

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
 Data File : VY019988.D
 Acq On : 23 Oct 2024 12:43
 Operator : SY/MD
 Sample : VY1023SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 23 23:06:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	234262	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	429341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	361190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	176333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148175	51.370	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.740%	
35) Dibromofluoromethane	7.634	113	141842	50.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.120%	
50) Toluene-d8	10.109	98	495215	47.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.660%	
62) 4-Bromofluorobenzene	12.402	95	179294	47.427	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	41266	18.922	ug/l	97
3) Chloromethane	2.068	50	57712	20.333	ug/l	97
4) Vinyl Chloride	2.202	62	62696	20.073	ug/l	96
5) Bromomethane	2.592	94	44164	22.339	ug/l	98
6) Chloroethane	2.733	64	46229	22.032	ug/l	98
7) Trichlorofluoromethane	3.062	101	100648	21.656	ug/l	94
8) Diethyl Ether	3.458	74	30645	21.695	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.812	101	57939	21.432	ug/l	91
10) Methyl Iodide	4.007	142	49260	18.017	ug/l #	89
11) Tert butyl alcohol	4.879	59	28086	110.383	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	48438	19.274	ug/l #	82
13) Acrolein	3.659	56	16834	79.425	ug/l	96
14) Allyl chloride	4.391	41	93885	20.705	ug/l #	89
15) Acrylonitrile	5.068	53	80380	124.414	ug/l	97
16) Acetone	3.873	43	83248	110.869	ug/l #	84
17) Carbon Disulfide	4.104	76	95775	14.218	ug/l	99
18) Methyl Acetate	4.391	43	36283	22.431	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	167580	23.210	ug/l	99
20) Methylene Chloride	4.616	84	62861	22.209	ug/l	89
21) trans-1,2-Dichloroethene	5.122	96	55002	20.109	ug/l	91
22) Diisopropyl ether	6.019	45	240184	24.317	ug/l #	89
23) Vinyl Acetate	5.964	43	648774	114.578	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	126308	23.005	ug/l	95
25) 2-Butanone	6.903	43	117645	117.052	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	105141	21.503	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	73785	21.828	ug/l	83
28) Bromochloromethane	7.244	49	56256	23.279	ug/l #	71
29) Tetrahydrofuran	7.268	42	67209	117.116	ug/l #	81
30) Chloroform	7.421	83	134843	24.093	ug/l	100
31) Cyclohexane	7.701	56	90240	18.724	ug/l	87
32) 1,1,1-Trichloroethane	7.622	97	111564	22.746	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	80943	19.831	ug/l	95
37) Ethyl Acetate	6.988	43	46584	21.887	ug/l	99
38) Carbon Tetrachloride	7.817	117	91123	20.825	ug/l	96
39) Methylcyclohexane	9.109	83	95201	18.511	ug/l #	84
40) Benzene	8.079	78	257999	20.886	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	31561	27.399	ug/l #	77
42) 1,2-Dichloroethane	8.158	62	79460	22.390	ug/l	95
43) Isopropyl Acetate	8.201	43	96728	22.285	ug/l #	76
44) Trichloroethene	8.866	130	60148	20.104	ug/l	86
45) 1,2-Dichloropropane	9.140	63	68825	22.260	ug/l	99
46) Dibromomethane	9.231	93	36519	21.618	ug/l	89
47) Bromodichloromethane	9.420	83	102293	22.814	ug/l	98
48) Methyl methacrylate	9.219	41	43129	22.589	ug/l #	81
49) 1,4-Dioxane	9.231	88	6916	365.796	ug/l #	75
51) 4-Methyl-2-Pentanone	10.000	43	257733	116.412	ug/l	88
52) Toluene	10.170	92	164044	21.275	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	84396	20.919	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	99550	20.912	ug/l #	80
55) 1,1,2-Trichloroethane	10.573	97	49676	22.320	ug/l	91
56) Ethyl methacrylate	10.438	69	69353	21.717	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	88276	22.586	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	161173	108.411	ug/l	91
59) 2-Hexanone	10.762	43	180437	114.108	ug/l	86
60) Dibromochloromethane	10.908	129	61571	21.554	ug/l	98
61) 1,2-Dibromoethane	11.012	107	43568	21.663	ug/l	97
64) Tetrachloroethene	10.646	164	49614	19.312	ug/l	91
65) Chlorobenzene	11.438	112	179045	21.673	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	62832	22.480	ug/l	99
67) Ethyl Benzene	11.518	91	323645	21.566	ug/l	98
68) m/p-Xylenes	11.627	106	234915	42.385	ug/l	92
69) o-Xylene	11.950	106	113837	21.377	ug/l	90
70) Styrene	11.969	104	194454	21.644	ug/l	94
71) Bromoform	12.127	173	32470	21.700	ug/l #	99
73) Isopropylbenzene	12.255	105	312193	21.049	ug/l	97
74) N-amyl acetate	12.072	43	85311	21.717	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	61971	23.514	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	77992	22.578	ug/l #	100
77) Bromobenzene	12.530	156	64681	20.551	ug/l	82
78) n-propylbenzene	12.597	91	390262	21.776	ug/l	96
79) 2-Chlorotoluene	12.676	91	224471	21.847	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	253541	21.167	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	17651	20.625	ug/l #	82
82) 4-Chlorotoluene	12.773	91	227461	21.651	ug/l	93
83) tert-Butylbenzene	12.993	119	239409	22.311	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	254258	21.410	ug/l	96
85) sec-Butylbenzene	13.176	105	350198	21.843	ug/l	98
86) p-Isopropyltoluene	13.292	119	279184	21.445	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	134704	21.193	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	133026	21.304	ug/l	96
89) n-Butylbenzene	13.615	91	282343	22.211	ug/l	97
90) Hexachloroethane	13.877	117	54792	21.614	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	118715	21.257	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9458	22.487	ug/l	66
93) 1,2,4-Trichlorobenzene	14.919	180	64001	20.437	ug/l	97
94) Hexachlorobutadiene	15.023	225	36436	20.928	ug/l	98
95) Naphthalene	15.145	128	123781	20.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	54734	20.676	ug/l	97

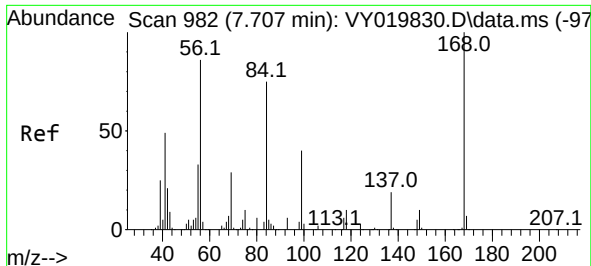
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102324\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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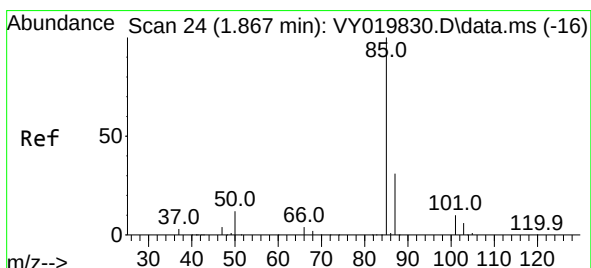
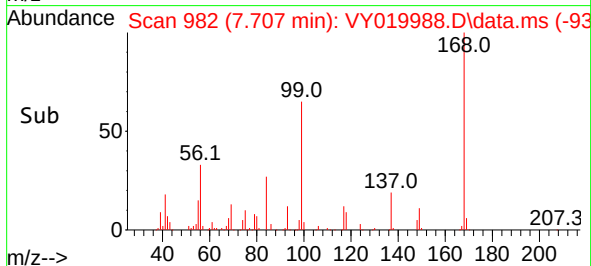
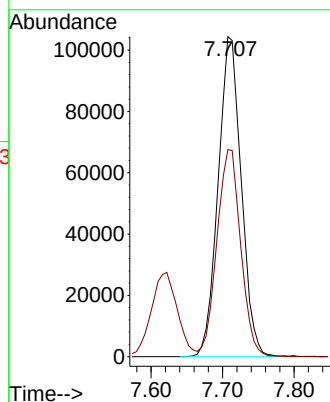
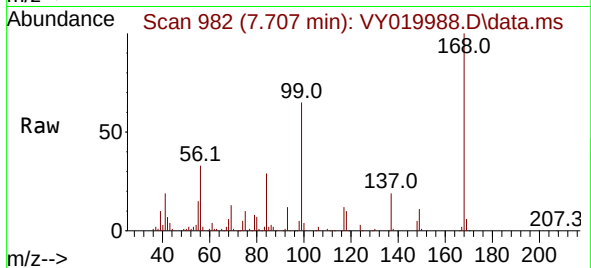
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019988.D
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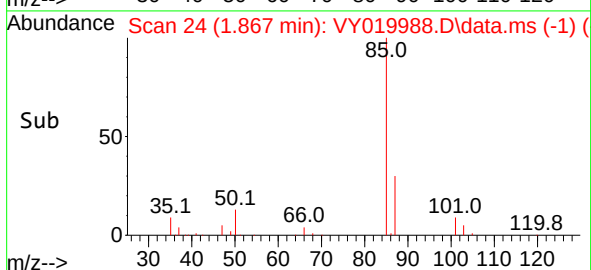
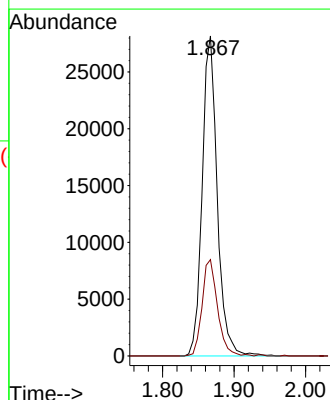
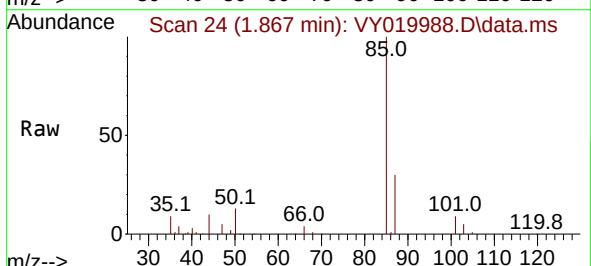
Instrument :
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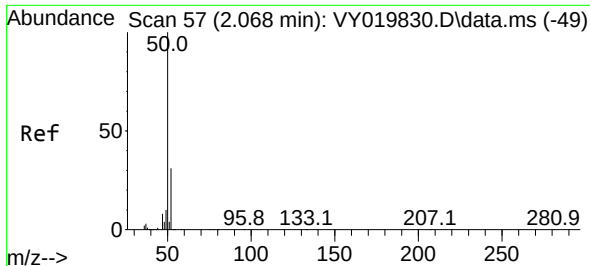
Tgt Ion:168 Resp: 234262
Ion Ratio Lower Upper
168 100
99 64.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 18.922 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 85 Resp: 41266
Ion Ratio Lower Upper
85 100
87 30.1 16.0 48.0

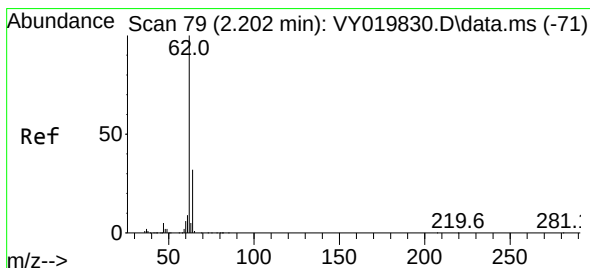
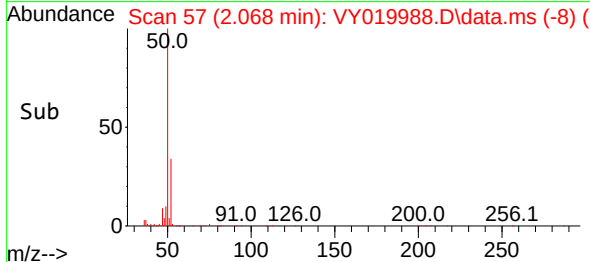
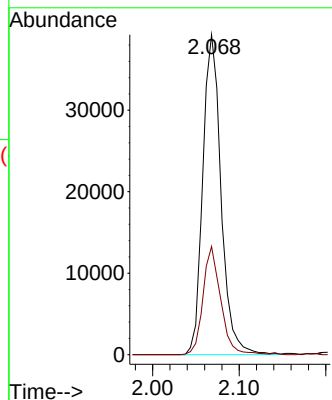
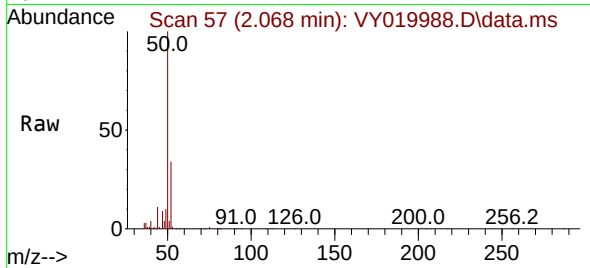




#3
Chloromethane
Concen: 20.333 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

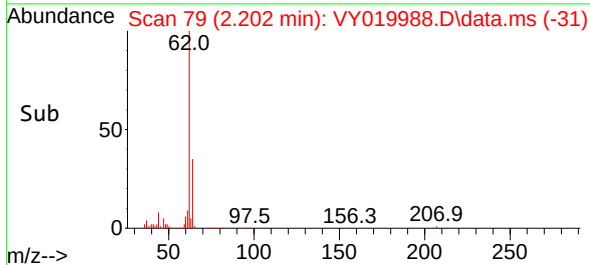
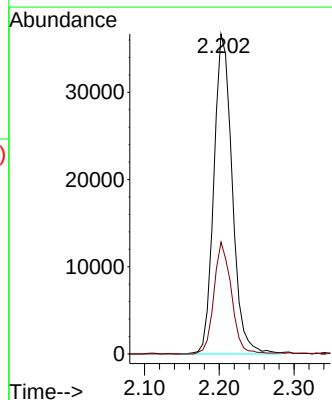
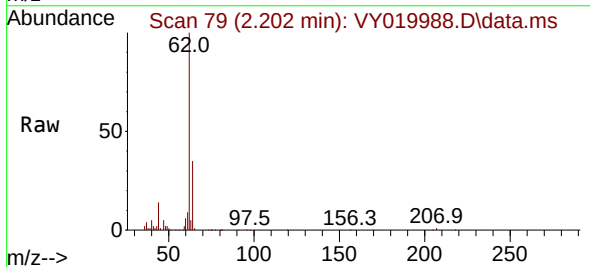
Instrument :
MSVOA_Y
ClientSampleId :

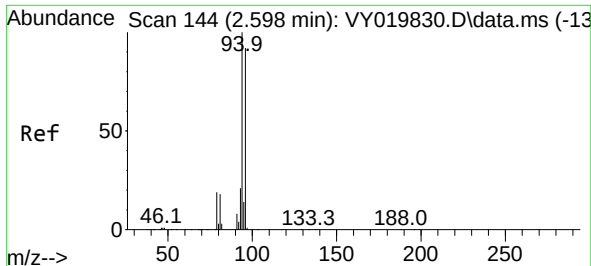
Tgt Ion: 50 Resp: 57712
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 20.073 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 62 Resp: 62696
Ion Ratio Lower Upper
62 100
64 35.0 26.1 39.1

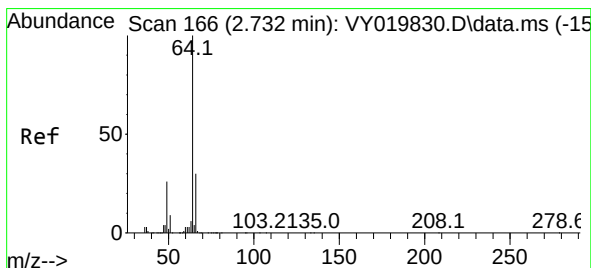
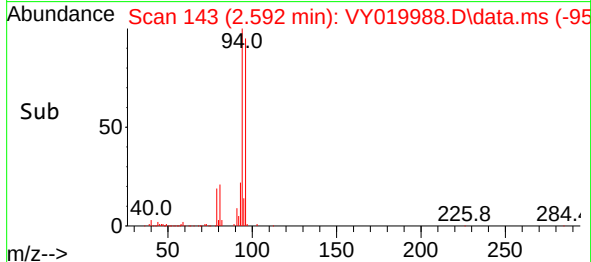
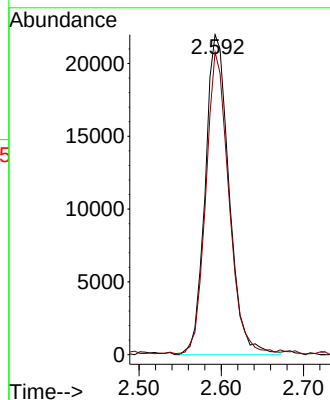
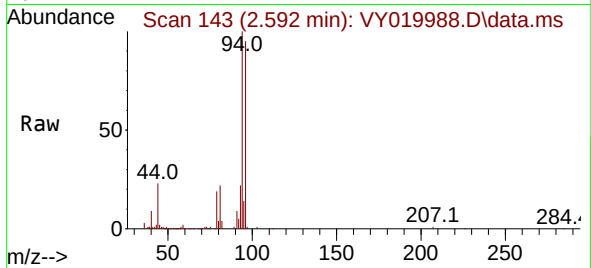




#5
Bromomethane
Concen: 22.339 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

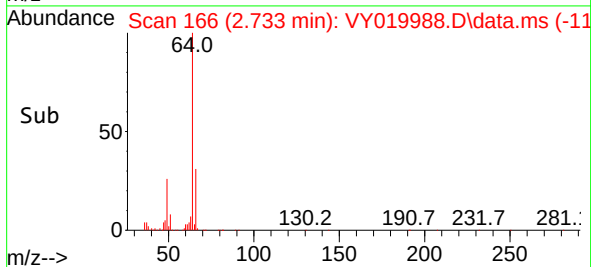
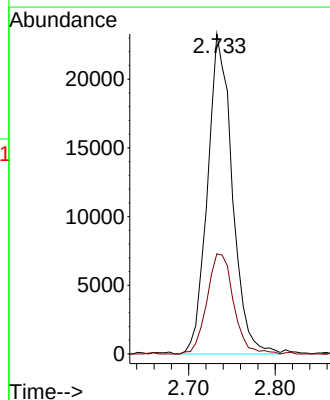
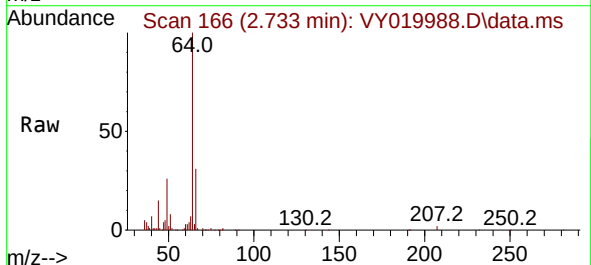
Instrument :
MSVOA_Y
ClientSampleId :

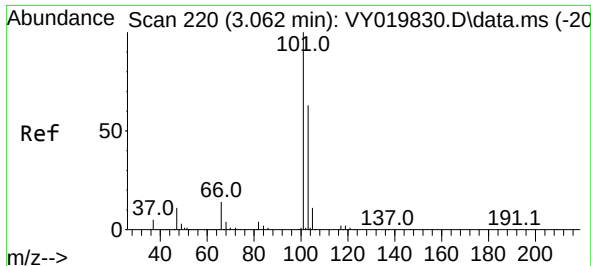
Tgt Ion: 94 Resp: 44164
Ion Ratio Lower Upper
94 100
96 94.2 74.1 111.1



#6
Chloroethane
Concen: 22.032 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 64 Resp: 46229
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1

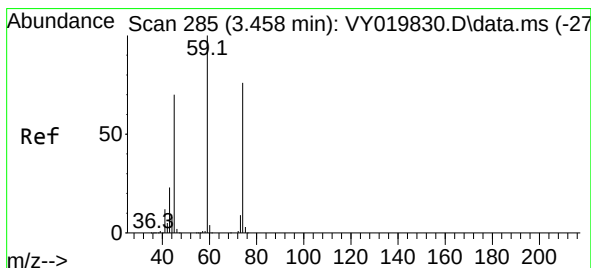
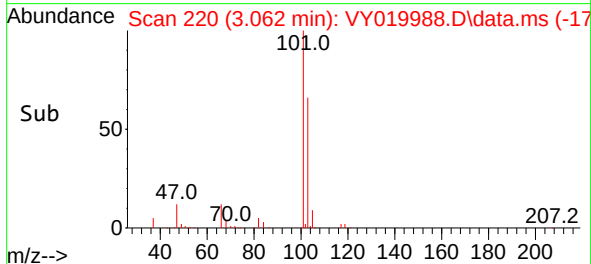
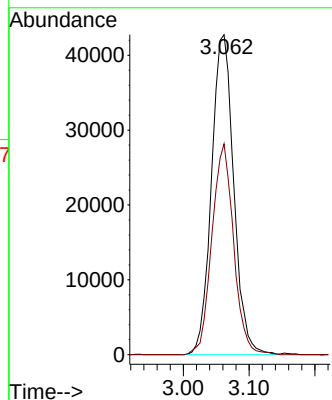
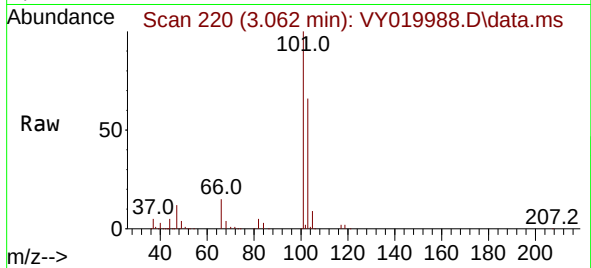




#7
 Trichlorofluoromethane
 Concen: 21.656 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

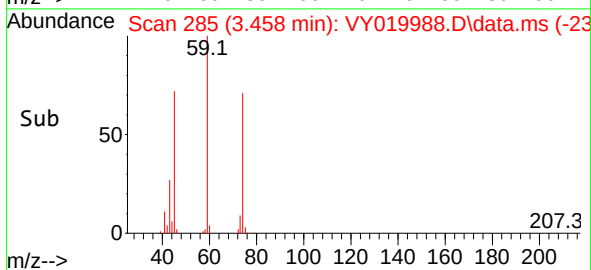
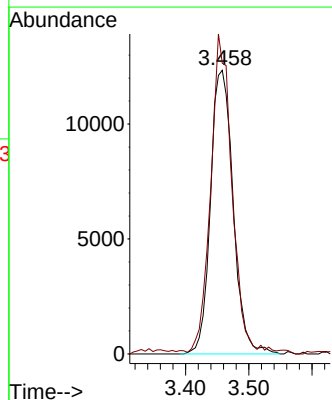
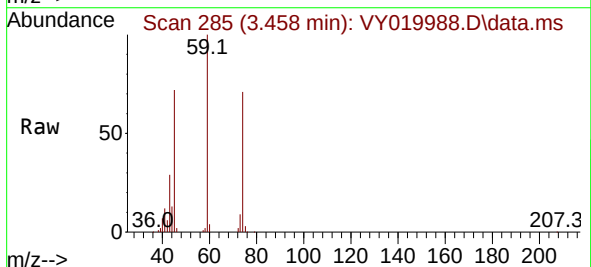
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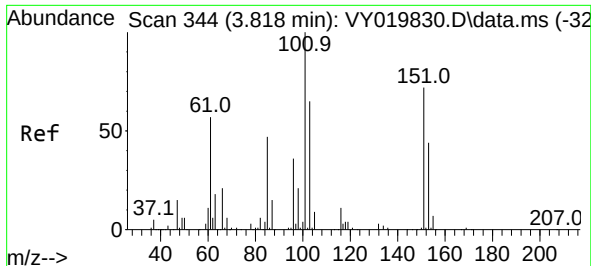
Tgt Ion:101 Resp: 100648
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.695 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Tgt Ion: 74 Resp: 30645
 Ion Ratio Lower Upper
 74 100
 45 103.8 41.3 124.1

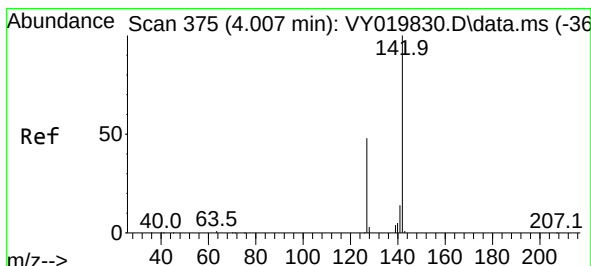
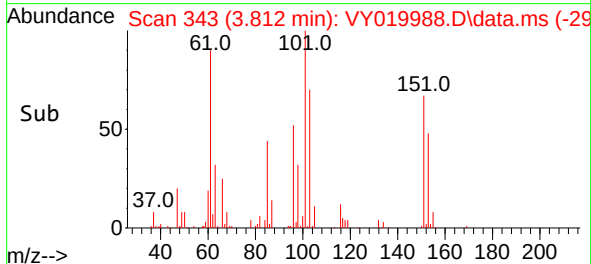
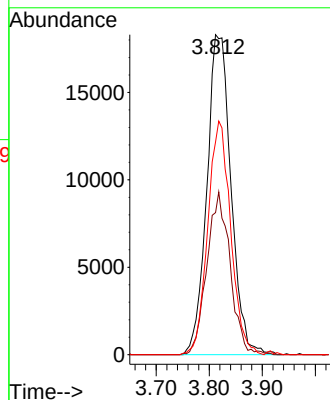
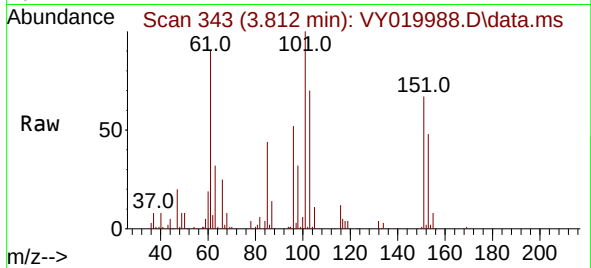




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.432 ug/l
RT: 3.812 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

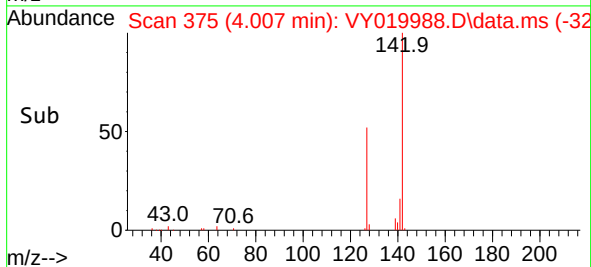
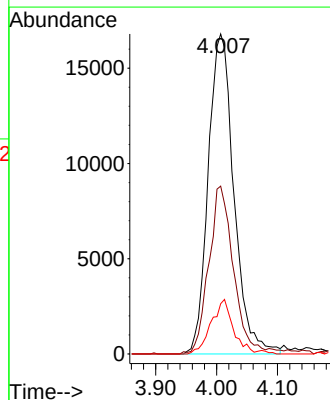
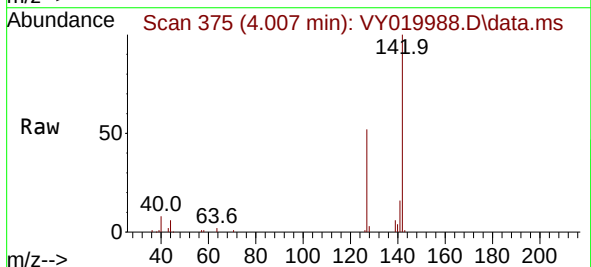
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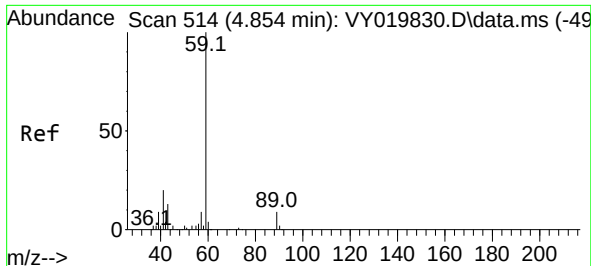
Tgt Ion:101 Resp: 57939
Ion Ratio Lower Upper
101 100
85 48.9 34.5 51.7
151 69.2 61.7 92.5



#10
Methyl Iodide
Concen: 18.017 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion:142 Resp: 49260
Ion Ratio Lower Upper
142 100
127 49.9 32.8 49.2#
141 14.7 11.4 17.2

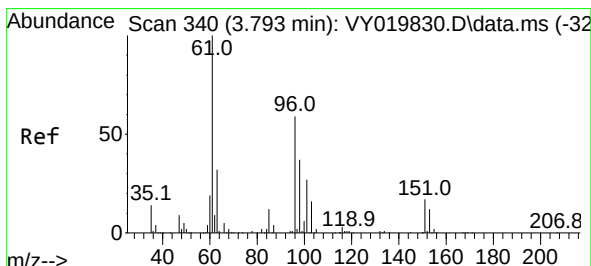
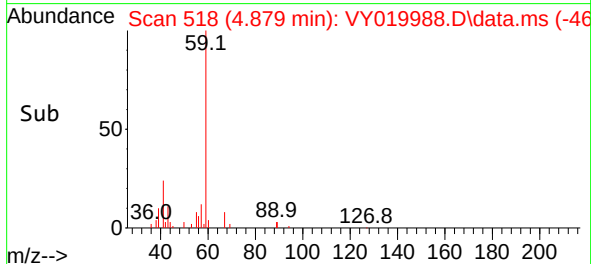
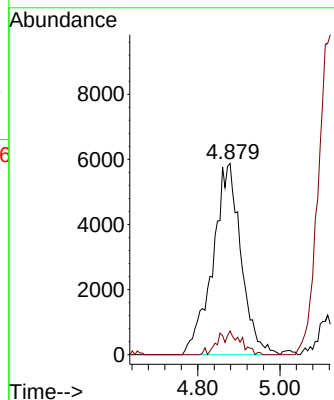
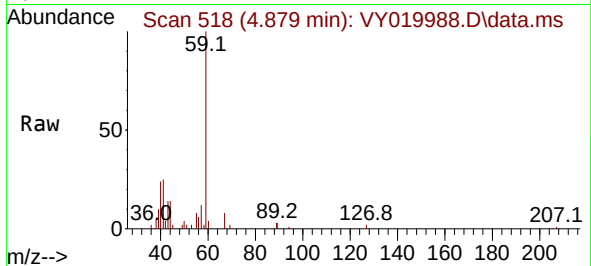




#11
Tert butyl alcohol
Concen: 110.383 ug/l
RT: 4.879 min Scan# 514
Delta R.T. 0.019 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

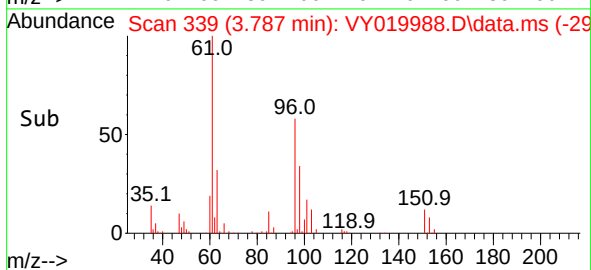
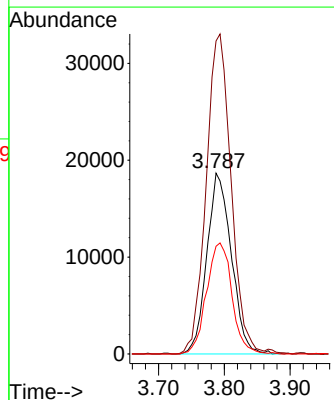
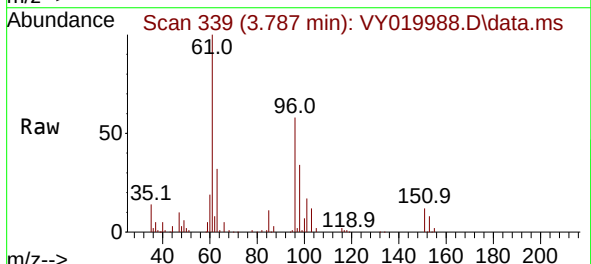
Instrument :
MSVOA_Y
ClientSampleId :

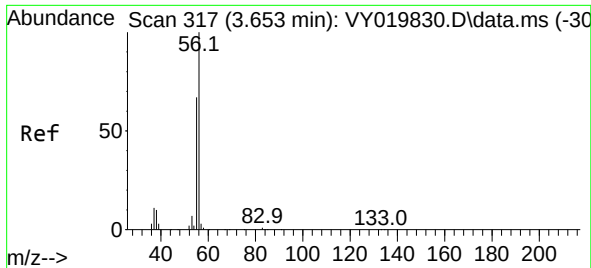
Tgt Ion: 59 Resp: 28086
Ion Ratio Lower Upper
59 100
57 6.1 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.274 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 96 Resp: 48438
Ion Ratio Lower Upper
96 100
61 172.8 114.6 171.8#
98 59.6 50.8 76.2





#13

Acrolein

Concen: 79.425 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

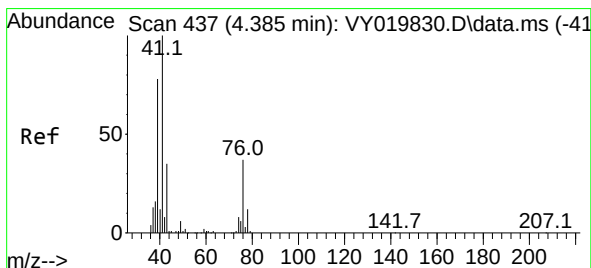
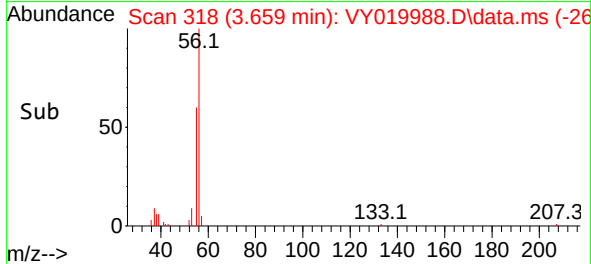
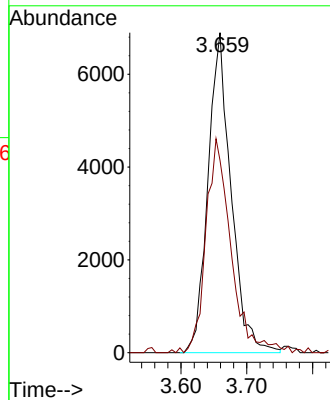
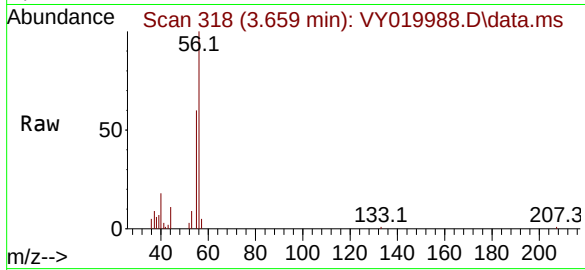
ClientSampleId :

Tgt Ion: 56 Resp: 16834

Ion Ratio Lower Upper

56 100

55 73.3 55.7 83.5



#14

Allyl chloride

Concen: 20.705 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

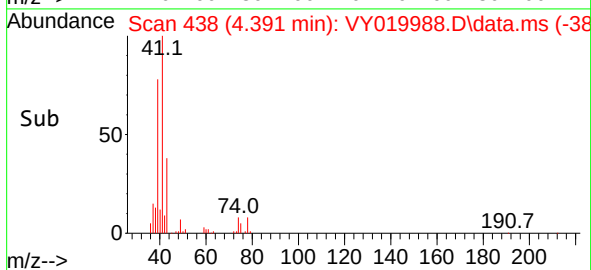
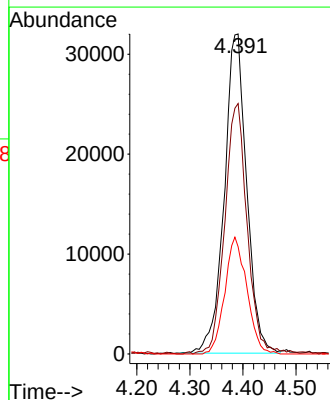
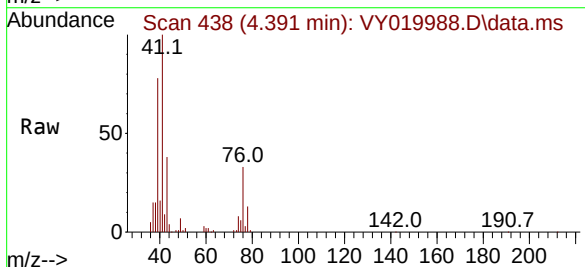
Tgt Ion: 41 Resp: 93885

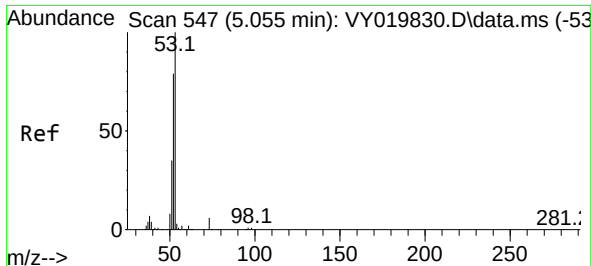
Ion Ratio Lower Upper

41 100

39 78.3 58.3 87.5

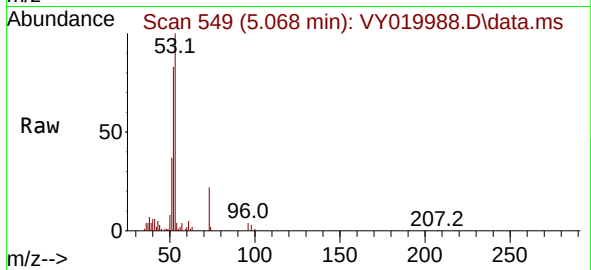
76 36.0 39.0 58.6#



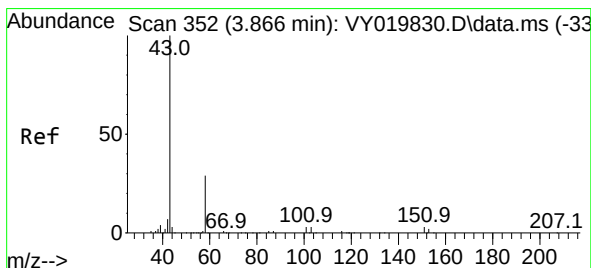
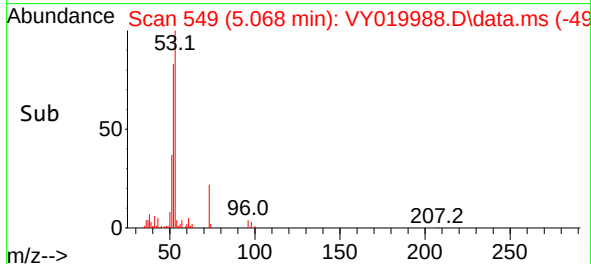
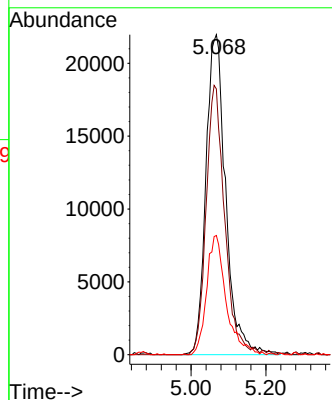


#15
Acrylonitrile
Concen: 124.414 ug/l
RT: 5.068 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

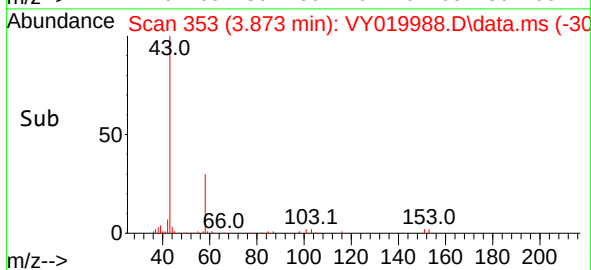
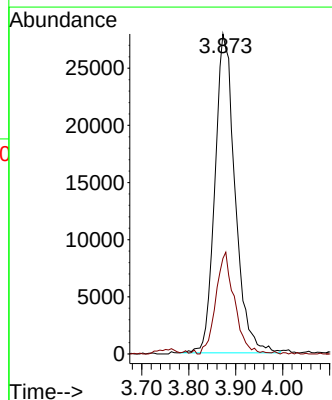
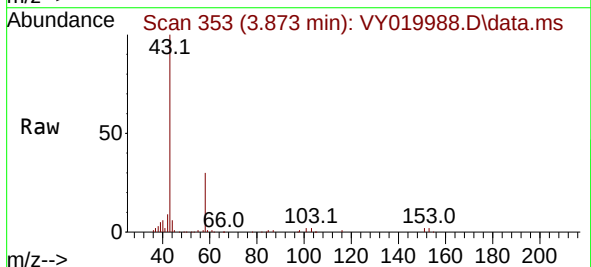


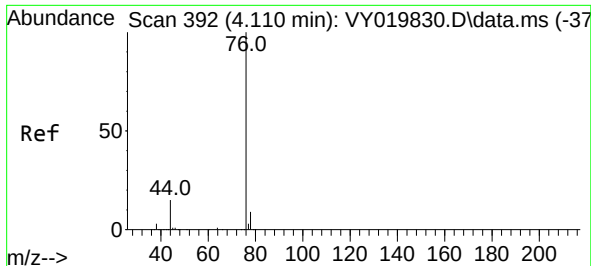
Tgt Ion: 53 Resp: 80380
Ion Ratio Lower Upper
53 100
52 78.4 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 110.869 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 43 Resp: 83248
Ion Ratio Lower Upper
43 100
58 30.0 31.7 47.5#

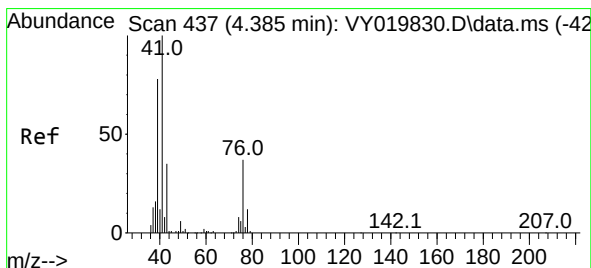
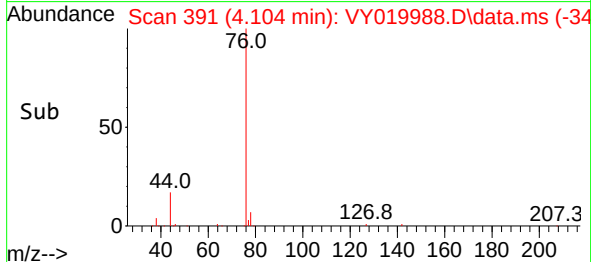
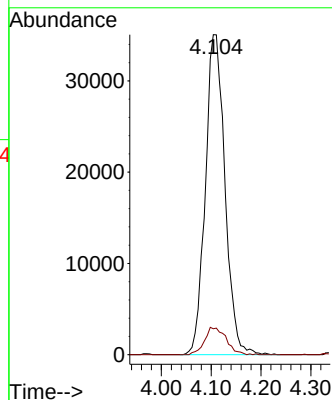
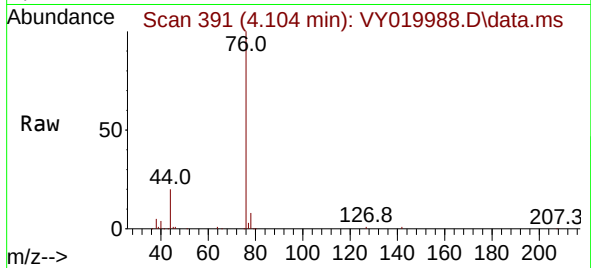




#17
Carbon Disulfide
Concen: 14.218 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

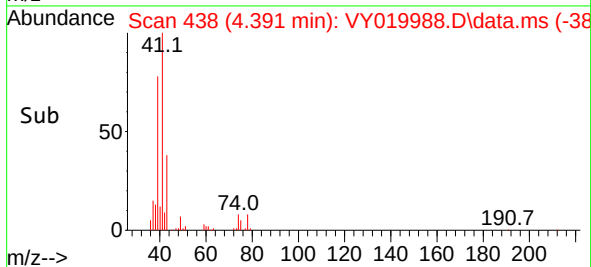
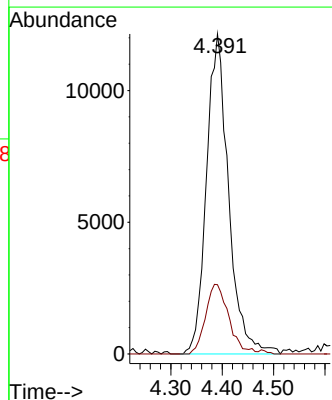
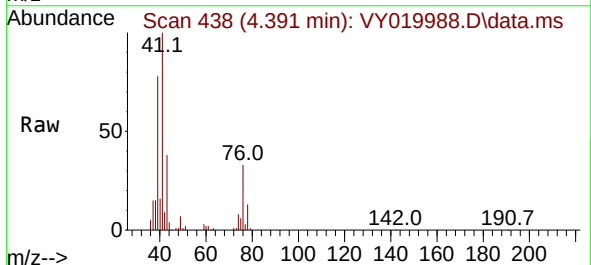
Instrument :
MSVOA_Y
ClientSampleId :

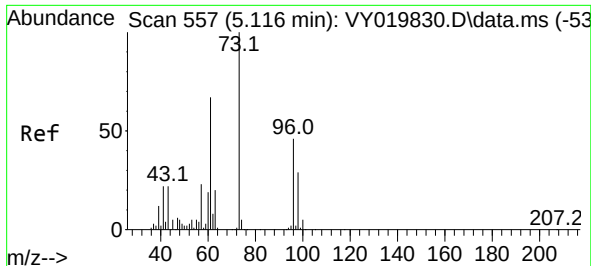
Tgt Ion: 76 Resp: 95775
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 22.431 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 43 Resp: 36283
Ion Ratio Lower Upper
43 100
74 22.9 23.3 34.9#

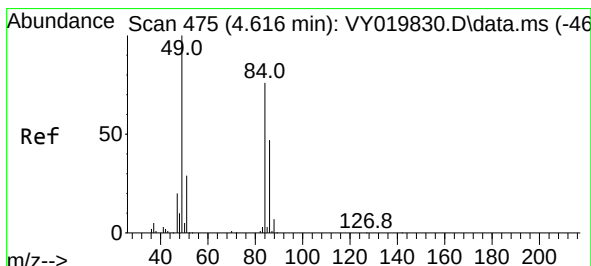
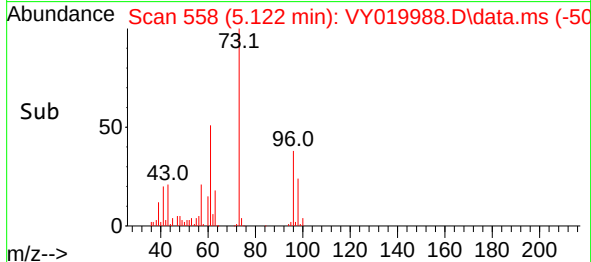
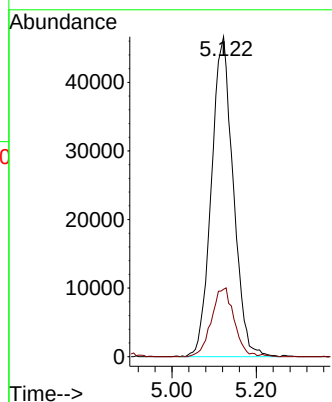
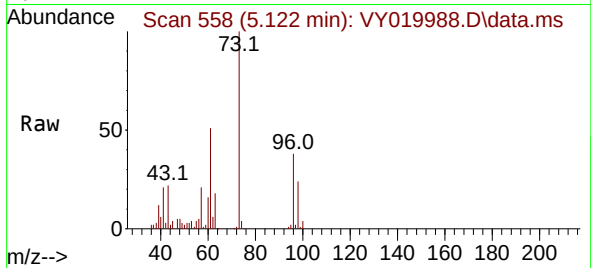




#19
Methyl tert-butyl Ether
Concen: 23.210 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

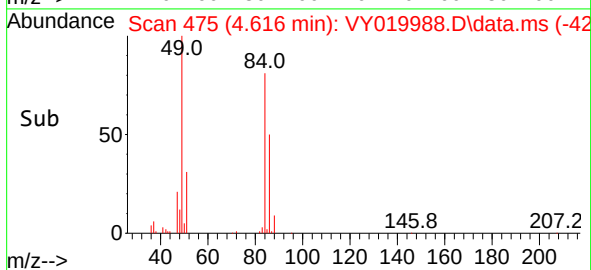
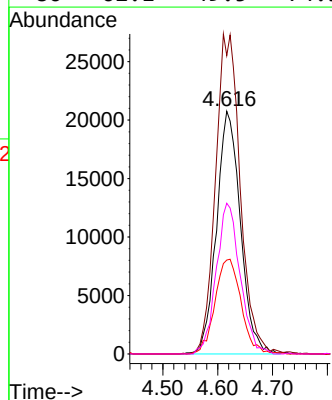
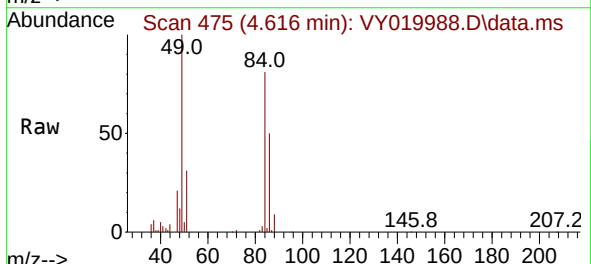
Instrument :
MSVOA_Y
ClientSampleId :

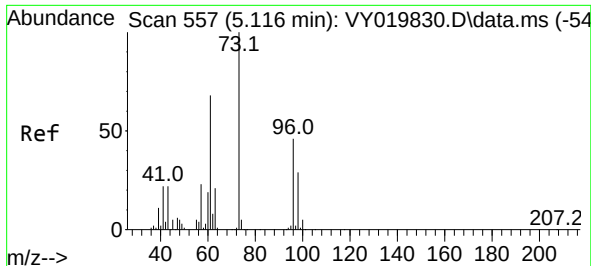
Tgt Ion: 73 Resp: 167580
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 22.209 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

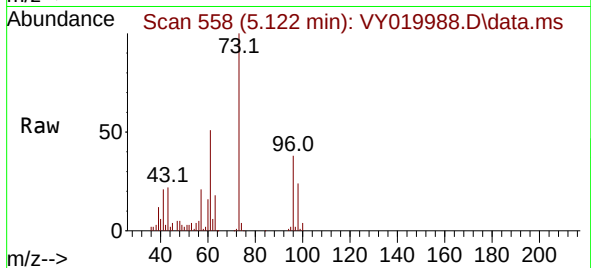
Tgt Ion: 84 Resp: 62861
Ion Ratio Lower Upper
84 100
49 122.9 84.4 126.6
51 38.7 26.0 39.0
86 62.1 49.5 74.3



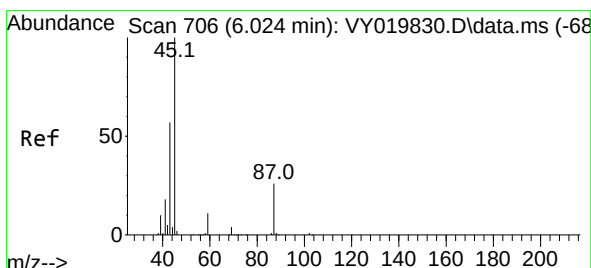
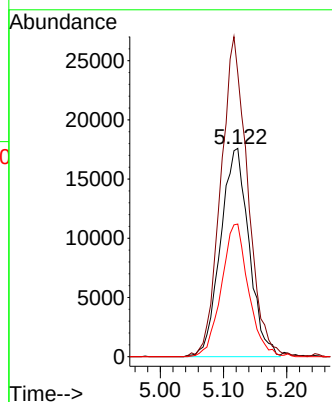
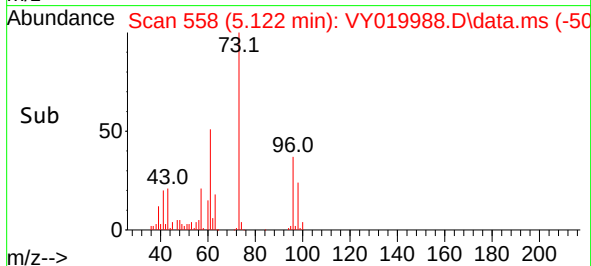


#21
trans-1,2-Dichloroethene
Concen: 20.109 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

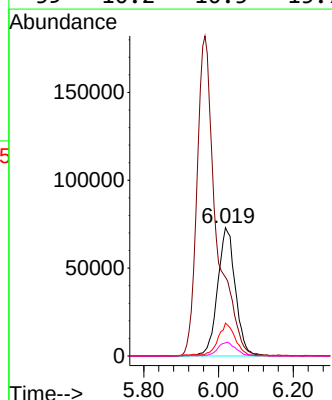
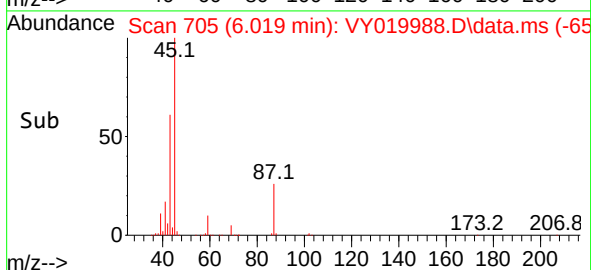
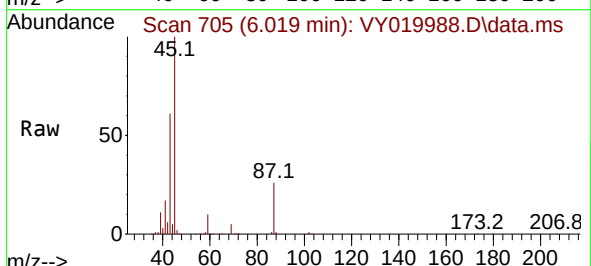


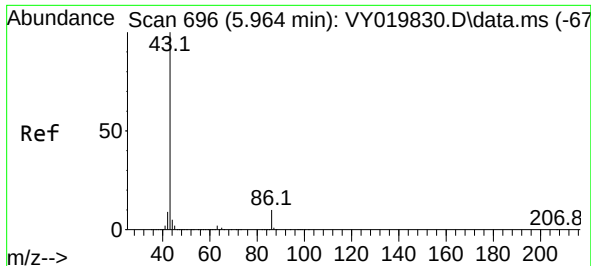
Tgt Ion: 96 Resp: 55002
Ion Ratio Lower Upper
96 100
61 136.1 97.5 146.3
98 63.6 50.5 75.7



#22
Diisopropyl ether
Concen: 24.317 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 45 Resp: 240184
Ion Ratio Lower Upper
45 100
43 61.1 42.2 63.2
87 25.6 25.0 37.6
59 10.2 10.5 15.7#

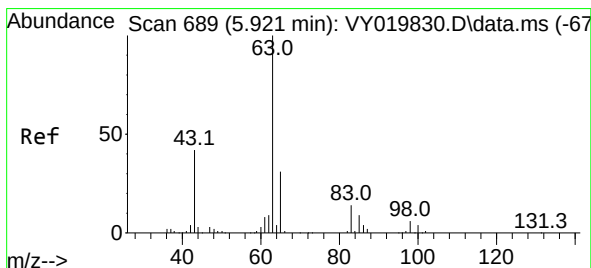
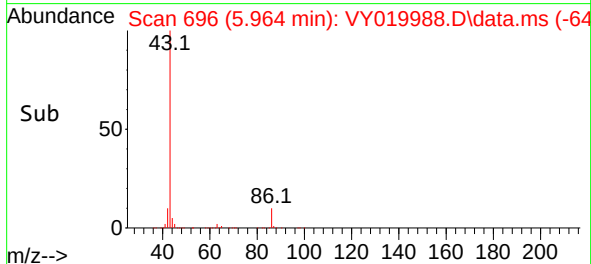
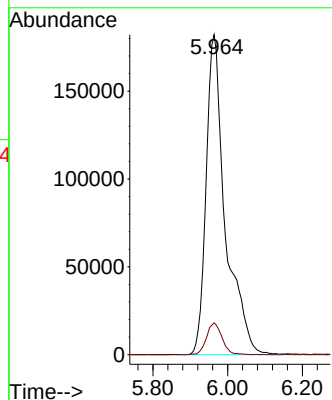
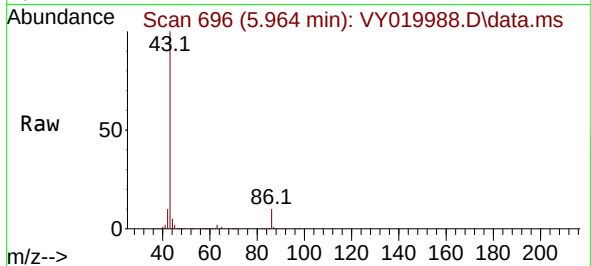




#23
 Vinyl Acetate
 Concen: 114.578 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

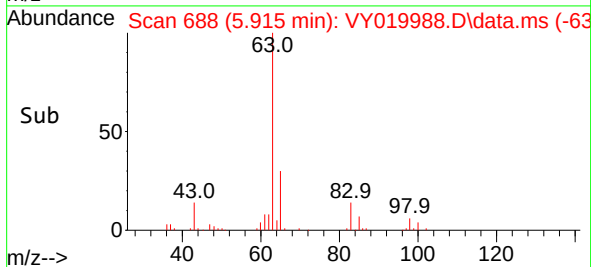
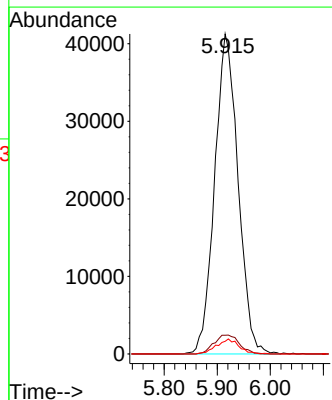
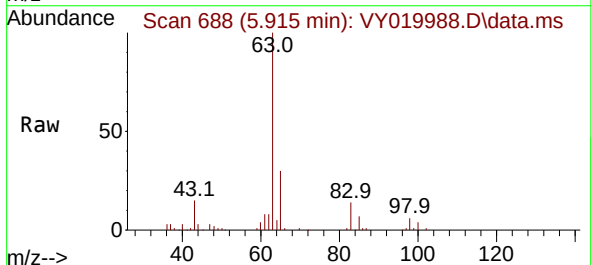
Instrument :
 MSVOA_Y
 ClientSampleId :

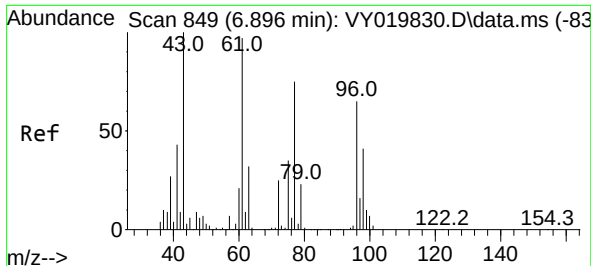
Tgt Ion: 43 Resp: 648774
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 23.005 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Tgt Ion: 63 Resp: 126308
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 12.2
 100 4.0 2.6 8.0

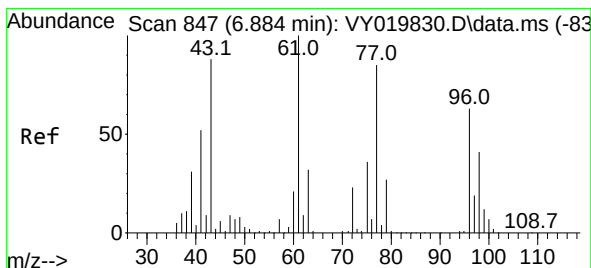
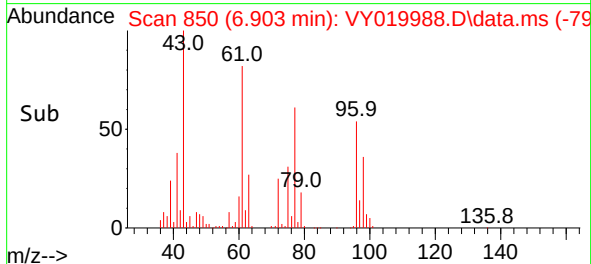
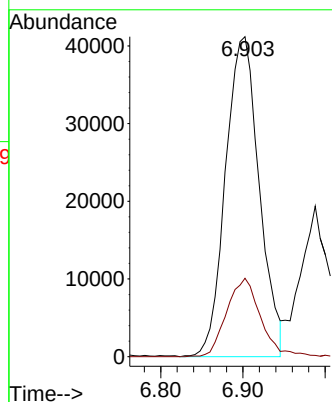
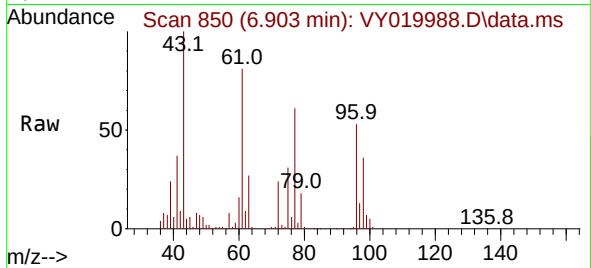




#25
2-Butanone
Concen: 117.052 ug/l
RT: 6.903 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

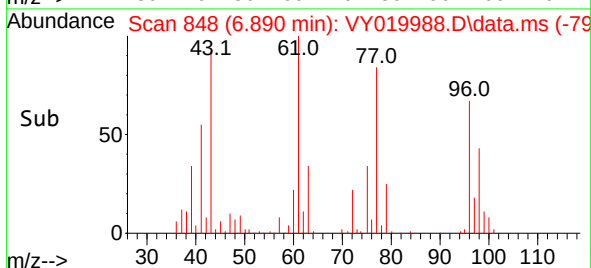
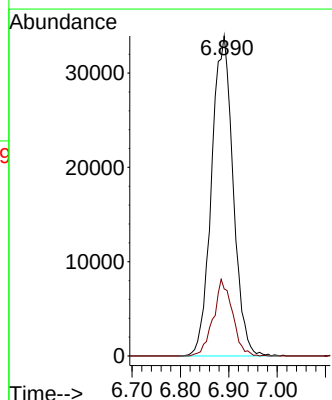
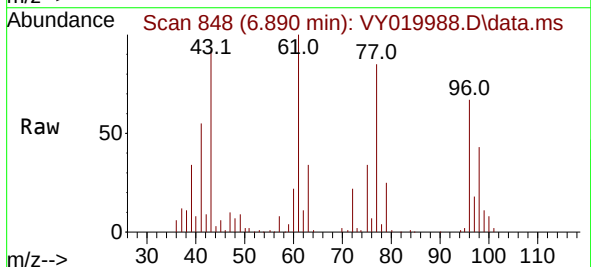
Instrument :
MSVOA_Y
ClientSampleId :

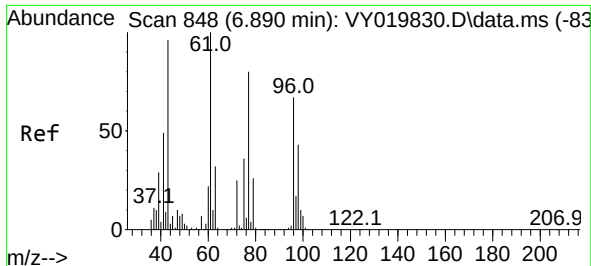
Tgt Ion: 43 Resp: 117645
Ion Ratio Lower Upper
43 100
72 24.5 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.503 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

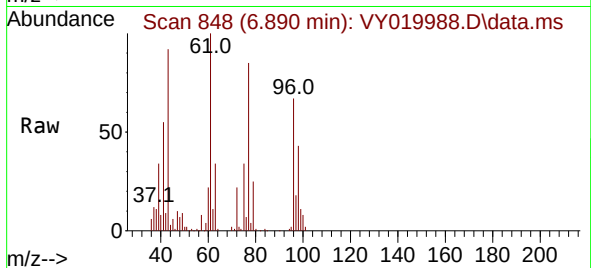
Tgt Ion: 77 Resp: 105141
Ion Ratio Lower Upper
77 100
97 21.2 12.0 36.1



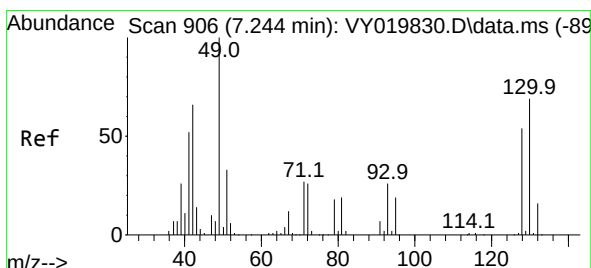
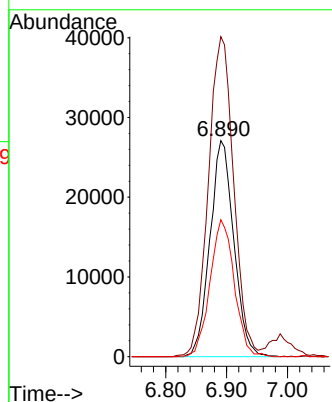
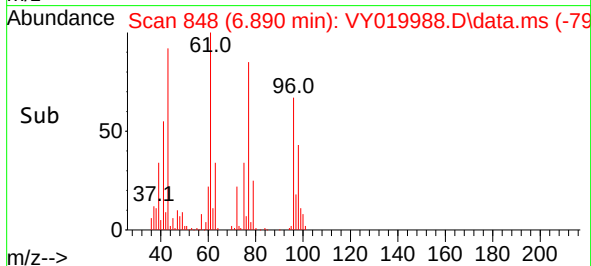


#27
 cis-1,2-Dichloroethene
 Concen: 21.828 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :

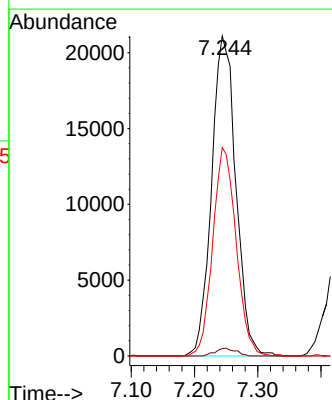
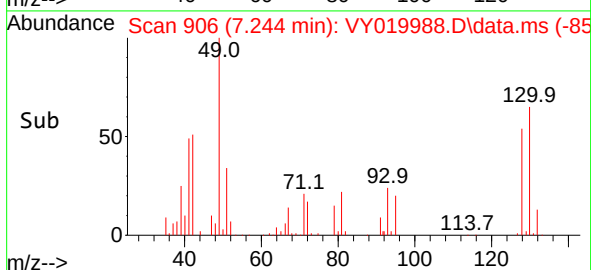
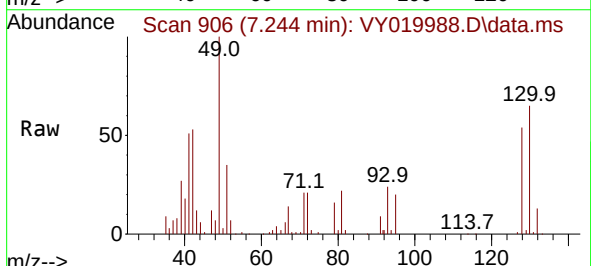


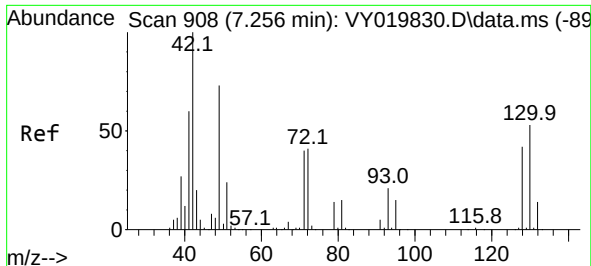
Tgt Ion: 96 Resp: 73785
 Ion Ratio Lower Upper
 96 100
 61 156.8 0.0 256.2
 98 64.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 23.279 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Tgt Ion: 49 Resp: 56256
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 62.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 117.116 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

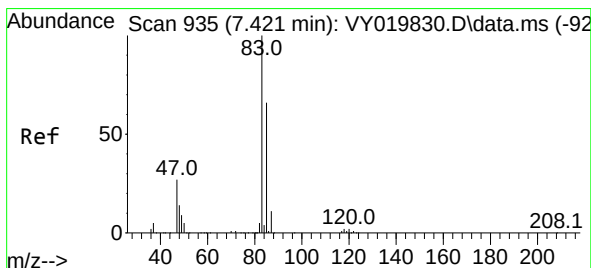
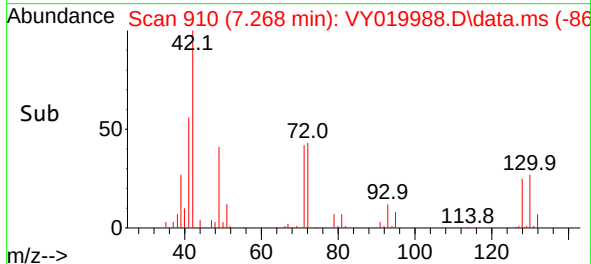
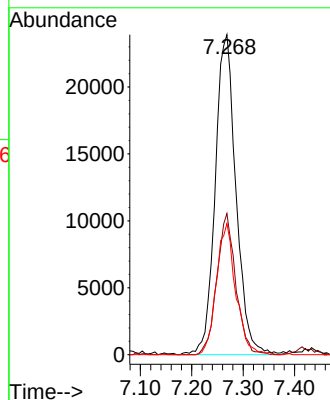
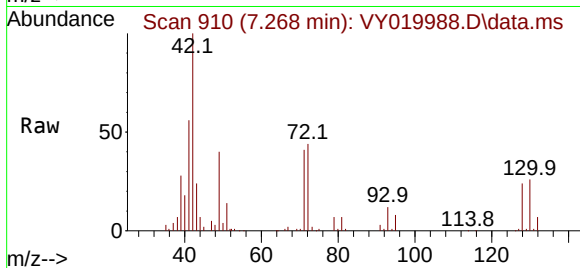
Tgt Ion: 42 Resp: 67209

Ion Ratio Lower Upper

42 100

72 40.2 43.0 64.4#

71 38.1 40.8 61.2#



#30

Chloroform

Concen: 24.093 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019988.D

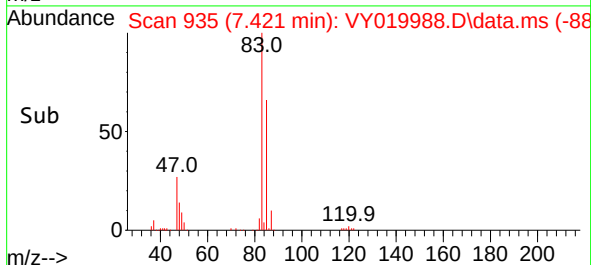
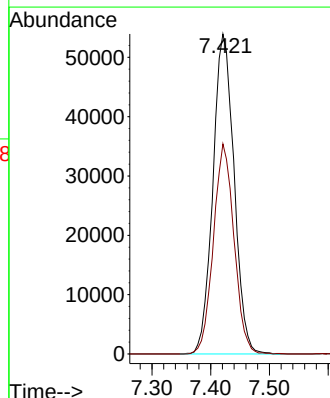
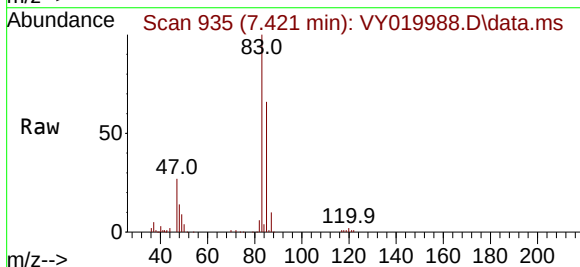
Acq: 23 Oct 2024 12:43

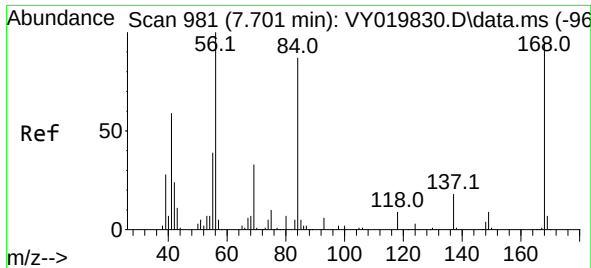
Tgt Ion: 83 Resp: 134843

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

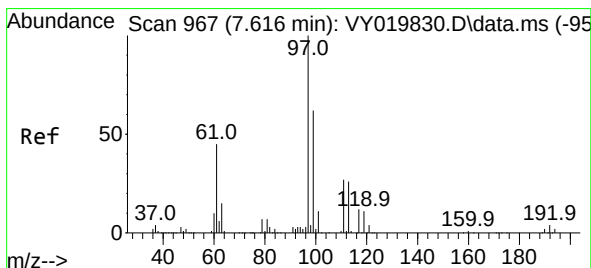
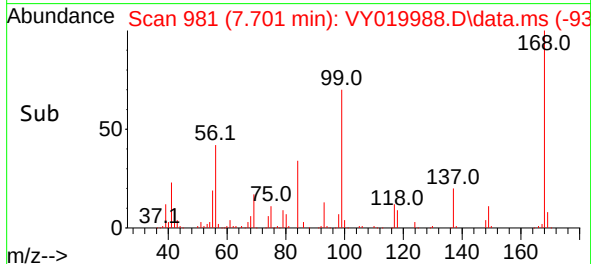
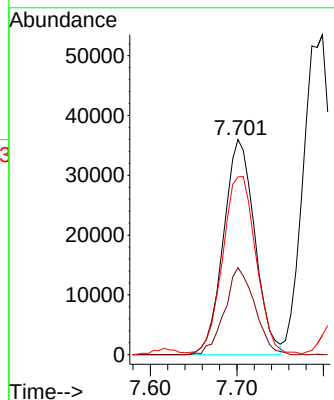
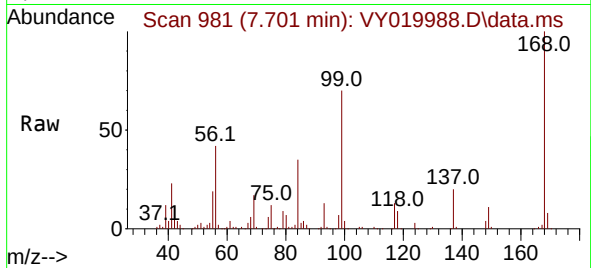




#31
Cyclohexane
Concen: 18.724 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

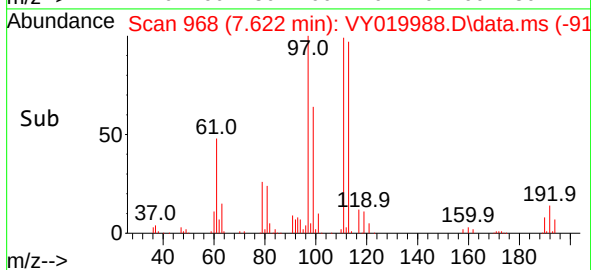
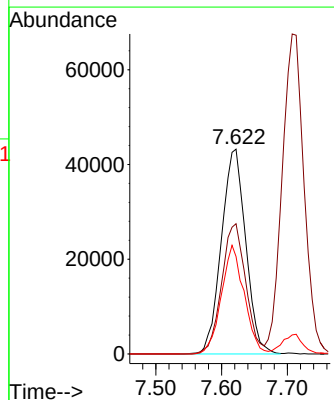
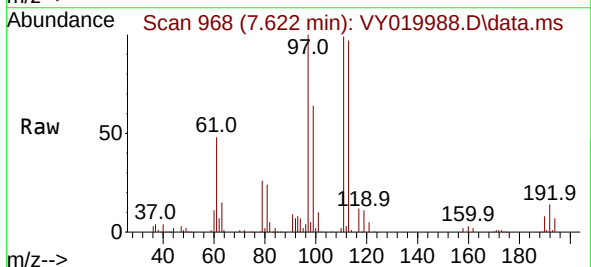
Instrument :
MSVOA_Y
ClientSampleId :

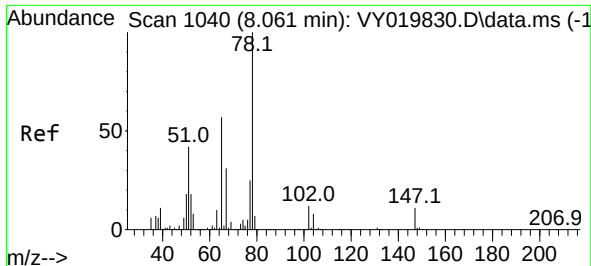
Tgt Ion: 56 Resp: 90240
Ion Ratio Lower Upper
56 100
69 40.1 28.7 43.1
84 81.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.746 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 97 Resp: 111564
Ion Ratio Lower Upper
97 100
99 62.9 50.3 75.5
61 49.5 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 51.370 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

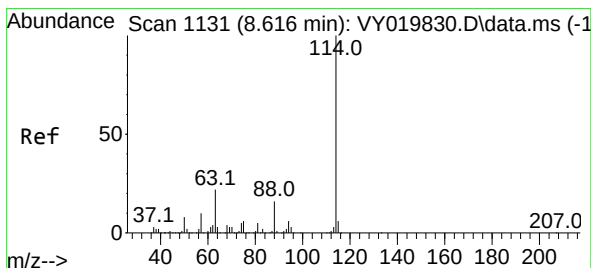
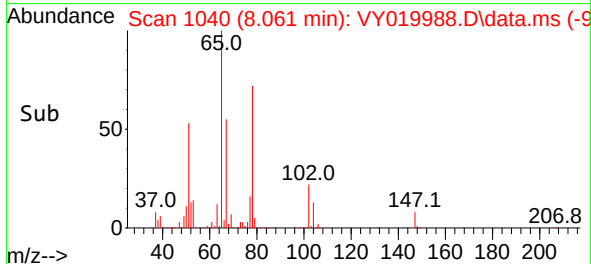
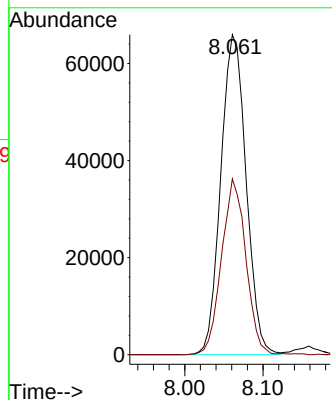
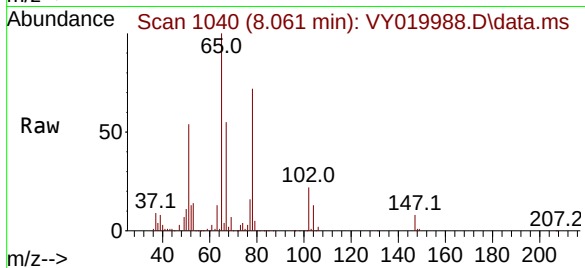
ClientSampleId :

Tgt Ion: 65 Resp: 148175

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019988.D

Acq: 23 Oct 2024 12:43

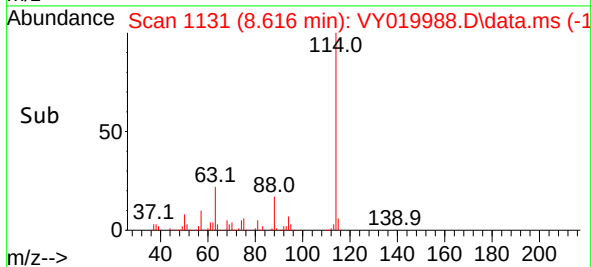
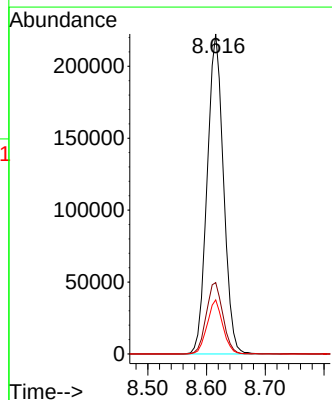
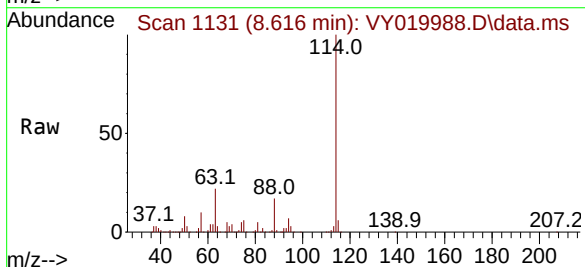
Tgt Ion: 114 Resp: 429341

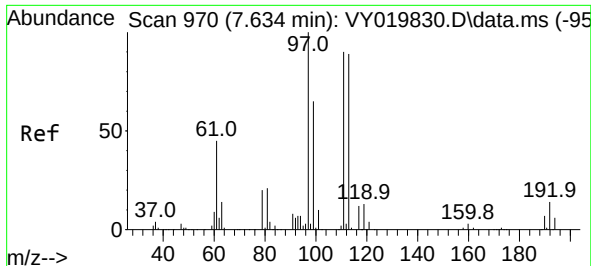
Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.0

88 16.9 0.0 27.2

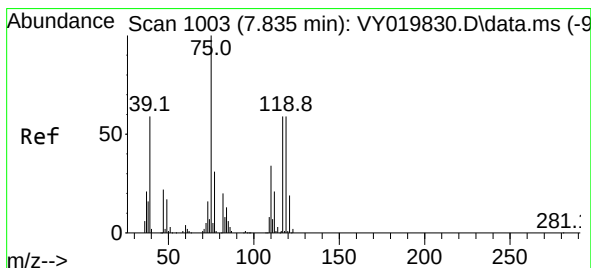
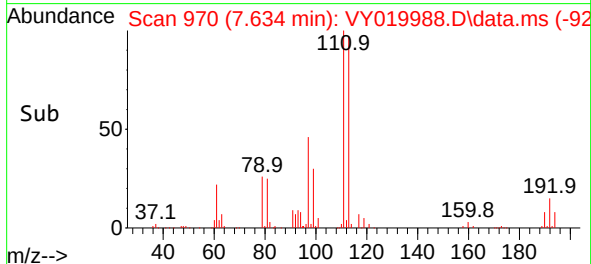
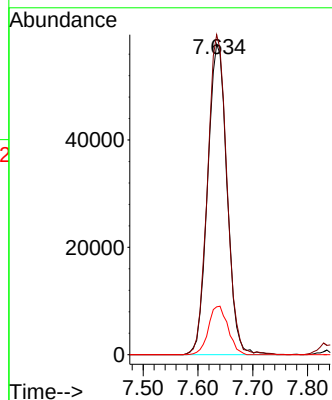
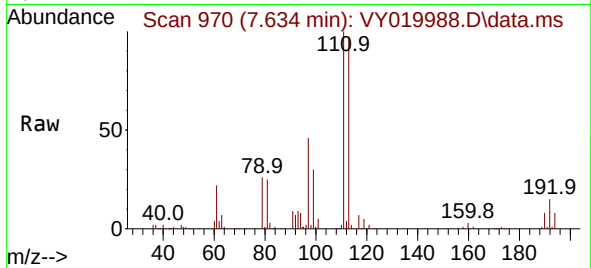




#35
Dibromofluoromethane
Concen: 50.065 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

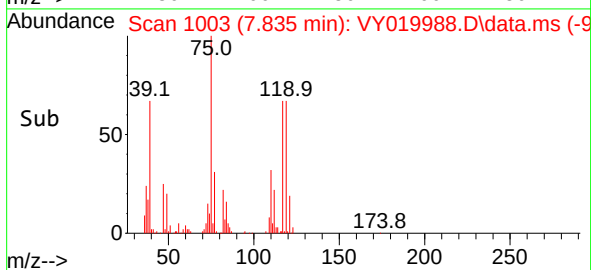
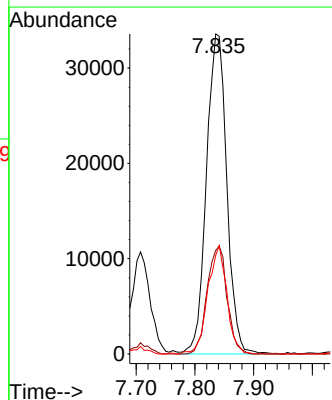
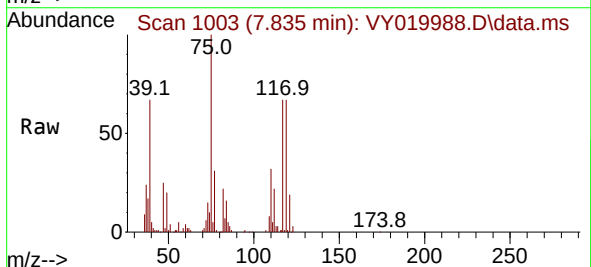
Instrument :
MSVOA_Y
ClientSampleId :

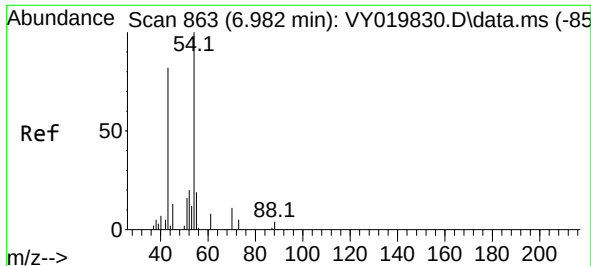
Tgt Ion:113 Resp: 141842
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 15.7 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 19.831 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 75 Resp: 80943
Ion Ratio Lower Upper
75 100
110 32.9 19.0 57.0
77 31.6 25.3 37.9

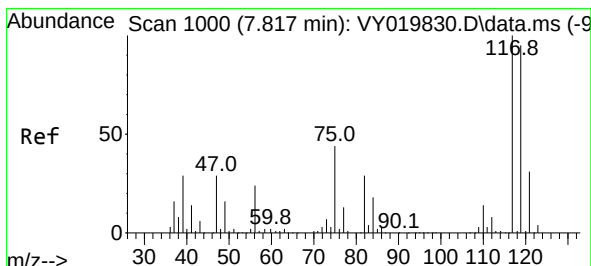
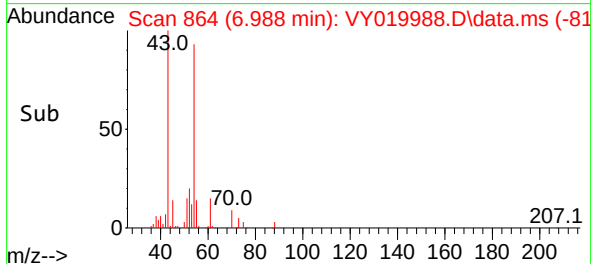
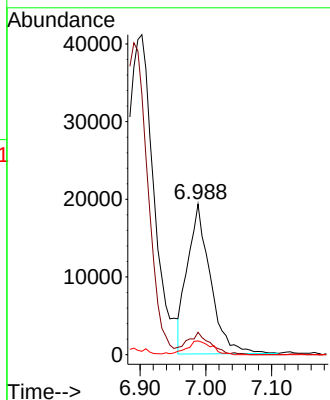
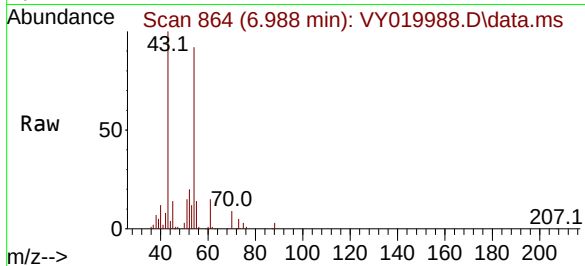




#37
Ethyl Acetate
Concen: 21.887 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

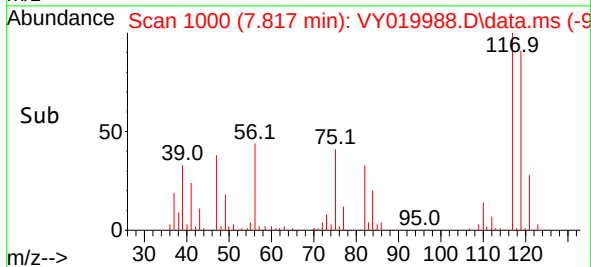
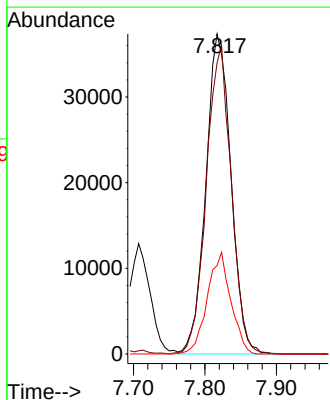
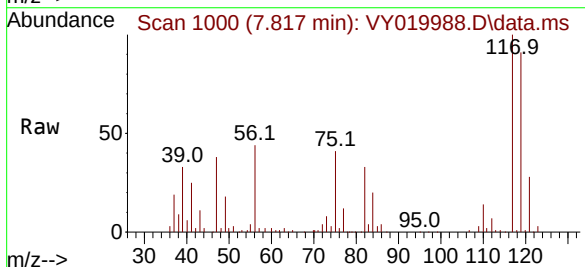
Instrument :
MSVOA_Y
ClientSampleId :

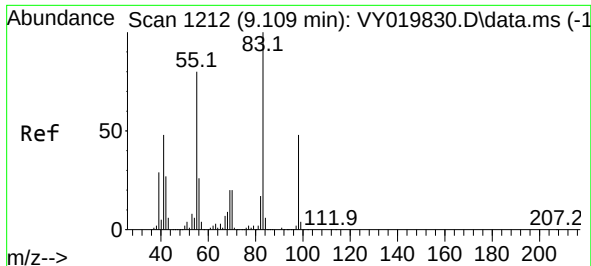
Tgt Ion: 43 Resp: 46584
Ion Ratio Lower Upper
43 100
61 15.5 12.6 19.0
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 20.825 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 117 Resp: 91123
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.6
121 27.7 24.0 36.0





#39

Methylcyclohexane

Concen: 18.511 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

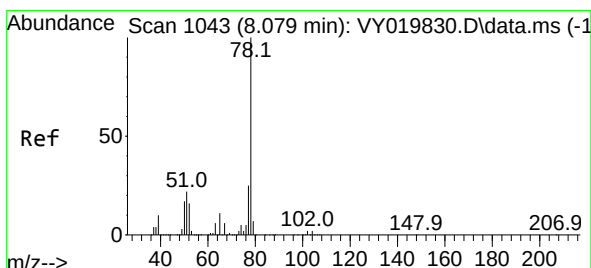
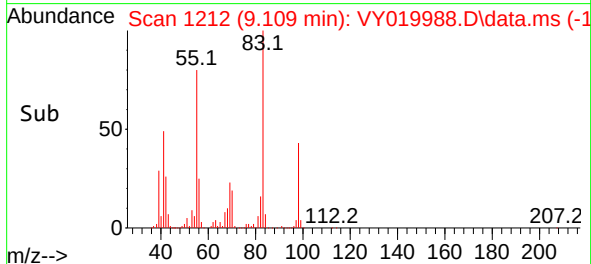
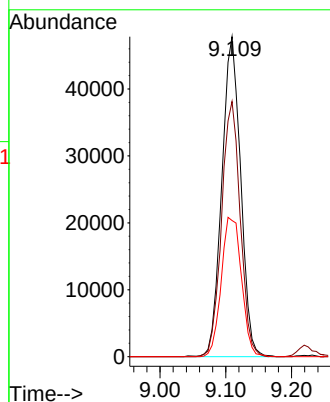
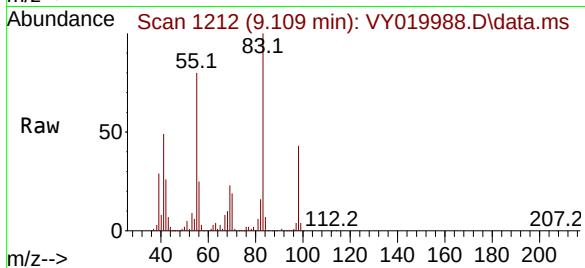
Tgt Ion: 83 Resp: 95201

Ion Ratio Lower Upper

83 100

55 79.8 51.5 77.3#

98 42.5 40.5 60.7



#40

Benzene

Concen: 20.886 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019988.D

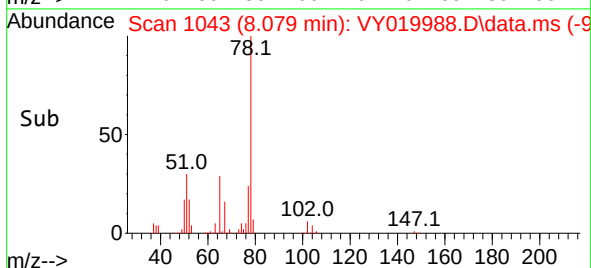
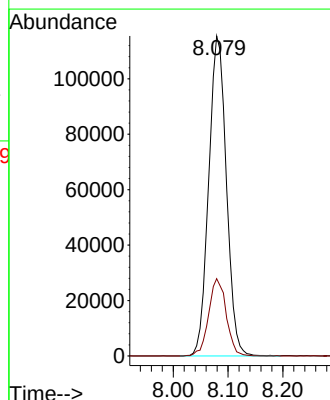
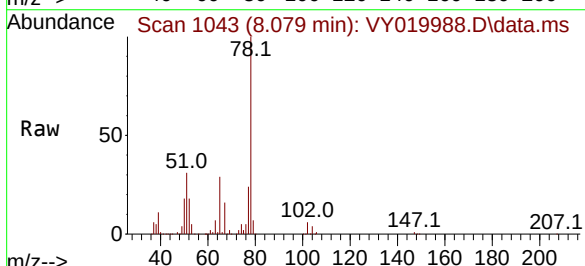
Acq: 23 Oct 2024 12:43

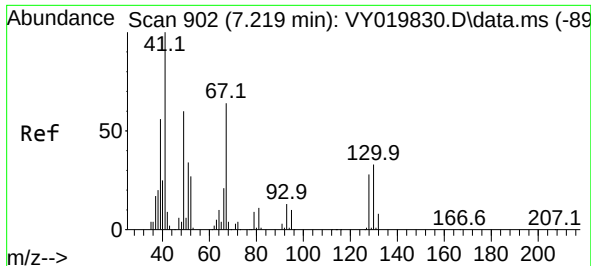
Tgt Ion: 78 Resp: 257999

Ion Ratio Lower Upper

78 100

77 24.2 19.5 29.3

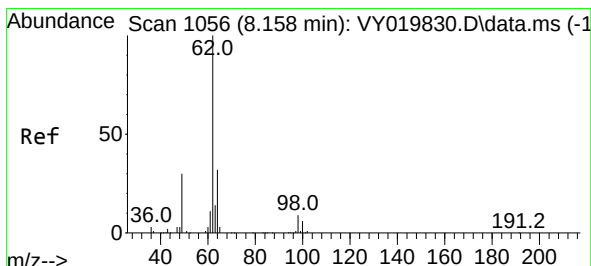
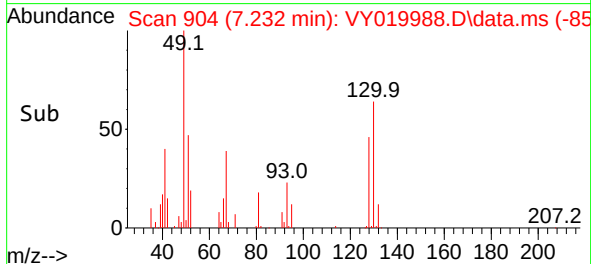
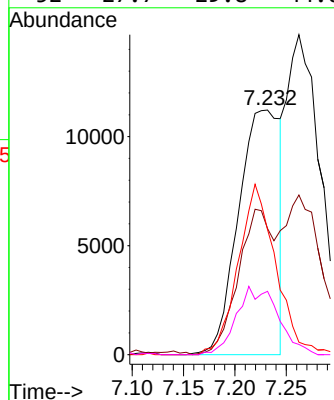
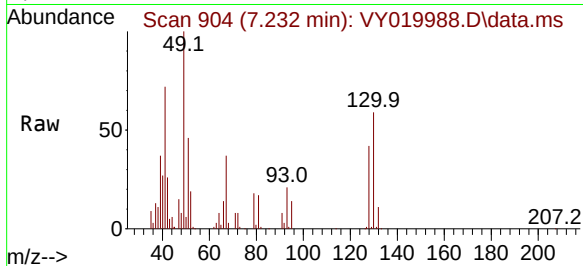




#41
Methacrylonitrile
Concen: 27.399 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

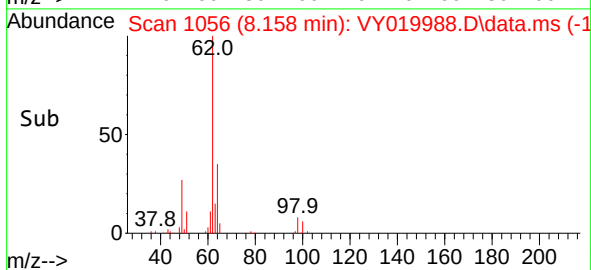
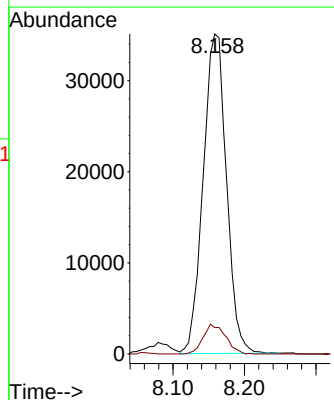
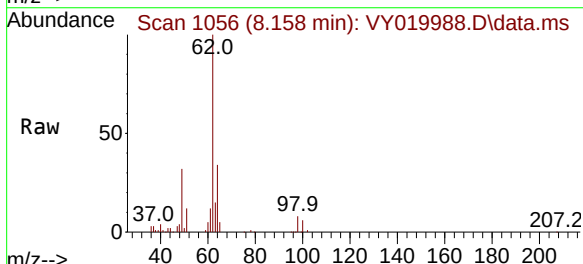
Instrument :
MSVOA_Y
ClientSampleId :

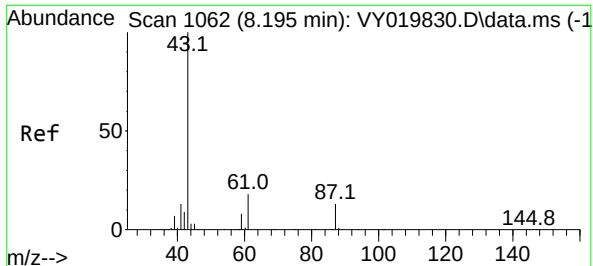
Tgt Ion:	41	Resp:	31561
Ion	Ratio	Lower	Upper
41	100		
39	48.9	48.0	72.0
67	63.4	75.1	112.7#
52	27.7	29.8	44.6#



#42
1,2-Dichloroethane
Concen: 22.390 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion:	62	Resp:	79460
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	22.0

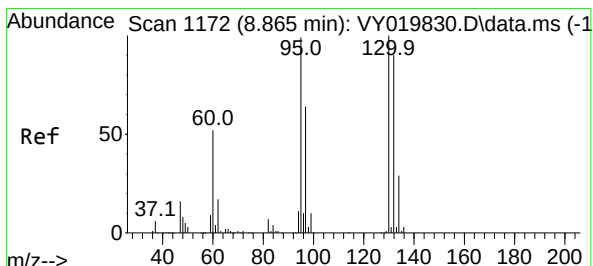
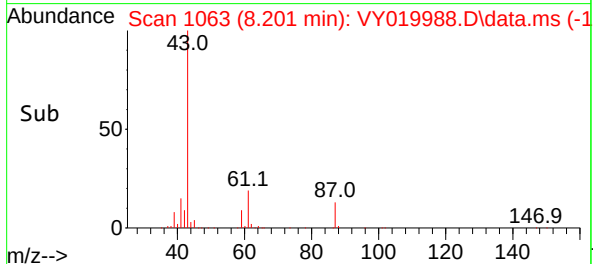
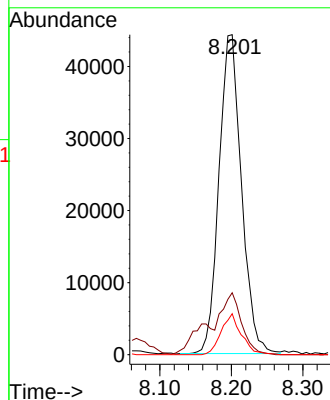
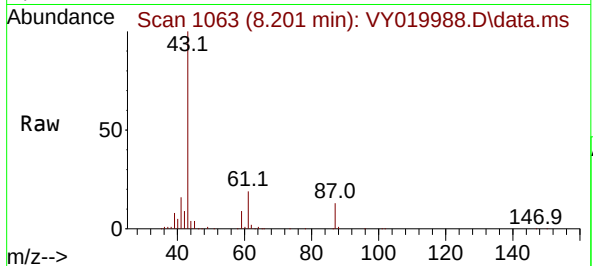




#43
Isopropyl Acetate
Concen: 22.285 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

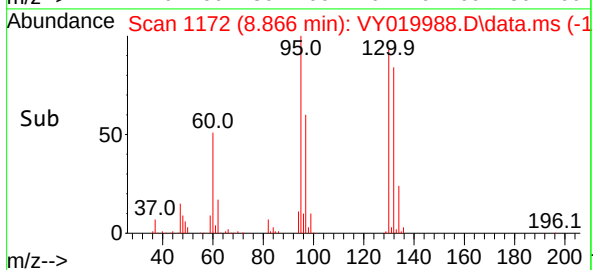
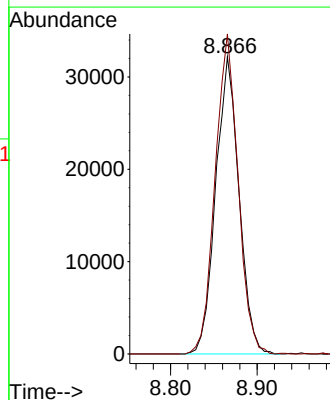
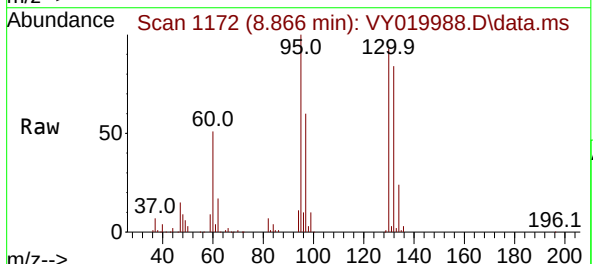
Instrument :
MSVOA_Y
ClientSampleId :

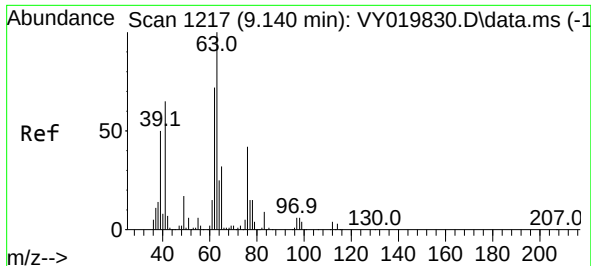
Tgt Ion: 43 Resp: 96728
Ion Ratio Lower Upper
43 100
61 17.6 27.9 41.9#
87 11.6 13.1 19.7#



#44
Trichloroethene
Concen: 20.104 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion:130 Resp: 60148
Ion Ratio Lower Upper
130 100
95 107.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 22.260 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

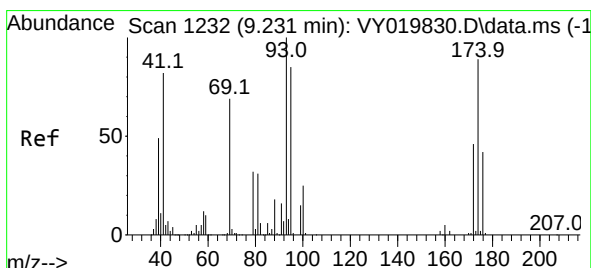
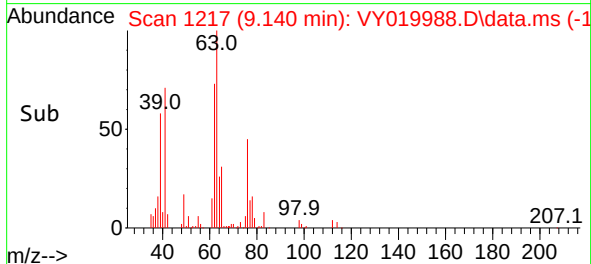
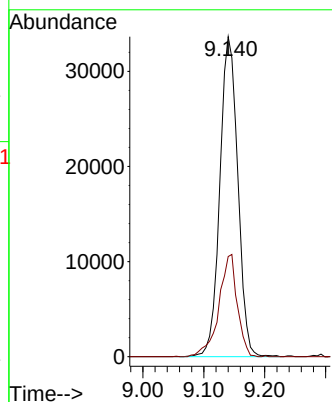
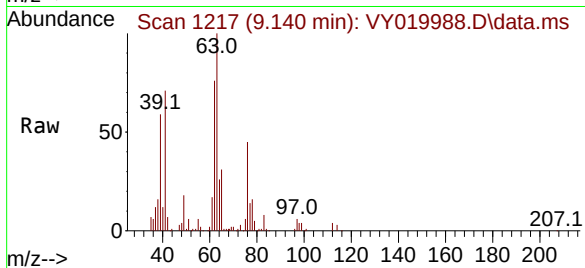
ClientSampleId :

Tgt Ion: 63 Resp: 68825

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.2



#46

Dibromomethane

Concen: 21.618 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

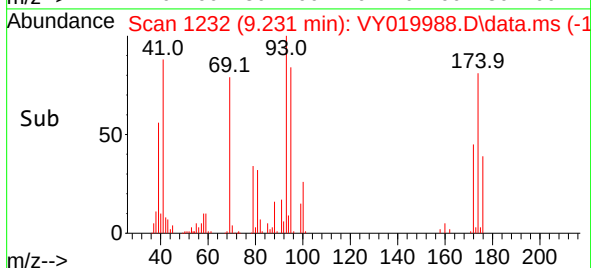
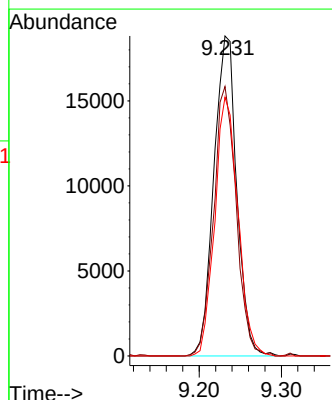
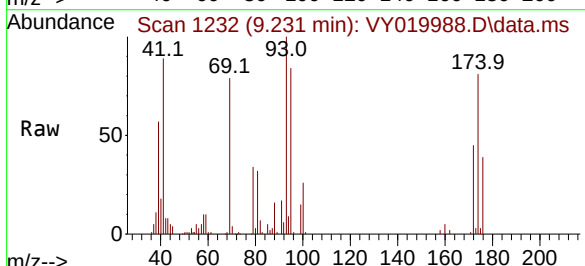
Tgt Ion: 93 Resp: 36519

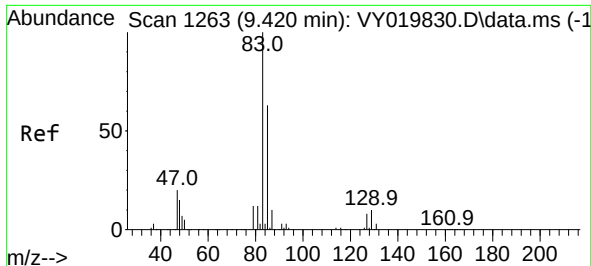
Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 81.5 80.9 121.3

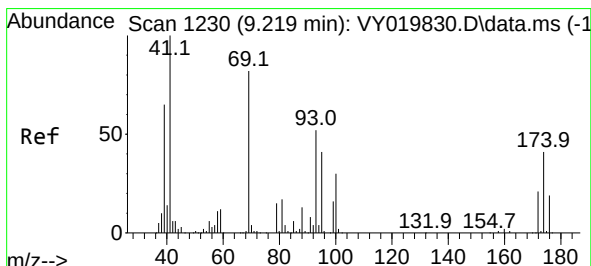
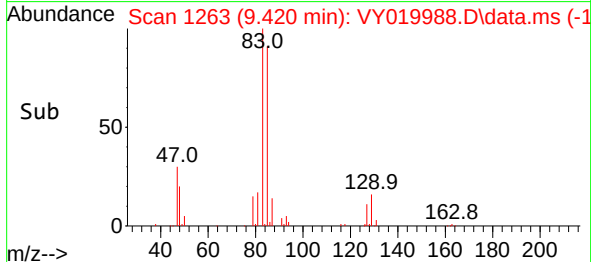
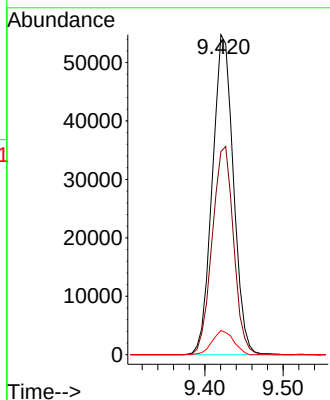
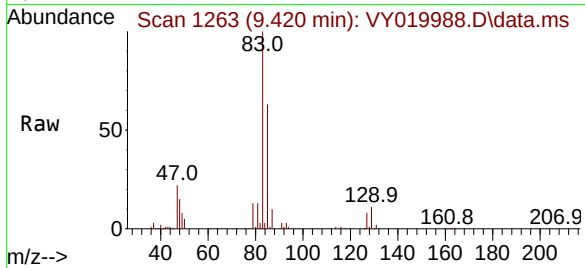




#47
Bromodichloromethane
Concen: 22.814 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

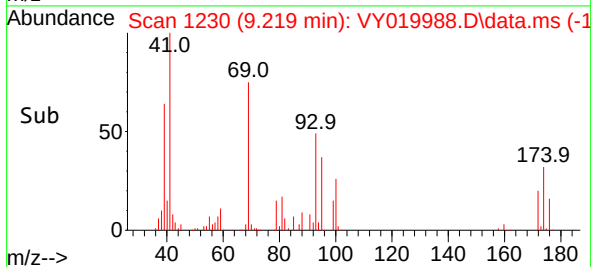
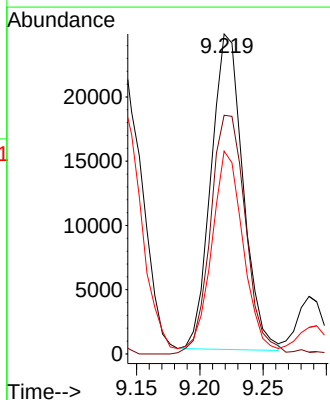
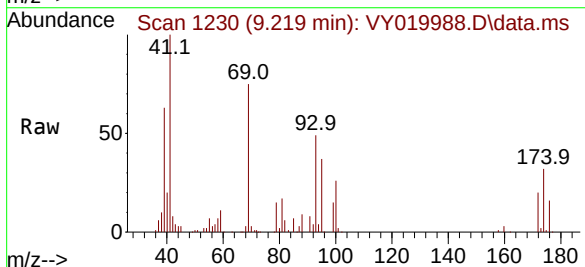
Instrument :
MSVOA_Y
ClientSampleId :

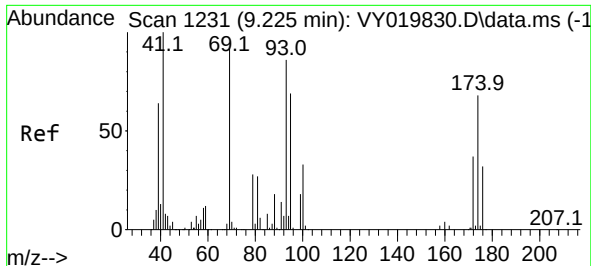
Tgt Ion: 83 Resp: 102293
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 7.6 7.4 11.0



#48
Methyl methacrylate
Concen: 22.589 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 41 Resp: 43129
Ion Ratio Lower Upper
41 100
69 82.9 84.1 126.1#
39 63.5 43.6 65.4

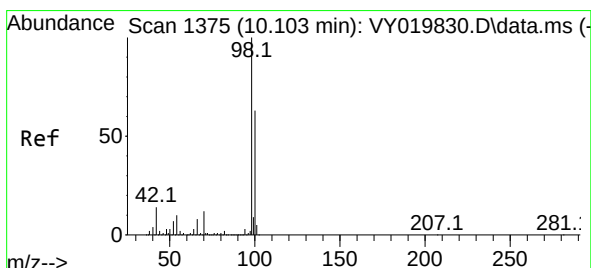
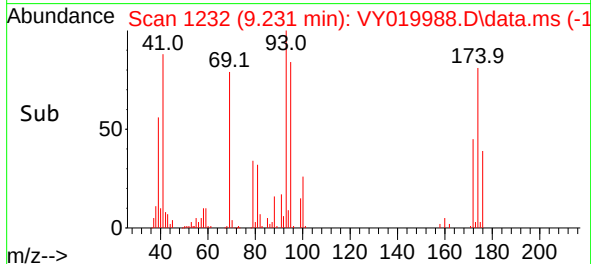
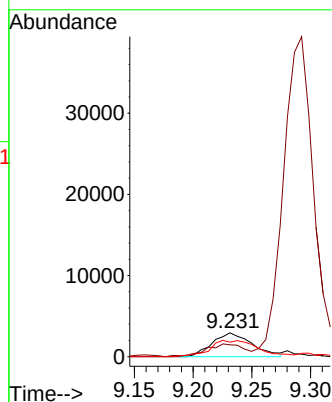
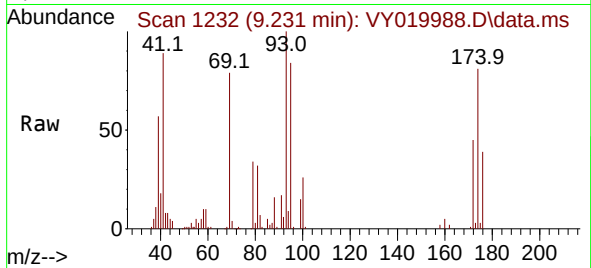




#49
1,4-Dioxane
Concen: 365.796 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

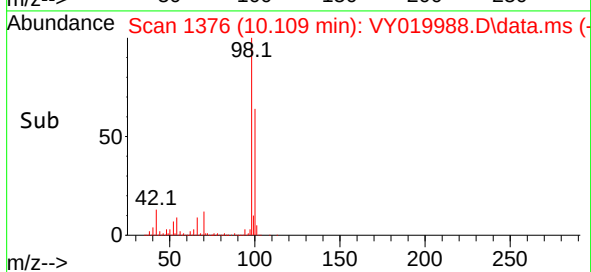
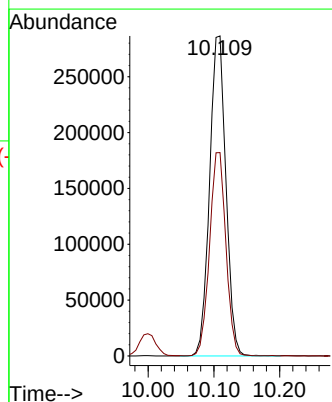
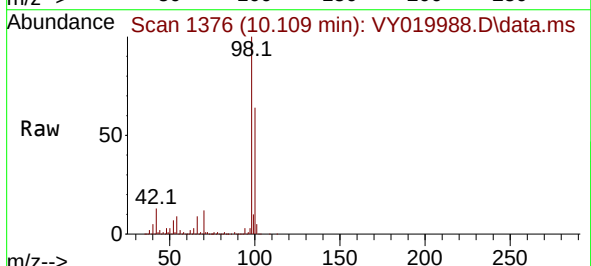
Instrument :
MSVOA_Y
ClientSampleId :

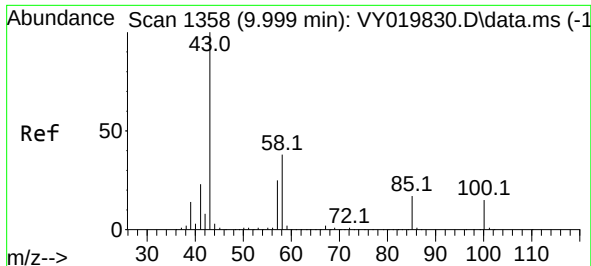
Tgt Ion: 88 Resp: 6916
Ion Ratio Lower Upper
88 100
43 51.5 0.0 0.0#
58 81.1 49.3 73.9#



#50
Toluene-d8
Concen: 47.332 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 98 Resp: 495215
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 116.412 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

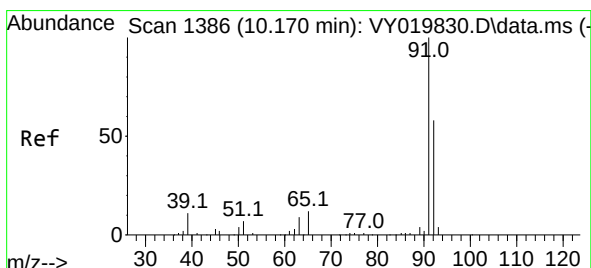
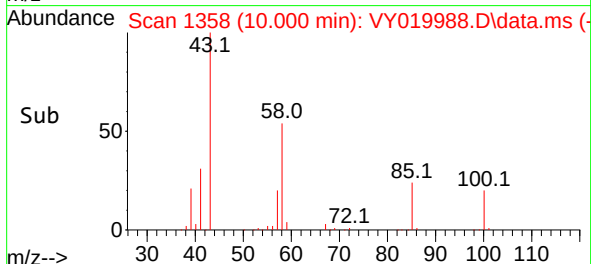
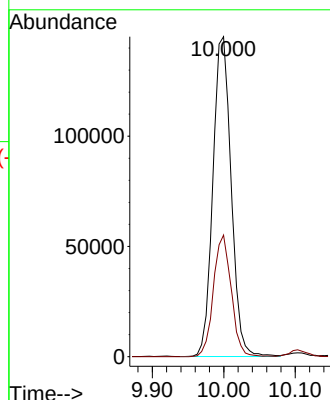
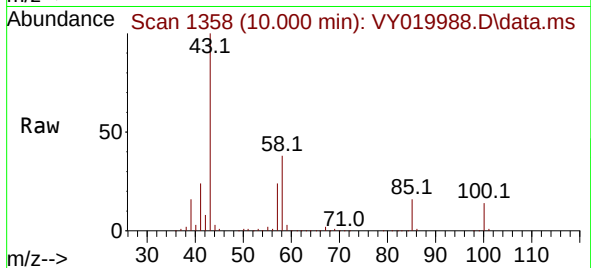
ClientSampleId :

Tgt Ion: 43 Resp: 257733

Ion Ratio Lower Upper

43 100

58 37.1 35.7 53.5



#52

Toluene

Concen: 21.275 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019988.D

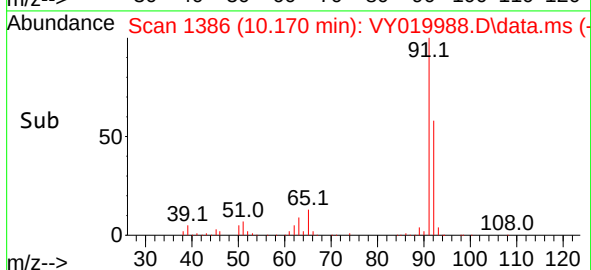
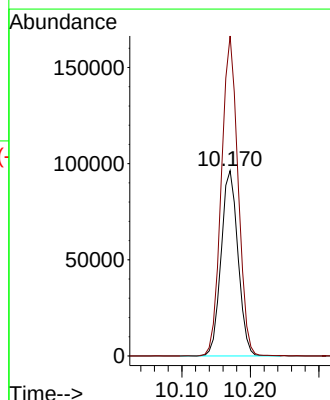
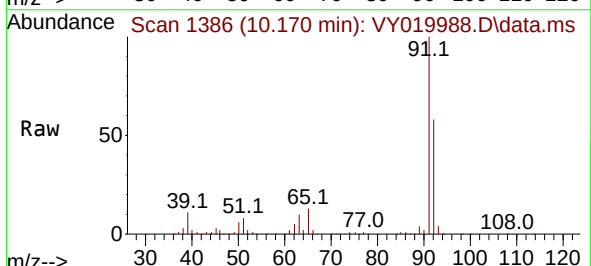
Acq: 23 Oct 2024 12:43

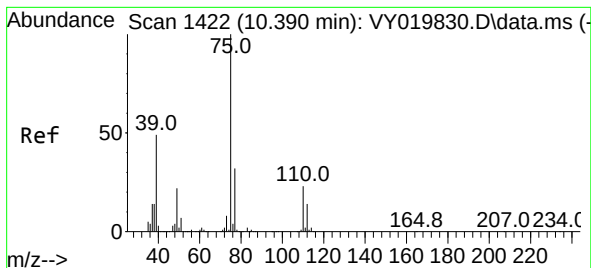
Tgt Ion: 92 Resp: 164044

Ion Ratio Lower Upper

92 100

91 171.1 139.0 208.6

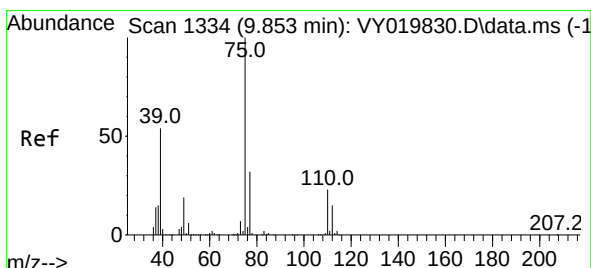
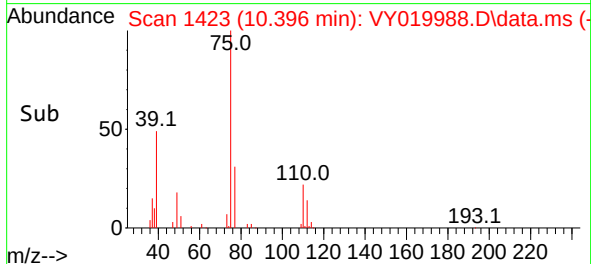
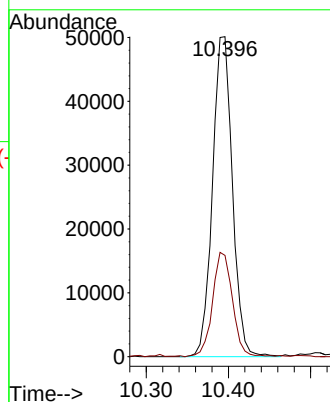
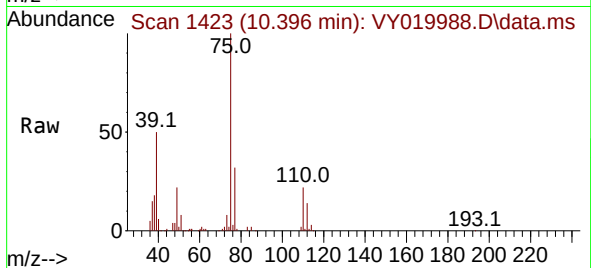




#53
t-1,3-Dichloropropene
Concen: 20.919 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

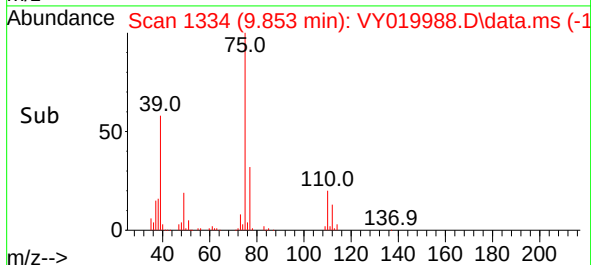
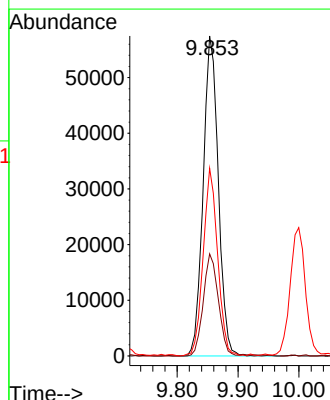
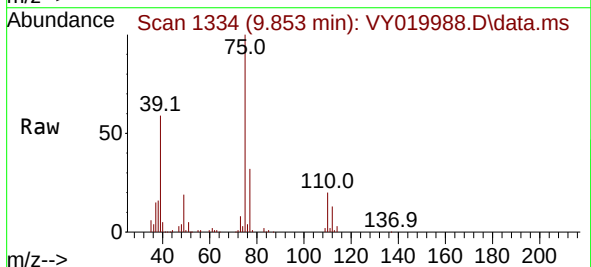
Instrument :
MSVOA_Y
ClientSampleId :

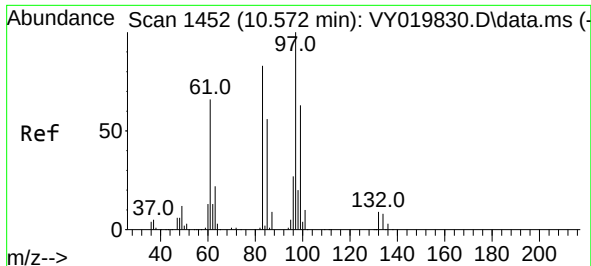
Tgt Ion: 75 Resp: 84396
Ion Ratio Lower Upper
75 100
77 31.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.912 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 75 Resp: 99550
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.0
39 58.6 29.8 44.6#

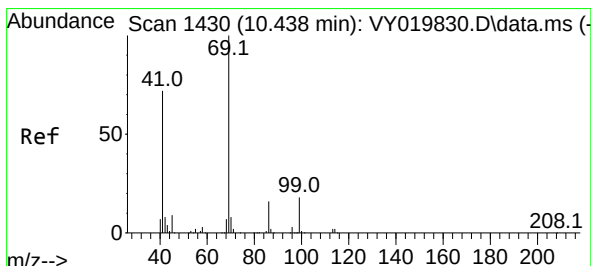
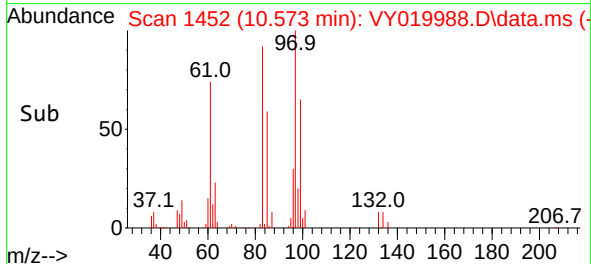
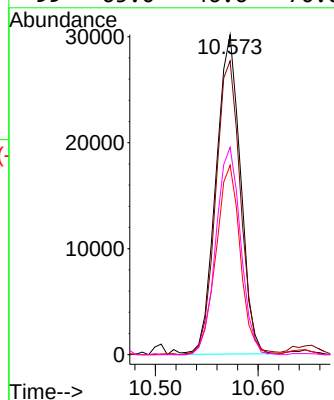
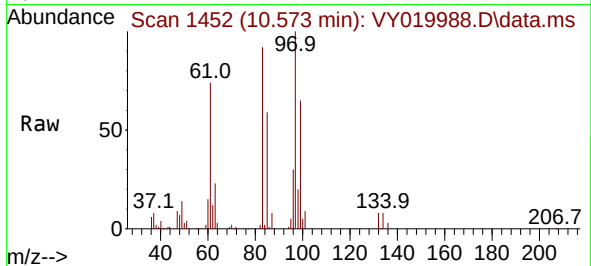




#55
1,1,2-Trichloroethane
Concen: 22.320 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

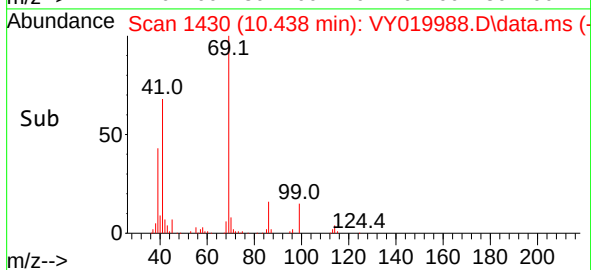
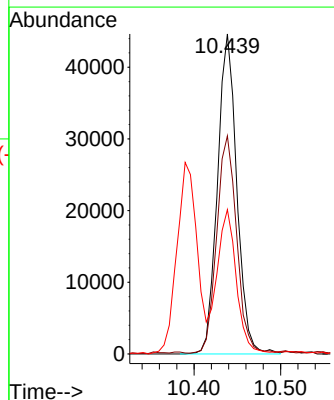
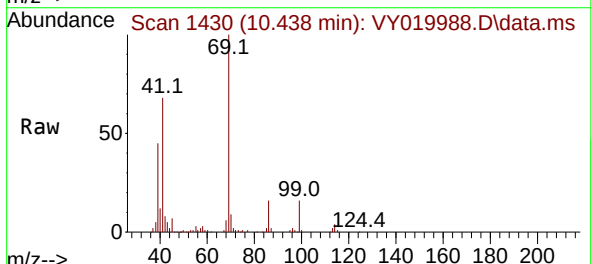
Instrument :
MSVOA_Y
ClientSampleId :

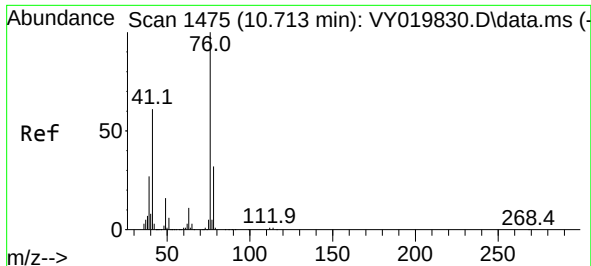
Tgt Ion: 97	Resp: 49676
Ion Ratio	Lower Upper
97 100	
83 92.1	67.5 101.3
85 59.4	42.9 64.3
99 65.0	46.6 70.0



#56
Ethyl methacrylate
Concen: 21.717 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 69	Resp: 69353
Ion Ratio	Lower Upper
69 100	
41 69.7	42.3 63.5#
39 43.9	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.586 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

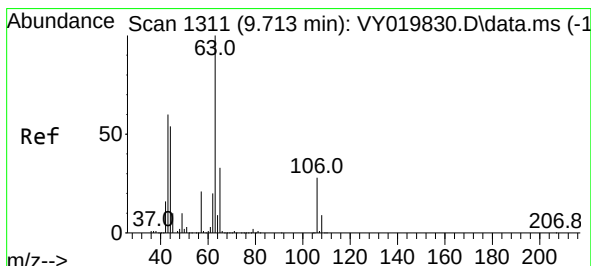
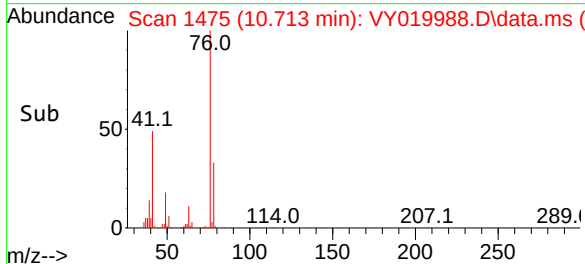
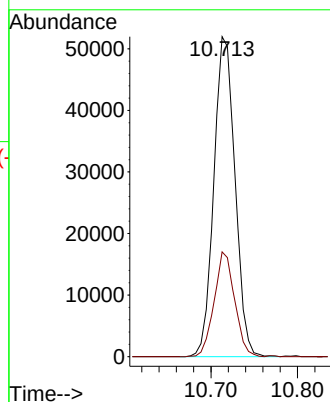
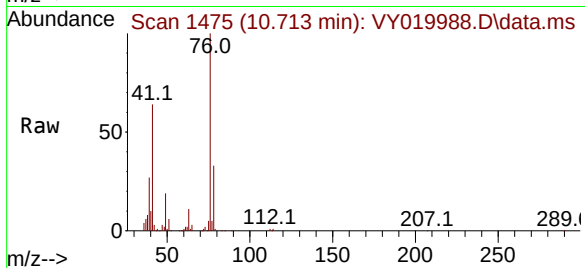
ClientSampleId :

Tgt Ion: 76 Resp: 88276

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 108.411 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019988.D

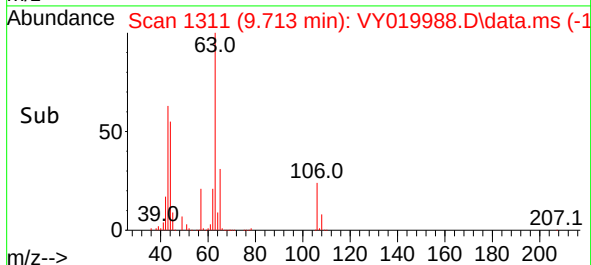
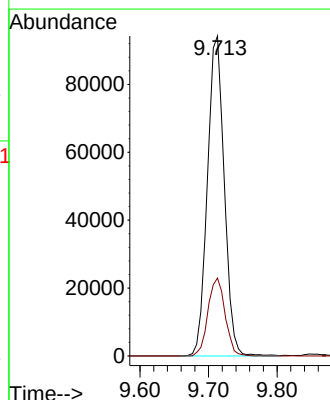
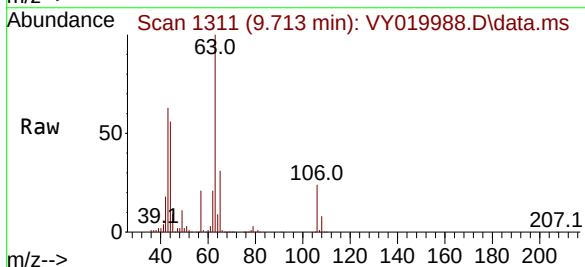
Acq: 23 Oct 2024 12:43

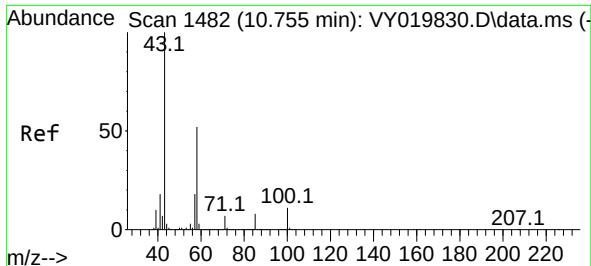
Tgt Ion: 63 Resp: 161173

Ion Ratio Lower Upper

63 100

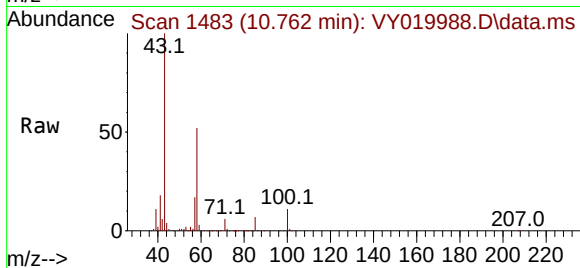
106 24.7 23.7 35.5



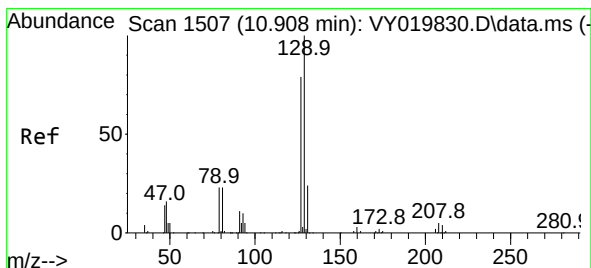
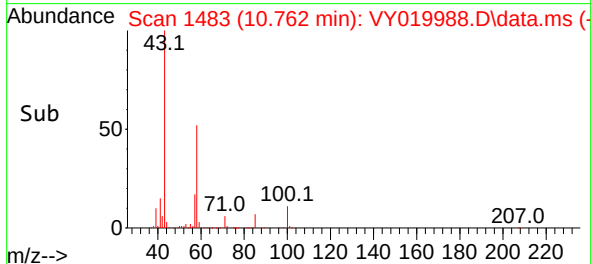
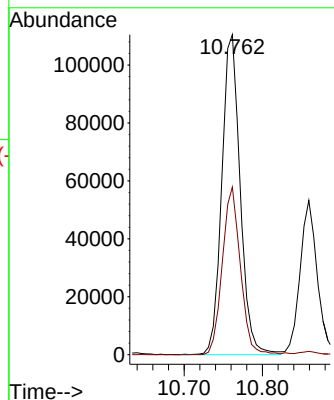


#59
2-Hexanone
Concen: 114.108 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Instrument :
MSVOA_Y
ClientSampleId :

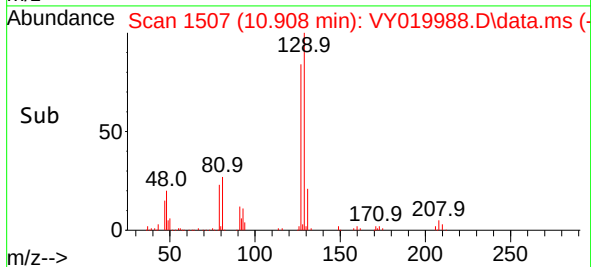
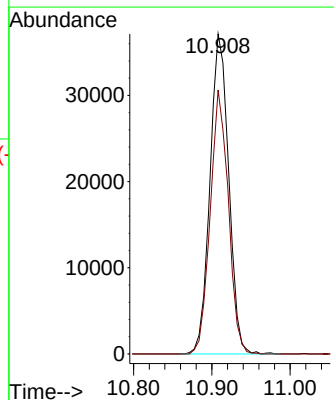
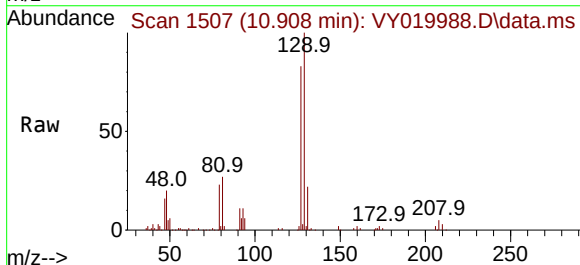


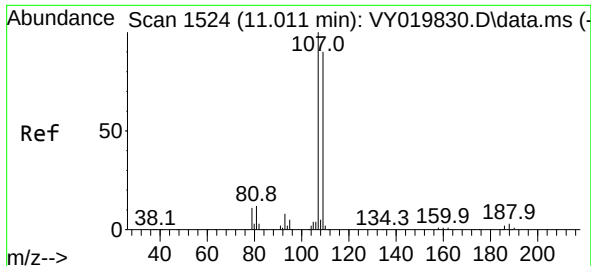
Tgt Ion: 43 Resp: 180437
Ion Ratio Lower Upper
43 100
58 51.5 31.4 94.0



#60
Dibromochloromethane
Concen: 21.554 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 129 Resp: 61571
Ion Ratio Lower Upper
129 100
127 79.8 39.0 117.0

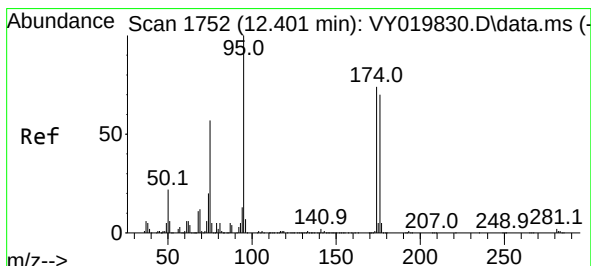
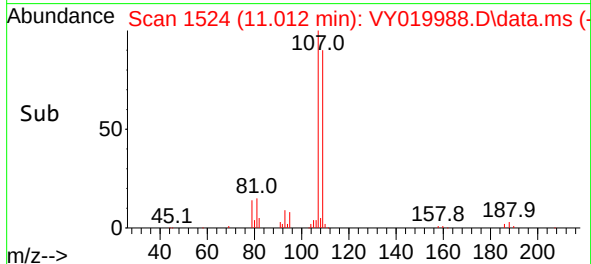
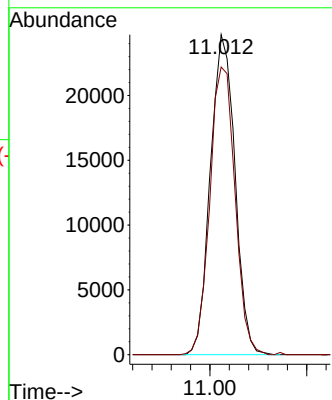
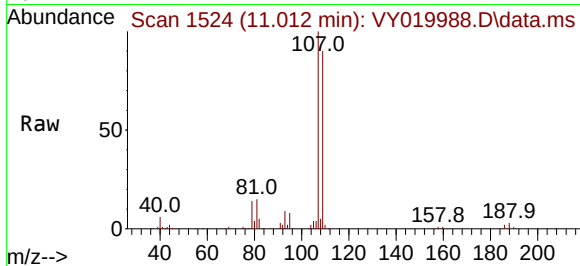




#61
1,2-Dibromoethane
Concen: 21.663 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

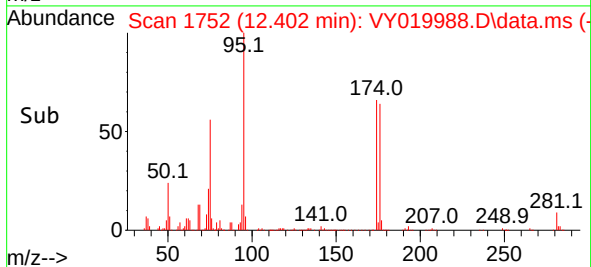
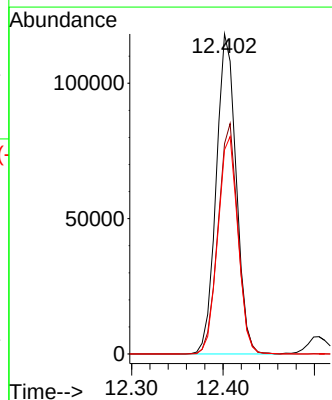
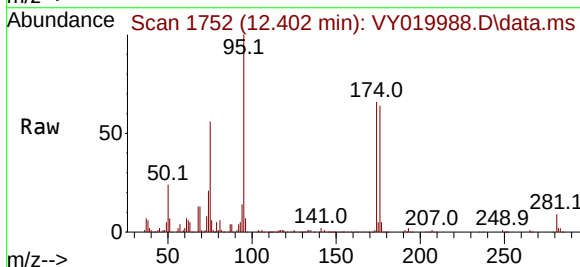
Instrument :
MSVOA_Y
ClientSampleId :

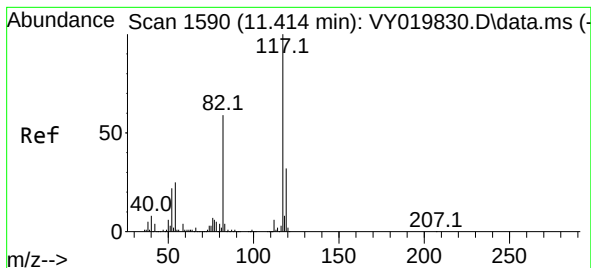
Tgt Ion:107 Resp: 43568
Ion Ratio Lower Upper
107 100
109 92.2 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.427 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 95 Resp: 179294
Ion Ratio Lower Upper
95 100
174 71.6 0.0 175.6
176 68.5 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: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

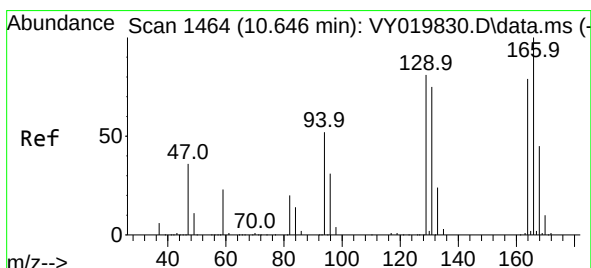
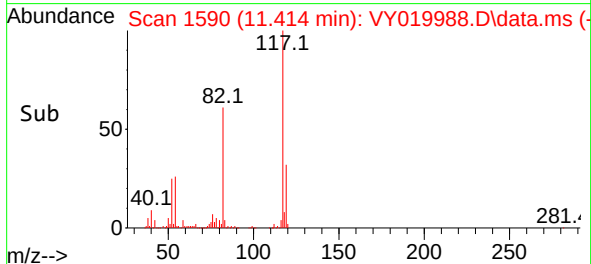
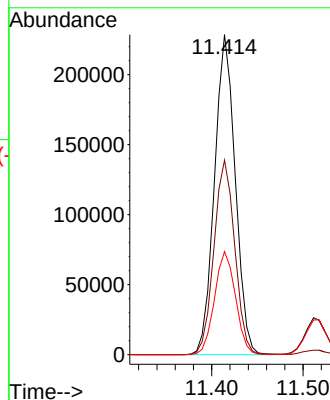
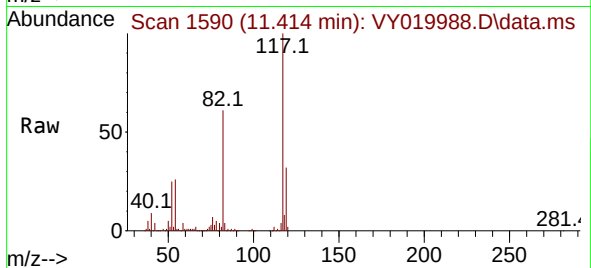
Tgt Ion:117 Resp: 361190

Ion Ratio Lower Upper

117 100

82 60.8 42.4 63.6

119 32.2 25.9 38.9



#64

Tetrachloroethene

Concen: 19.312 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Tgt Ion:164 Resp: 49614

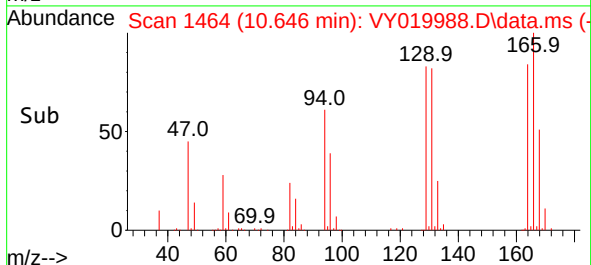
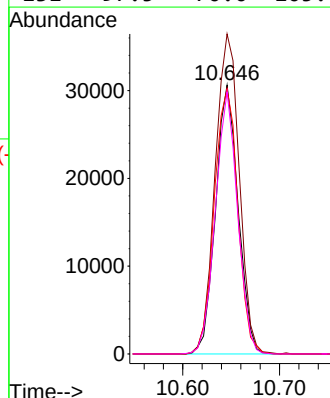
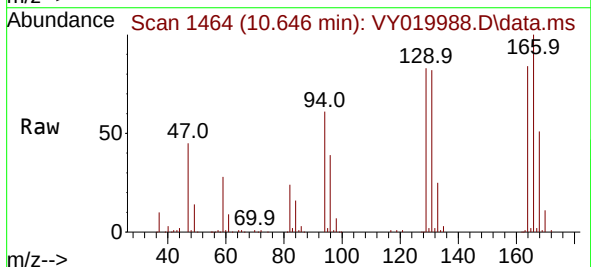
Ion Ratio Lower Upper

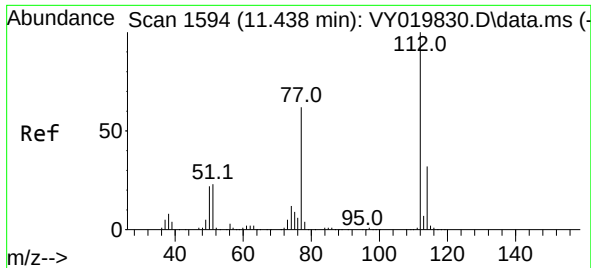
164 100

166 119.0 102.6 154.0

129 98.7 72.0 108.0

131 97.5 70.0 105.0

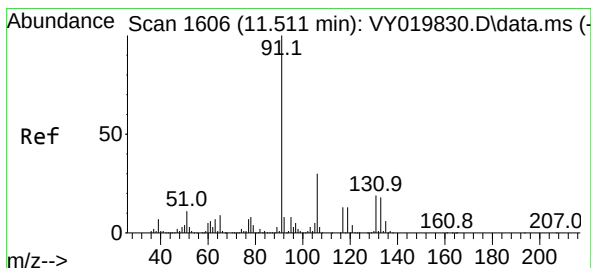
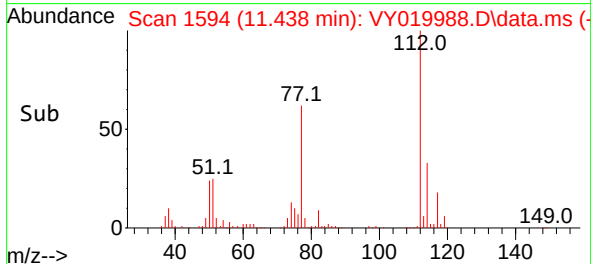
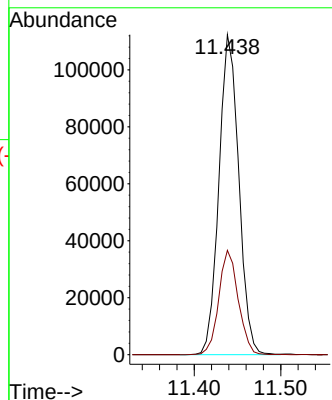
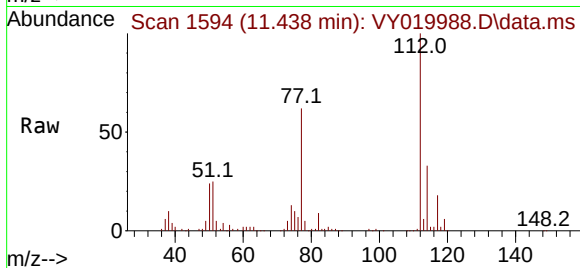




#65
Chlorobenzene
Concen: 21.673 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

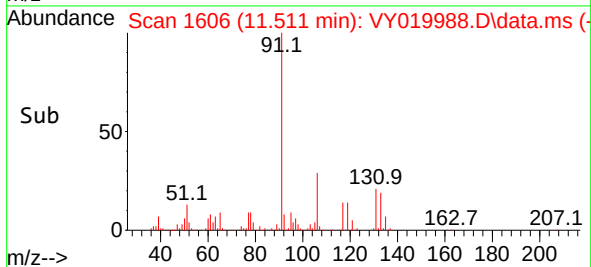
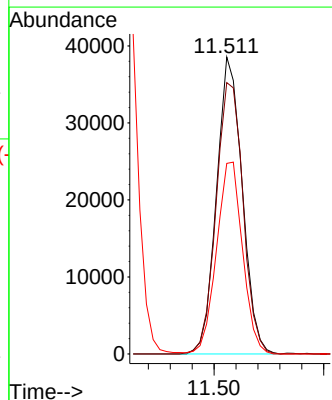
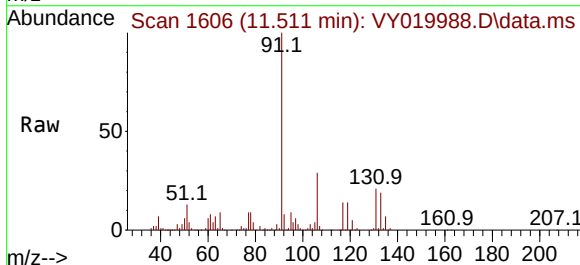
Instrument :
MSVOA_Y
ClientSampleId :

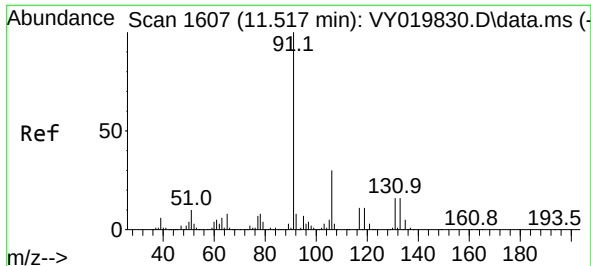
Tgt Ion:112 Resp: 179045
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.480 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion:131 Resp: 62832
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.3
119 65.5 34.1 102.2





#67

Ethyl Benzene

Concen: 21.566 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

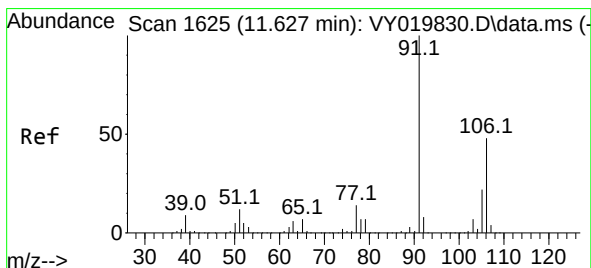
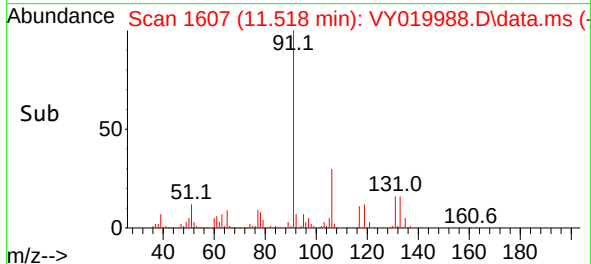
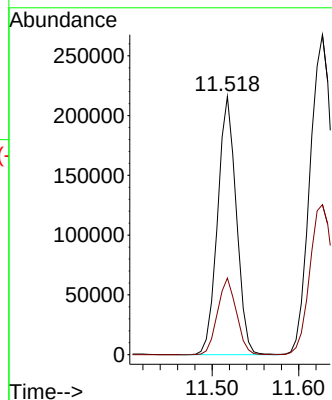
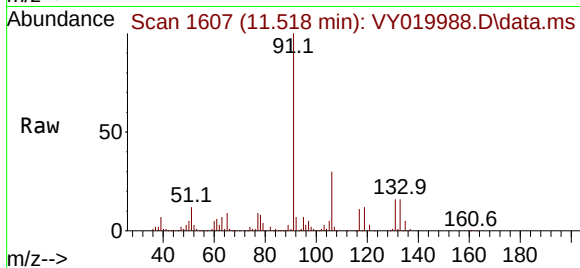
ClientSampleId :

Tgt Ion: 91 Resp: 323645

Ion Ratio Lower Upper

91 100

106 29.7 24.5 36.7



#68

m/p-Xylenes

Concen: 42.385 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019988.D

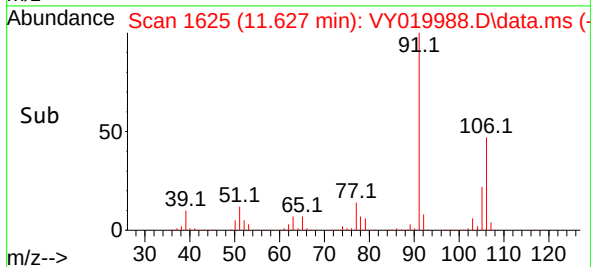
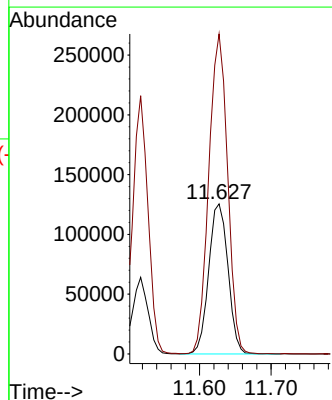
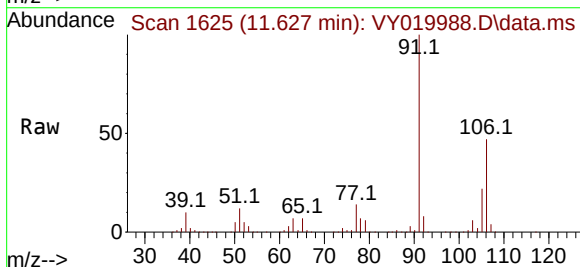
Acq: 23 Oct 2024 12:43

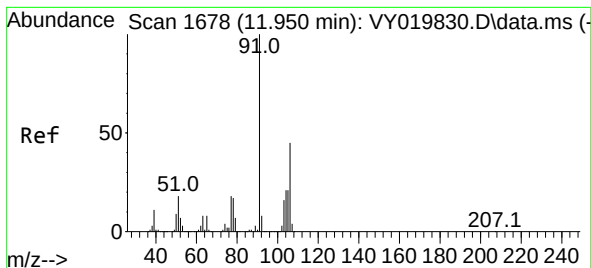
Tgt Ion:106 Resp: 234915

Ion Ratio Lower Upper

106 100

91 207.7 156.0 234.0





#69

o-Xylene

Concen: 21.377 ug/l

RT: 11.950 min Scan# 1678

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

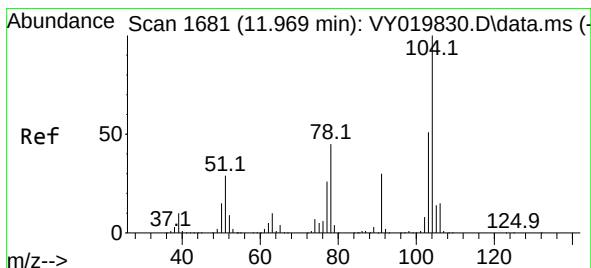
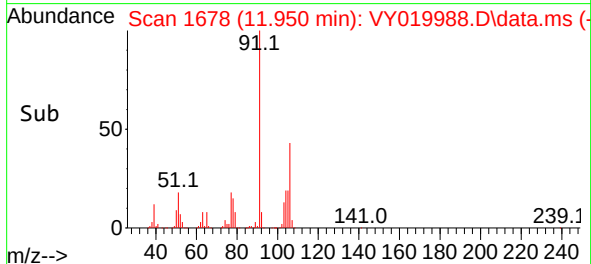
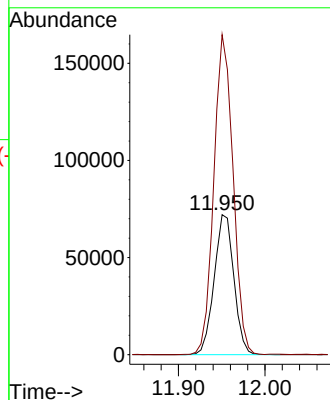
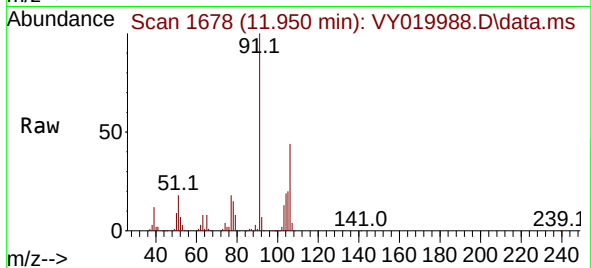
ClientSampleId :

Tgt Ion:106 Resp: 113837

Ion Ratio Lower Upper

106 100

91 223.3 103.6 310.8



#70

Styrene

Concen: 21.644 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

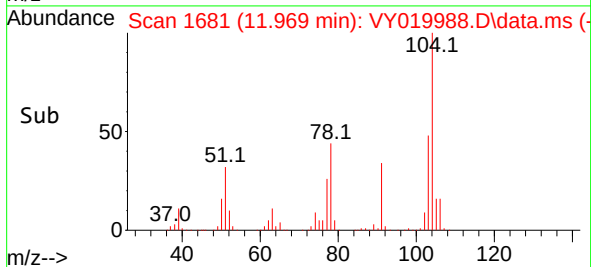
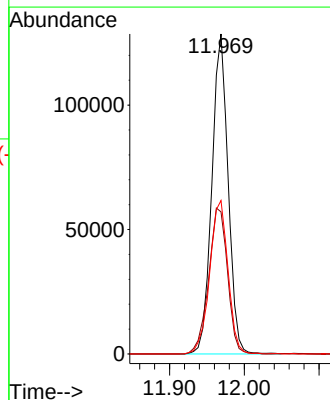
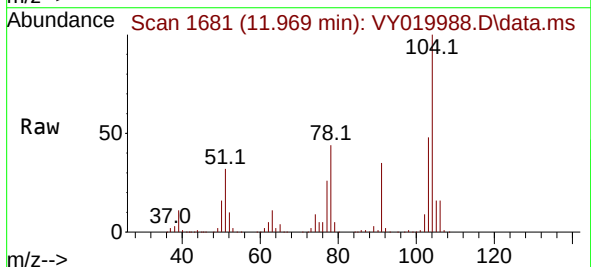
Tgt Ion:104 Resp: 194454

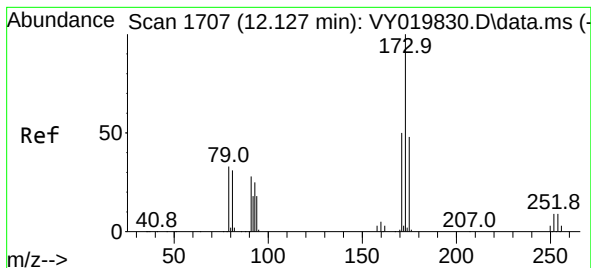
Ion Ratio Lower Upper

104 100

78 53.0 37.0 55.4

103 53.8 44.2 66.2





#71

Bromoform

Concen: 21.700 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019988.D

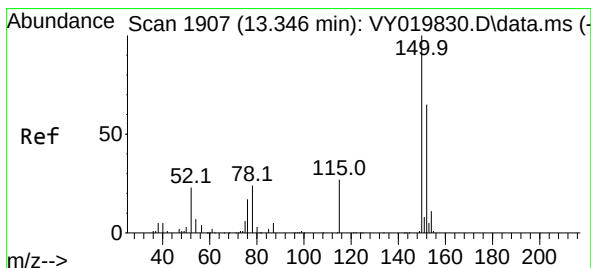
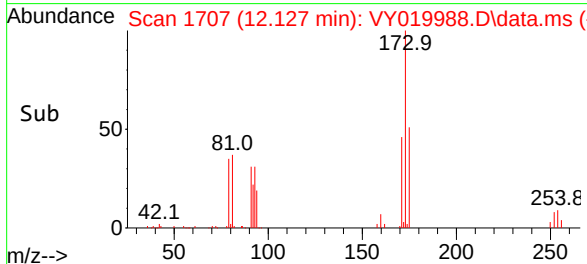
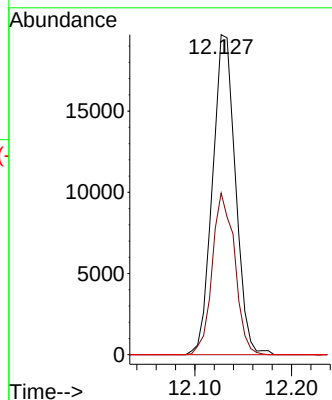
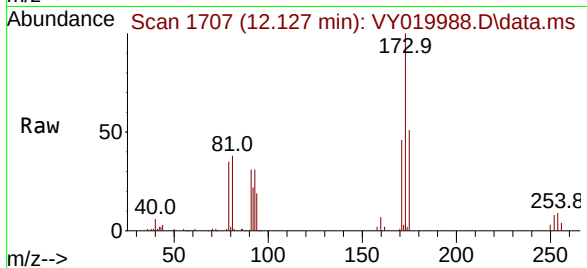
Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	32470
Ion Ratio	Lower	Upper	
173	100		
175	49.4	25.1	75.3
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

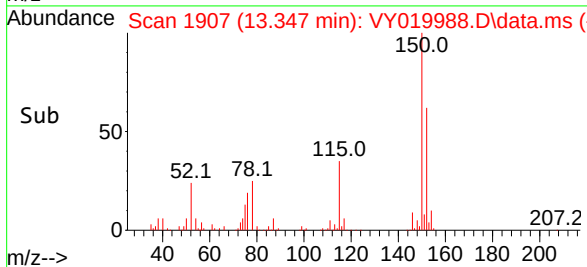
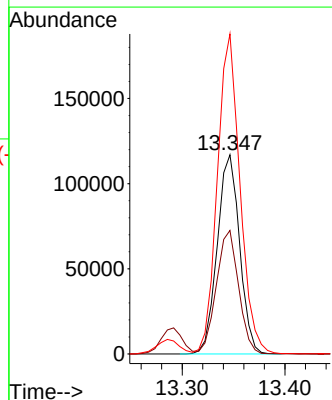
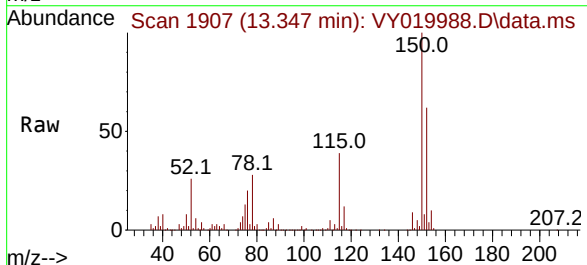
RT: 13.347 min Scan# 1907

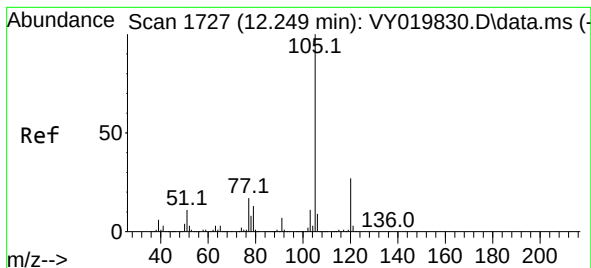
Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Tgt Ion:	152	Resp:	176333
Ion Ratio	Lower	Upper	
152	100		
115	61.8	28.2	84.7
150	162.7	0.0	345.6





#73

Isopropylbenzene

Concen: 21.049 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

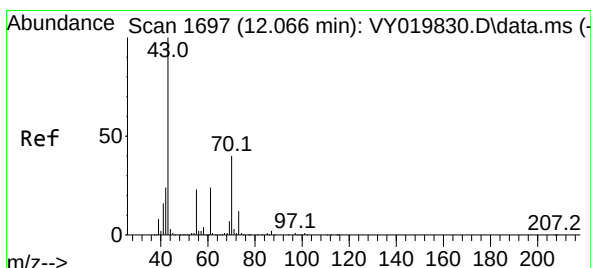
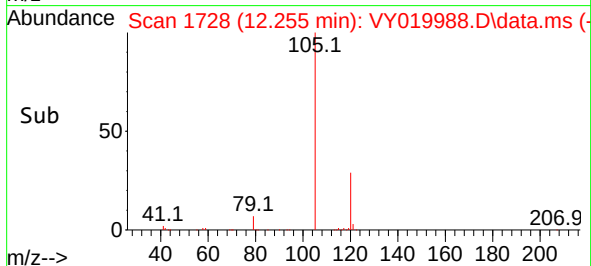
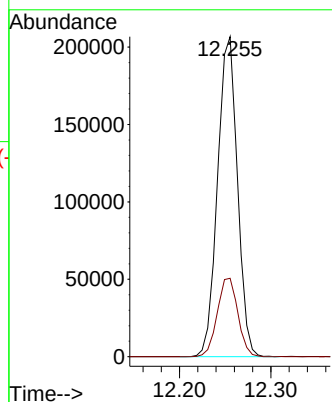
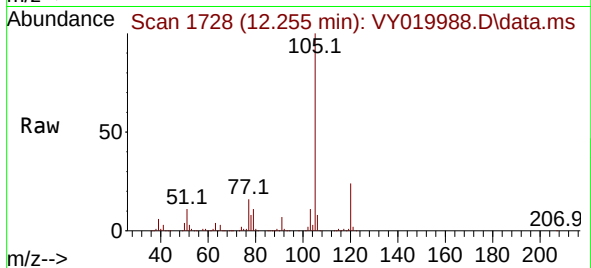
ClientSampleId :

Tgt Ion:105 Resp: 312193

Ion Ratio Lower Upper

105 100

120 25.4 13.4 40.1



#74

N-amy1 acetate

Concen: 21.717 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Tgt Ion: 43 Resp: 85311

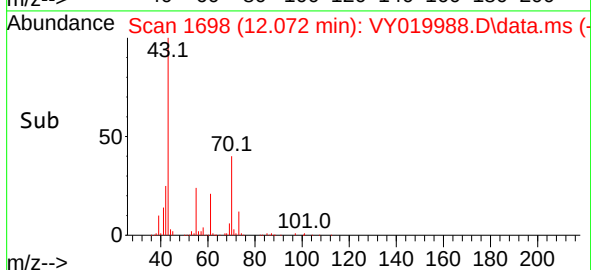
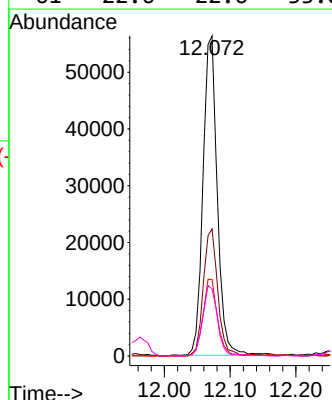
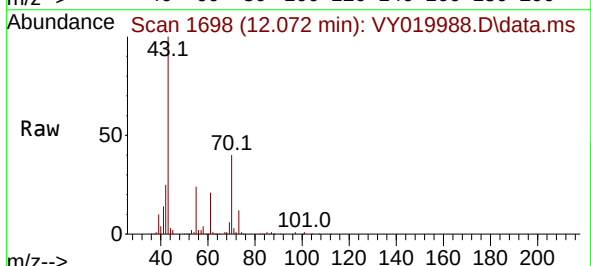
Ion Ratio Lower Upper

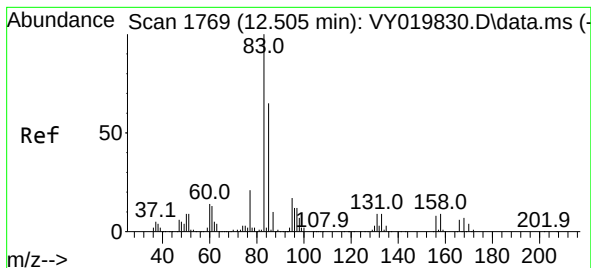
43 100

70 40.0 41.4 62.2#

55 24.3 23.3 34.9

61 22.6 22.6 33.8

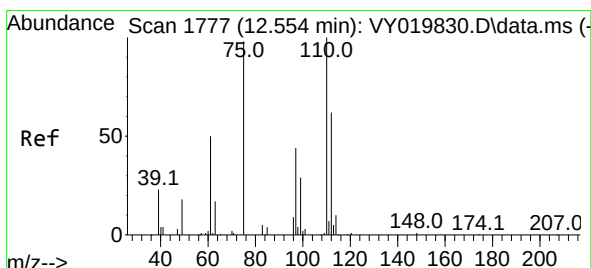
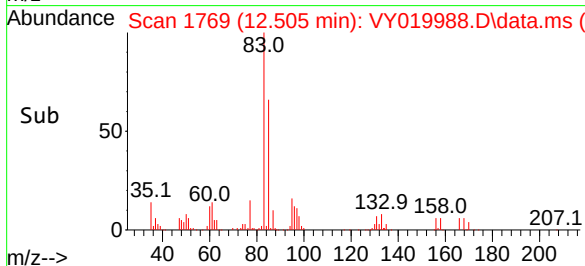
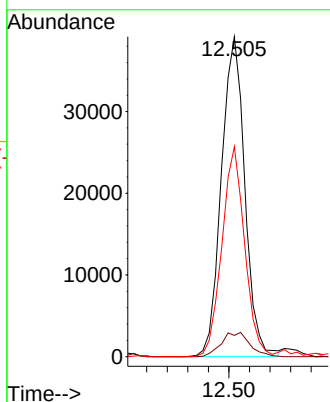
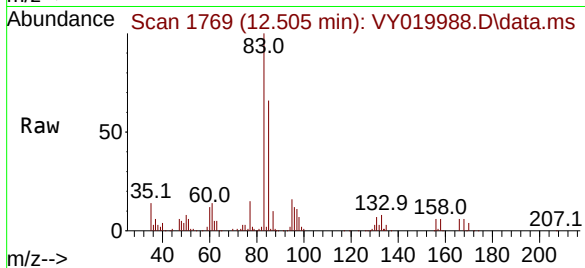




#75
1,1,2,2-Tetrachloroethane
Concen: 23.514 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

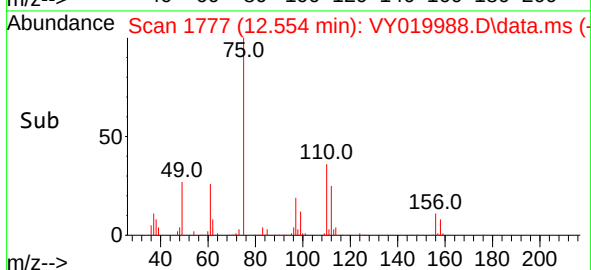
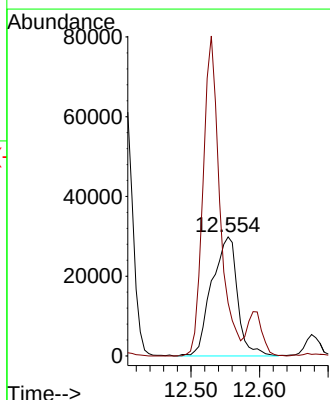
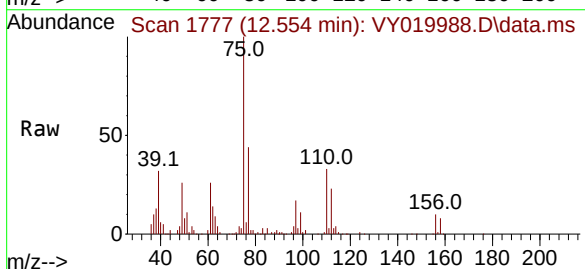
Instrument :
MSVOA_Y
ClientSampleId :

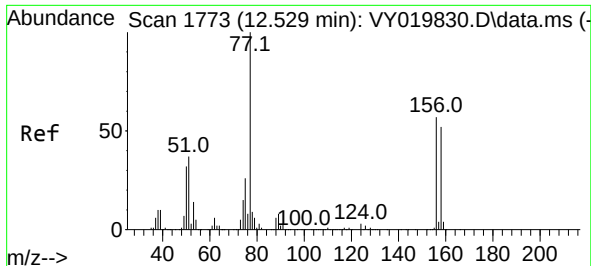
Tgt Ion: 83 Resp: 61971
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 22.578 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 75 Resp: 77992
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

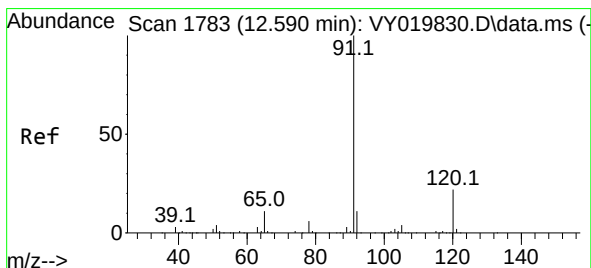
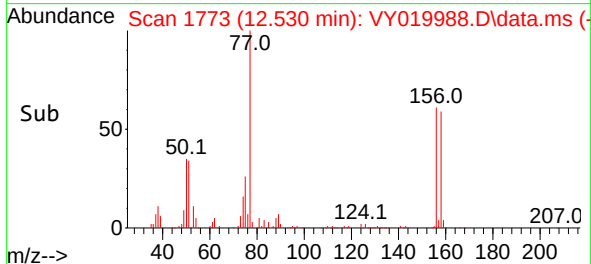
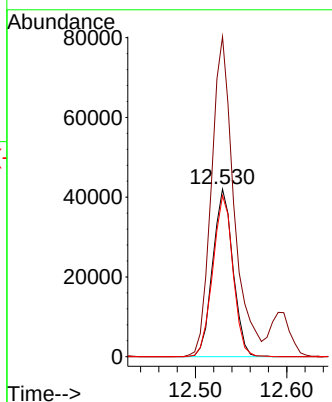
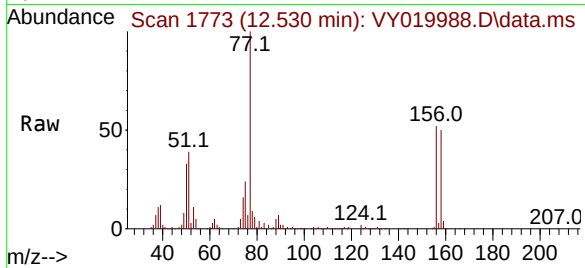




#77
Bromobenzene
Concen: 20.551 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

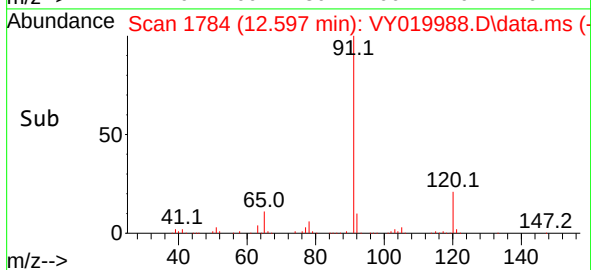
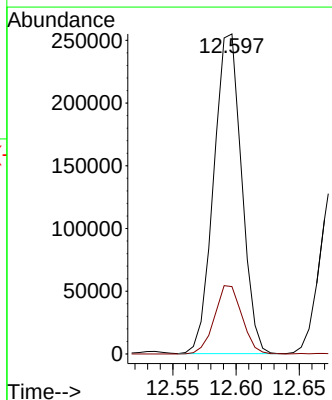
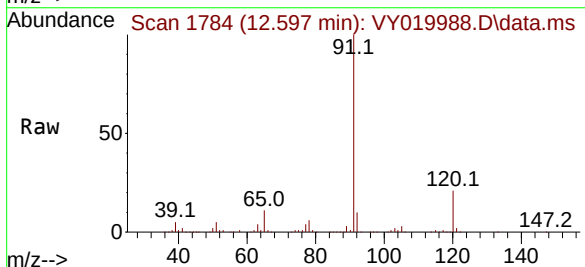
Instrument :
MSVOA_Y
ClientSampleId :

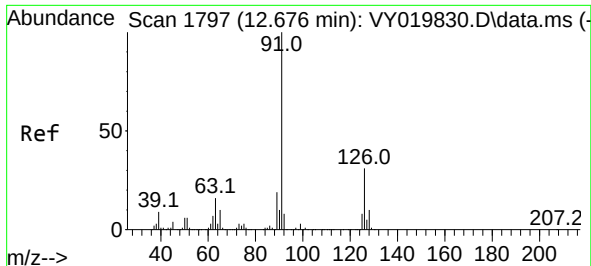
Tgt Ion:156 Resp: 64681
Ion Ratio Lower Upper
156 100
77 212.5 87.1 261.3
158 95.7 48.6 145.9



#78
n-propylbenzene
Concen: 21.776 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 91 Resp: 390262
Ion Ratio Lower Upper
91 100
120 21.1 11.5 34.4

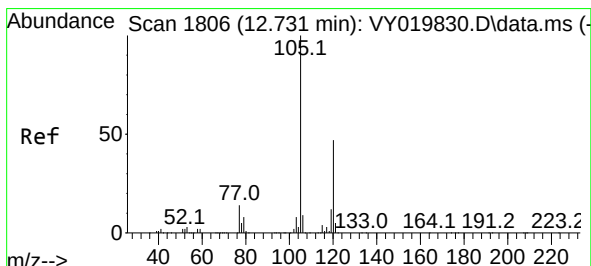
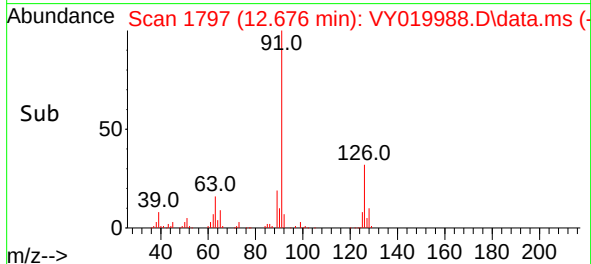
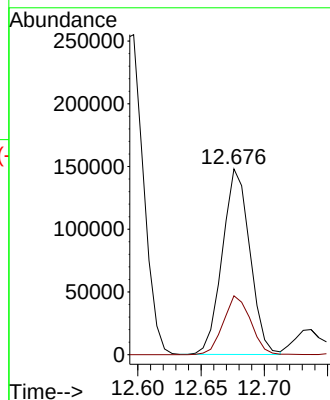
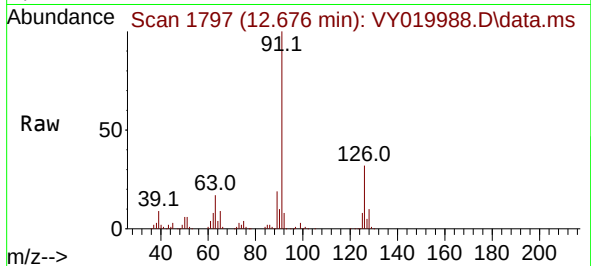




#79
2-Chlorotoluene
Concen: 21.847 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

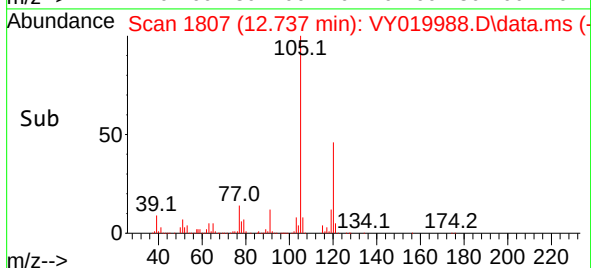
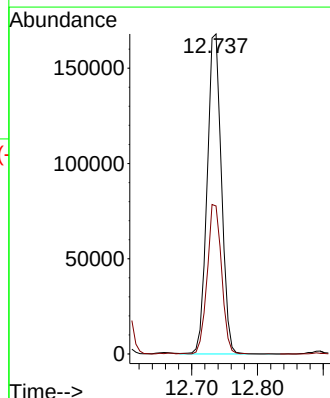
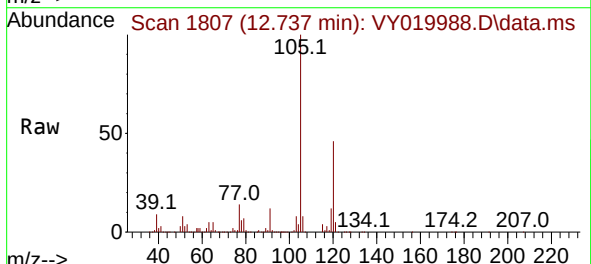
Instrument :
MSVOA_Y
ClientSampleId :

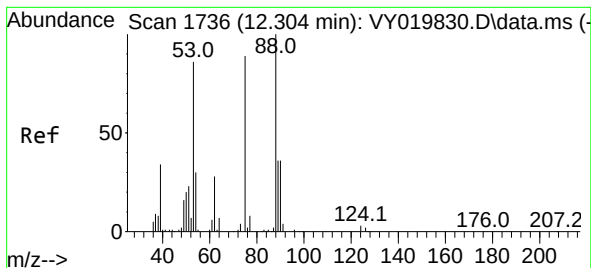
Tgt Ion: 91 Resp: 224471
Ion Ratio Lower Upper
91 100
126 31.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 21.167 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

Tgt Ion: 105 Resp: 253541
Ion Ratio Lower Upper
105 100
120 47.0 25.1 75.2

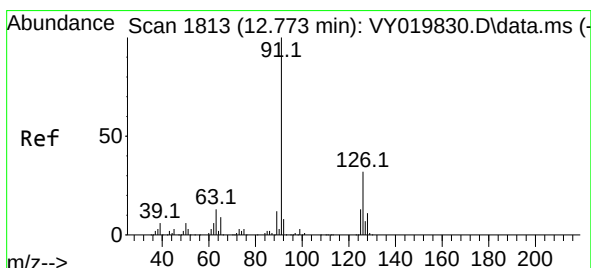
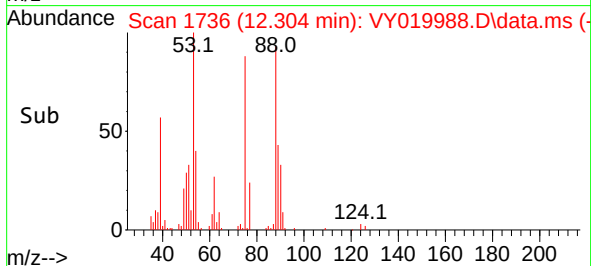
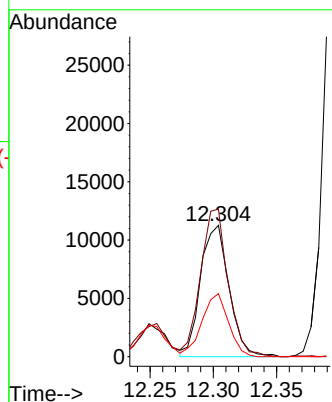
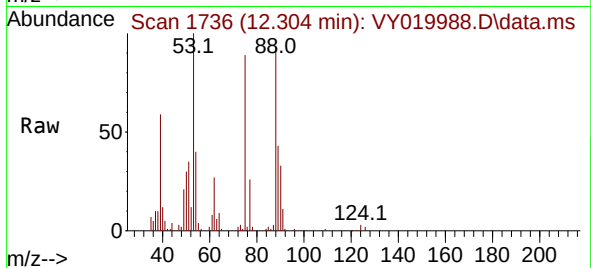




#81
trans-1,4-Dichloro-2-butene
Concen: 20.625 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

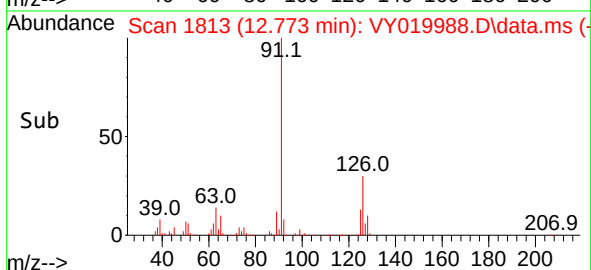
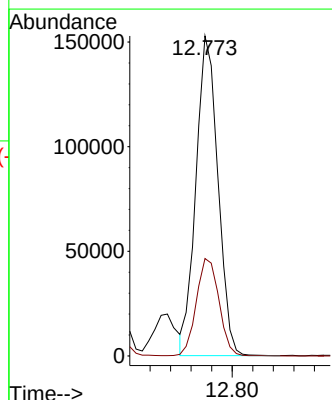
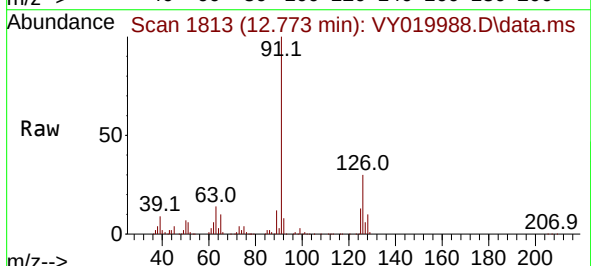
Instrument :
MSVOA_Y
ClientSampleId :

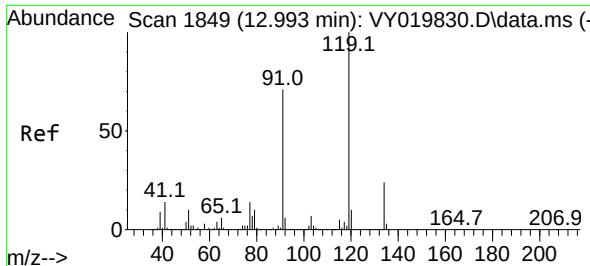
Tgt Ion: 75 Resp: 17651
Ion Ratio Lower Upper
75 100
53 108.6 66.8 100.2#
89 44.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.651 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

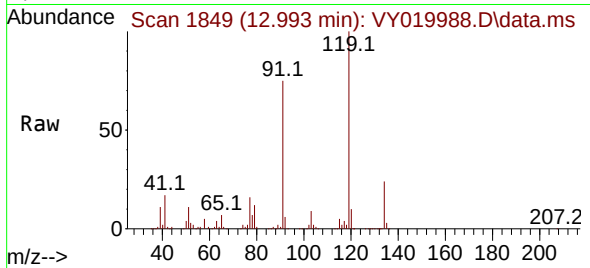
Tgt Ion: 91 Resp: 227461
Ion Ratio Lower Upper
91 100
126 31.5 17.6 52.9





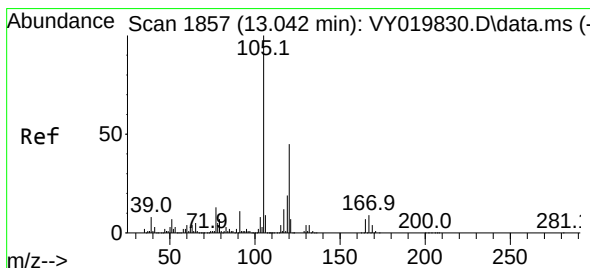
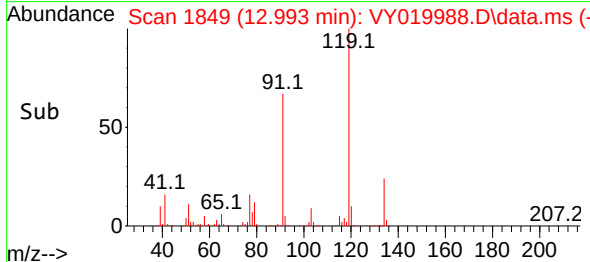
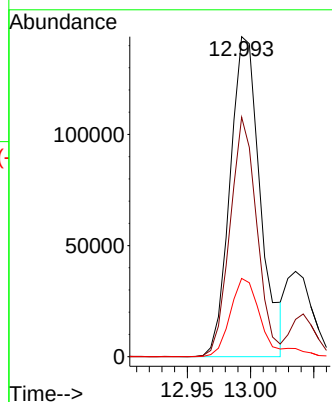
#83
 tert-Butylbenzene
 Concen: 22.311 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:119 Resp: 239409

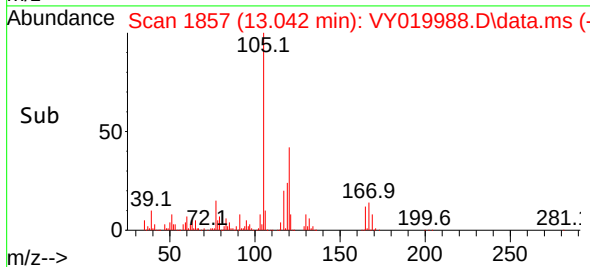
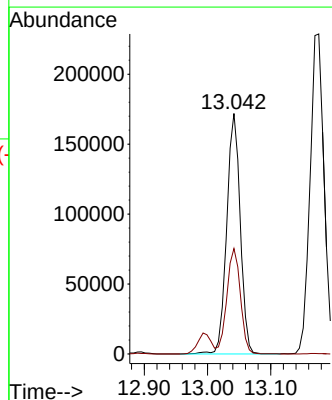
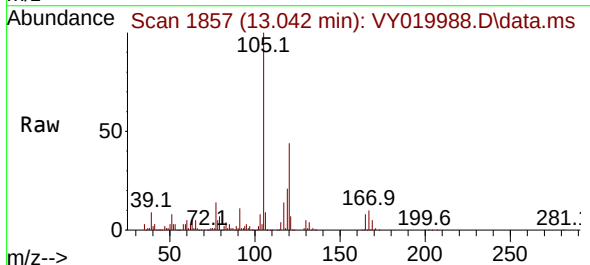
Ion	Ratio	Lower	Upper
119	100		
91	66.7	31.3	93.8
134	25.4	13.4	40.1

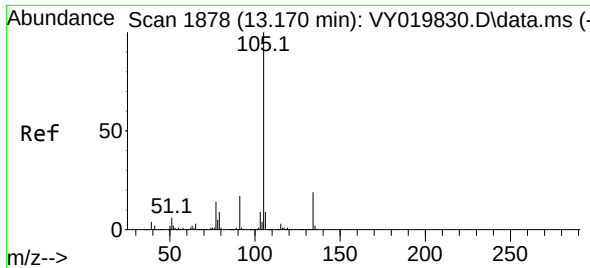


#84
 1,2,4-Trimethylbenzene
 Concen: 21.410 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. -0.006 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Tgt Ion:105 Resp: 254258

Ion	Ratio	Lower	Upper
105	100		
120	44.1	23.2	69.6

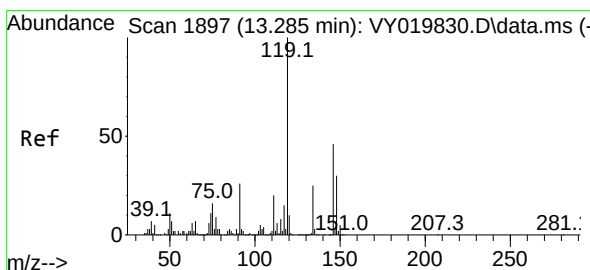
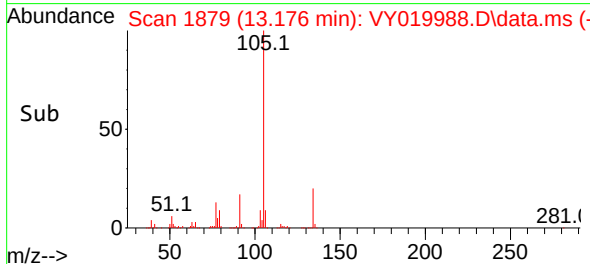
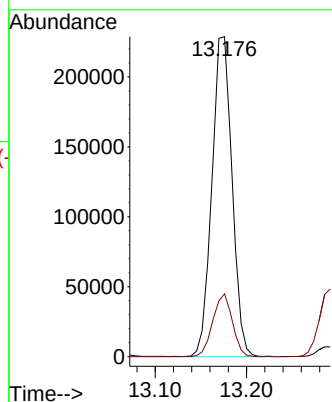
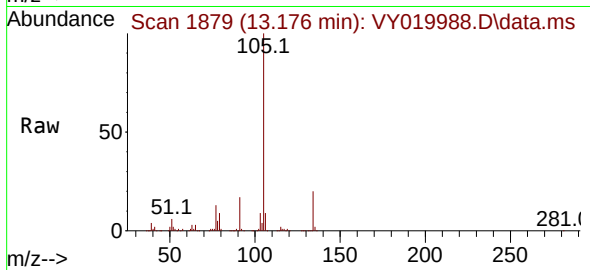




#85
 sec-Butylbenzene
 Concen: 21.843 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

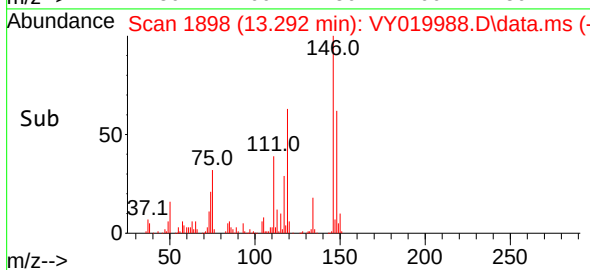
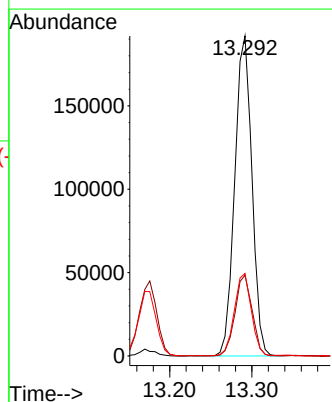
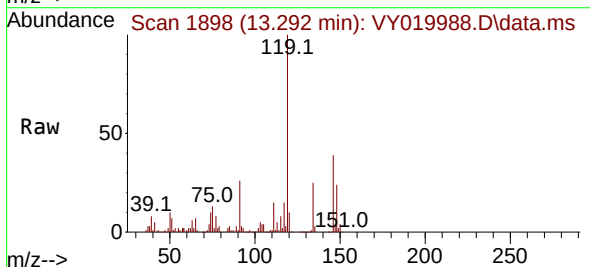
Instrument :
 MSVOA_Y
 ClientSampleId :

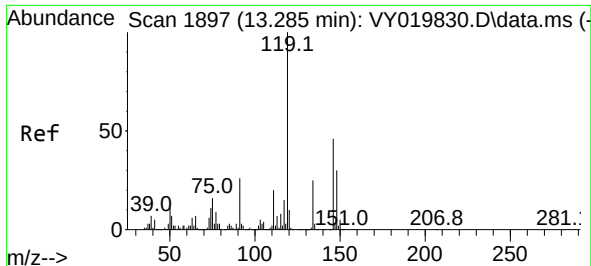
Tgt Ion:105 Resp: 350198
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 21.445 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019988.D
 Acq: 23 Oct 2024 12:43

Tgt Ion:119 Resp: 279184
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.1 39.3
 91 25.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.193 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

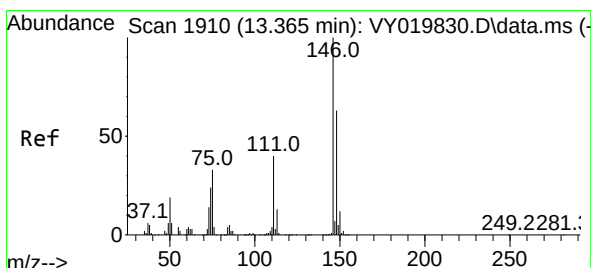
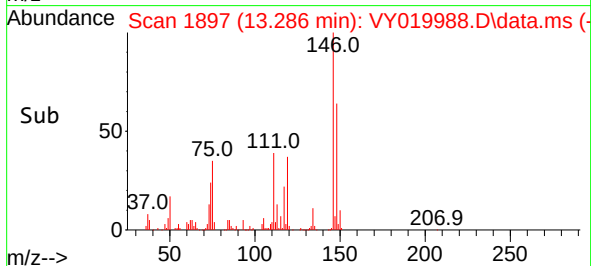
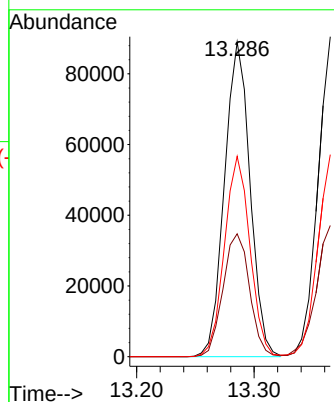
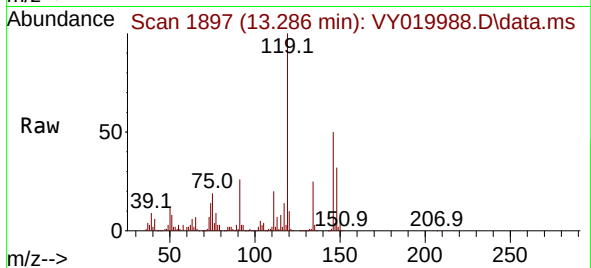
Tgt Ion:146 Resp: 134704

Ion Ratio Lower Upper

146 100

111 40.6 19.0 57.0

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.304 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

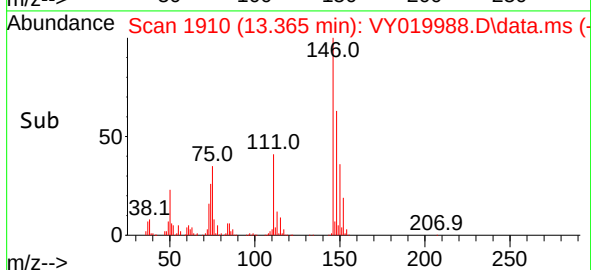
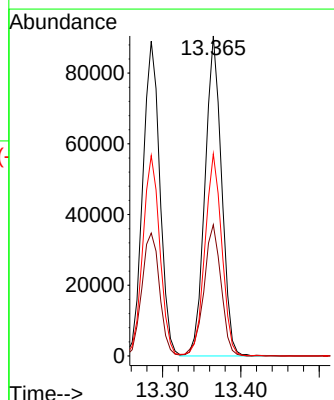
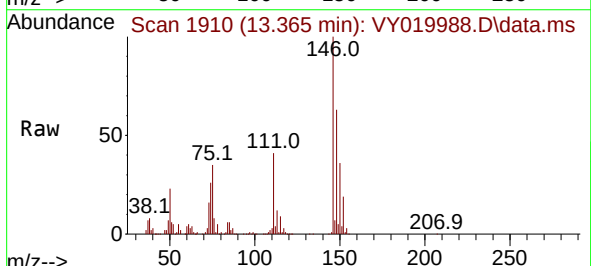
Tgt Ion:146 Resp: 133026

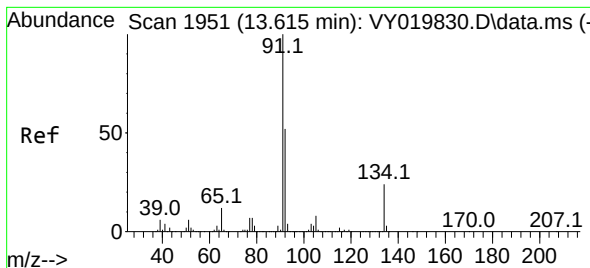
Ion Ratio Lower Upper

146 100

111 42.4 18.4 55.4

148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 22.211 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

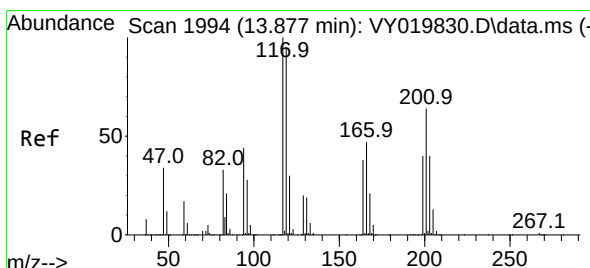
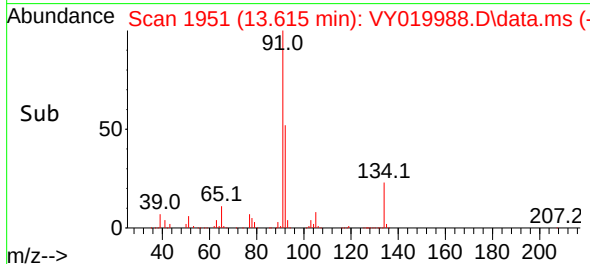
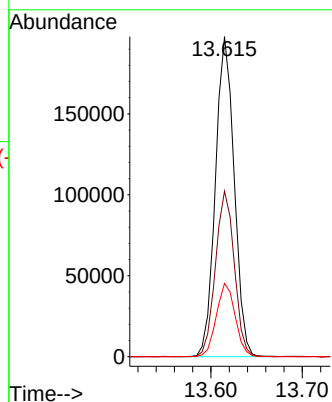
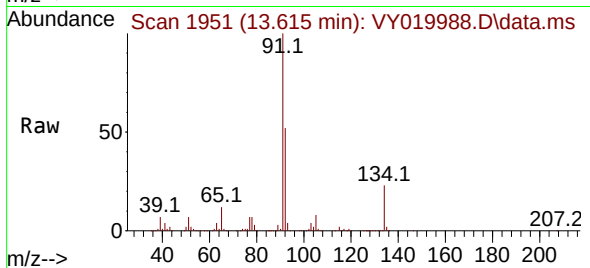
Tgt Ion: 91 Resp: 282343

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 23.1 12.9 38.7



#90

Hexachloroethane

Concen: 21.614 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019988.D

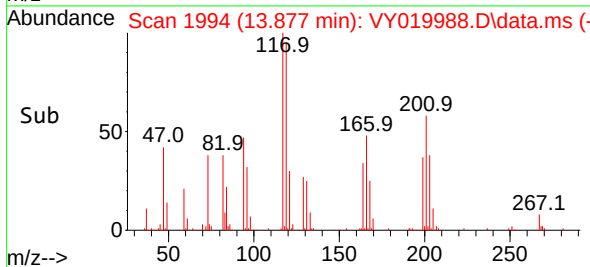
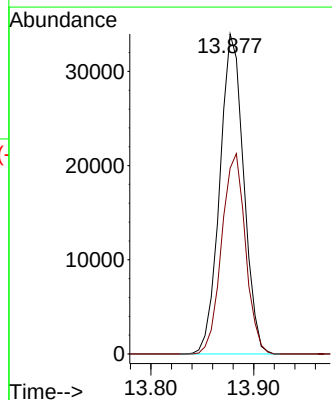
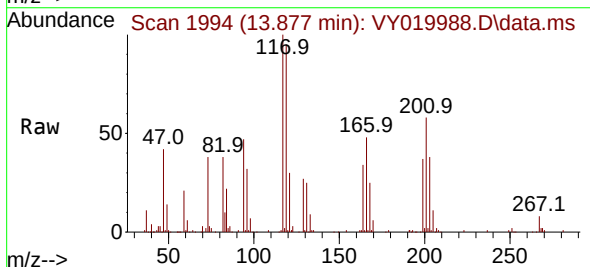
Acq: 23 Oct 2024 12:43

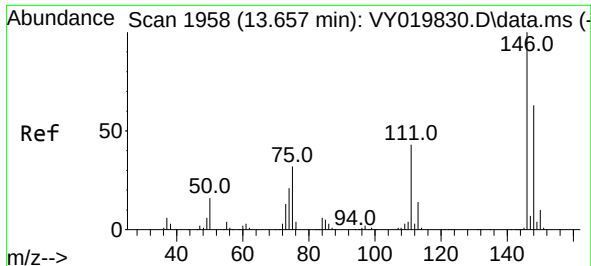
Tgt Ion: 117 Resp: 54792

Ion Ratio Lower Upper

117 100

201 62.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.257 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

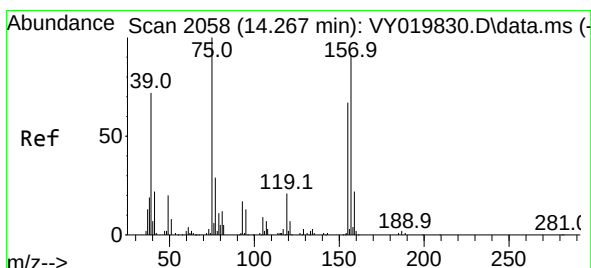
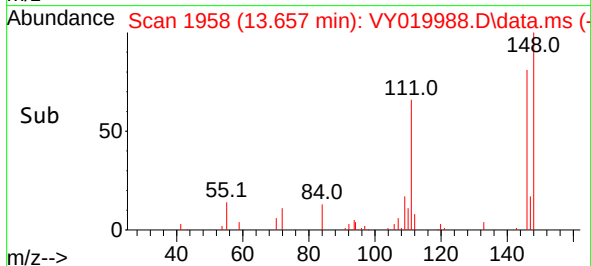
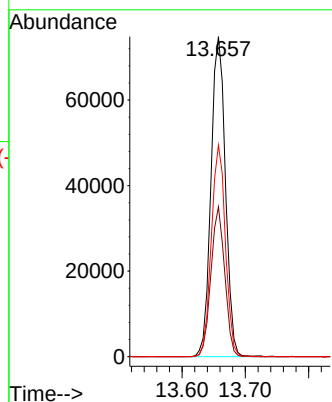
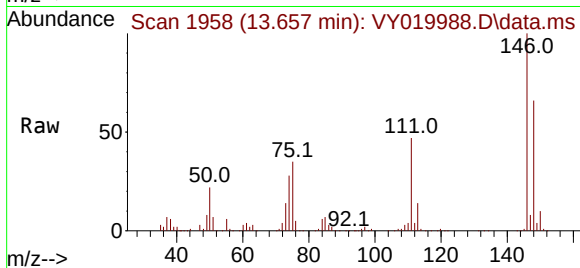
Tgt Ion:146 Resp: 118715

Ion Ratio Lower Upper

146 100

111 44.8 19.9 59.7

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.487 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

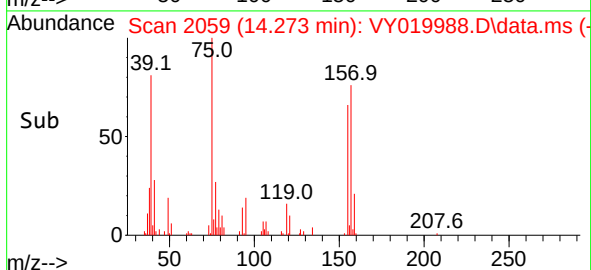
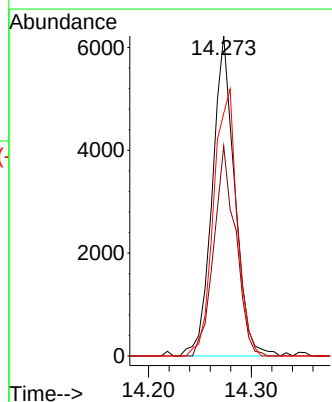
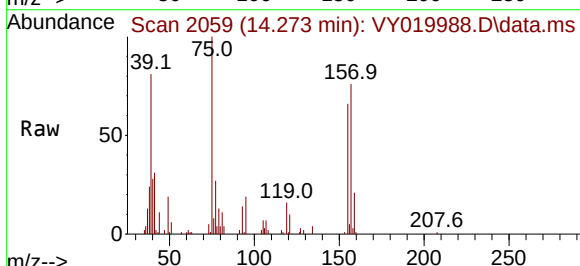
Tgt Ion: 75 Resp: 9458

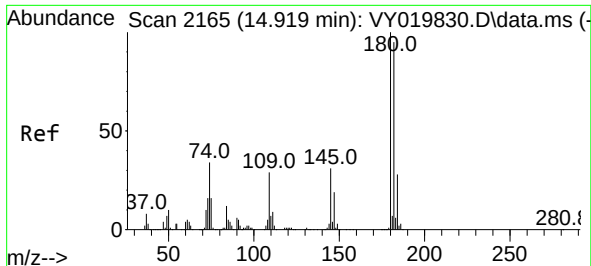
Ion Ratio Lower Upper

75 100

155 63.7 48.6 145.8

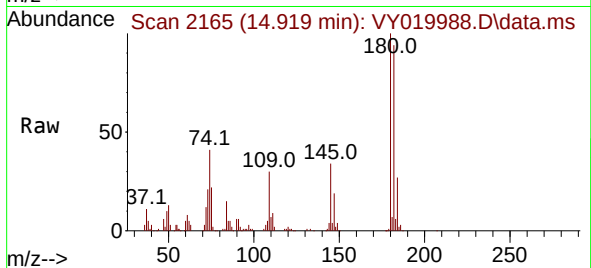
157 86.3 62.7 188.2



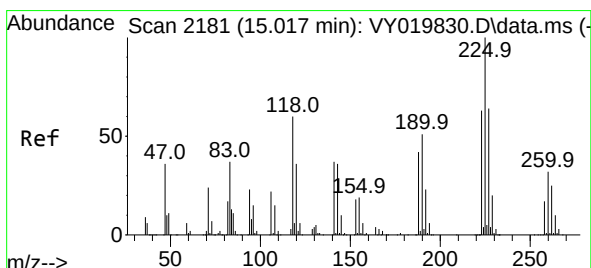
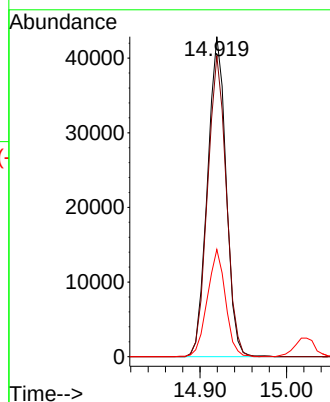
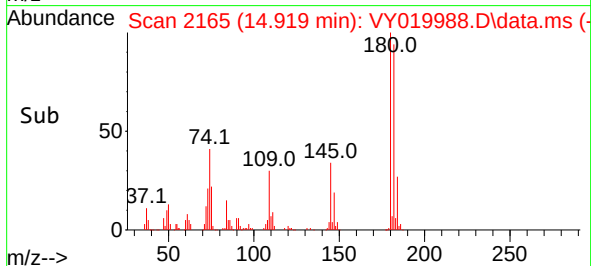


#93
1,2,4-Trichlorobenzene
Concen: 20.437 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43

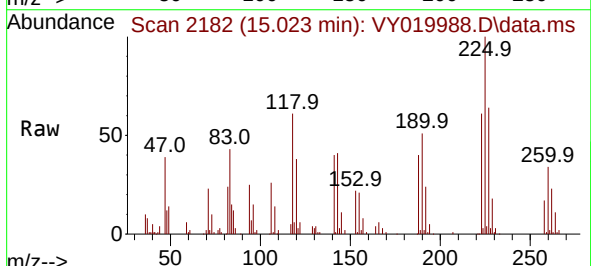
Instrument :
MSVOA_Y
ClientSampleId :



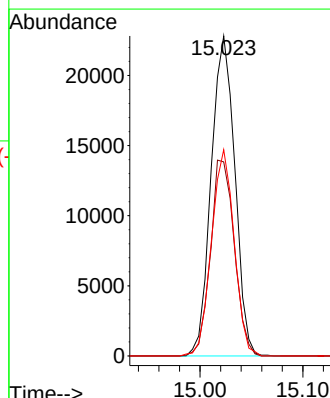
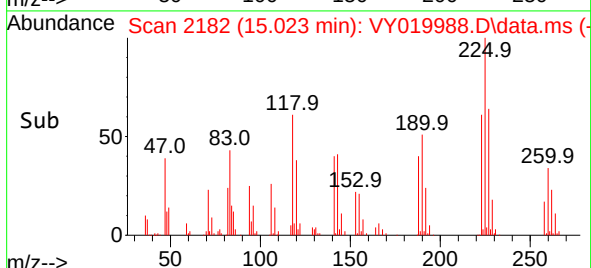
Tgt Ion:180 Resp: 64001
Ion Ratio Lower Upper
180 100
182 94.7 47.9 143.8
145 32.7 14.2 42.6

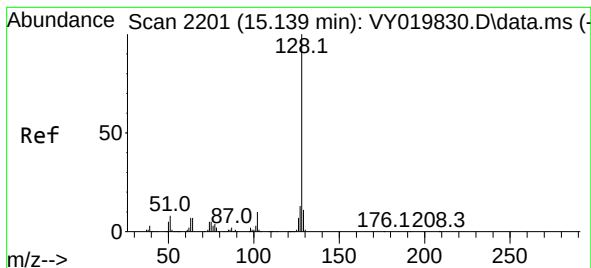


#94
Hexachlorobutadiene
Concen: 20.928 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VY019988.D
Acq: 23 Oct 2024 12:43



Tgt Ion:225 Resp: 36436
Ion Ratio Lower Upper
225 100
223 61.8 30.4 91.2
227 61.8 31.9 95.9





#95

Naphthalene

Concen: 20.957 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Instrument :

MSVOA_Y

ClientSampleId :

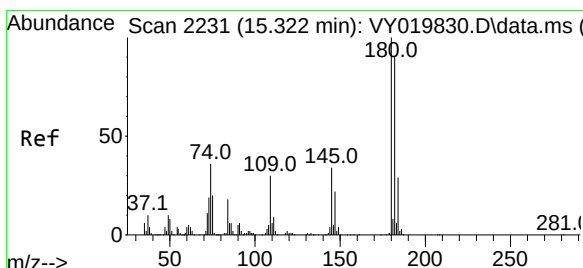
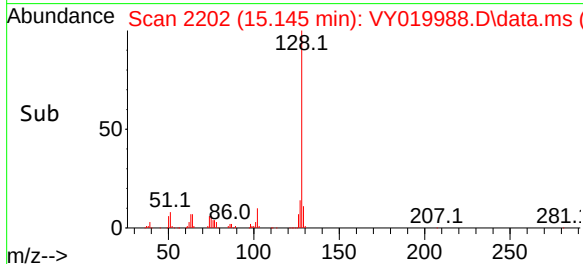
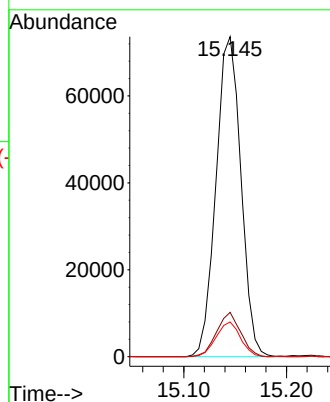
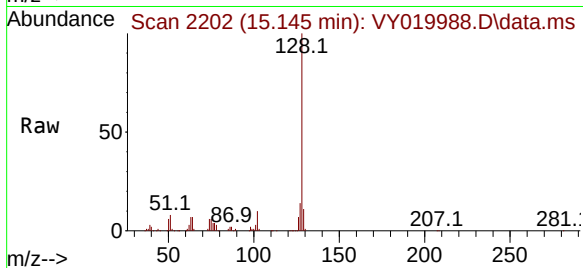
Tgt Ion:128 Resp: 123781

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.676 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019988.D

Acq: 23 Oct 2024 12:43

Tgt Ion:180 Resp: 54734

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 32.7 15.4 46.1

