

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110624\
 Data File : VY020174.D
 Acq On : 06 Nov 2024 11:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 00:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	230428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	404198	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	172006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	159881	55.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.180%
35) Dibromofluoromethane	7.634	113	143899	55.995	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.980%
50) Toluene-d8	10.109	98	569440	55.667	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.340%
62) 4-Bromofluorobenzene	12.408	95	191843	57.739	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	115.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	98409	46.136	ug/l	100
3) Chloromethane	2.068	50	195101	55.220	ug/l	99
4) Vinyl Chloride	2.208	62	204593	53.940	ug/l	97
5) Bromomethane	2.599	94	129702	51.505	ug/l	96
6) Chloroethane	2.739	64	128500	52.495	ug/l	97
7) Trichlorofluoromethane	3.062	101	242692	52.377	ug/l	96
8) Diethyl Ether	3.458	74	72553	56.141	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.818	101	135879	52.283	ug/l	91
10) Methyl Iodide	4.007	142	132739	52.902	ug/l	# 89
11) Tert butyl alcohol	4.873	59	48541	234.651	ug/l	# 92
12) 1,1-Dichloroethene	3.793	96	129072	51.907	ug/l	# 75
13) Acrolein	3.653	56	48104	186.802	ug/l	96
14) Allyl chloride	4.385	41	245301	54.678	ug/l	# 89
15) Acrylonitrile	5.062	53	171295	291.182	ug/l	97
16) Acetone	3.873	43	199856	298.826	ug/l	# 83
17) Carbon Disulfide	4.110	76	421290	50.910	ug/l	98
18) Methyl Acetate	4.391	43	88378	56.321	ug/l	# 89
19) Methyl tert-butyl Ether	5.116	73	359913	57.532	ug/l	96
20) Methylene Chloride	4.623	84	146201	48.662	ug/l	# 79
21) trans-1,2-Dichloroethene	5.116	96	148383	52.912	ug/l	# 84
22) Diisopropyl ether	6.025	45	524371	56.324	ug/l	# 91
23) Vinyl Acetate	5.964	43	1535359	293.044	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	292120	54.189	ug/l	96
25) 2-Butanone	6.897	43	264054	291.261	ug/l	# 84
26) 2,2-Dichloropropane	6.890	77	242303	54.021	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	176275	54.681	ug/l	83
28) Bromochloromethane	7.244	49	142863	56.596	ug/l	# 73
29) Tetrahydrofuran	7.268	42	152273	291.044	ug/l	# 83
30) Chloroform	7.421	83	295374	55.216	ug/l	98
31) Cyclohexane	7.701	56	257459	49.332	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	253546	54.288	ug/l	93
36) 1,1-Dichloropropene	7.835	75	214441	54.017	ug/l	94
37) Ethyl Acetate	6.988	43	107246	56.663	ug/l	# 94
38) Carbon Tetrachloride	7.823	117	224060	56.127	ug/l	99
39) Methylcyclohexane	9.110	83	271178	53.822	ug/l	89
40) Benzene	8.079	78	642726	55.468	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	52322	55.185	ug/l	93
42) 1,2-Dichloroethane	8.159	62	182677	56.955	ug/l	94
43) Isopropyl Acetate	8.201	43	215034	59.082	ug/l #	76
44) Trichloroethene	8.866	130	148122	55.154	ug/l	92
45) 1,2-Dichloropropane	9.140	63	154471	55.719	ug/l	99
46) Dibromomethane	9.232	93	85209	56.724	ug/l	89
47) Bromodichloromethane	9.421	83	226927	57.665	ug/l	99
48) Methyl methacrylate	9.219	41	101256	60.062	ug/l #	79
49) 1,4-Dioxane	9.238	88	17584	1136.984	ug/l #	86
51) 4-Methyl-2-Pentanone	10.000	43	576578	307.447	ug/l	88
52) Toluene	10.170	92	407028	56.985	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	201332	57.937	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	239767	57.807	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	107484	57.548	ug/l	93
56) Ethyl methacrylate	10.439	69	166771	62.248	ug/l #	77
57) 1,3-Dichloropropane	10.719	76	197455	57.730	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	356421	269.756	ug/l	91
59) 2-Hexanone	10.762	43	423706	315.140	ug/l	87
60) Dibromochloromethane	10.914	129	138945	58.361	ug/l	100
61) 1,2-Dibromoethane	11.012	107	99386	57.275	ug/l	98
64) Tetrachloroethene	10.646	164	130392	54.853	ug/l	93
65) Chlorobenzene	11.438	112	423395	55.192	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	139183	56.788	ug/l	99
67) Ethyl Benzene	11.518	91	791843	55.219	ug/l	100
68) m/p-Xylenes	11.627	106	584843	111.472	ug/l	91
69) o-Xylene	11.957	106	276362	55.637	ug/l	91
70) Styrene	11.969	104	474896	57.823	ug/l	96
71) Bromoform	12.133	173	76720	61.017	ug/l #	95
73) Isopropylbenzene	12.255	105	745476	54.253	ug/l	99
74) N-amyl acetate	12.072	43	204074	59.414	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	135201	56.261	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	174230	108.058	ug/l #	100
77) Bromobenzene	12.530	156	151764	54.613	ug/l	81
78) n-propylbenzene	12.597	91	935230	54.688	ug/l	96
79) 2-Chlorotoluene	12.682	91	515754	54.332	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	610442	55.337	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	43579	58.136	ug/l #	83
82) 4-Chlorotoluene	12.780	91	538644	55.652	ug/l	94
83) tert-Butylbenzene	12.999	119	536088	55.575	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	607618	55.610	ug/l	96
85) sec-Butylbenzene	13.176	105	815272	55.054	ug/l	97
86) p-Isopropyltoluene	13.292	119	660607	55.591	ug/l	96
87) 1,3-Dichlorobenzene	13.286	146	315945	55.965	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	311363	55.383	ug/l	97
89) n-Butylbenzene	13.621	91	665684	55.882	ug/l	97
90) Hexachloroethane	13.883	117	129965	55.301	ug/l	85
91) 1,2-Dichlorobenzene	13.658	146	277178	56.486	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	20578	56.464	ug/l	76
93) 1,2,4-Trichlorobenzene	14.926	180	148874	56.476	ug/l	96
94) Hexachlorobutadiene	15.029	225	78807	54.672	ug/l	98
95) Naphthalene	15.145	128	294539	59.774	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	124914	55.824	ug/l	98

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QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

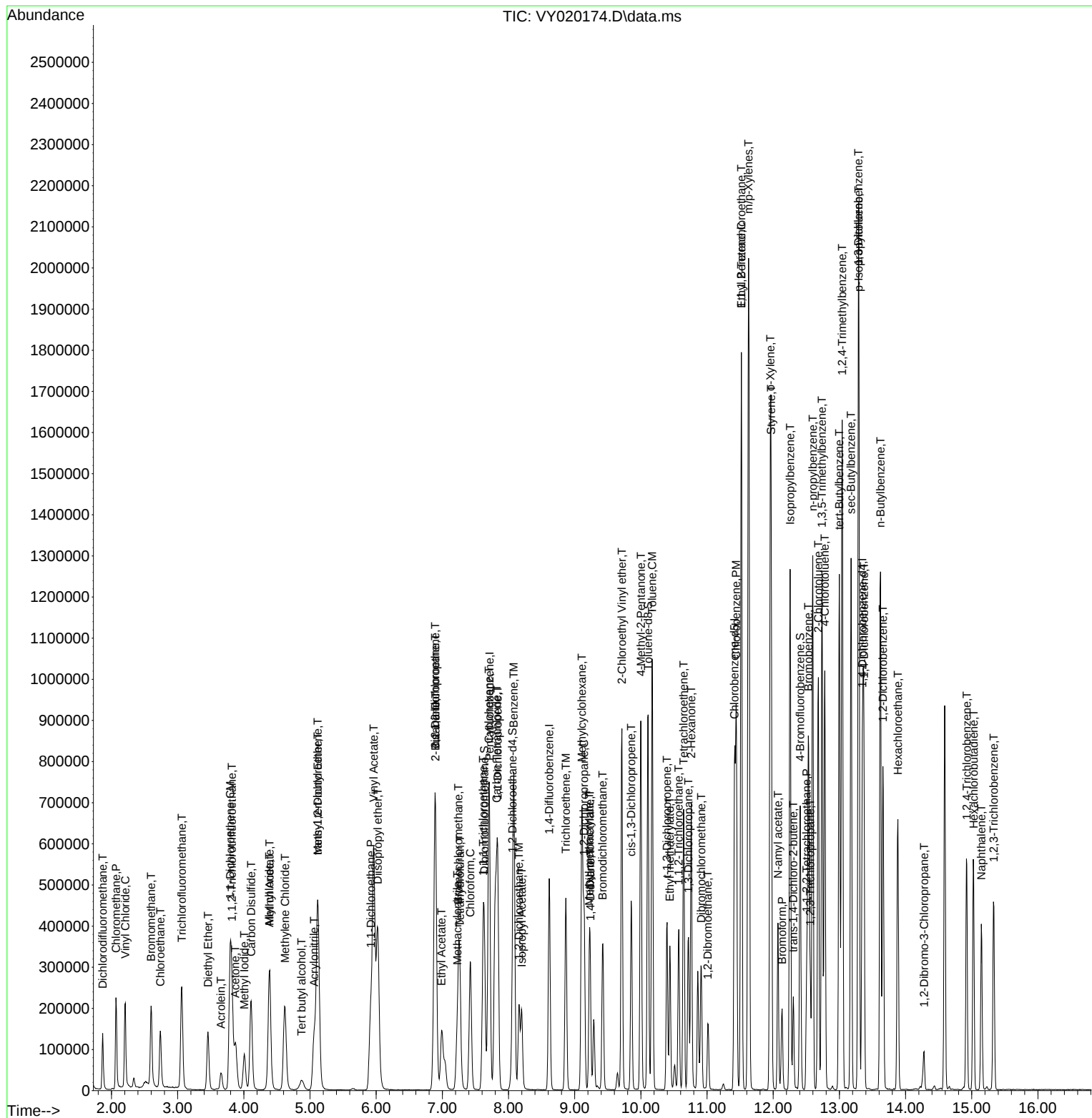
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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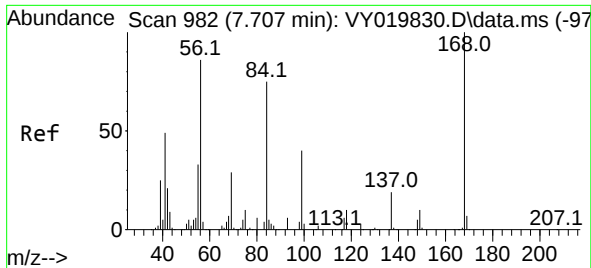
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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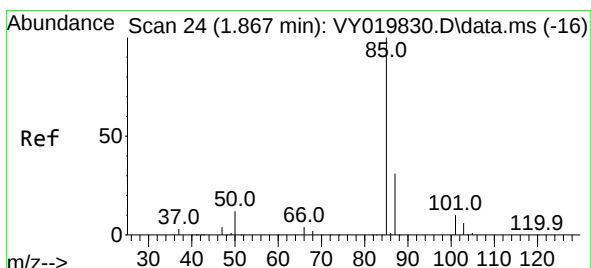
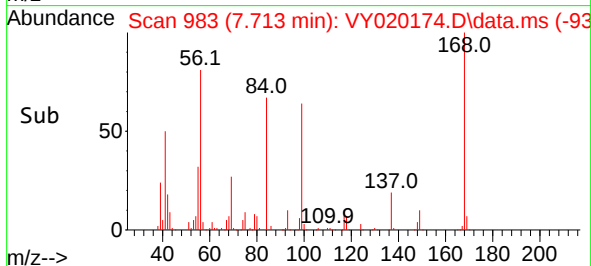
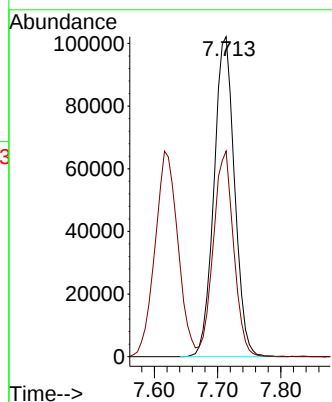
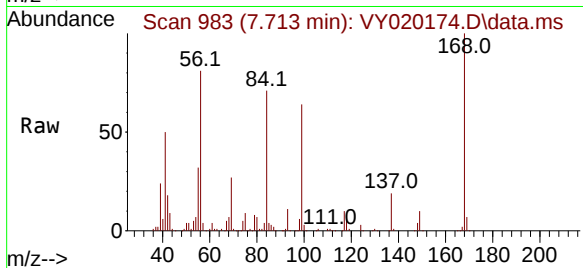




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
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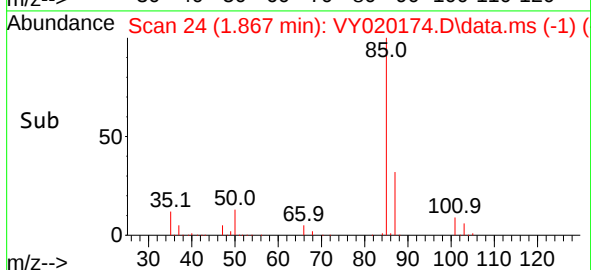
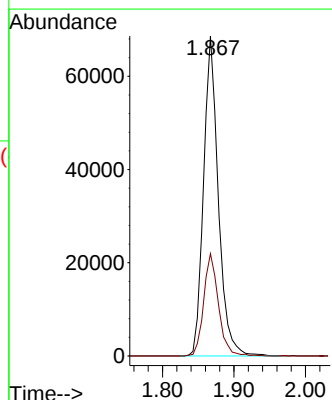
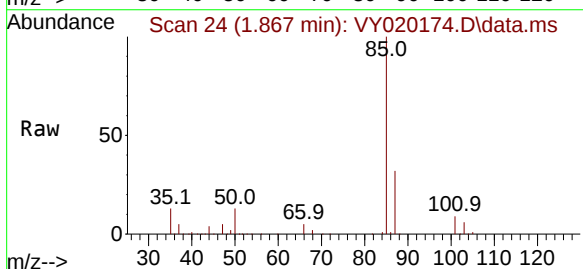
Instrument :
MSVOA_Y
ClientSampleId :

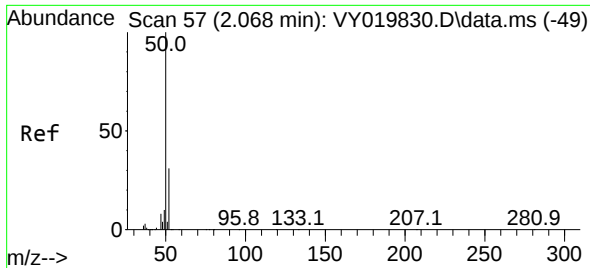
Tgt Ion:168 Resp: 230428
Ion Ratio Lower Upper
168 100
99 64.1 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 46.136 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 85 Resp: 98409
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0

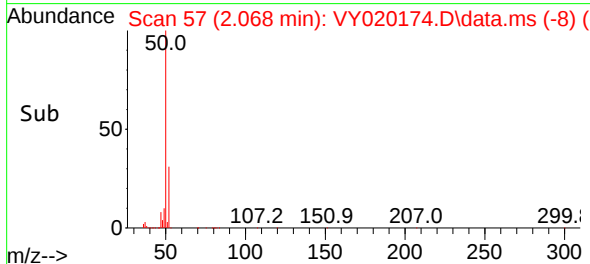
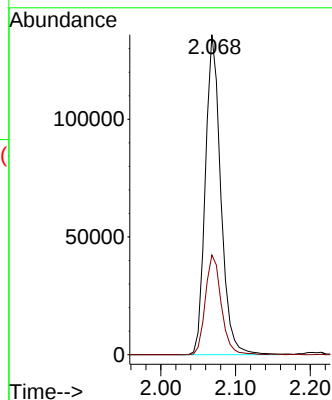
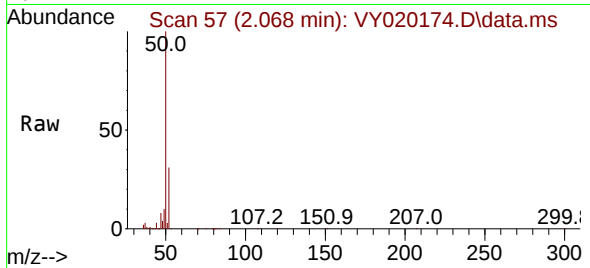




#3
Chloromethane
Concen: 55.220 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

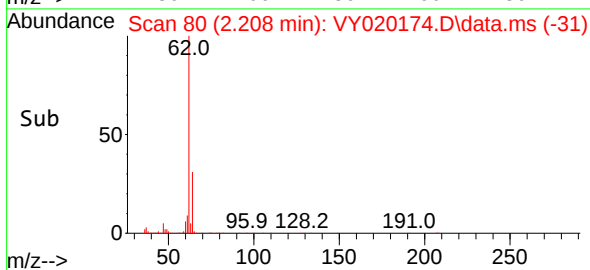
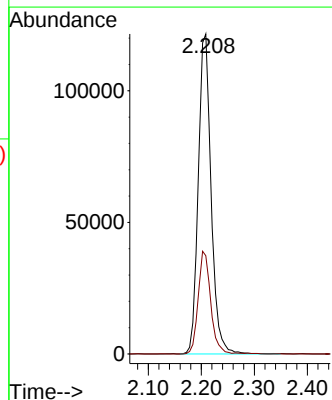
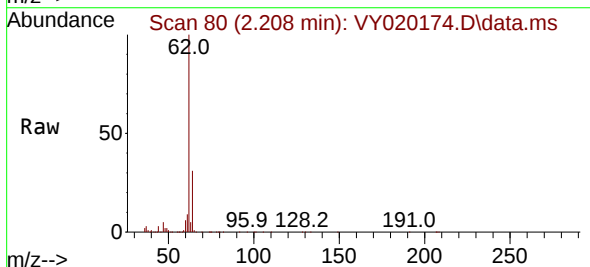
Instrument :
MSVOA_Y
ClientSampleId :

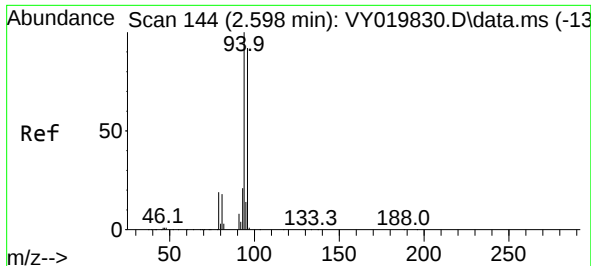
Tgt Ion: 50 Resp: 195101
Ion Ratio Lower Upper
50 100
52 31.2 25.6 38.4



#4
Vinyl Chloride
Concen: 53.940 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 62 Resp: 204593
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

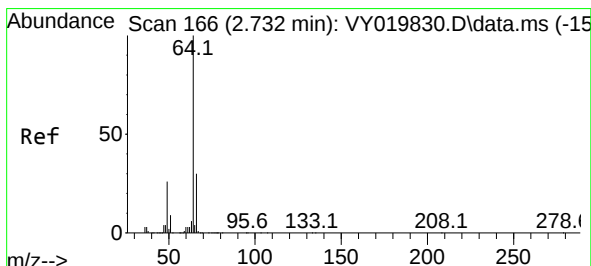
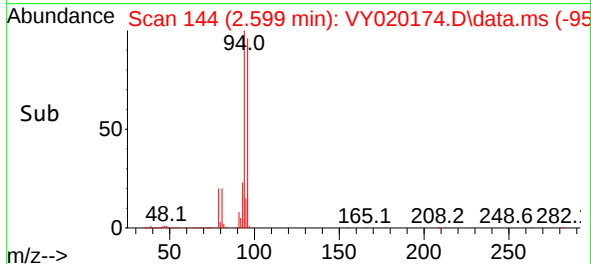
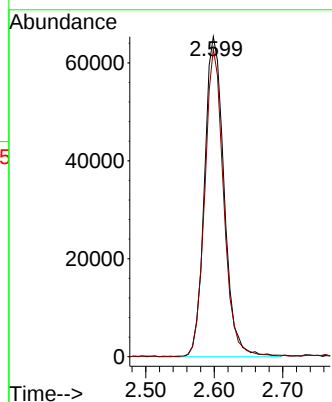
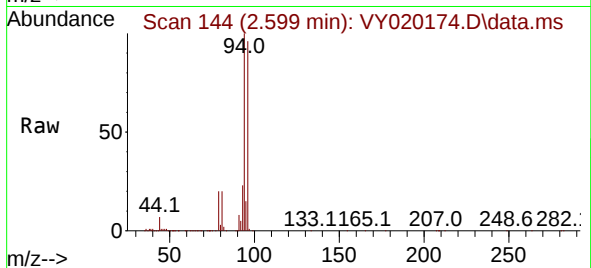




#5
Bromomethane
Concen: 51.505 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

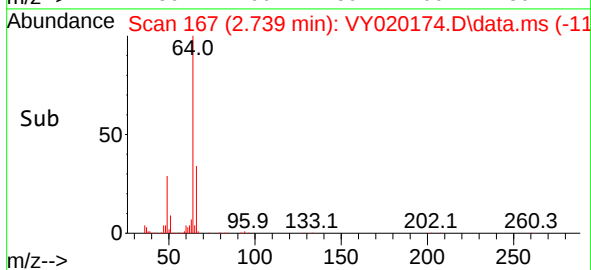
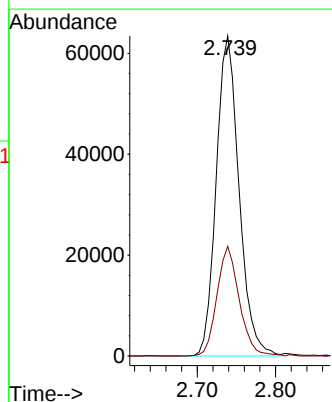
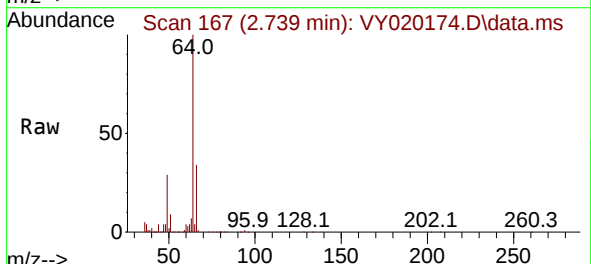
Instrument :
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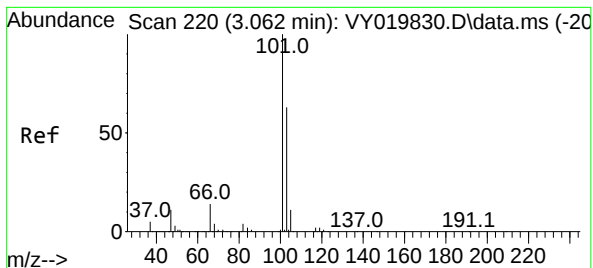
Tgt Ion: 94 Resp: 129702
Ion Ratio Lower Upper
94 100
96 96.0 74.1 111.1



#6
Chloroethane
Concen: 52.495 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 64 Resp: 128500
Ion Ratio Lower Upper
64 100
66 34.3 26.1 39.1





#7

Trichlorofluoromethane

Concen: 52.377 ug/l

RT: 3.062 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

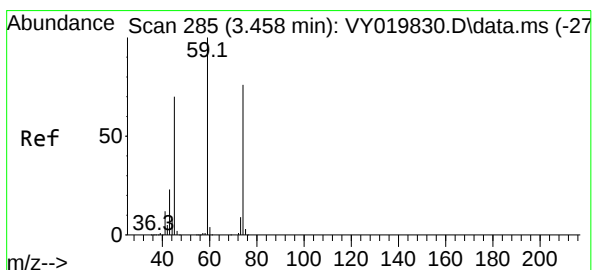
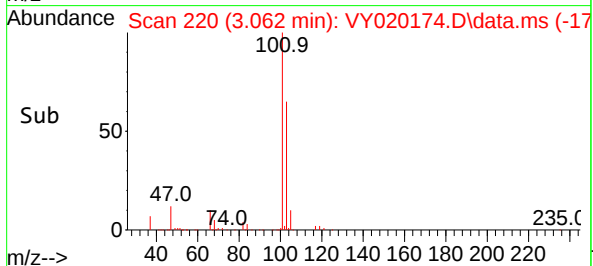
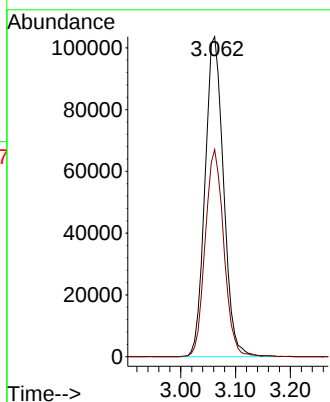
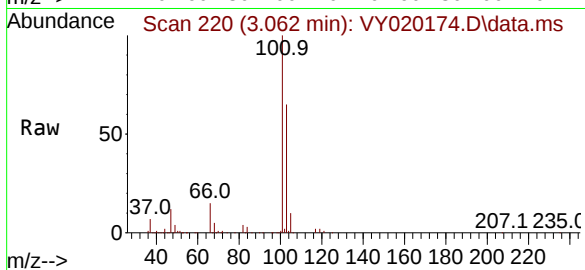
ClientSampleId :

Tgt Ion:101 Resp: 242692

Ion Ratio Lower Upper

101 100

103 64.7 49.3 73.9



#8

Diethyl Ether

Concen: 56.141 ug/l

RT: 3.458 min Scan# 285

Delta R.T. 0.000 min

Lab File: VY020174.D

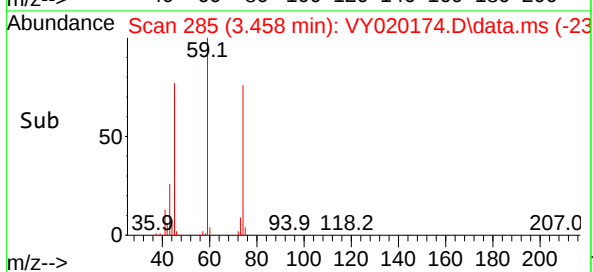
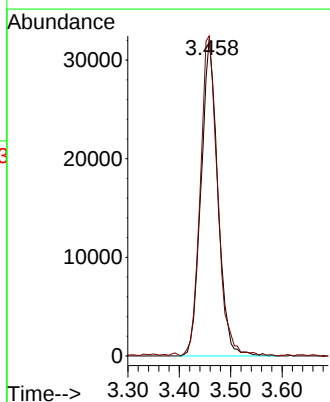
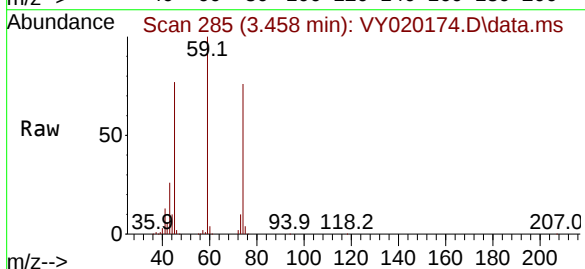
Acq: 06 Nov 2024 11:45

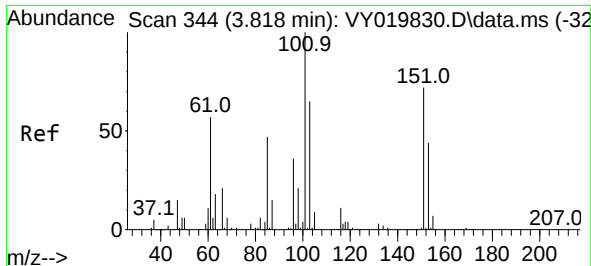
Tgt Ion: 74 Resp: 72553

Ion Ratio Lower Upper

74 100

45 104.3 41.3 124.1

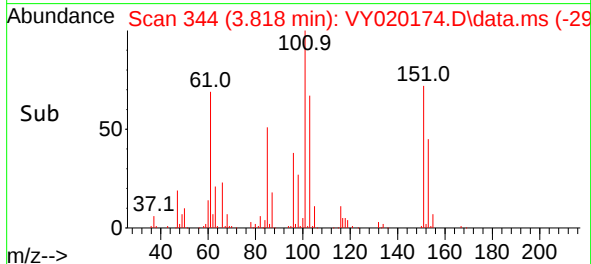
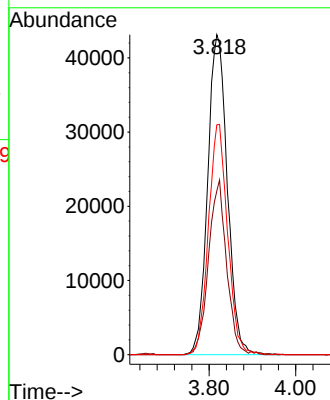
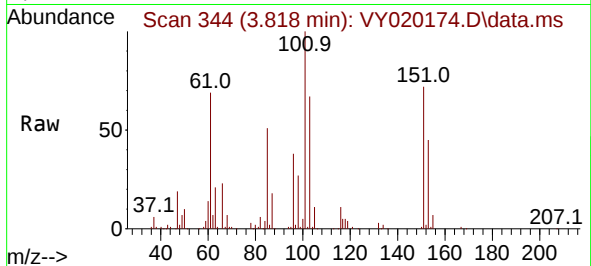




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.283 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.007 min
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Acq: 06 Nov 2024 11:45

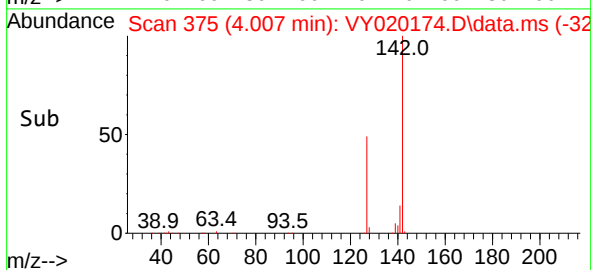
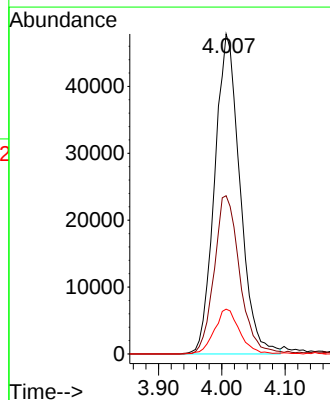
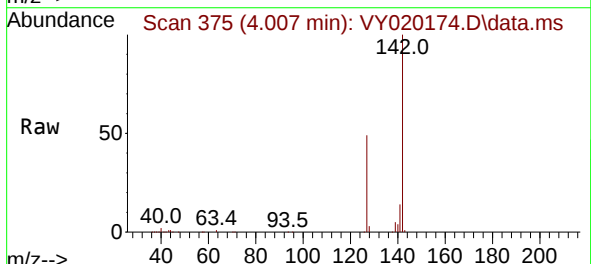
Instrument :
MSVOA_Y
ClientSampleId :

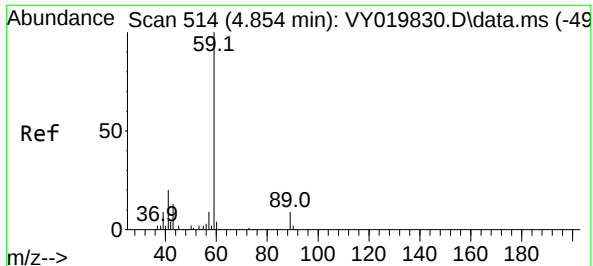
Tgt Ion:101 Resp: 135879
Ion Ratio Lower Upper
101 100
85 50.1 34.5 51.7
151 70.2 61.7 92.5



#10
Methyl Iodide
Concen: 52.902 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion:142 Resp: 132739
Ion Ratio Lower Upper
142 100
127 50.2 32.8 49.2#
141 13.9 11.4 17.2

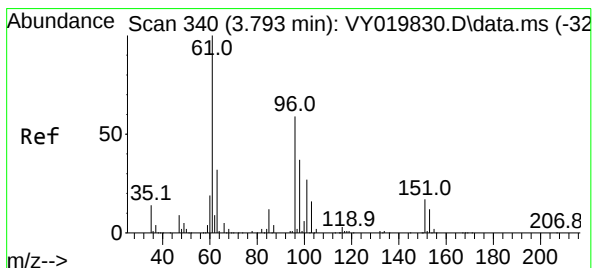
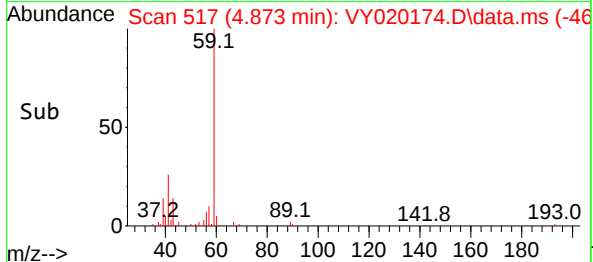
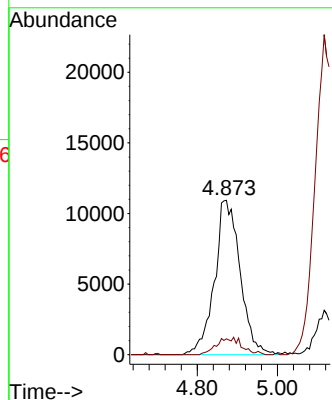
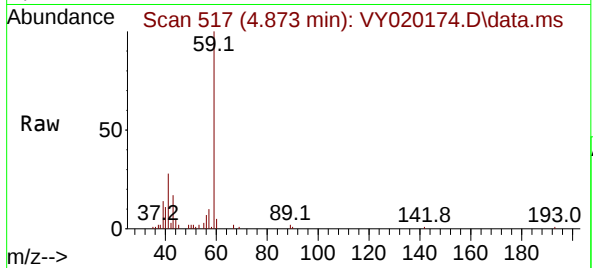




#11
Tert butyl alcohol
Concen: 234.651 ug/l
RT: 4.873 min Scan# 514
Delta R.T. 0.013 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

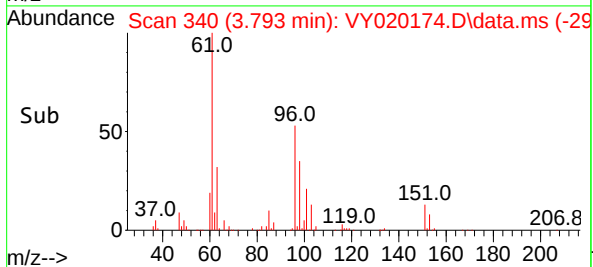
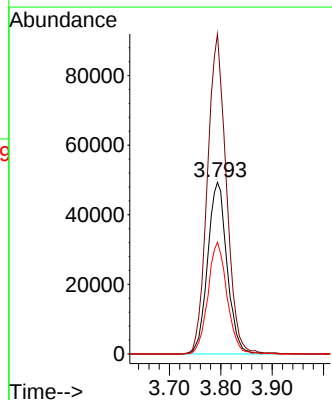
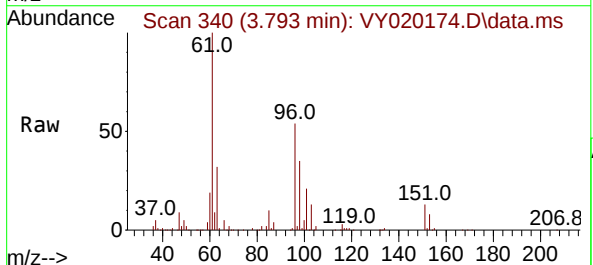
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 59 Resp: 48541
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.907 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 96 Resp: 129072
Ion Ratio Lower Upper
96 100
61 186.5 114.6 171.8#
98 65.1 50.8 76.2





#13

Acrolein

Concen: 186.802 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

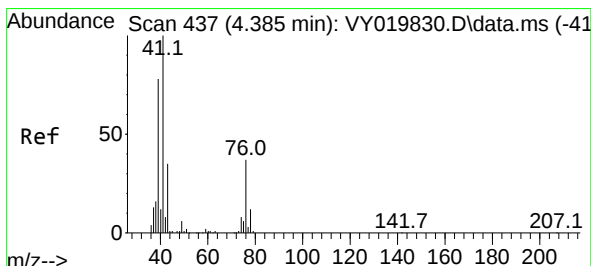
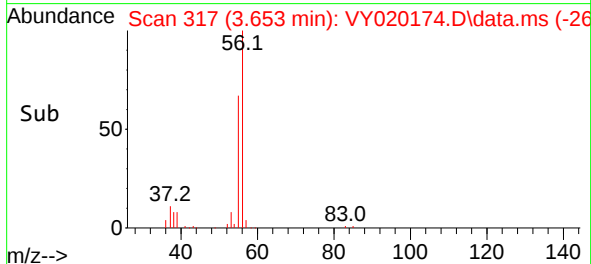
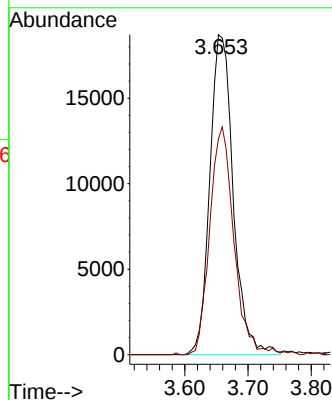
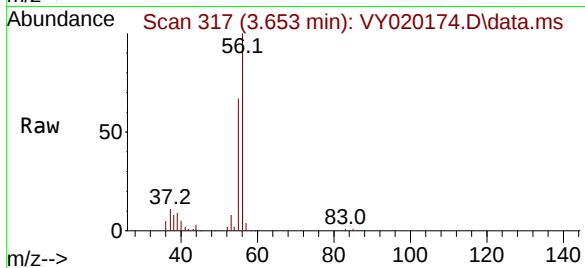
ClientSampleId :

Tgt Ion: 56 Resp: 48104

Ion Ratio Lower Upper

56 100

55 73.0 55.7 83.5



#14

Allyl chloride

Concen: 54.678 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

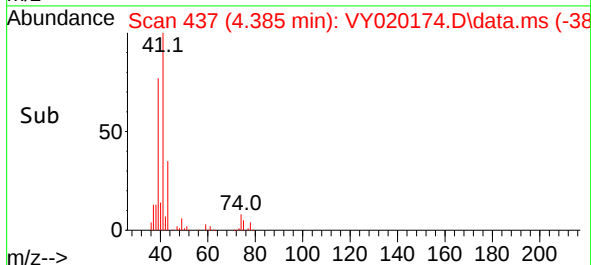
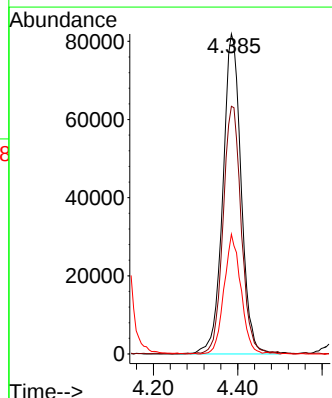
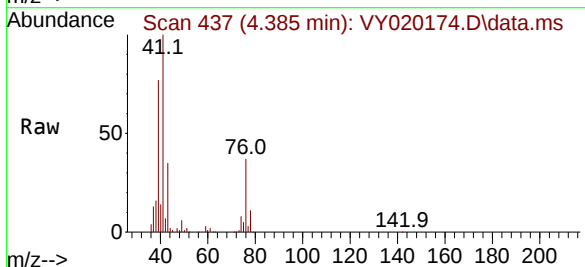
Tgt Ion: 41 Resp: 245301

Ion Ratio Lower Upper

41 100

39 76.6 58.3 87.5

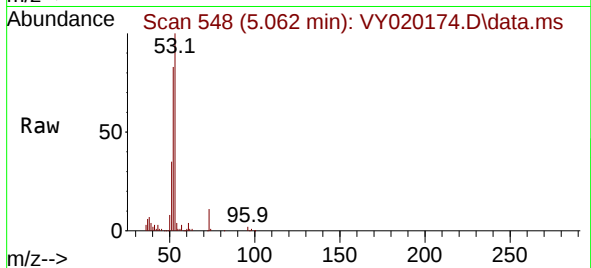
76 34.5 39.0 58.6#



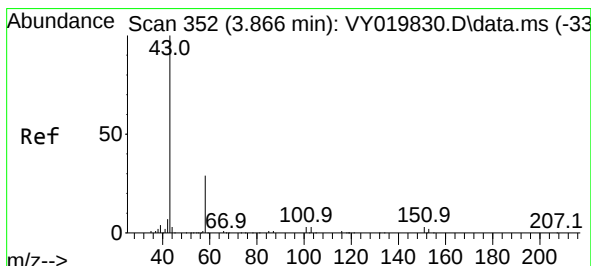
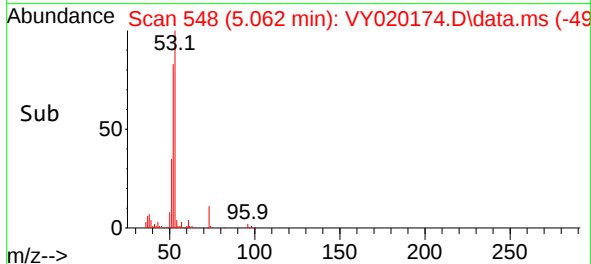
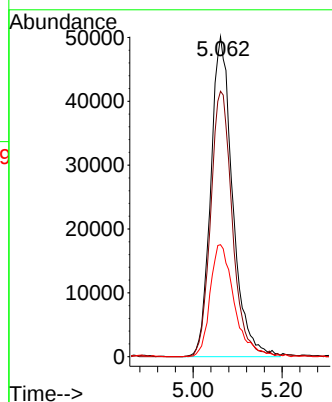


#15
Acrylonitrile
Concen: 291.182 ug/l
RT: 5.062 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Instrument :
MSVOA_Y
ClientSampleId :

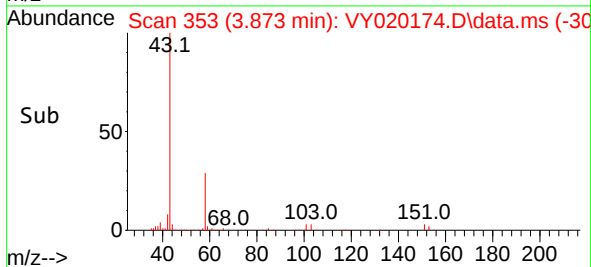
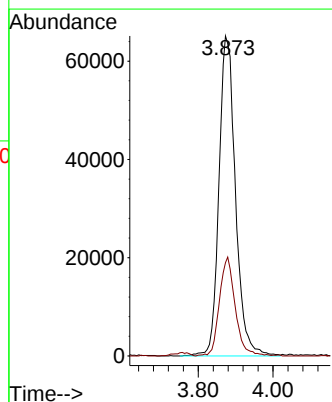
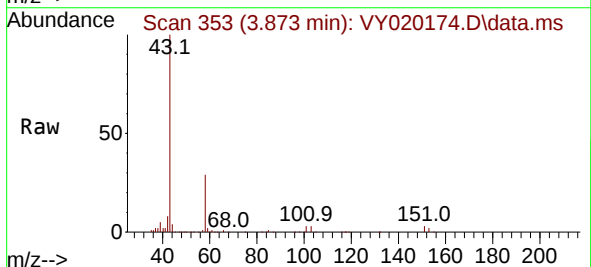


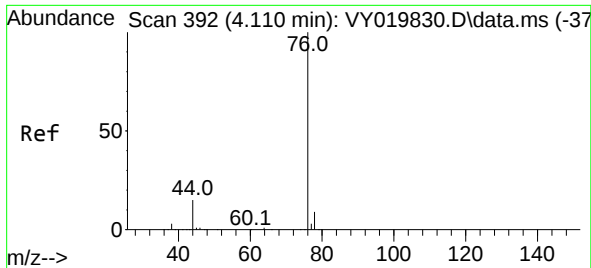
Tgt Ion: 53 Resp: 171295
Ion Ratio Lower Upper
53 100
52 82.5 64.7 97.1
51 38.7 28.4 42.6



#16
Acetone
Concen: 298.826 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 43 Resp: 199856
Ion Ratio Lower Upper
43 100
58 28.9 31.7 47.5#

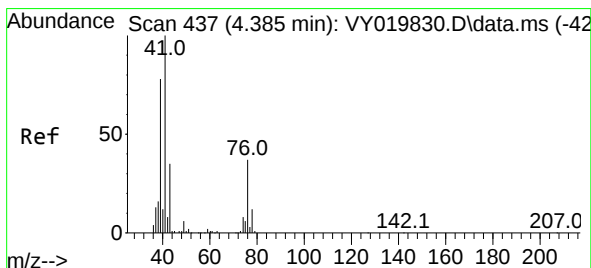
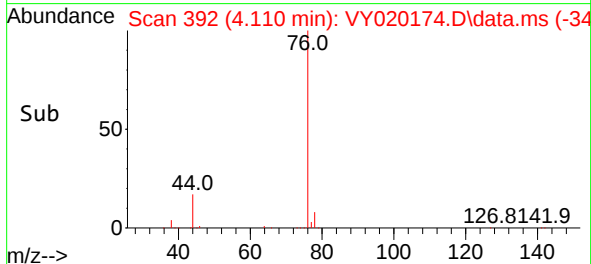
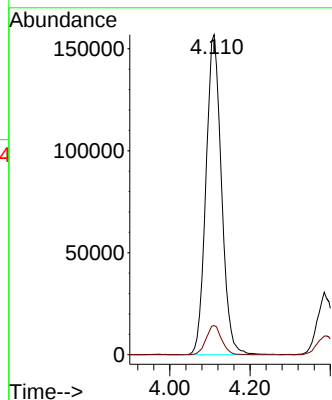
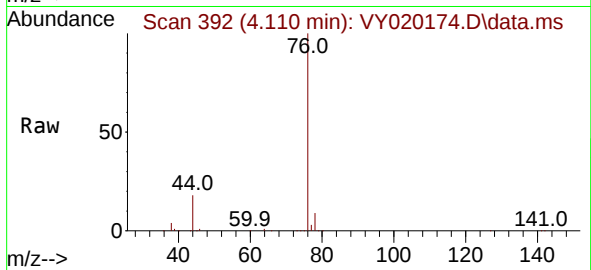




#17
Carbon Disulfide
Concen: 50.910 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

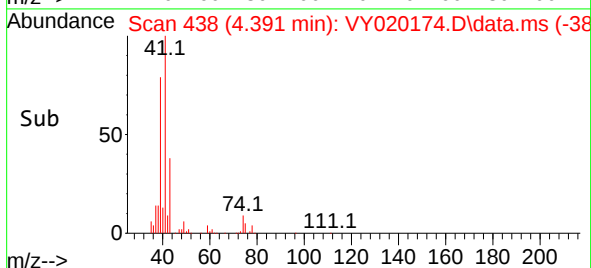
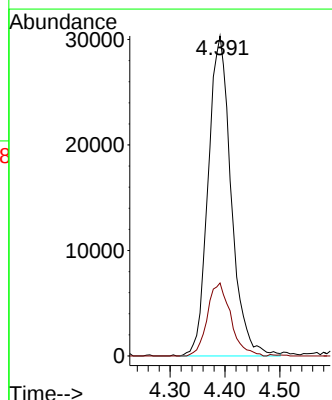
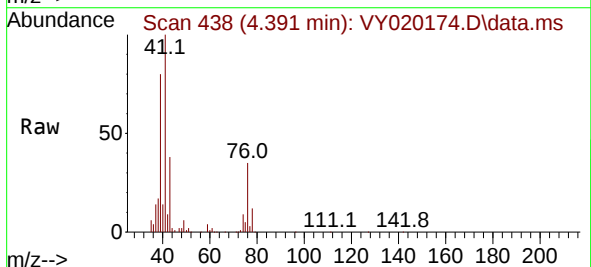
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 421290
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 56.321 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 43 Resp: 88378
Ion Ratio Lower Upper
43 100
74 23.1 23.3 34.9#

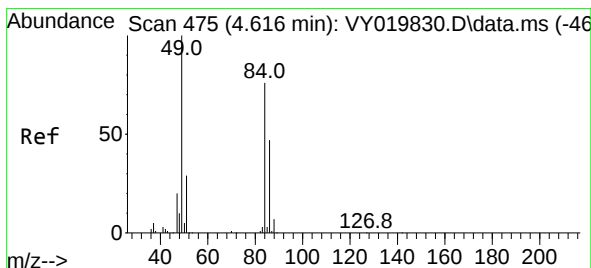
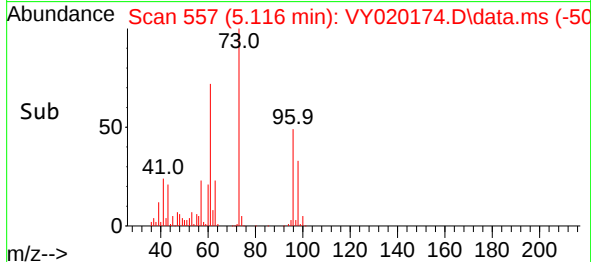
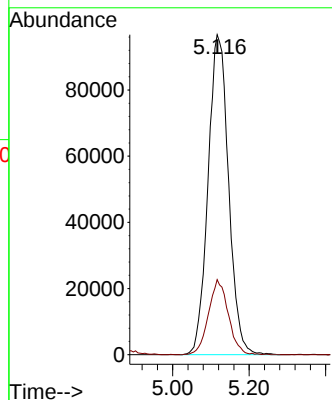
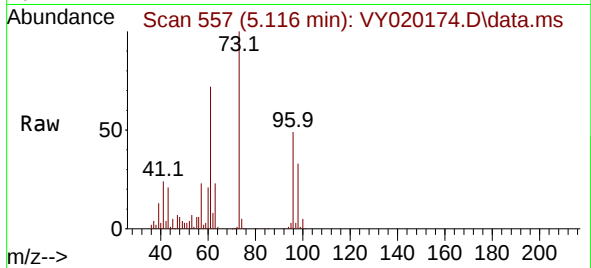




#19
Methyl tert-butyl Ether
Concen: 57.532 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

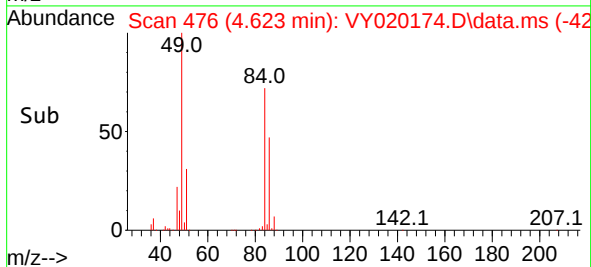
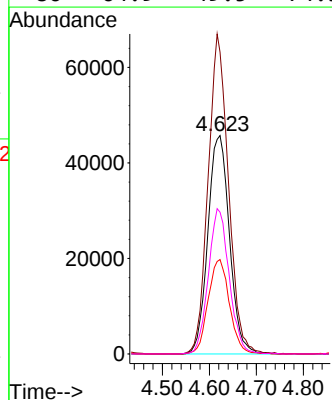
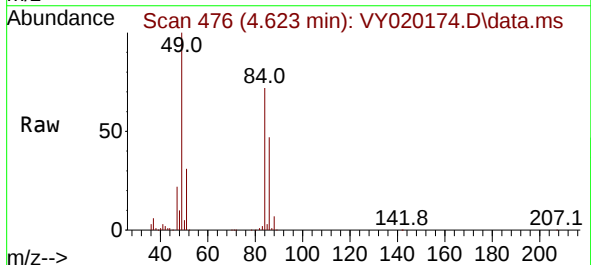
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 359913
Ion Ratio Lower Upper
73 100
57 23.4 17.3 25.9



#20
Methylene Chloride
Concen: 48.662 ug/l
RT: 4.623 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

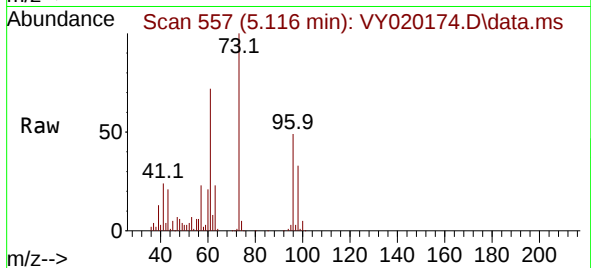
Tgt Ion: 84 Resp: 146201
Ion Ratio Lower Upper
84 100
49 138.2 84.4 126.6#
51 43.2 26.0 39.0#
86 64.9 49.5 74.3



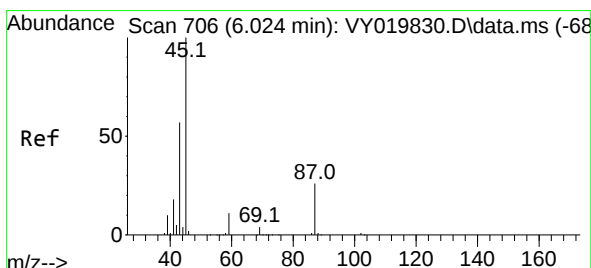
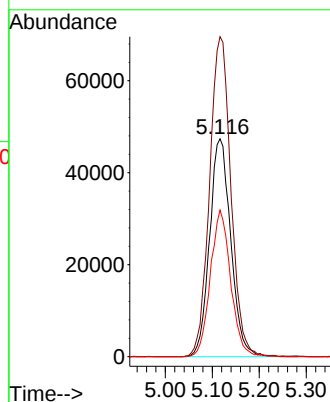
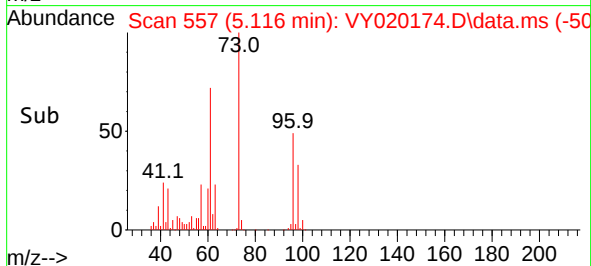


#21
trans-1,2-Dichloroethene
Concen: 52.912 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Instrument :
MSVOA_Y
ClientSampleId :

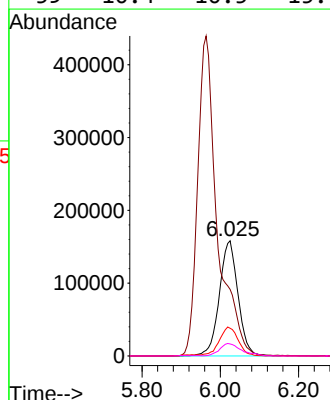
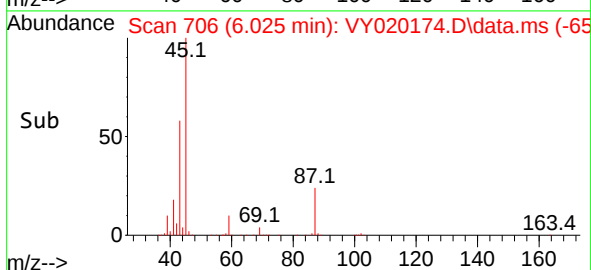
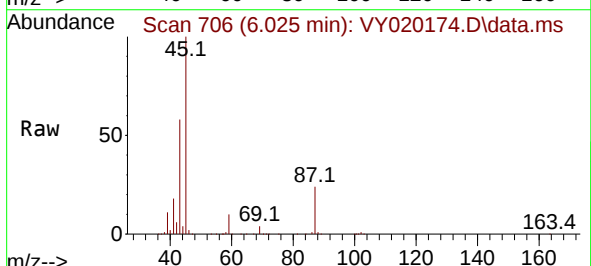


Tgt Ion: 96 Resp: 148383
Ion Ratio Lower Upper
96 100
61 146.8 97.5 146.3#
98 67.3 50.5 75.7



#22
Diisopropyl ether
Concen: 56.324 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

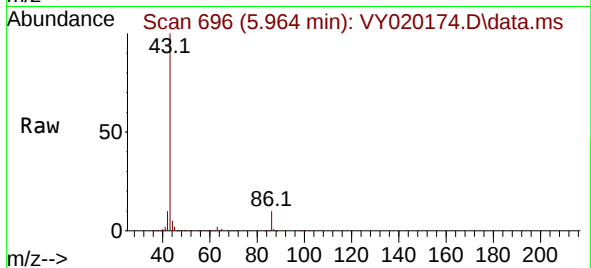
Tgt Ion: 45 Resp: 524371
Ion Ratio Lower Upper
45 100
43 57.6 42.2 63.2
87 24.1 25.0 37.6#
59 10.4 10.5 15.7#



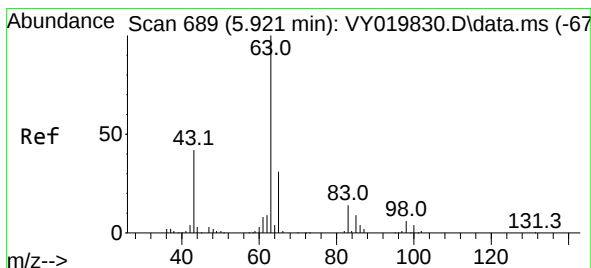
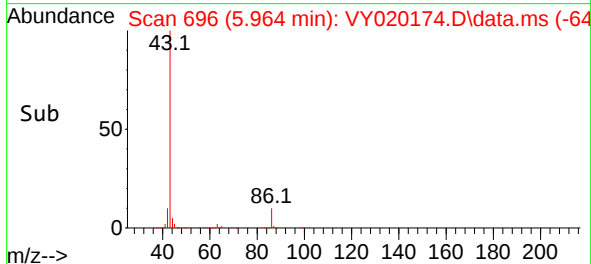
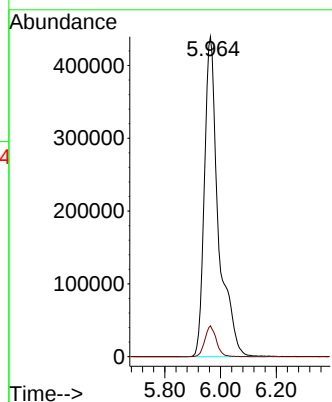


#23
 Vinyl Acetate
 Concen: 293.044 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY020174.D
 Acq: 06 Nov 2024 11:45

Instrument :
 MSVOA_Y
 ClientSampleId :

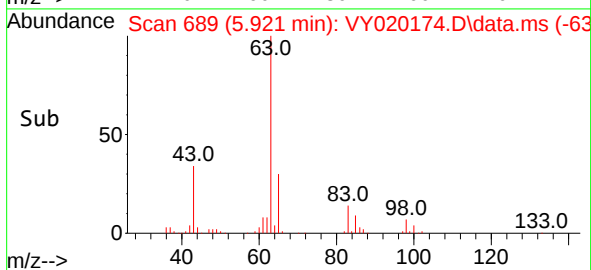
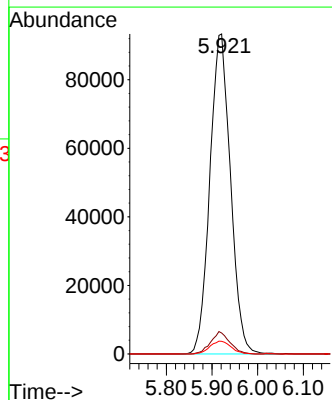
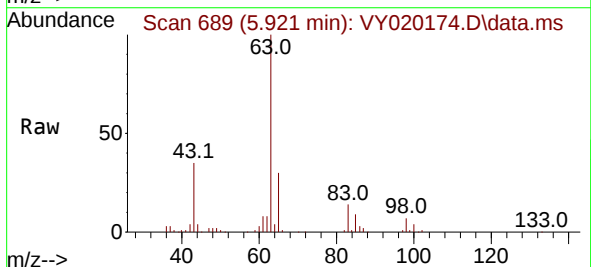


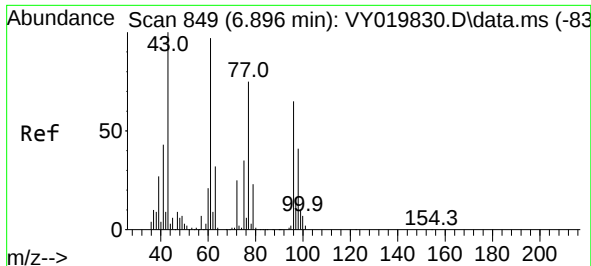
Tgt Ion: 43 Resp: 1535359
 Ion Ratio Lower Upper
 43 100
 86 9.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 54.189 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.007 min
 Lab File: VY020174.D
 Acq: 06 Nov 2024 11:45

Tgt Ion: 63 Resp: 292120
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 3.9 2.6 8.0

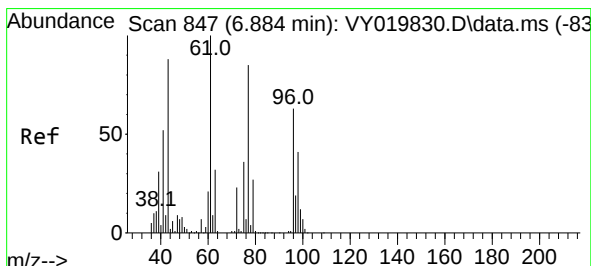
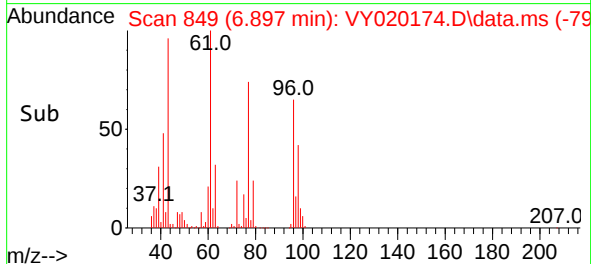
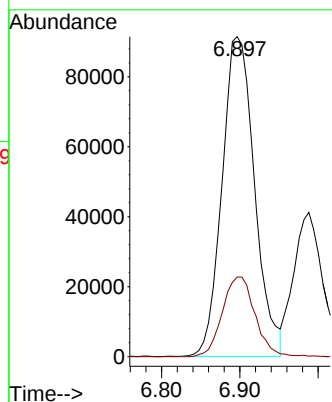
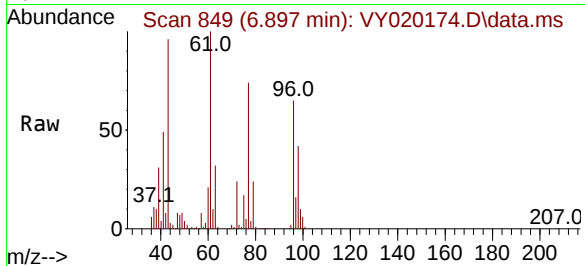




#25
2-Butanone
Concen: 291.261 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

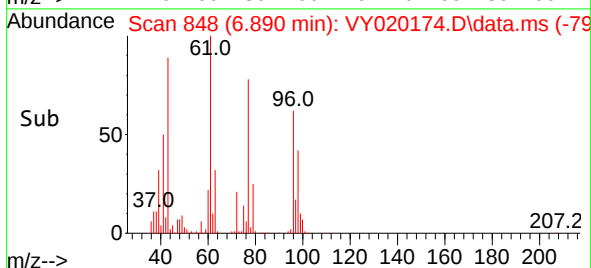
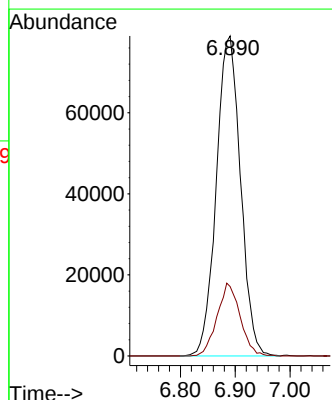
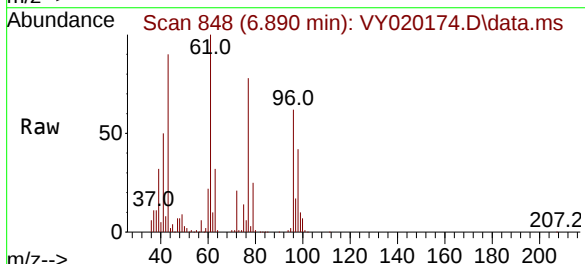
Instrument :
MSVOA_Y
ClientSampleId :

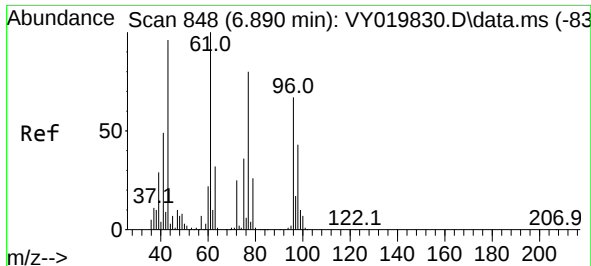
Tgt Ion: 43 Resp: 264054
Ion Ratio Lower Upper
43 100
72 24.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 54.021 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 77 Resp: 242303
Ion Ratio Lower Upper
77 100
97 21.6 12.0 36.1

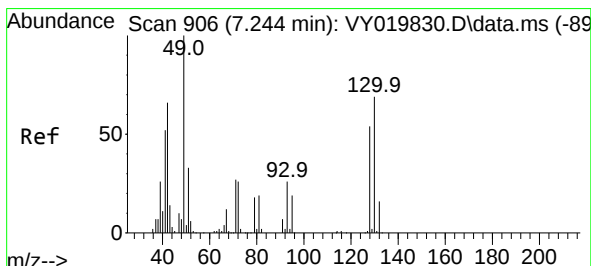
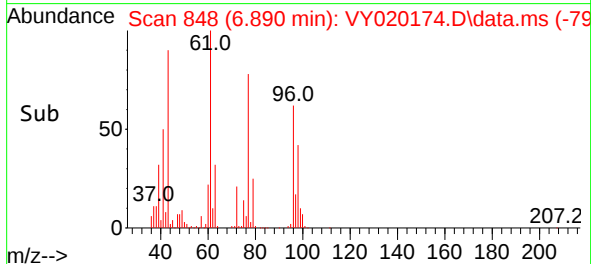
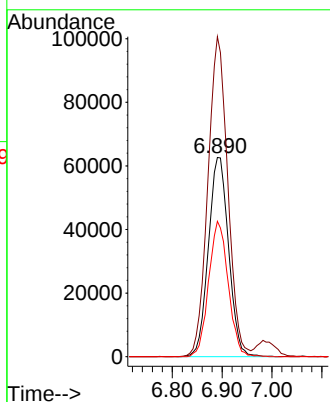
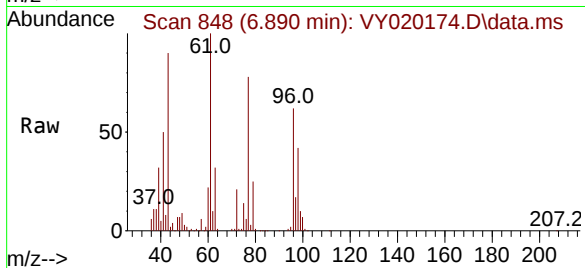




#27
 cis-1,2-Dichloroethene
 Concen: 54.681 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY020174.D
 Acq: 06 Nov 2024 11:45

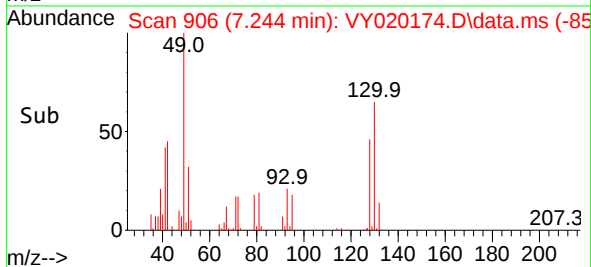
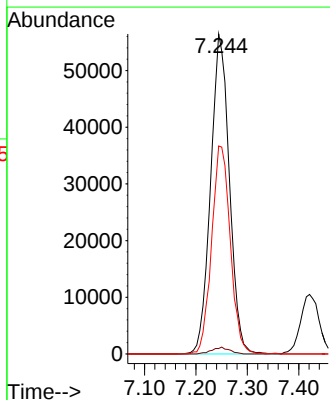
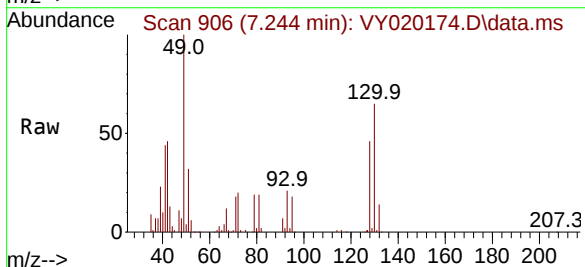
Instrument :
 MSVOA_Y
 ClientSampleId :

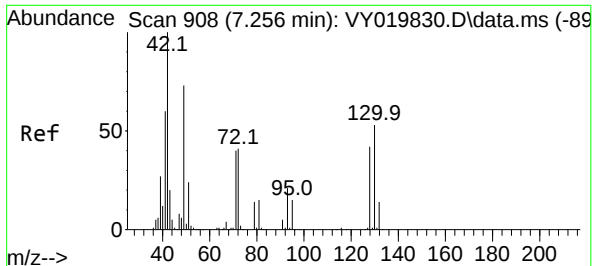
Tgt Ion: 96 Resp: 176275
 Ion Ratio Lower Upper
 96 100
 61 158.0 0.0 256.2
 98 65.7 0.0 130.0



#28
 Bromochloromethane
 Concen: 56.596 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY020174.D
 Acq: 06 Nov 2024 11:45

Tgt Ion: 49 Resp: 142863
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 64.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 291.044 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

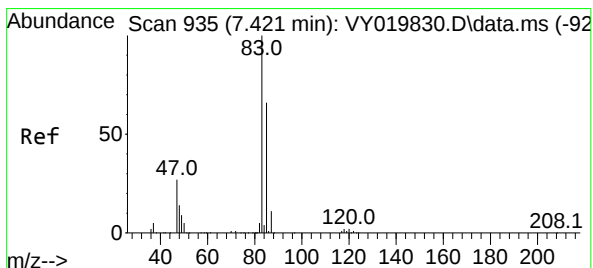
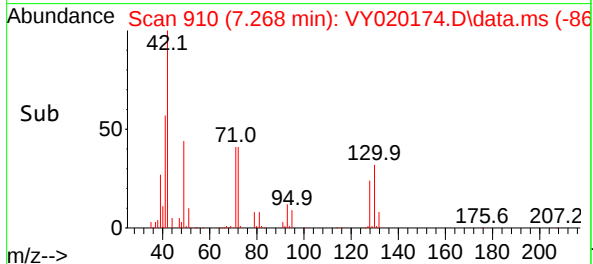
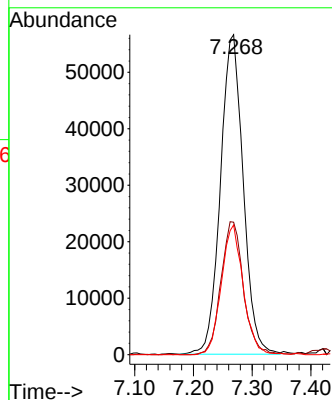
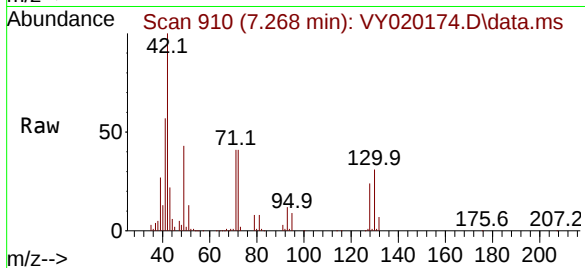
Tgt Ion: 42 Resp: 152273

Ion Ratio Lower Upper

42 100

72 41.2 43.0 64.4#

71 39.1 40.8 61.2#



#30

Chloroform

Concen: 55.216 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020174.D

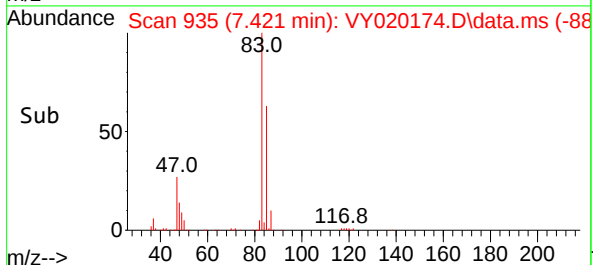
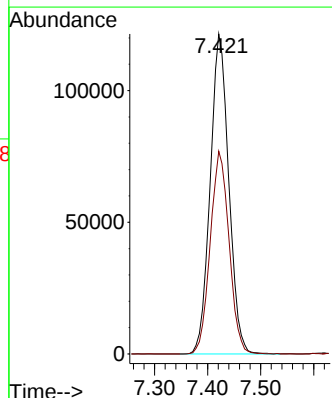
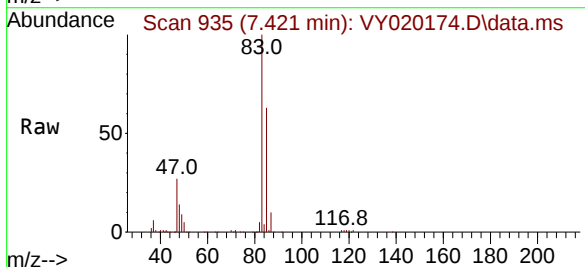
Acq: 06 Nov 2024 11:45

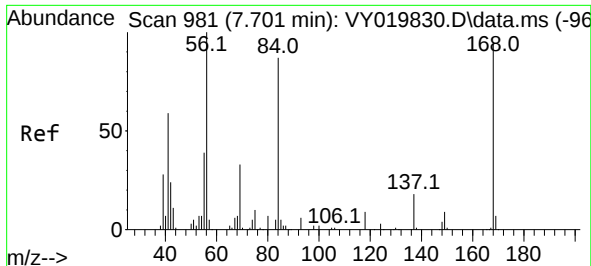
Tgt Ion: 83 Resp: 295374

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

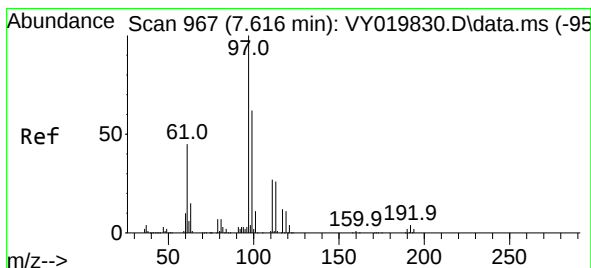
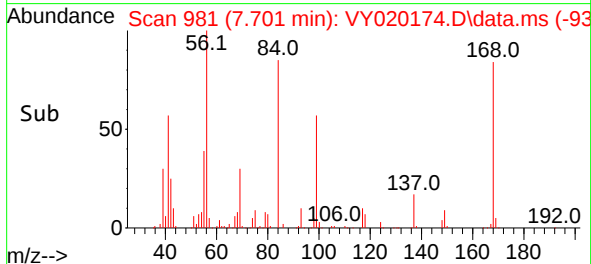
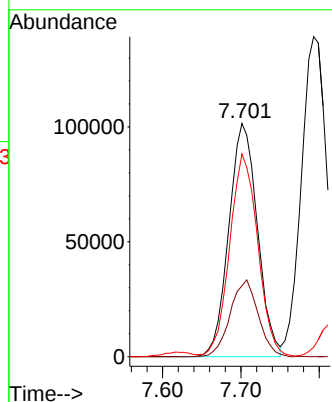
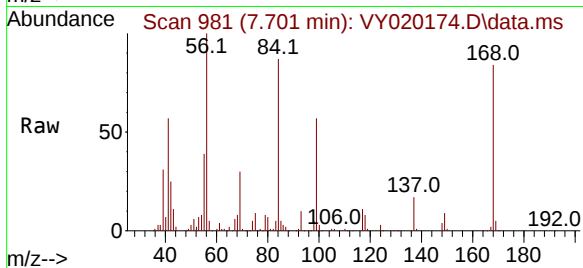




#31
Cyclohexane
Concen: 49.332 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

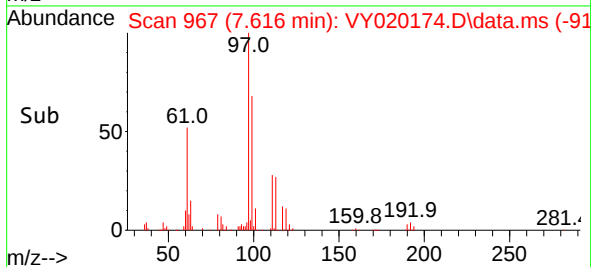
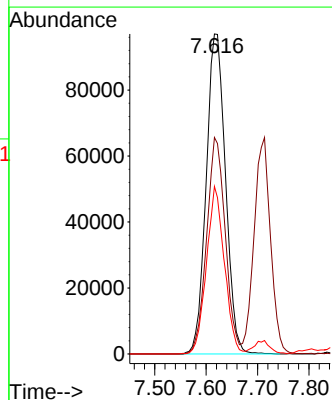
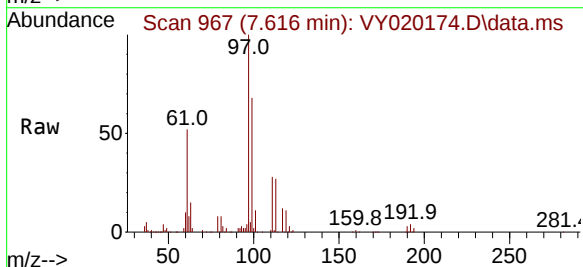
Instrument :
MSVOA_Y
ClientSampleId :

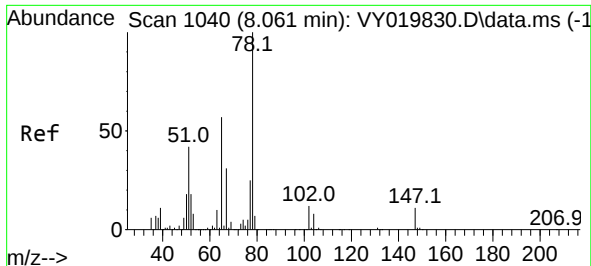
Tgt Ion: 56 Resp: 257459
Ion Ratio Lower Upper
56 100
69 30.4 28.7 43.1
84 85.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 54.288 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 97 Resp: 253546
Ion Ratio Lower Upper
97 100
99 65.1 50.3 75.5
61 48.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.594 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

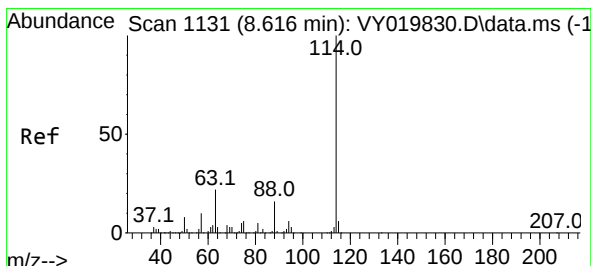
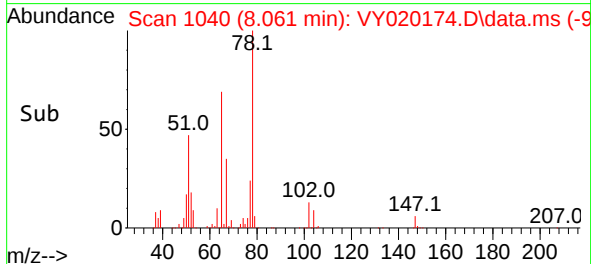
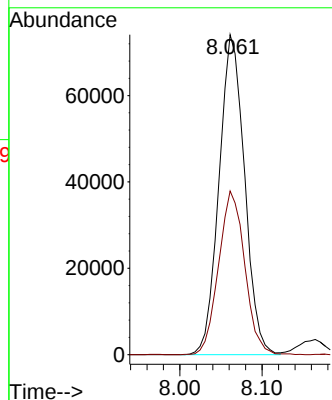
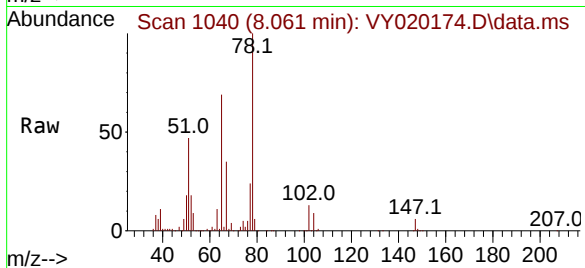
ClientSampleId :

Tgt Ion: 65 Resp: 159881

Ion Ratio Lower Upper

65 100

67 52.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

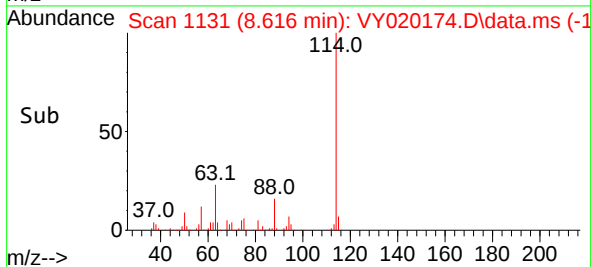
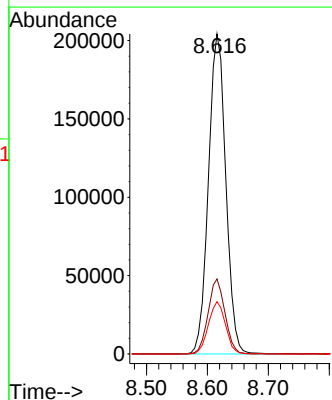
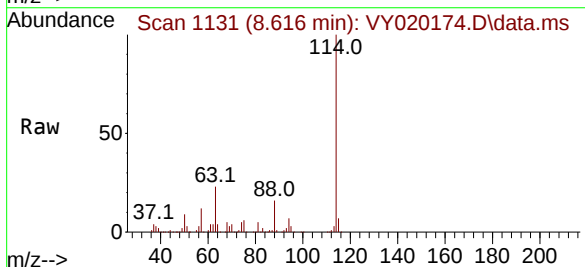
Tgt Ion: 114 Resp: 404198

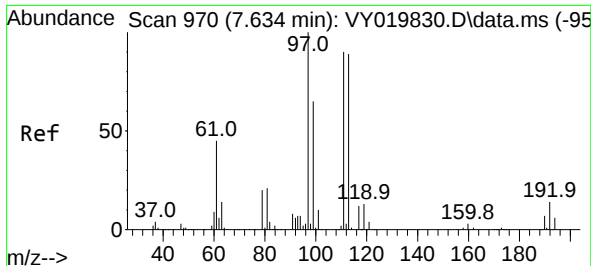
Ion Ratio Lower Upper

114 100

63 23.5 0.0 35.0

88 16.4 0.0 27.2

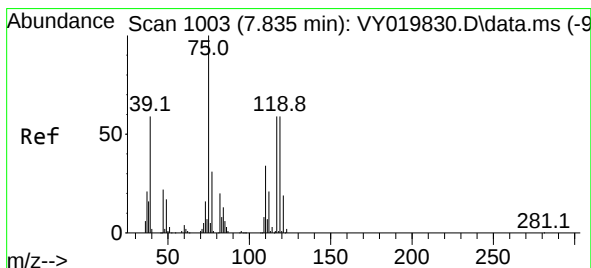
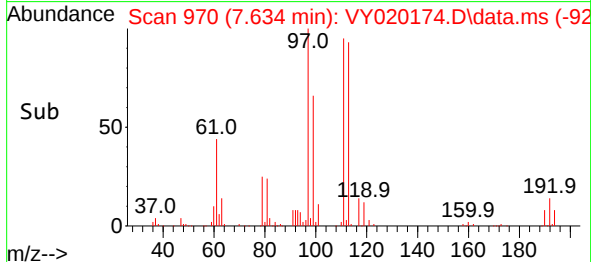
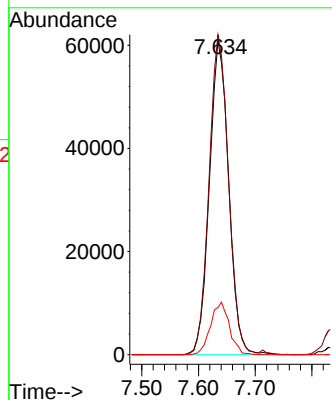
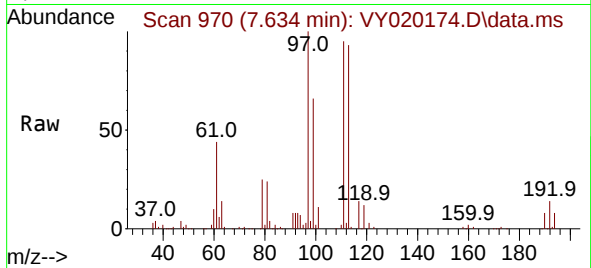




#35
Dibromofluoromethane
Concen: 55.995 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

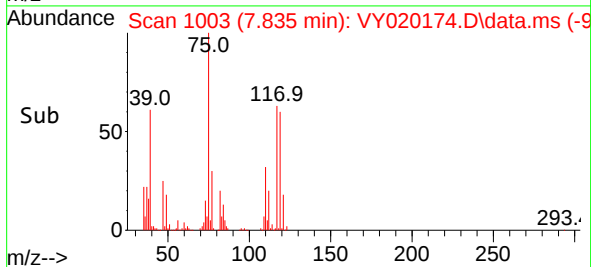
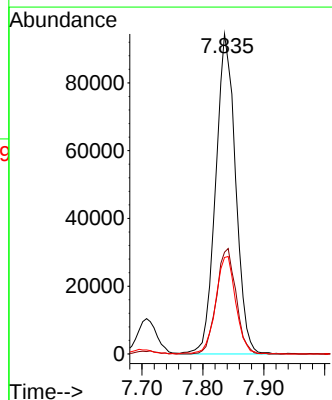
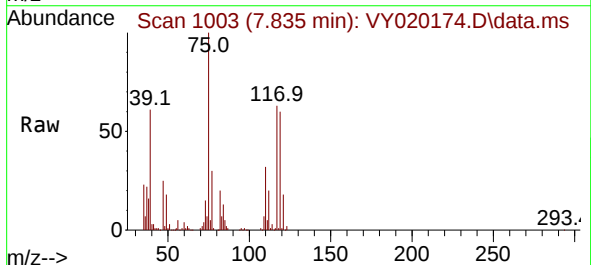
Instrument :
MSVOA_Y
ClientSampleId :

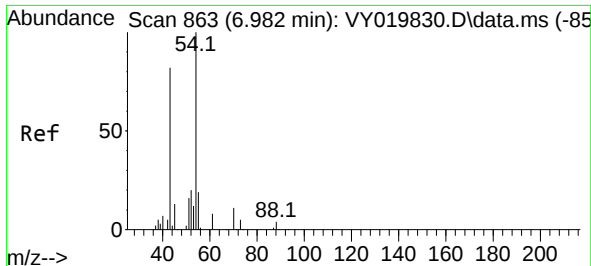
Tgt Ion:113 Resp: 143899
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.017 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 75 Resp: 214441
Ion Ratio Lower Upper
75 100
110 32.5 19.0 57.0
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 56.663 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

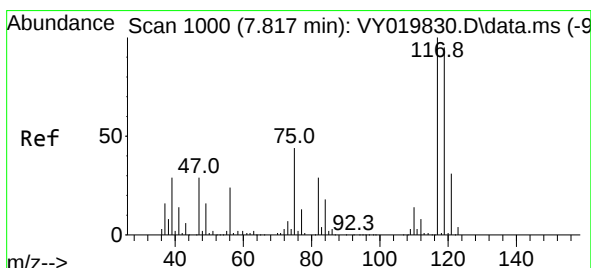
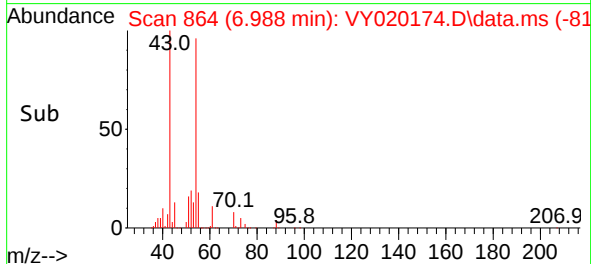
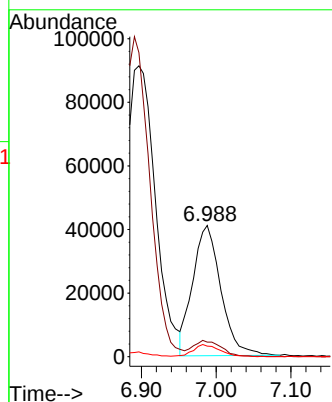
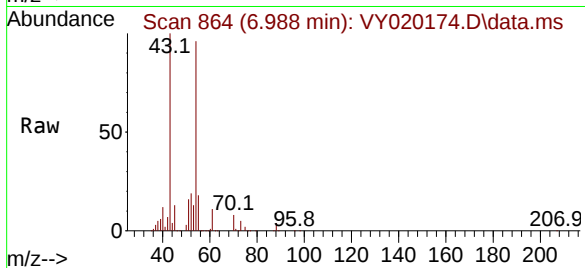
Tgt Ion: 43 Resp: 107246

Ion Ratio Lower Upper

43 100

61 12.6 12.6 19.0#

70 8.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 56.127 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

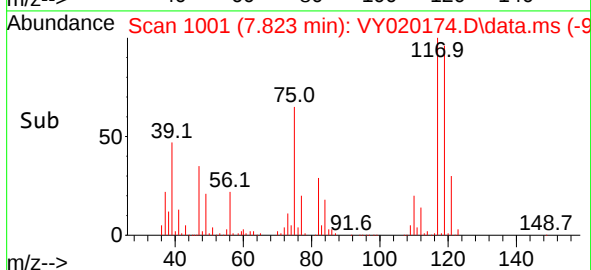
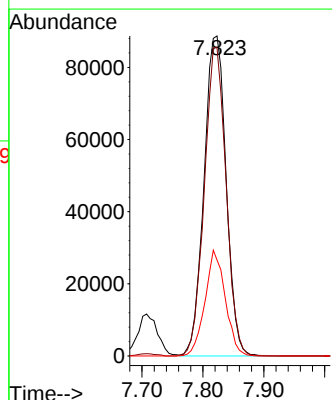
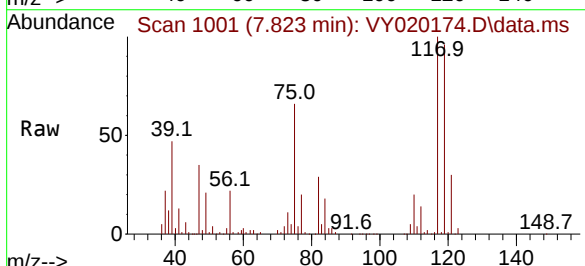
Tgt Ion: 117 Resp: 224060

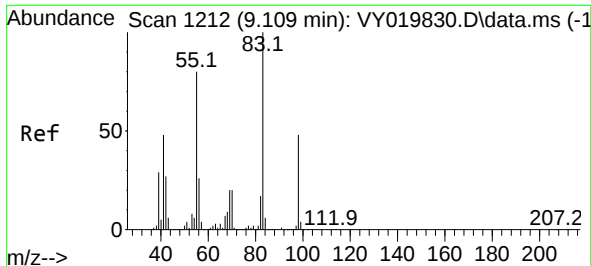
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 53.822 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

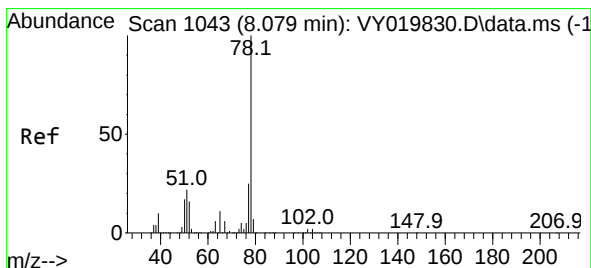
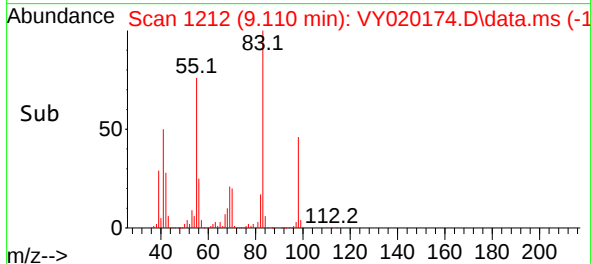
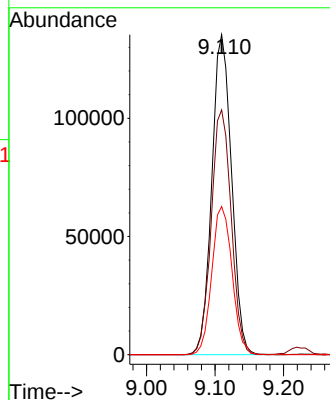
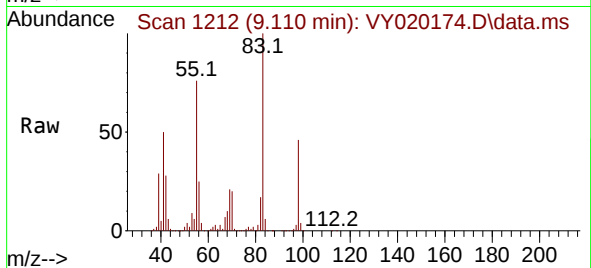
Tgt Ion: 83 Resp: 271178

Ion Ratio Lower Upper

83 100

55 76.5 51.5 77.3

98 46.3 40.5 60.7



#40

Benzene

Concen: 55.468 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.001 min

Lab File: VY020174.D

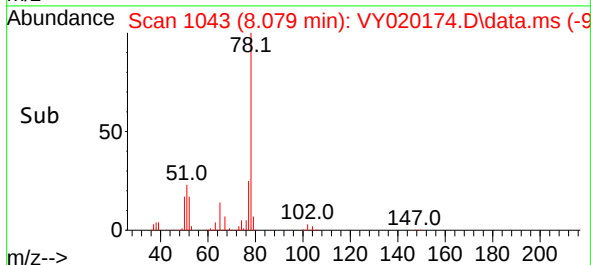
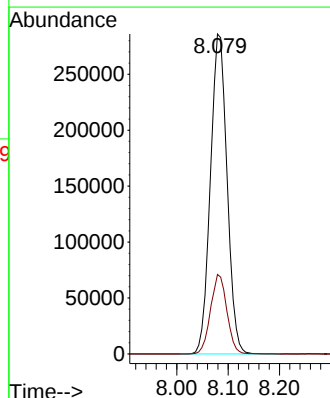
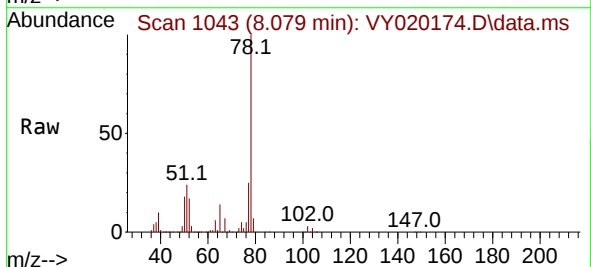
Acq: 06 Nov 2024 11:45

Tgt Ion: 78 Resp: 642726

Ion Ratio Lower Upper

78 100

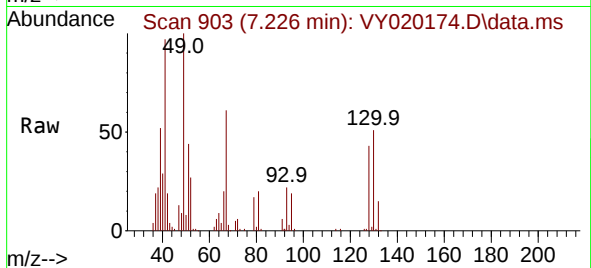
77 24.9 19.5 29.3



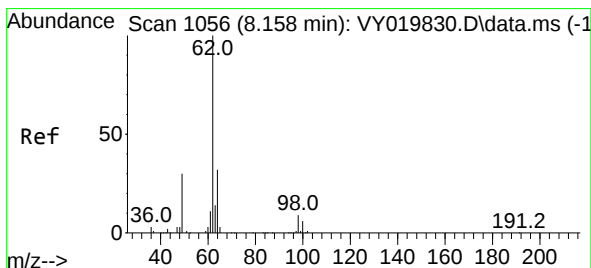
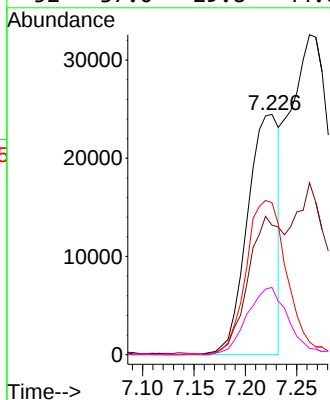
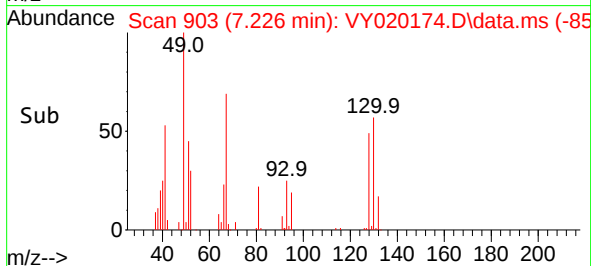


#41
Methacrylonitrile
Concen: 55.185 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Instrument :
MSVOA_Y
ClientSampleId :

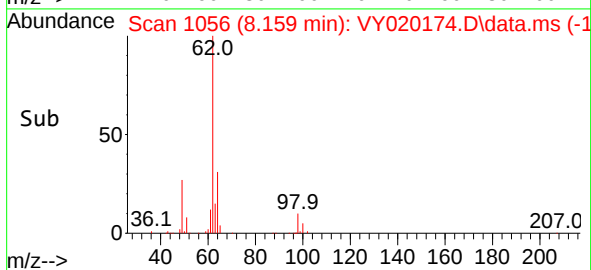
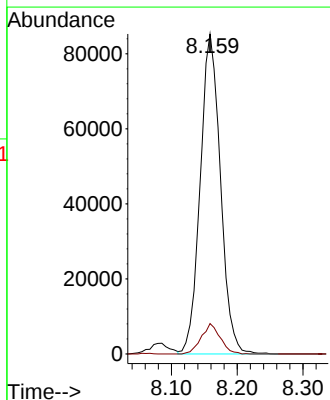
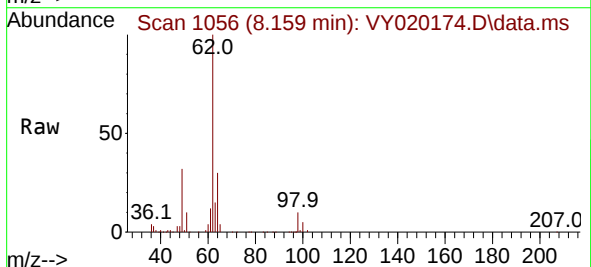


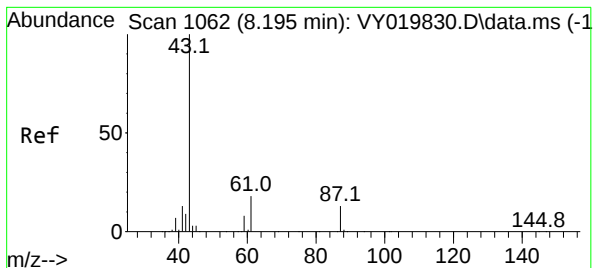
Tgt Ion:	41	Resp:	52322
Ion	Ratio	Lower	Upper
41	100		
39	64.1	48.0	72.0
67	82.7	75.1	112.7
52	37.0	29.8	44.6



#42
1,2-Dichloroethane
Concen: 56.955 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion:	62	Resp:	182677
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 59.082 ug/l

RT: 8.201 min Scan# 1106

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

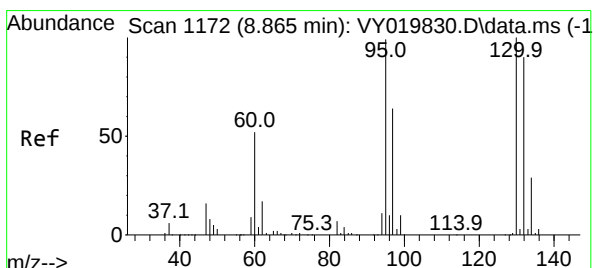
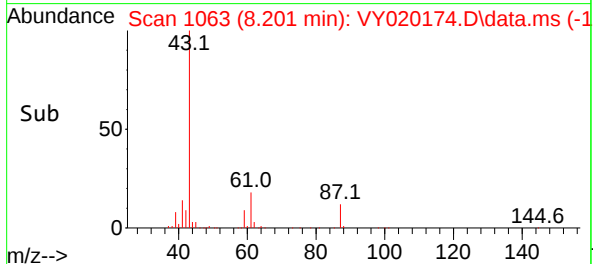
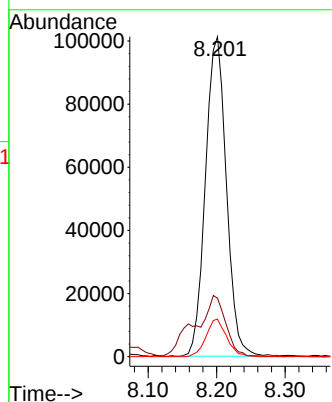
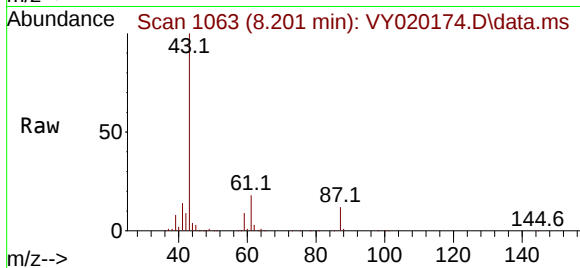
Tgt Ion: 43 Resp: 215034

Ion Ratio Lower Upper

43 100

61 17.7 27.9 41.9#

87 11.6 13.1 19.7#



#44

Trichloroethene

Concen: 55.154 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020174.D

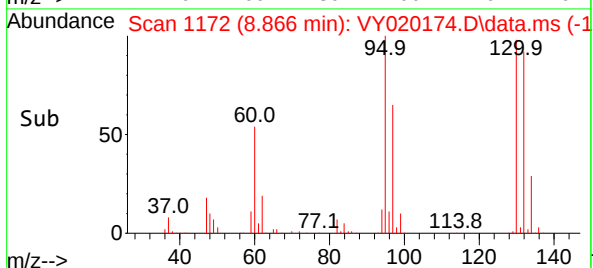
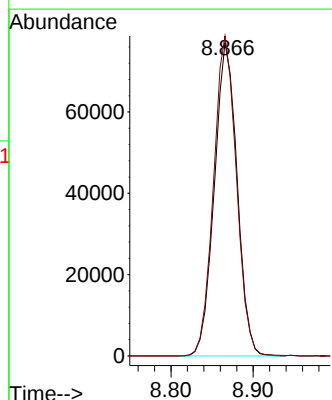
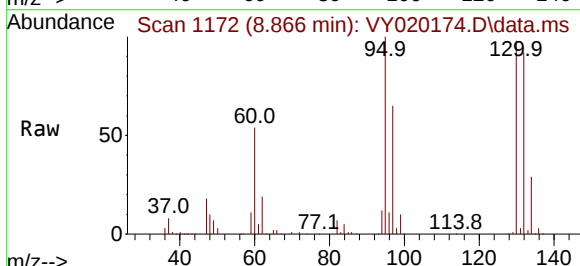
Acq: 06 Nov 2024 11:45

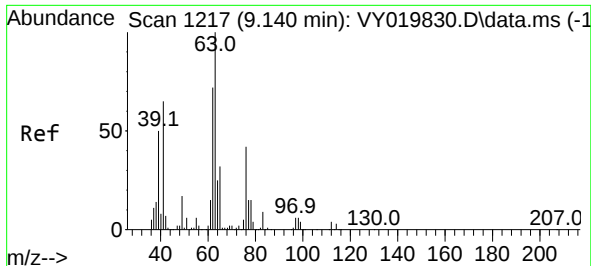
Tgt Ion:130 Resp: 148122

Ion Ratio Lower Upper

130 100

95 102.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 55.719 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

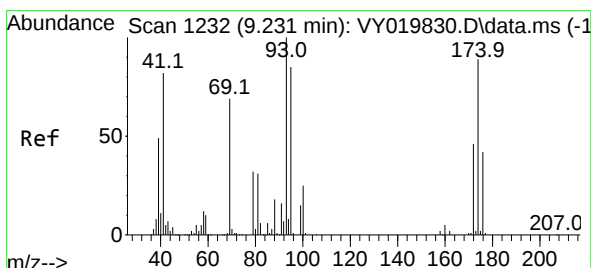
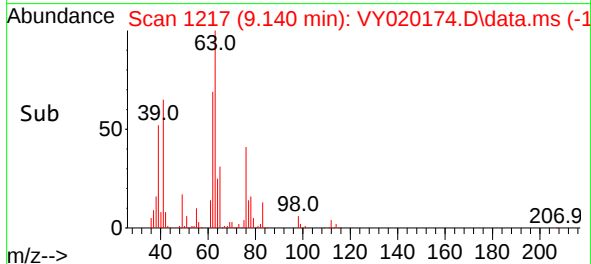
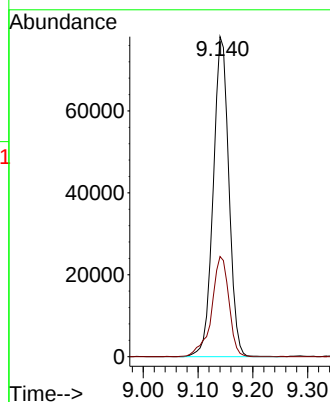
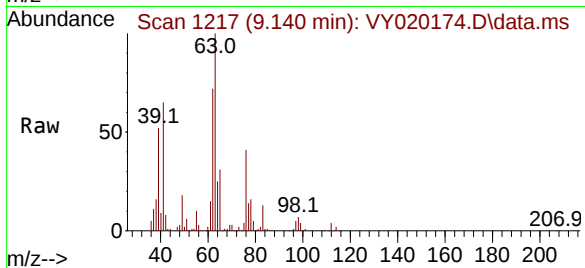
ClientSampleId :

Tgt Ion: 63 Resp: 154471

Ion Ratio Lower Upper

63 100

65 31.2 25.4 38.2



#46

Dibromomethane

Concen: 56.724 ug/l

RT: 9.232 min Scan# 1232

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

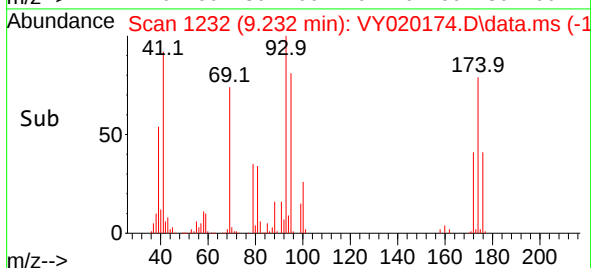
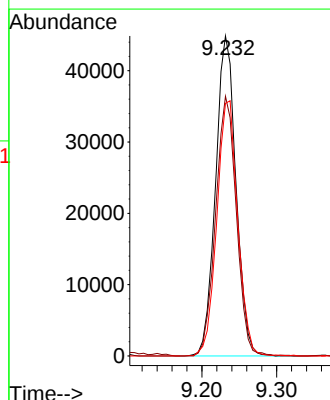
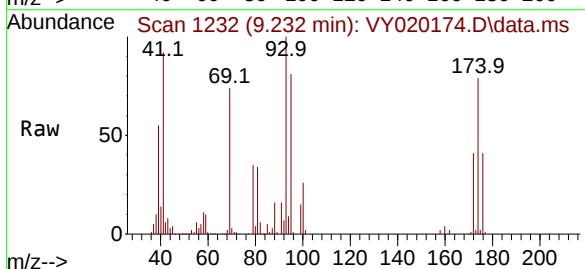
Tgt Ion: 93 Resp: 85209

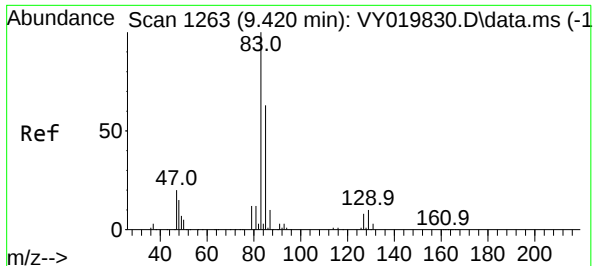
Ion Ratio Lower Upper

93 100

95 82.2 66.2 99.4

174 81.5 80.9 121.3





#47

Bromodichloromethane

Concen: 57.665 ug/l

RT: 9.421 min Scan# 1263

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

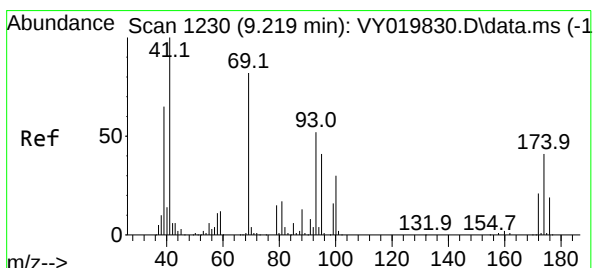
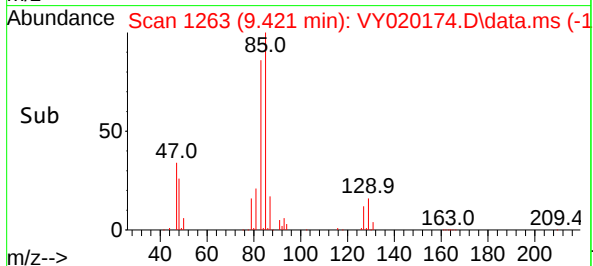
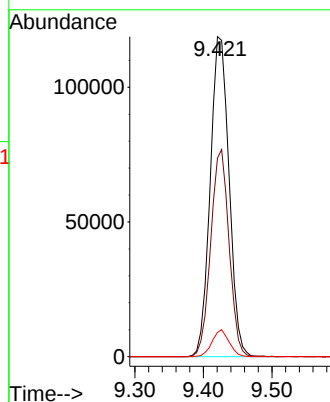
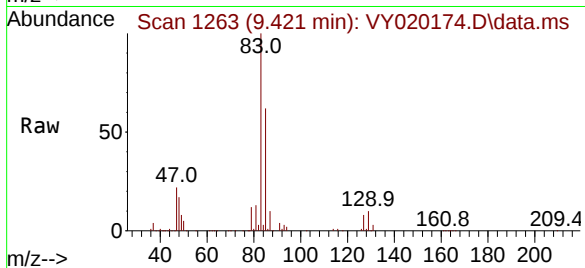
Tgt Ion: 83 Resp: 226927

Ion Ratio Lower Upper

83 100

85 62.1 50.1 75.1

127 7.6 7.4 11.0



#48

Methyl methacrylate

Concen: 60.062 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

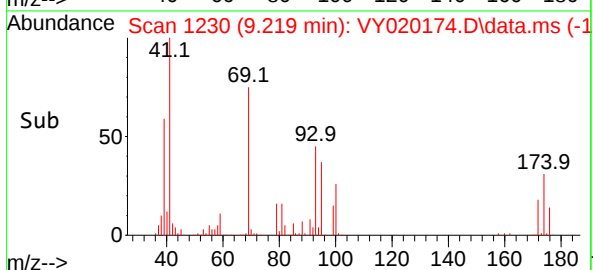
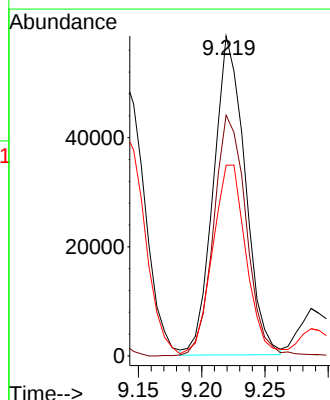
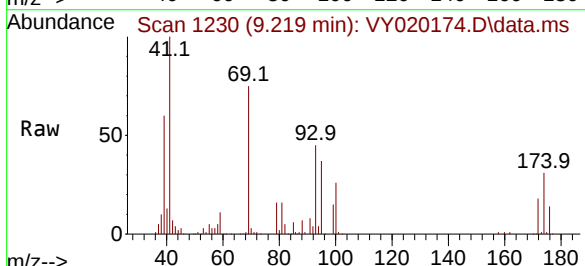
Tgt Ion: 41 Resp: 101256

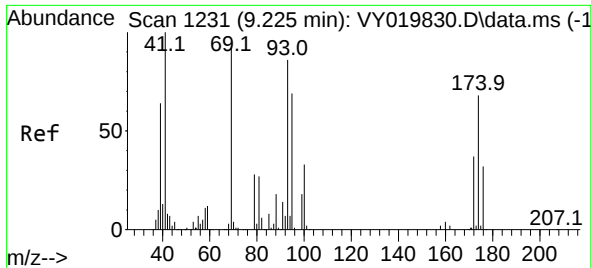
Ion Ratio Lower Upper

41 100

69 78.4 84.1 126.1#

39 62.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1136.984 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

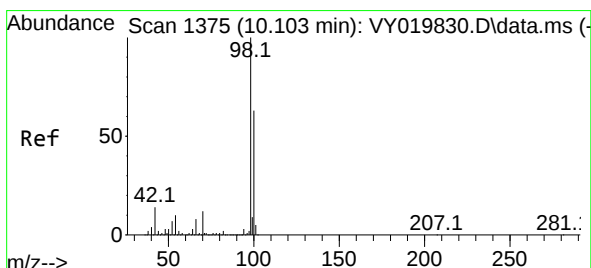
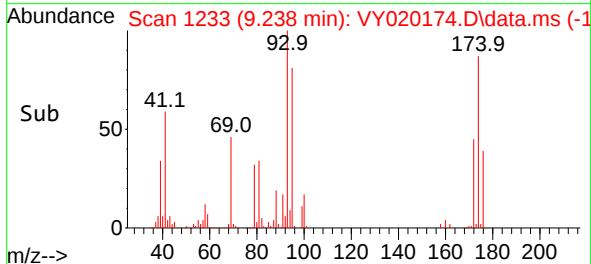
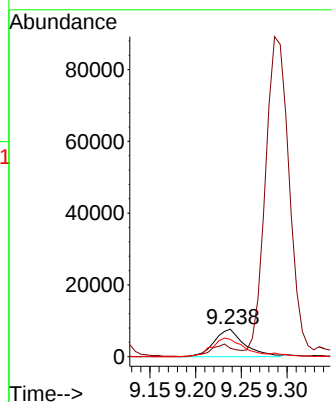
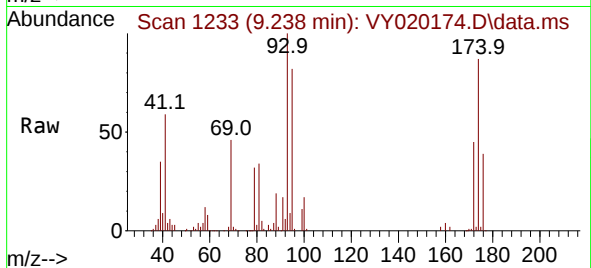
Tgt Ion: 88 Resp: 17584

Ion Ratio Lower Upper

88 100

43 35.7 0.0 0.0#

58 72.2 49.3 73.9



#50

Toluene-d8

Concen: 55.667 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.001 min

Lab File: VY020174.D

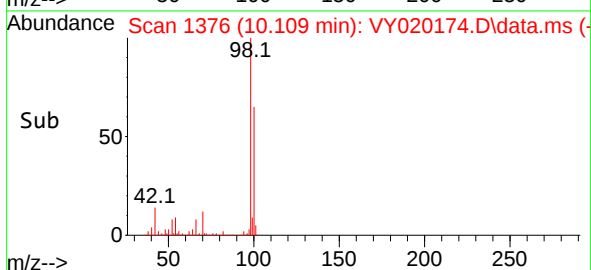
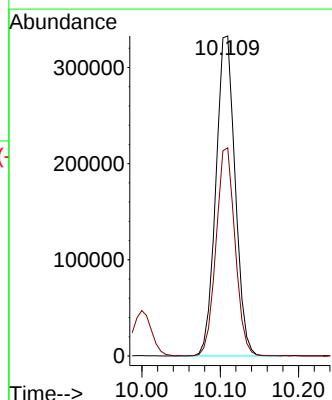
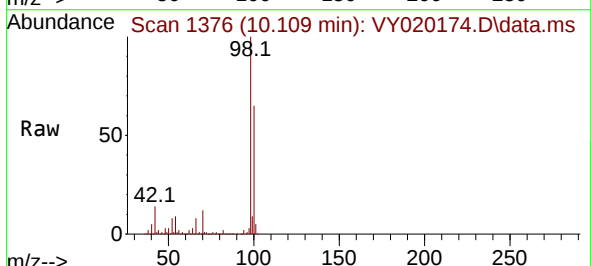
Acq: 06 Nov 2024 11:45

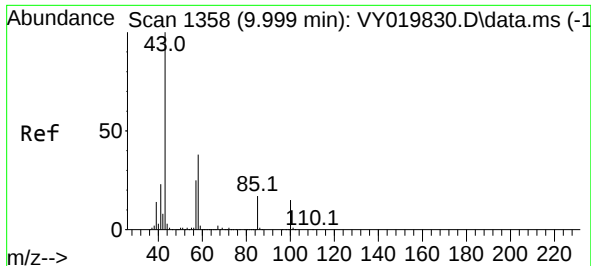
Tgt Ion: 98 Resp: 569440

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

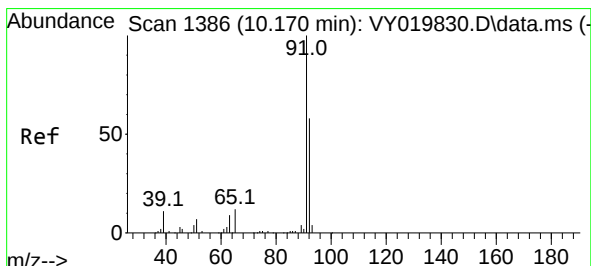
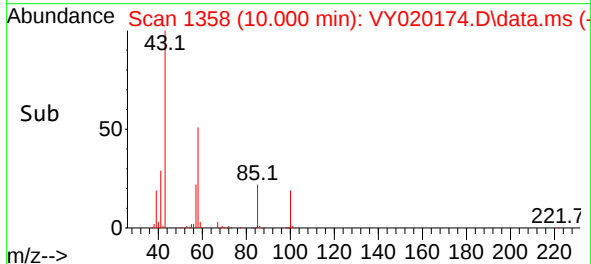
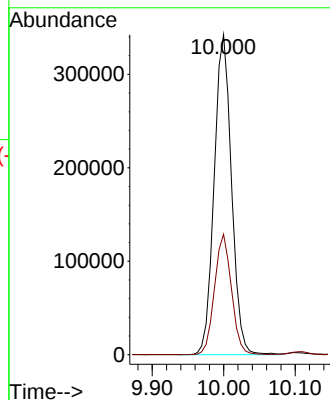
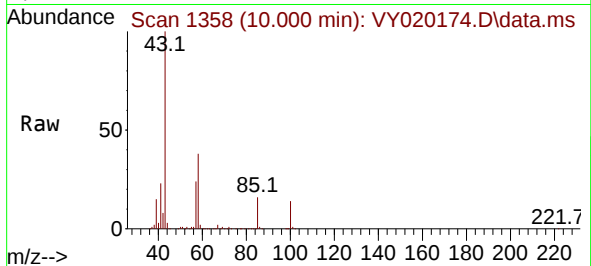




#51
4-Methyl-2-Pentanone
Concen: 307.447 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

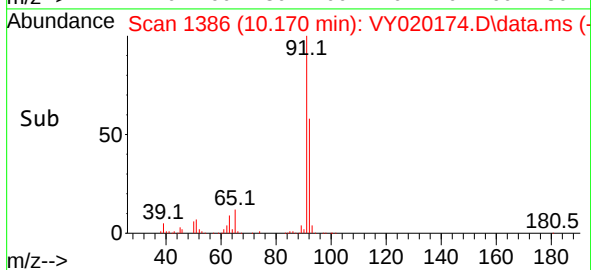
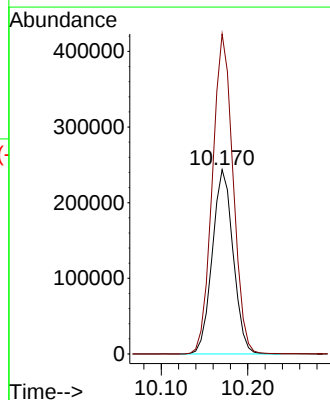
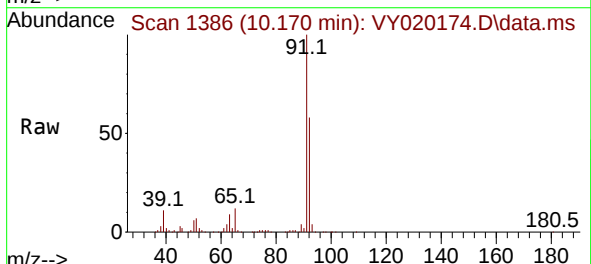
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 576578
Ion Ratio Lower Upper
43 100
58 36.9 35.7 53.5



#52
Toluene
Concen: 56.985 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 92 Resp: 407028
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6

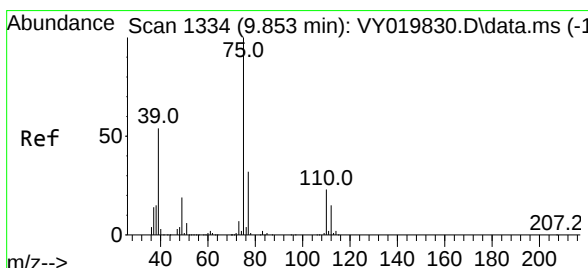
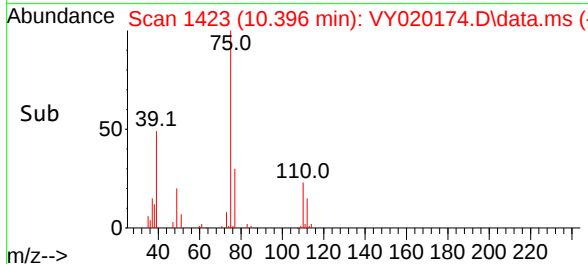
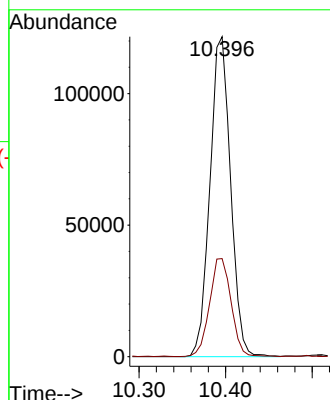
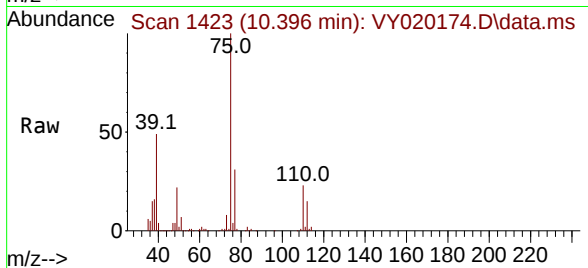




#53
 t-1,3-Dichloropropene
 Concen: 57.937 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.001 min
 Lab File: VY020174.D
 Acq: 06 Nov 2024 11:45

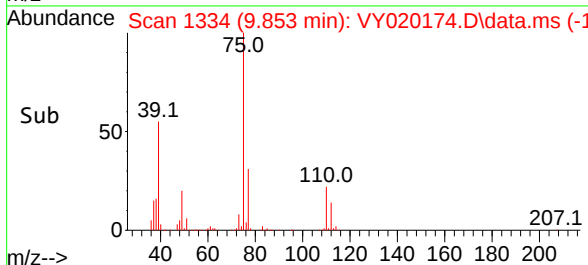
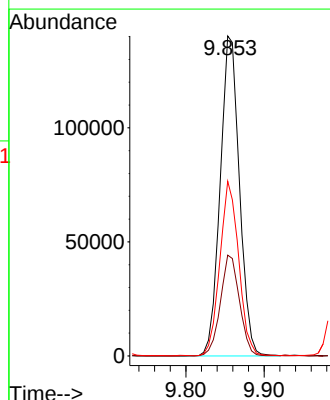
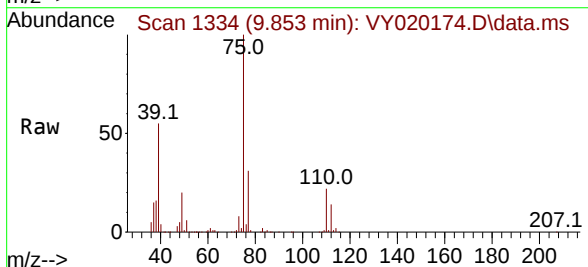
Instrument :
 MSVOA_Y
 ClientSampleId :

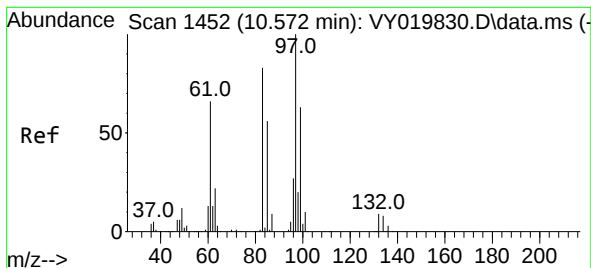
Tgt Ion: 75 Resp: 201332
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 57.807 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY020174.D
 Acq: 06 Nov 2024 11:45

Tgt Ion: 75 Resp: 239767
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0
 39 54.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.548 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 107484

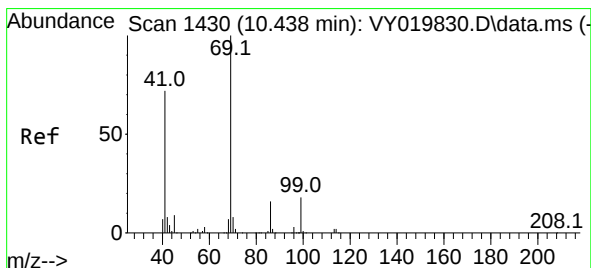
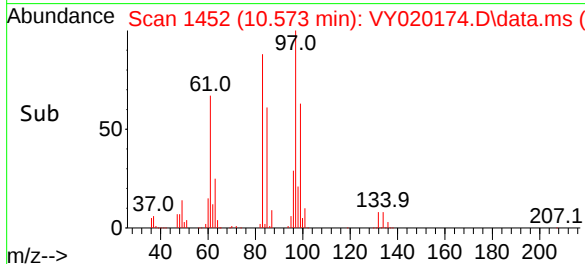
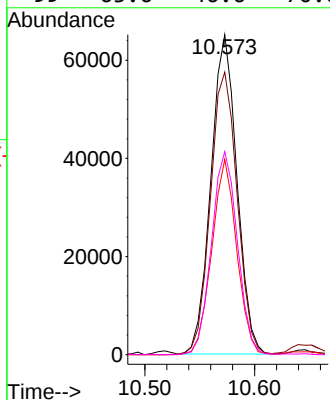
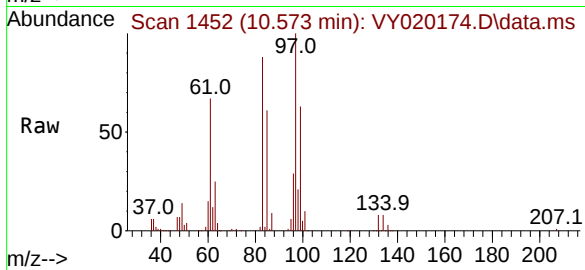
Ion Ratio Lower Upper

97 100

83 88.4 67.5 101.3

85 61.0 42.9 64.3

99 63.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 62.248 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

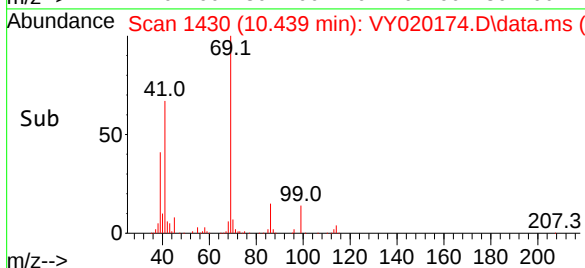
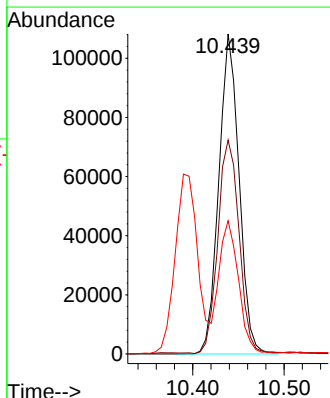
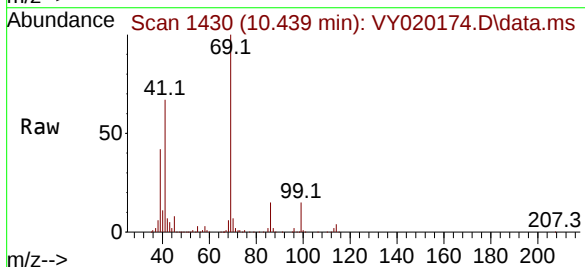
Tgt Ion: 69 Resp: 166771

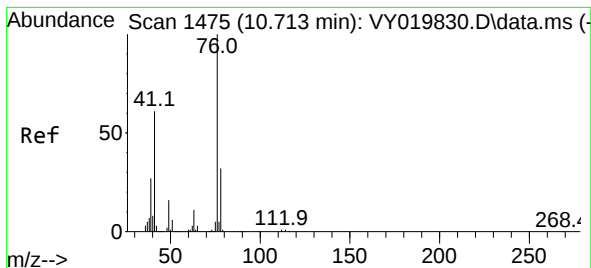
Ion Ratio Lower Upper

69 100

41 69.9 42.3 63.5#

39 39.3 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 57.730 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

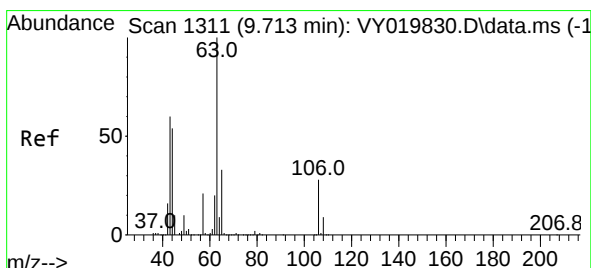
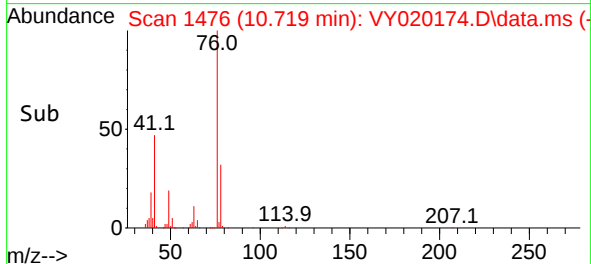
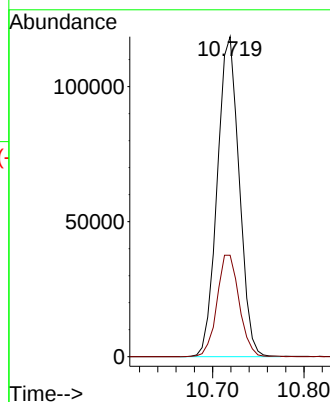
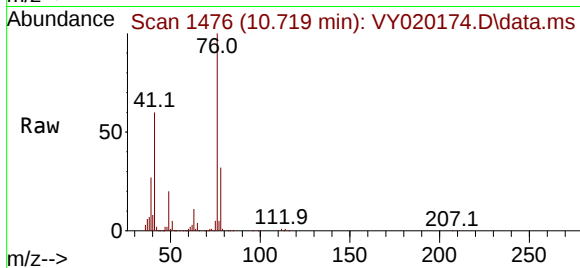
ClientSampleId :

Tgt Ion: 76 Resp: 197455

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 269.756 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.001 min

Lab File: VY020174.D

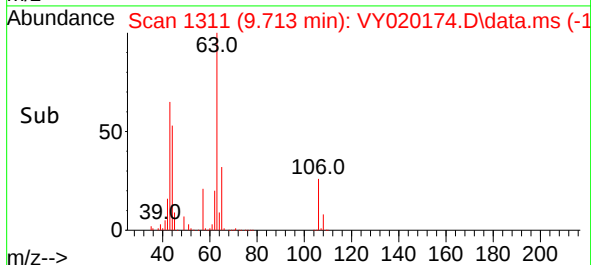
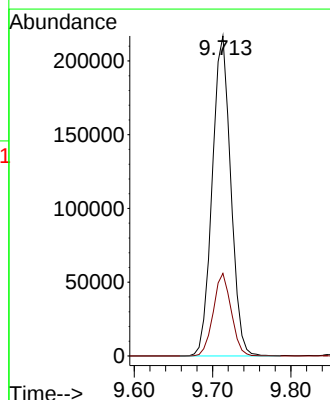
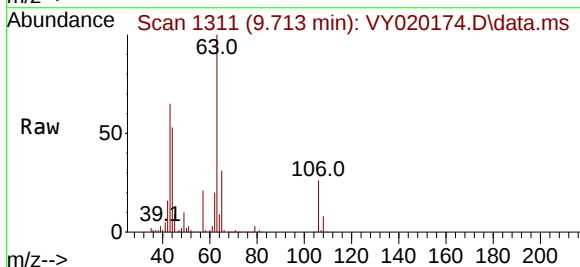
Acq: 06 Nov 2024 11:45

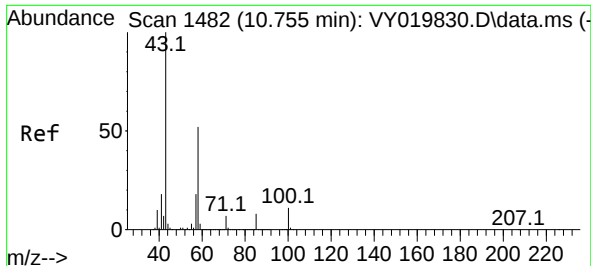
Tgt Ion: 63 Resp: 356421

Ion Ratio Lower Upper

63 100

106 25.0 23.7 35.5

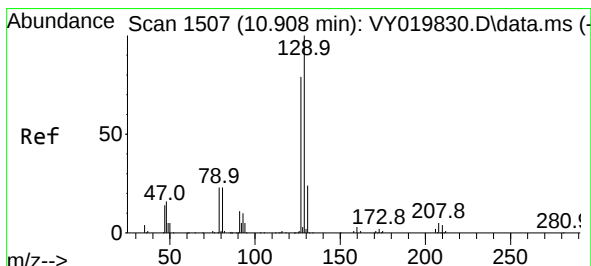
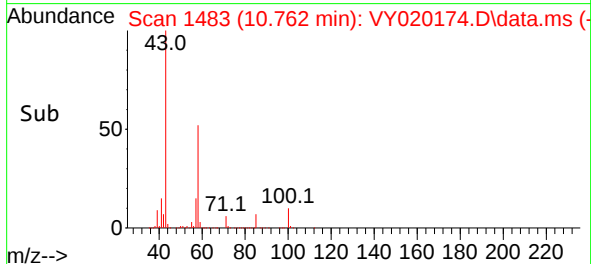
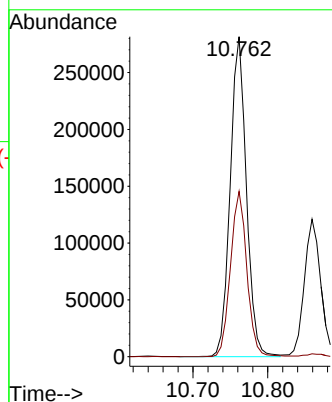
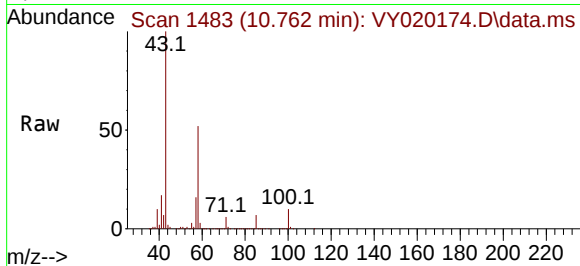




#59
2-Hexanone
Concen: 315.140 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

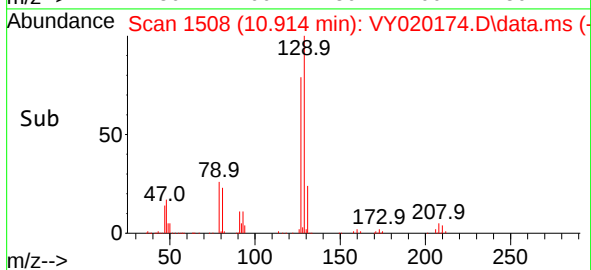
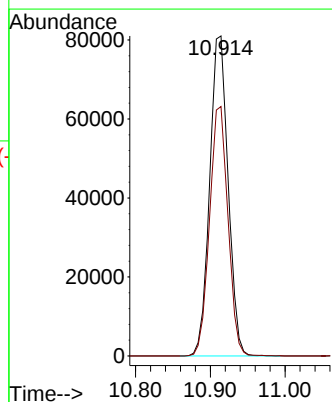
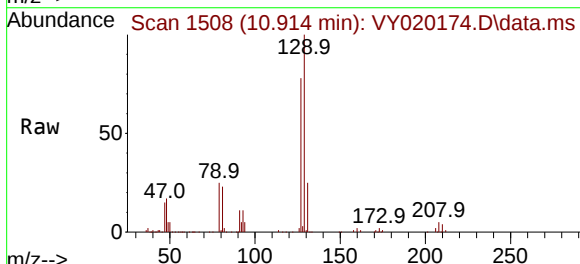
Instrument :
MSVOA_Y
ClientSampleId :

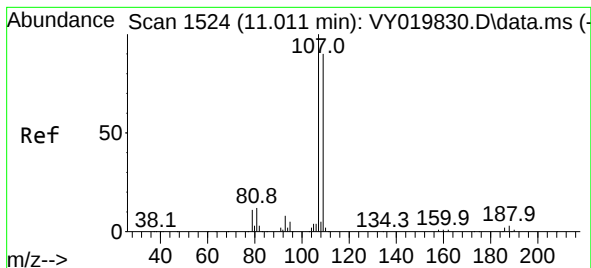
Tgt Ion: 43 Resp: 423706
Ion Ratio Lower Upper
43 100
58 52.5 31.4 94.0



#60
Dibromochloromethane
Concen: 58.361 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 129 Resp: 138945
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

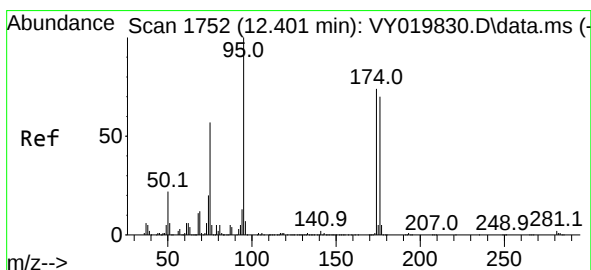
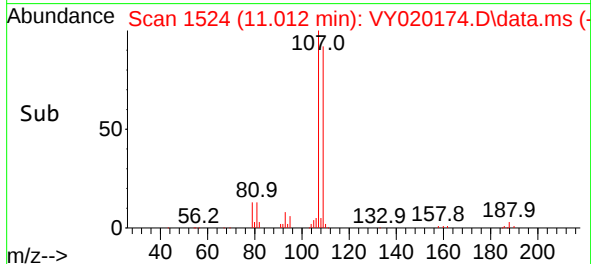
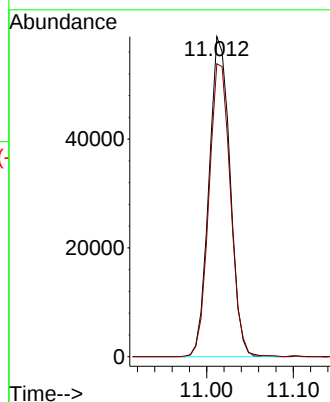
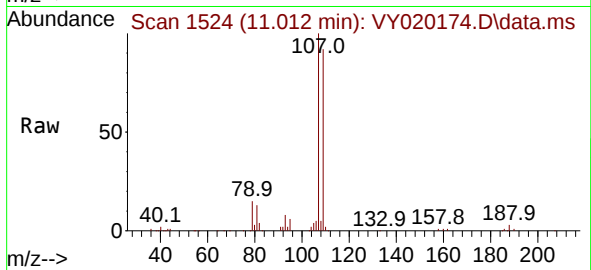




#61
1,2-Dibromoethane
Concen: 57.275 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

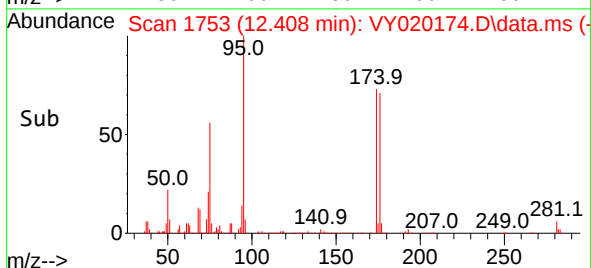
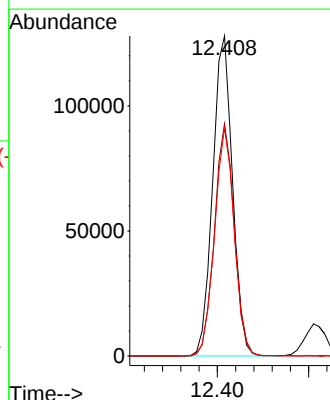
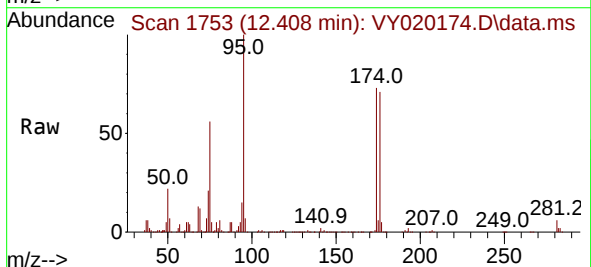
Instrument :
MSVOA_Y
ClientSampleId :

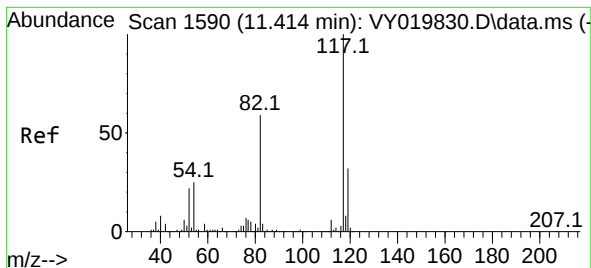
Tgt Ion:107 Resp: 99386
Ion Ratio Lower Upper
107 100
109 93.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 57.739 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 95 Resp: 191843
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

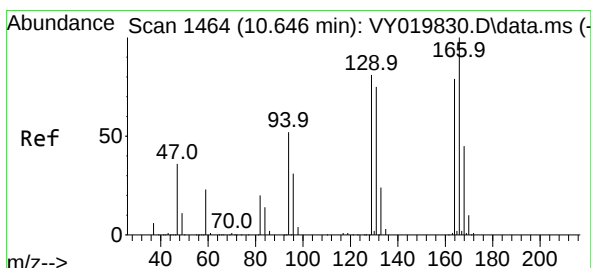
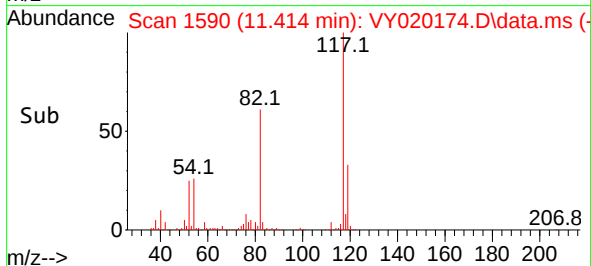
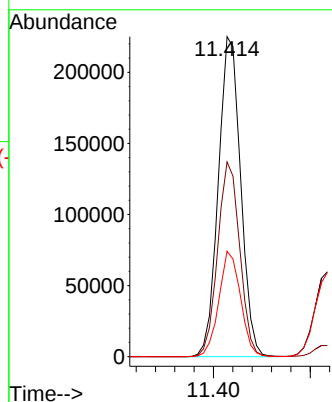
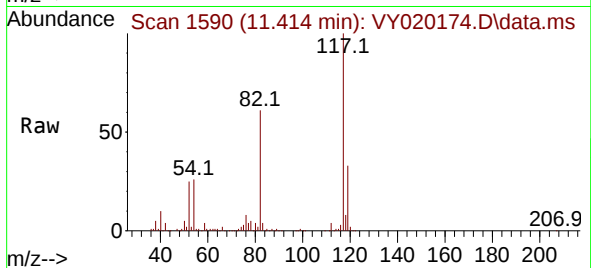
Tgt Ion:117 Resp: 360026

Ion Ratio Lower Upper

117 100

82 60.8 42.4 63.6

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 54.853 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Tgt Ion:164 Resp: 130392

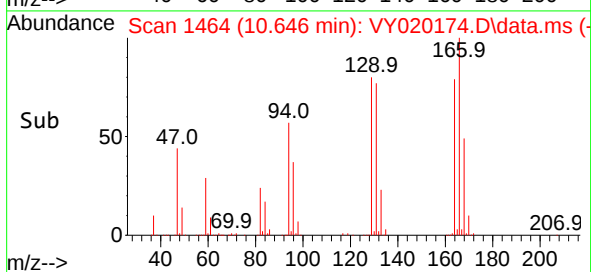
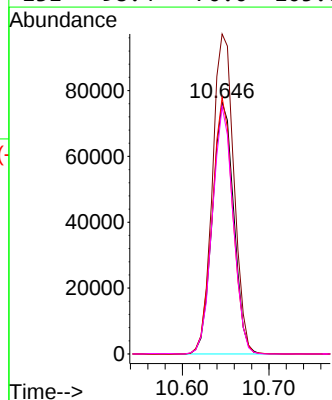
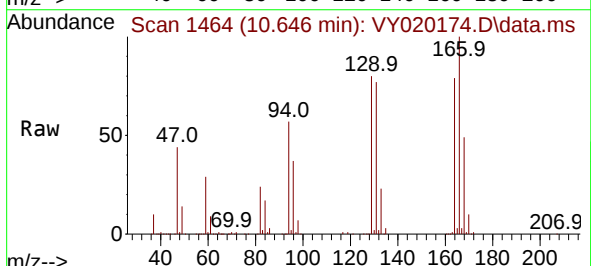
Ion Ratio Lower Upper

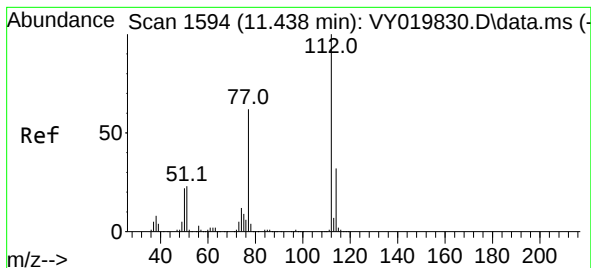
164 100

166 127.2 102.6 154.0

129 102.0 72.0 108.0

131 98.4 70.0 105.0





#65

Chlorobenzene

Concen: 55.192 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

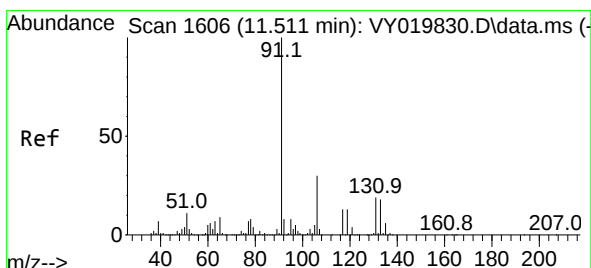
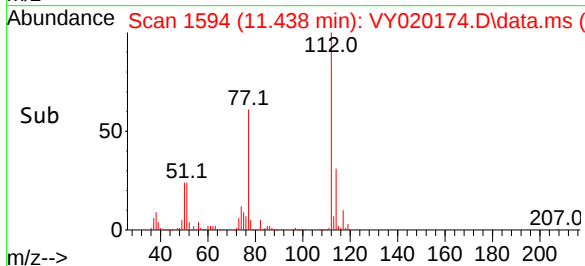
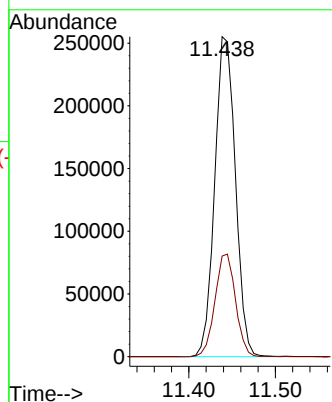
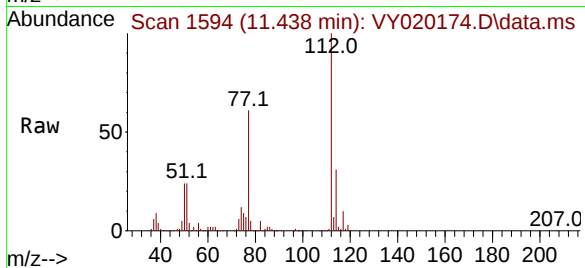
ClientSampleId :

Tgt Ion:112 Resp: 423395

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.788 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

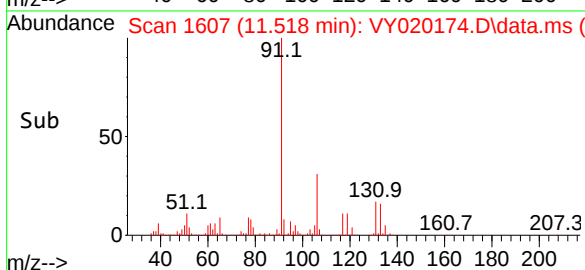
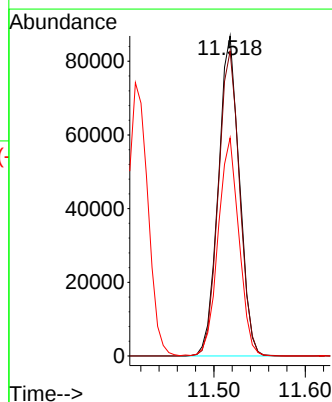
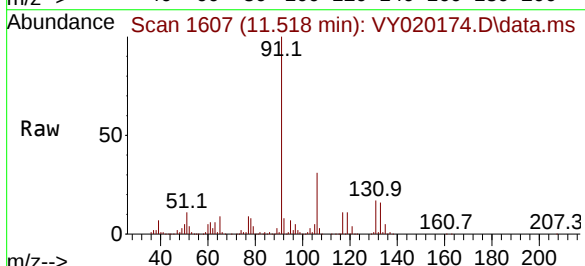
Tgt Ion:131 Resp: 139183

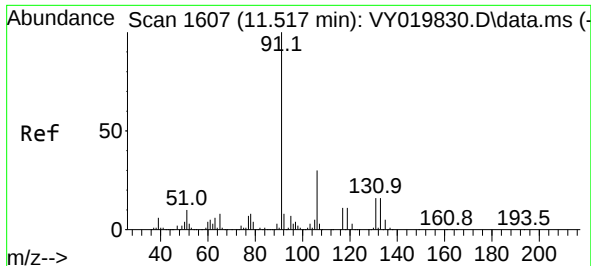
Ion Ratio Lower Upper

131 100

133 96.0 47.8 143.3

119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 55.219 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

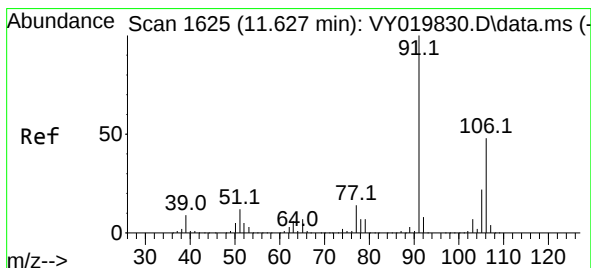
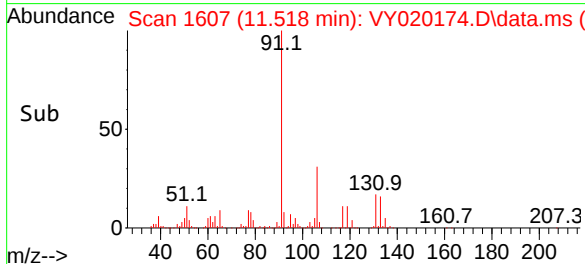
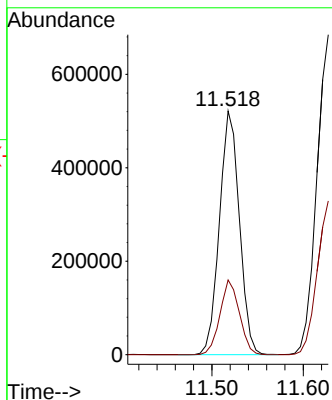
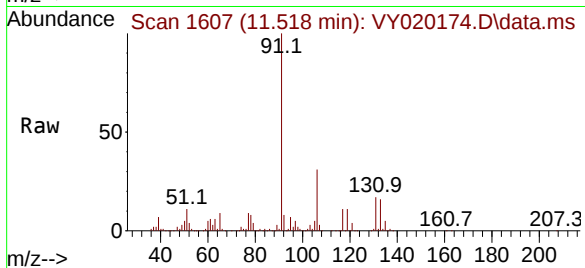
ClientSampleId :

Tgt Ion: 91 Resp: 791843

Ion Ratio Lower Upper

91 100

106 30.7 24.5 36.7



#68

m/p-Xylenes

Concen: 111.472 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020174.D

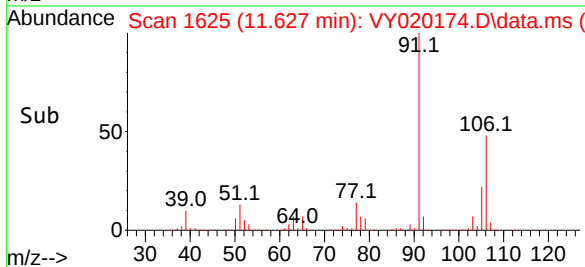
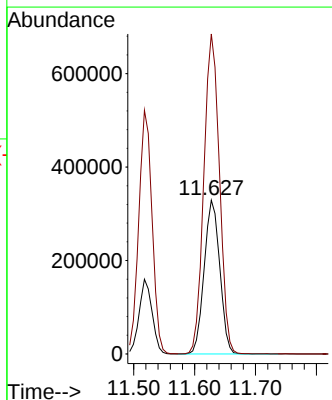
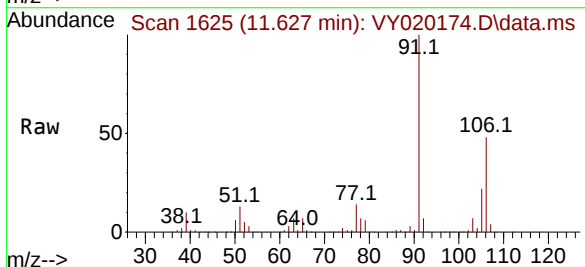
Acq: 06 Nov 2024 11:45

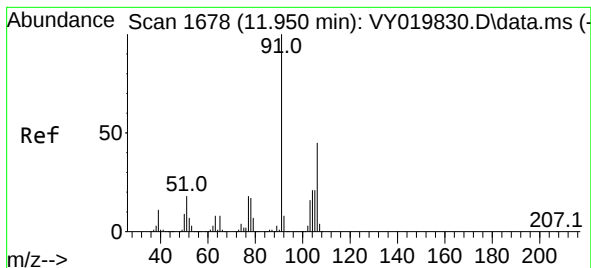
Tgt Ion:106 Resp: 584843

Ion Ratio Lower Upper

106 100

91 208.3 156.0 234.0

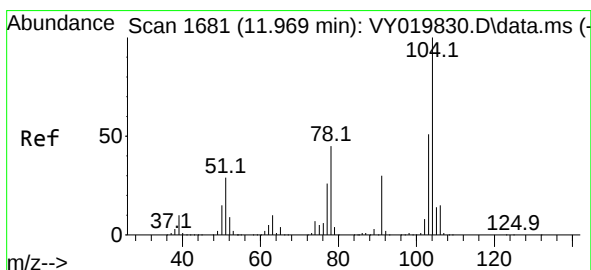
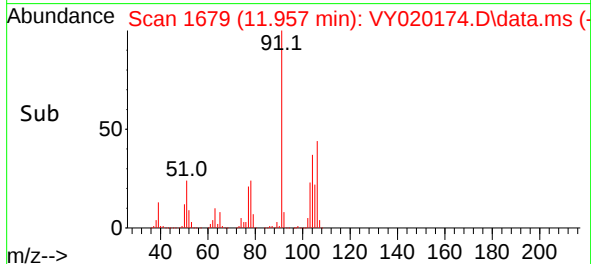
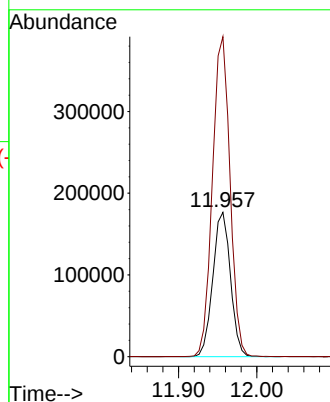
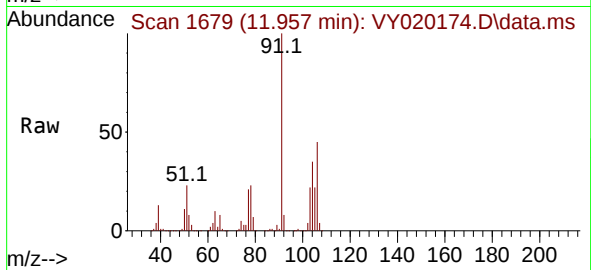




#69
o-Xylene
Concen: 55.637 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

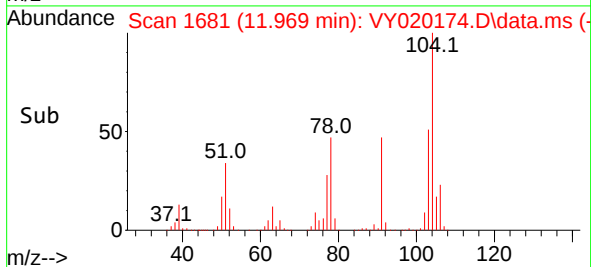
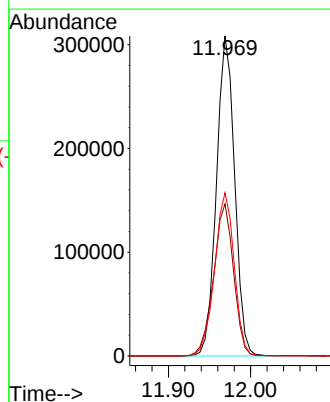
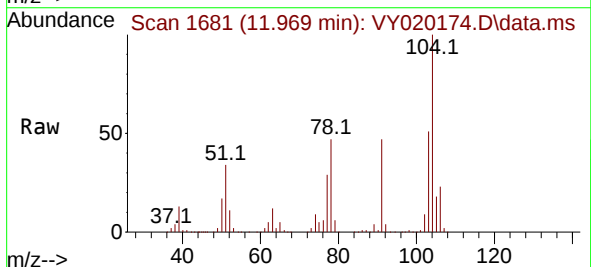
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:106 Resp: 276362
Ion Ratio Lower Upper
106 100
91 220.8 103.6 310.8



#70
Styrene
Concen: 57.823 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion:104 Resp: 474896
Ion Ratio Lower Upper
104 100
78 52.1 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 61.017 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY020174.D

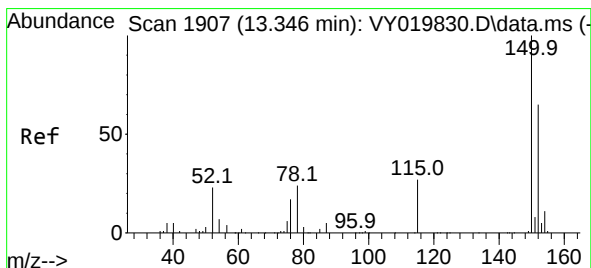
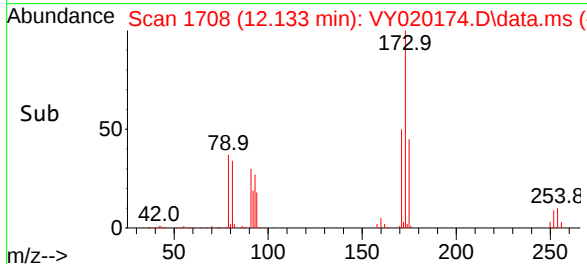
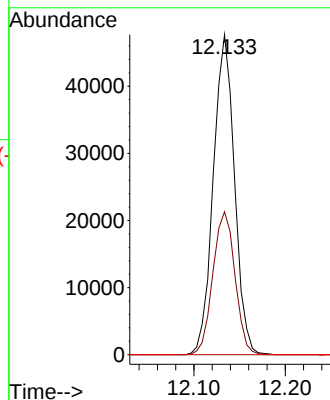
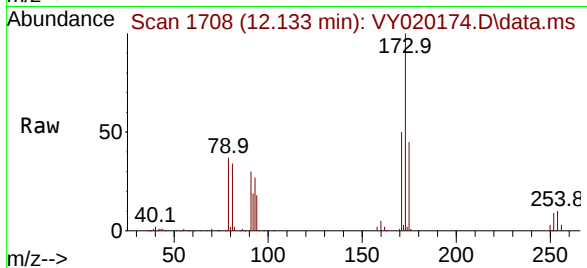
Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 76720
 Ion Ratio Lower Upper
 173 100
 175 46.6 25.1 75.3
 254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

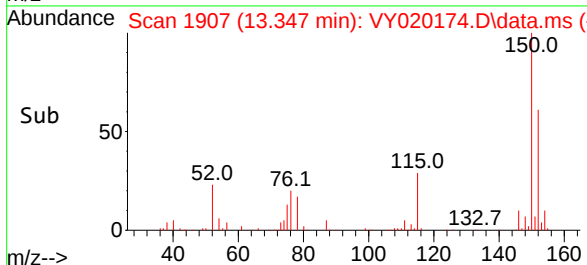
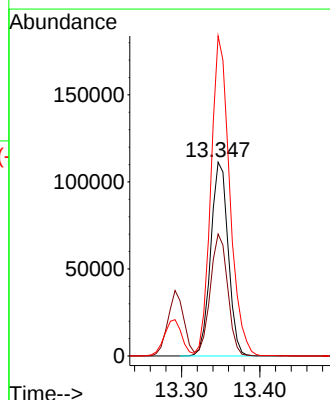
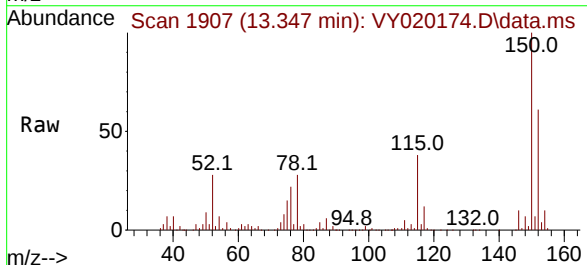
RT: 13.347 min Scan# 1907

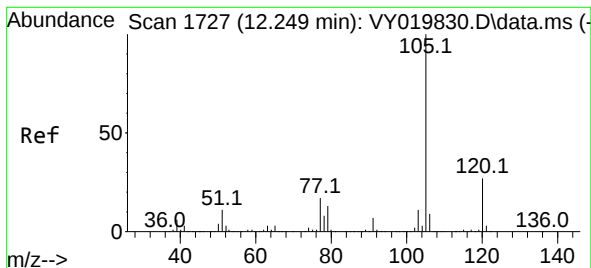
Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Tgt Ion:152 Resp: 172006
 Ion Ratio Lower Upper
 152 100
 115 62.5 28.2 84.7
 150 177.7 0.0 345.6





#73

Isopropylbenzene

Concen: 54.253 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

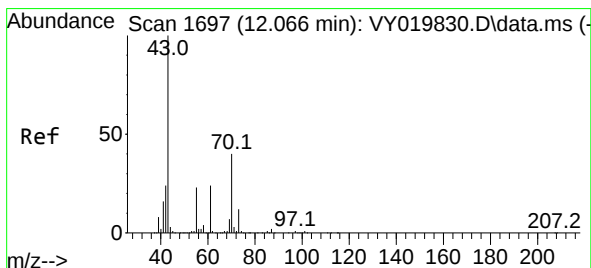
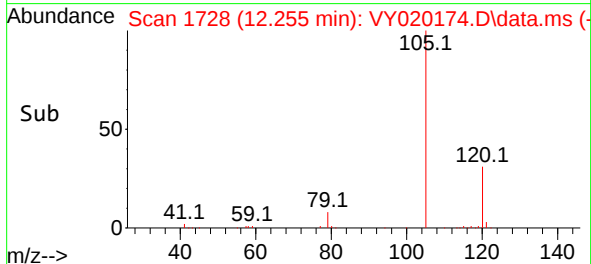
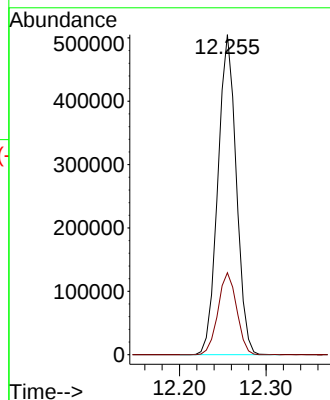
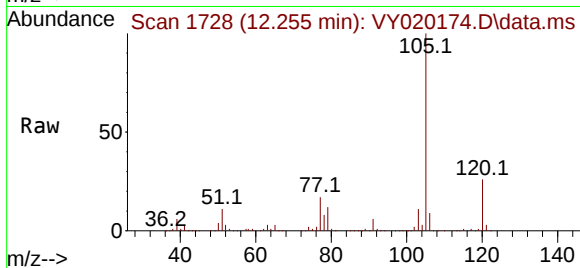
ClientSampleId :

Tgt Ion:105 Resp: 745476

Ion Ratio Lower Upper

105 100

120 26.0 13.4 40.1



#74

N-ethyl acetate

Concen: 59.414 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Tgt Ion: 43 Resp: 204074

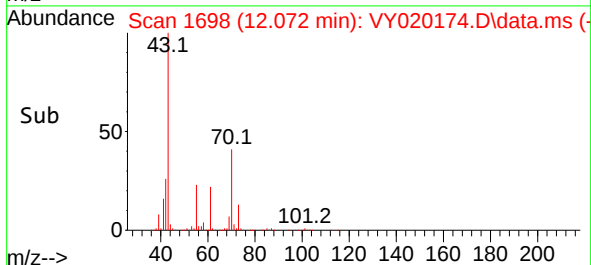
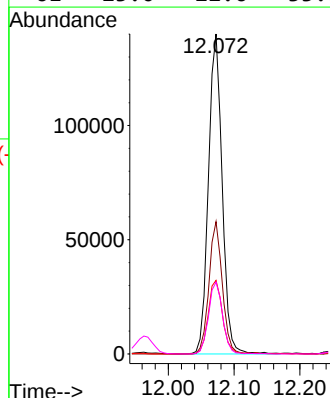
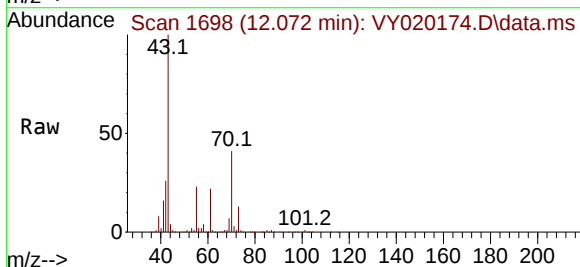
Ion Ratio Lower Upper

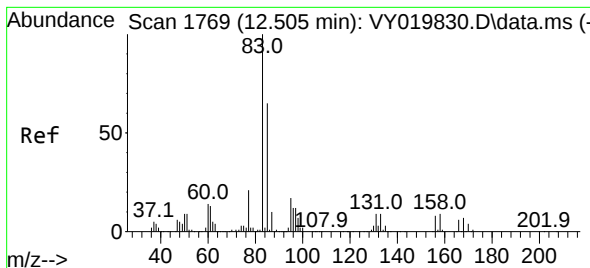
43 100

70 40.3 41.4 62.2#

55 24.1 23.3 34.9

61 23.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 56.261 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

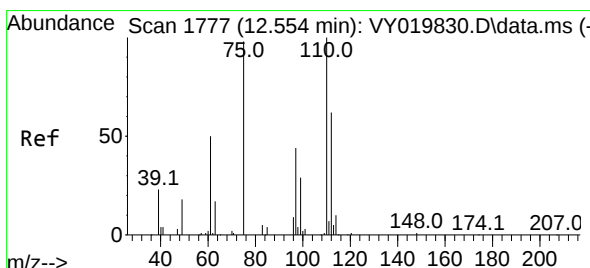
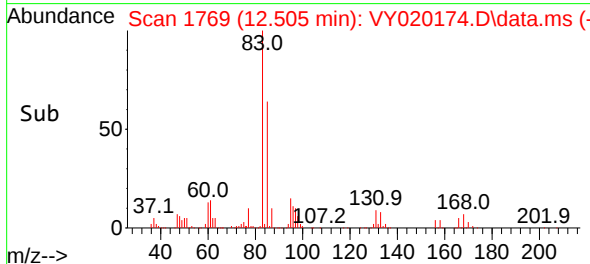
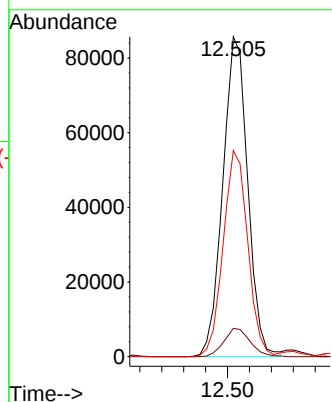
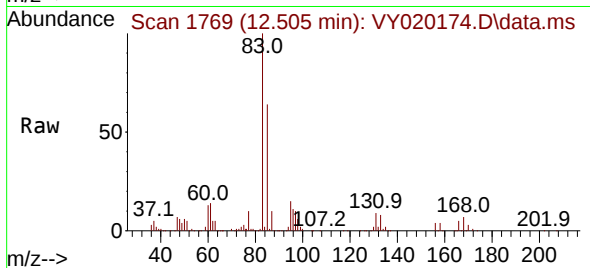
Tgt Ion: 83 Resp: 135201

Ion Ratio Lower Upper

83 100

131 9.4 5.0 14.9

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 108.058 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY020174.D

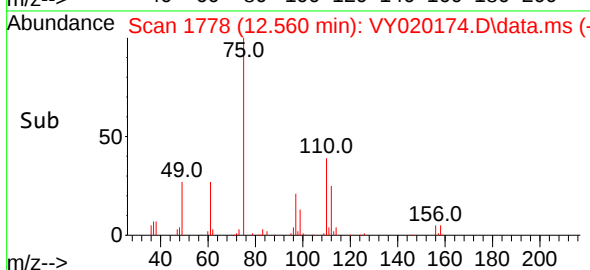
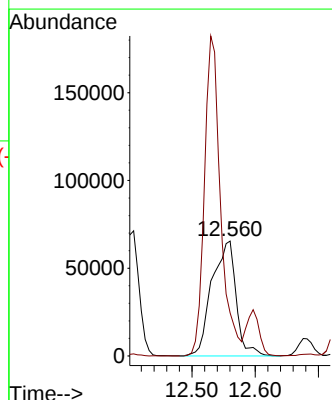
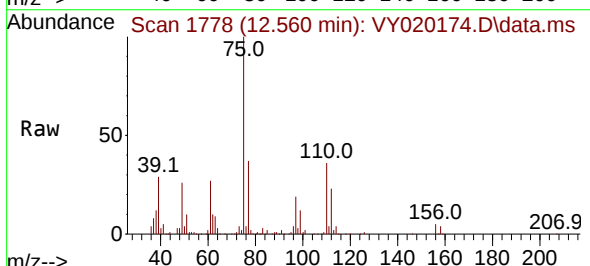
Acq: 06 Nov 2024 11:45

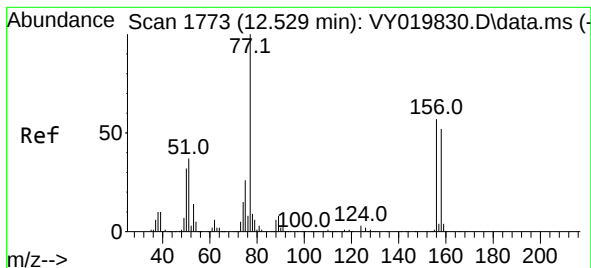
Tgt Ion: 75 Resp: 174230

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.613 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

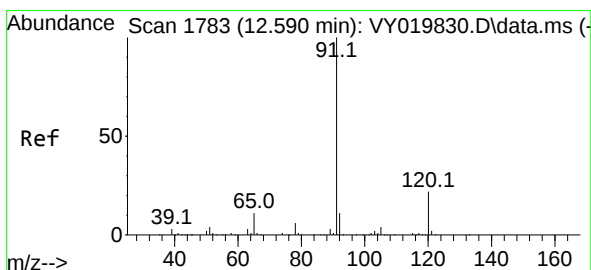
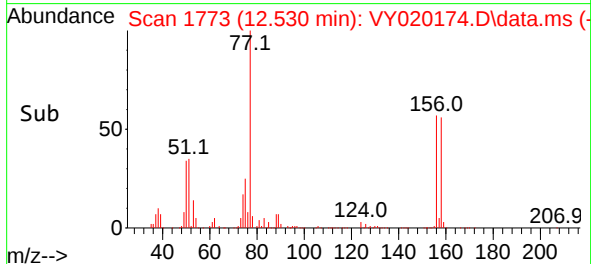
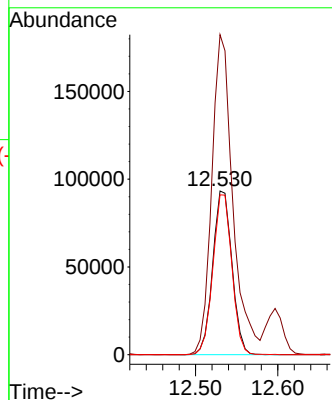
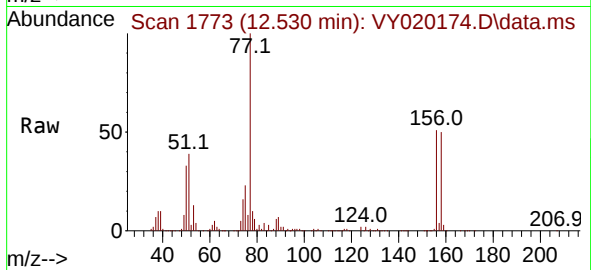
Tgt Ion:156 Resp: 151764

Ion Ratio Lower Upper

156 100

77 213.7 87.1 261.3

158 96.3 48.6 145.9



#78

n-propylbenzene

Concen: 54.688 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.001 min

Lab File: VY020174.D

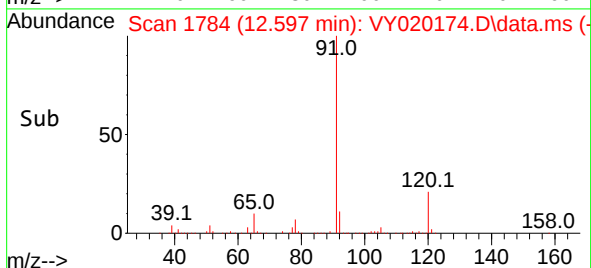
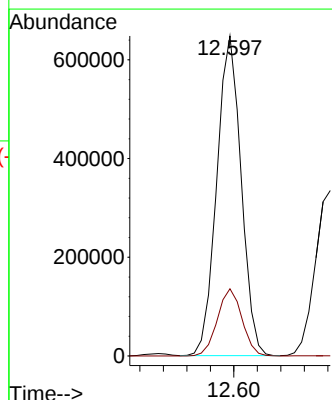
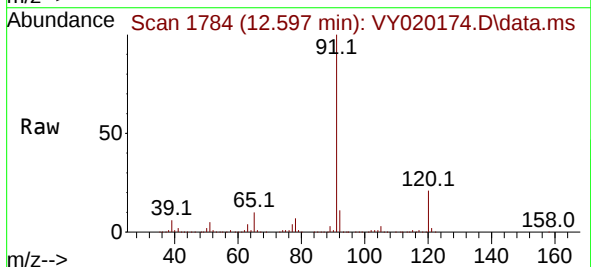
Acq: 06 Nov 2024 11:45

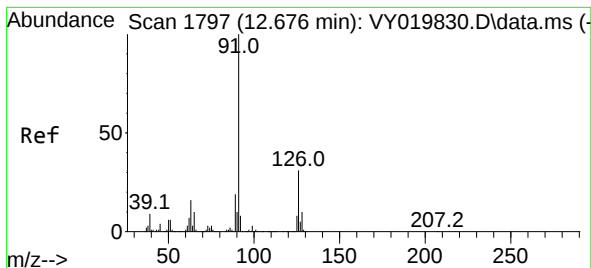
Tgt Ion: 91 Resp: 935230

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.332 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

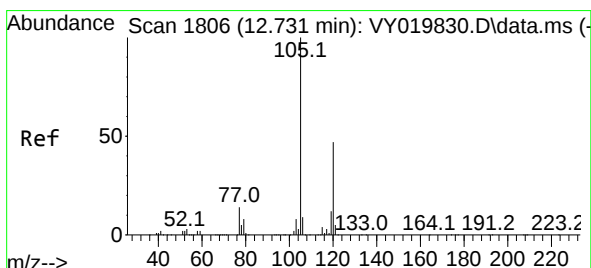
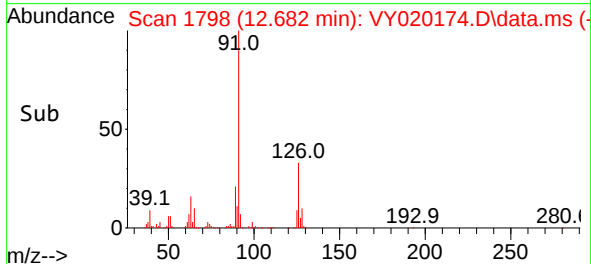
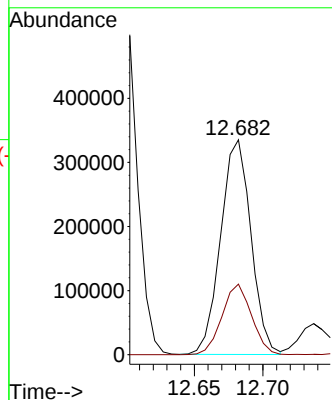
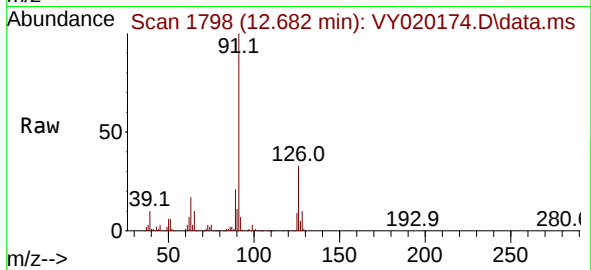
ClientSampleId :

Tgt Ion: 91 Resp: 515754

Ion Ratio Lower Upper

91 100

126 32.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 55.337 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.001 min

Lab File: VY020174.D

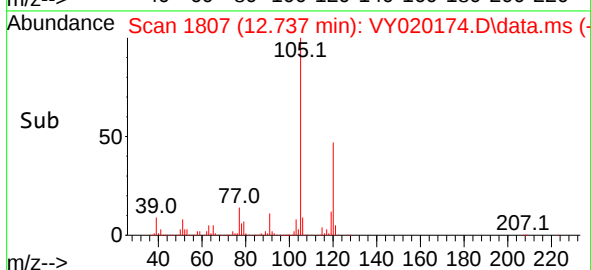
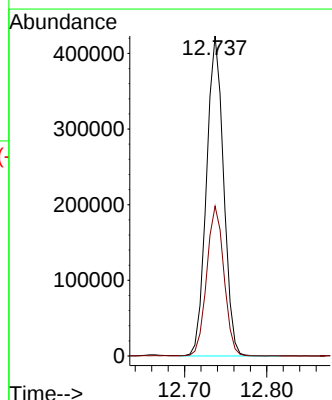
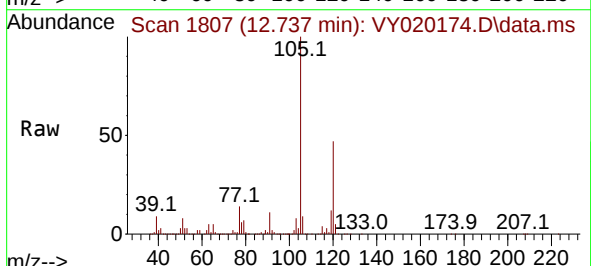
Acq: 06 Nov 2024 11:45

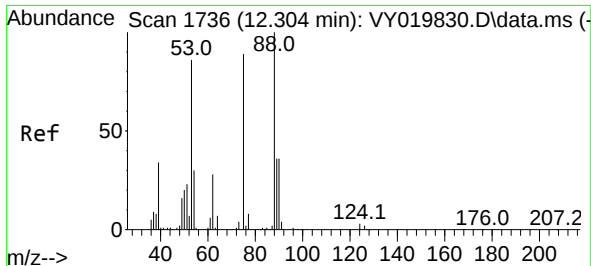
Tgt Ion: 105 Resp: 610442

Ion Ratio Lower Upper

105 100

120 47.3 25.1 75.2

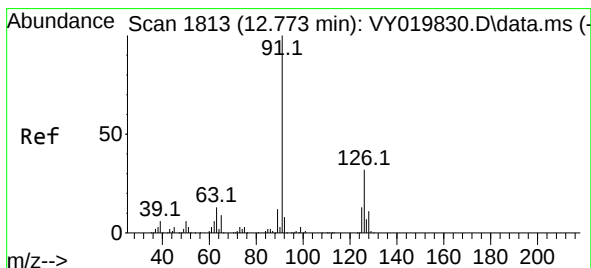
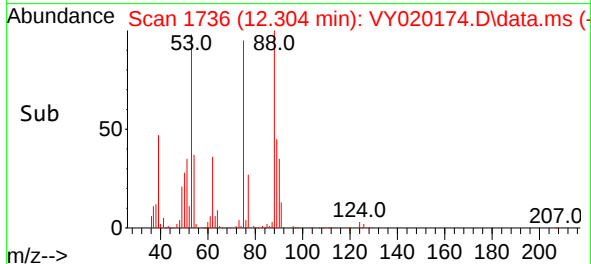
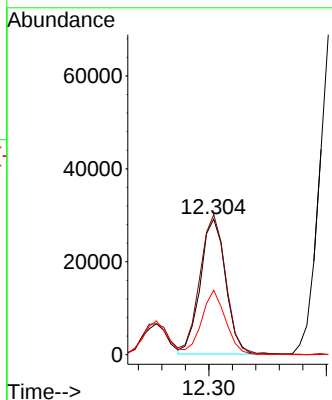
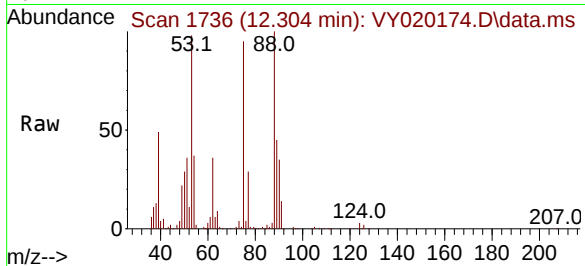




#81
trans-1,4-Dichloro-2-butene
Concen: 58.136 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

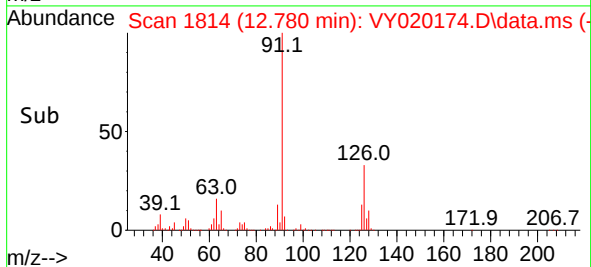
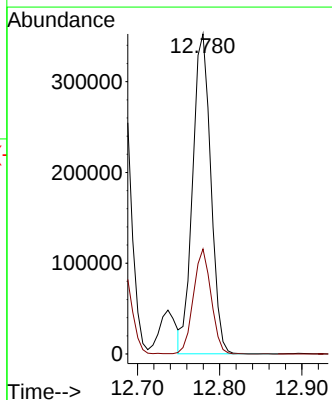
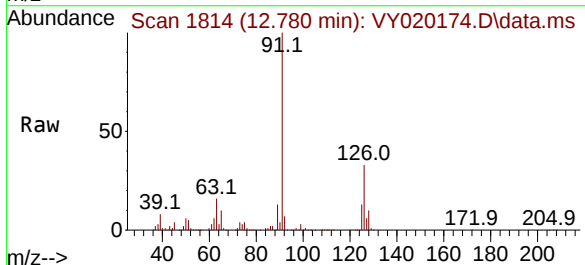
Instrument :
MSVOA_Y
ClientSampleId :

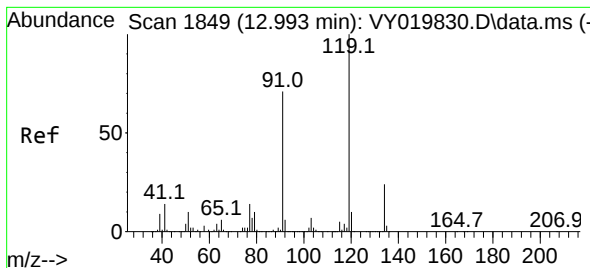
Tgt Ion: 75 Resp: 43579
Ion Ratio Lower Upper
75 100
53 106.7 66.8 100.2#
89 44.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 55.652 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

Tgt Ion: 91 Resp: 538644
Ion Ratio Lower Upper
91 100
126 32.0 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.575 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

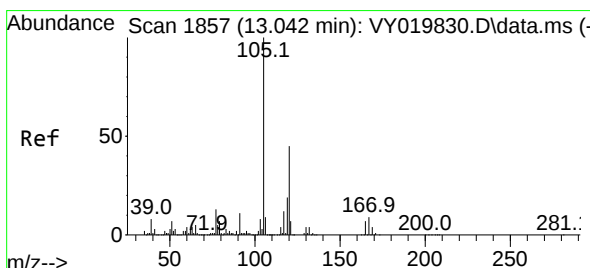
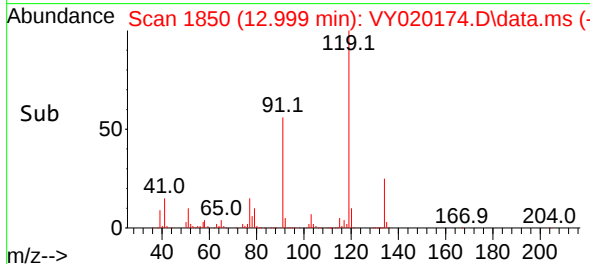
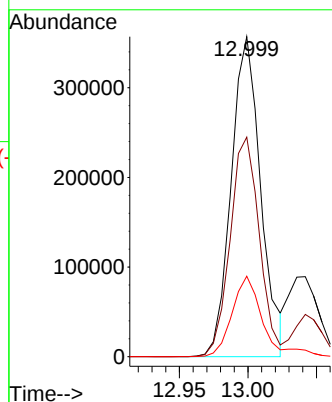
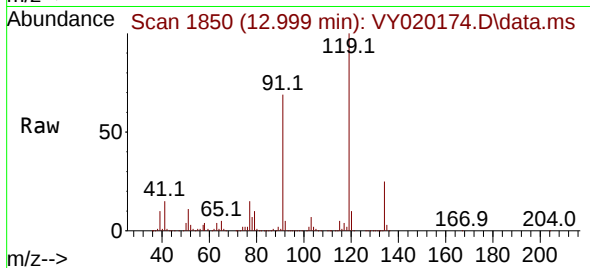
Tgt Ion:119 Resp: 536088

Ion Ratio Lower Upper

119 100

91 67.8 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 55.610 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020174.D

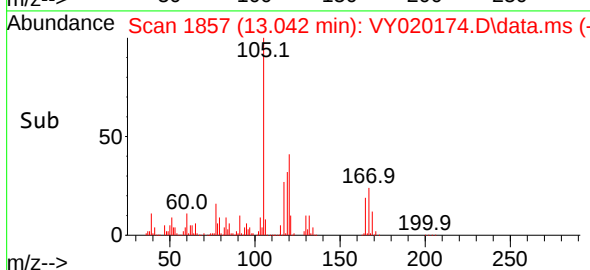
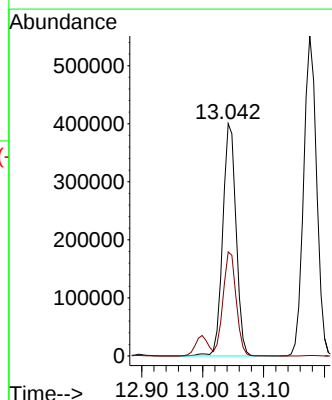
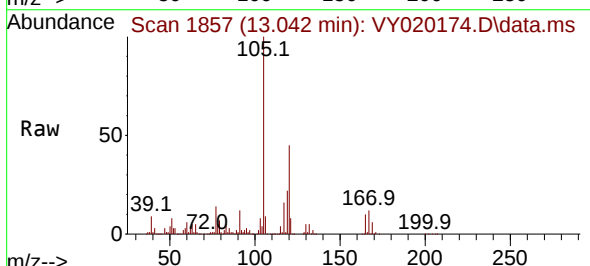
Acq: 06 Nov 2024 11:45

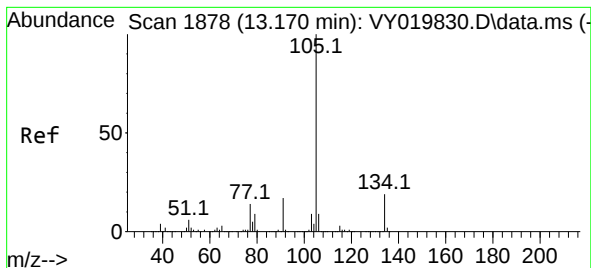
Tgt Ion:105 Resp: 607618

Ion Ratio Lower Upper

105 100

120 44.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.054 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

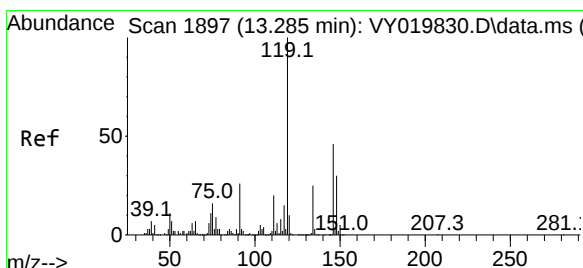
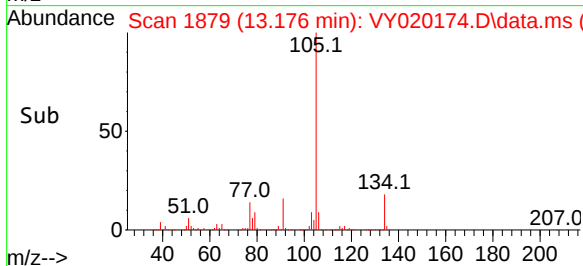
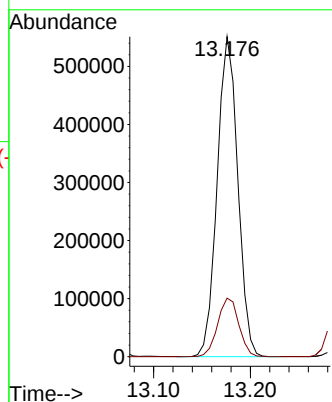
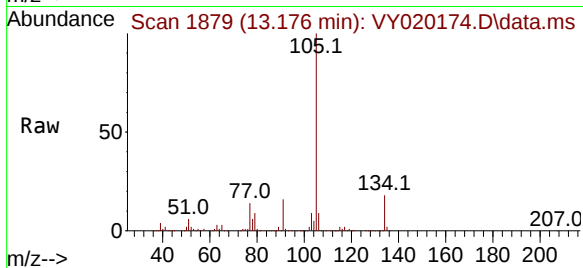
ClientSampleId :

Tgt Ion:105 Resp: 815272

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 55.591 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

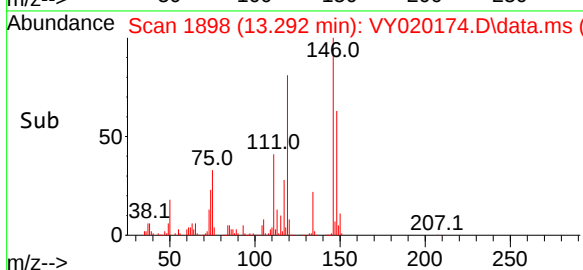
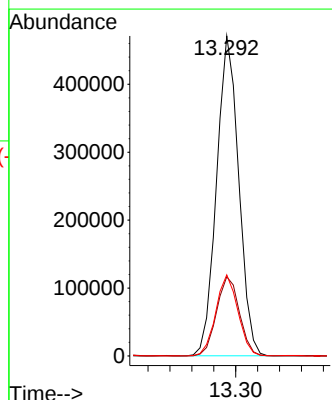
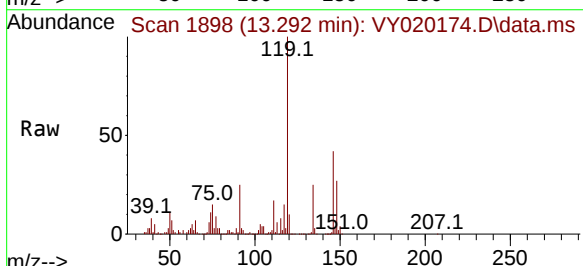
Tgt Ion:119 Resp: 660607

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: 55.965 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

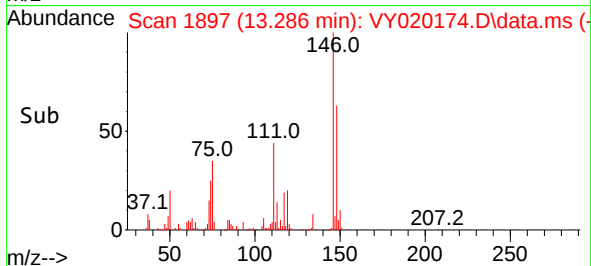
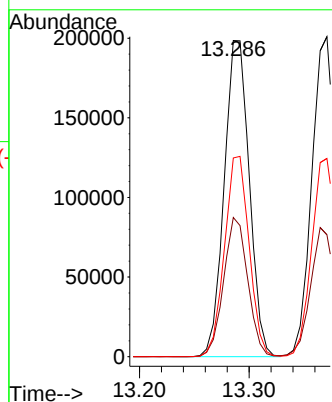
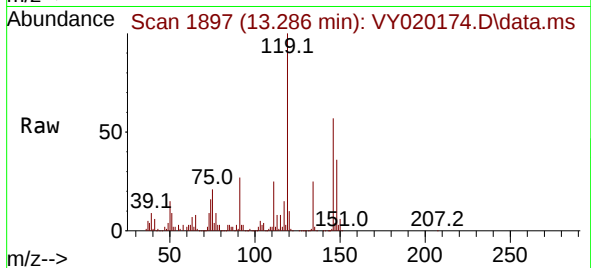
Tgt Ion:146 Resp: 315945

Ion Ratio Lower Upper

146 100

111 42.3 19.0 57.0

148 62.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 55.383 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

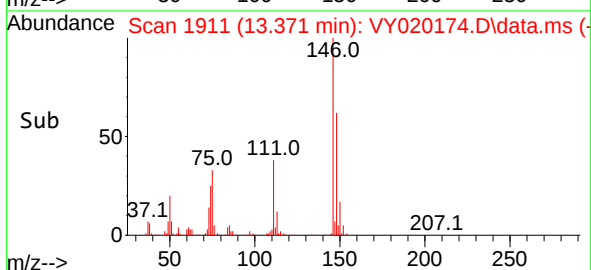
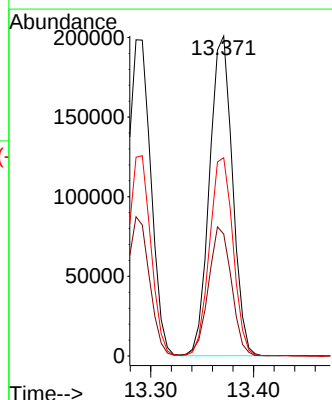
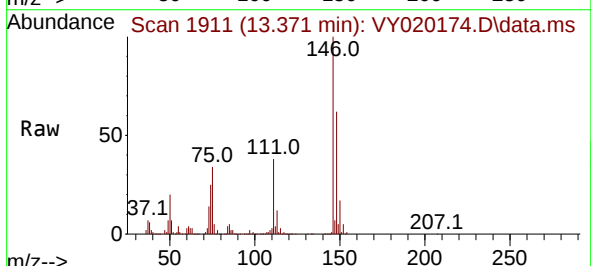
Tgt Ion:146 Resp: 311363

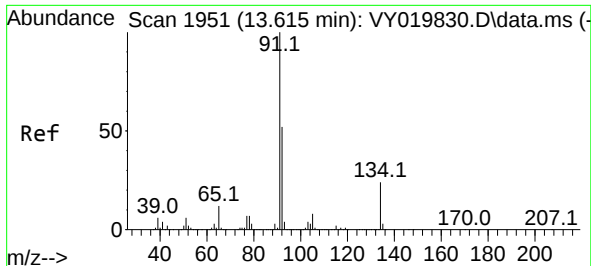
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 63.5 32.4 97.2

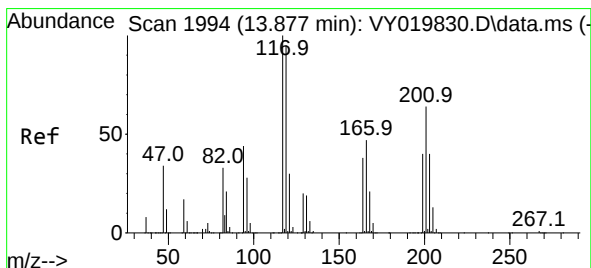
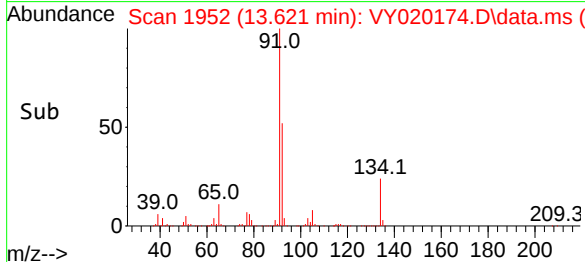
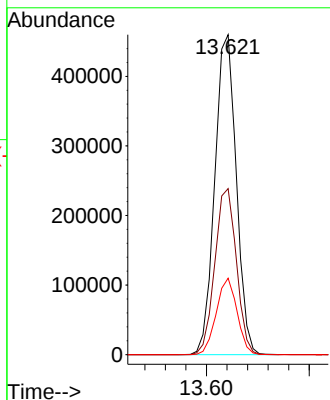
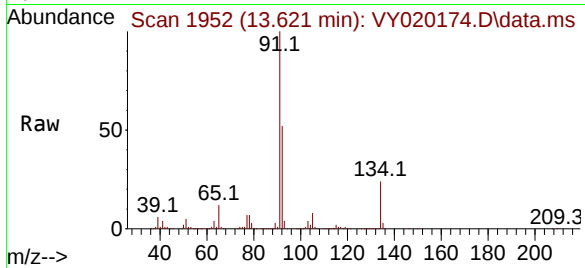




#89
n-Butylbenzene
Concen: 55.882 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

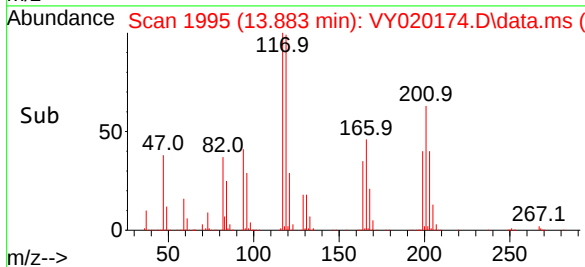
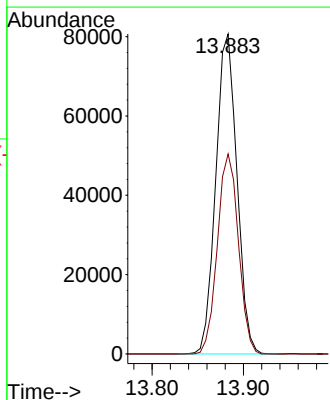
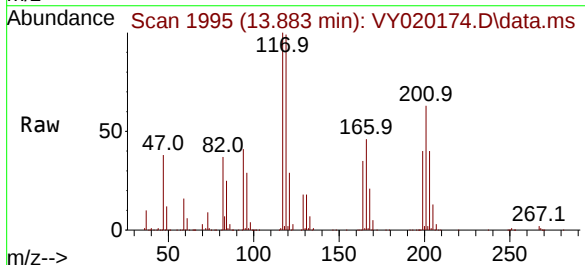
Instrument :
MSVOA_Y
ClientSampleId :

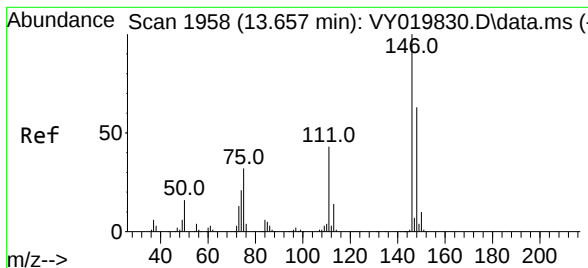
Tgt Ion: 91 Resp: 665684
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.7
134 23.2 12.9 38.7



#90
Hexachloroethane
Concen: 55.301 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. 0.000 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

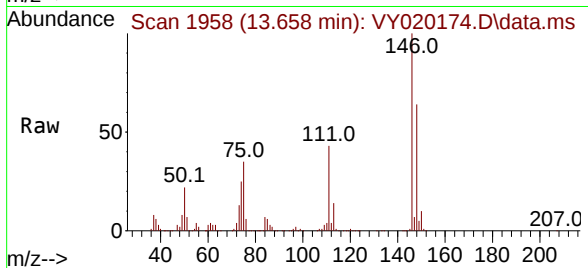
Tgt Ion: 117 Resp: 129965
Ion Ratio Lower Upper
117 100
201 62.1 37.4 112.2



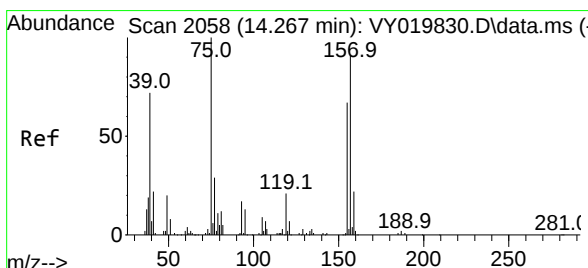
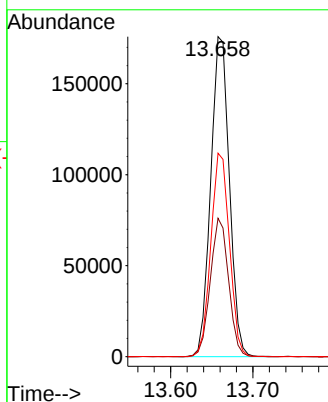
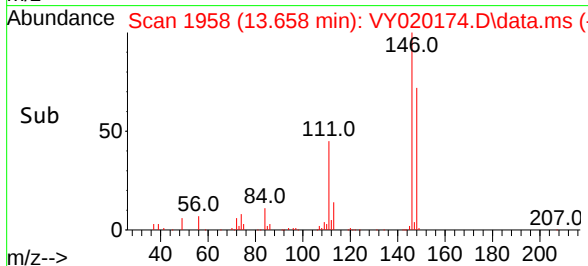


#91
1,2-Dichlorobenzene
Concen: 56.486 ug/l
RT: 13.658 min Scan# 1958
Delta R.T. 0.001 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45

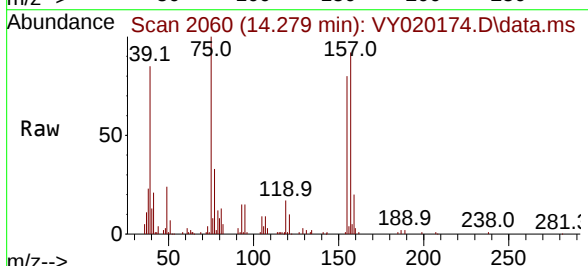
Instrument :
MSVOA_Y
ClientSampleId :



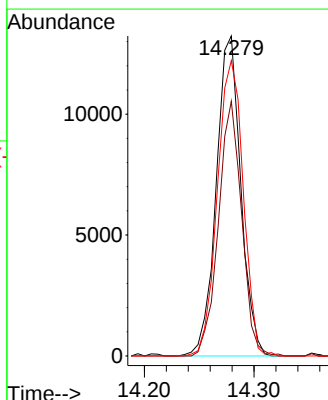
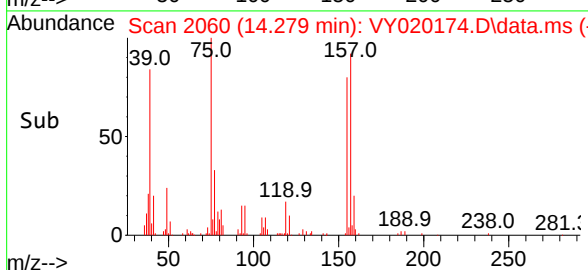
Tgt Ion:146 Resp: 277178
Ion Ratio Lower Upper
146 100
111 42.5 19.9 59.7
148 63.5 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.464 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.007 min
Lab File: VY020174.D
Acq: 06 Nov 2024 11:45



Tgt Ion: 75 Resp: 20578
Ion Ratio Lower Upper
75 100
155 75.3 48.6 145.8
157 97.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 56.476 ug/l

RT: 14.926 min Scan# 2166

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

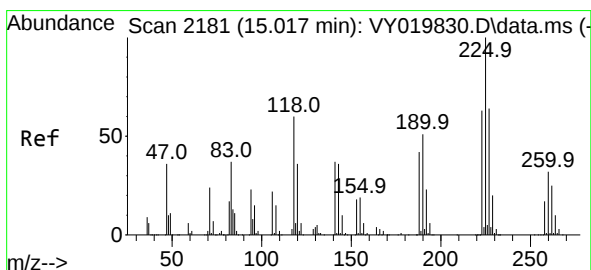
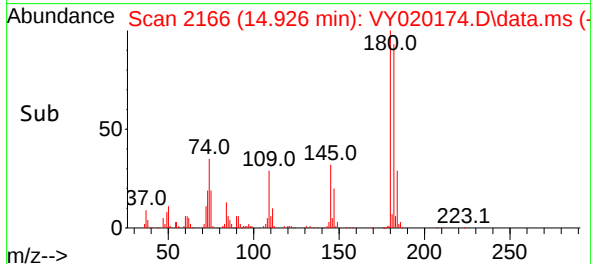
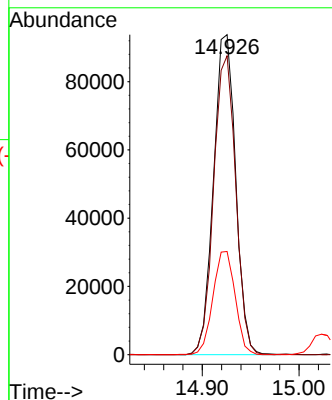
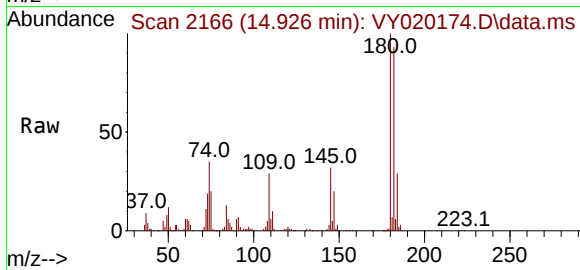
Tgt Ion:180 Resp: 148874

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.672 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

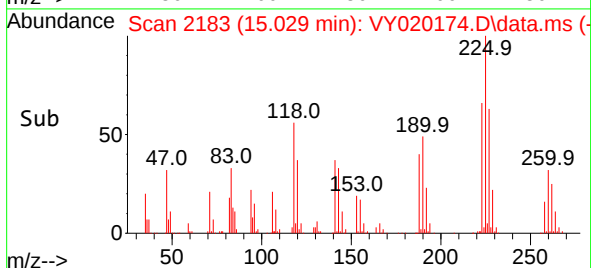
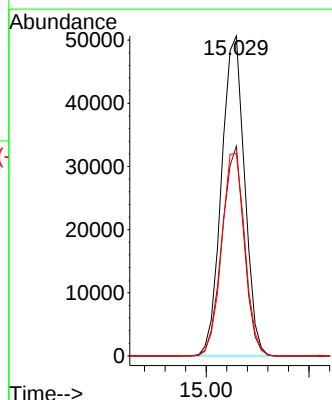
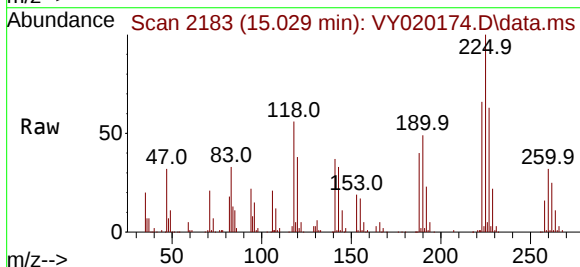
Tgt Ion:225 Resp: 78807

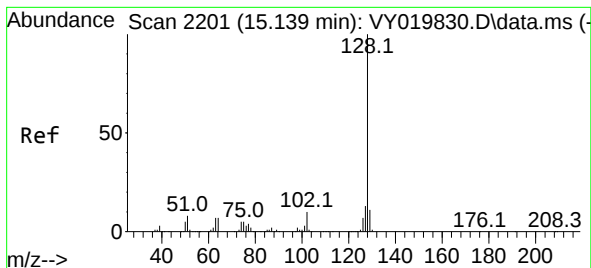
Ion Ratio Lower Upper

225 100

223 63.1 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 59.774 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.001 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Instrument :

MSVOA_Y

ClientSampleId :

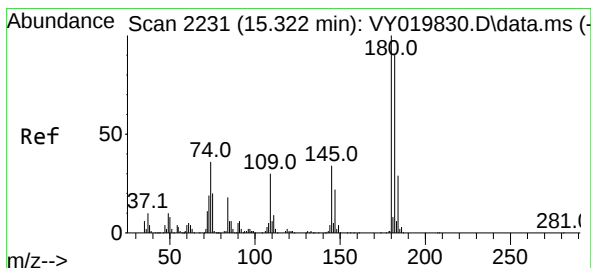
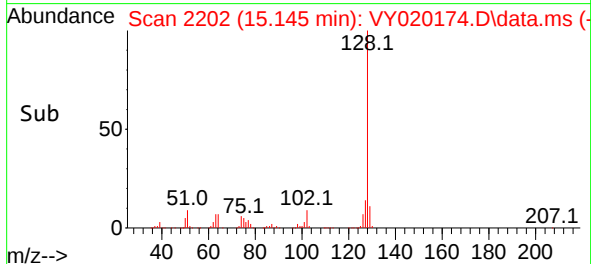
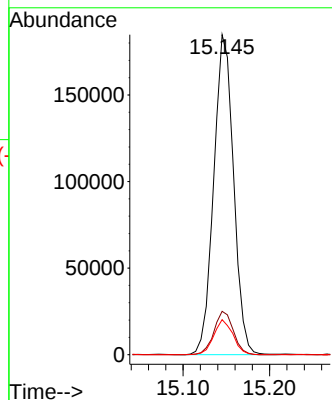
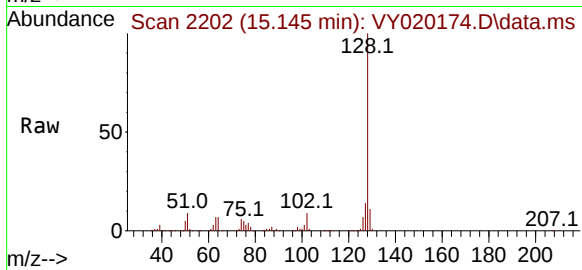
Tgt Ion:128 Resp: 294539

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 55.824 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.007 min

Lab File: VY020174.D

Acq: 06 Nov 2024 11:45

Tgt Ion:180 Resp: 124914

Ion Ratio Lower Upper

180 100

182 94.7 47.6 142.9

145 34.6 15.4 46.1

