

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020087.D
 Acq On : 31 Oct 2024 12:21
 Operator : SY/MD
 Sample : VY1031SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:44:57 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	266532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	483245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	414401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	187853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	176177	52.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.920%	
35) Dibromofluoromethane	7.640	113	159075	51.775	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.540%	
50) Toluene-d8	10.109	98	643935	52.653	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.300%	
62) 4-Bromofluorobenzene	12.402	95	207327	52.192	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 104.380%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.873	85	52210	21.161	ug/l	97
3) Chloromethane	2.074	50	91942	22.498	ug/l	98
4) Vinyl Chloride	2.214	62	93578	21.329	ug/l	99
5) Bromomethane	2.604	94	63537	21.813	ug/l	99
6) Chloroethane	2.745	64	59505	21.016	ug/l	98
7) Trichlorofluoromethane	3.068	101	110888	20.690	ug/l	98
8) Diethyl Ether	3.464	74	31311	20.946	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.830	101	63030	20.967	ug/l	89
10) Methyl Iodide	4.013	142	65375	22.525	ug/l	91
11) Tert butyl alcohol	4.866	59	23252	97.176	ug/l #	91
12) 1,1-Dichloroethene	3.799	96	61512	21.386	ug/l #	77
13) Acrolein	3.665	56	31409	105.448	ug/l	98
14) Allyl chloride	4.397	41	113308	21.835	ug/l #	88
15) Acrylonitrile	5.067	53	70503	103.613	ug/l	99
16) Acetone	3.879	43	67614	87.403	ug/l #	79
17) Carbon Disulfide	4.116	76	207355	21.663	ug/l	100
18) Methyl Acetate	4.397	43	37505	20.663	ug/l #	88
19) Methyl tert-butyl Ether	5.128	73	150075	20.740	ug/l	97
20) Methylene Chloride	4.629	84	67806	19.512	ug/l #	72
21) trans-1,2-Dichloroethene	5.122	96	68153	21.011	ug/l #	82
22) Diisopropyl ether	6.031	45	233220	21.657	ug/l #	89
23) Vinyl Acetate	5.970	43	623813	102.935	ug/l #	88
24) 1,1-Dichloroethane	5.927	63	136019	21.814	ug/l	98
25) 2-Butanone	6.896	43	99230	94.628	ug/l #	85
26) 2,2-Dichloropropane	6.896	77	104867	20.213	ug/l	95
27) cis-1,2-Dichloroethene	6.896	96	81286	21.800	ug/l	84
28) Bromochloromethane	7.250	49	55532	19.019	ug/l #	71
29) Tetrahydrofuran	7.268	42	61614	101.812	ug/l #	79
30) Chloroform	7.427	83	132399	21.397	ug/l	95
31) Cyclohexane	7.707	56	123816	20.511	ug/l	88
32) 1,1,1-Trichloroethane	7.616	97	115634	21.405	ug/l	95
36) 1,1-Dichloropropene	7.841	75	97785	20.603	ug/l	96
37) Ethyl Acetate	6.994	43	45105	19.933	ug/l #	94
38) Carbon Tetrachloride	7.823	117	97425	20.413	ug/l	99
39) Methylcyclohexane	9.109	83	118362	19.649	ug/l #	83
40) Benzene	8.085	78	291287	21.026	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	18617	16.424	ug/l	92
42) 1,2-Dichloroethane	8.158	62	81676	21.299	ug/l	93
43) Isopropyl Acetate	8.201	43	82095	18.866	ug/l #	78
44) Trichloroethene	8.866	130	67071	20.889	ug/l	88
45) 1,2-Dichloropropane	9.146	63	70142	21.162	ug/l	98
46) Dibromomethane	9.231	93	35729	19.894	ug/l	90
47) Bromodichloromethane	9.426	83	100056	21.267	ug/l	99
48) Methyl methacrylate	9.225	41	40177	19.934	ug/l #	81
49) 1,4-Dioxane	9.225	88	6750	365.063	ug/l #	88
51) 4-Methyl-2-Pentanone	9.999	43	213487	95.216	ug/l	88
52) Toluene	10.170	92	179306	20.997	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	81863	19.704	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	103464	20.864	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	46938	21.020	ug/l	97
56) Ethyl methacrylate	10.438	69	63717	19.892	ug/l #	74
57) 1,3-Dichloropropane	10.713	76	83765	20.484	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	151917	96.170	ug/l	93
59) 2-Hexanone	10.762	43	145785	90.694	ug/l	86
60) Dibromochloromethane	10.908	129	57763	20.293	ug/l	98
61) 1,2-Dibromoethane	11.012	107	42046	20.267	ug/l	98
64) Tetrachloroethene	10.646	164	55983	20.460	ug/l	93
65) Chlorobenzene	11.444	112	187230	21.204	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	58406	20.703	ug/l	99
67) Ethyl Benzene	11.518	91	349618	21.181	ug/l	99
68) m/p-Xylenes	11.627	106	258610	42.824	ug/l	92
69) o-Xylene	11.950	106	122003	21.339	ug/l	94
70) Styrene	11.969	104	202016	21.370	ug/l	95
71) Bromoform	12.127	173	28391	19.617	ug/l #	96
73) Isopropylbenzene	12.255	105	319480	21.289	ug/l	98
74) N-amyl acetate	12.072	43	72161	19.237	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	54431	20.740	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	68425	38.857	ug/l #	100
77) Bromobenzene	12.530	156	64874	21.376	ug/l	84
78) n-propylbenzene	12.597	91	401852	21.516	ug/l	96
79) 2-Chlorotoluene	12.676	91	220472	21.266	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	261720	21.723	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	14891	18.189	ug/l #	84
82) 4-Chlorotoluene	12.779	91	230166	21.775	ug/l	94
83) tert-Butylbenzene	12.999	119	228647	21.704	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	253593	21.251	ug/l	97
85) sec-Butylbenzene	13.176	105	341123	21.092	ug/l	97
86) p-Isopropyltoluene	13.292	119	274045	21.116	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	128527	20.846	ug/l	96
88) 1,4-Dichlorobenzene	13.365	146	127470	20.761	ug/l	96
89) n-Butylbenzene	13.615	91	270065	20.758	ug/l	98
90) Hexachloroethane	13.877	117	52231	20.350	ug/l	82
91) 1,2-Dichlorobenzene	13.657	146	111579	20.820	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7449	18.715	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	55524	19.287	ug/l	95
94) Hexachlorobutadiene	15.023	225	30136	19.143	ug/l	97
95) Naphthalene	15.145	128	94892	17.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44453	18.190	ug/l	98

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ClientSampleId :

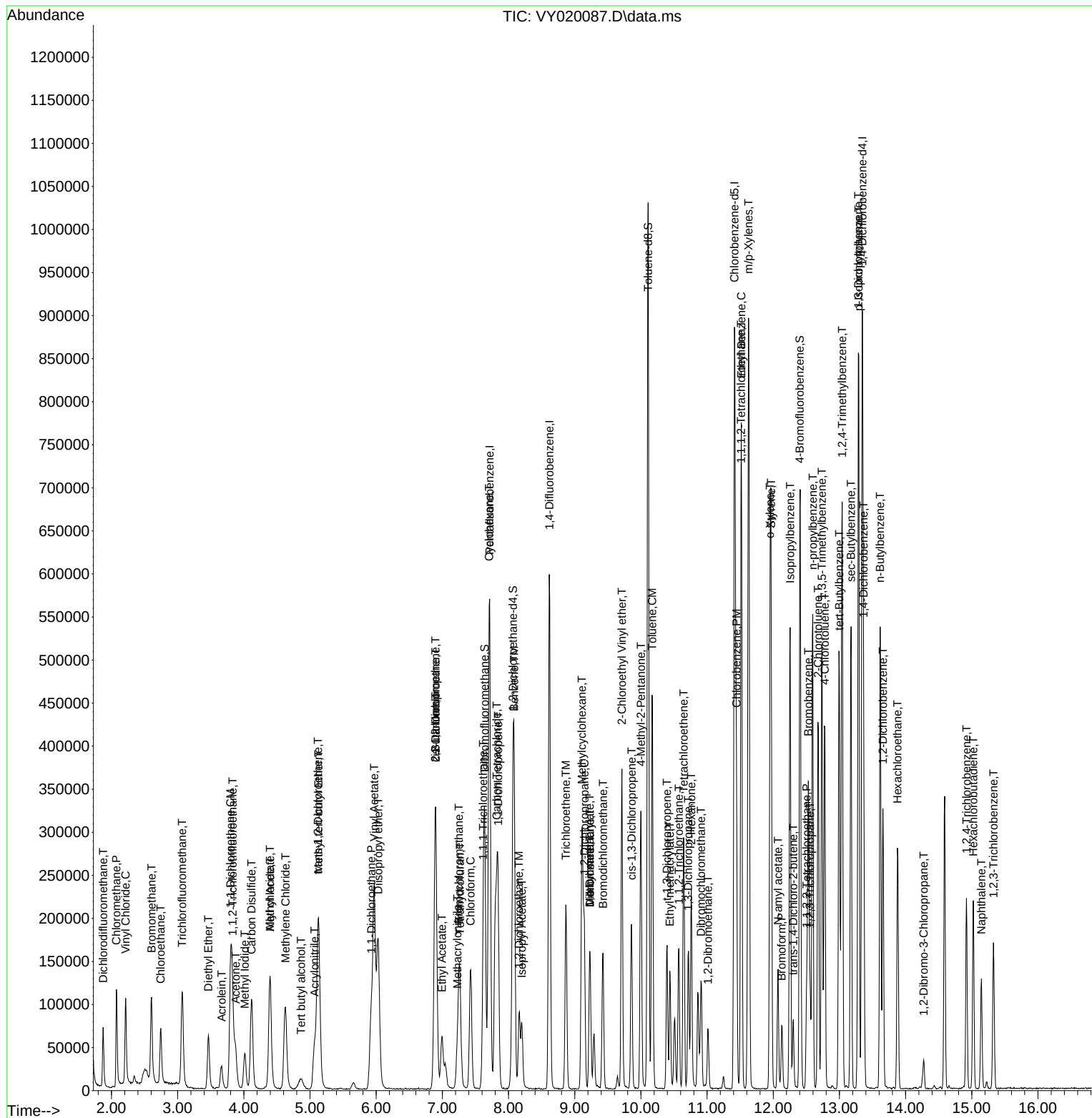
Quant Time: Nov 01 03:44:57 2024
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QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

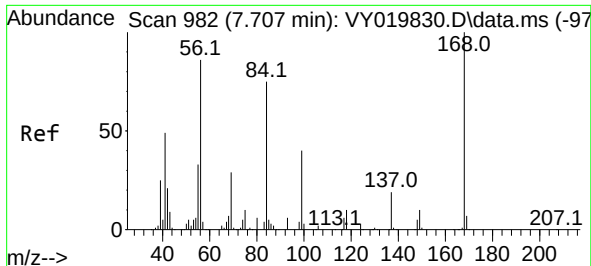
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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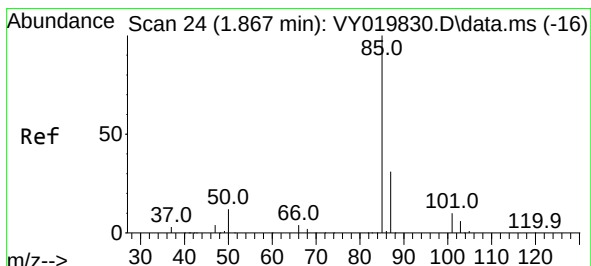
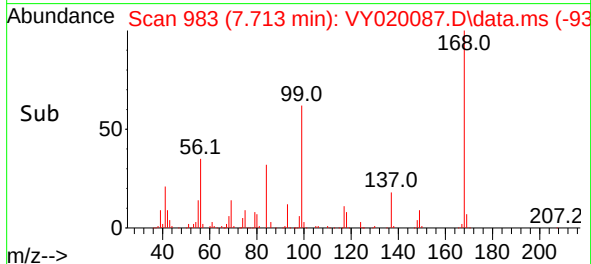
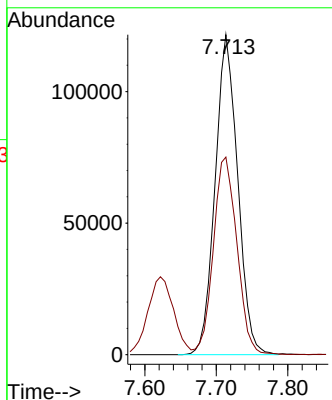
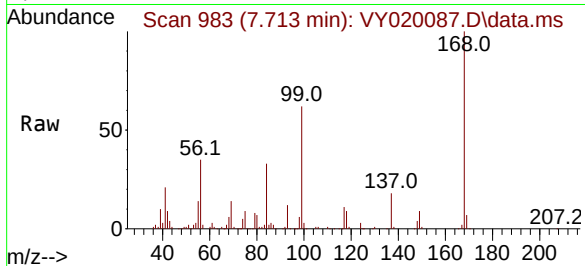




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020087.D
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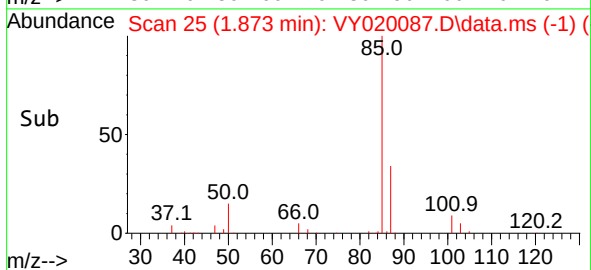
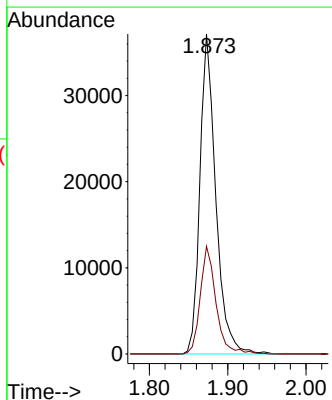
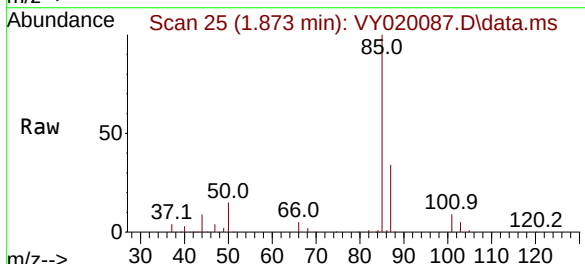
Instrument :
MSVOA_Y
ClientSampleId :

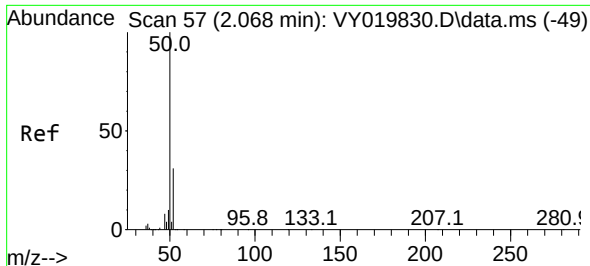
Tgt Ion:168 Resp: 266532
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.161 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 85 Resp: 52210
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

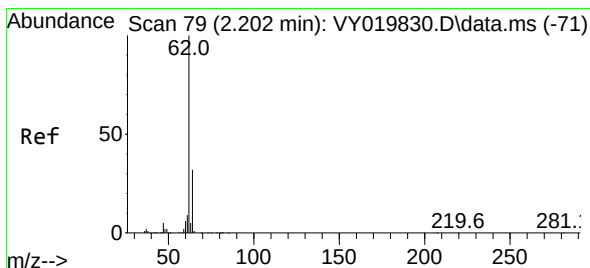
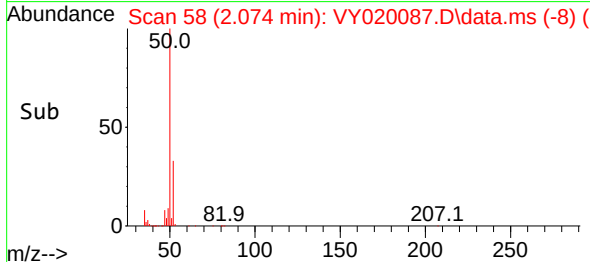
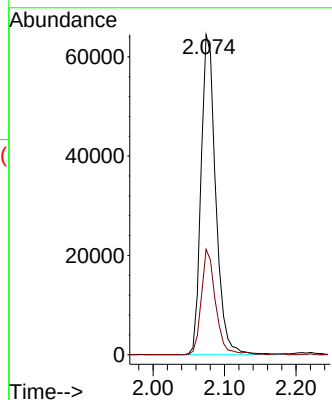
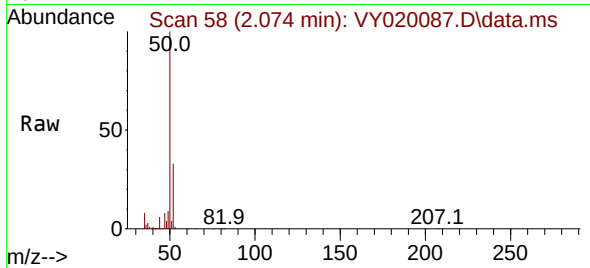




#3
Chloromethane
Concen: 22.498 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

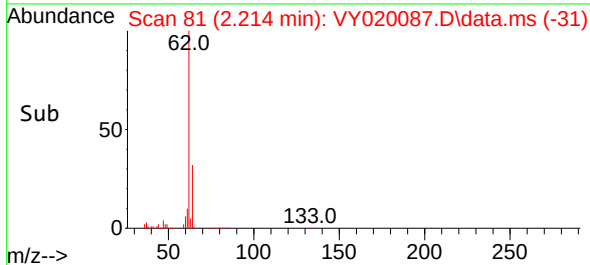
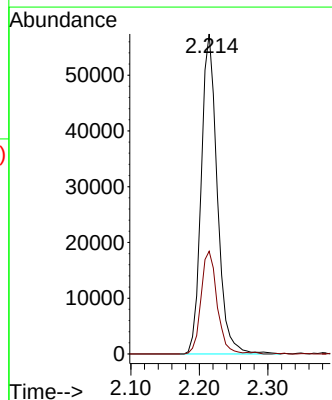
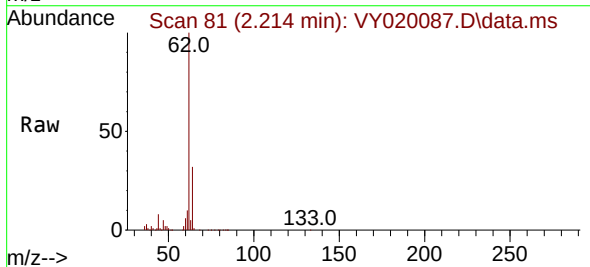
Instrument :
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ClientSampleId :

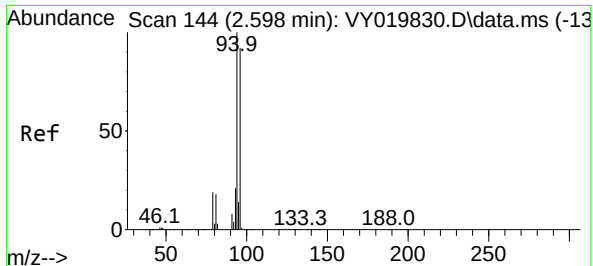
Tgt Ion: 50 Resp: 91942
Ion Ratio Lower Upper
50 100
52 32.9 25.6 38.4



#4
Vinyl Chloride
Concen: 21.329 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 62 Resp: 93578
Ion Ratio Lower Upper
62 100
64 32.1 26.1 39.1

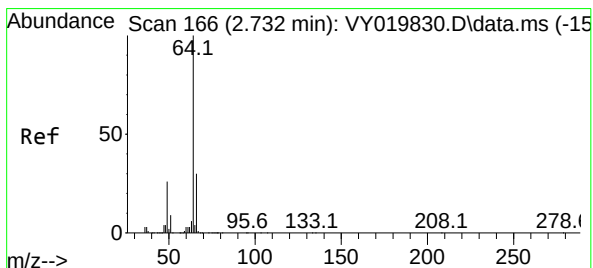
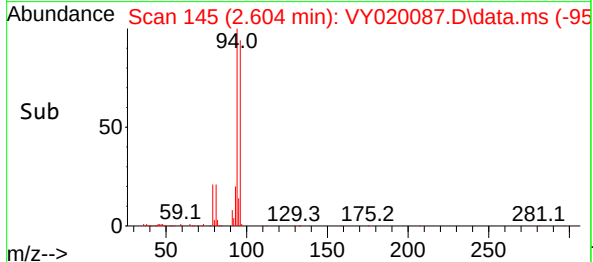
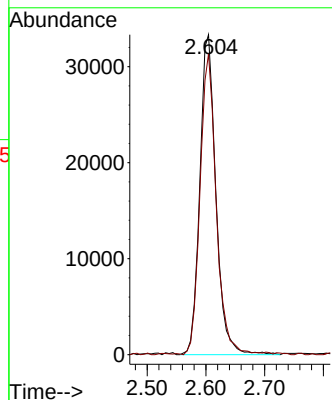
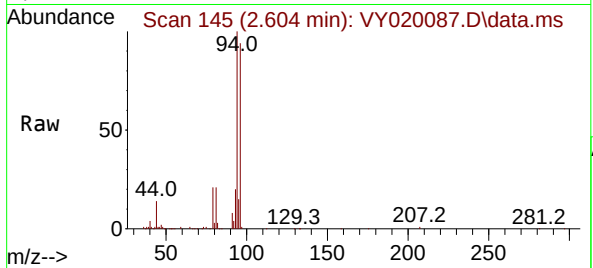




#5
Bromomethane
Concen: 21.813 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

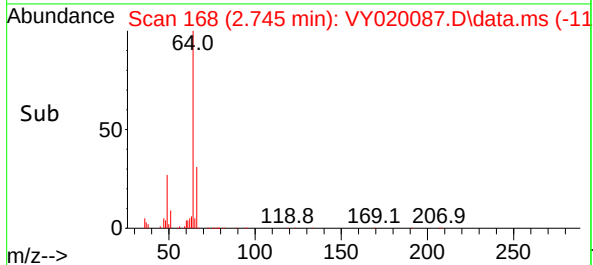
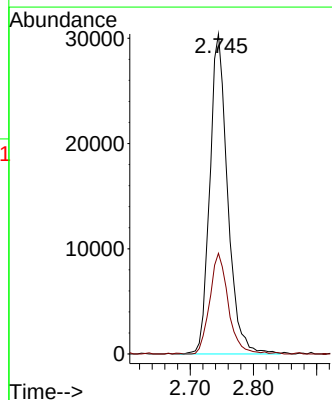
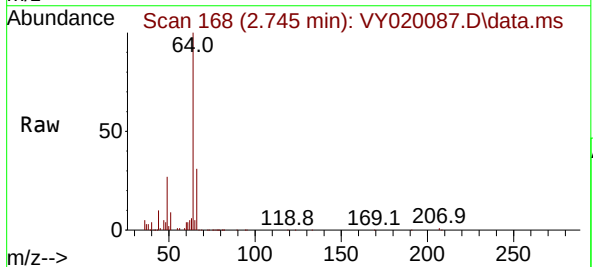
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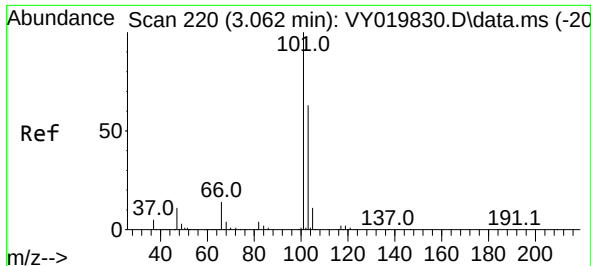
Tgt Ion: 94 Resp: 63537
Ion Ratio Lower Upper
94 100
96 93.8 74.1 111.1



#6
Chloroethane
Concen: 21.016 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 64 Resp: 59505
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1

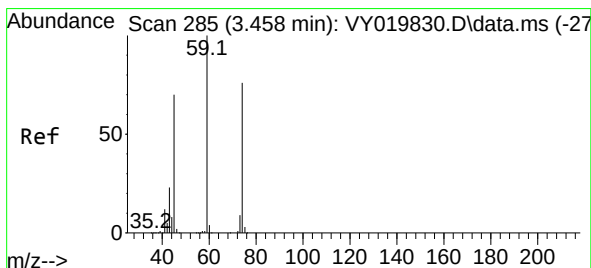
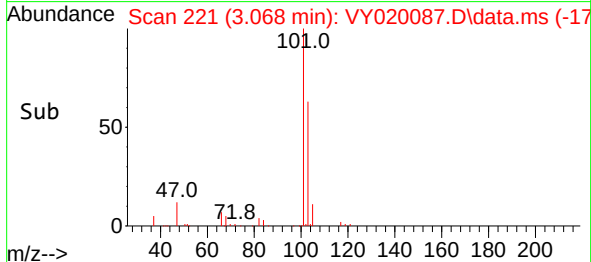
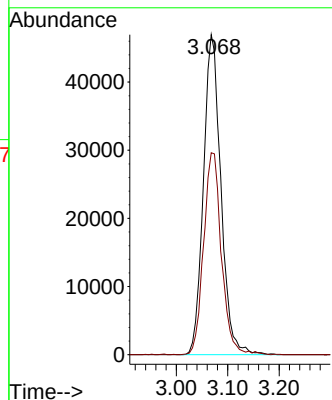
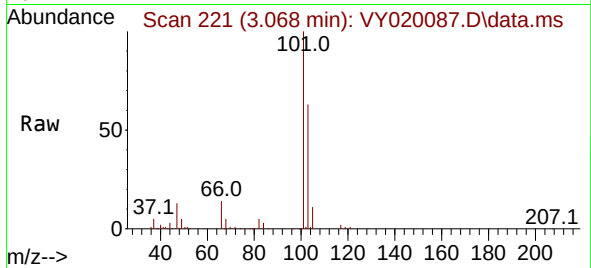




#7
 Trichlorofluoromethane
 Concen: 20.690 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

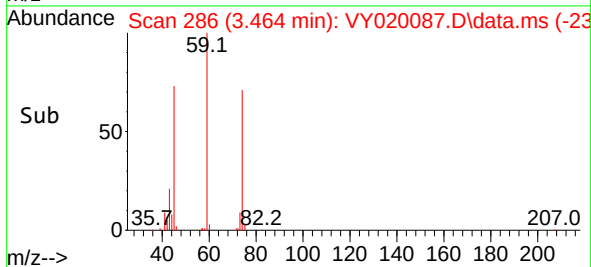
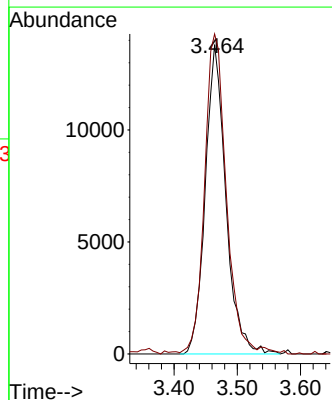
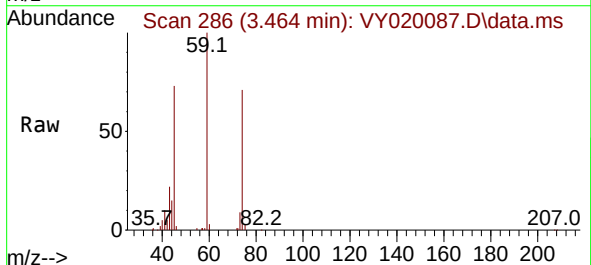
Instrument :
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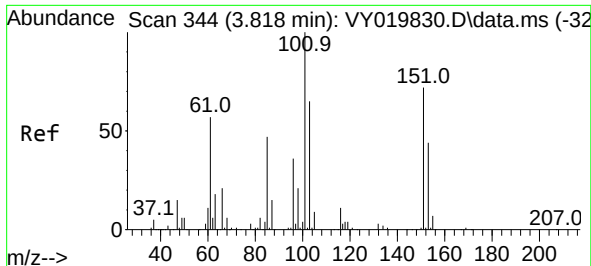
Tgt Ion:101 Resp: 110888
 Ion Ratio Lower Upper
 101 100
 103 63.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.946 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY020087.D
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Tgt Ion: 74 Resp: 31311
 Ion Ratio Lower Upper
 74 100
 45 106.0 41.3 124.1

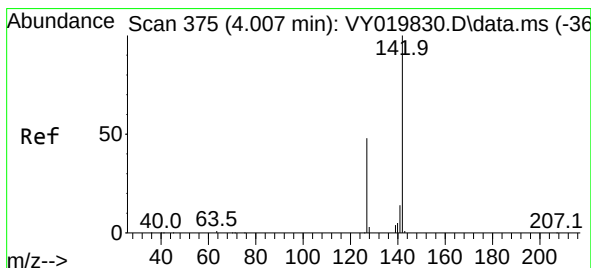
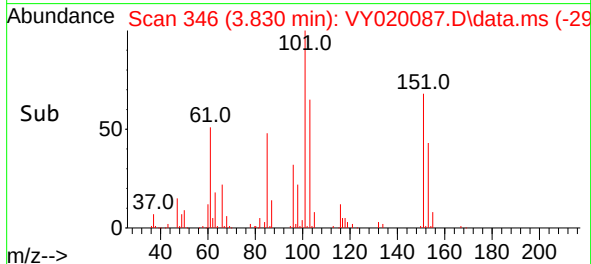
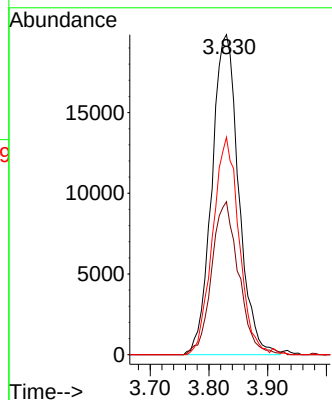
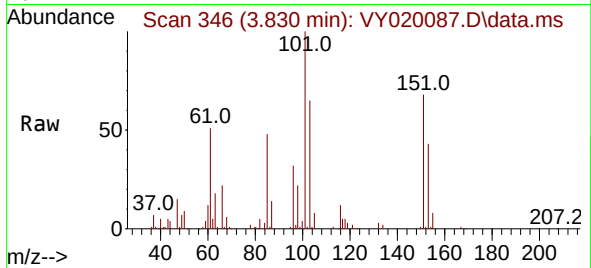




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.967 ug/l
RT: 3.830 min Scan# 344
Delta R.T. 0.019 min
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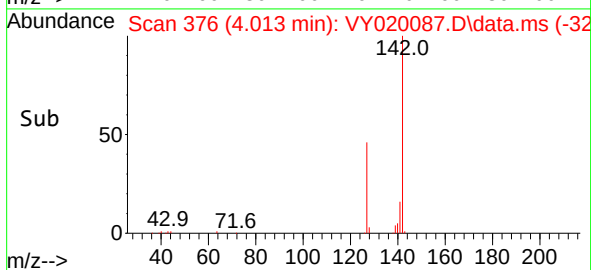
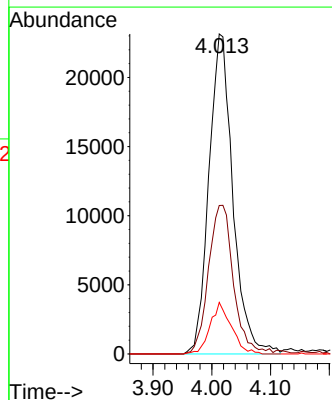
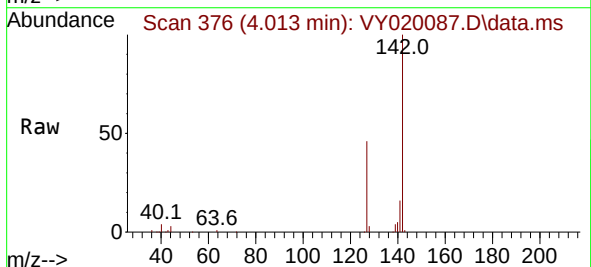
Instrument :
MSVOA_Y
ClientSampleId :

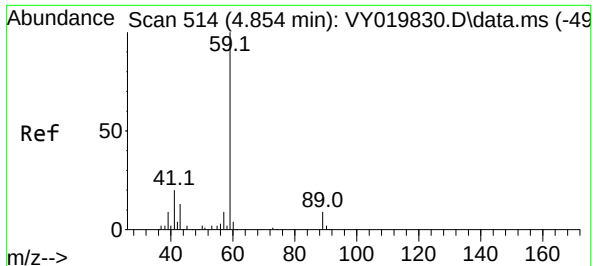
Tgt Ion:101 Resp: 63030
Ion Ratio Lower Upper
101 100
85 48.2 34.5 51.7
151 66.5 61.7 92.5



#10
Methyl Iodide
Concen: 22.525 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion:142 Resp: 65375
Ion Ratio Lower Upper
142 100
127 48.4 32.8 49.2
141 14.3 11.4 17.2

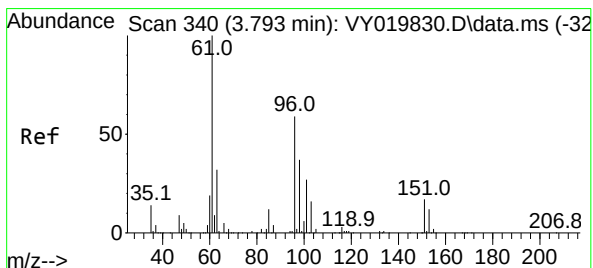
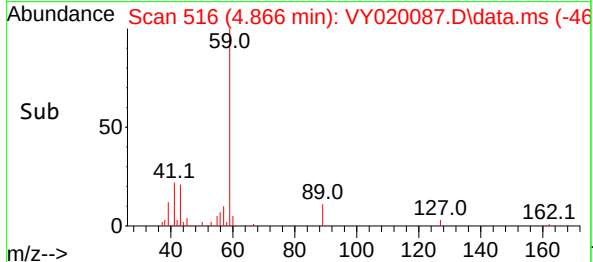
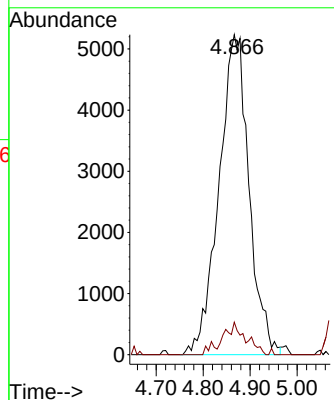
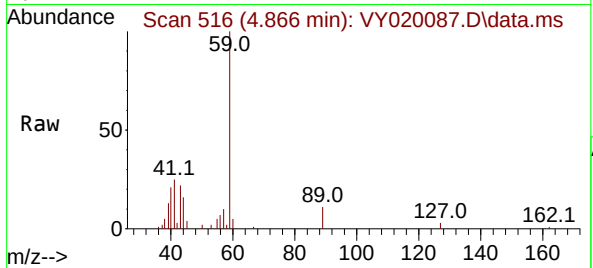




#11
Tert butyl alcohol
Concen: 97.176 ug/l
RT: 4.866 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

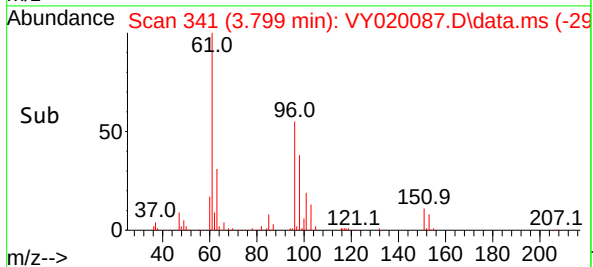
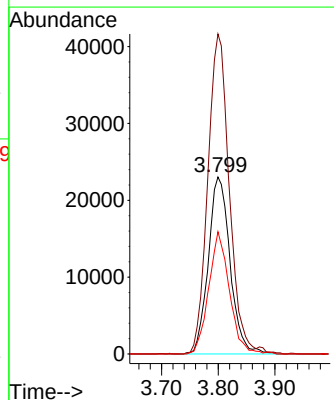
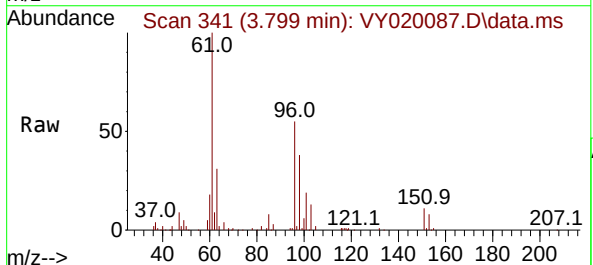
Instrument :
MSVOA_Y
ClientSampleId :

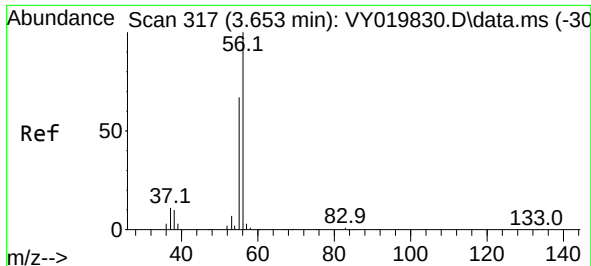
Tgt Ion: 59 Resp: 23252
Ion Ratio Lower Upper
59 100
57 6.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.386 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 96 Resp: 61512
Ion Ratio Lower Upper
96 100
61 180.8 114.6 171.8#
98 69.0 50.8 76.2

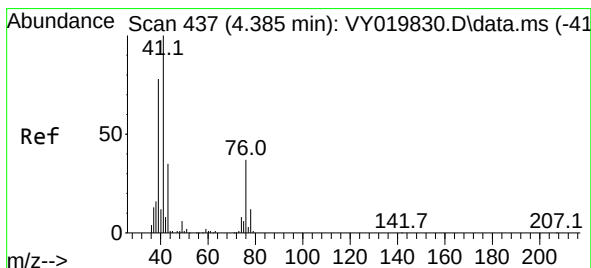
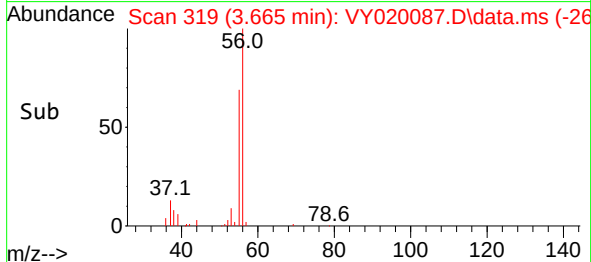
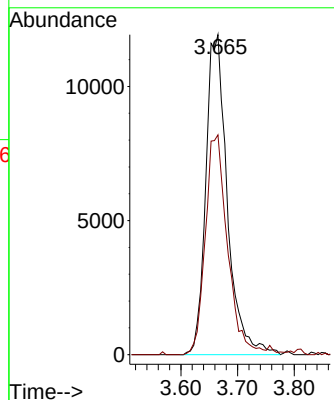
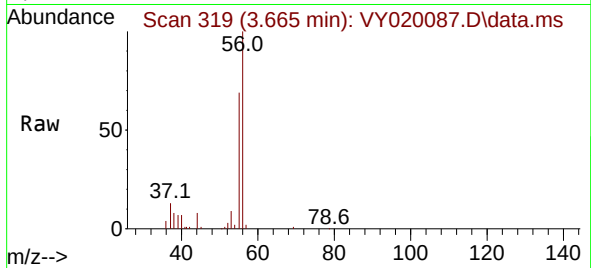




#13
Acrolein
Concen: 105.448 ug/l
RT: 3.665 min Scan# 317
Delta R.T. 0.012 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

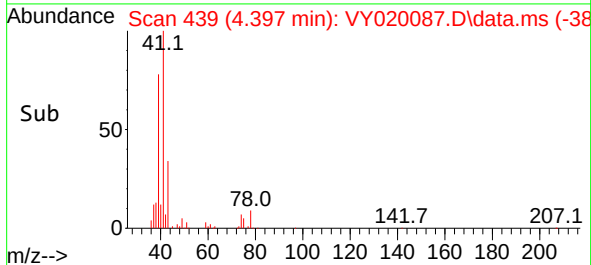
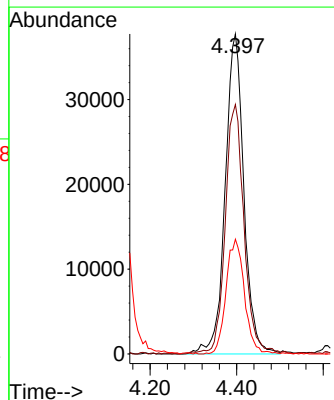
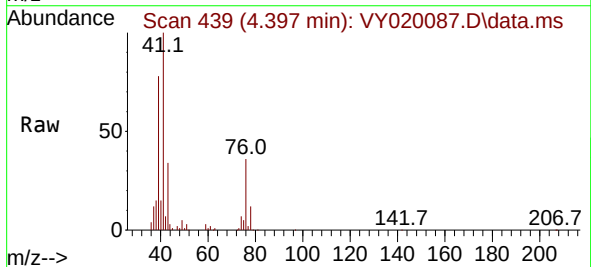
Instrument :
MSVOA_Y
ClientSampleId :

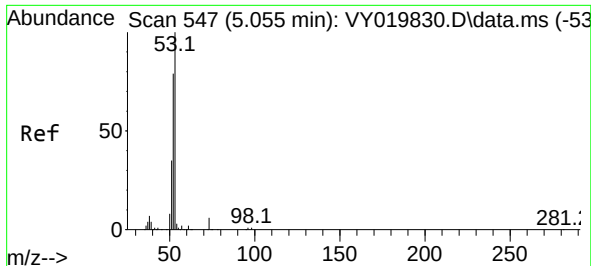
Tgt Ion: 56 Resp: 31409
Ion Ratio Lower Upper
56 100
55 71.0 55.7 83.5



#14
Allyl chloride
Concen: 21.835 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

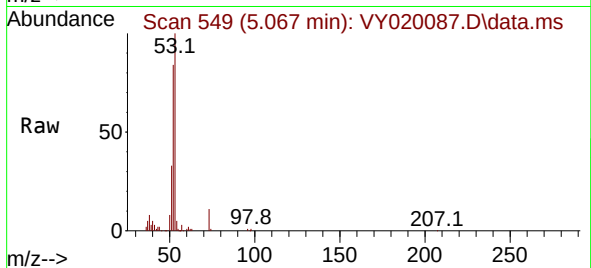
Tgt Ion: 41 Resp: 113308
Ion Ratio Lower Upper
41 100
39 79.0 58.3 87.5
76 35.4 39.0 58.6#



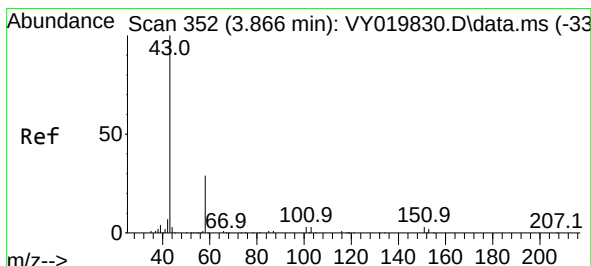
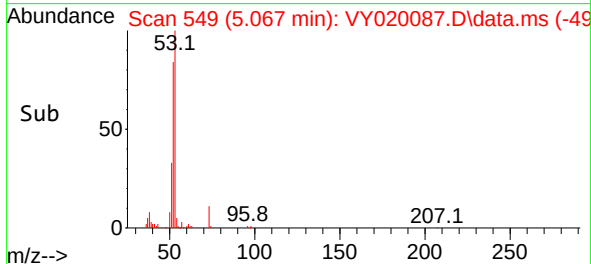
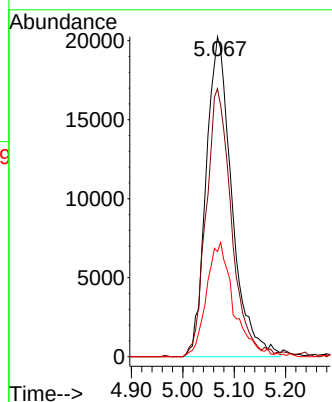


#15
Acrylonitrile
Concen: 103.613 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

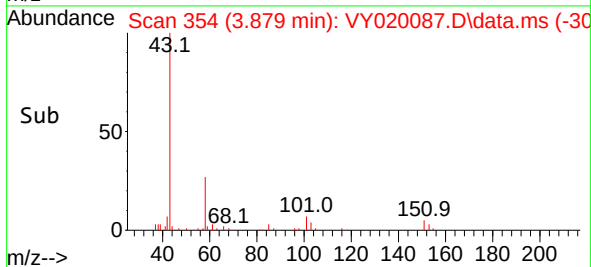
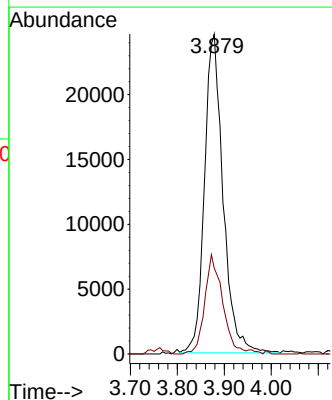
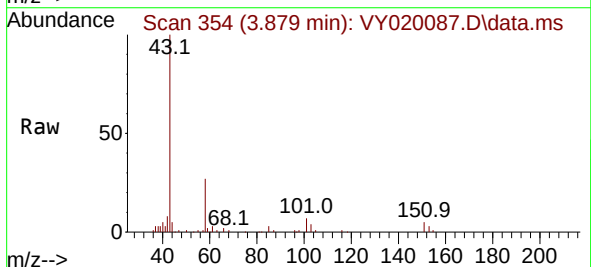


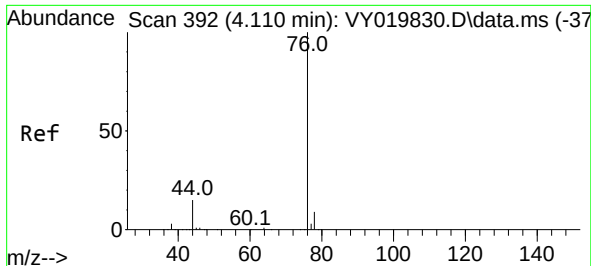
Tgt Ion: 53 Resp: 70503
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 87.403 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 43 Resp: 67614
Ion Ratio Lower Upper
43 100
58 26.9 31.7 47.5#

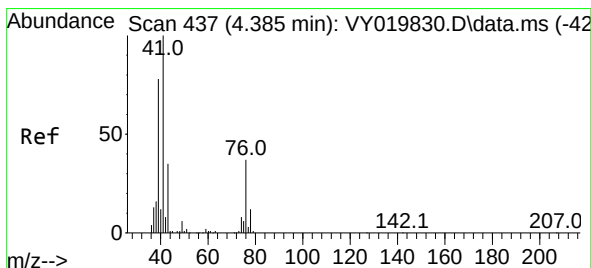
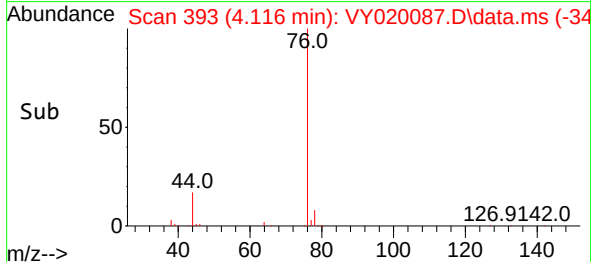
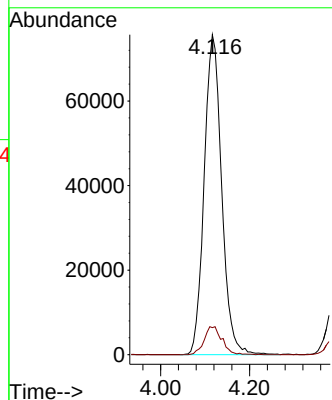
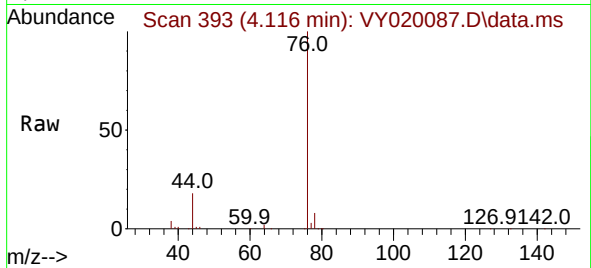




#17
Carbon Disulfide
Concen: 21.663 ug/l
RT: 4.116 min Scan# 392
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

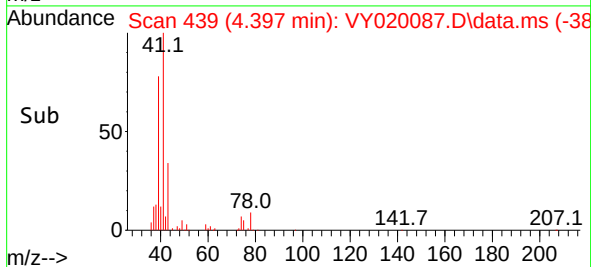
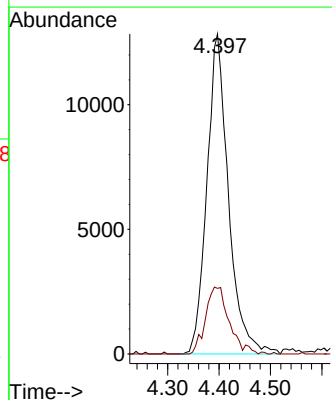
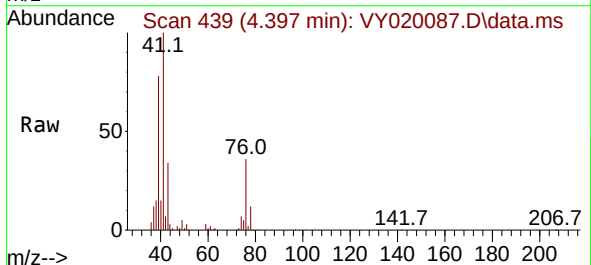
Instrument :
MSVOA_Y
ClientSampleId :

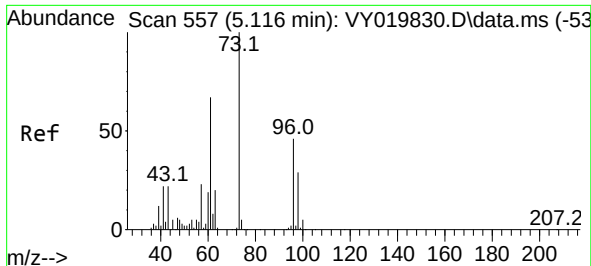
Tgt Ion: 76 Resp: 207355
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 20.663 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 43 Resp: 37505
Ion Ratio Lower Upper
43 100
74 22.8 23.3 34.9#

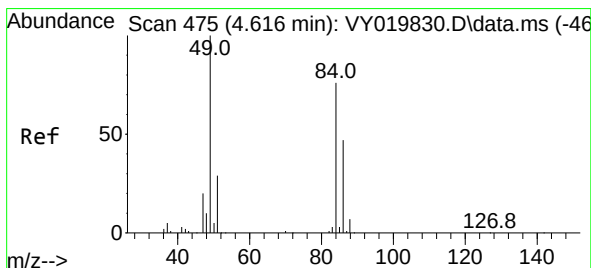
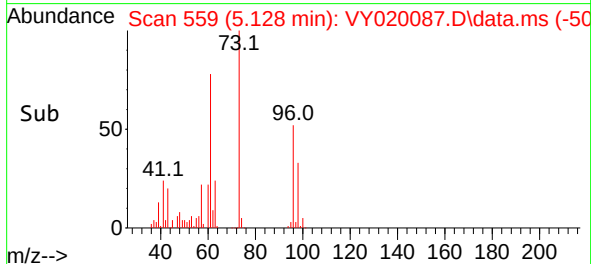
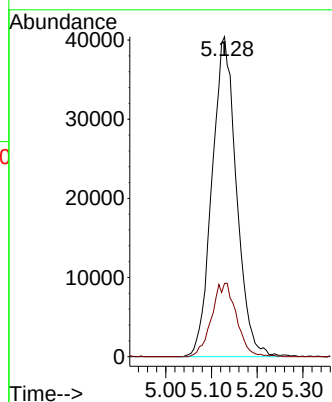
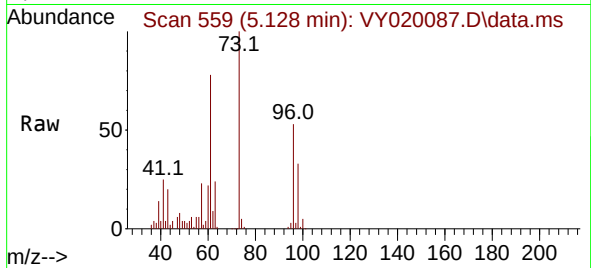




#19
Methyl tert-butyl Ether
Concen: 20.740 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

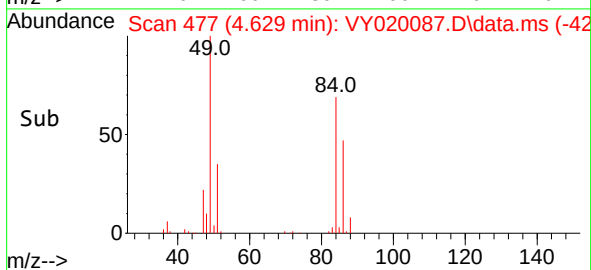
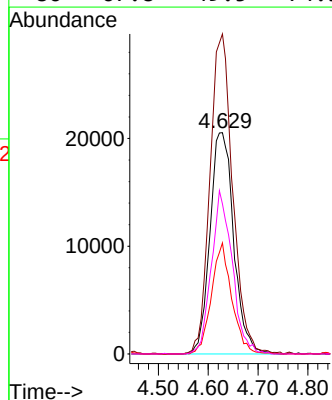
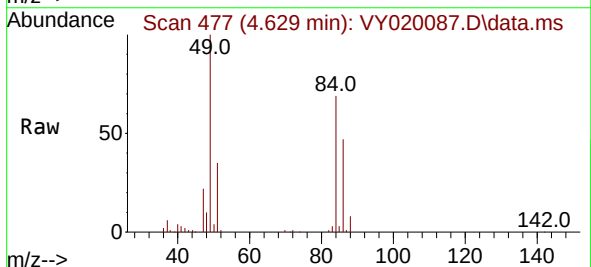
Instrument :
MSVOA_Y
ClientSampleId :

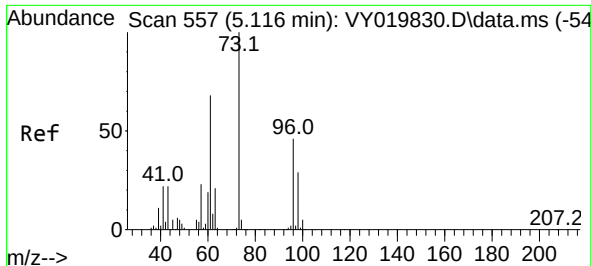
Tgt Ion: 73 Resp: 150075
Ion Ratio Lower Upper
73 100
57 22.9 17.3 25.9



#20
Methylene Chloride
Concen: 19.512 ug/l
RT: 4.629 min Scan# 477
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

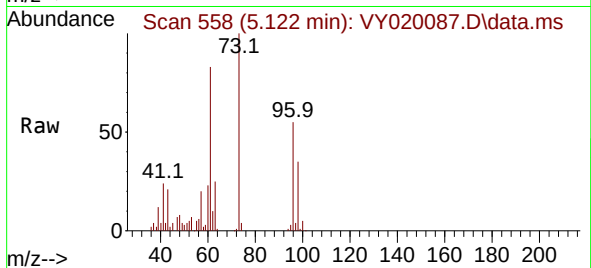
Tgt Ion: 84 Resp: 67806
Ion Ratio Lower Upper
84 100
49 144.6 84.4 126.6#
51 50.2 26.0 39.0#
86 67.8 49.5 74.3



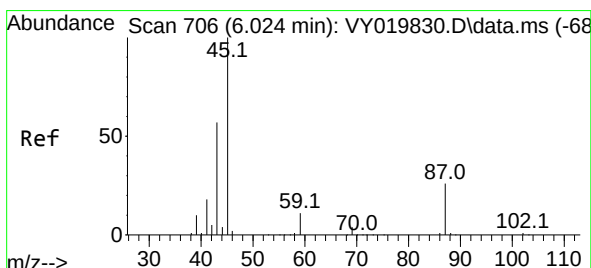
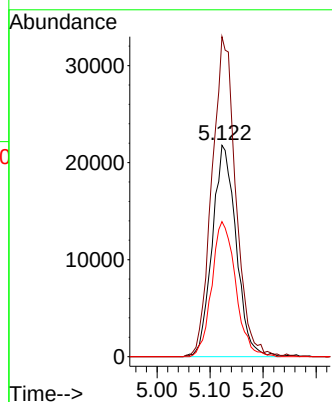
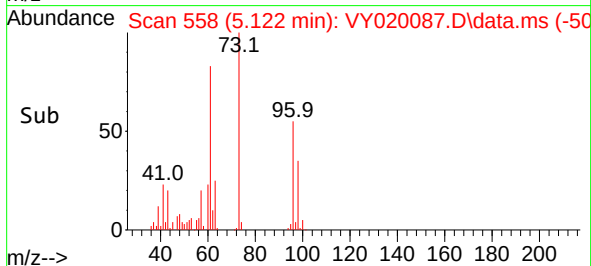


#21
trans-1,2-Dichloroethene
Concen: 21.011 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

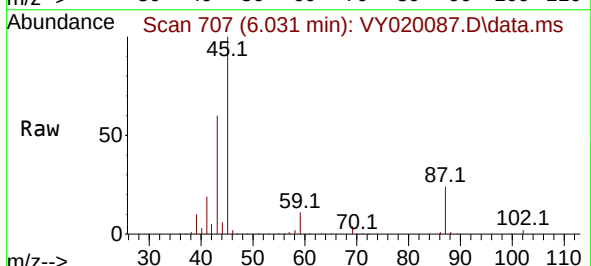
Instrument :
MSVOA_Y
ClientSampleId :



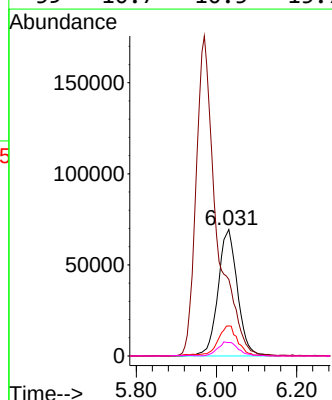
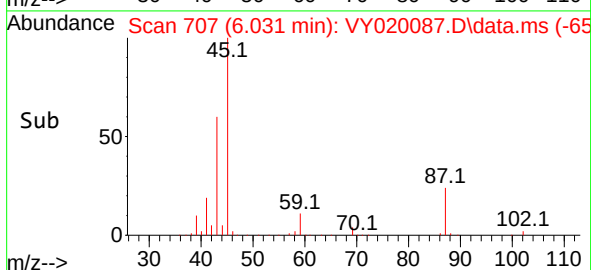
Tgt Ion: 96 Resp: 68153
Ion Ratio Lower Upper
96 100
61 151.4 97.5 146.3#
98 63.9 50.5 75.7

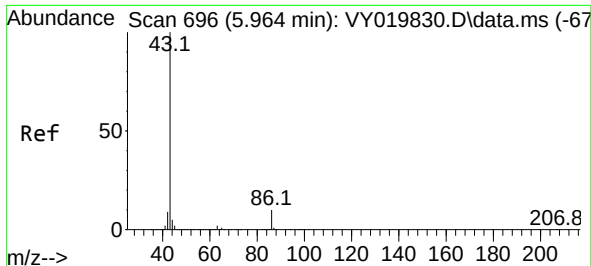


#22
Diisopropyl ether
Concen: 21.657 ug/l
RT: 6.031 min Scan# 707
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21



Tgt Ion: 45 Resp: 233220
Ion Ratio Lower Upper
45 100
43 59.8 42.2 63.2
87 23.8 25.0 37.6#
59 10.7 10.5 15.7

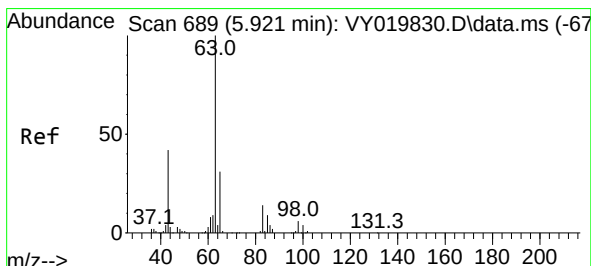
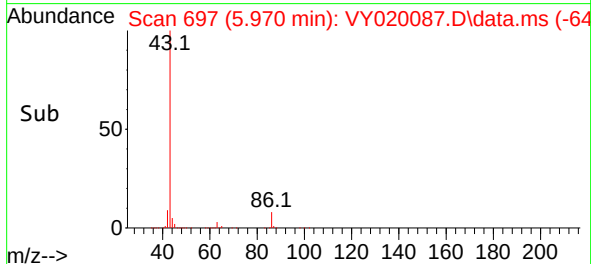
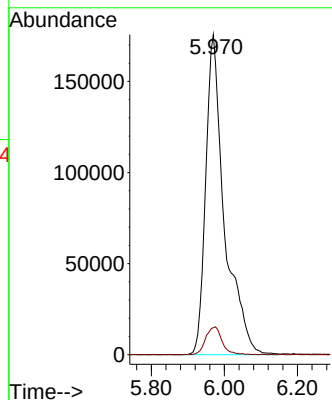
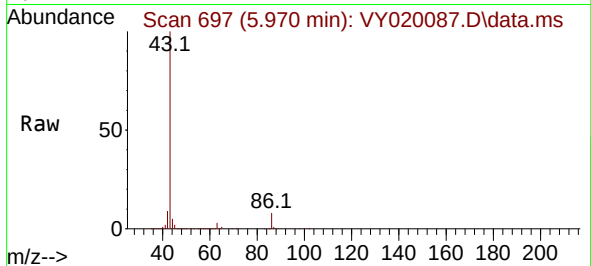




#23
 Vinyl Acetate
 Concen: 102.935 ug/l
 RT: 5.970 min Scan# 64
 Delta R.T. 0.013 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

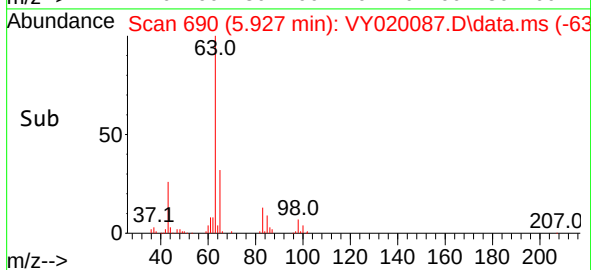
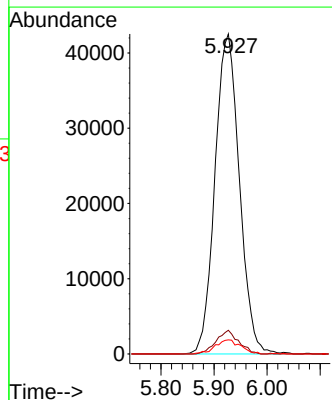
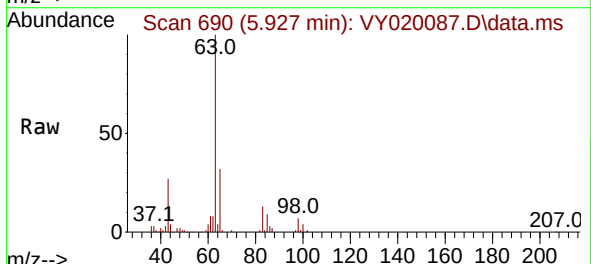
Instrument :
 MSVOA_Y
 ClientSampleId :

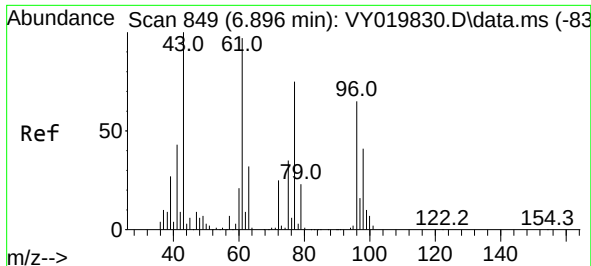
Tgt Ion: 43 Resp: 623813
 Ion Ratio Lower Upper
 43 100
 86 8.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.814 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.013 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

Tgt Ion: 63 Resp: 136019
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.2
 100 4.4 2.6 8.0

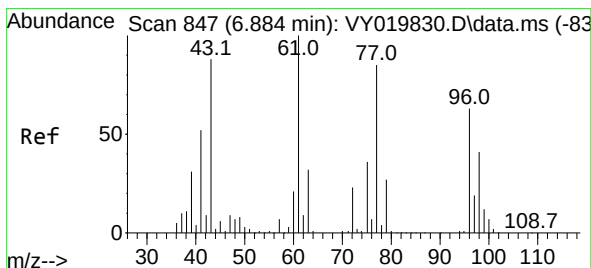
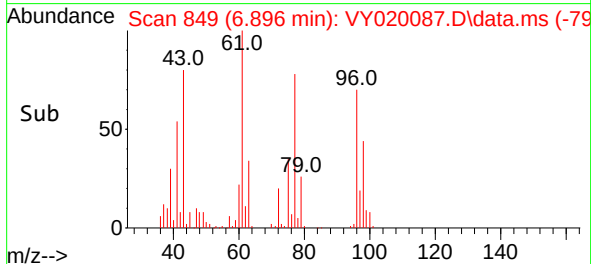
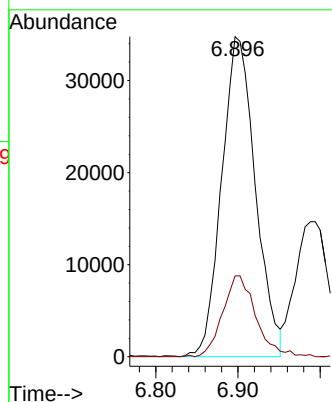
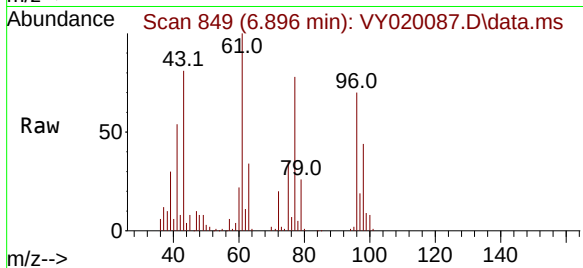




#25
2-Butanone
Concen: 94.628 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

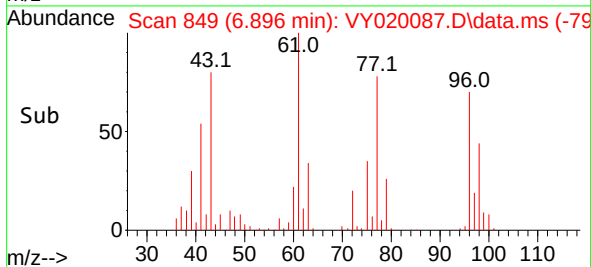
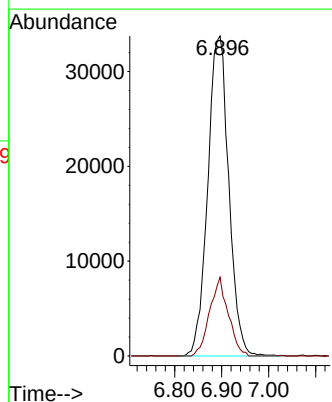
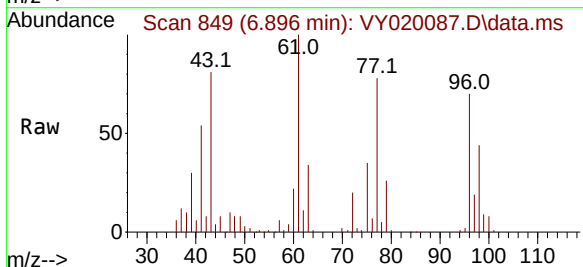
Instrument :
MSVOA_Y
ClientSampleId :

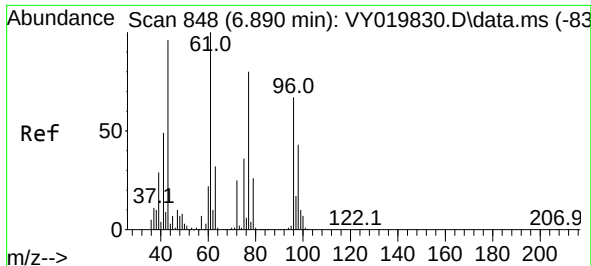
Tgt Ion: 43 Resp: 99230
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 20.213 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 77 Resp: 104867
Ion Ratio Lower Upper
77 100
97 21.8 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 21.800 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.006 min

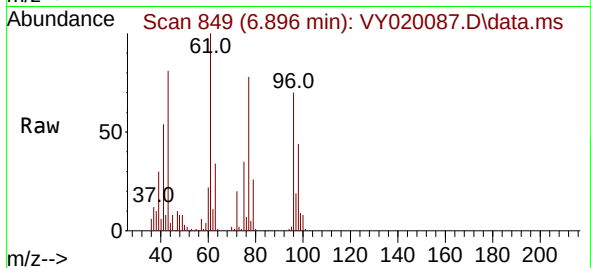
Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :



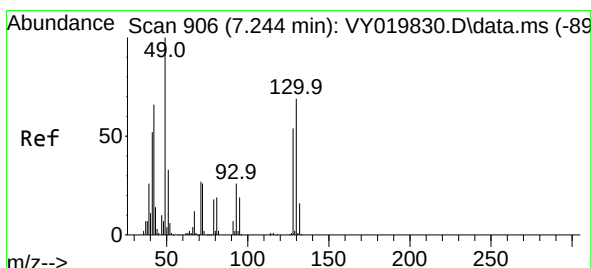
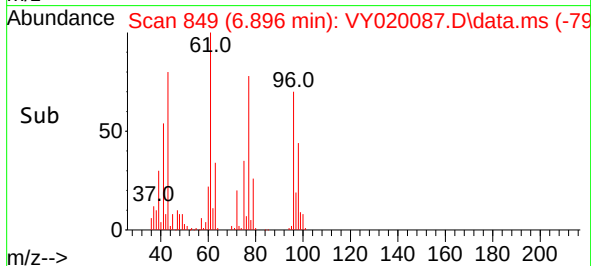
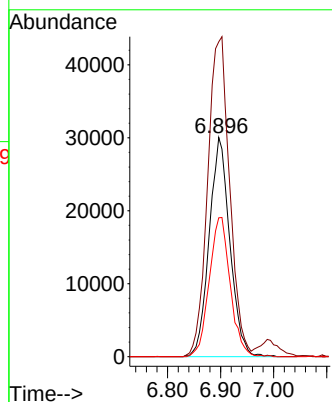
Tgt Ion: 96 Resp: 81286

Ion Ratio Lower Upper

96 100

61 155.3 0.0 256.2

98 64.5 0.0 130.0



#28

Bromochloromethane

Concen: 19.019 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

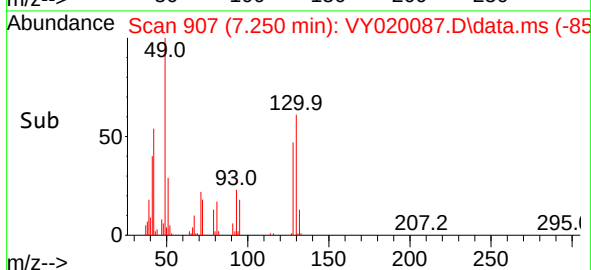
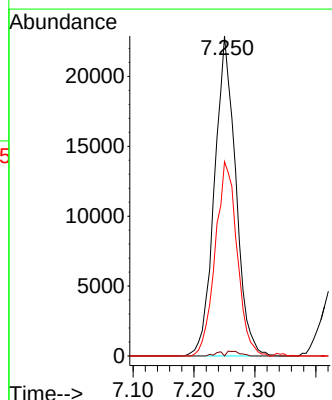
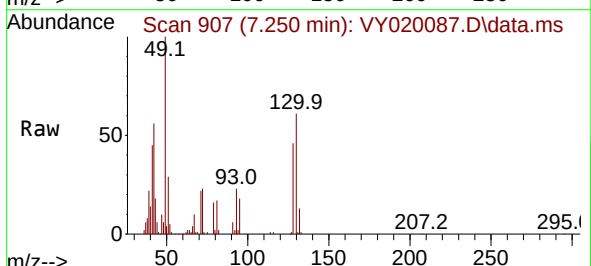
Tgt Ion: 49 Resp: 55532

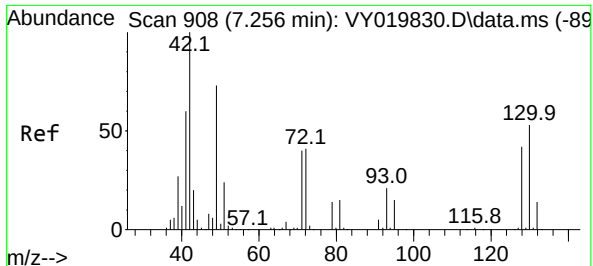
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.6

130 62.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 101.812 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY020087.D

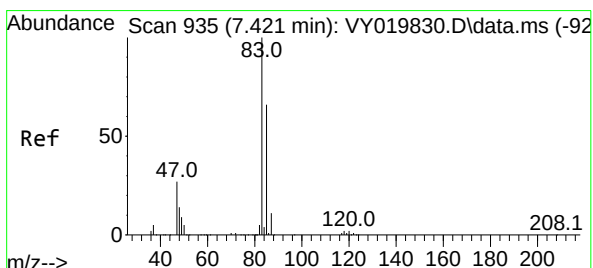
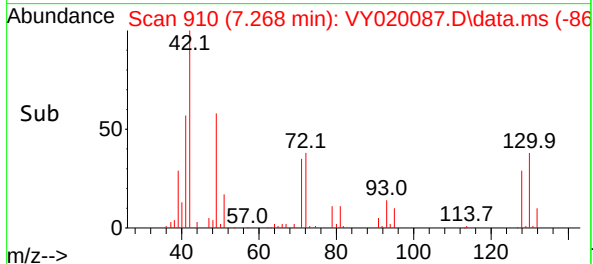
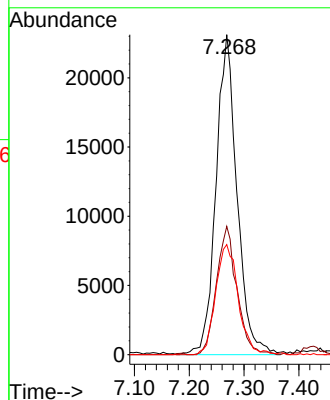
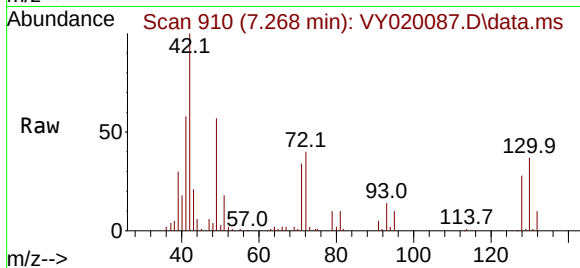
Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 61614
Ion Ratio	Lower Upper
42	100
72	39.0 43.0 64.4#
71	36.8 40.8 61.2#



#30

Chloroform

Concen: 21.397 ug/l

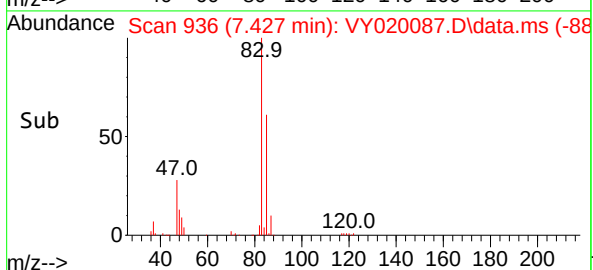
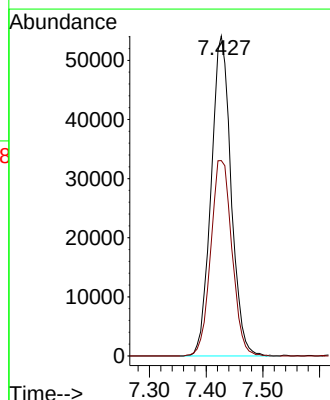
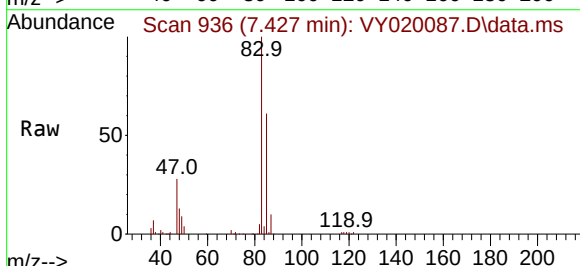
RT: 7.427 min Scan# 936

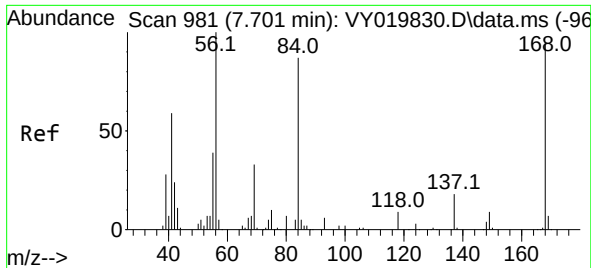
Delta R.T. 0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Tgt Ion: 83	Resp: 132399
Ion Ratio	Lower Upper
83	100
85	61.1 52.2 78.4

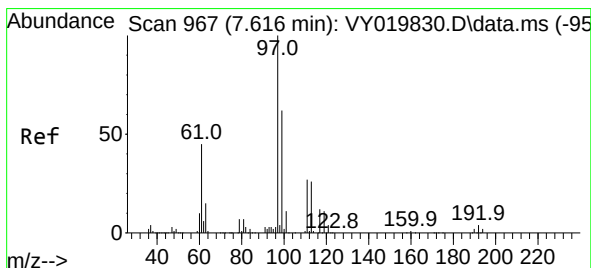
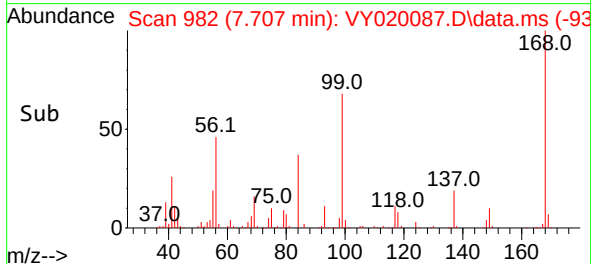
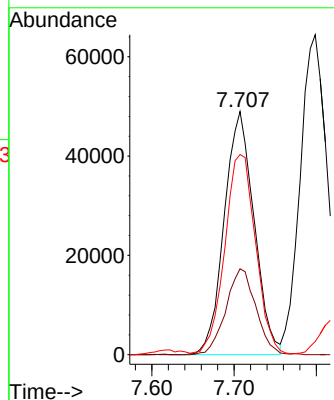
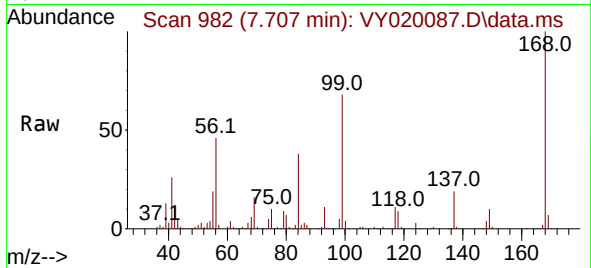




#31
Cyclohexane
Concen: 20.511 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

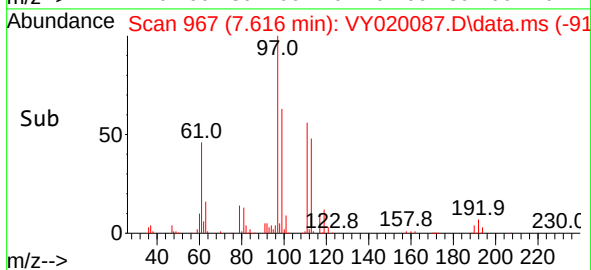
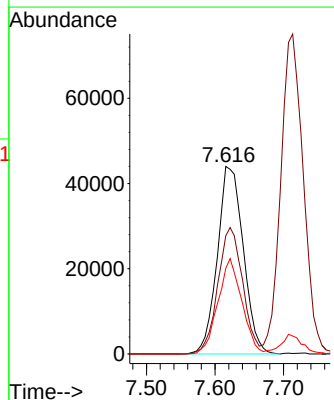
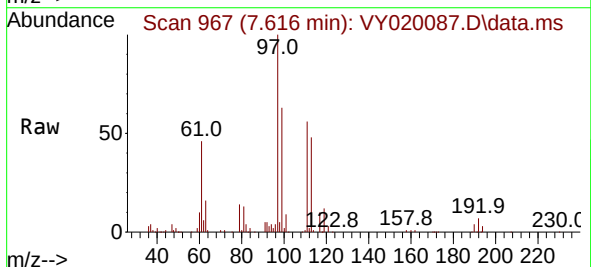
Instrument :
MSVOA_Y
ClientSampleId :

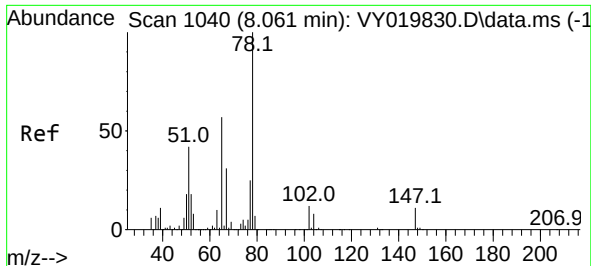
Tgt Ion: 56 Resp: 123816
Ion Ratio Lower Upper
56 100
69 35.3 28.7 43.1
84 80.8 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.405 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 97 Resp: 115634
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 46.9 32.6 48.8

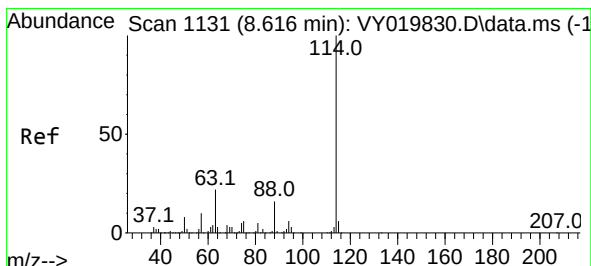
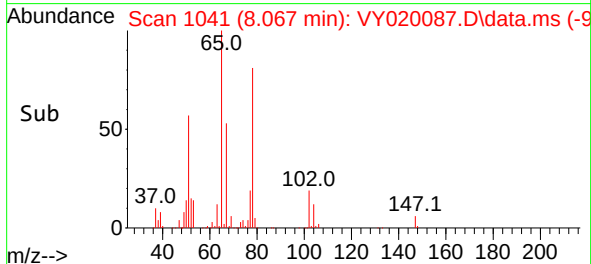
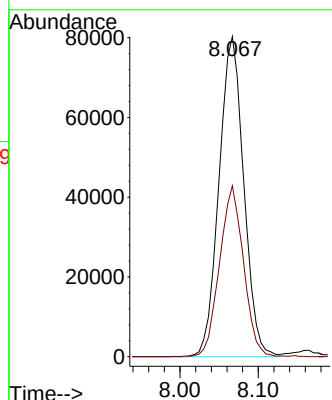
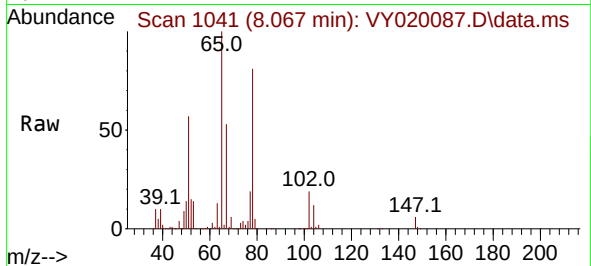




#33
 1,2-Dichloroethane-d4
 Concen: 52.962 ug/l
 RT: 8.067 min Scan# 1041
 Delta R.T. 0.006 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

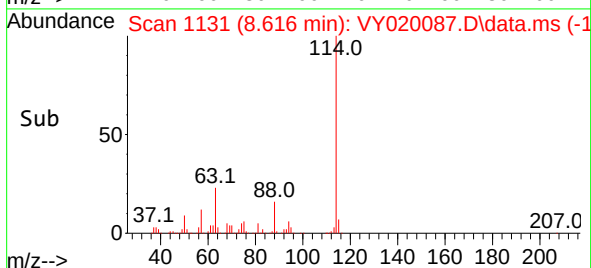
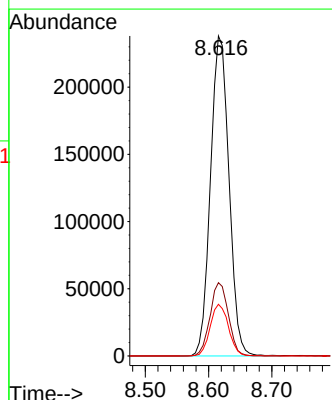
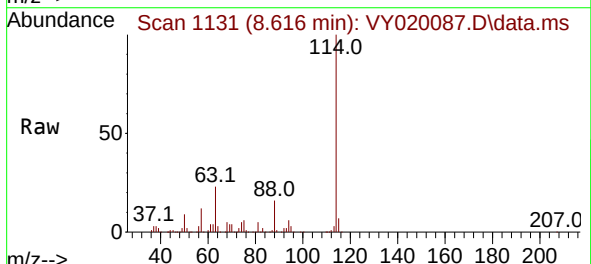
Instrument :
 MSVOA_Y
 ClientSampleId :

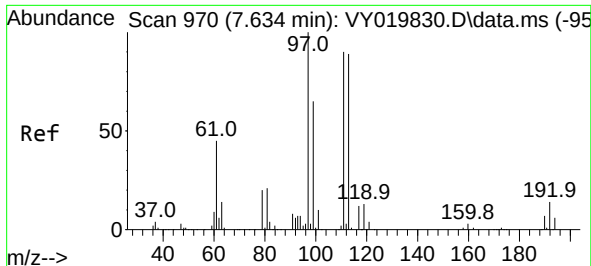
Tgt Ion: 65 Resp: 176177
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

Tgt Ion: 114 Resp: 483245
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 35.0
 88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.775 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

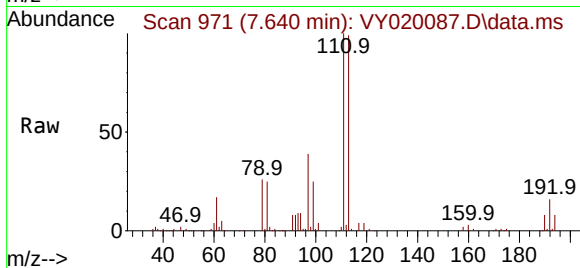
Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :



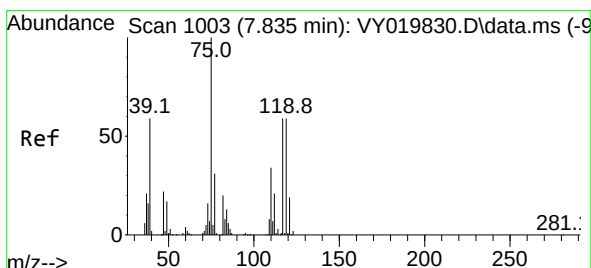
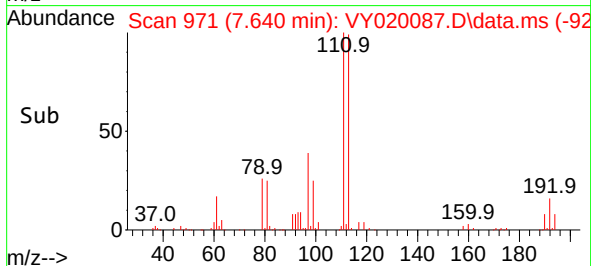
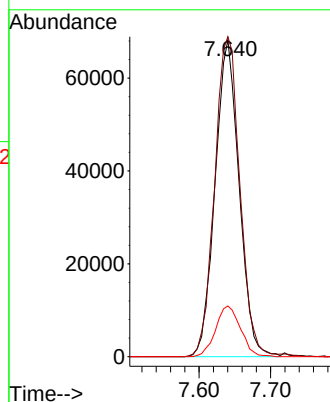
Tgt Ion:113 Resp: 159075

Ion Ratio Lower Upper

113 100

111 106.2 82.2 123.4

192 16.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 20.603 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

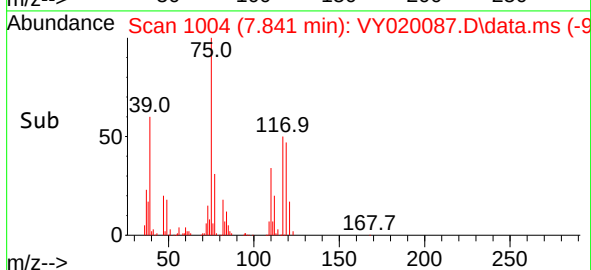
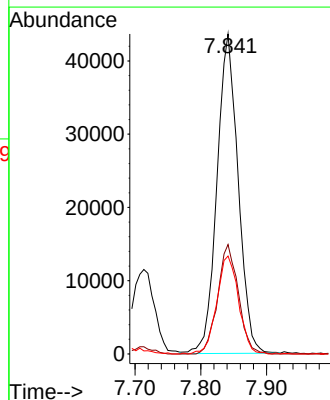
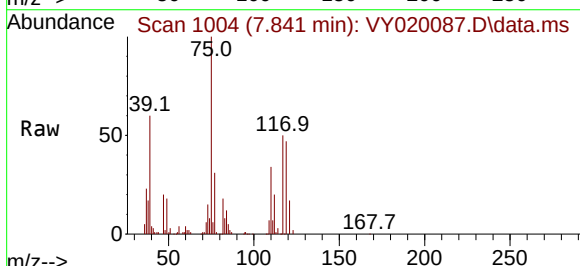
Tgt Ion: 75 Resp: 97785

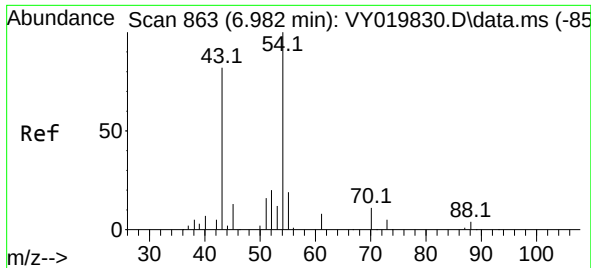
Ion Ratio Lower Upper

75 100

110 33.5 19.0 57.0

77 31.5 25.3 37.9

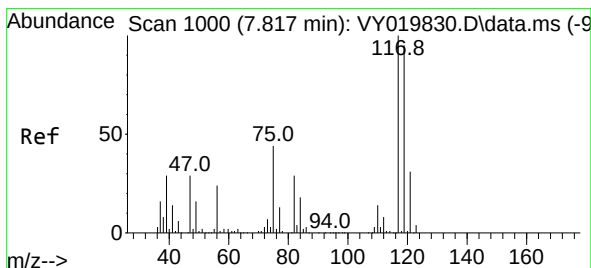
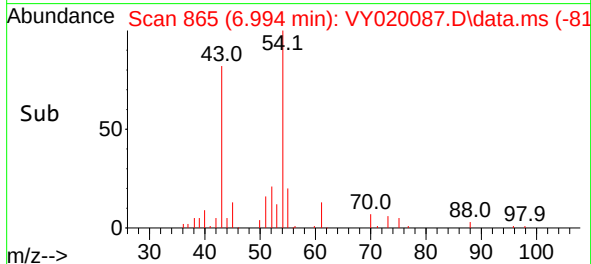
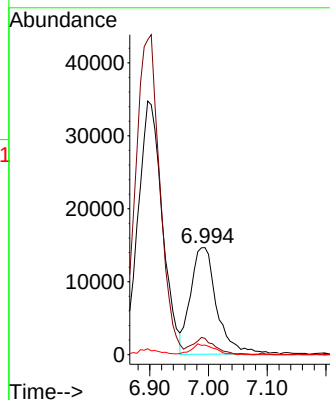
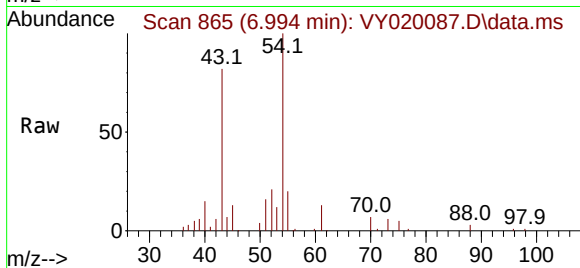




#37
Ethyl Acetate
Concen: 19.933 ug/l
RT: 6.994 min Scan# 80
Delta R.T. 0.013 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

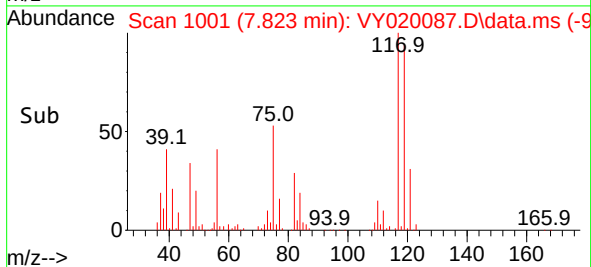
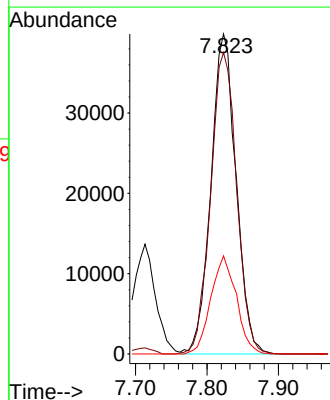
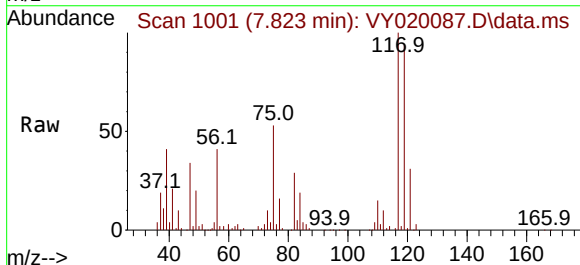
Instrument :
MSVOA_Y
ClientSampleId :

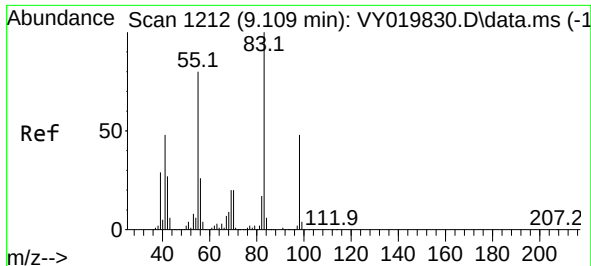
Tgt Ion: 43 Resp: 45105
Ion Ratio Lower Upper
43 100
61 12.6 12.6 19.0#
70 8.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.413 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 117 Resp: 97425
Ion Ratio Lower Upper
117 100
119 94.2 75.8 113.6
121 30.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.649 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

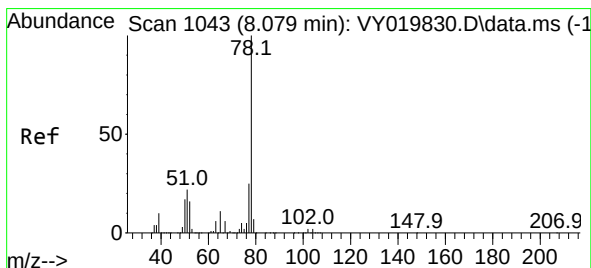
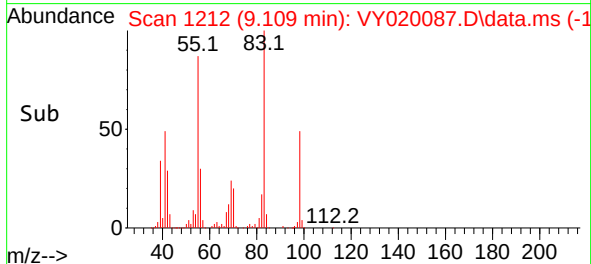
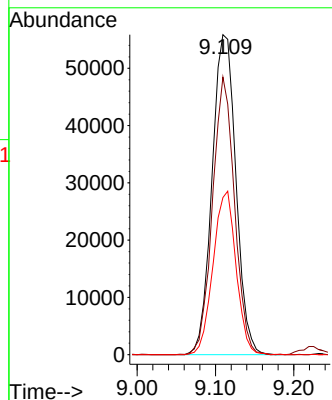
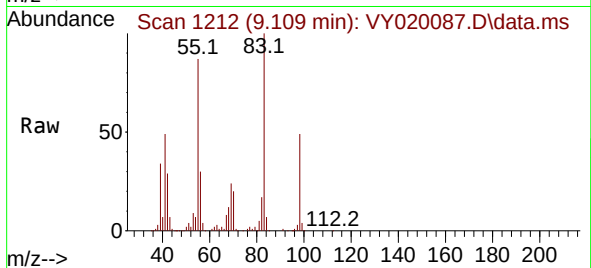
Tgt Ion: 83 Resp: 118362

Ion Ratio Lower Upper

83 100

55 86.6 51.5 77.3#

98 49.1 40.5 60.7



#40

Benzene

Concen: 21.026 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020087.D

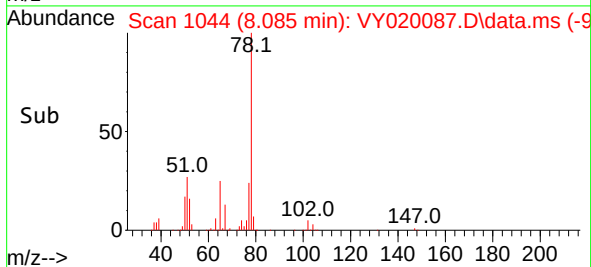
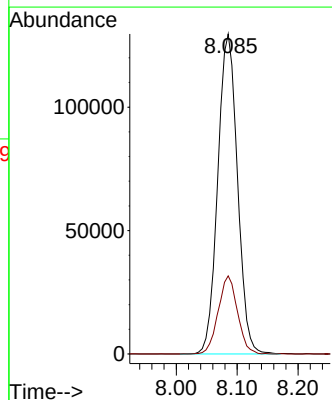
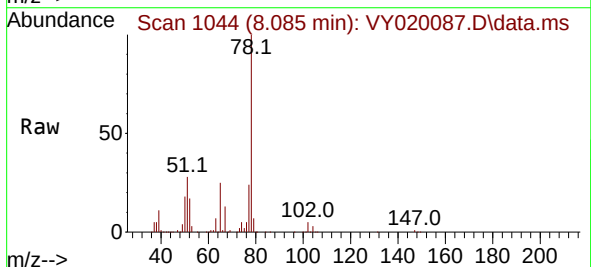
Acq: 31 Oct 2024 12:21

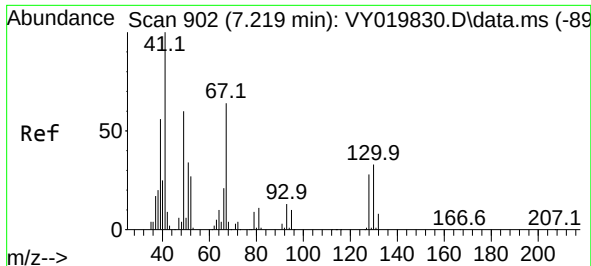
Tgt Ion: 78 Resp: 291287

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

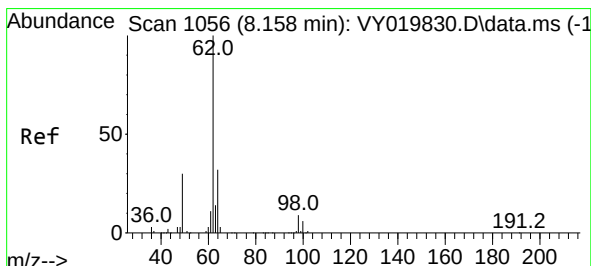
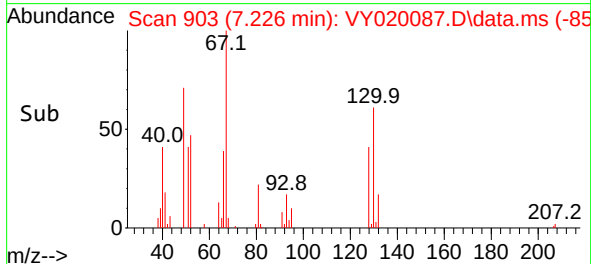
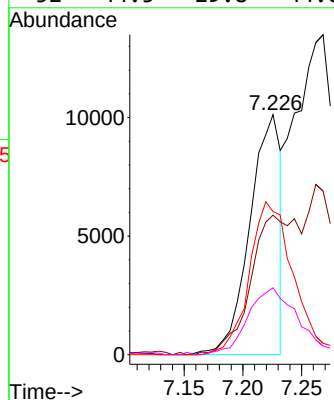
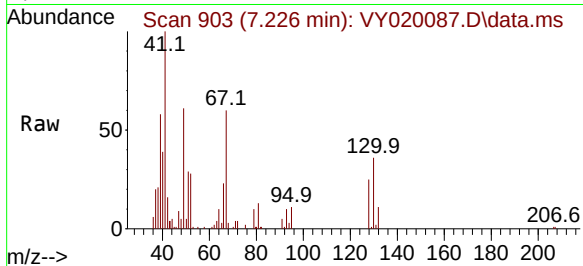




#41
Methacrylonitrile
Concen: 16.424 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

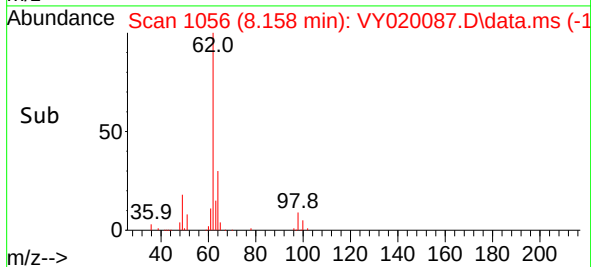
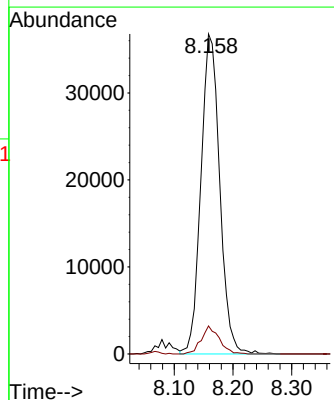
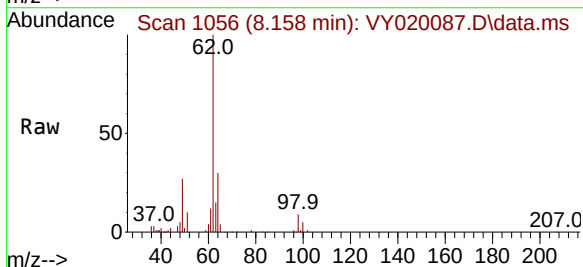
Instrument :
MSVOA_Y
ClientSampleId :

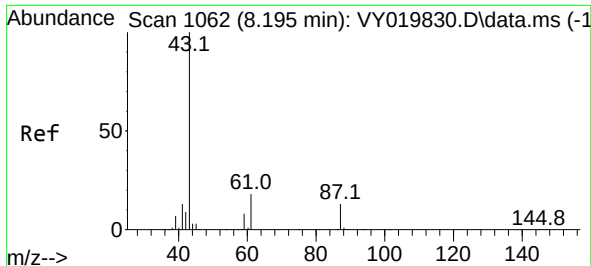
Tgt Ion: 41 Resp: 18617
Ion Ratio Lower Upper
41 100
39 69.5 48.0 72.0
67 91.2 75.1 112.7
52 44.5 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.299 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 62 Resp: 81676
Ion Ratio Lower Upper
62 100
98 8.4 0.0 22.0





#43

Isopropyl Acetate

Concen: 18.866 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

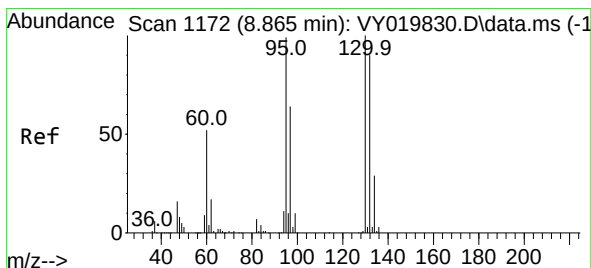
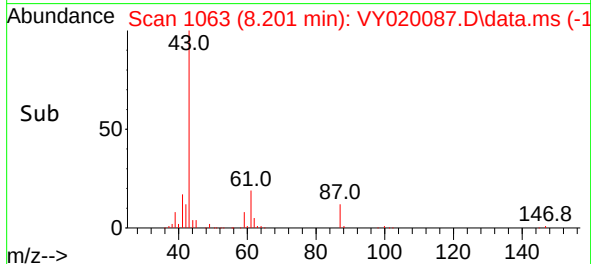
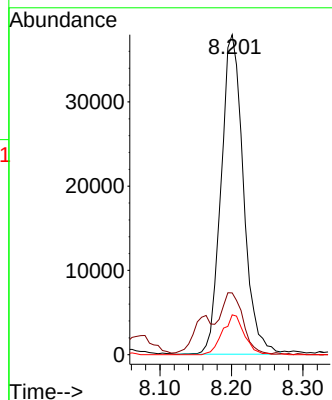
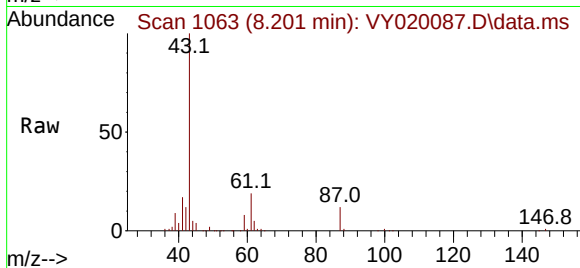
Tgt Ion: 43 Resp: 82095

Ion Ratio Lower Upper

43 100

61 18.6 27.9 41.9#

87 12.3 13.1 19.7#



#44

Trichloroethene

Concen: 20.889 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020087.D

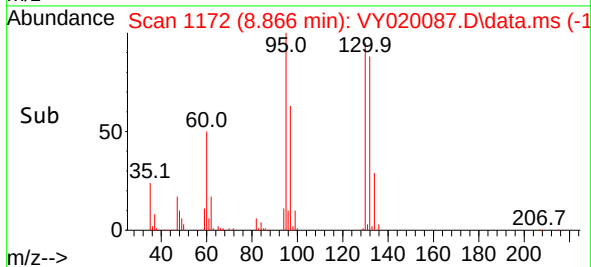
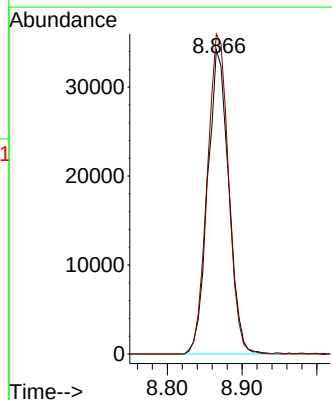
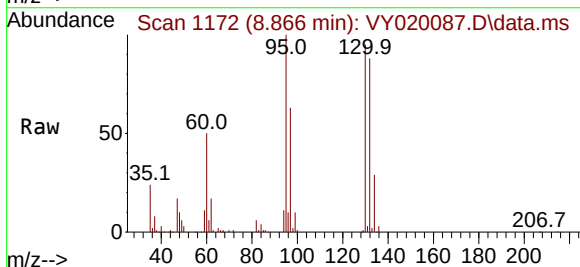
Acq: 31 Oct 2024 12:21

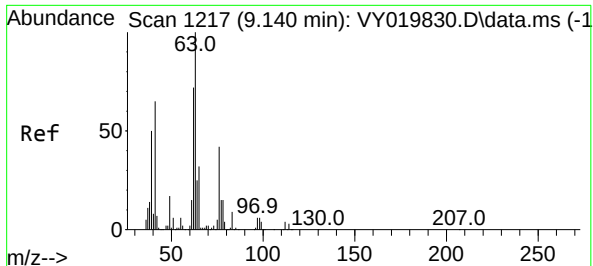
Tgt Ion:130 Resp: 67071

Ion Ratio Lower Upper

130 100

95 105.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.162 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

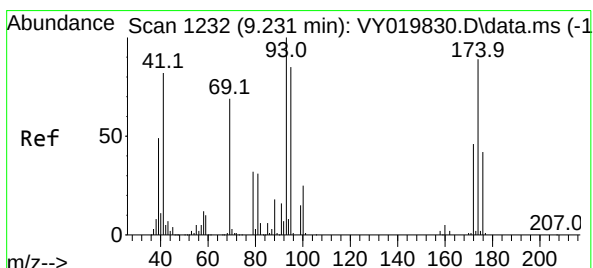
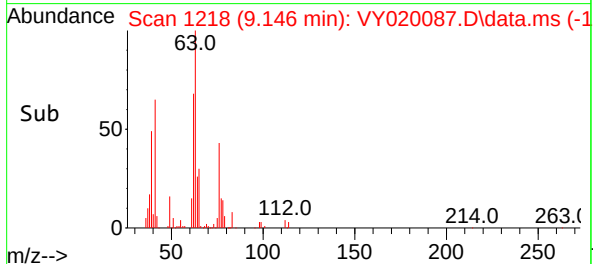
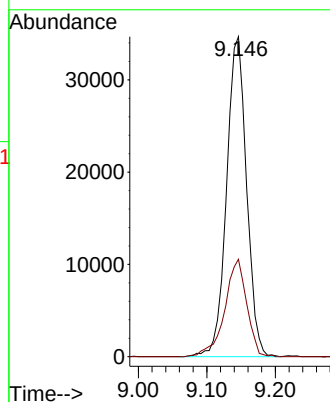
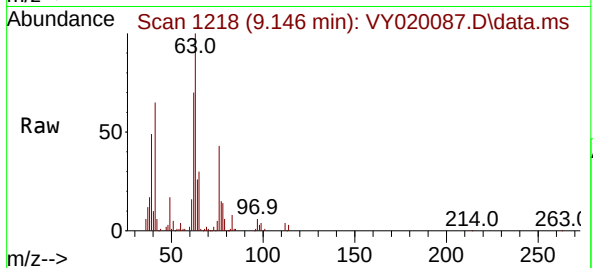
ClientSampleId :

Tgt Ion: 63 Resp: 70142

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.2



#46

Dibromomethane

Concen: 19.894 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

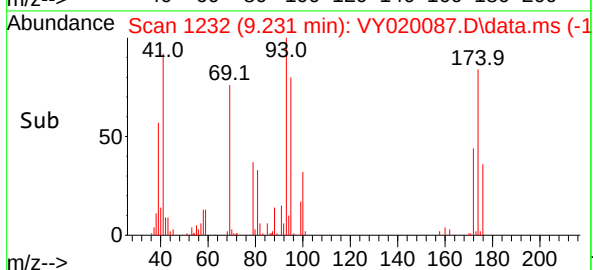
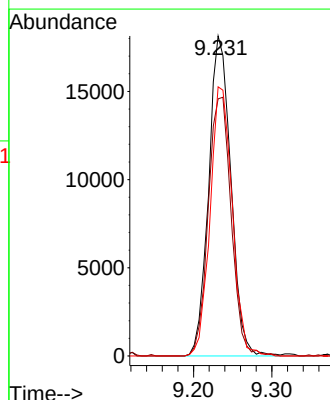
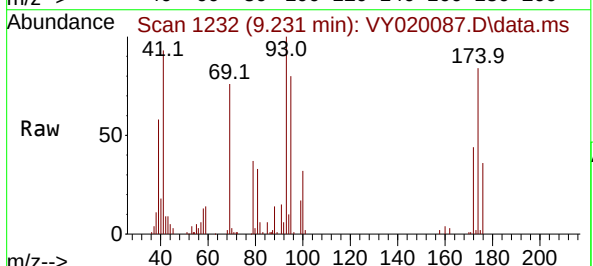
Tgt Ion: 93 Resp: 35729

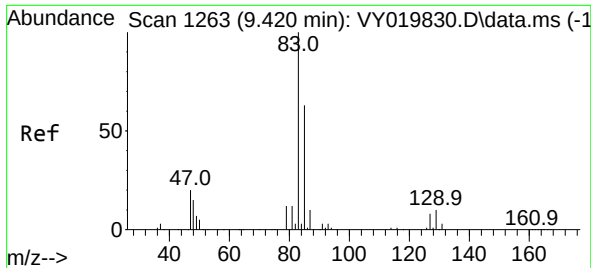
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 83.5 80.9 121.3

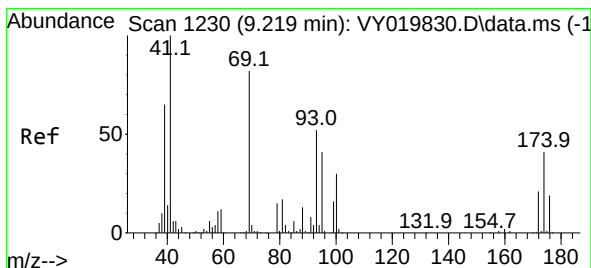
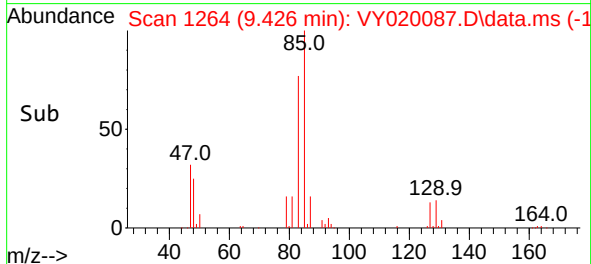
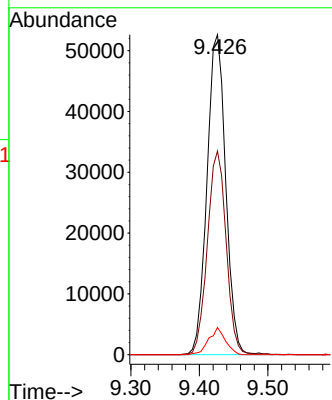
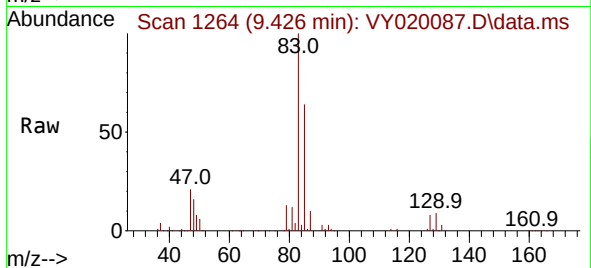




#47
Bromodichloromethane
Concen: 21.267 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

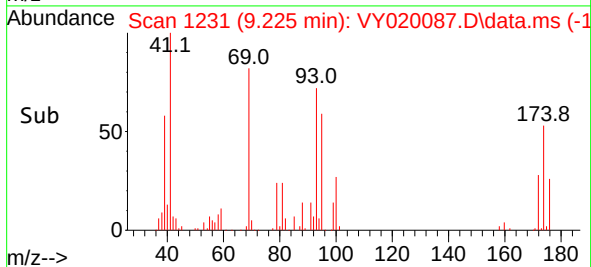
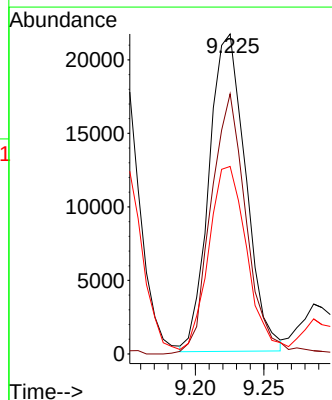
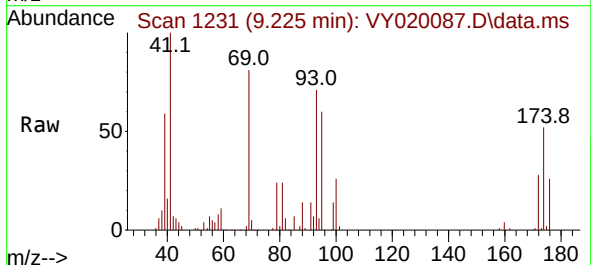
Instrument :
MSVOA_Y
ClientSampleId :

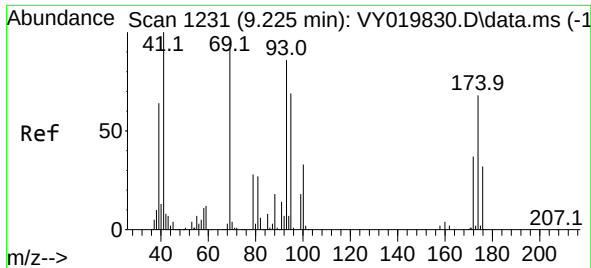
Tgt Ion: 83 Resp: 100056
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 19.934 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

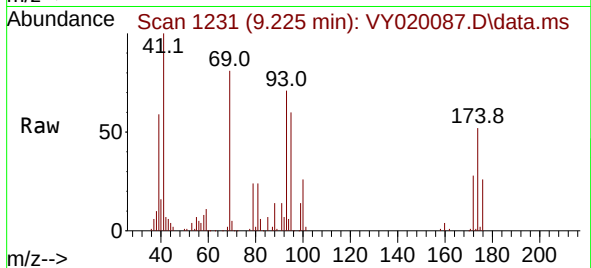
Tgt Ion: 41 Resp: 40177
Ion Ratio Lower Upper
41 100
69 79.4 84.1 126.1#
39 59.4 43.6 65.4



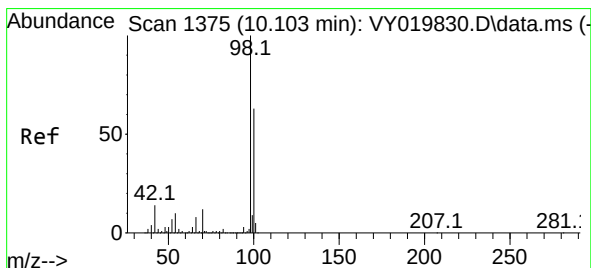
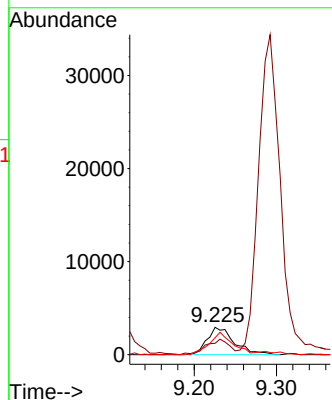
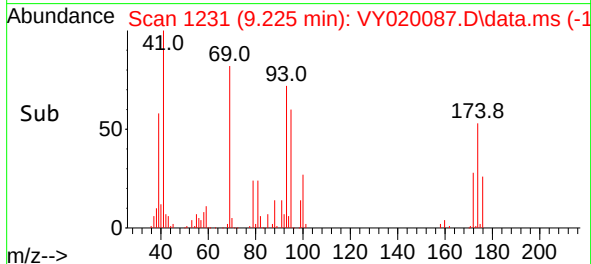


#49
1,4-Dioxane
Concen: 365.063 ug/l
RT: 9.225 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

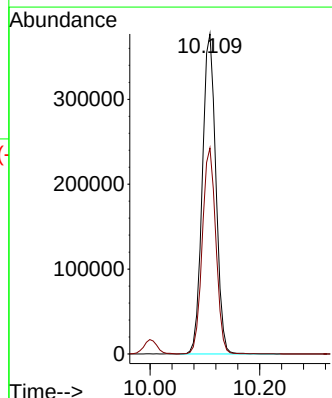
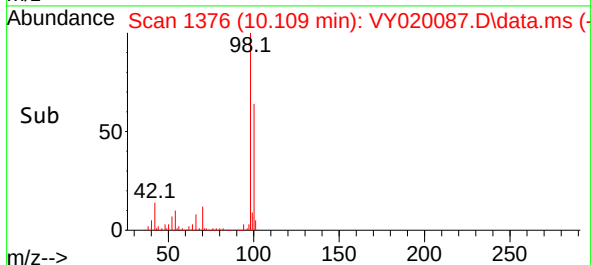
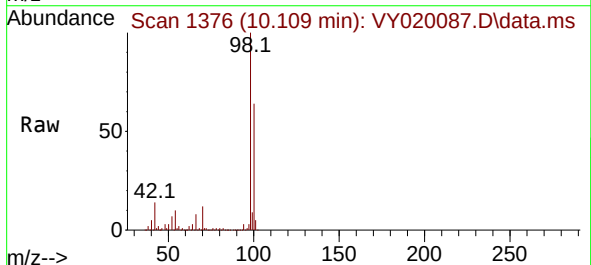


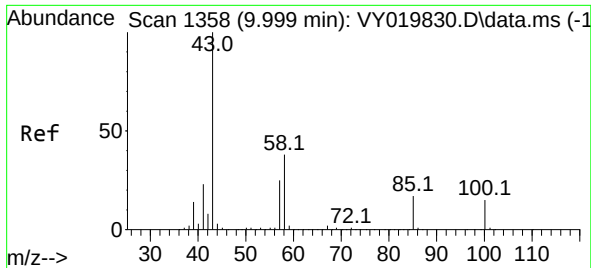
Tgt Ion: 88 Resp: 6750
Ion Ratio Lower Upper
88 100
43 47.2 0.0 0.0#
58 70.7 49.3 73.9



#50
Toluene-d8
Concen: 52.653 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 98 Resp: 643935
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 95.216 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

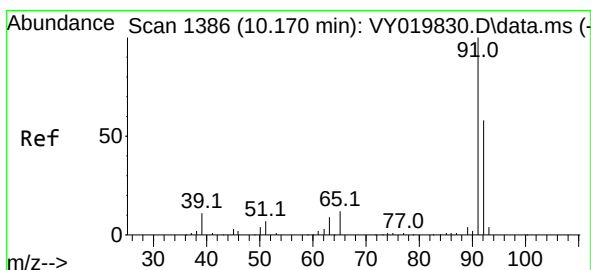
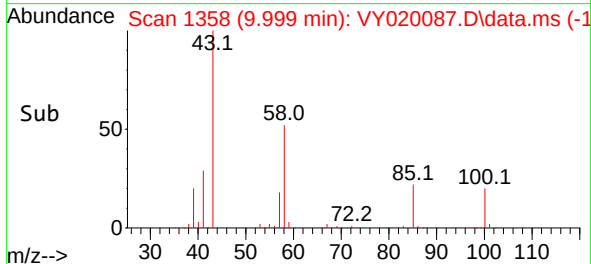
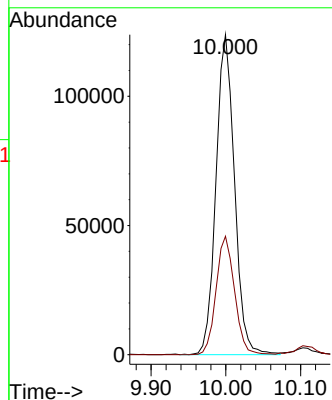
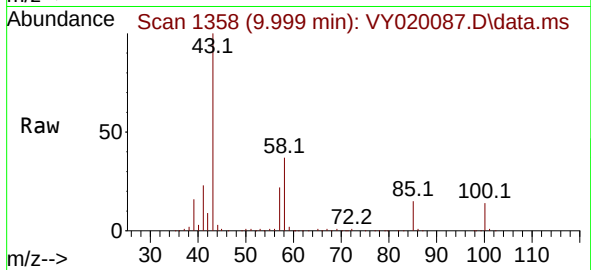
ClientSampleId :

Tgt Ion: 43 Resp: 213487

Ion Ratio Lower Upper

43 100

58 36.9 35.7 53.5



#52

Toluene

Concen: 20.997 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020087.D

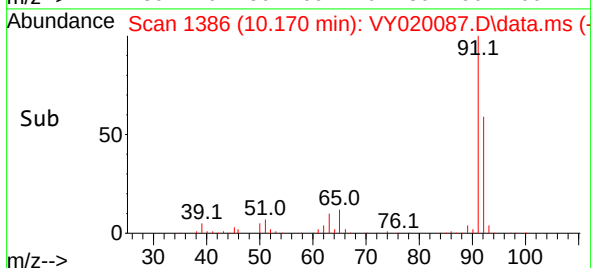
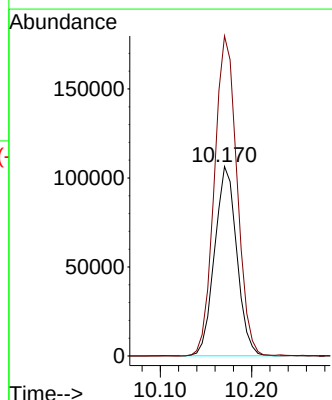
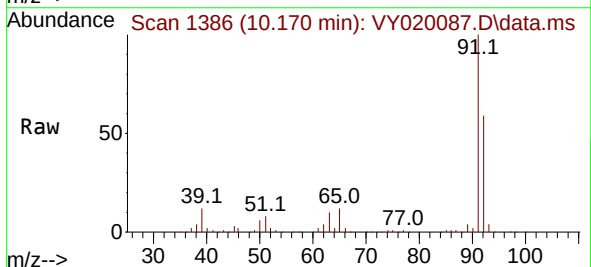
Acq: 31 Oct 2024 12:21

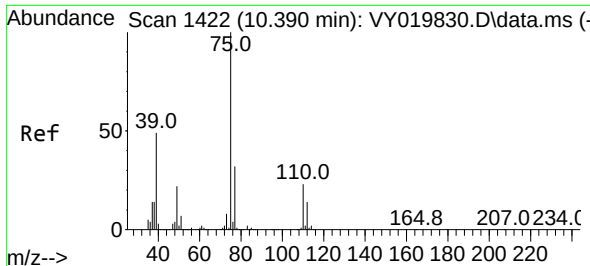
Tgt Ion: 92 Resp: 179306

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.6

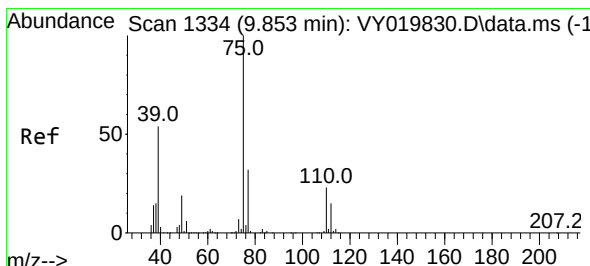
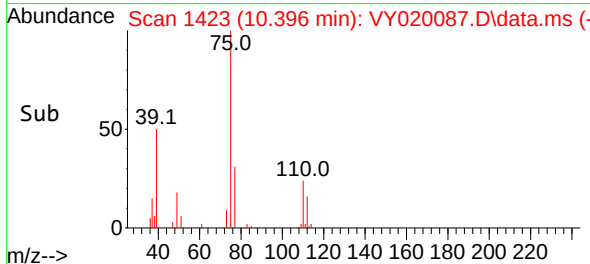
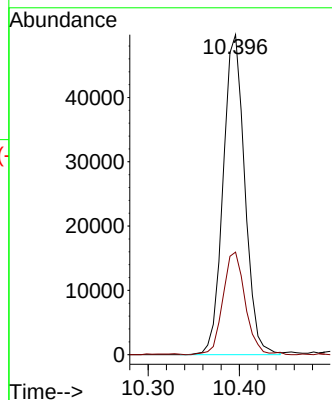
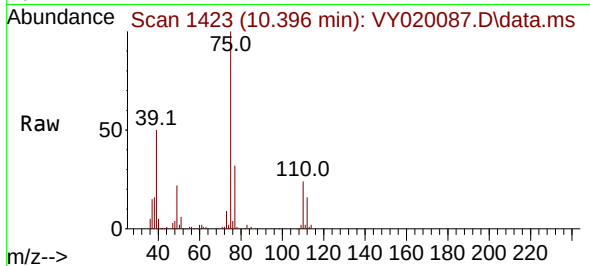




#53
 t-1,3-Dichloropropene
 Concen: 19.704 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

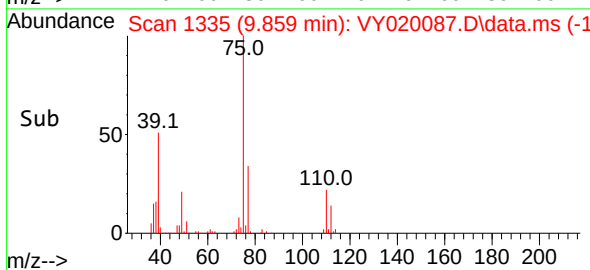
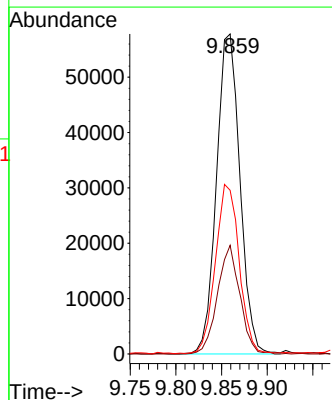
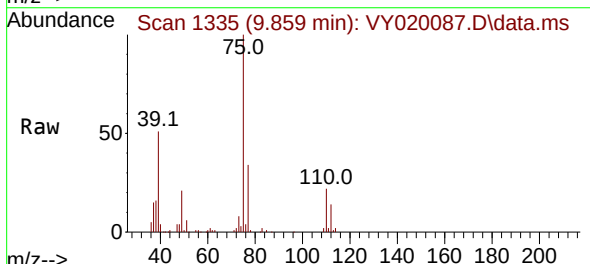
Instrument :
 MSVOA_Y
 ClientSampleId :

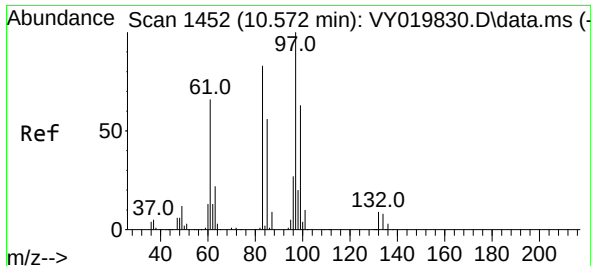
Tgt Ion: 75 Resp: 81863
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.864 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY020087.D
 Acq: 31 Oct 2024 12:21

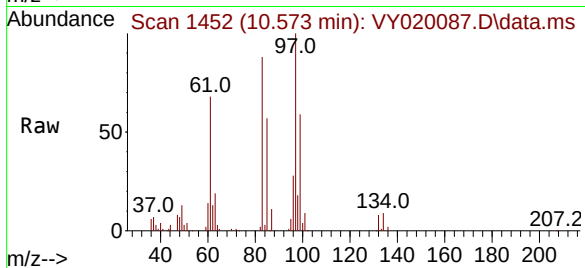
Tgt Ion: 75 Resp: 103464
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.4 38.0
 39 50.9 29.8 44.6#



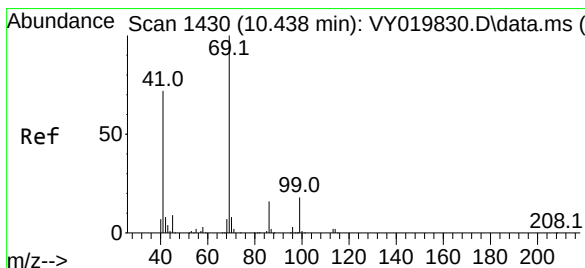
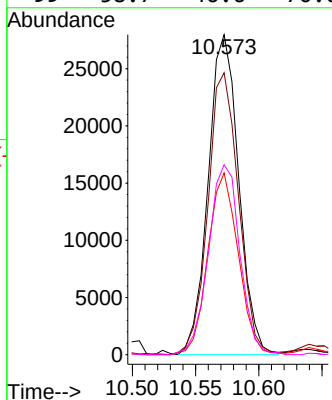
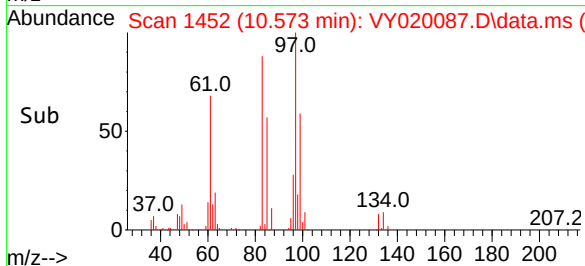


#55
1,1,2-Trichloroethane
Concen: 21.020 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

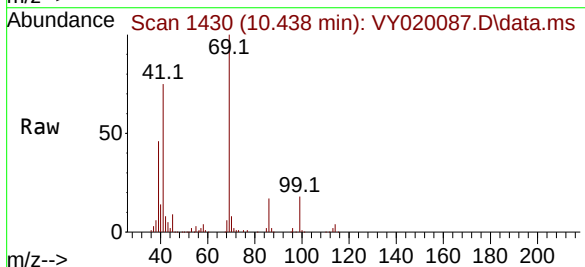
Instrument :
MSVOA_Y
ClientSampleId :



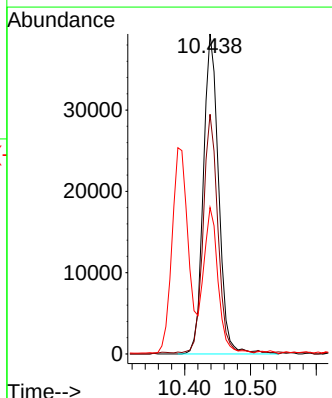
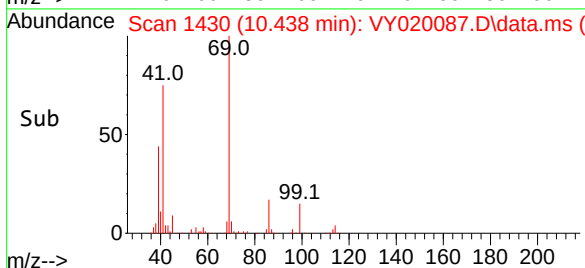
Tgt Ion: 97	Resp: 46938
Ion Ratio	Lower Upper
97 100	
83 87.5	67.5 101.3
85 56.3	42.9 64.3
99 58.7	46.6 70.0

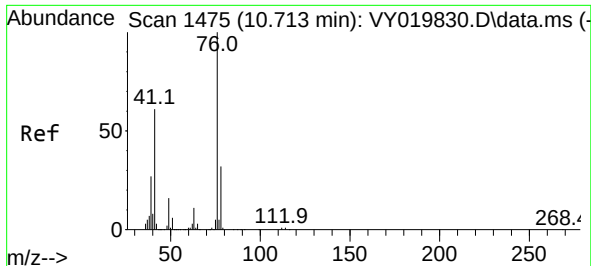


#56
Ethyl methacrylate
Concen: 19.892 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21



Tgt Ion: 69	Resp: 63717
Ion Ratio	Lower Upper
69 100	
41 71.7	42.3 63.5#
39 41.3	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.484 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

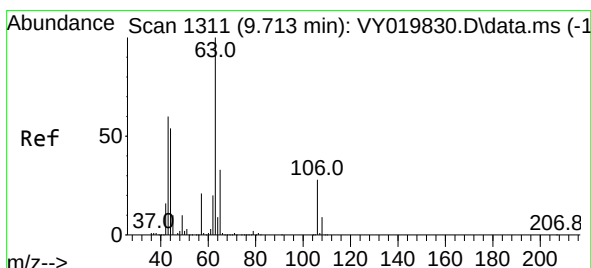
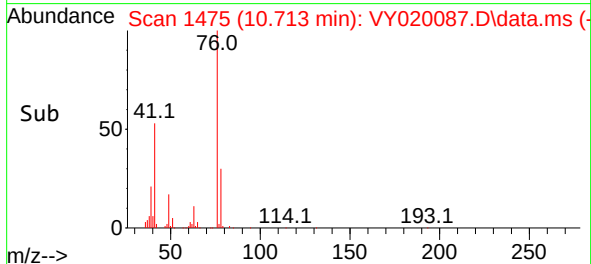
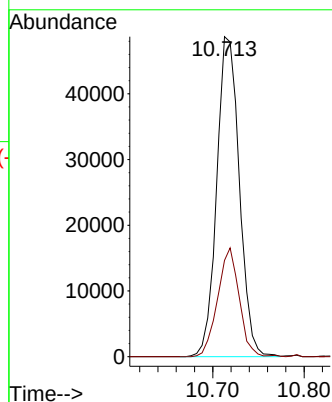
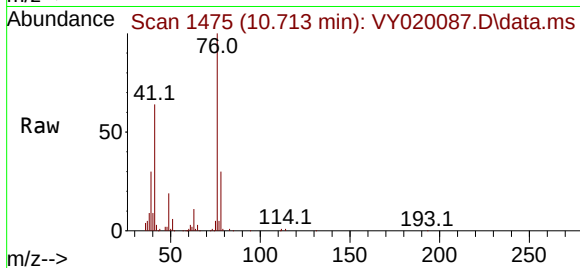
ClientSampleId :

Tgt Ion: 76 Resp: 83765

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 96.170 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020087.D

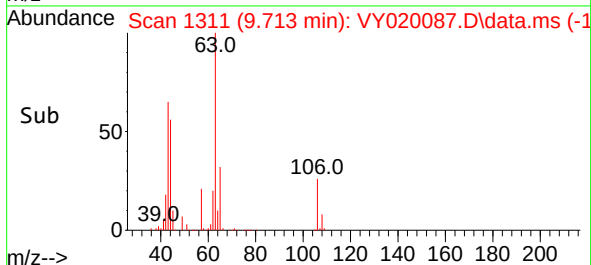
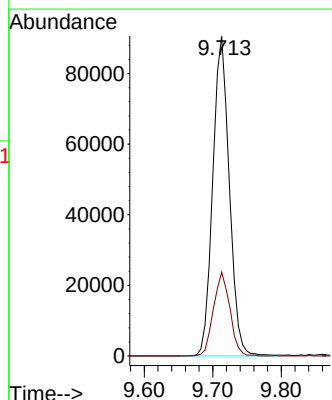
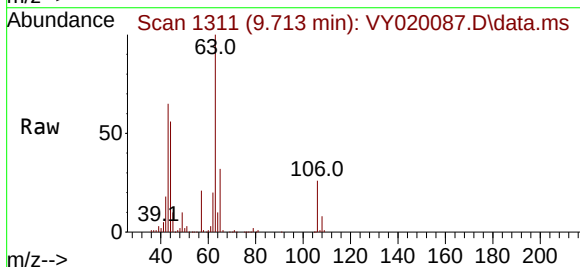
Acq: 31 Oct 2024 12:21

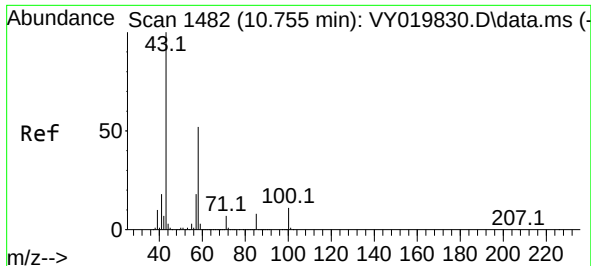
Tgt Ion: 63 Resp: 151917

Ion Ratio Lower Upper

63 100

106 26.0 23.7 35.5

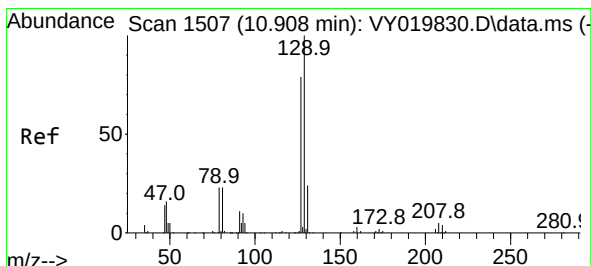
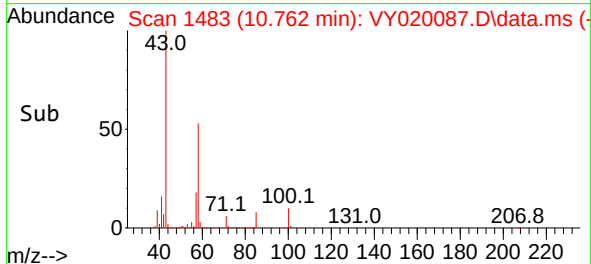
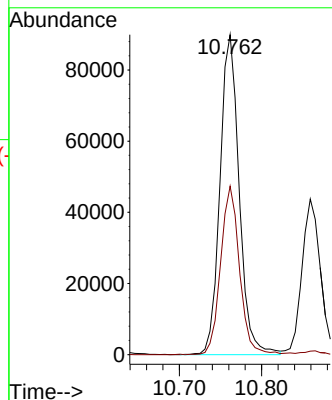
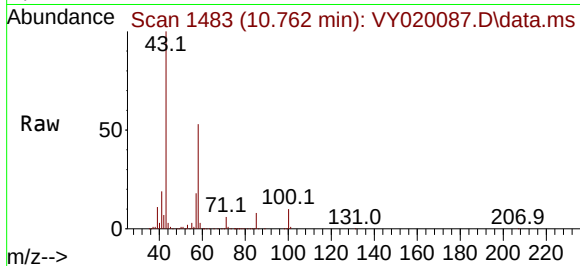




#59
2-Hexanone
Concen: 90.694 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

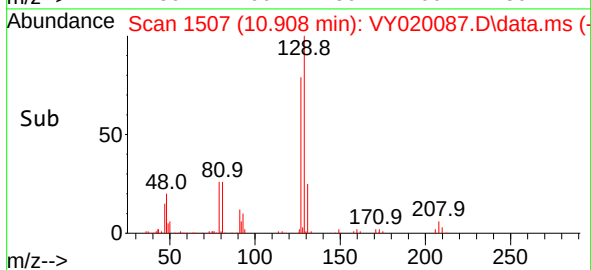
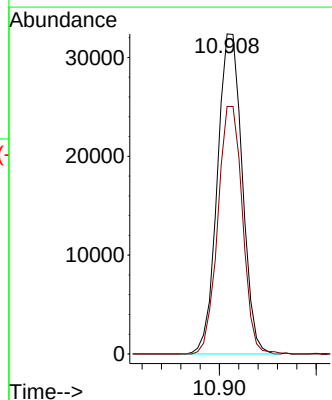
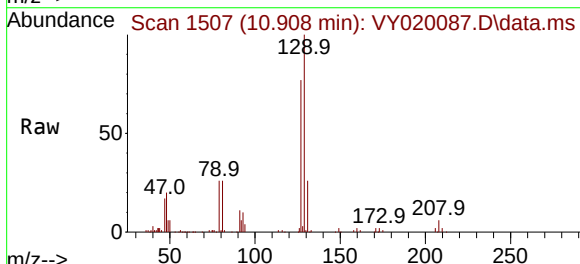
Instrument :
MSVOA_Y
ClientSampleId :

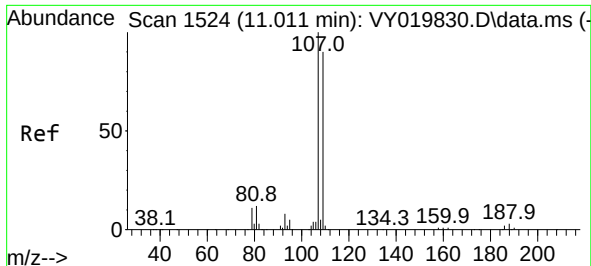
Tgt Ion: 43 Resp: 145785
Ion Ratio Lower Upper
43 100
58 51.9 31.4 94.0



#60
Dibromochloromethane
Concen: 20.293 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 129 Resp: 57763
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0

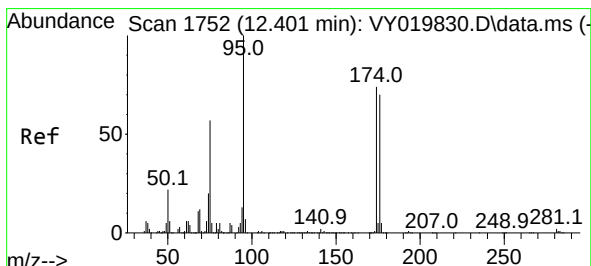
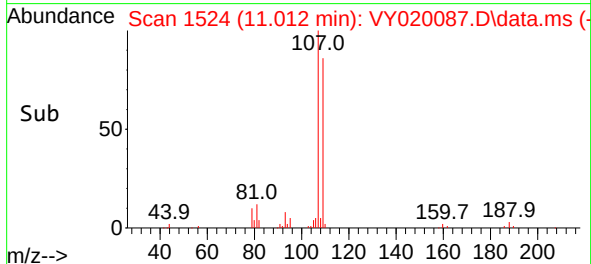
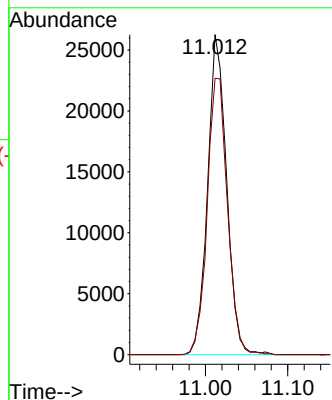
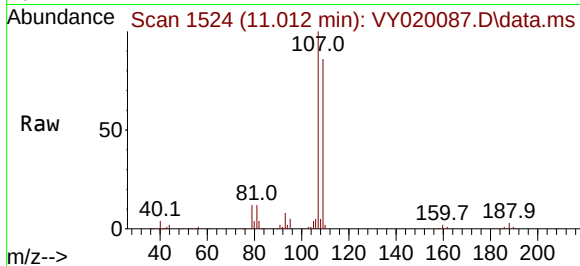




#61
1,2-Dibromoethane
Concen: 20.267 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

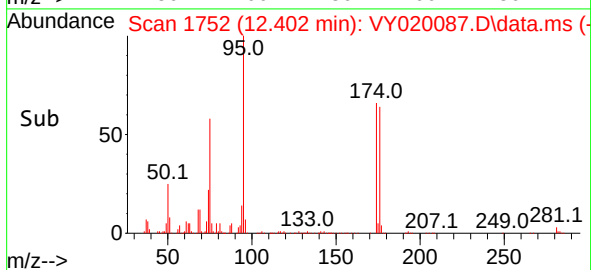
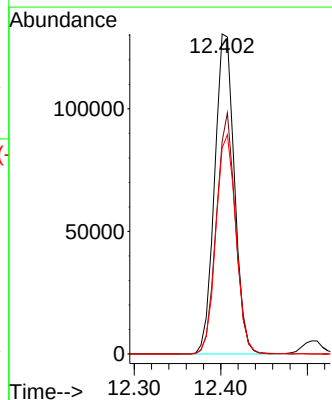
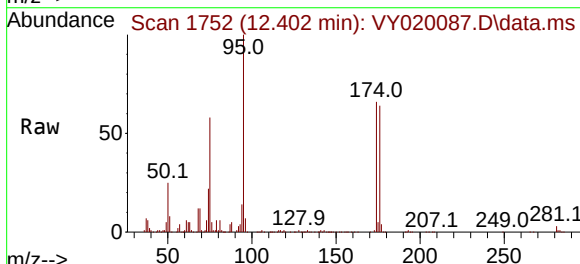
Instrument :
MSVOA_Y
ClientSampleId :

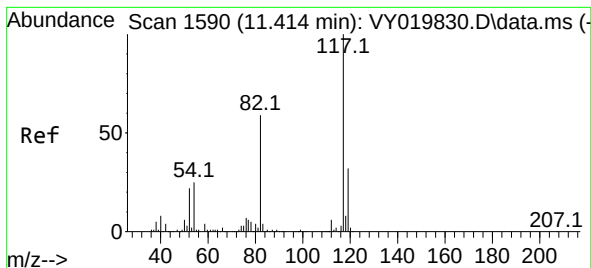
Tgt Ion:107 Resp: 42046
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.192 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 95 Resp: 207327
Ion Ratio Lower Upper
95 100
174 72.7 0.0 175.6
176 69.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

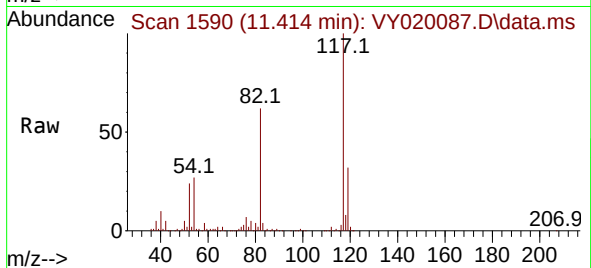
Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :



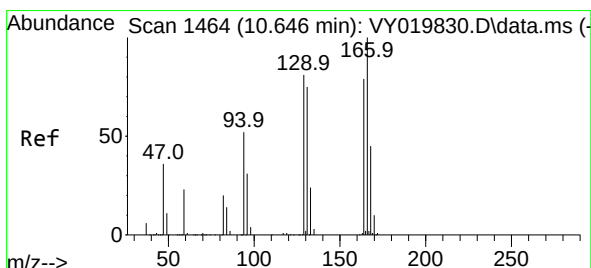
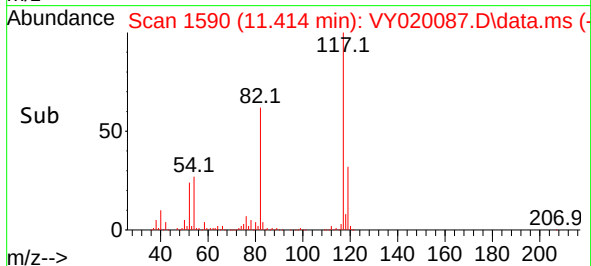
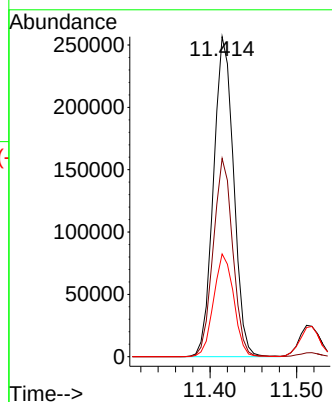
Tgt Ion:117 Resp: 414401

Ion Ratio Lower Upper

117 100

82 61.9 42.4 63.6

119 32.1 25.9 38.9



#64

Tetrachloroethene

Concen: 20.460 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Tgt Ion:164 Resp: 55983

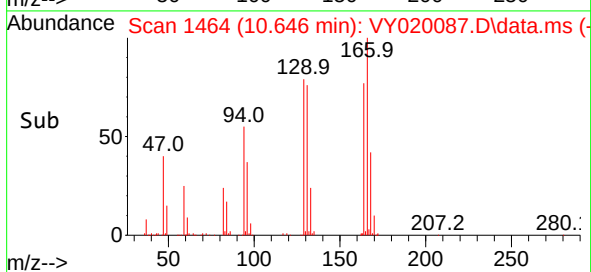
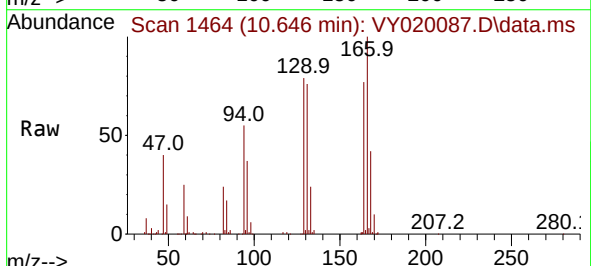
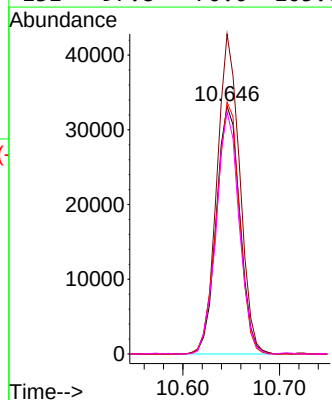
Ion Ratio Lower Upper

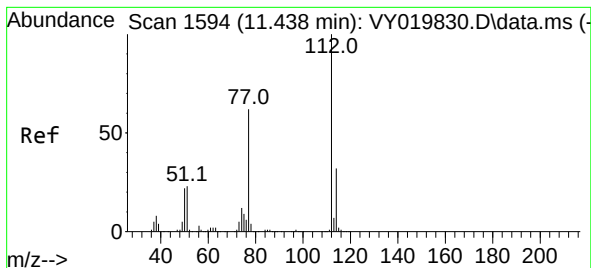
164 100

166 129.2 102.6 154.0

129 101.7 72.0 108.0

131 97.8 70.0 105.0





#65

Chlorobenzene

Concen: 21.204 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

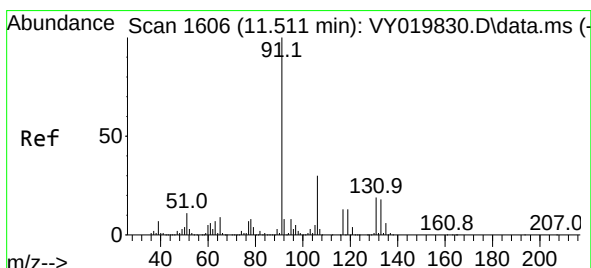
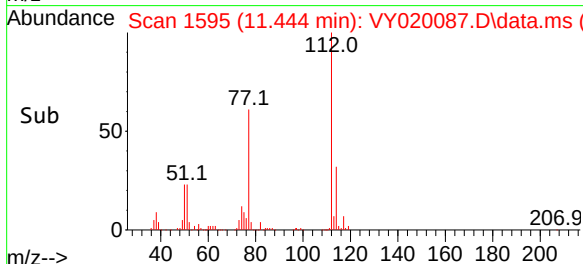
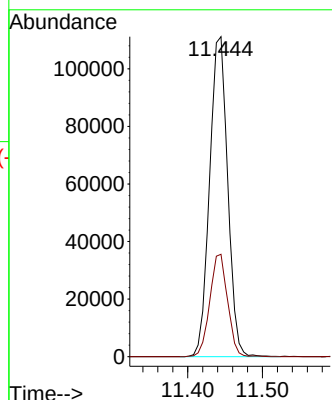
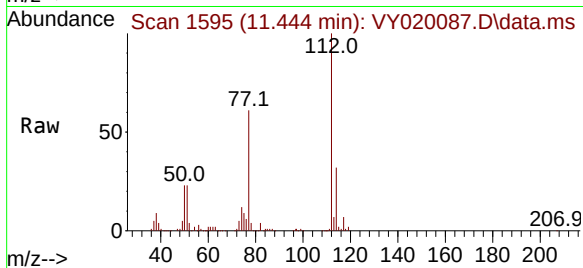
ClientSampleId :

Tgt Ion:112 Resp: 187230

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.703 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

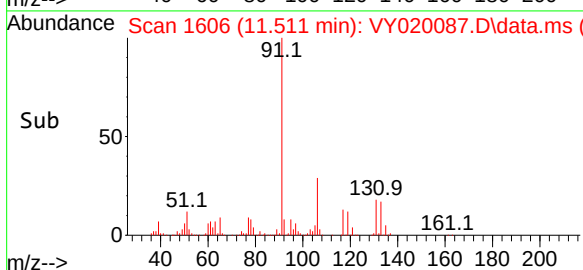
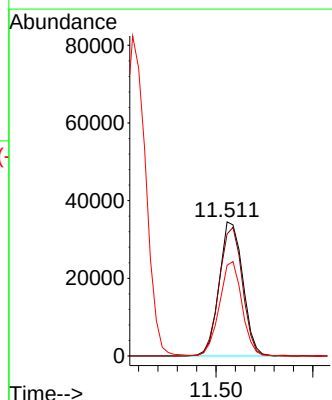
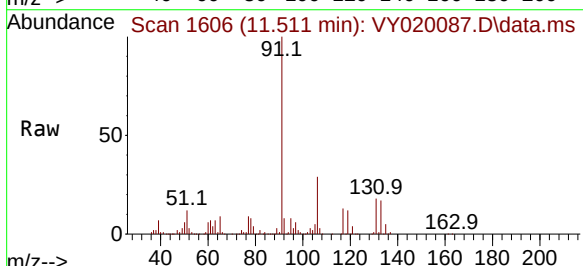
Tgt Ion:131 Resp: 58406

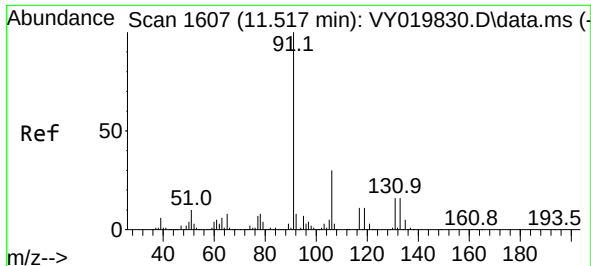
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 21.181 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

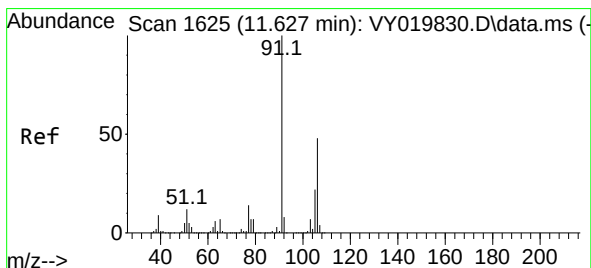
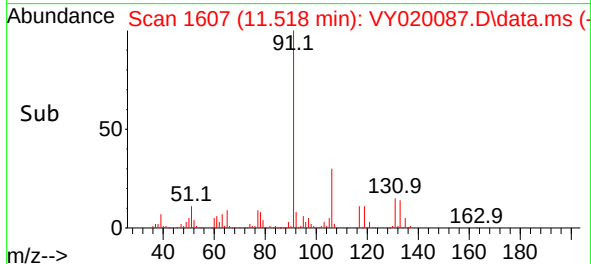
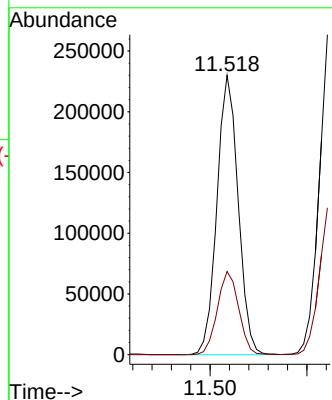
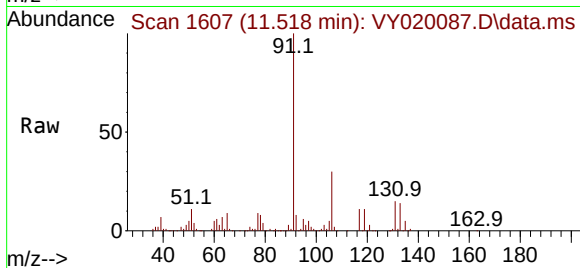
ClientSampleId :

Tgt Ion: 91 Resp: 349618

Ion Ratio Lower Upper

91 100

106 29.8 24.5 36.7



#68

m/p-Xylenes

Concen: 42.824 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020087.D

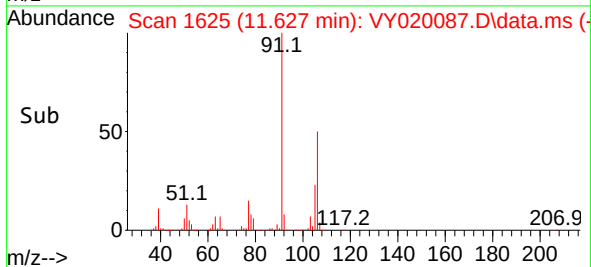
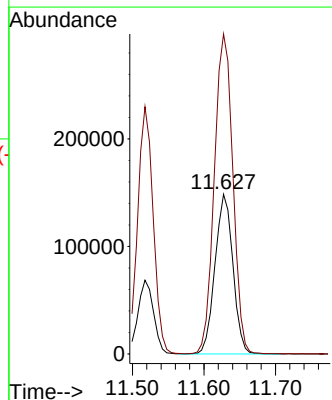
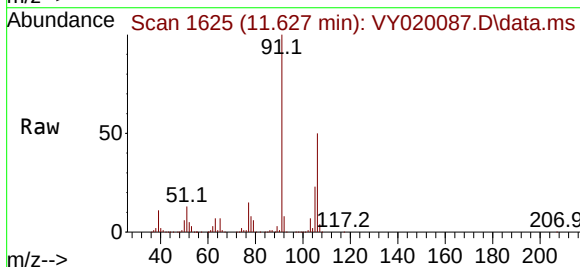
Acq: 31 Oct 2024 12:21

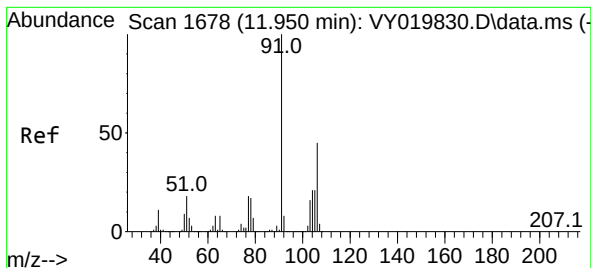
Tgt Ion:106 Resp: 258610

Ion Ratio Lower Upper

106 100

91 207.3 156.0 234.0





#69

o-Xylene

Concen: 21.339 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

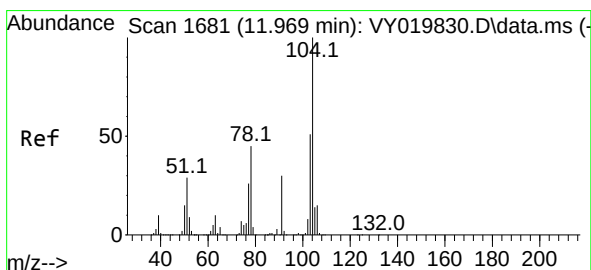
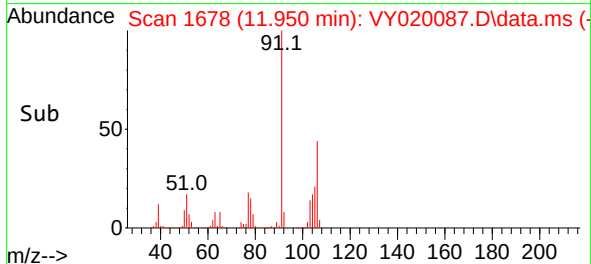
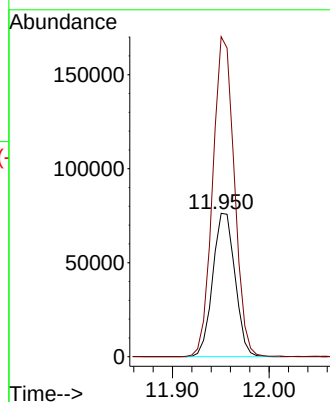
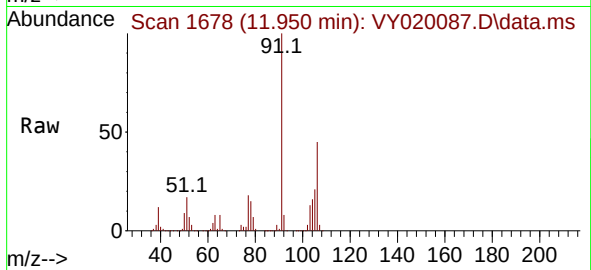
ClientSampleId :

Tgt Ion:106 Resp: 122003

Ion Ratio Lower Upper

106 100

91 217.0 103.6 310.8



#70

Styrene

Concen: 21.370 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

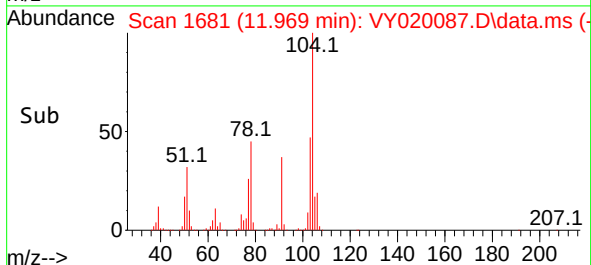
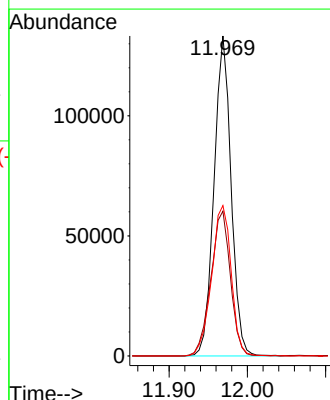
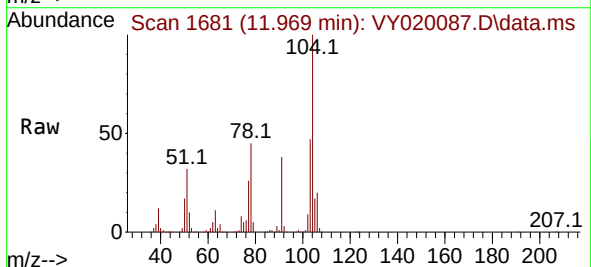
Tgt Ion:104 Resp: 202016

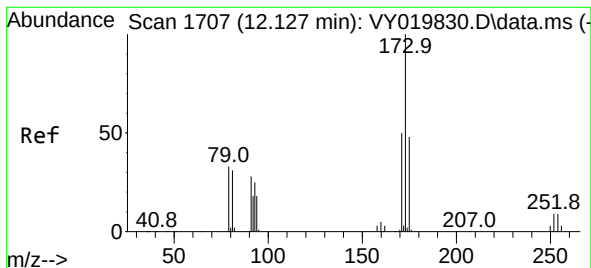
Ion Ratio Lower Upper

104 100

78 51.9 37.0 55.4

103 54.0 44.2 66.2





#71

Bromoform

Concen: 19.617 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

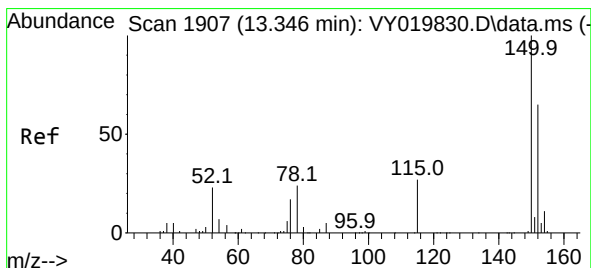
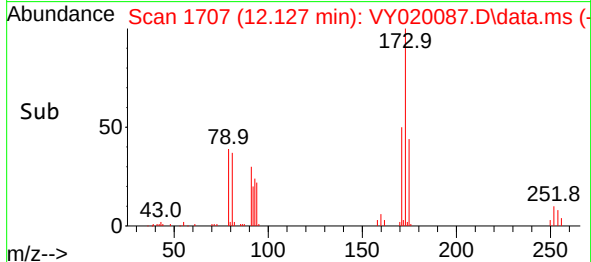
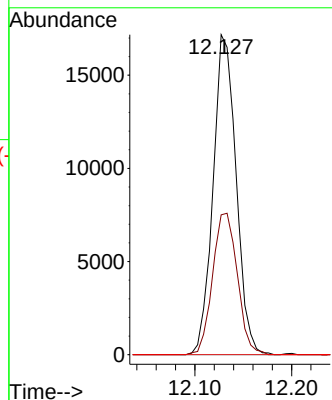
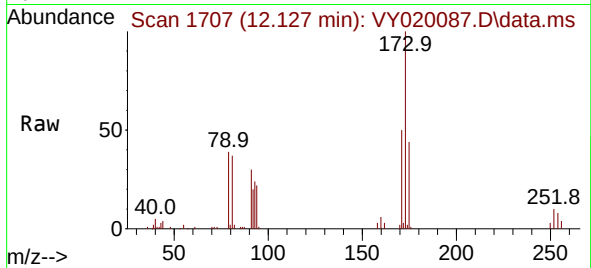
Tgt Ion:173 Resp: 28391

Ion Ratio Lower Upper

173 100

175 47.5 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

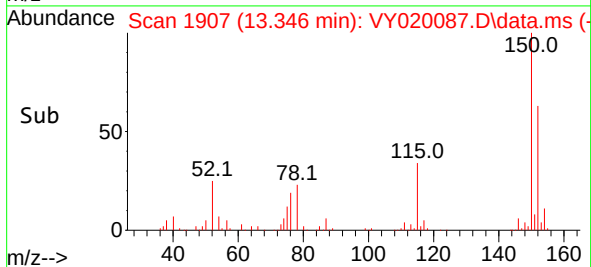
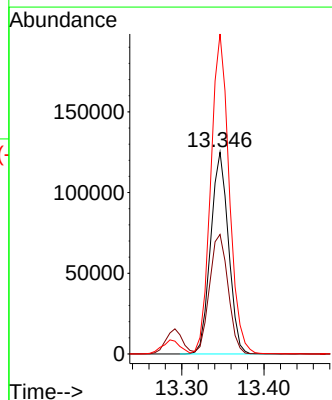
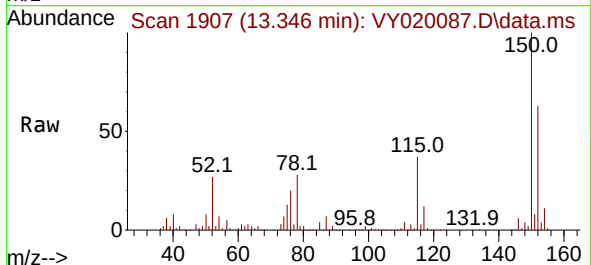
Tgt Ion:152 Resp: 187853

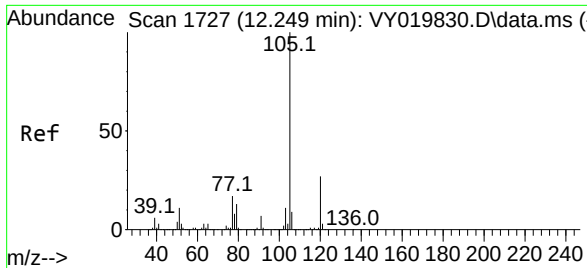
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 163.8 0.0 345.6

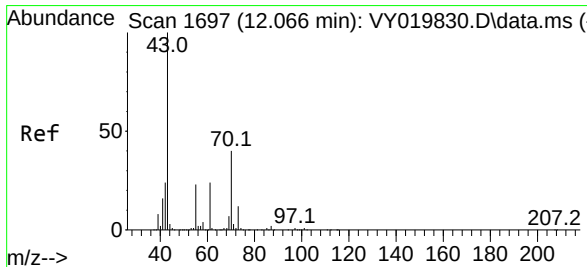
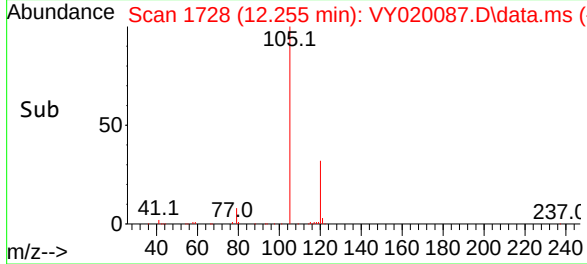
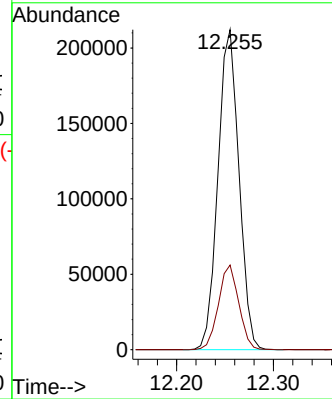
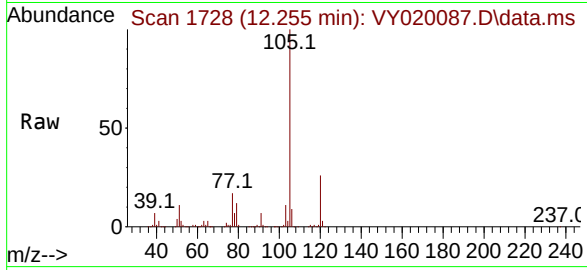




#73
Isopropylbenzene
Concen: 21.289 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

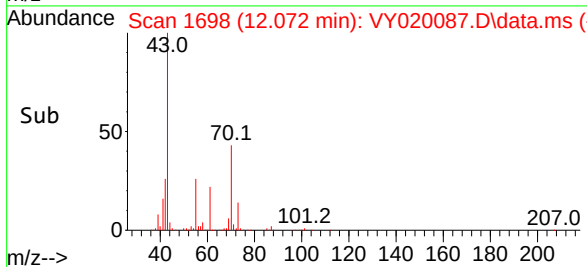
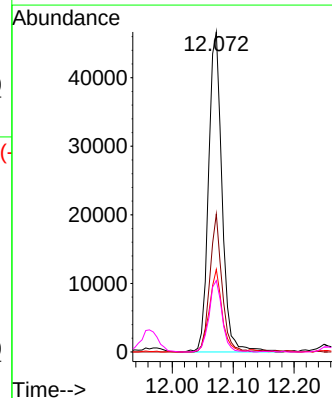
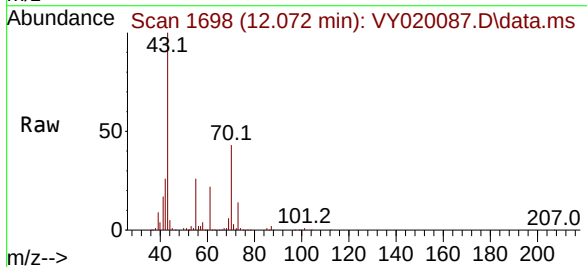
Instrument :
MSVOA_Y
ClientSampleId :

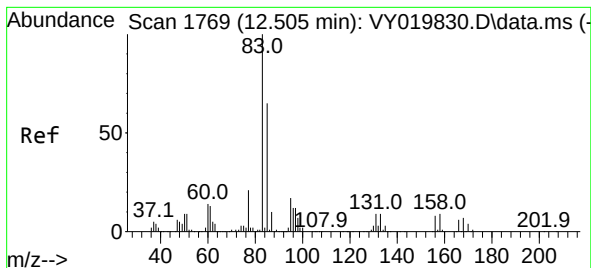
Tgt Ion:105 Resp: 319480
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1



#74
N-ethyl acetate
Concen: 19.237 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 43 Resp: 72161
Ion Ratio Lower Upper
43 100
70 38.8 41.4 62.2#
55 24.4 23.3 34.9
61 21.7 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.740 ug/l

RT: 12.505 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

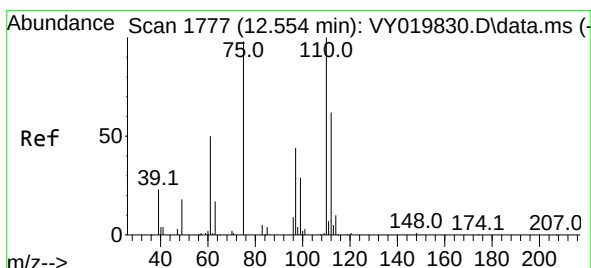
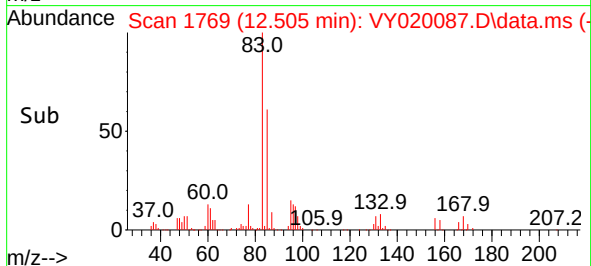
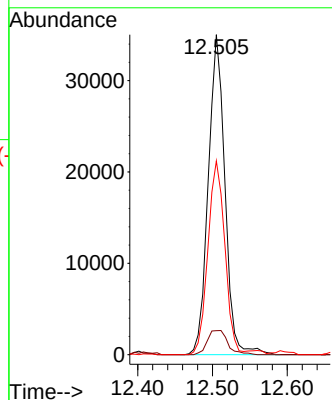
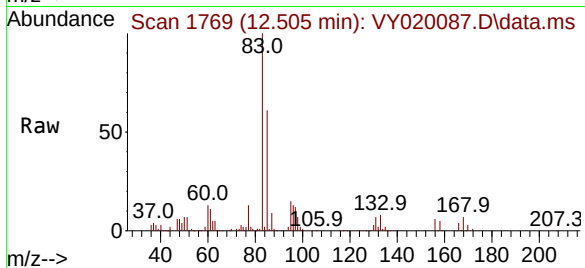
Tgt Ion: 83 Resp: 54431

Ion Ratio Lower Upper

83 100

131 9.3 5.0 14.9

85 61.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 38.857 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY020087.D

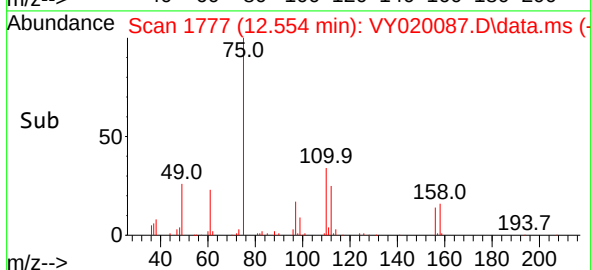
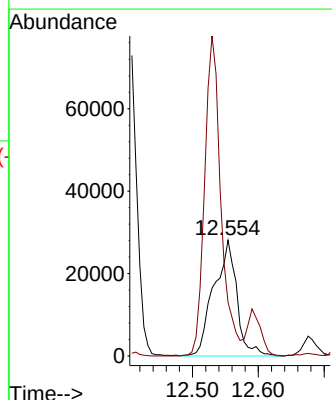
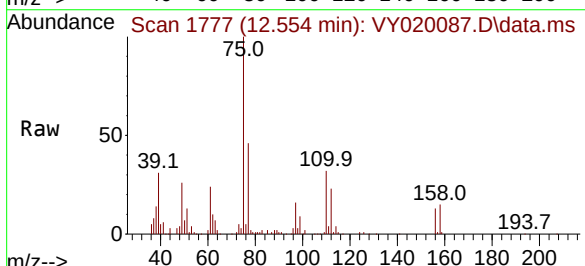
Acq: 31 Oct 2024 12:21

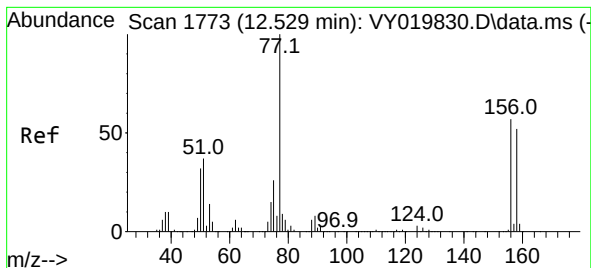
Tgt Ion: 75 Resp: 68425

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.376 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

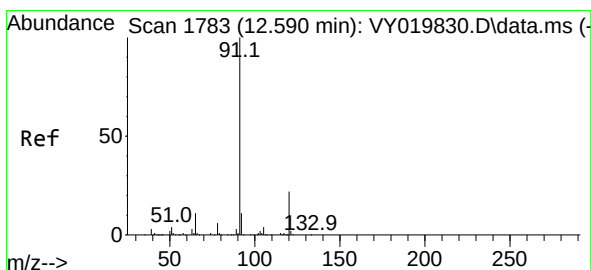
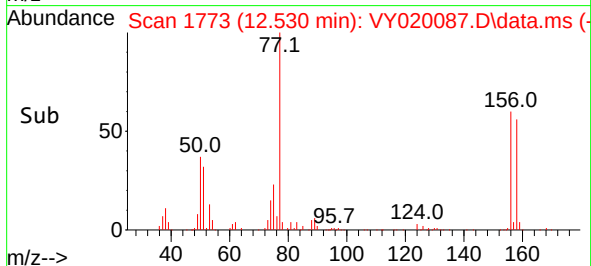
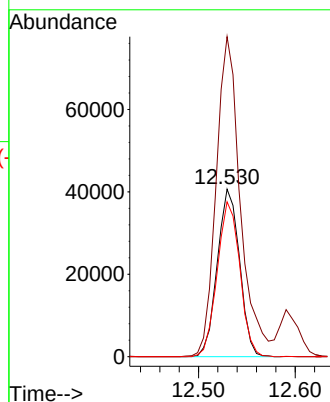
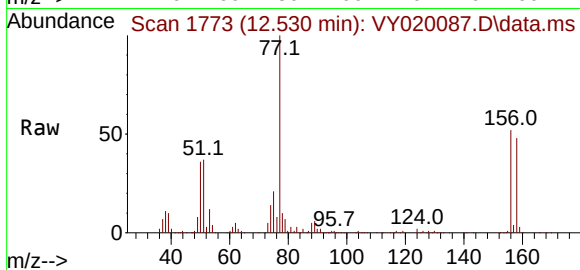
Tgt Ion:156 Resp: 64874

Ion Ratio Lower Upper

156 100

77 206.9 87.1 261.3

158 94.0 48.6 145.9



#78

n-propylbenzene

Concen: 21.516 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020087.D

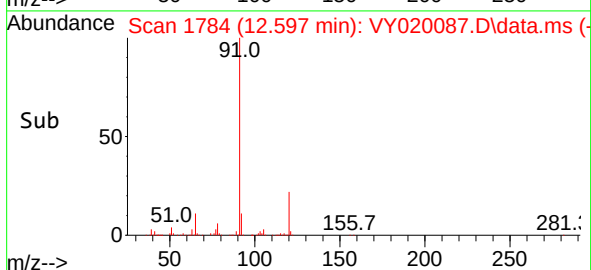
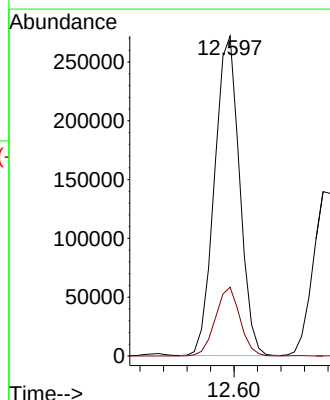
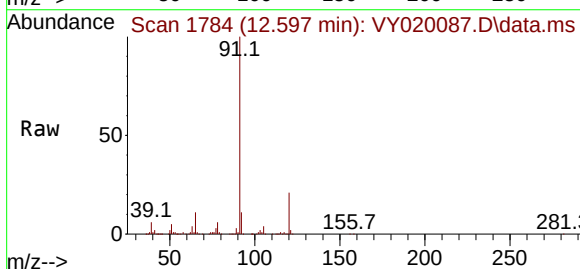
Acq: 31 Oct 2024 12:21

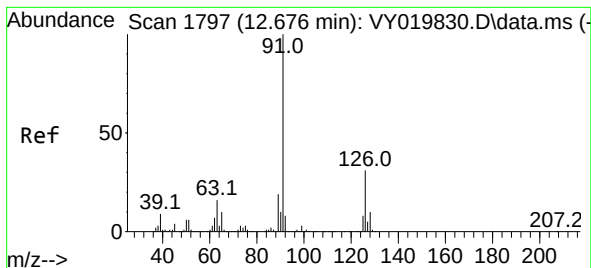
Tgt Ion: 91 Resp: 401852

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.266 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

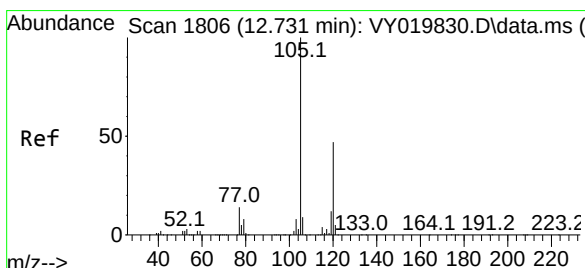
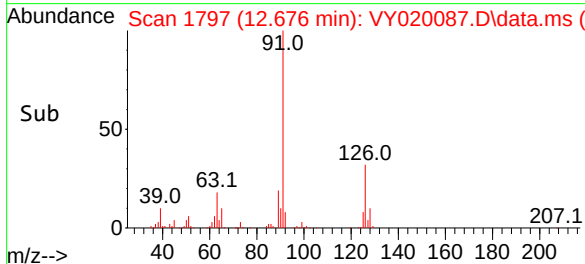
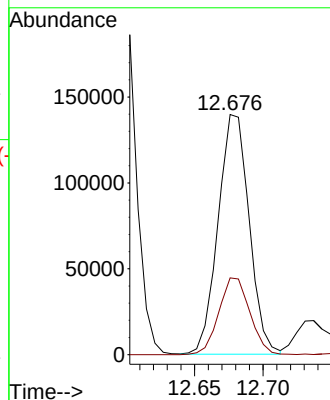
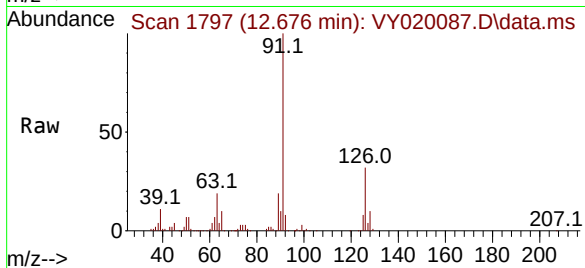
ClientSampleId :

Tgt Ion: 91 Resp: 220472

Ion Ratio Lower Upper

91 100

126 32.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.723 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020087.D

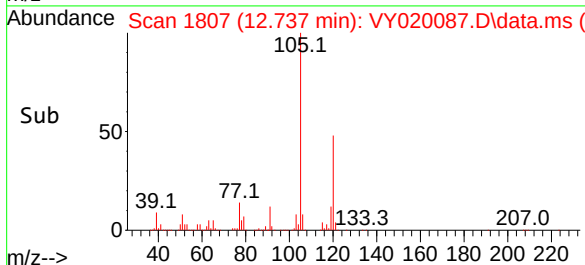
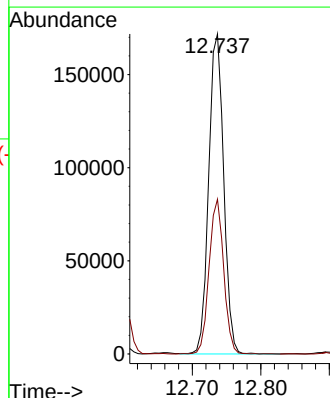
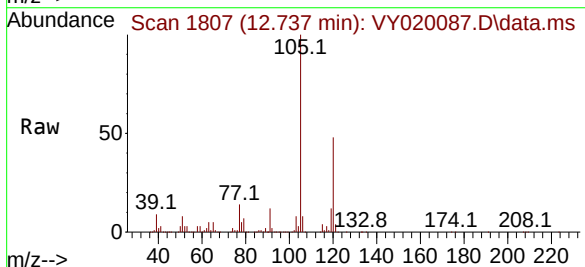
Acq: 31 Oct 2024 12:21

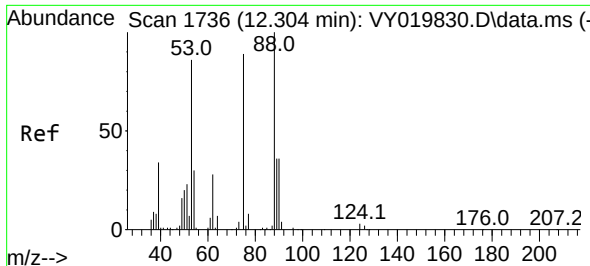
Tgt Ion:105 Resp: 261720

Ion Ratio Lower Upper

105 100

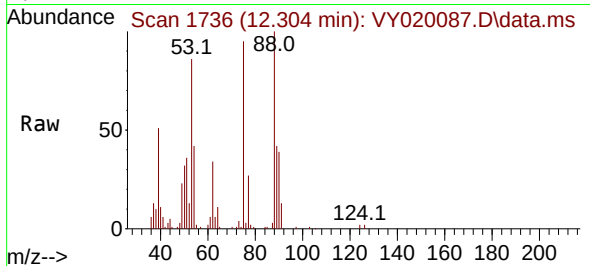
120 47.2 25.1 75.2



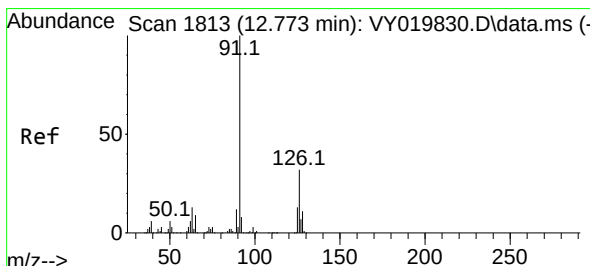
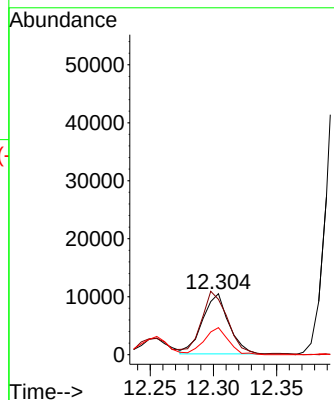
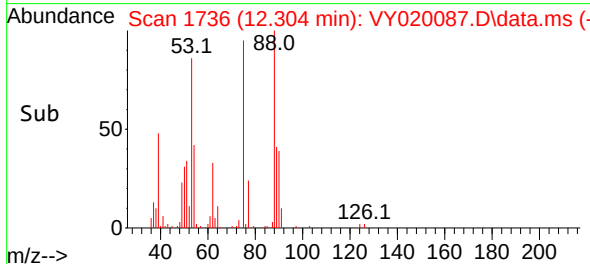


#81
trans-1,4-Dichloro-2-butene
Concen: 18.189 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

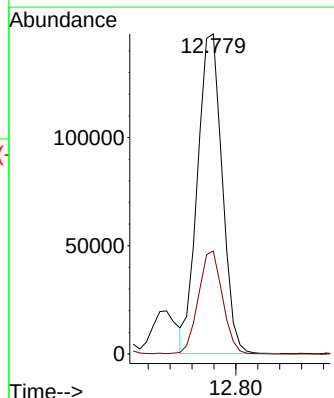
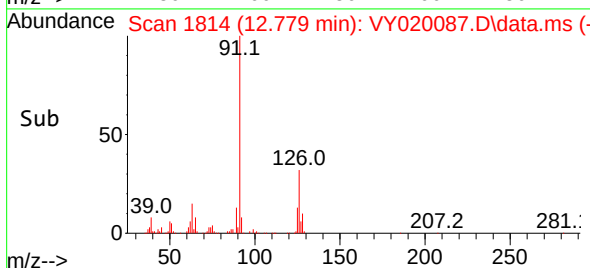
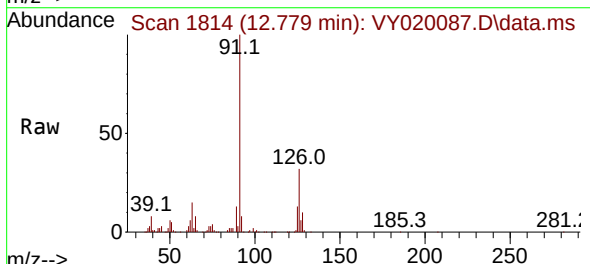


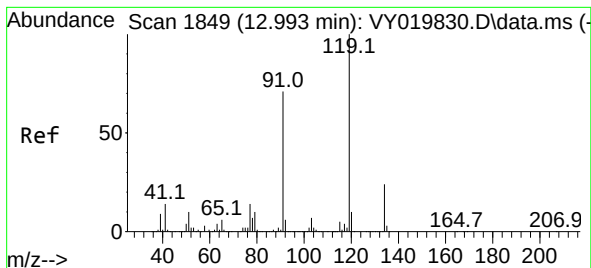
Tgt Ion: 75 Resp: 14891
Ion Ratio Lower Upper
75 100
53 103.0 66.8 100.2#
89 41.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.775 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 91 Resp: 230166
Ion Ratio Lower Upper
91 100
126 31.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.704 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

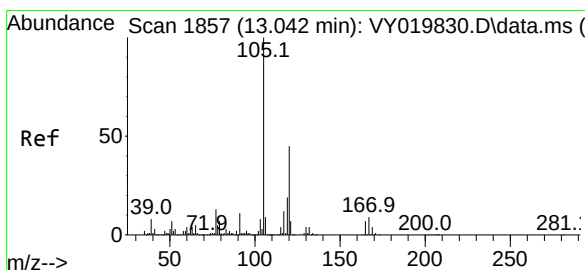
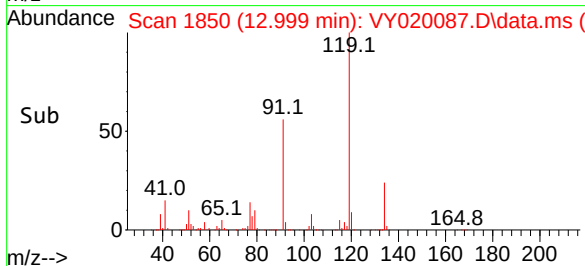
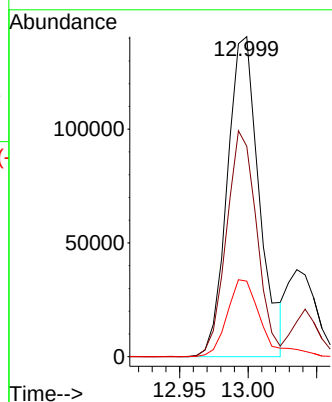
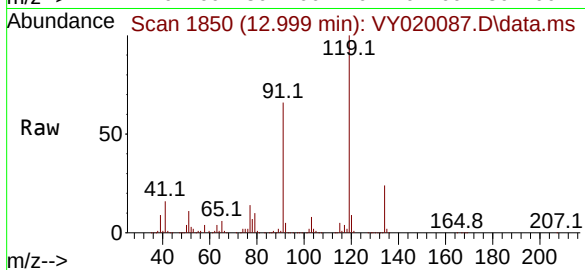
Tgt Ion:119 Resp: 228647

Ion Ratio Lower Upper

119 100

91 67.3 31.3 93.8

134 25.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.251 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020087.D

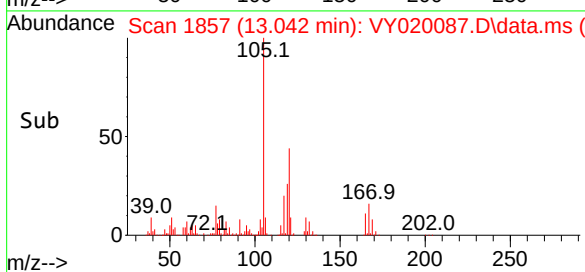
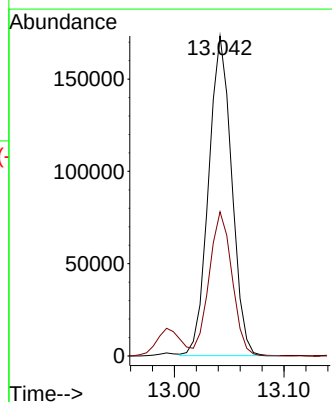
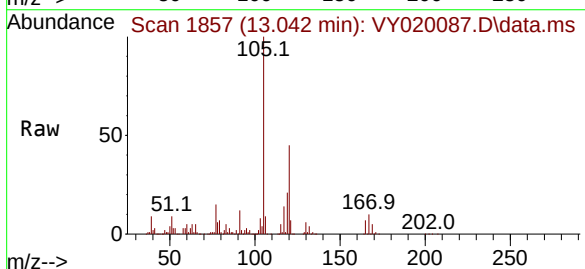
Acq: 31 Oct 2024 12:21

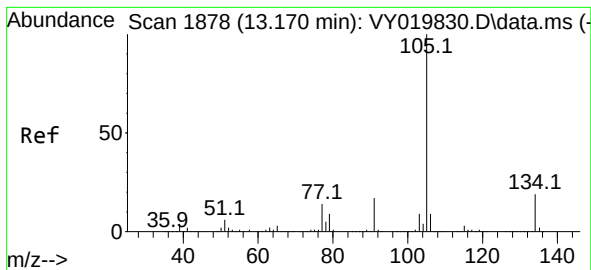
Tgt Ion:105 Resp: 253593

Ion Ratio Lower Upper

105 100

120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.092 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

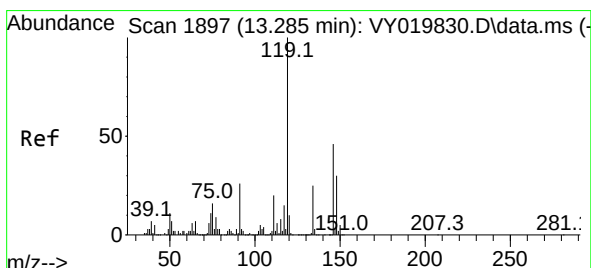
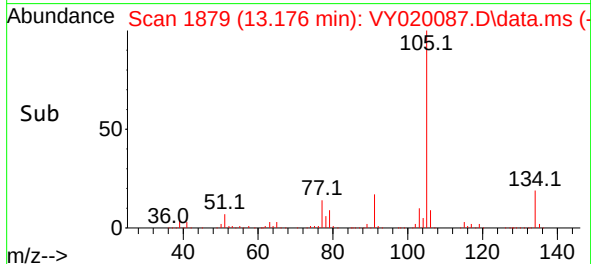
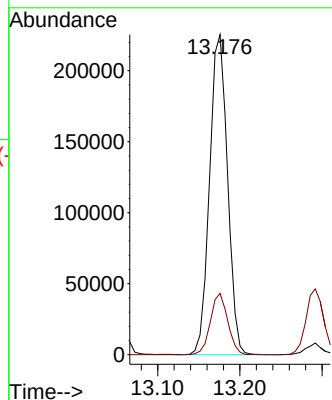
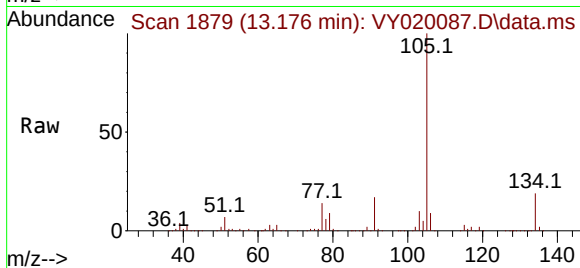
ClientSampleId :

Tgt Ion:105 Resp: 341123

Ion Ratio Lower Upper

105 100

134 18.5 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.116 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

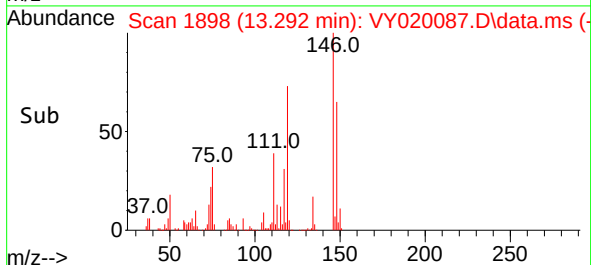
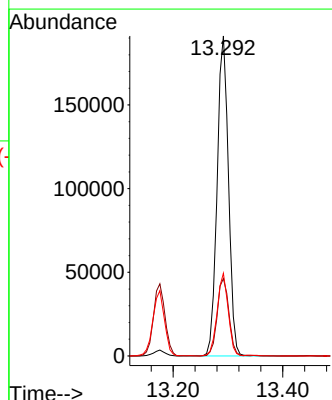
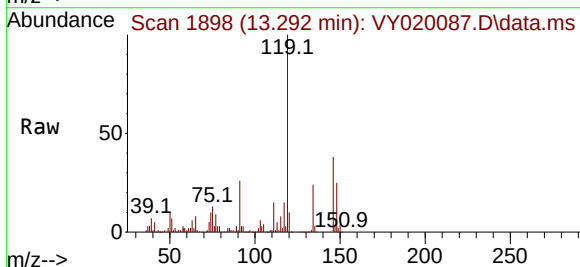
Tgt Ion:119 Resp: 274045

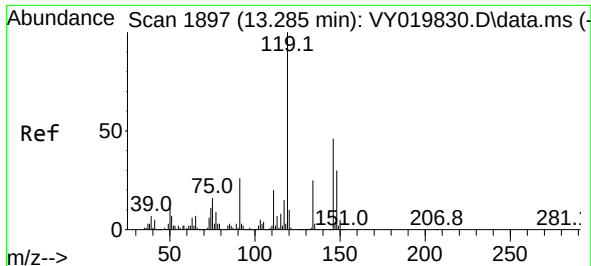
Ion Ratio Lower Upper

119 100

134 25.0 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.846 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

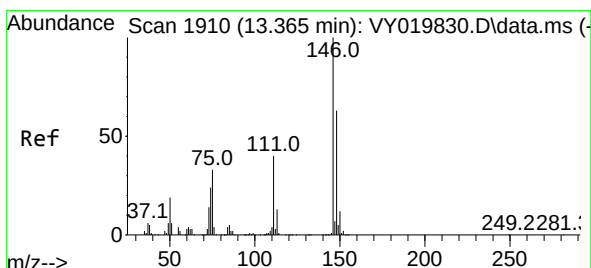
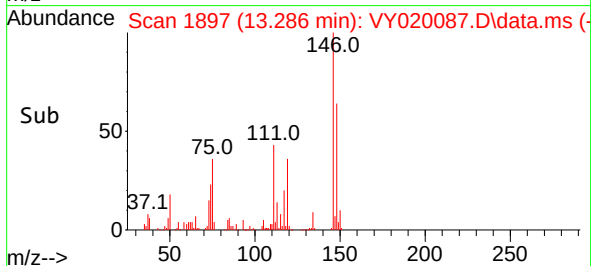
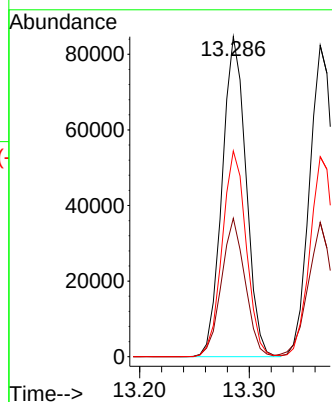
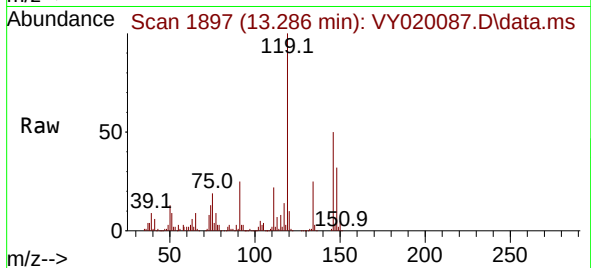
Tgt Ion:146 Resp: 128527

Ion Ratio Lower Upper

146 100

111 42.7 19.0 57.0

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.761 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

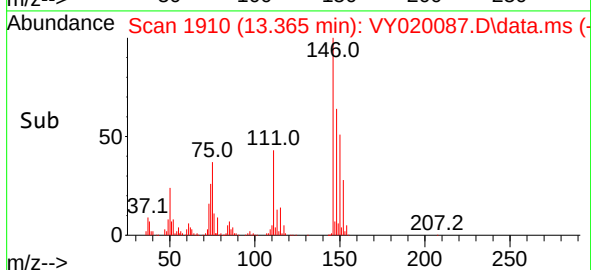
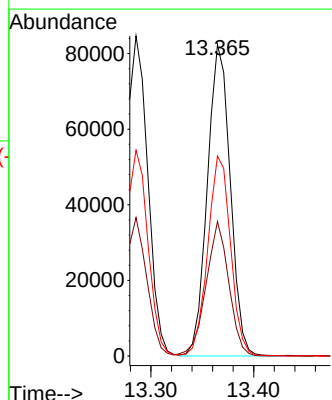
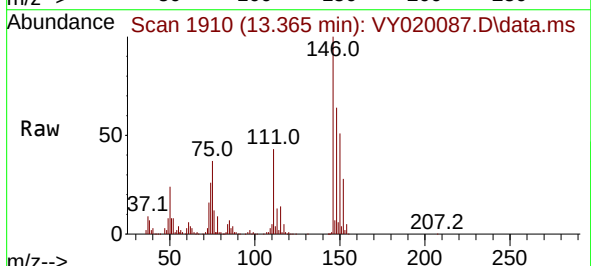
Tgt Ion:146 Resp: 127470

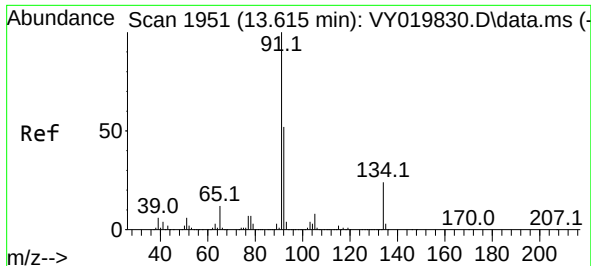
Ion Ratio Lower Upper

146 100

111 42.9 18.4 55.4

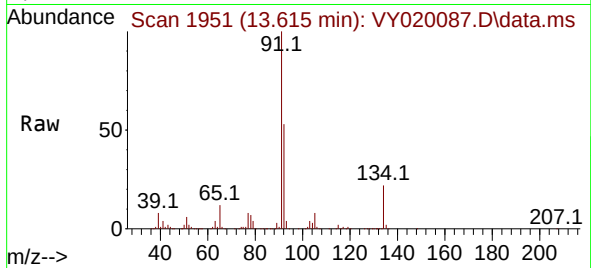
148 64.1 32.4 97.2



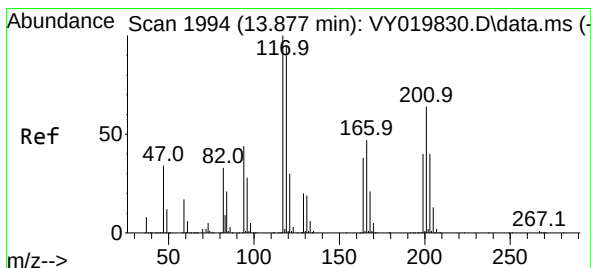
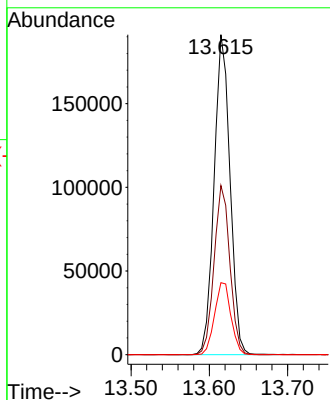
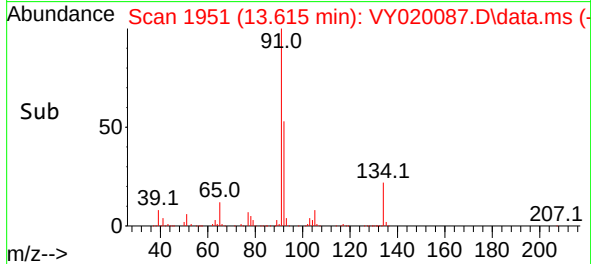


#89
n-Butylbenzene
Concen: 20.758 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

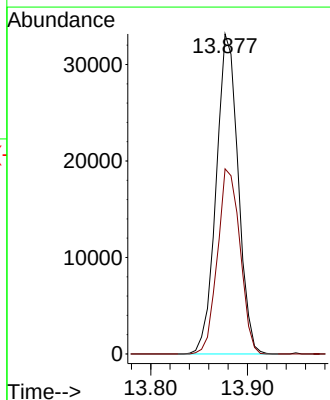
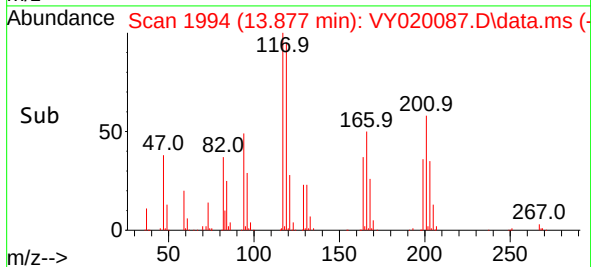
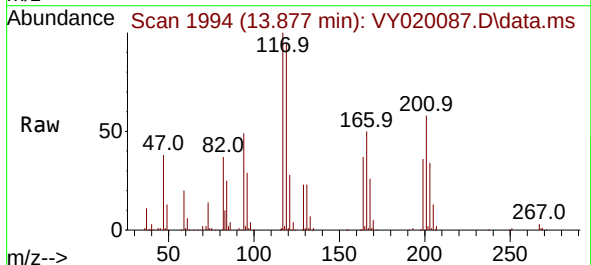


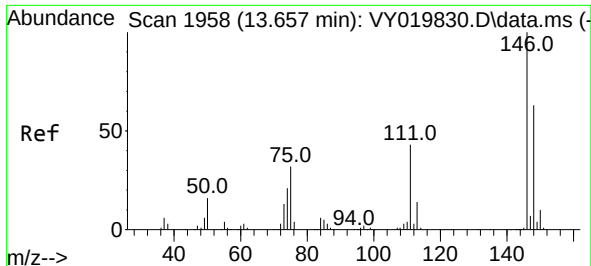
Tgt Ion: 91 Resp: 270065
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.7
134 23.2 12.9 38.7



#90
Hexachloroethane
Concen: 20.350 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 117 Resp: 52231
Ion Ratio Lower Upper
117 100
201 59.3 37.4 112.2

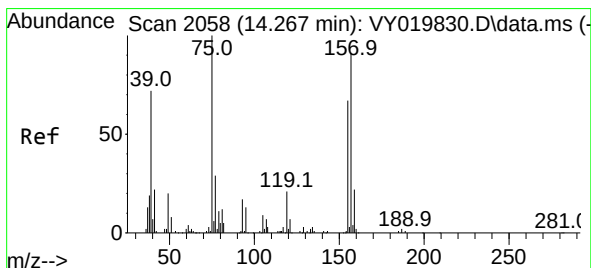
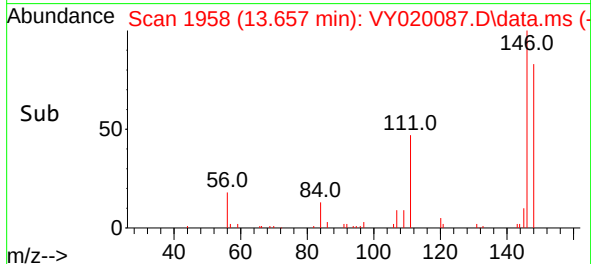
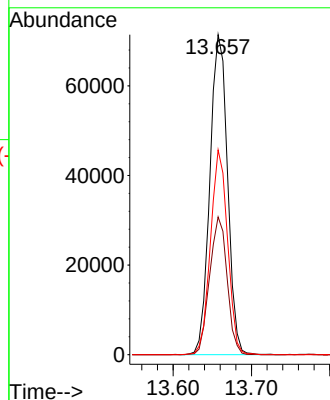
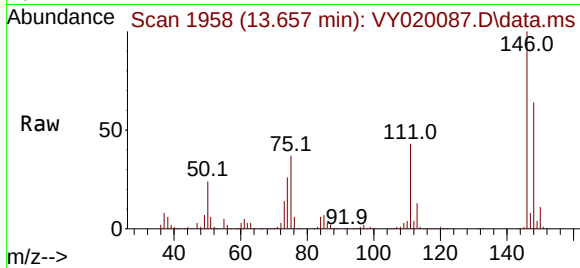




#91
1,2-Dichlorobenzene
Concen: 20.820 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

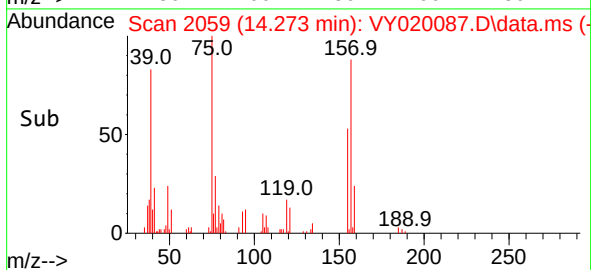
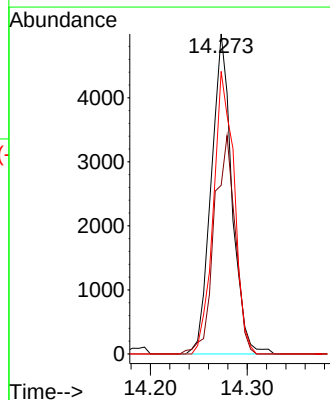
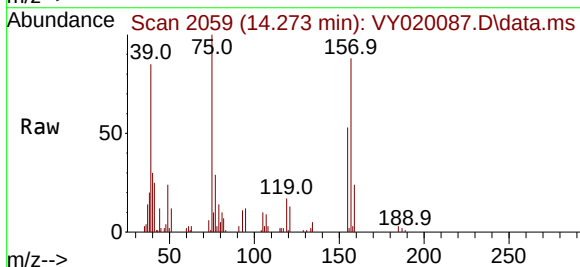
Instrument :
MSVOA_Y
ClientSampleId :

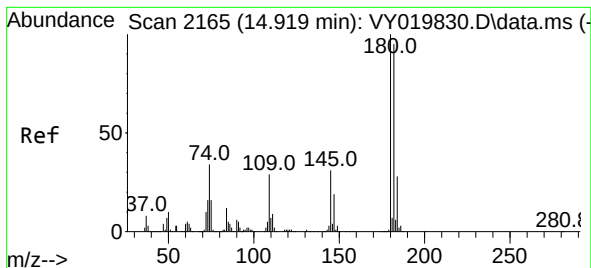
Tgt Ion:146 Resp: 111579
Ion Ratio Lower Upper
146 100
111 42.8 19.9 59.7
148 62.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.715 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY020087.D
Acq: 31 Oct 2024 12:21

Tgt Ion: 75 Resp: 7449
Ion Ratio Lower Upper
75 100
155 69.2 48.6 145.8
157 87.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.287 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

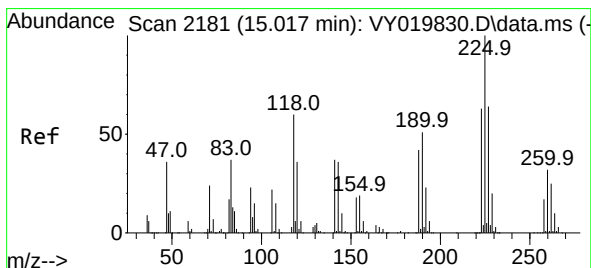
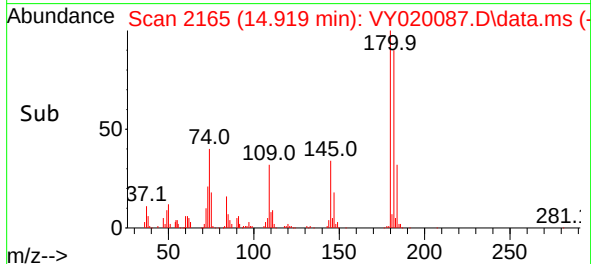
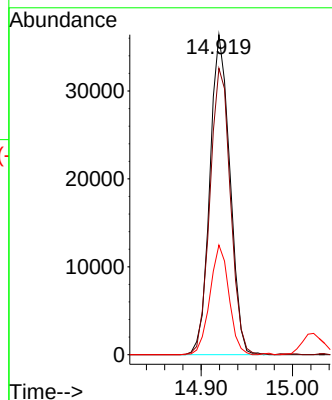
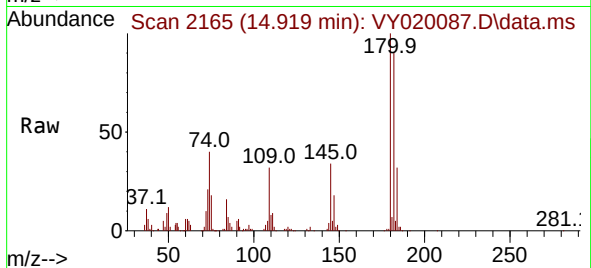
Tgt Ion:180 Resp: 55524

Ion Ratio Lower Upper

180 100

182 91.5 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.143 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

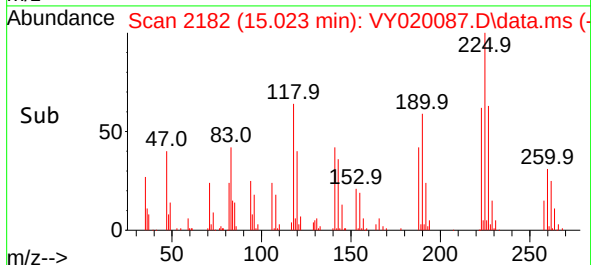
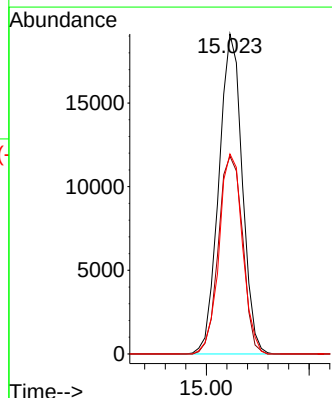
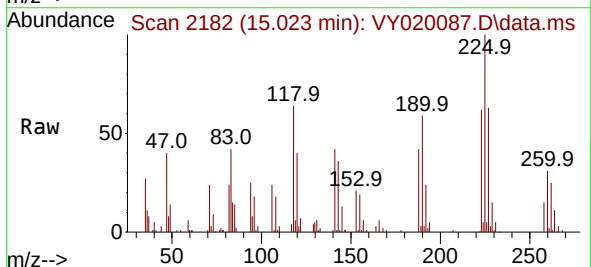
Tgt Ion:225 Resp: 30136

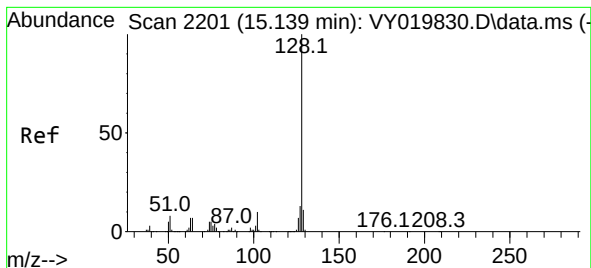
Ion Ratio Lower Upper

225 100

223 63.8 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 17.633 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020087.D

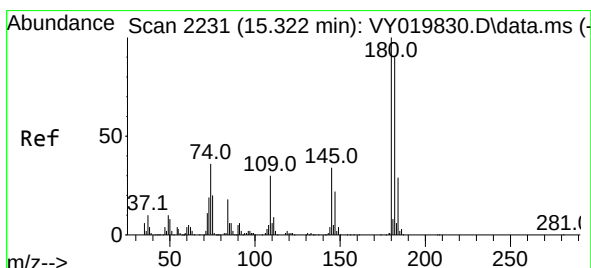
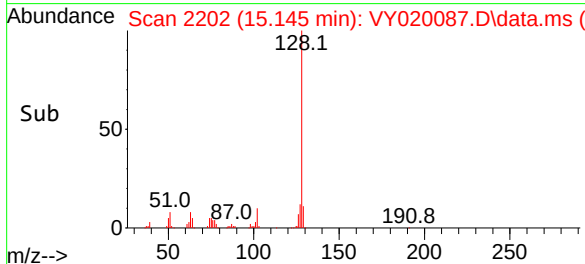
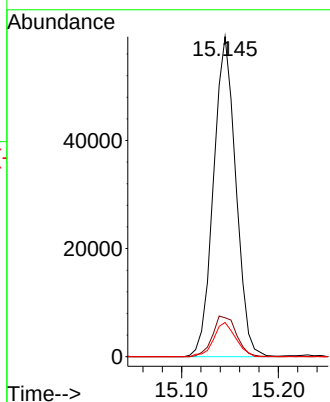
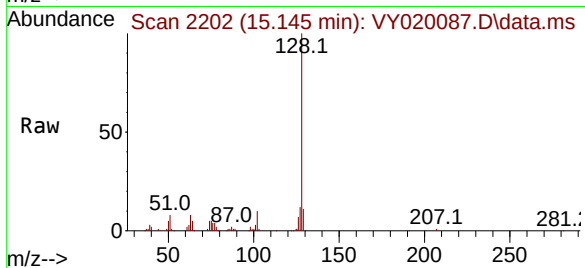
Acq: 31 Oct 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	94892
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.6	16.0
129	10.6	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.190 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020087.D

Acq: 31 Oct 2024 12:21

Tgt Ion:	180	Resp:	44453
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.6	142.9
145	32.6	15.4	46.1

