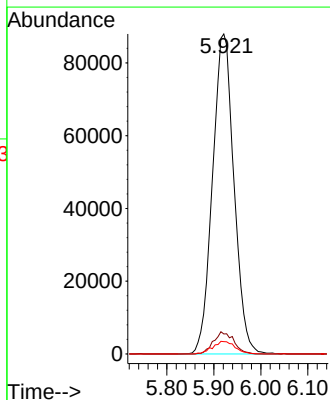
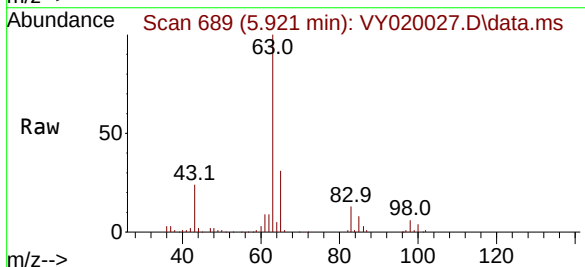
Instrument :
 MSVOA_Y
 ClientSampleId :

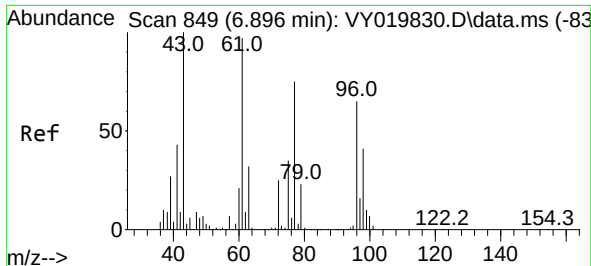
Tgt Ion: 43 Resp: 1400223
 Ion Ratio Lower Upper
 43 100
 86 8.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 61.565 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY020027.D
 Acq: 25 Oct 2024 15:41

Tgt Ion: 63 Resp: 278810
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 12.2
 100 3.9 2.6 8.0

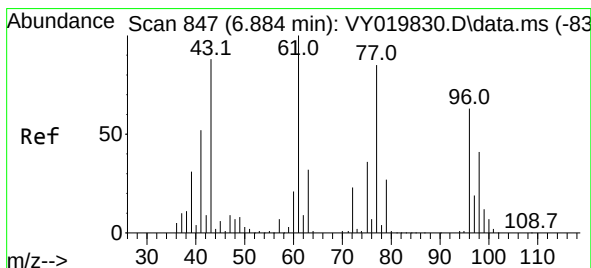
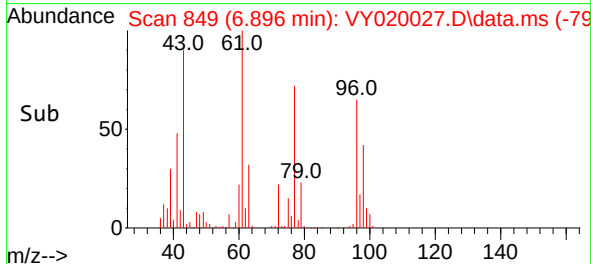
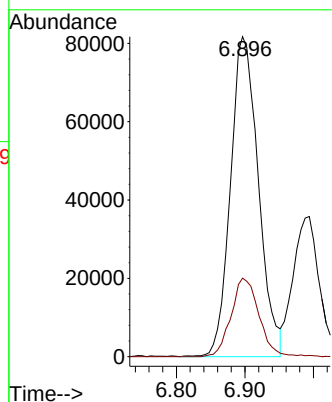
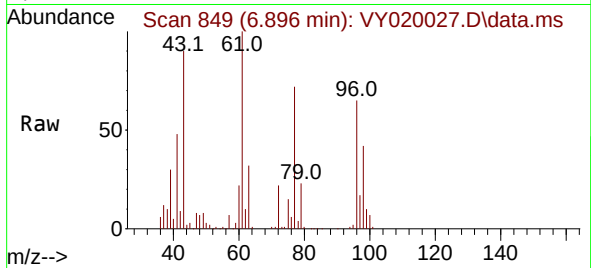




#25
2-Butanone
Concen: 278.983 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

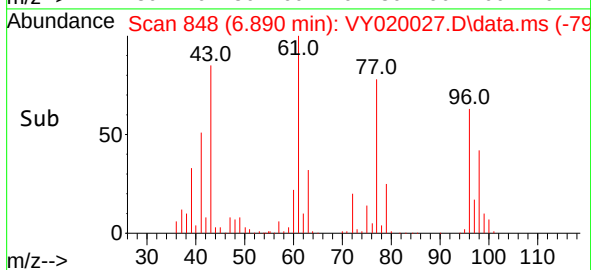
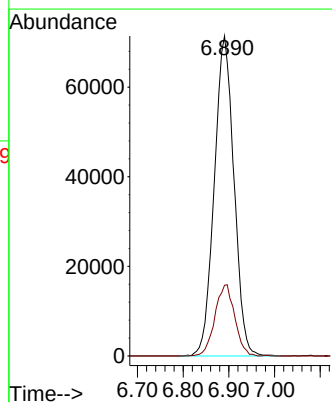
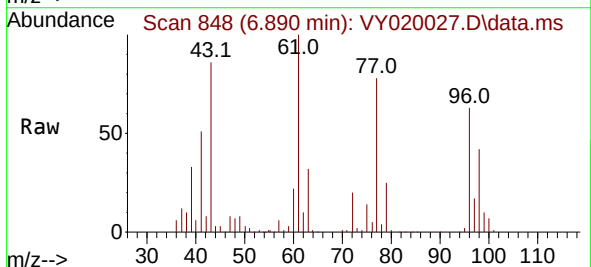
Instrument :
MSVOA_Y
ClientSampleId :

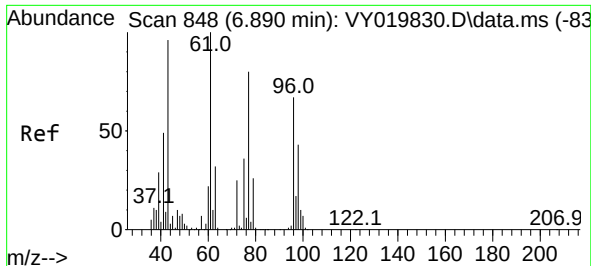
Tgt Ion: 43 Resp: 231282
Ion Ratio Lower Upper
43 100
72 24.5 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 52.975 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 77 Resp: 213658
Ion Ratio Lower Upper
77 100
97 22.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 59.283 ug/l

RT: 6.896 min Scan# 848

Delta R.T. 0.007 min

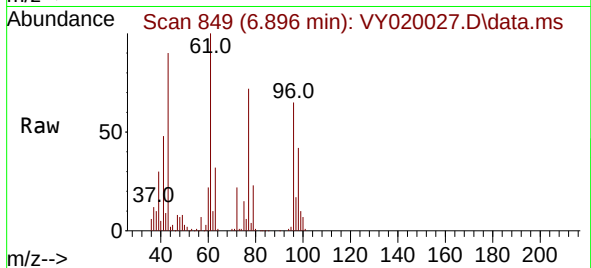
Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :



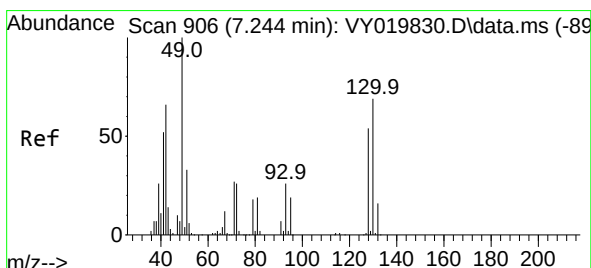
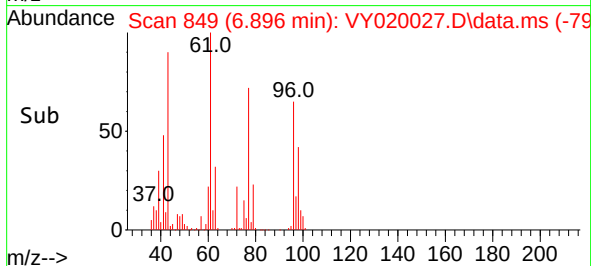
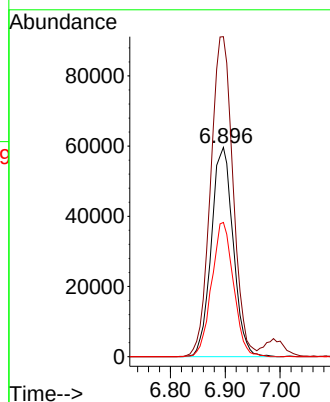
Tgt Ion: 96 Resp: 165291

Ion Ratio Lower Upper

96 100

61 156.7 0.0 256.2

98 64.0 0.0 130.0



#28

Bromochloromethane

Concen: 58.919 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.007 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

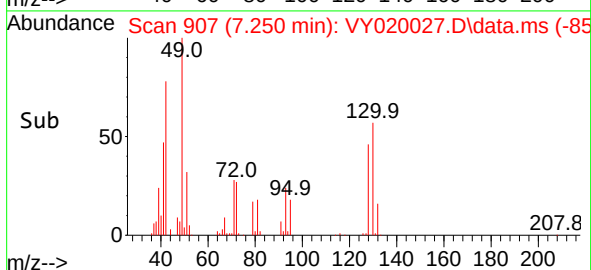
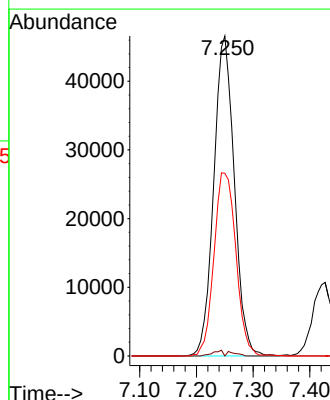
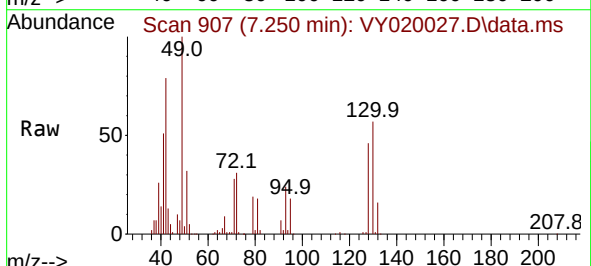
Tgt Ion: 49 Resp: 117443

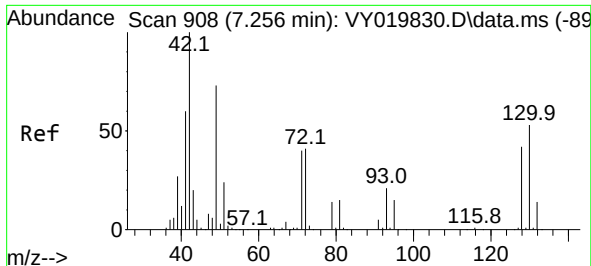
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

130 61.2 72.7 109.1#





#29

Tetrahydrofuran

Concen: 293.043 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

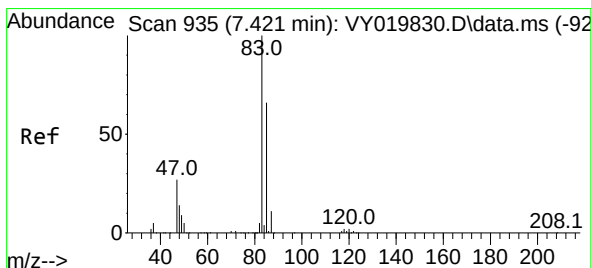
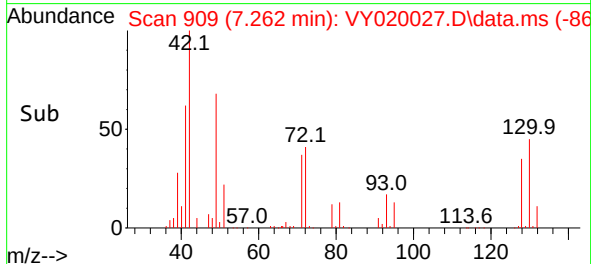
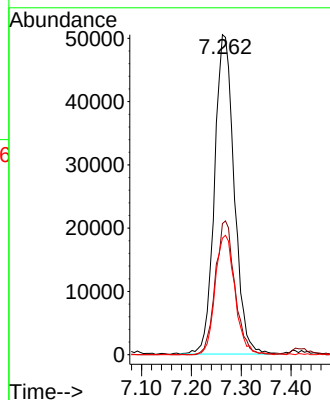
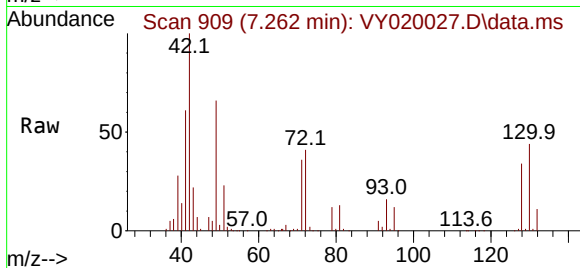
Tgt Ion: 42 Resp: 138712

Ion Ratio Lower Upper

42 100

72 41.3 43.0 64.4#

71 37.6 40.8 61.2#



#30

Chloroform

Concen: 63.369 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.007 min

Lab File: VY020027.D

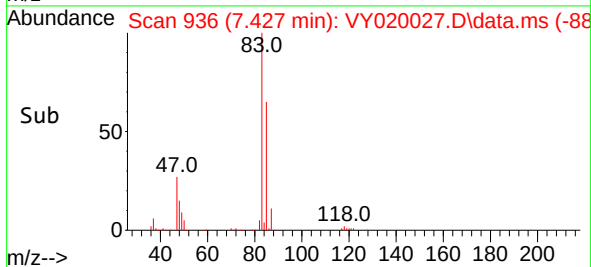
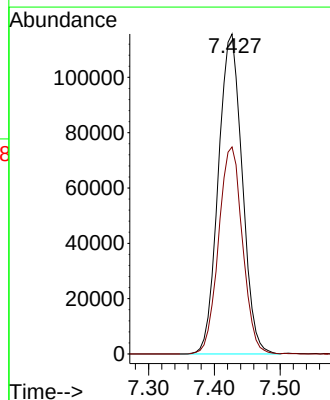
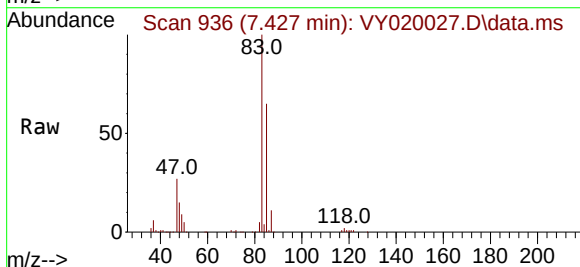
Acq: 25 Oct 2024 15:41

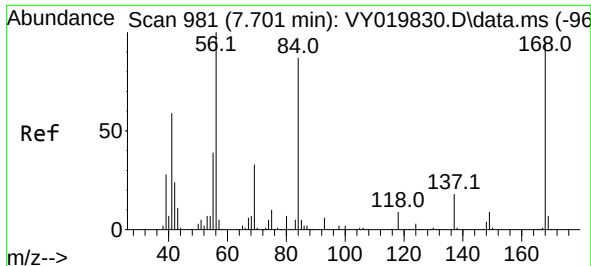
Tgt Ion: 83 Resp: 292543

Ion Ratio Lower Upper

83 100

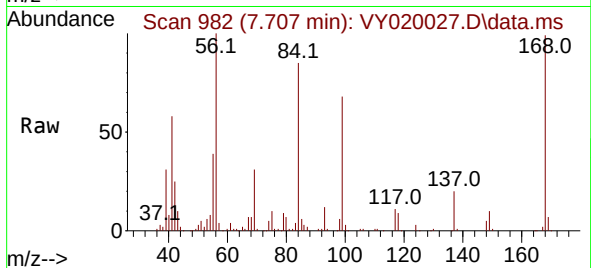
85 64.7 52.2 78.4



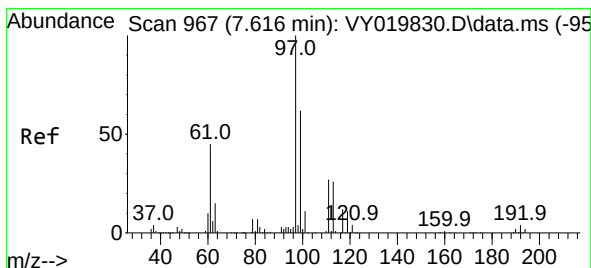
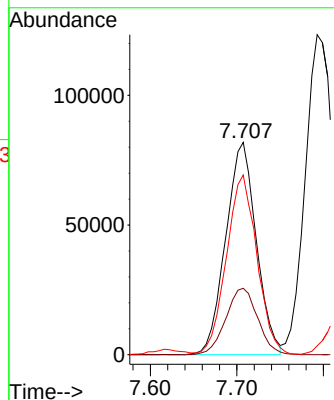
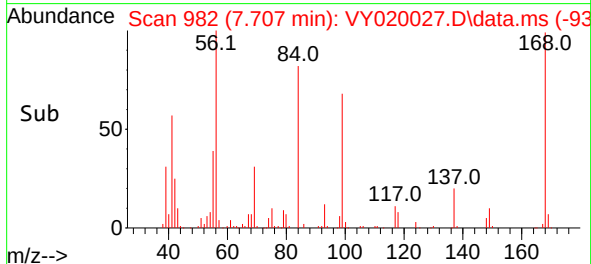


#31
Cyclohexane
Concen: 50.494 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

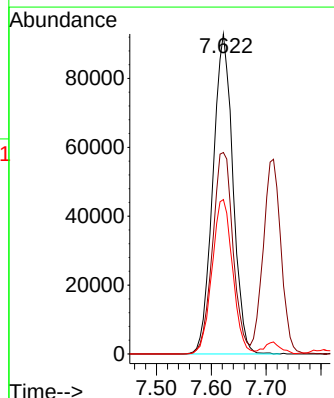
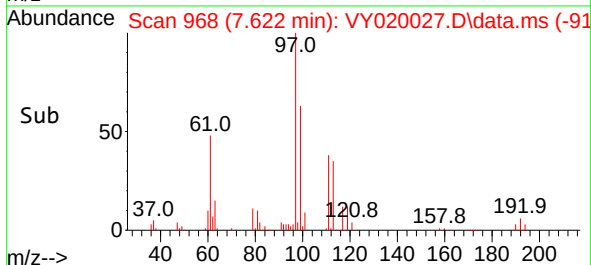
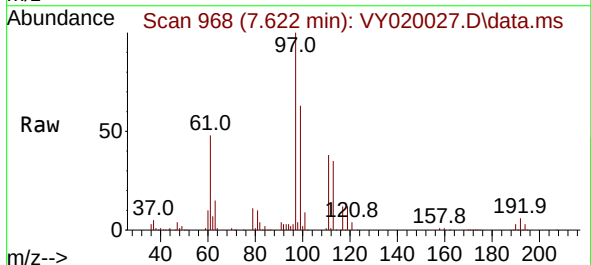


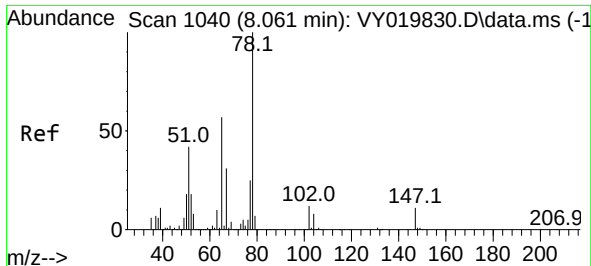
Tgt Ion: 56 Resp: 200734
Ion Ratio Lower Upper
56 100
69 31.3 28.7 43.1
84 83.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 58.186 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 97 Resp: 235405
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 49.6 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 60.077 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

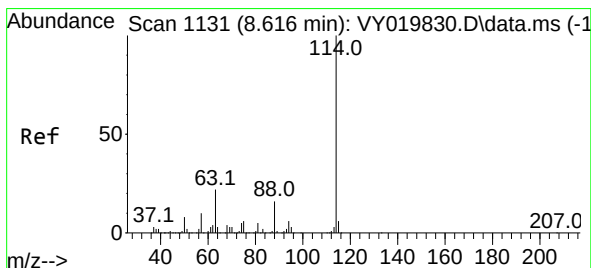
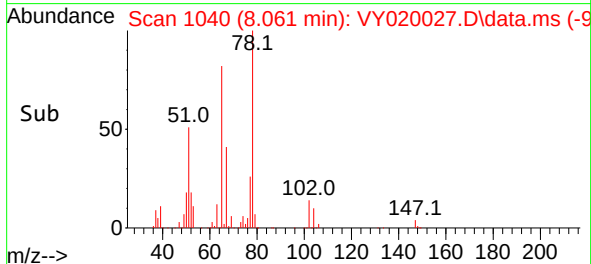
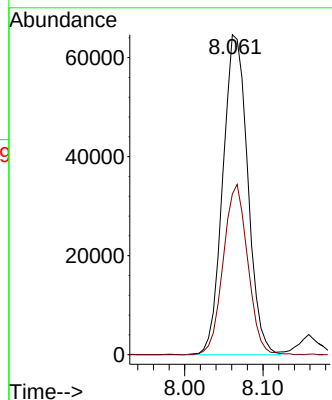
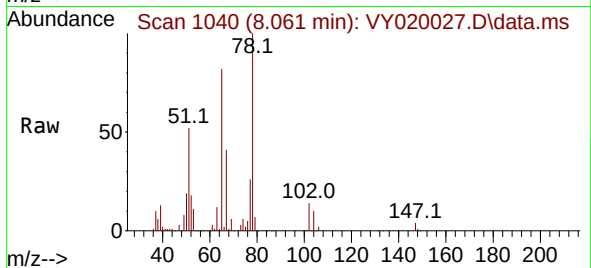
ClientSampleId :

Tgt Ion: 65 Resp: 142936

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

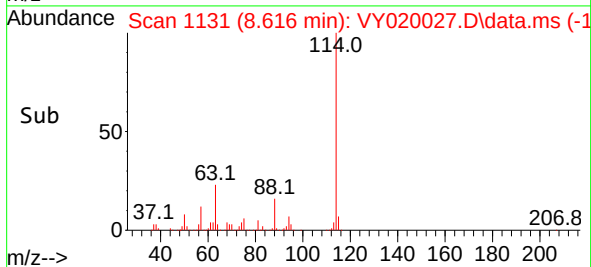
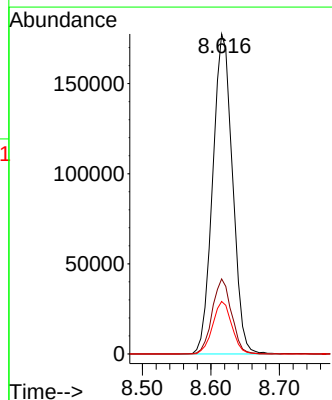
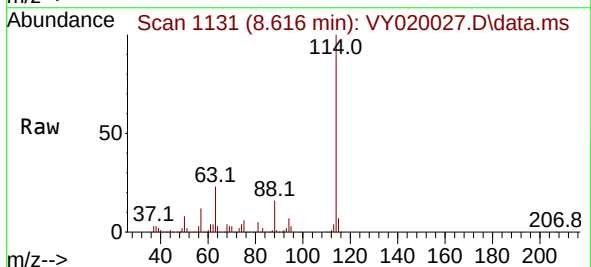
Tgt Ion: 114 Resp: 356271

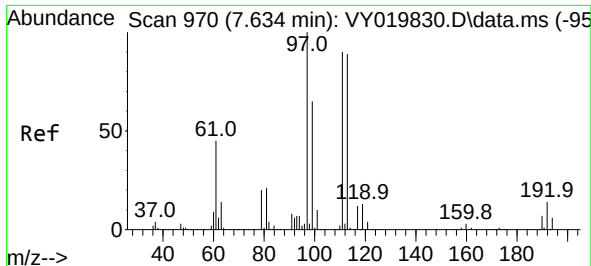
Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 16.4 0.0 27.2

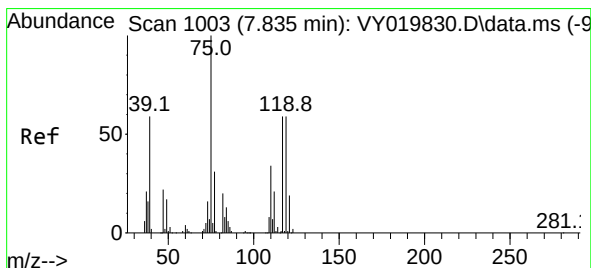
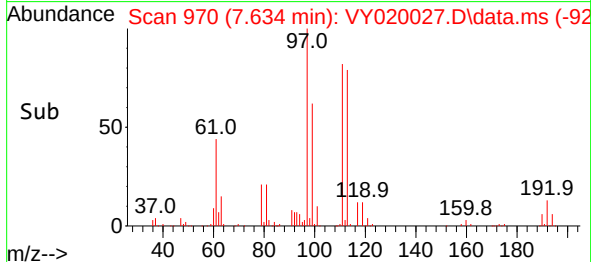
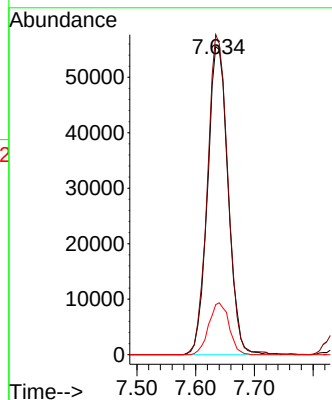
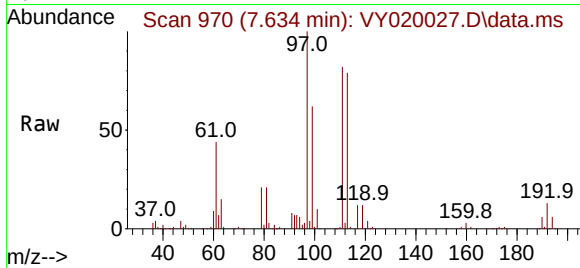




#35
Dibromofluoromethane
Concen: 57.413 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

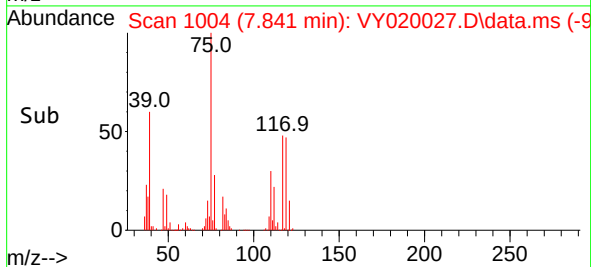
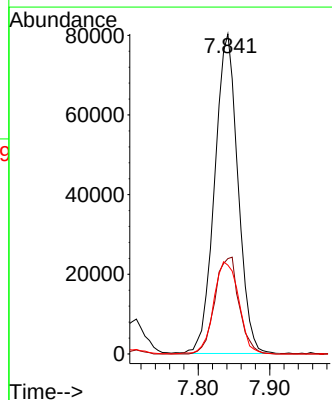
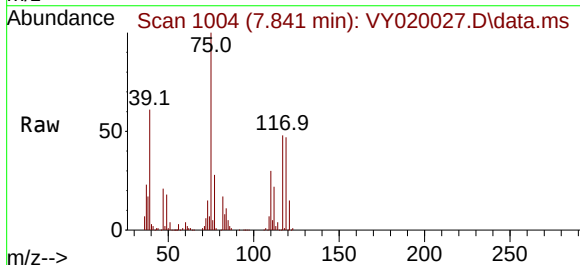
Instrument :
MSVOA_Y
ClientSampleId :

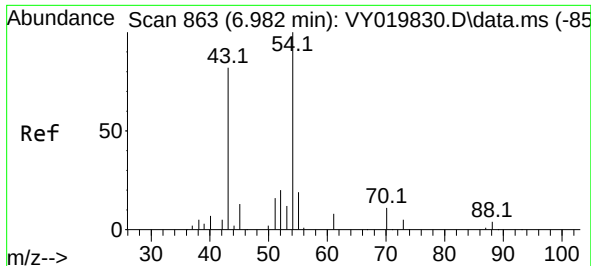
Tgt Ion:113 Resp: 134978
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 53.563 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 75 Resp: 181419
Ion Ratio Lower Upper
75 100
110 31.5 19.0 57.0
77 31.1 25.3 37.9

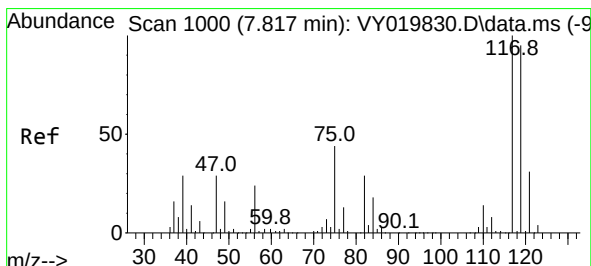
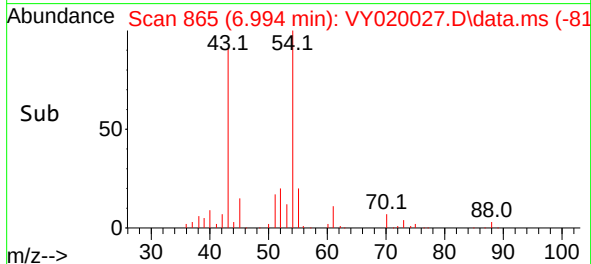
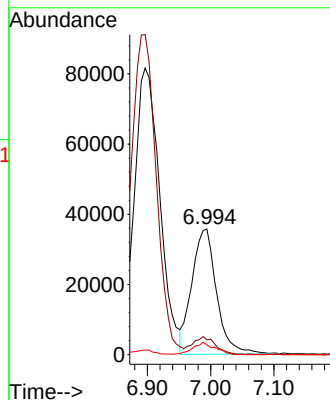
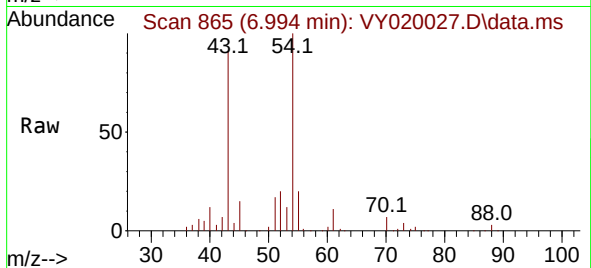




#37
Ethyl Acetate
Concen: 55.091 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.013 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

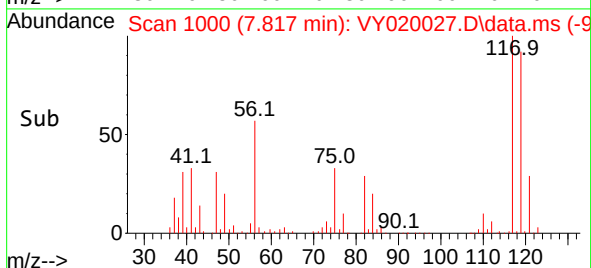
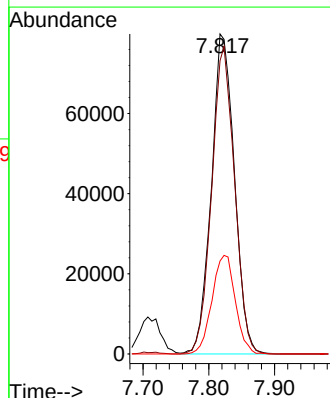
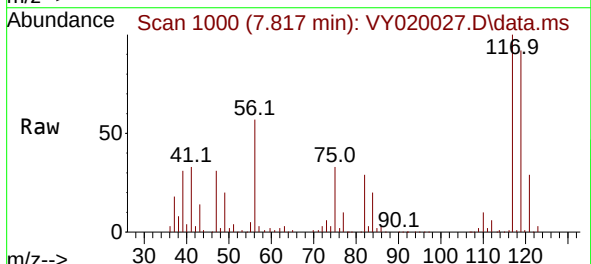
Instrument :
MSVOA_Y
ClientSampleId :

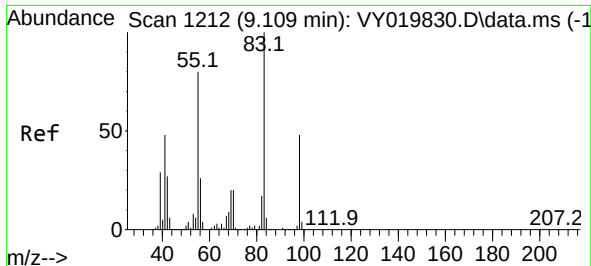
Tgt Ion: 43 Resp: 97298
Ion Ratio Lower Upper
43 100
61 12.9 12.6 19.0
70 8.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 53.689 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 117 Resp: 194945
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.6
121 29.1 24.0 36.0





#39

Methylcyclohexane

Concen: 50.626 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

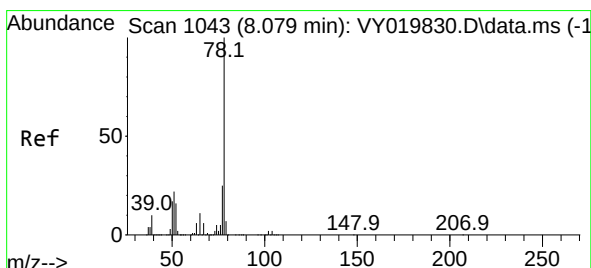
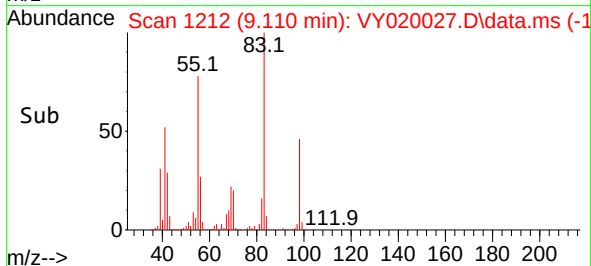
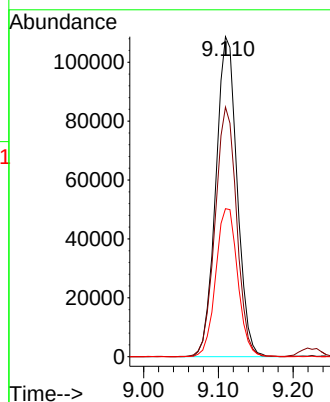
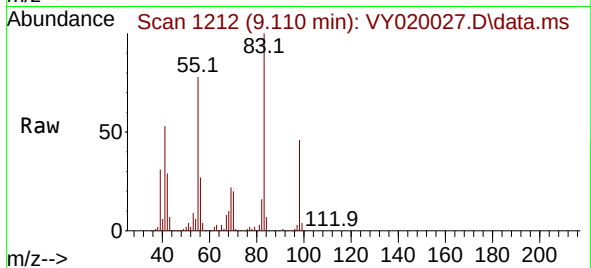
Tgt Ion: 83 Resp: 216054

Ion Ratio Lower Upper

83 100

55 77.9 51.5 77.3#

98 46.3 40.5 60.7



#40

Benzene

Concen: 57.160 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.007 min

Lab File: VY020027.D

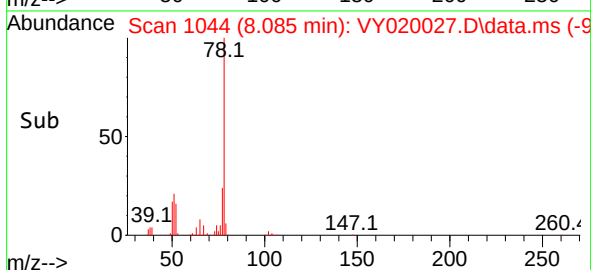
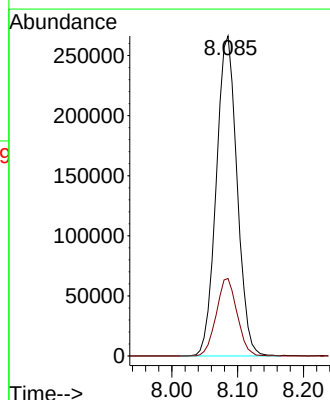
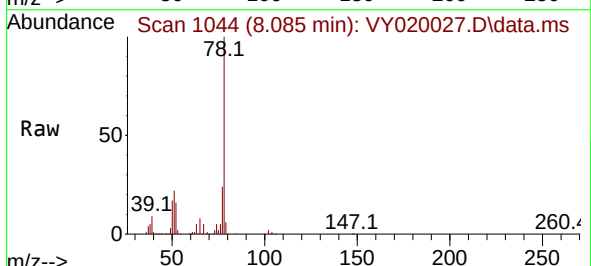
Acq: 25 Oct 2024 15:41

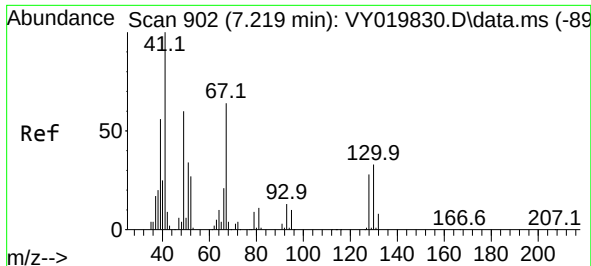
Tgt Ion: 78 Resp: 585922

Ion Ratio Lower Upper

78 100

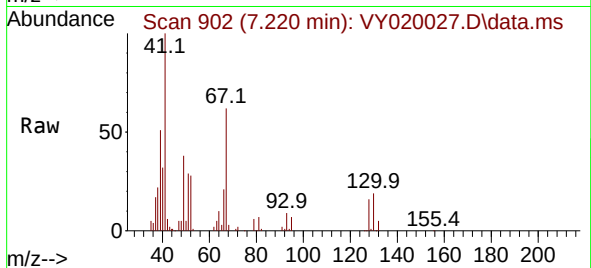
77 24.2 19.5 29.3



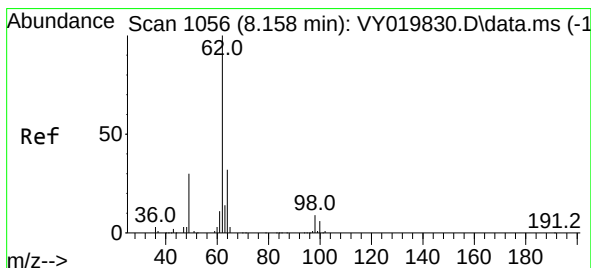
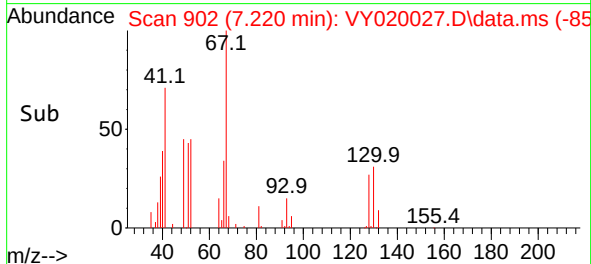
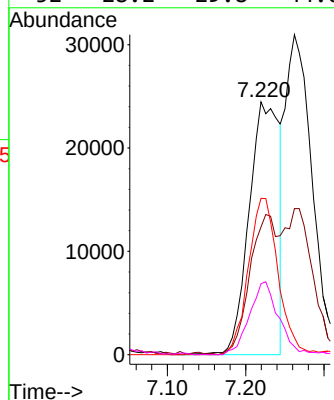


#41
Methacrylonitrile
Concen: 68.836 ug/l
RT: 7.220 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Instrument :
MSVOA_Y
ClientSampleId :

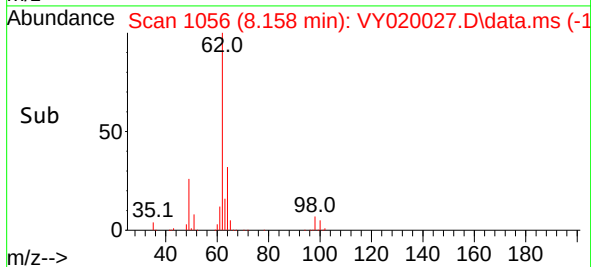
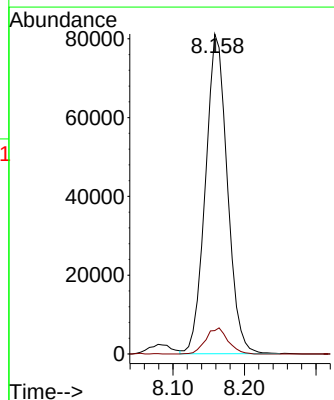
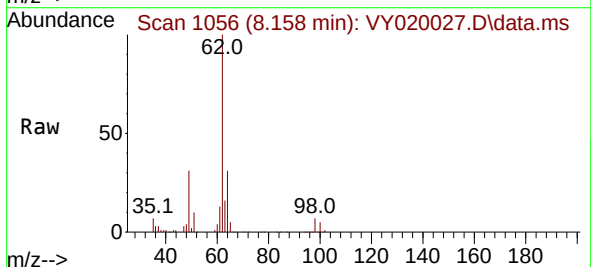


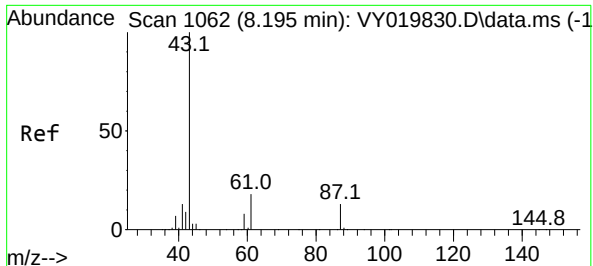
Tgt Ion:	41	Resp:	65799
Ion	Ratio	Lower	Upper
41	100		
39	53.1	48.0	72.0
67	60.7	75.1	112.7#
52	28.2	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 58.637 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion:	62	Resp:	172678
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 55.794 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.007 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

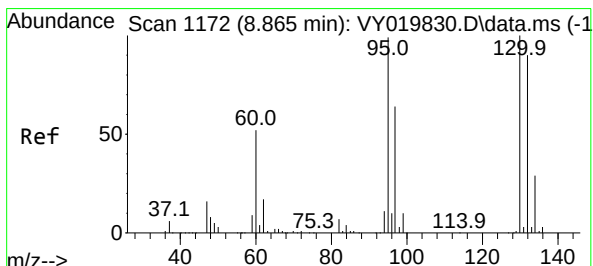
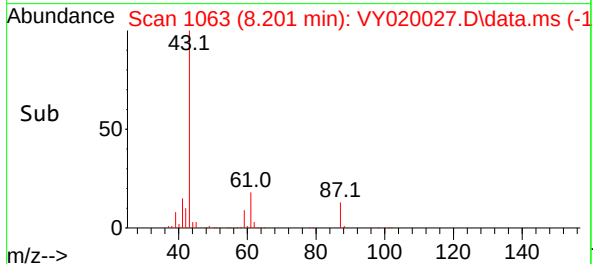
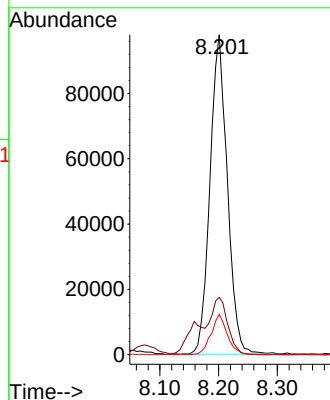
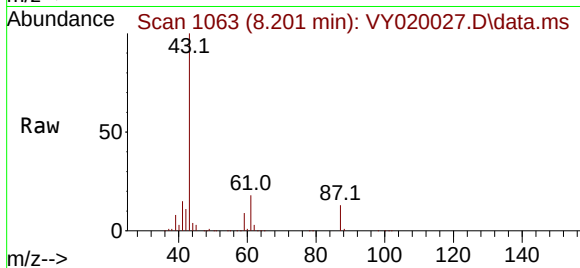
Tgt Ion: 43 Resp: 200961

Ion Ratio Lower Upper

43 100

61 17.6 27.9 41.9#

87 11.7 13.1 19.7#



#44

Trichloroethene

Concen: 52.746 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020027.D

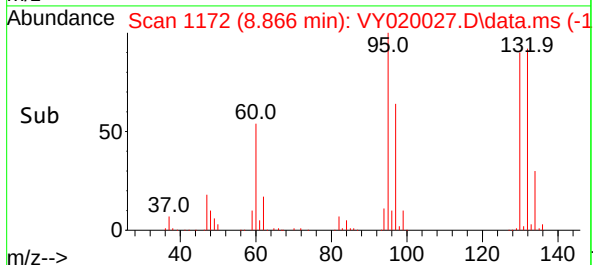
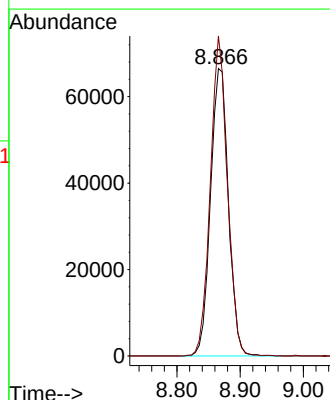
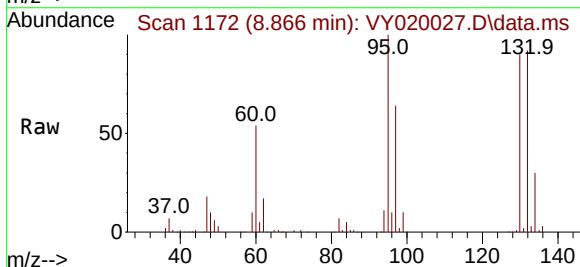
Acq: 25 Oct 2024 15:41

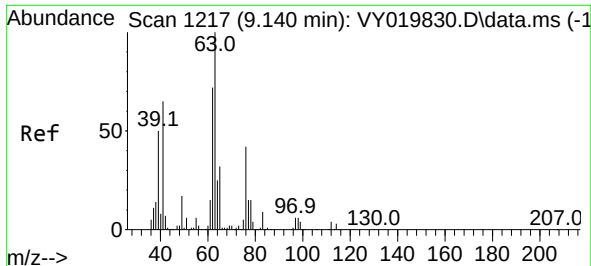
Tgt Ion:130 Resp: 130952

Ion Ratio Lower Upper

130 100

95 111.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 59.681 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

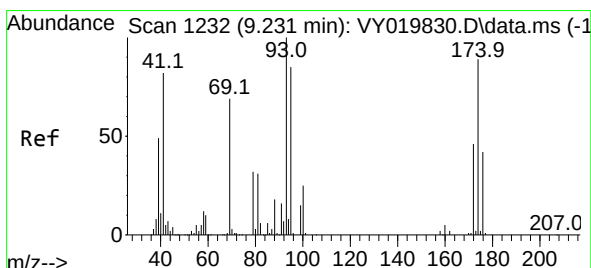
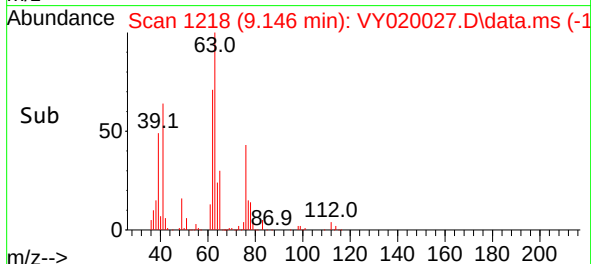
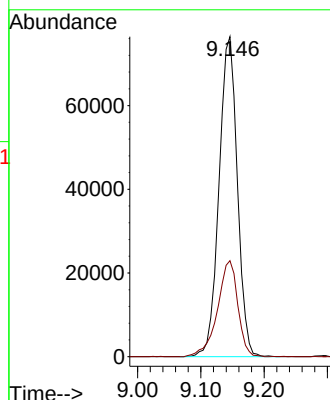
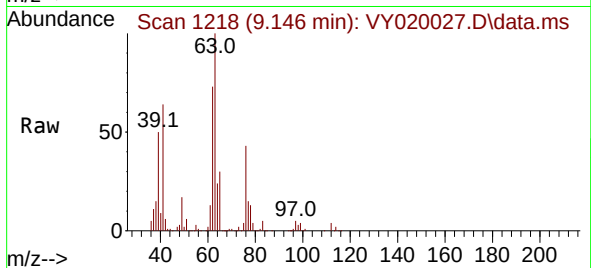
ClientSampleId :

Tgt Ion: 63 Resp: 153121

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.2



#46

Dibromomethane

Concen: 57.251 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

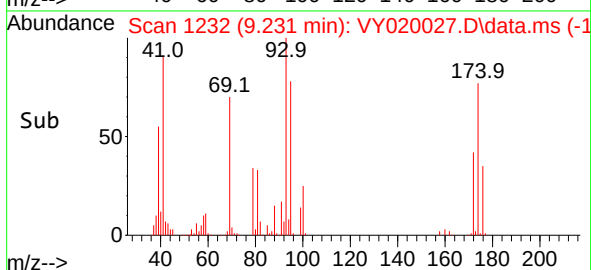
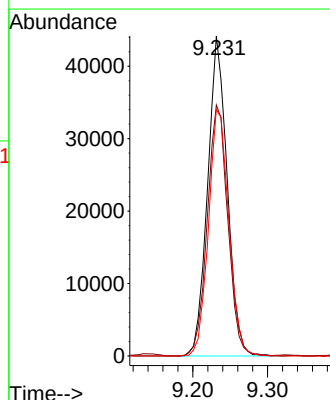
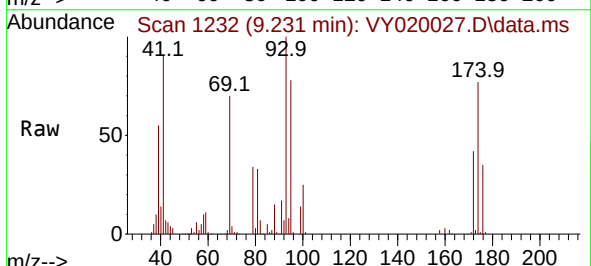
Tgt Ion: 93 Resp: 80252

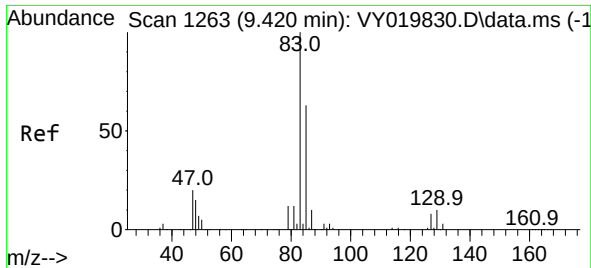
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 80.1 80.9 121.3#

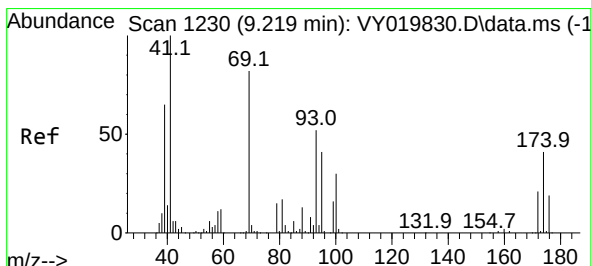
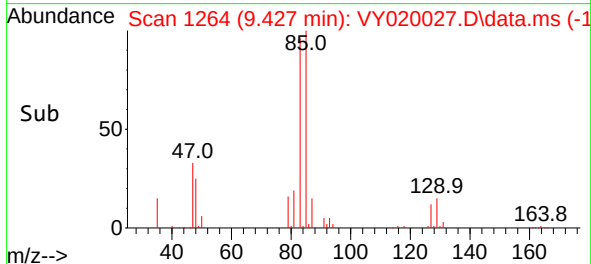
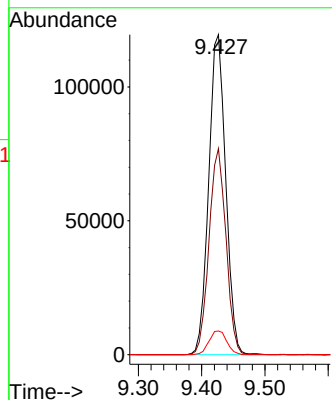
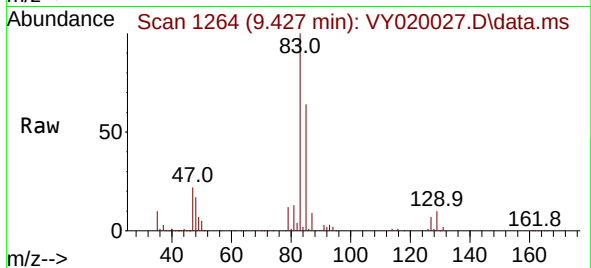




#47
Bromodichloromethane
Concen: 59.981 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

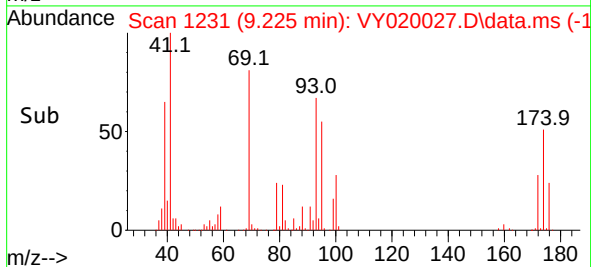
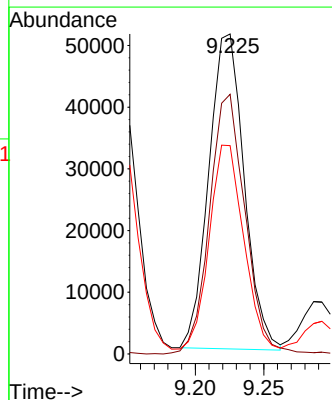
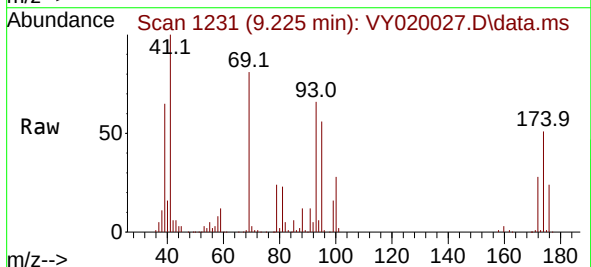
Instrument :
MSVOA_Y
ClientSampleId :

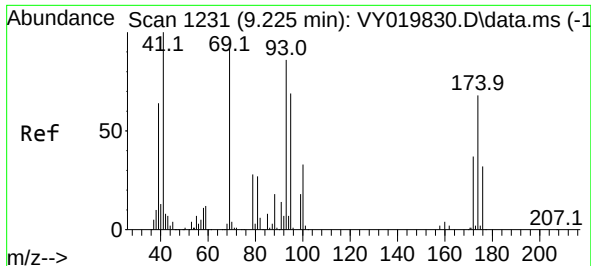
Tgt Ion: 83 Resp: 223174
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 7.4 7.4 11.0



#48
Methyl methacrylate
Concen: 57.935 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.007 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 41 Resp: 91790
Ion Ratio Lower Upper
41 100
69 83.1 84.1 126.1#
39 65.8 43.6 65.4#





#49

1,4-Dioxane

Concen: 1106.956 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.007 min

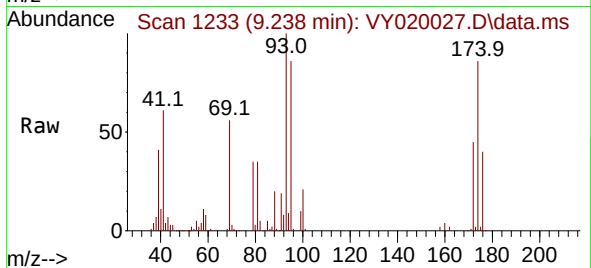
Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :



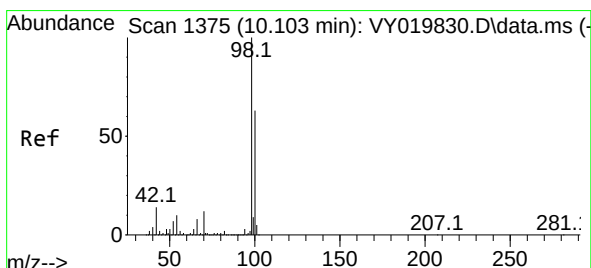
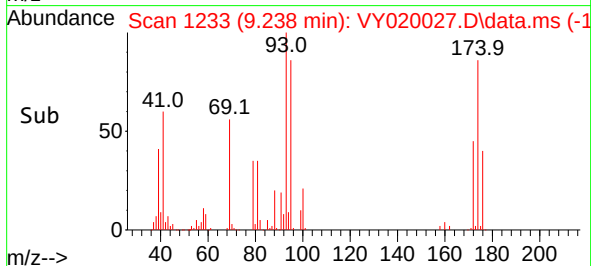
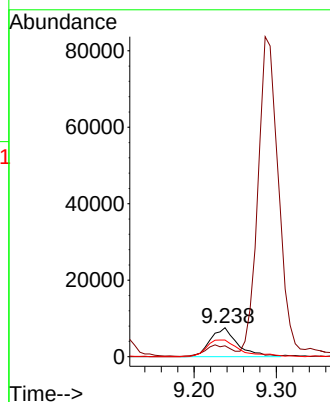
Tgt Ion: 88 Resp: 17367

Ion Ratio Lower Upper

88 100

43 36.0 0.0 0.0#

58 71.7 49.3 73.9



#50

Toluene-d8

Concen: 56.580 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020027.D

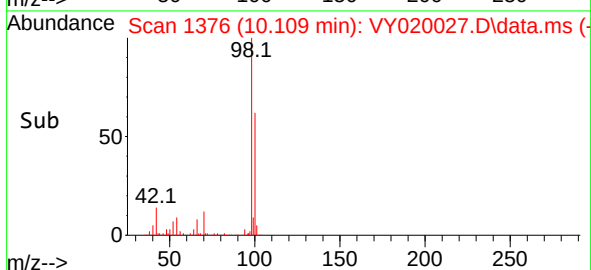
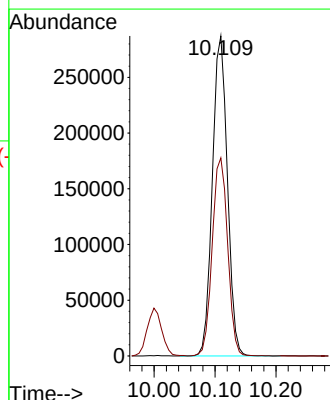
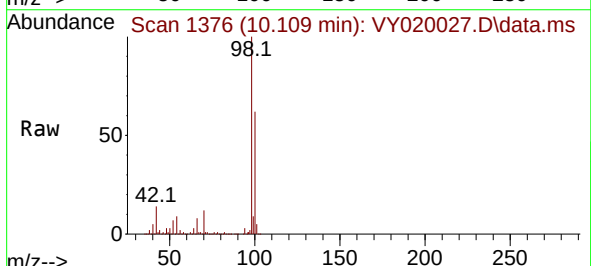
Acq: 25 Oct 2024 15:41

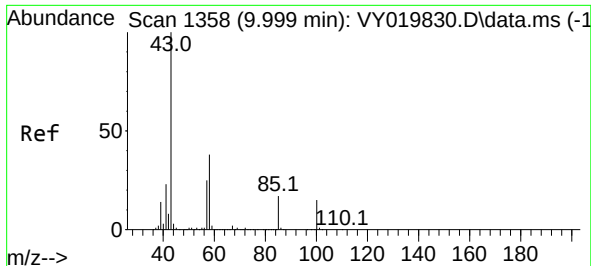
Tgt Ion: 98 Resp: 491222

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0

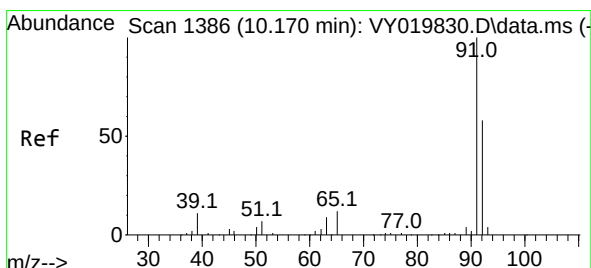
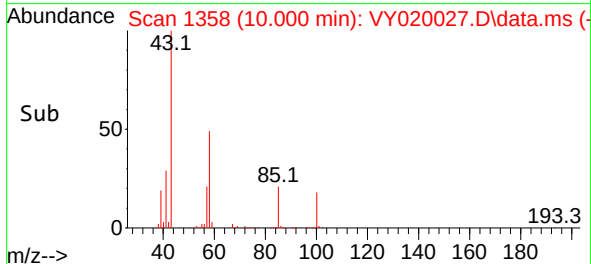
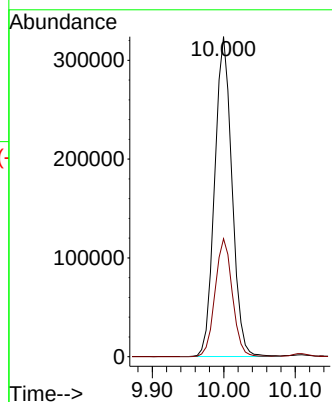
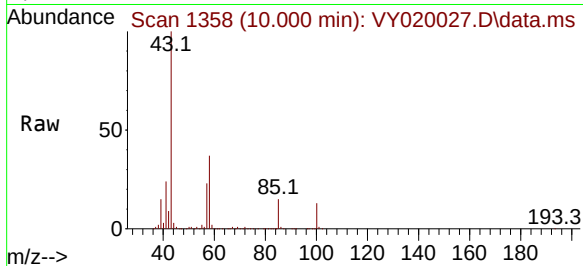




#51
4-Methyl-2-Pentanone
Concen: 296.567 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

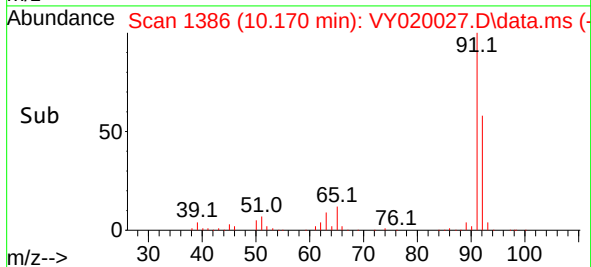
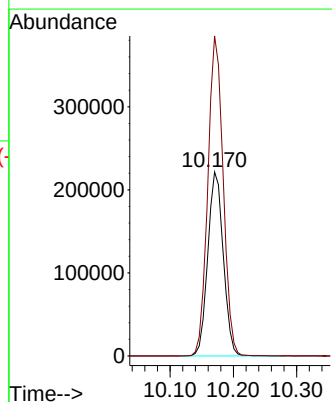
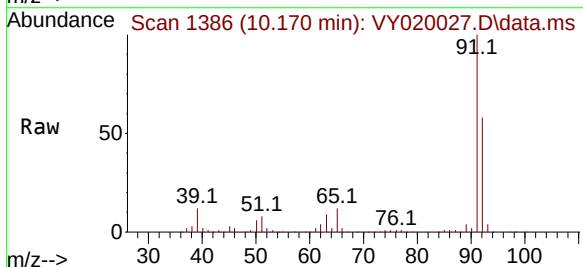
Instrument :
MSVOA_Y
ClientSampleId :

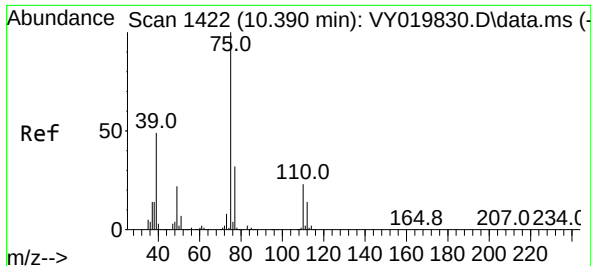
Tgt Ion: 43 Resp: 544845
Ion Ratio Lower Upper
43 100
58 36.8 35.7 53.5



#52
Toluene
Concen: 58.931 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 92 Resp: 377065
Ion Ratio Lower Upper
92 100
91 172.1 139.0 208.6

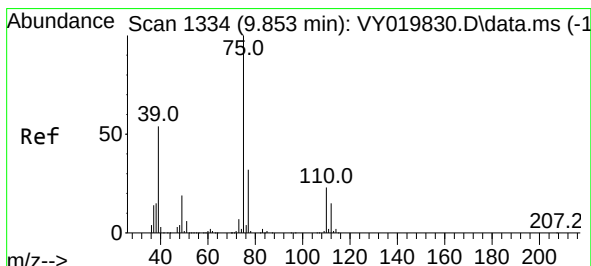
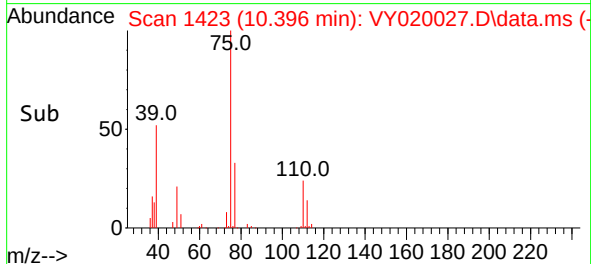
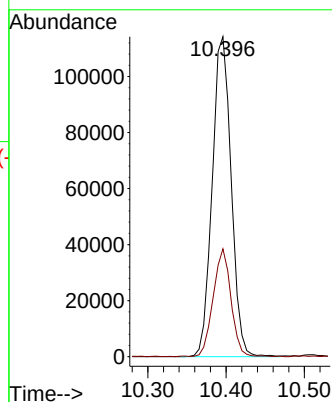
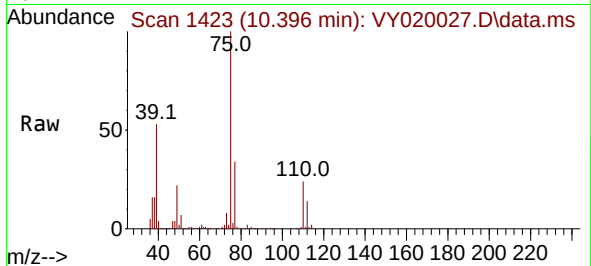




#53
t-1,3-Dichloropropene
Concen: 57.300 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

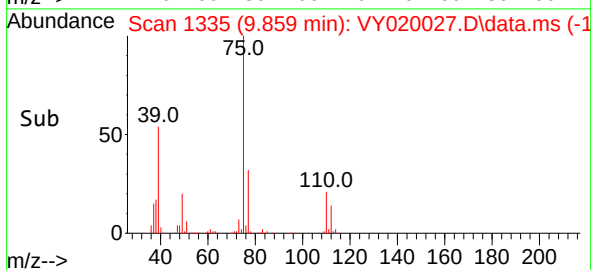
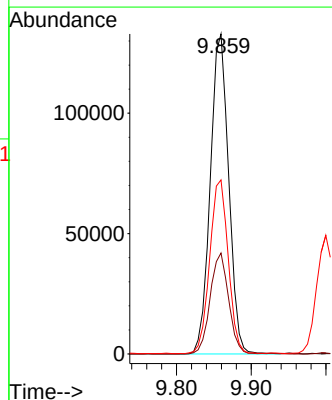
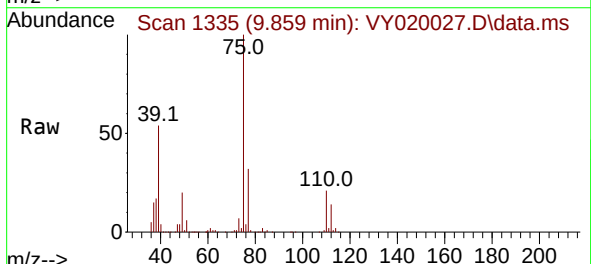
Instrument :
MSVOA_Y
ClientSampleId :

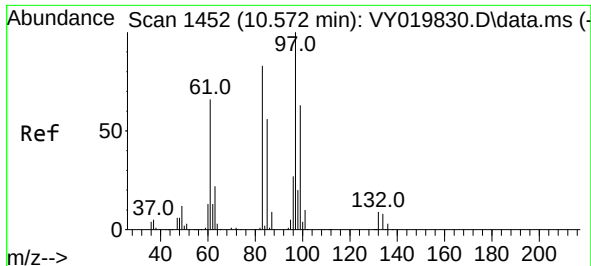
Tgt Ion: 75 Resp: 191826
Ion Ratio Lower Upper
75 100
77 33.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 57.414 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 75 Resp: 226797
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 54.2 29.8 44.6#

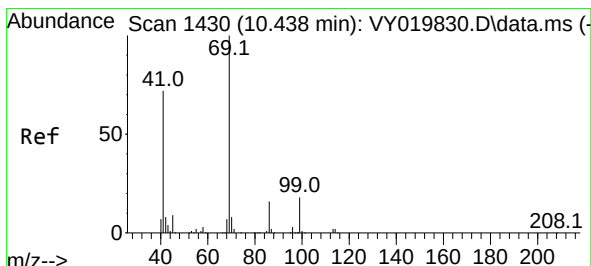
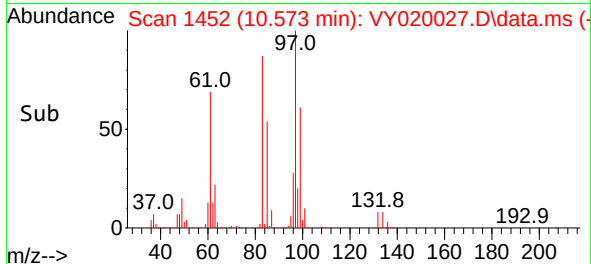
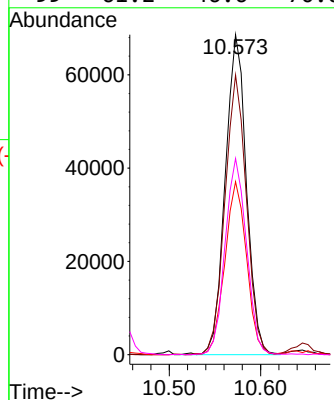
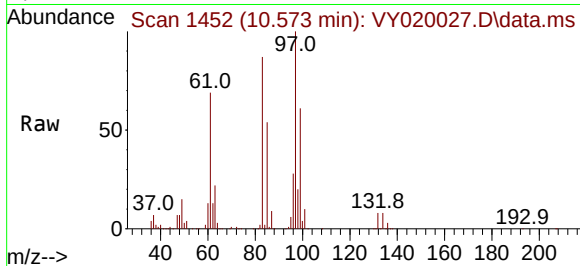




#55
1,1,2-Trichloroethane
Concen: 59.974 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

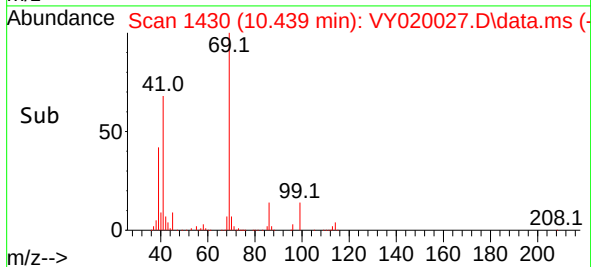
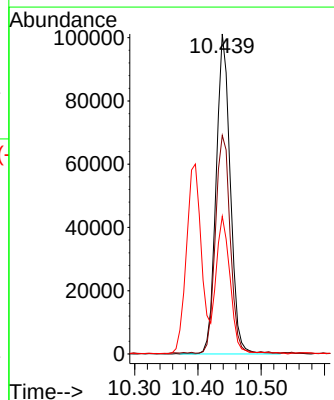
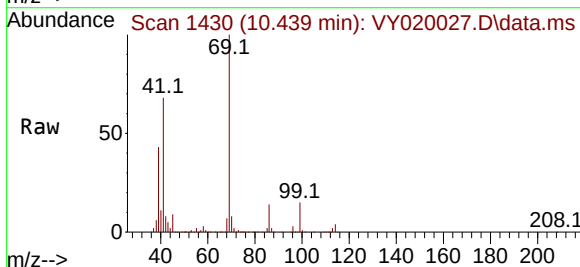
Instrument :
MSVOA_Y
ClientSampleId :

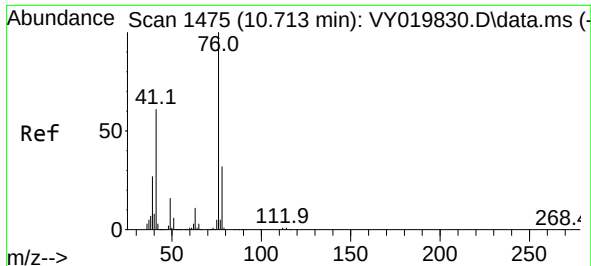
Tgt Ion: 97	Resp: 110762
Ion Ratio	Lower Upper
97 100	
83 87.3	67.5 101.3
85 53.9	42.9 64.3
99 61.2	46.6 70.0



#56
Ethyl methacrylate
Concen: 59.224 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 69	Resp: 156946
Ion Ratio	Lower Upper
69 100	
41 70.9	42.3 63.5#
39 41.1	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 58.694 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

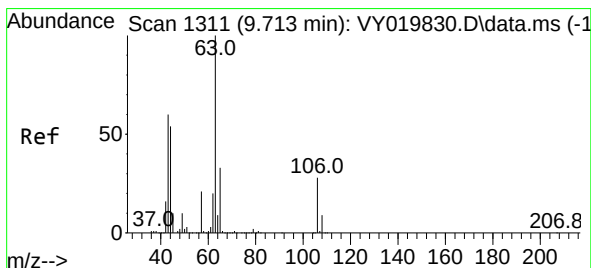
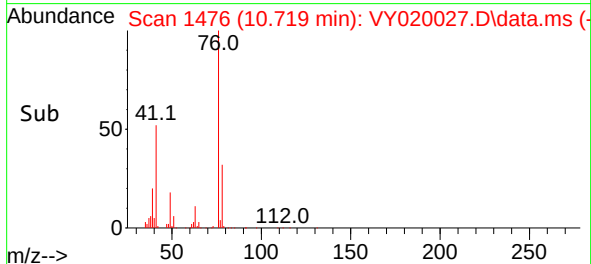
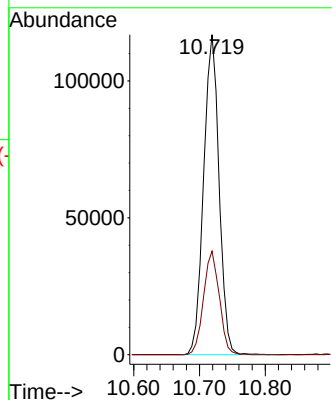
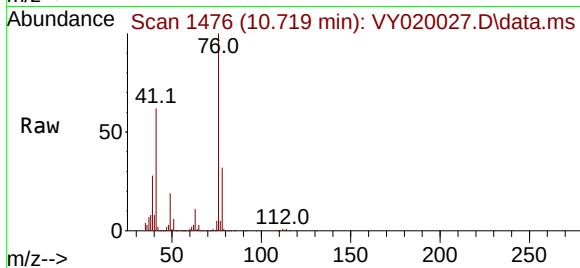
ClientSampleId :

Tgt Ion: 76 Resp: 190363

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 271.404 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020027.D

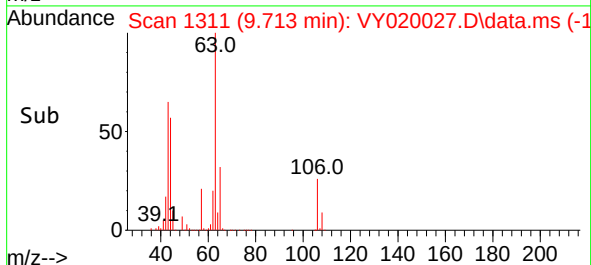
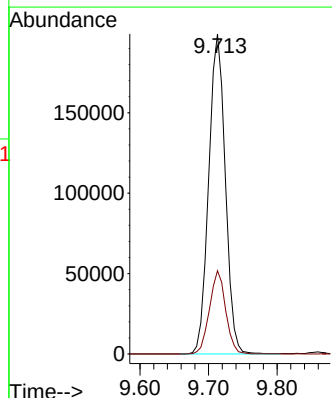
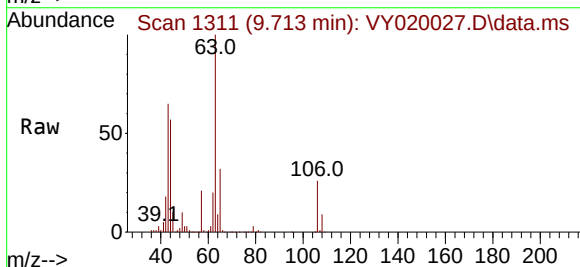
Acq: 25 Oct 2024 15:41

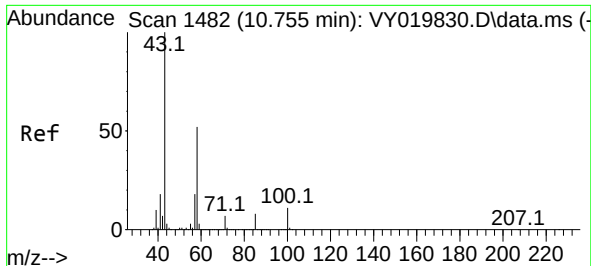
Tgt Ion: 63 Resp: 334823

Ion Ratio Lower Upper

63 100

106 25.3 23.7 35.5

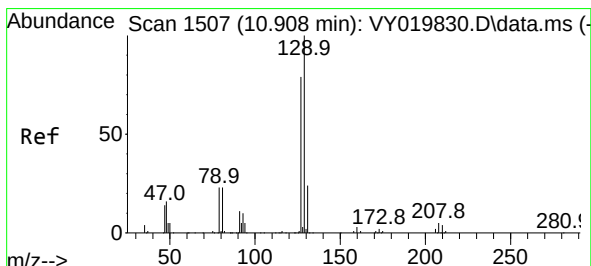
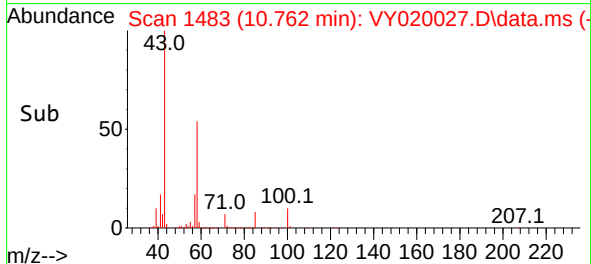
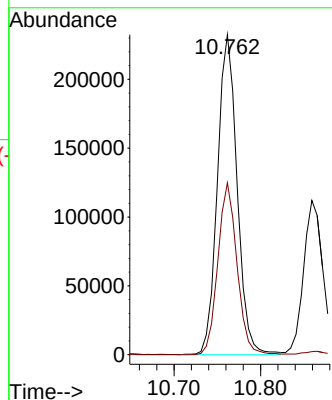
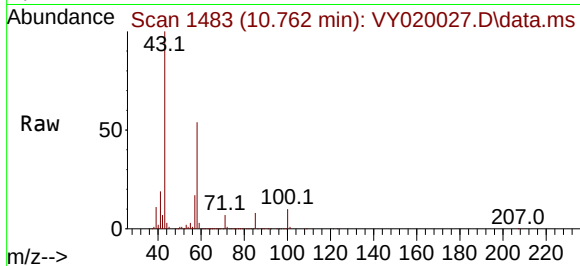




#59
2-Hexanone
Concen: 279.688 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

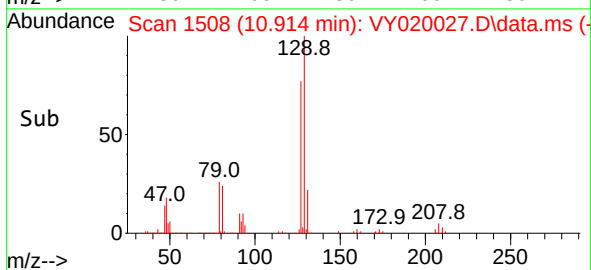
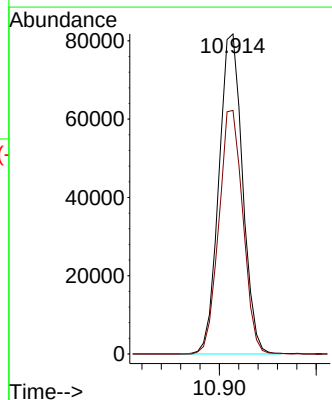
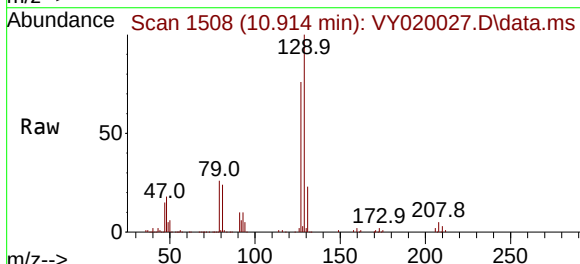
Instrument :
MSVOA_Y
ClientSampleId :

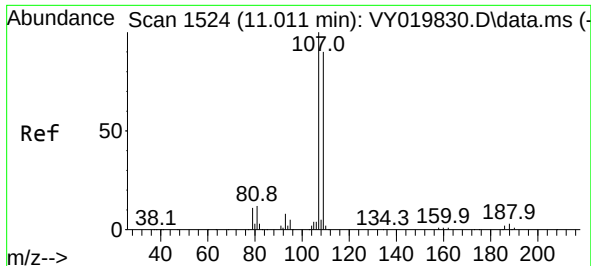
Tgt Ion: 43 Resp: 366997
Ion Ratio Lower Upper
43 100
58 52.2 31.4 94.0



#60
Dibromochloromethane
Concen: 58.663 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 129 Resp: 139059
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

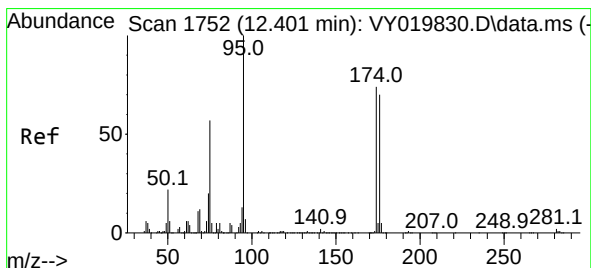
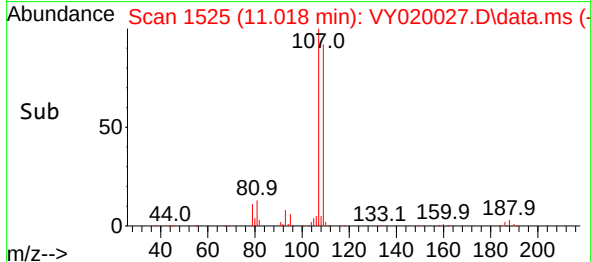
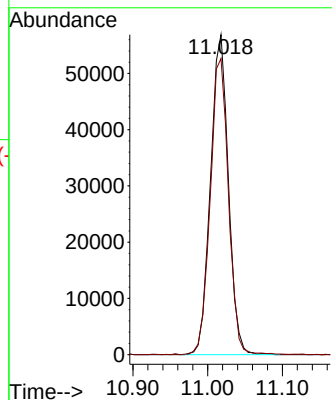
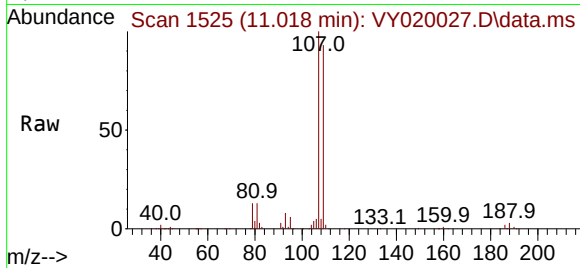




#61
1,2-Dibromoethane
Concen: 56.594 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

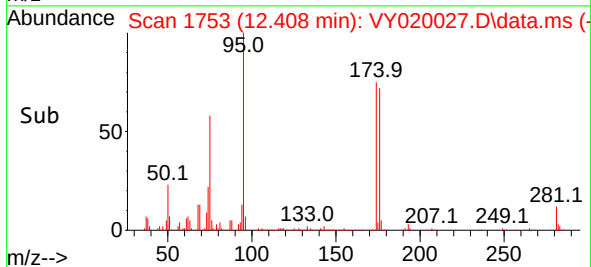
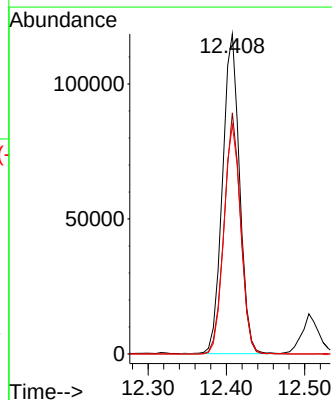
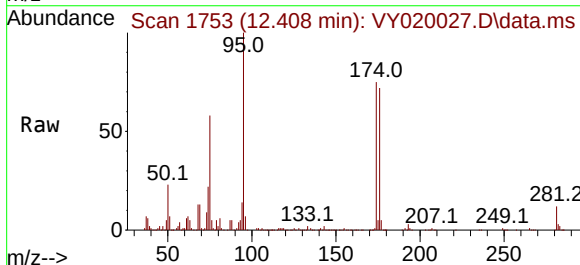
Instrument :
MSVOA_Y
ClientSampleId :

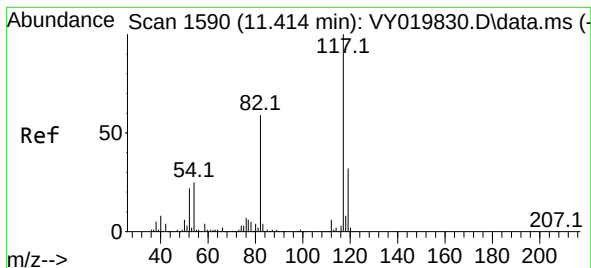
Tgt Ion:107 Resp: 94449
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.230 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 95 Resp: 179533
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 71.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

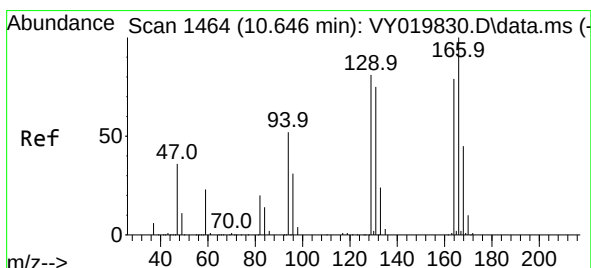
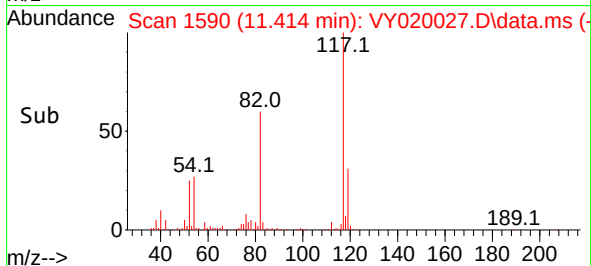
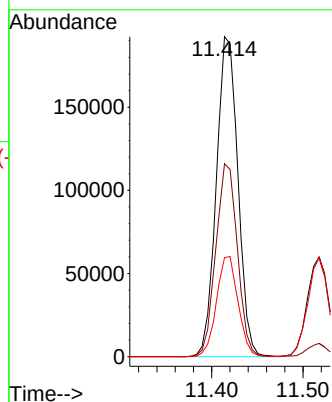
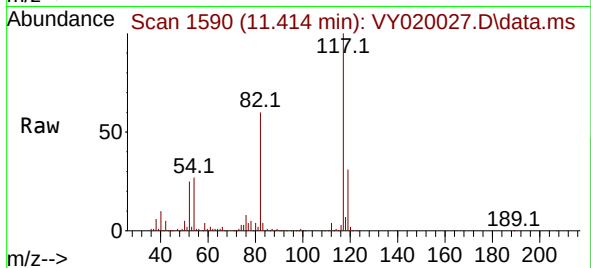
Tgt Ion:117 Resp: 316290

Ion Ratio Lower Upper

117 100

82 60.3 42.4 63.6

119 31.0 25.9 38.9



#64

Tetrachloroethene

Concen: 51.352 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Tgt Ion:164 Resp: 115529

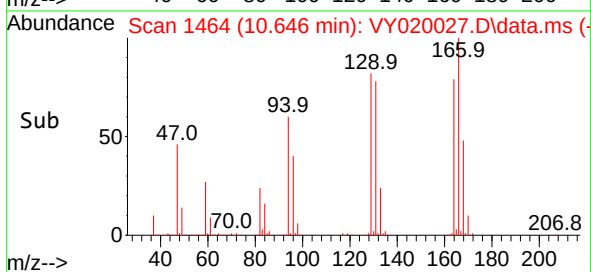
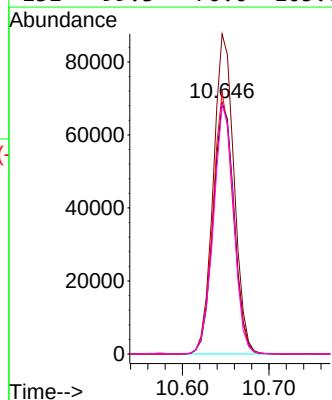
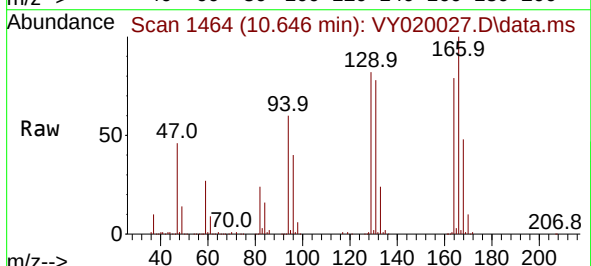
Ion Ratio Lower Upper

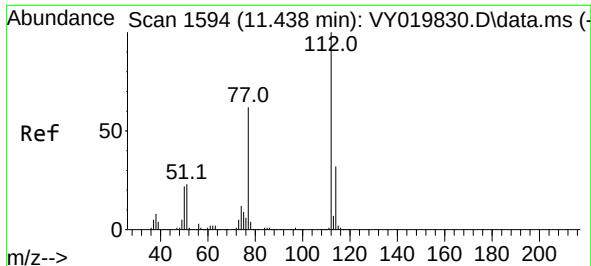
164 100

166 127.3 102.6 154.0

129 104.1 72.0 108.0

131 99.3 70.0 105.0

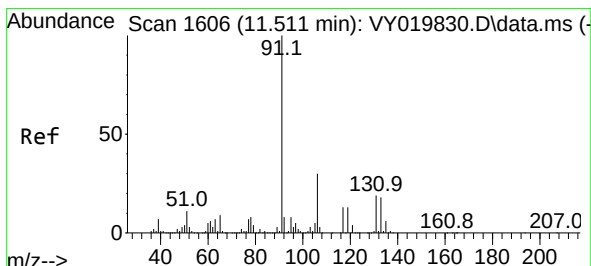
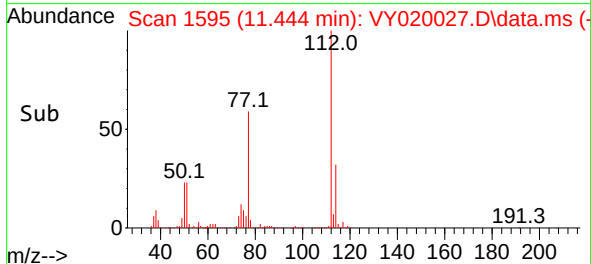
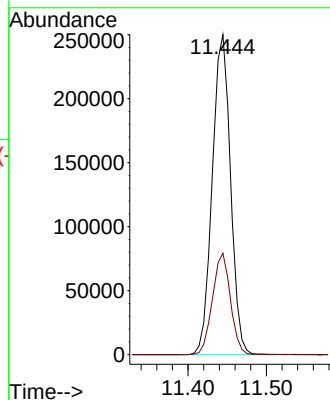
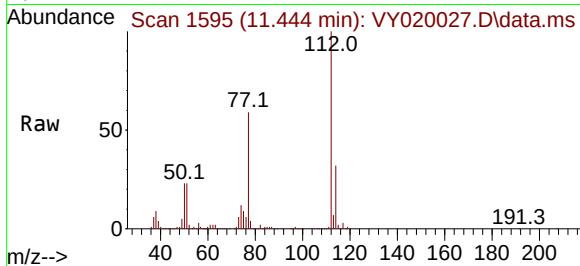




#65
Chlorobenzene
Concen: 55.873 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

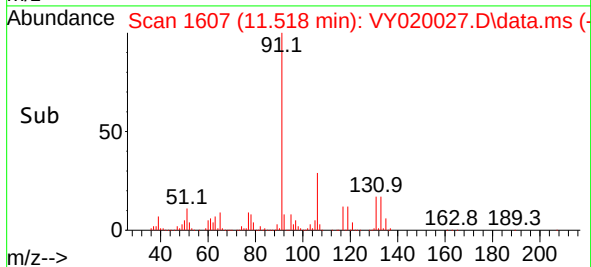
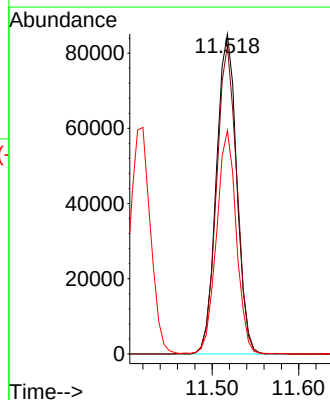
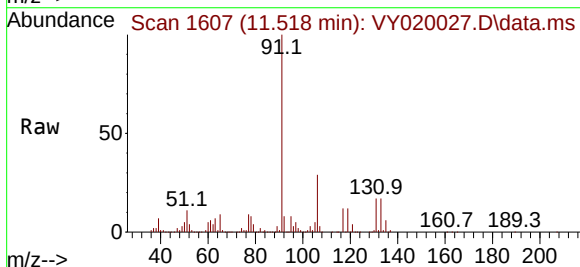
Instrument :
MSVOA_Y
ClientSampleId :

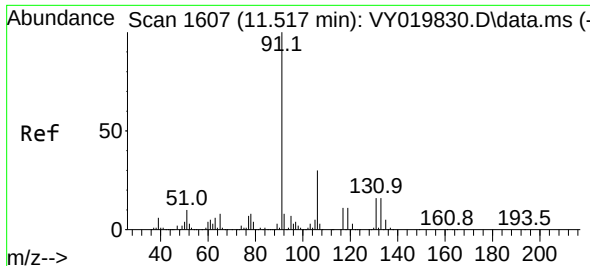
Tgt Ion:112 Resp: 404203
Ion Ratio Lower Upper
112 100
114 31.7 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.498 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion:131 Resp: 138285
Ion Ratio Lower Upper
131 100
133 96.1 47.8 143.3
119 68.1 34.1 102.2

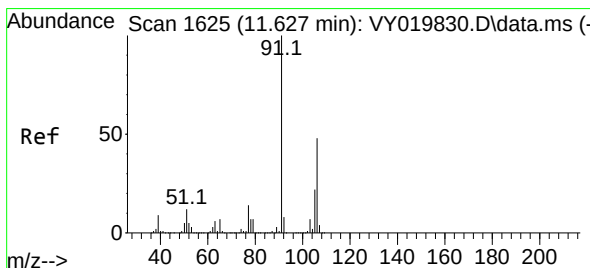
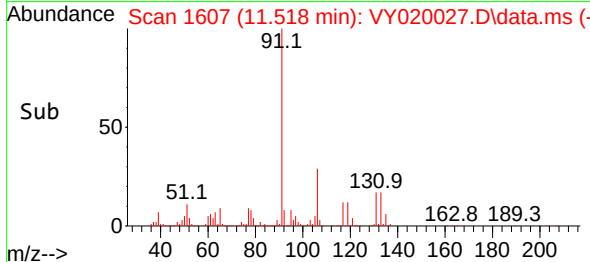
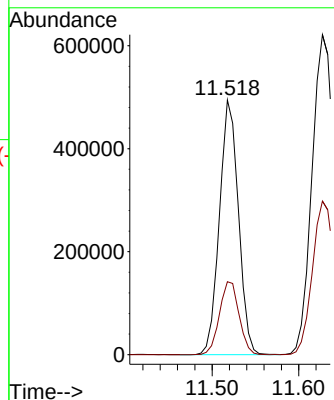
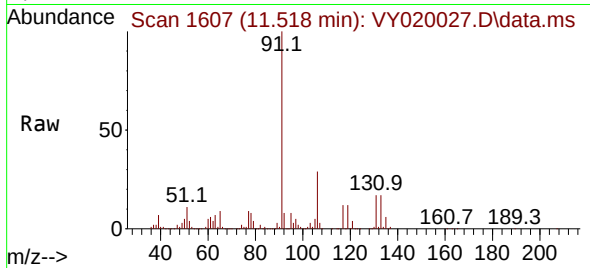




#67
Ethyl Benzene
Concen: 57.301 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

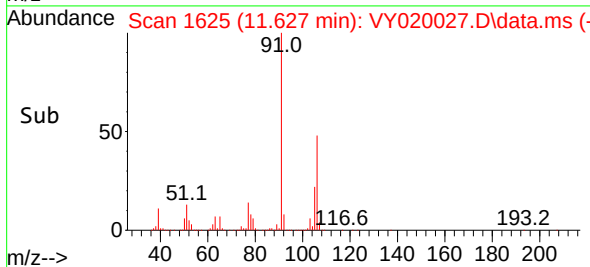
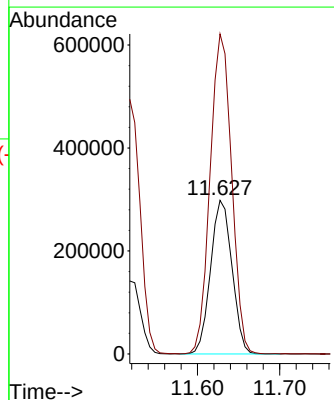
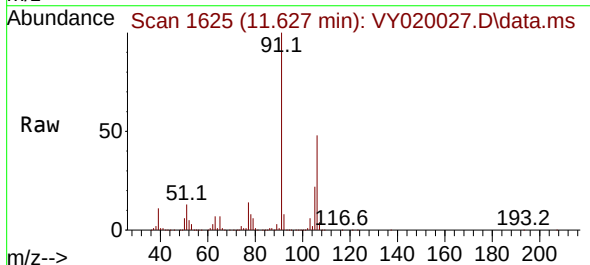
Instrument :
MSVOA_Y
ClientSampleId :

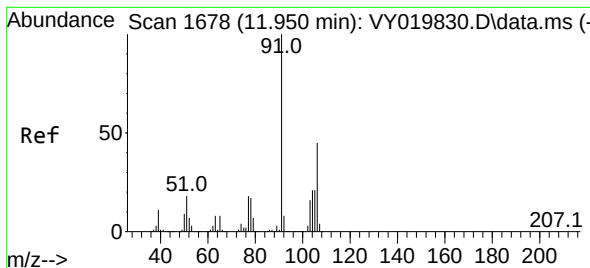
Tgt Ion: 91 Resp: 753020
Ion Ratio Lower Upper
91 100
106 28.7 24.5 36.7



#68
m/p-Xylenes
Concen: 111.270 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion:106 Resp: 540040
Ion Ratio Lower Upper
106 100
91 209.1 156.0 234.0





#69

o-Xylene

Concen: 56.730 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

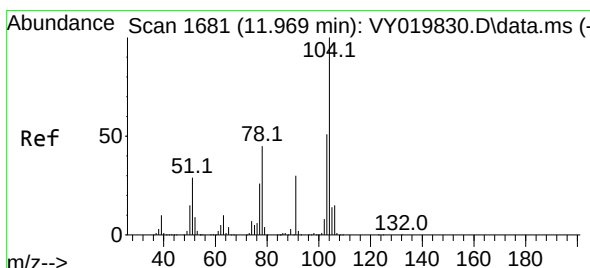
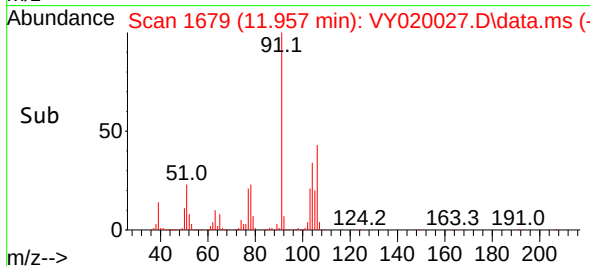
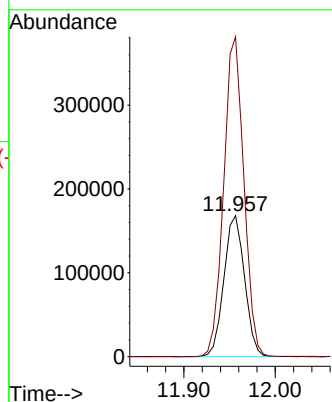
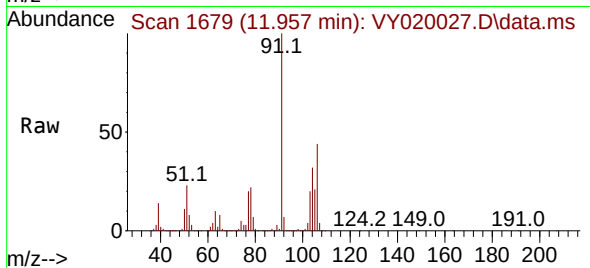
ClientSampleId :

Tgt Ion:106 Resp: 264542

Ion Ratio Lower Upper

106 100

91 221.7 103.6 310.8



#70

Styrene

Concen: 58.252 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

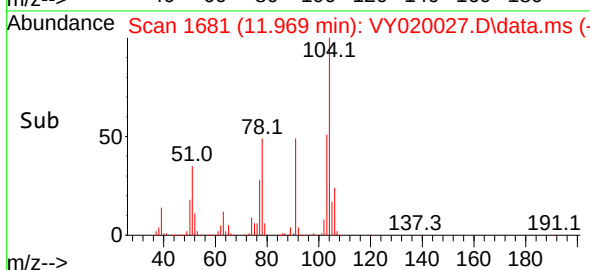
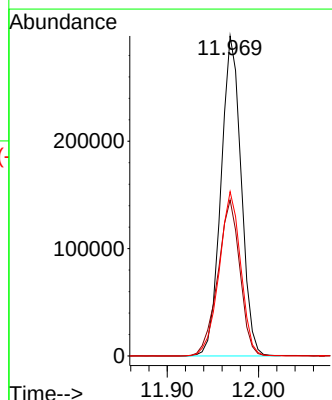
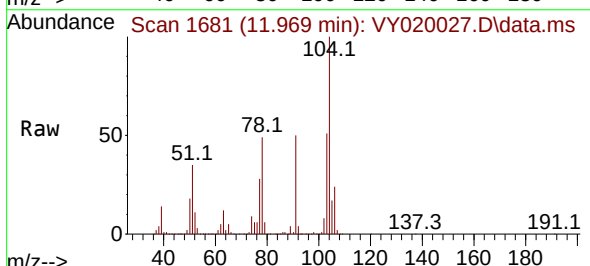
Tgt Ion:104 Resp: 458296

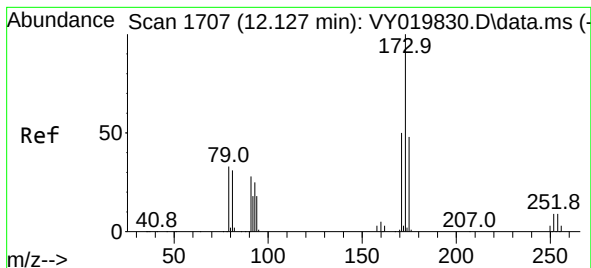
Ion Ratio Lower Upper

104 100

78 53.0 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 55.354 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020027.D

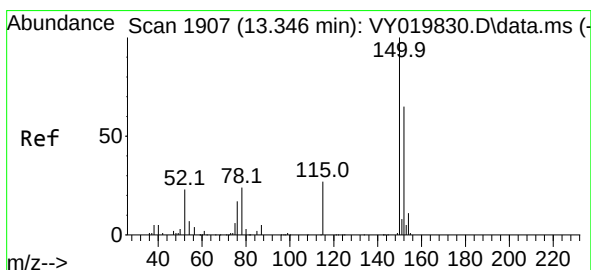
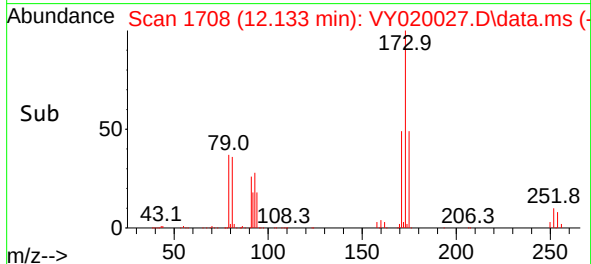
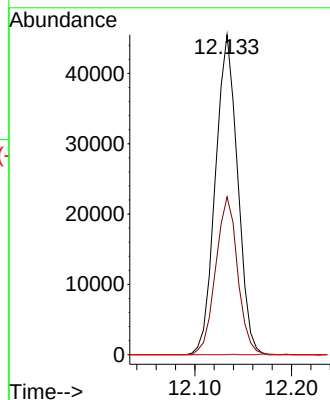
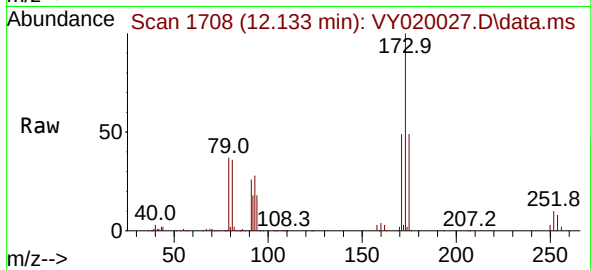
Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 72530
 Ion Ratio Lower Upper
 173 100
 175 48.6 25.1 75.3
 254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

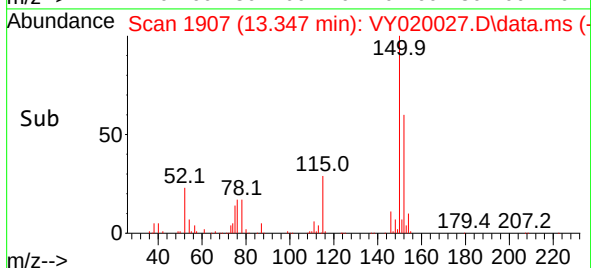
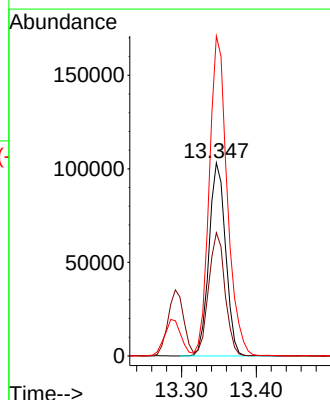
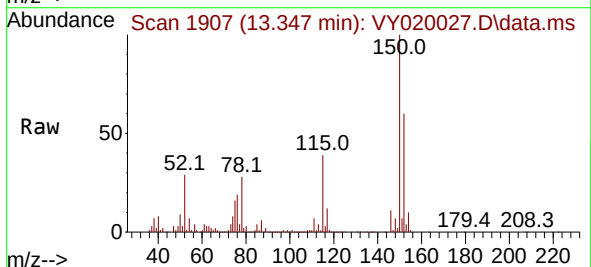
RT: 13.347 min Scan# 1907

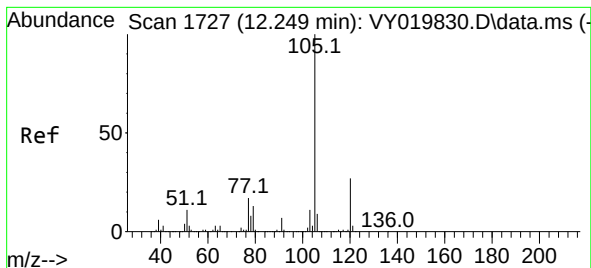
Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Tgt Ion:152 Resp: 158937
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.2 84.7
 150 179.3 0.0 345.6





#73

Isopropylbenzene

Concen: 53.876 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

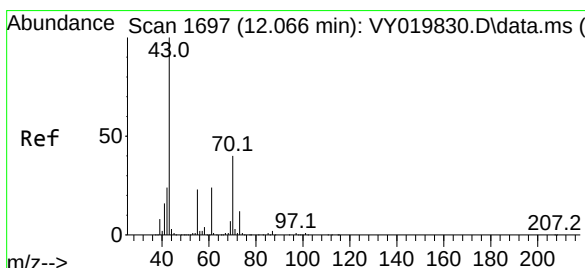
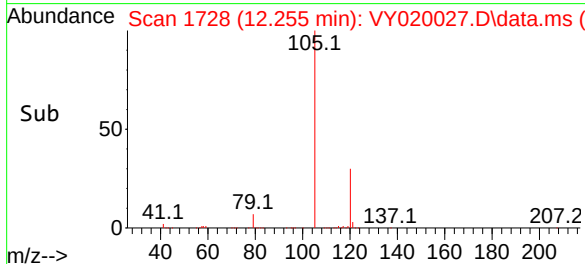
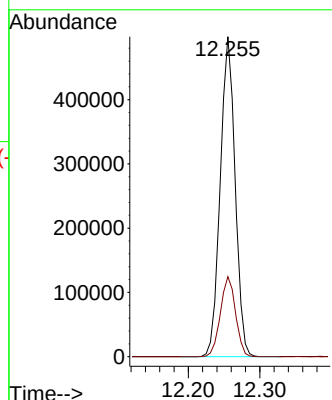
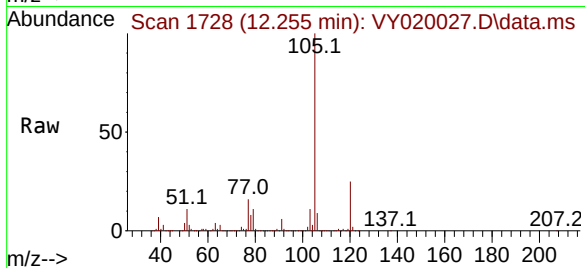
ClientSampleId :

Tgt Ion:105 Resp: 720249

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-ethyl acetate

Concen: 53.058 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Tgt Ion: 43 Resp: 187867

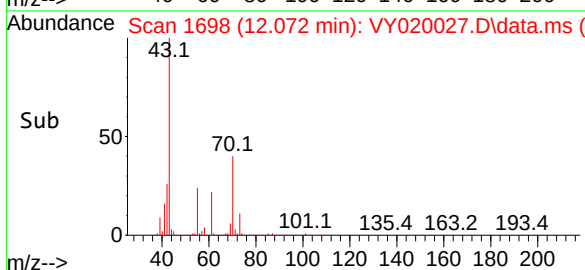
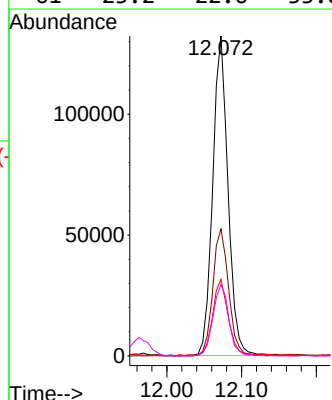
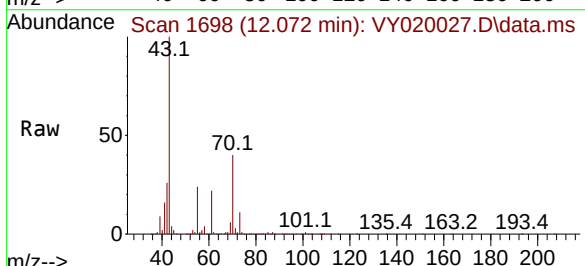
Ion Ratio Lower Upper

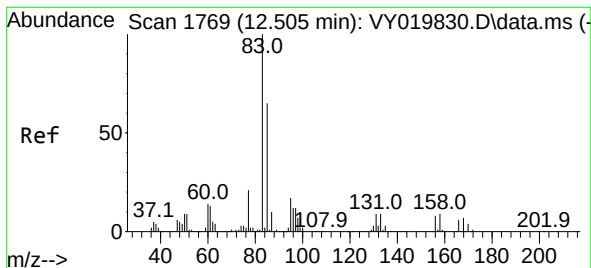
43 100

70 41.4 41.4 62.2#

55 23.8 23.3 34.9

61 23.2 22.6 33.8

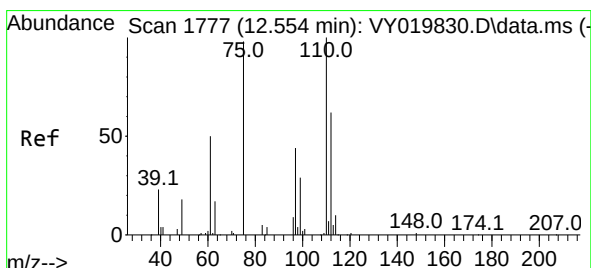
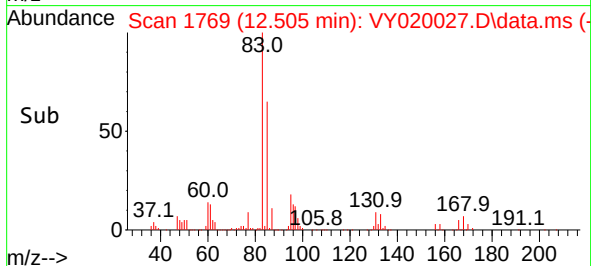
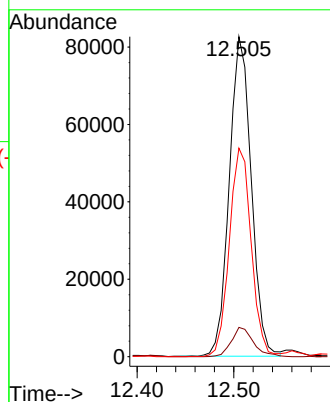
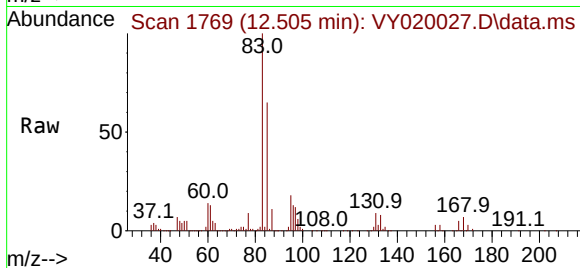




#75
1,1,2,2-Tetrachloroethane
Concen: 54.903 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

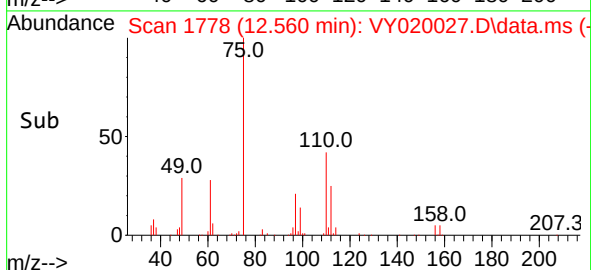
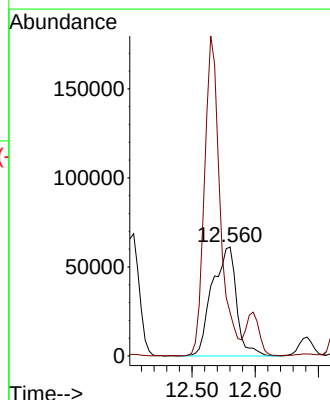
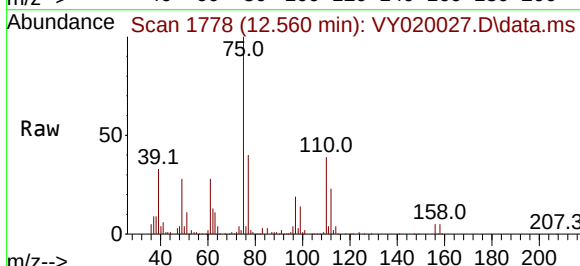
Instrument :
MSVOA_Y
ClientSampleId :

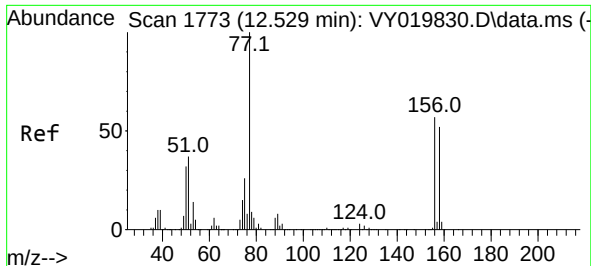
Tgt Ion: 83 Resp: 130419
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 64.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 52.378 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 75 Resp: 163083
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

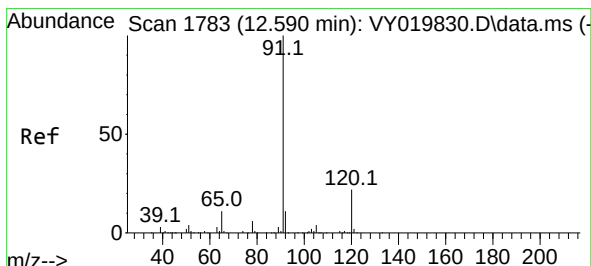
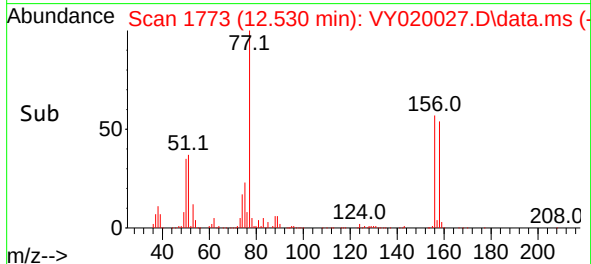
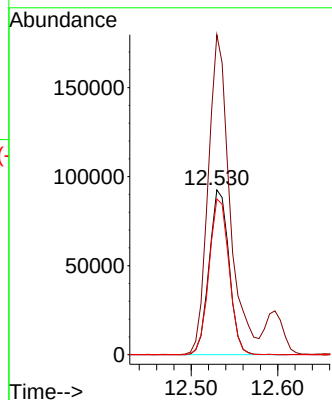
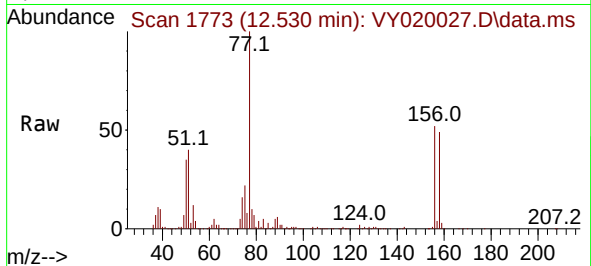




#77
Bromobenzene
Concen: 51.876 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

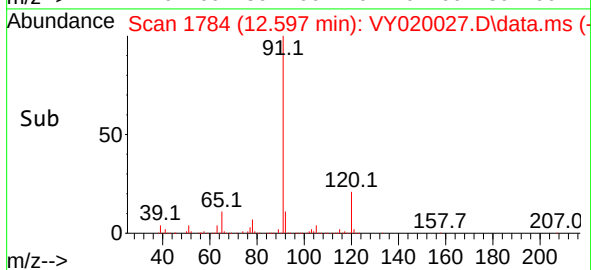
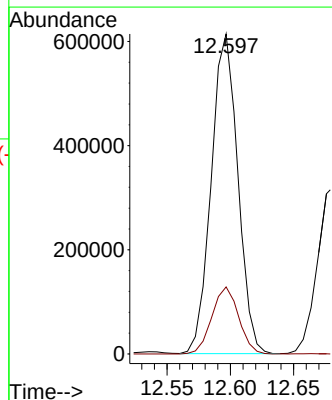
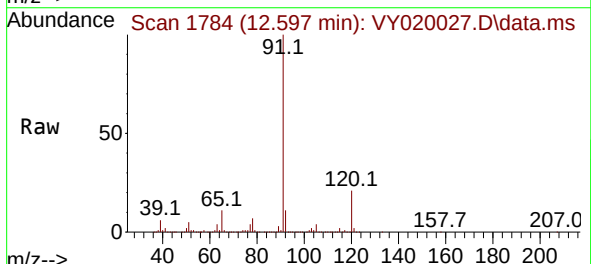
Instrument :
MSVOA_Y
ClientSampleId :

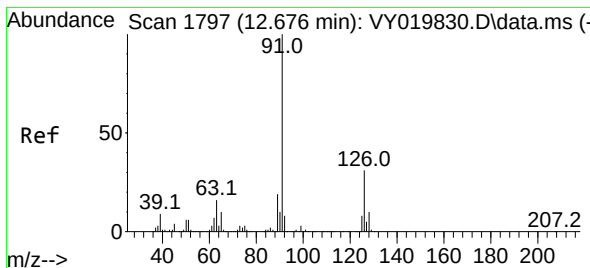
Tgt Ion:156 Resp: 147167
Ion Ratio Lower Upper
156 100
77 211.9 87.1 261.3
158 95.5 48.6 145.9



#78
n-propylbenzene
Concen: 55.513 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion: 91 Resp: 896737
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.351 ug/l

RT: 12.682 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

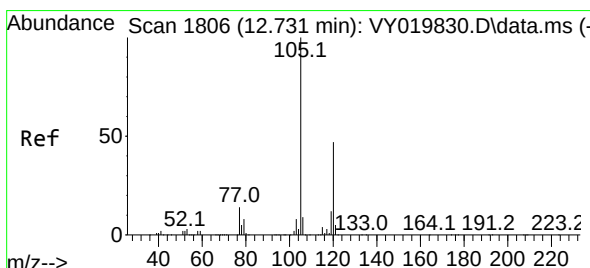
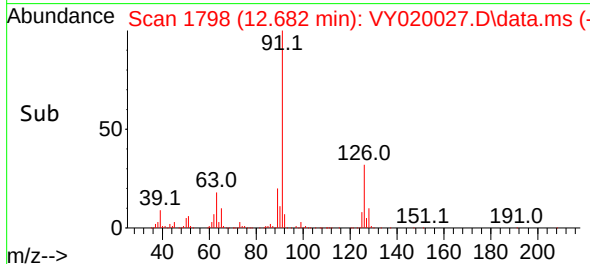
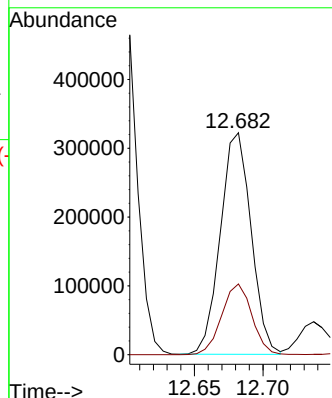
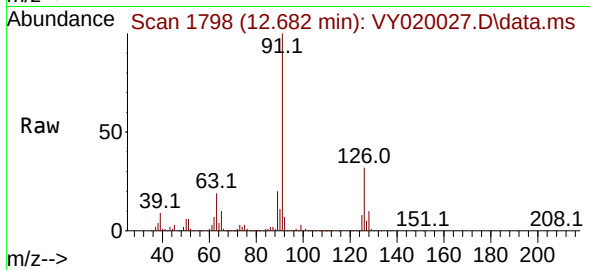
ClientSampleId :

Tgt Ion: 91 Resp: 503336

Ion Ratio Lower Upper

91 100

126 31.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.551 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020027.D

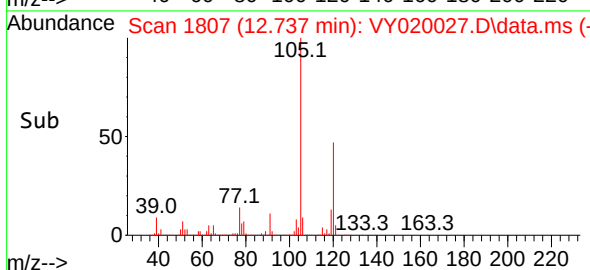
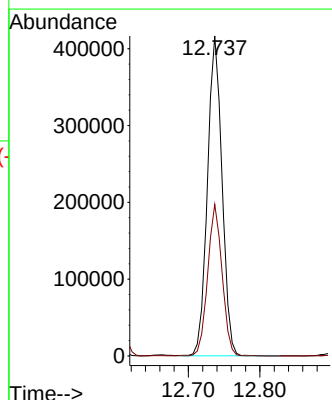
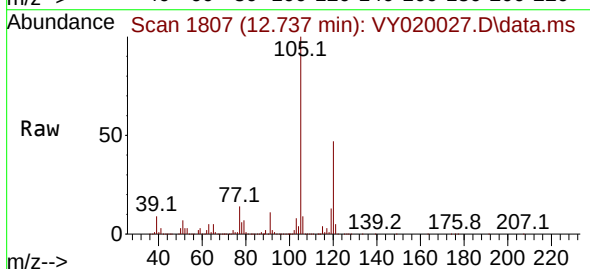
Acq: 25 Oct 2024 15:41

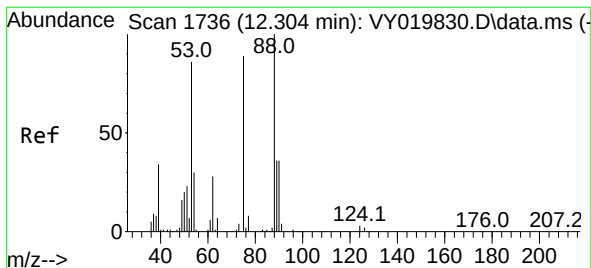
Tgt Ion:105 Resp: 588959

Ion Ratio Lower Upper

105 100

120 46.7 25.1 75.2

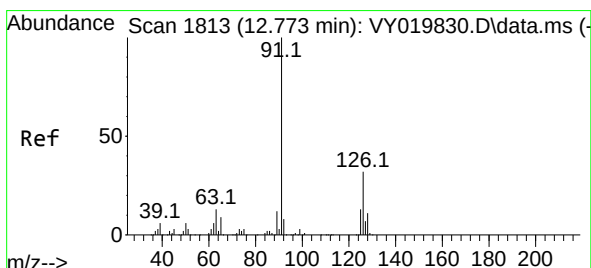
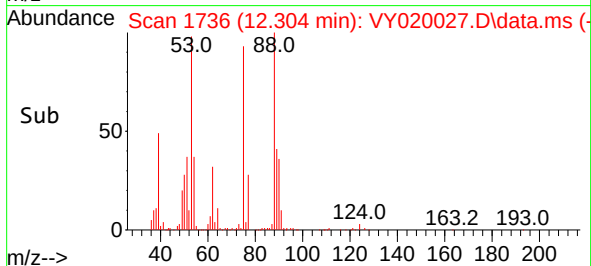
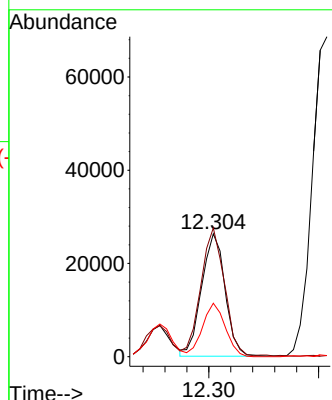
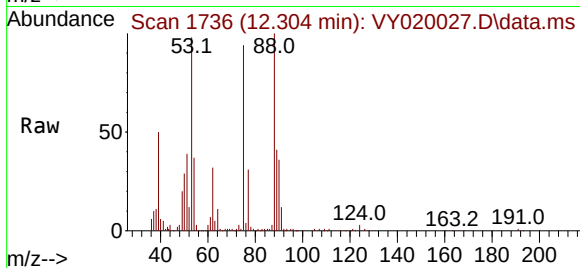




#81
trans-1,4-Dichloro-2-butene
Concen: 50.577 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

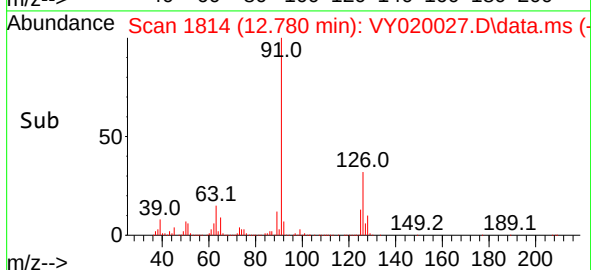
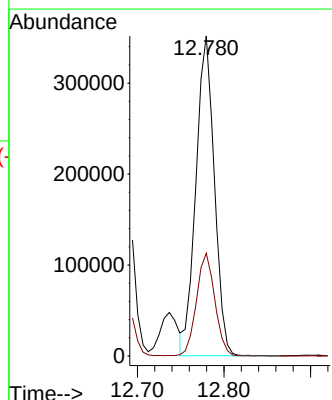
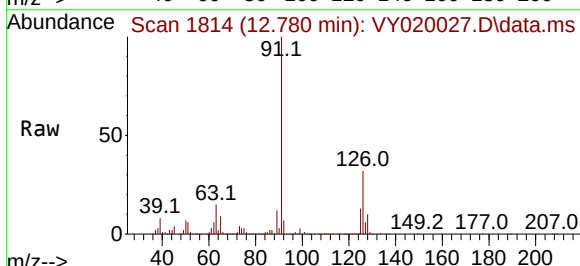
Instrument :
MSVOA_Y
ClientSampleId :

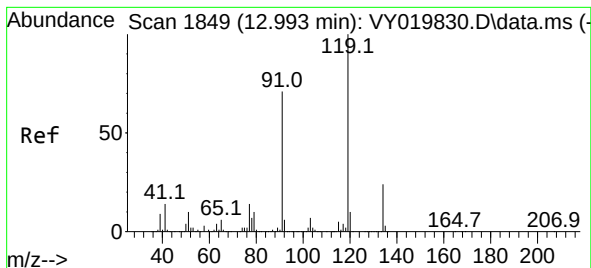
Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.9	66.8	100.2#
89	42.4	35.8	53.6



#82
4-Chlorotoluene
Concen: 54.871 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020027.D
Acq: 25 Oct 2024 15:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	17.6	52.9





#83

tert-Butylbenzene

Concen: 55.173 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

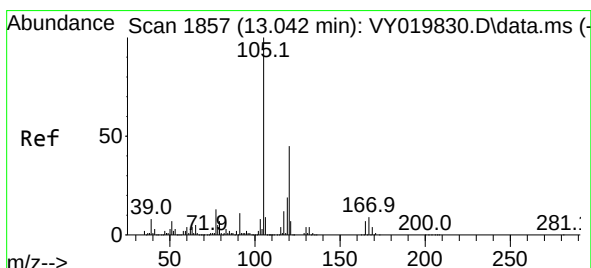
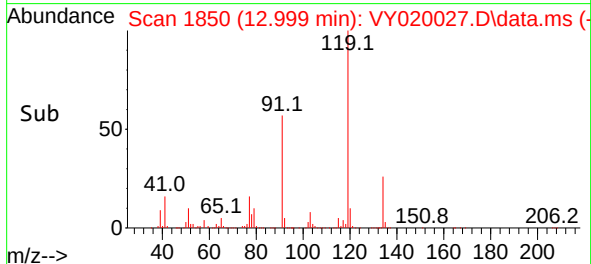
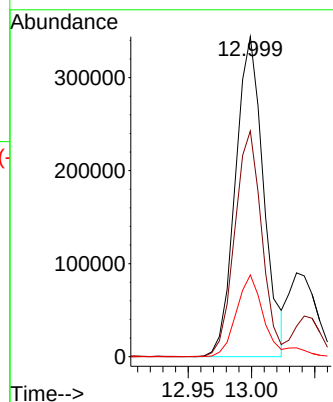
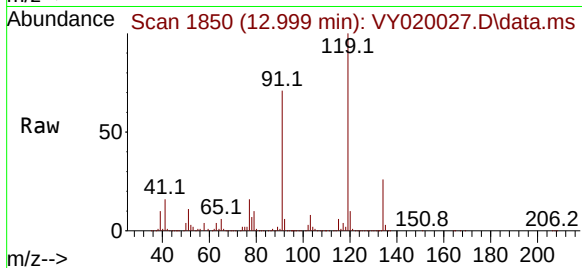
Tgt Ion:119 Resp: 533629

Ion Ratio Lower Upper

119 100

91 67.6 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.844 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020027.D

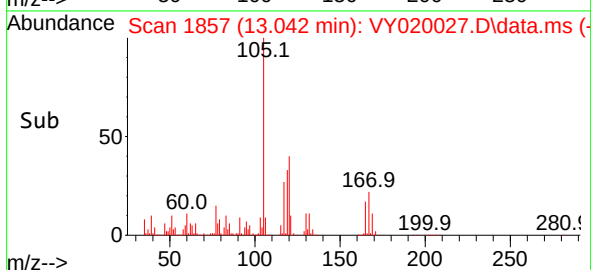
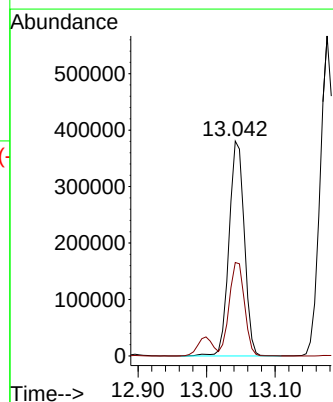
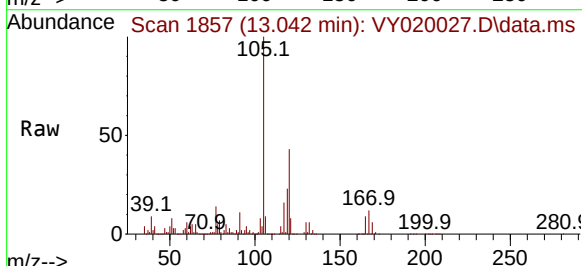
Acq: 25 Oct 2024 15:41

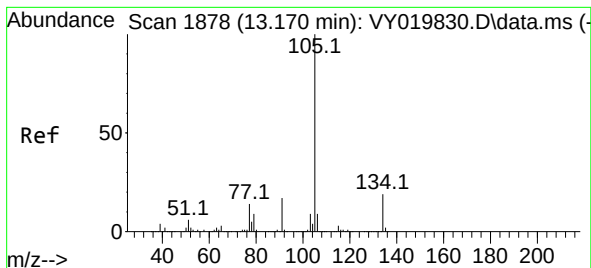
Tgt Ion:105 Resp: 587056

Ion Ratio Lower Upper

105 100

120 43.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 56.140 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

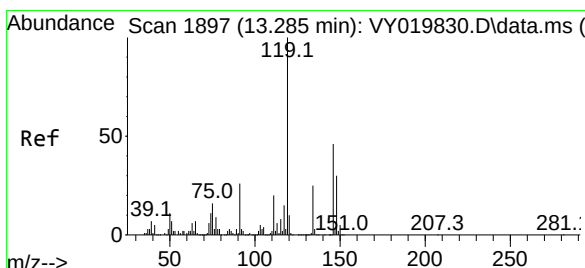
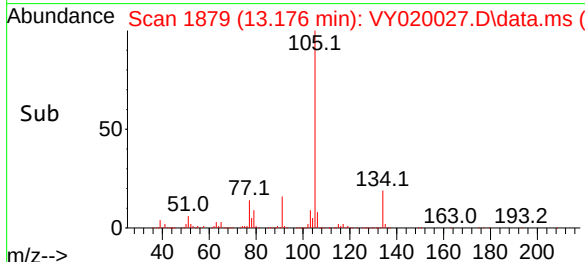
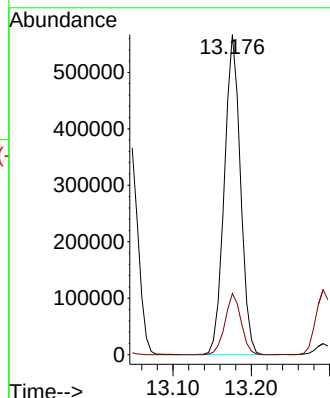
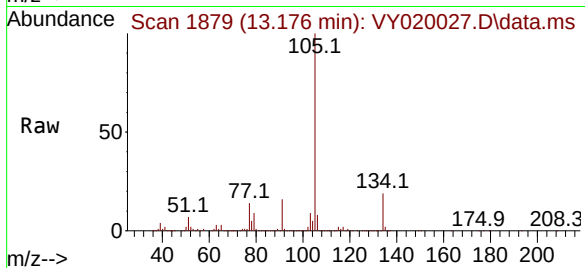
ClientSampleId :

Tgt Ion:105 Resp: 811260

Ion Ratio Lower Upper

105 100

134 19.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.638 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

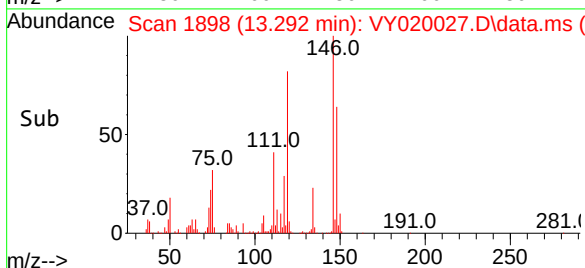
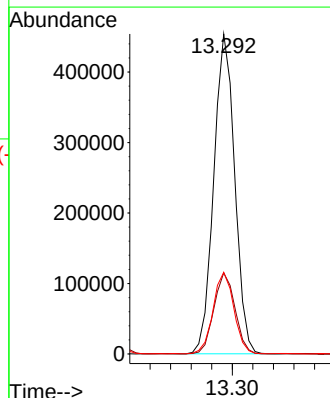
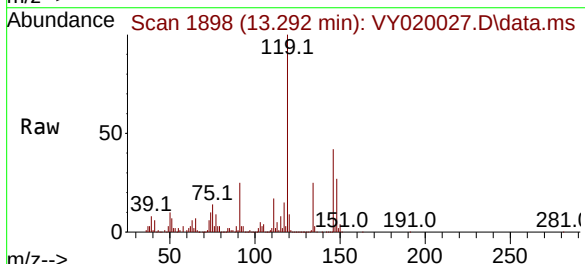
Tgt Ion:119 Resp: 641142

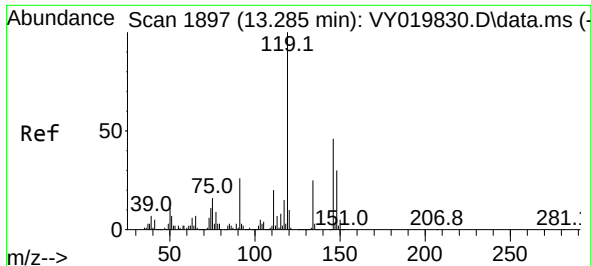
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.3

91 25.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 53.744 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

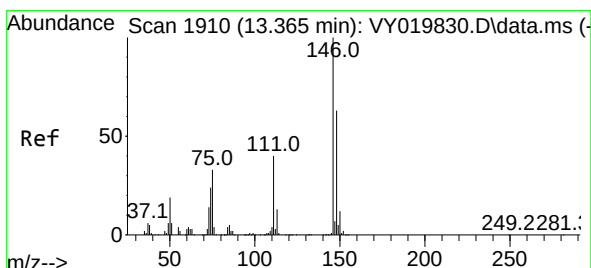
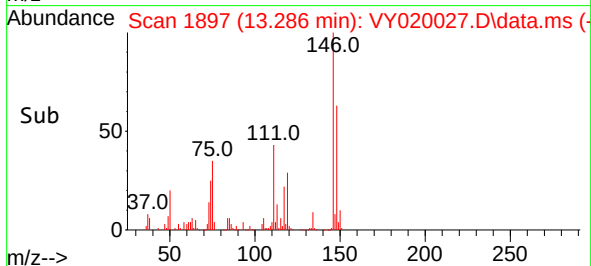
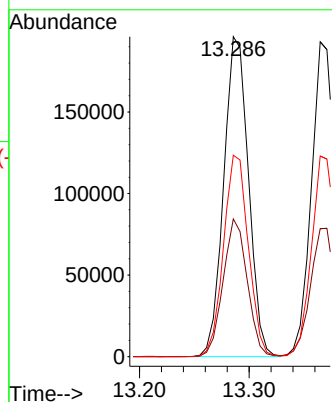
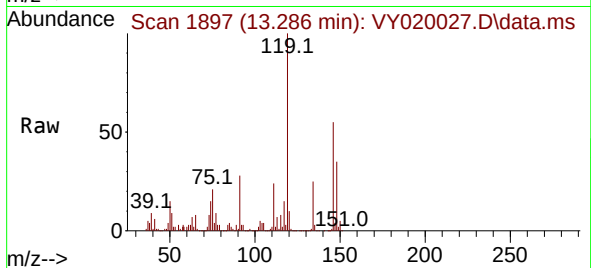
Tgt Ion:146 Resp: 307901

Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

148 63.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.568 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

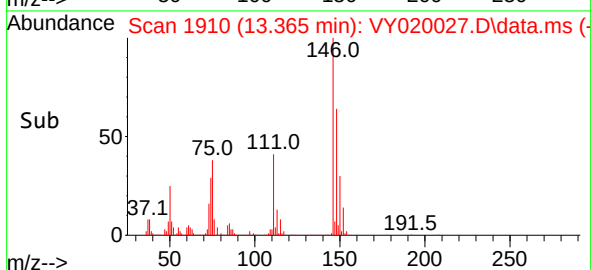
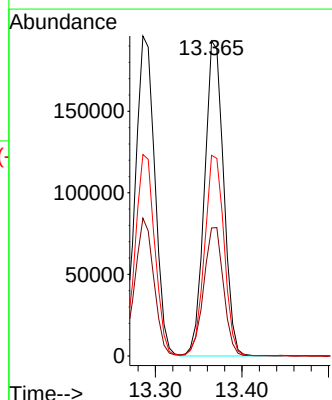
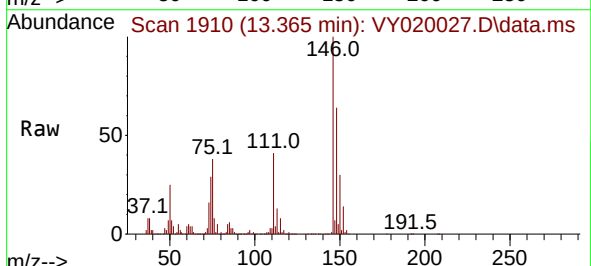
Tgt Ion:146 Resp: 295866

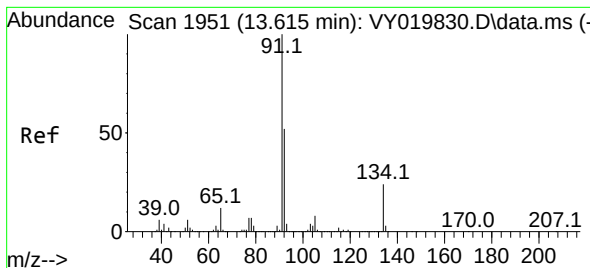
Ion Ratio Lower Upper

146 100

111 42.1 18.4 55.4

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 56.968 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

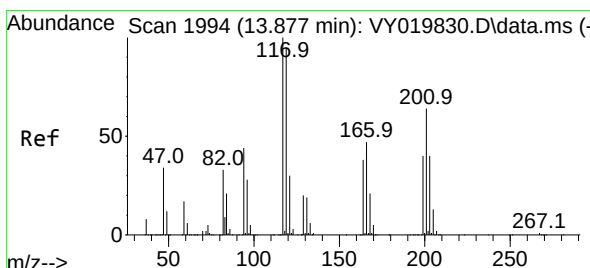
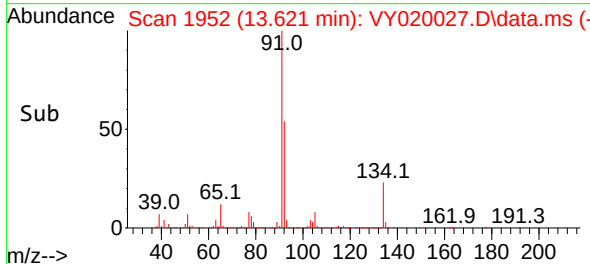
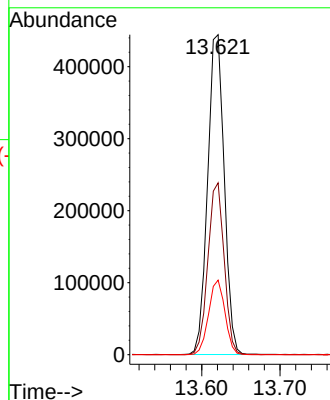
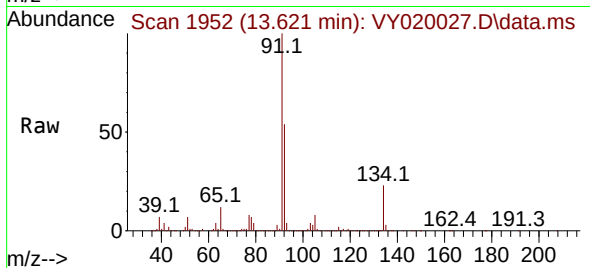
Tgt Ion: 91 Resp: 652736

Ion Ratio Lower Upper

91 100

92 52.6 26.6 79.7

134 23.1 12.9 38.7



#90

Hexachloroethane

Concen: 56.071 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020027.D

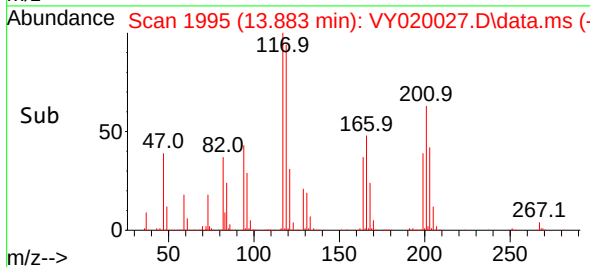
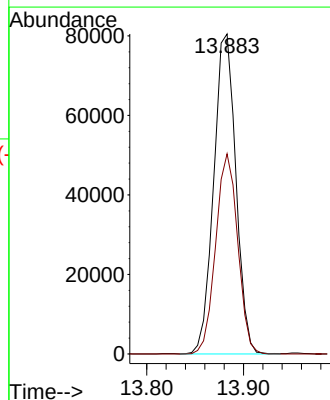
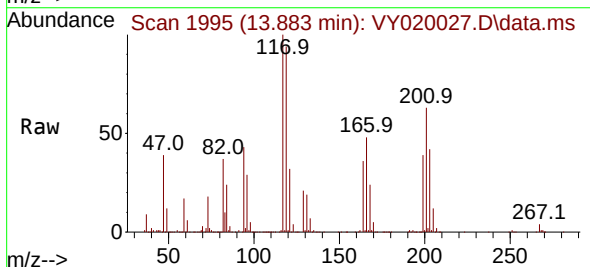
Acq: 25 Oct 2024 15:41

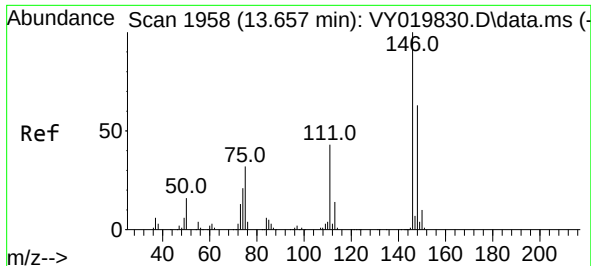
Tgt Ion: 117 Resp: 128118

Ion Ratio Lower Upper

117 100

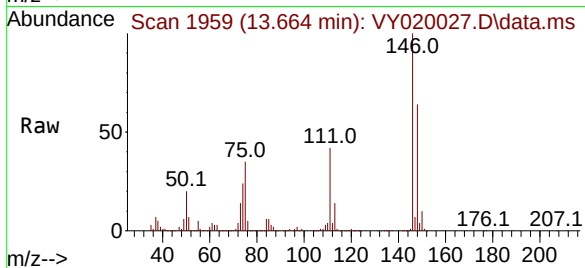
201 61.9 37.4 112.2



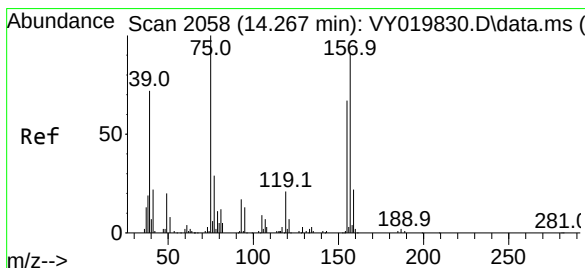
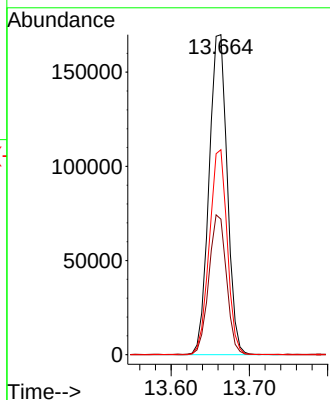
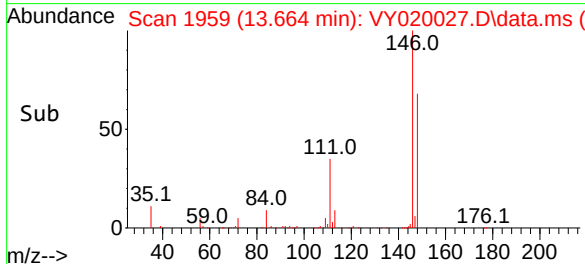


#91
 1,2-Dichlorobenzene
 Concen: 54.243 ug/l
 RT: 13.664 min Scan# 1959
 Delta R.T. 0.007 min
 Lab File: VY020027.D
 Acq: 25 Oct 2024 15:41

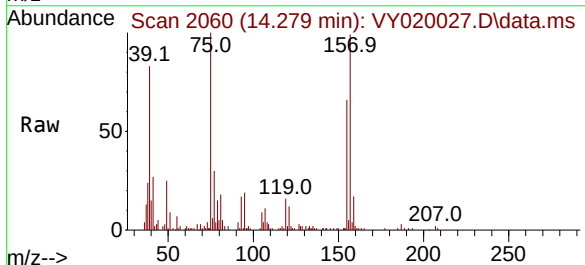
Instrument :
 MSVOA_Y
 ClientSampleId :



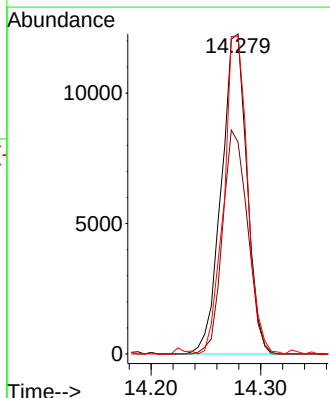
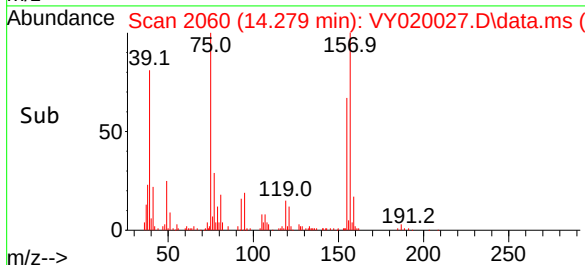
Tgt Ion:146 Resp: 273052
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.9 59.7
 148 63.0 31.8 95.4

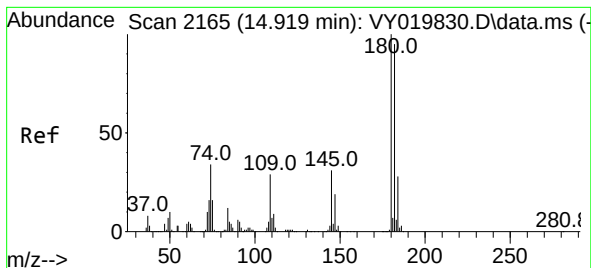


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.344 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.007 min
 Lab File: VY020027.D
 Acq: 25 Oct 2024 15:41



Tgt Ion: 75 Resp: 19844
 Ion Ratio Lower Upper
 75 100
 155 68.6 48.6 145.8
 157 92.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 52.482 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

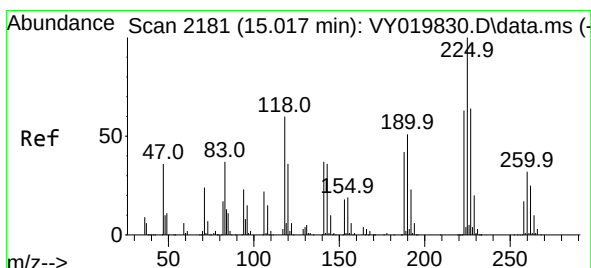
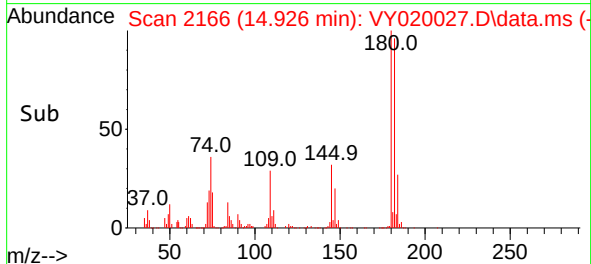
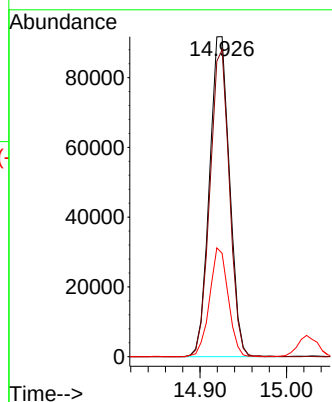
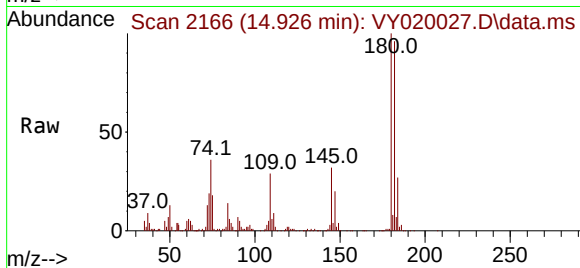
Tgt Ion:180 Resp: 148137

Ion Ratio Lower Upper

180 100

182 92.9 47.9 143.8

145 31.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.161 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

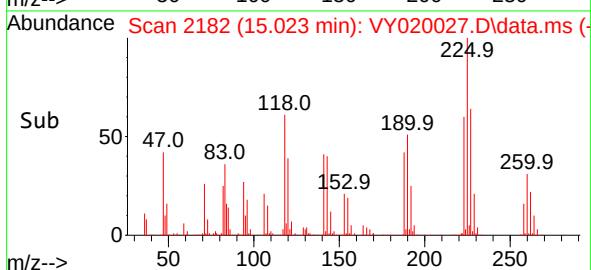
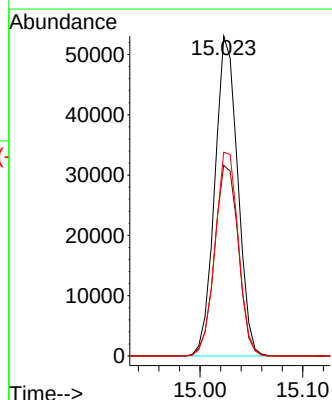
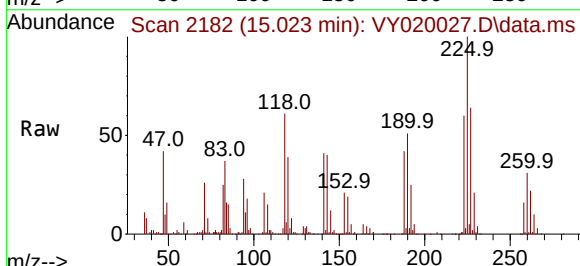
Tgt Ion:225 Resp: 81855

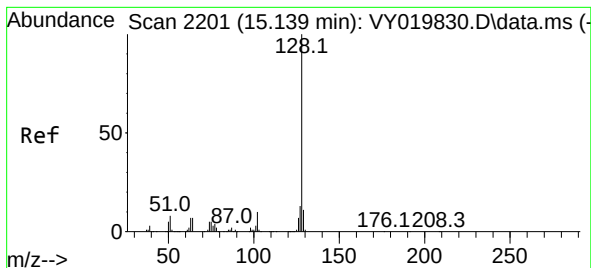
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 64.8 31.9 95.9





#95

Naphthalene

Concen: 54.829 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Instrument :

MSVOA_Y

ClientSampleId :

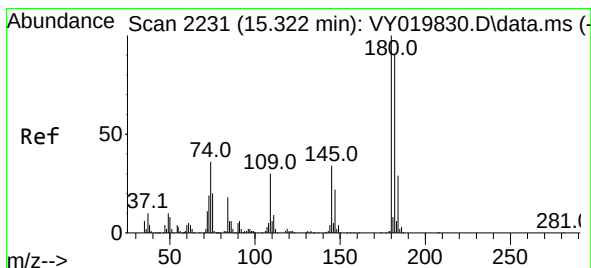
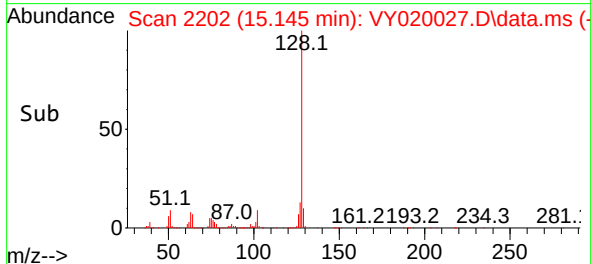
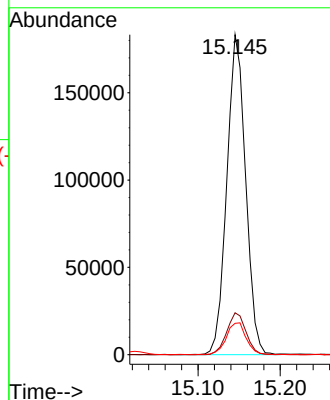
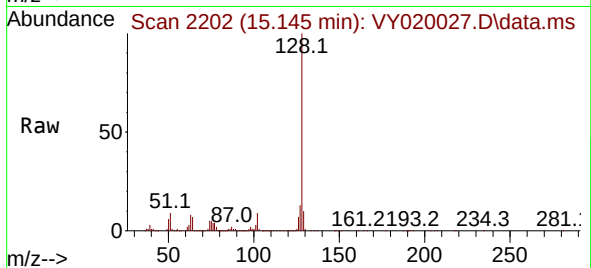
Tgt Ion:128 Resp: 291893

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.669 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.007 min

Lab File: VY020027.D

Acq: 25 Oct 2024 15:41

Tgt Ion:180 Resp: 125671

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 35.4 15.4 46.1

