

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102124\
 Data File : VY019956.D
 Acq On : 21 Oct 2024 11:52
 Operator : SY/MD
 Sample : VY1021SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 21 23:29:52 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	243335	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	425439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	356694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	174803	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	141039	47.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.140%
35) Dibromofluoromethane	7.634	113	136348	48.567	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.140%
50) Toluene-d8	10.103	98	503487	48.564	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.120%
62) 4-Bromofluorobenzene	12.402	95	178550	47.663	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	95.320%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	38698	17.083	ug/l	99
3) Chloromethane	2.074	50	52899	17.942	ug/l	97
4) Vinyl Chloride	2.208	62	59096	18.215	ug/l	97
5) Bromomethane	2.592	94	39909	19.434	ug/l	96
6) Chloroethane	2.739	64	41853	19.202	ug/l	97
7) Trichlorofluoromethane	3.056	101	92507	19.162	ug/l	91
8) Diethyl Ether	3.458	74	26035	17.745	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.824	101	55603	19.801	ug/l	92
10) Methyl Iodide	4.007	142	43756	15.407	ug/l #	89
11) Tert butyl alcohol	4.860	59	28551	107.624	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	45892	17.580	ug/l #	78
13) Acrolein	3.653	56	16388	74.437	ug/l	92
14) Allyl chloride	4.385	41	86619	18.390	ug/l #	90
15) Acrylonitrile	5.061	53	65065	96.954	ug/l	98
16) Acetone	3.873	43	81128	104.017	ug/l #	86
17) Carbon Disulfide	4.104	76	91922	13.137	ug/l	98
18) Methyl Acetate	4.385	43	30437	18.116	ug/l #	88
19) Methyl tert-butyl Ether	5.116	73	136812	18.242	ug/l	97
20) Methylene Chloride	4.616	84	54904	18.544	ug/l #	78
21) trans-1,2-Dichloroethene	5.116	96	51019	17.957	ug/l	88
22) Diisopropyl ether	6.019	45	207650	20.240	ug/l #	89
23) Vinyl Acetate	5.964	43	553934	94.181	ug/l #	89
24) 1,1-Dichloroethane	5.915	63	111086	19.478	ug/l	95
25) 2-Butanone	6.896	43	108194	103.635	ug/l #	83
26) 2,2-Dichloropropane	6.884	77	98645	19.422	ug/l	93
27) cis-1,2-Dichloroethene	6.896	96	64928	18.492	ug/l	78
28) Bromochloromethane	7.244	49	47744	19.020	ug/l #	72
29) Tetrahydrofuran	7.262	42	56072	94.066	ug/l #	81
30) Chloroform	7.421	83	115854	19.928	ug/l	98
31) Cyclohexane	7.707	56	87359	17.450	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	99990	19.626	ug/l #	94
36) 1,1-Dichloropropene	7.835	75	76008	18.792	ug/l	95
37) Ethyl Acetate	6.982	43	42674	20.234	ug/l #	94
38) Carbon Tetrachloride	7.817	117	81152	18.716	ug/l	96
39) Methylcyclohexane	9.110	83	89802	17.621	ug/l #	87
40) Benzene	8.079	78	233894	19.108	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	23796	20.847	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	67582	19.218	ug/l	94
43) Isopropyl Acetate	8.201	43	78842	18.331	ug/l #	78
44) Trichloroethene	8.866	130	54372	18.340	ug/l	89
45) 1,2-Dichloropropane	9.140	63	60103	19.617	ug/l	99
46) Dibromomethane	9.231	93	31647	18.906	ug/l	88
47) Bromodichloromethane	9.420	83	88915	20.012	ug/l #	99
48) Methyl methacrylate	9.219	41	35893	18.971	ug/l #	81
49) 1,4-Dioxane	9.231	88	6961	371.553	ug/l #	84
51) 4-Methyl-2-Pentanone	10.000	43	212283	96.763	ug/l	88
52) Toluene	10.170	92	146748	19.206	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	72068	18.027	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	87199	18.486	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	41595	18.861	ug/l	95
56) Ethyl methacrylate	10.439	69	56856	17.967	ug/l #	72
57) 1,3-Dichloropropane	10.713	76	74931	19.347	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	143977	97.732	ug/l	94
59) 2-Hexanone	10.762	43	157619	100.592	ug/l	84
60) Dibromochloromethane	10.908	129	54670	19.314	ug/l	98
61) 1,2-Dibromoethane	11.012	107	37575	18.854	ug/l	95
64) Tetrachloroethene	10.646	164	46075	18.160	ug/l	93
65) Chlorobenzene	11.438	112	158919	19.479	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.512	131	54648	19.798	ug/l	97
67) Ethyl Benzene	11.518	91	290468	19.600	ug/l	97
68) m/p-Xylenes	11.627	106	213047	38.924	ug/l	92
69) o-Xylene	11.950	106	99554	18.931	ug/l	90
70) Styrene	11.969	104	172605	19.454	ug/l	95
71) Bromoform	12.133	173	27977	18.933	ug/l #	98
73) Isopropylbenzene	12.255	105	284138	19.325	ug/l	98
74) N-amyl acetate	12.066	43	71925	18.469	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	51560	19.735	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	63111	18.430	ug/l #	100
77) Bromobenzene	12.530	156	56679	18.166	ug/l	82
78) n-propylbenzene	12.591	91	356566	20.070	ug/l	97
79) 2-Chlorotoluene	12.676	91	199011	19.539	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	228302	19.227	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.298	75	14848	17.502	ug/l #	79
82) 4-Chlorotoluene	12.773	91	204214	19.609	ug/l	93
83) tert-Butylbenzene	12.993	119	216765	20.378	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	225309	19.138	ug/l	94
85) sec-Butylbenzene	13.176	105	317054	19.949	ug/l	97
86) p-Isopropyltoluene	13.292	119	256820	19.900	ug/l	95
87) 1,3-Dichlorobenzene	13.286	146	121218	19.238	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	118253	19.104	ug/l	95
89) n-Butylbenzene	13.615	91	259272	20.574	ug/l	97
90) Hexachloroethane	13.877	117	50360	20.040	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	105211	19.004	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7938	19.038	ug/l	72
93) 1,2,4-Trichlorobenzene	14.919	180	55086	17.744	ug/l	98
94) Hexachlorobutadiene	15.023	225	32094	18.595	ug/l	100
95) Naphthalene	15.145	128	95861	16.372	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	44766	17.059	ug/l	97

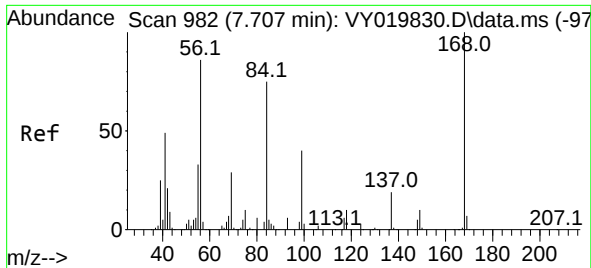
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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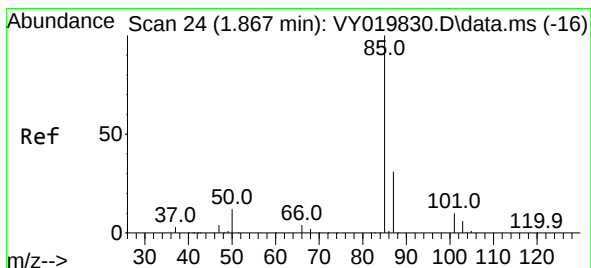
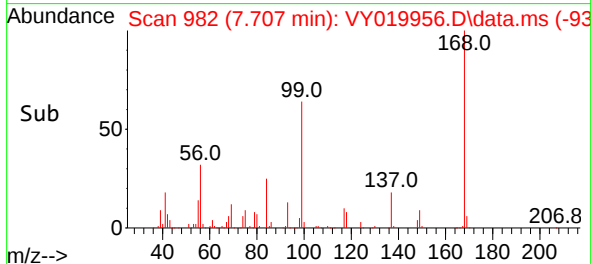
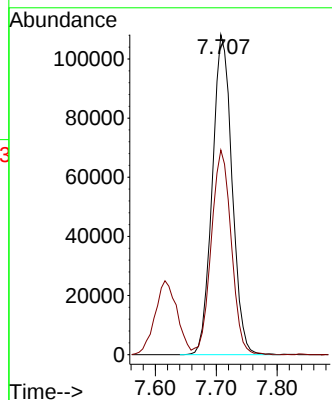
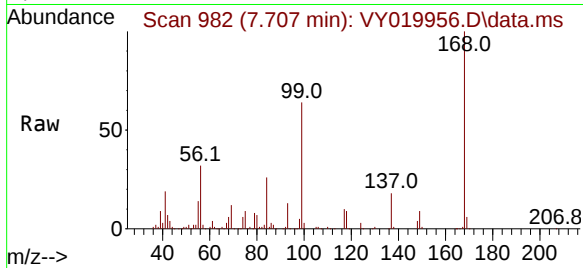
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019956.D
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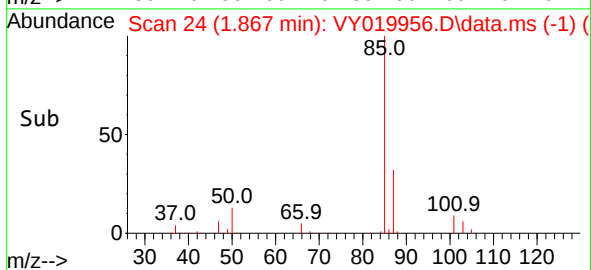
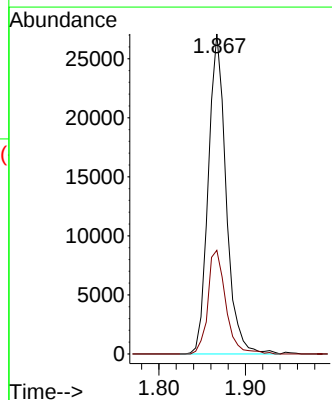
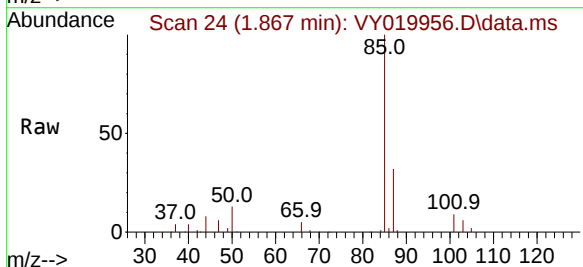
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 243335
Ion Ratio Lower Upper
168 100
99 63.9 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 17.083 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 85 Resp: 38698
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

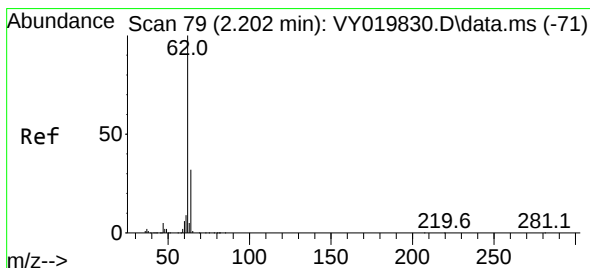
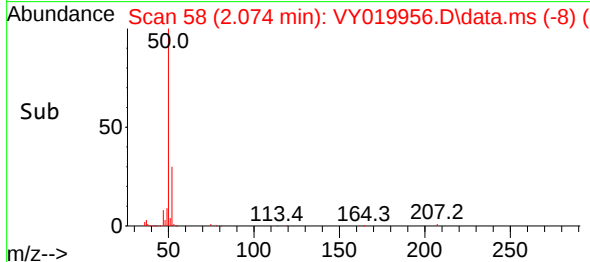
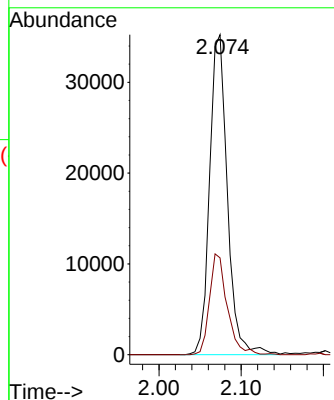
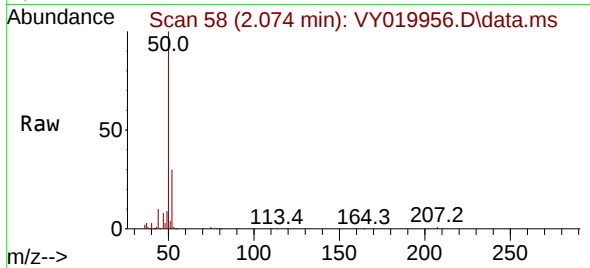




#3
Chloromethane
Concen: 17.942 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

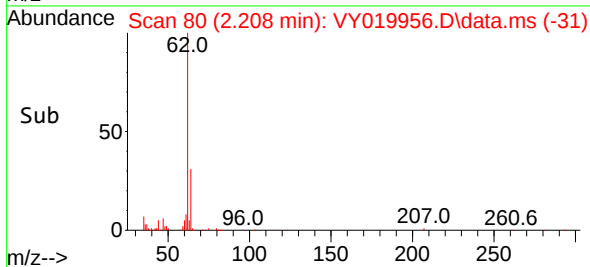
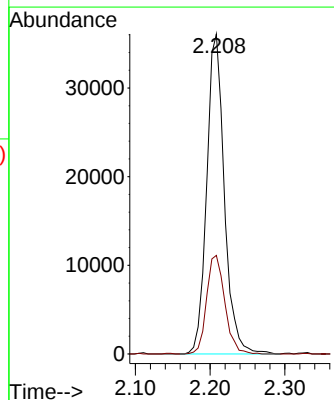
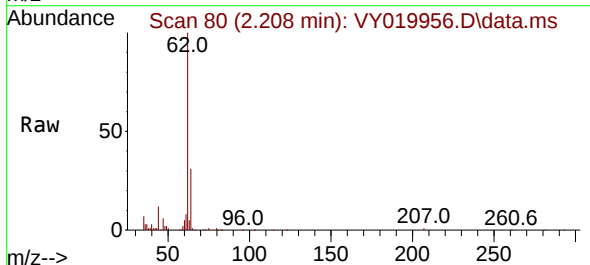
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ClientSampleId :

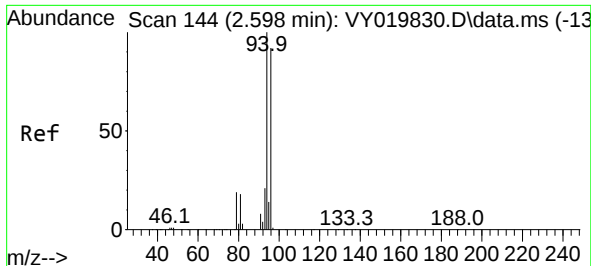
Tgt Ion: 50 Resp: 52899
Ion Ratio Lower Upper
50 100
52 30.2 25.6 38.4



#4
Vinyl Chloride
Concen: 18.215 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 62 Resp: 59096
Ion Ratio Lower Upper
62 100
64 30.8 26.1 39.1

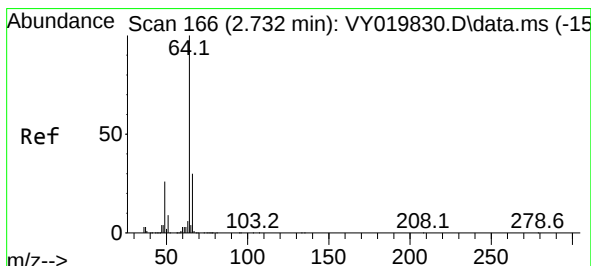
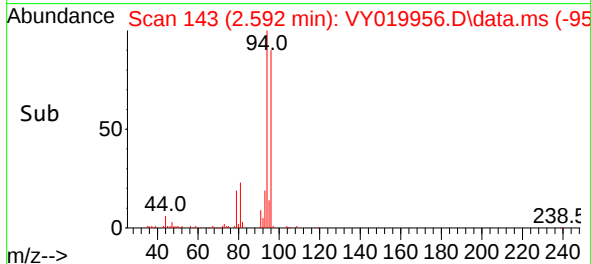
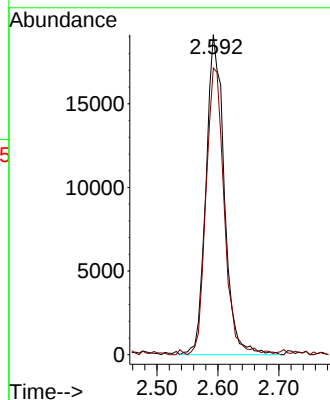
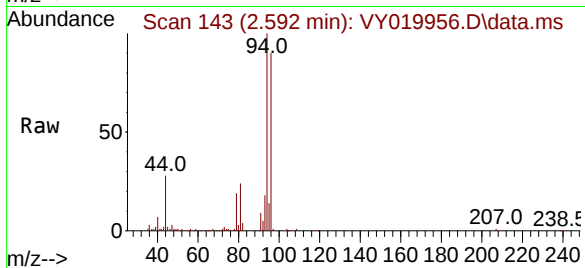




#5
Bromomethane
Concen: 19.434 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

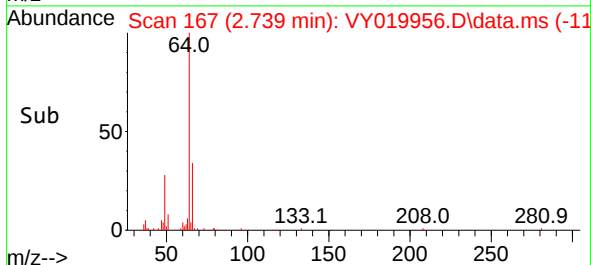
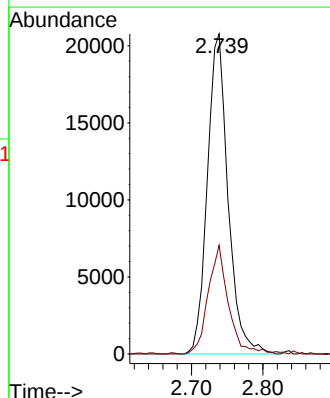
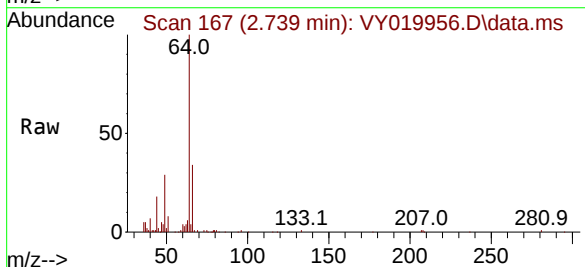
Instrument :
MSVOA_Y
ClientSampleId :

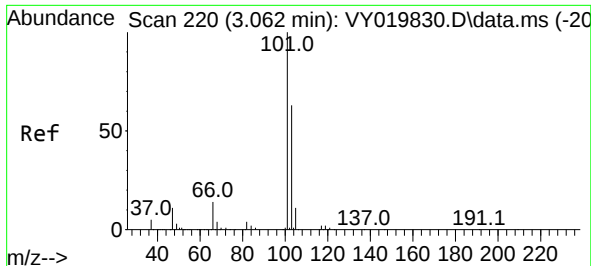
Tgt Ion: 94 Resp: 39909
Ion Ratio Lower Upper
94 100
96 88.7 74.1 111.1



#6
Chloroethane
Concen: 19.202 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

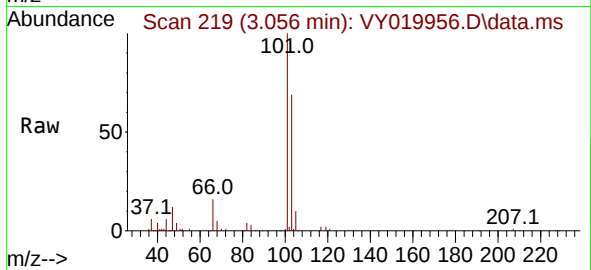
Tgt Ion: 64 Resp: 41853
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1



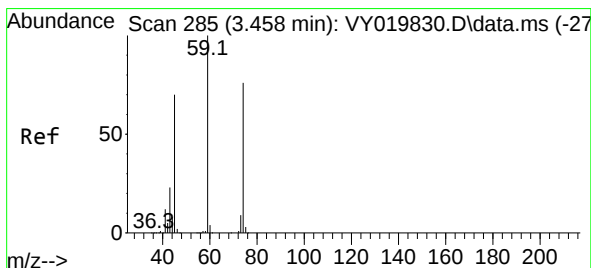
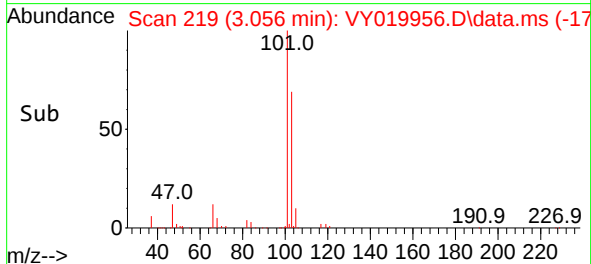
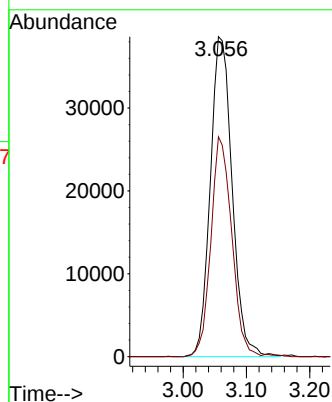


#7
 Trichlorofluoromethane
 Concen: 19.162 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019956.D
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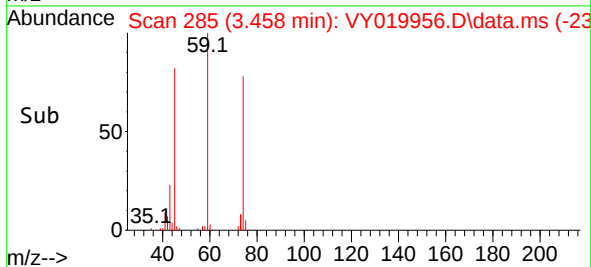
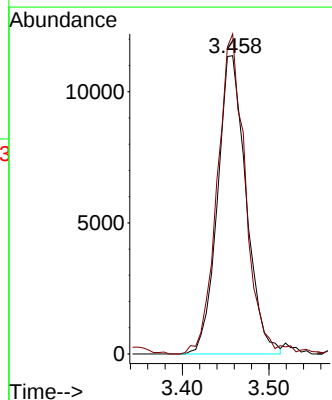
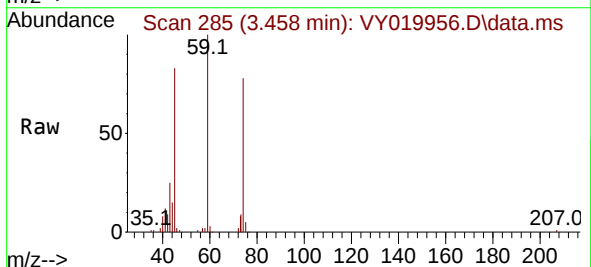


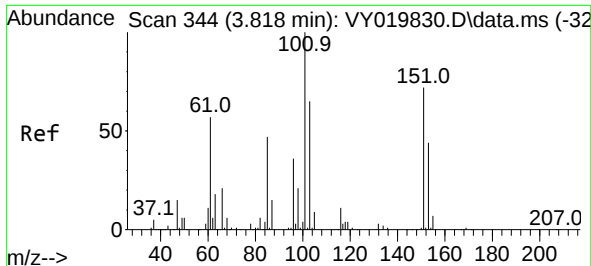
Tgt Ion:101 Resp: 92507
 Ion Ratio Lower Upper
 101 100
 103 68.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 17.745 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

Tgt Ion: 74 Resp: 26035
 Ion Ratio Lower Upper
 74 100
 45 106.5 41.3 124.1

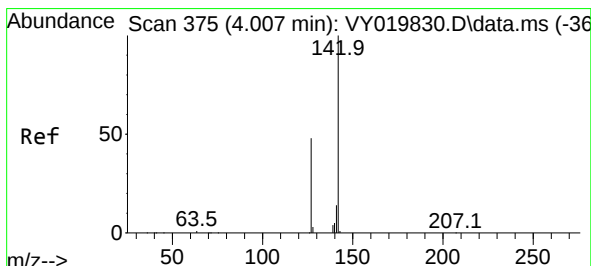
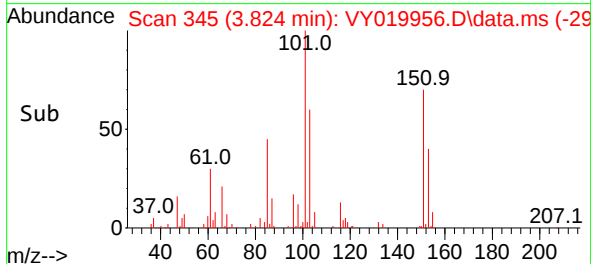
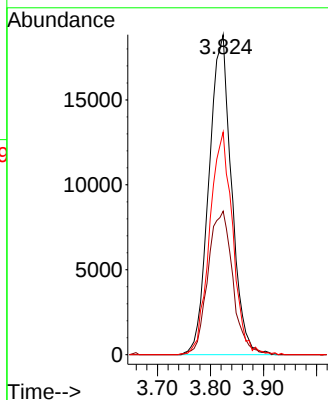
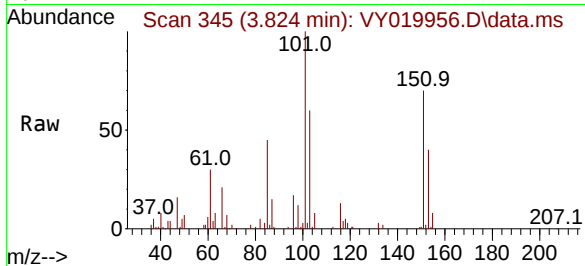




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.801 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.013 min
Lab File: VY019956.D
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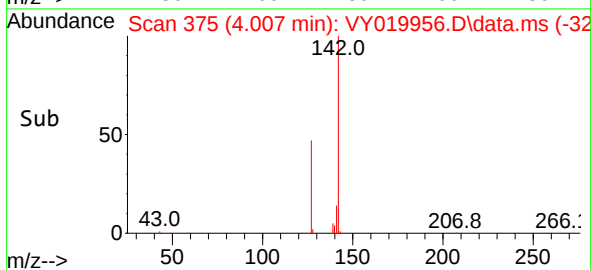
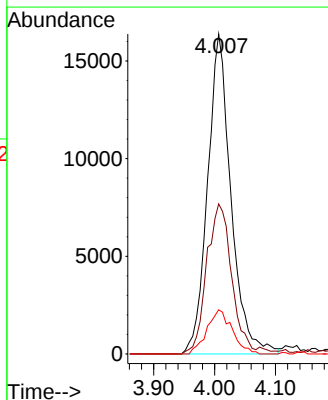
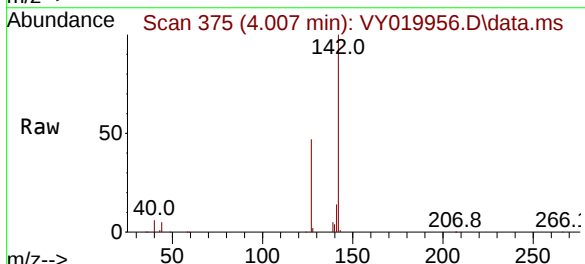
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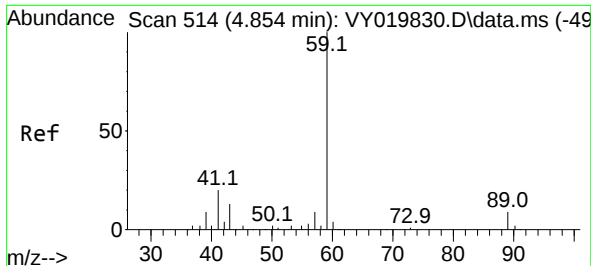
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Ion Ratio Lower Upper
101 100
85 49.5 34.5 51.7
151 71.2 61.7 92.5



#10
Methyl Iodide
Concen: 15.407 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion:142 Resp: 43756
Ion Ratio Lower Upper
142 100
127 49.7 32.8 49.2#
141 14.8 11.4 17.2

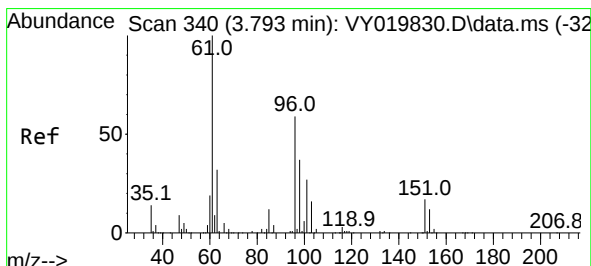
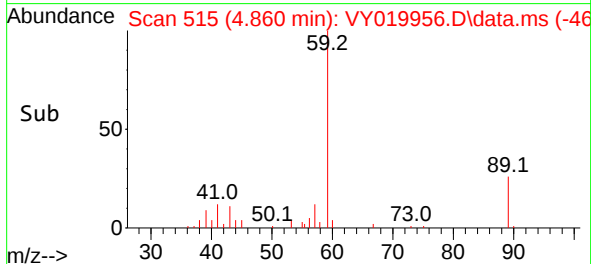
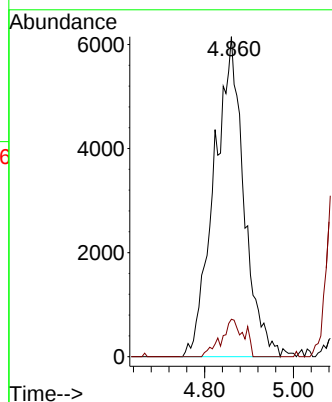
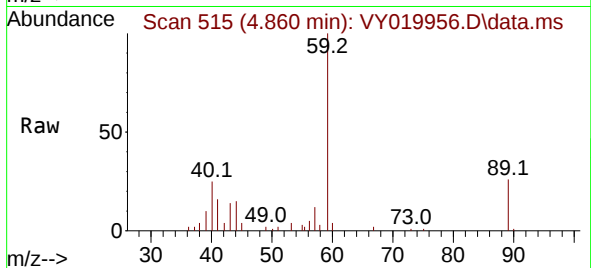




#11
Tert butyl alcohol
Concen: 107.624 ug/l
RT: 4.860 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

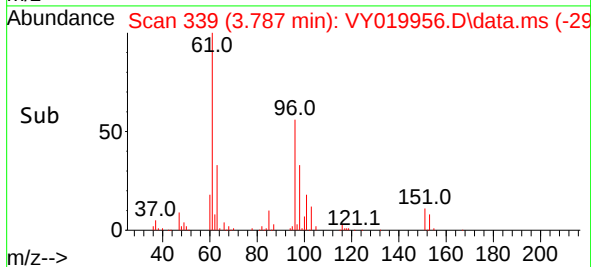
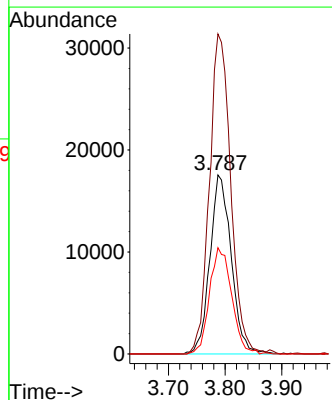
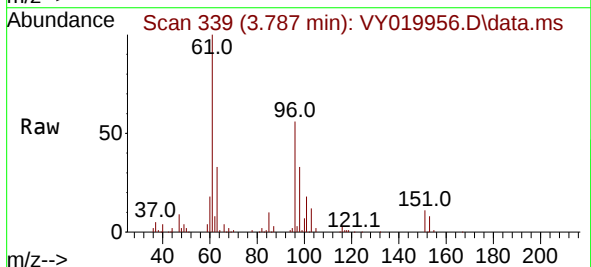
Instrument :
MSVOA_Y
ClientSampleId :

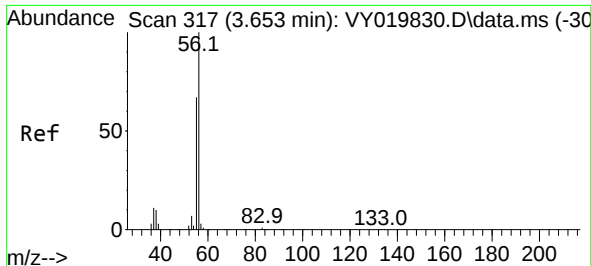
Tgt Ion: 59 Resp: 28551
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 17.580 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 96 Resp: 45892
Ion Ratio Lower Upper
96 100
61 178.8 114.6 171.8#
98 59.4 50.8 76.2





#13

Acrolein

Concen: 74.437 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

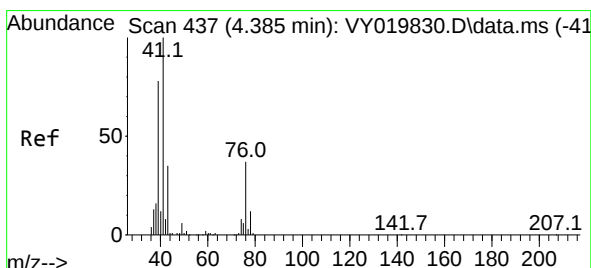
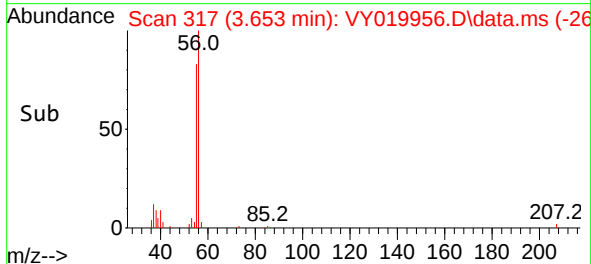
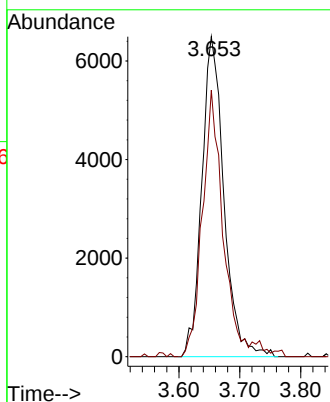
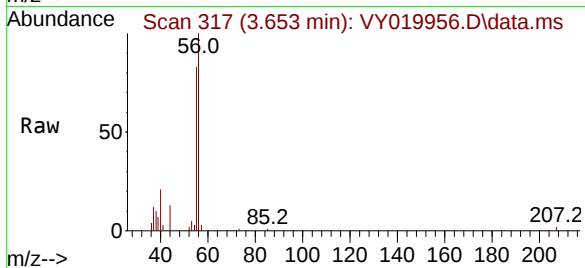
ClientSampleId :

Tgt Ion: 56 Resp: 16388

Ion Ratio Lower Upper

56 100

55 76.2 55.7 83.5



#14

Allyl chloride

Concen: 18.390 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

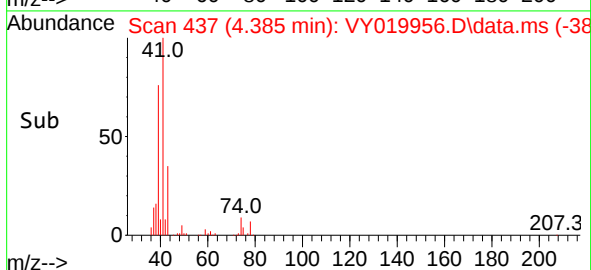
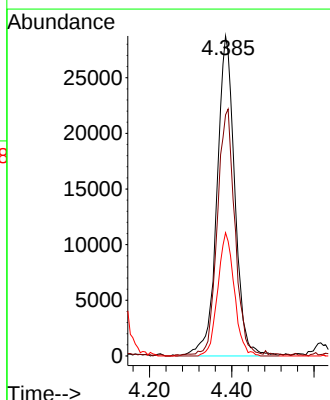
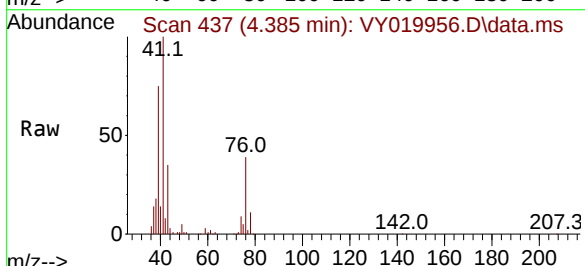
Tgt Ion: 41 Resp: 86619

Ion Ratio Lower Upper

41 100

39 75.7 58.3 87.5

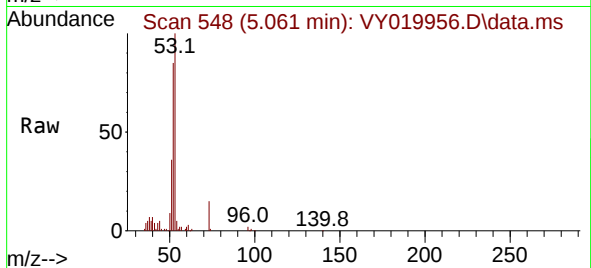
76 35.8 39.0 58.6#



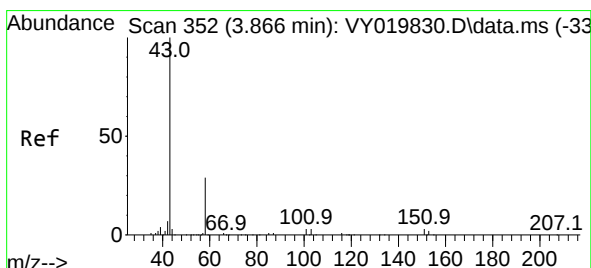
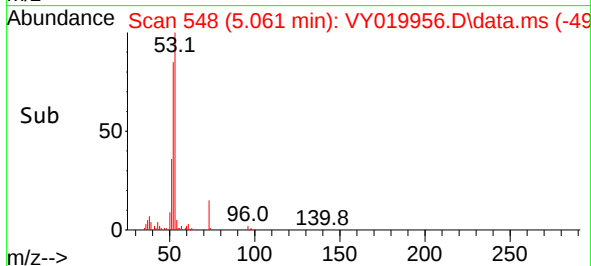
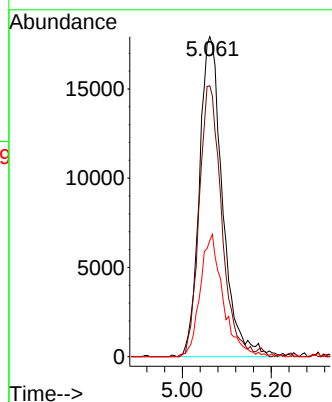


#15
Acrylonitrile
Concen: 96.954 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :

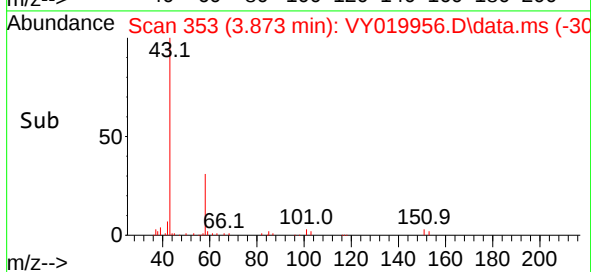
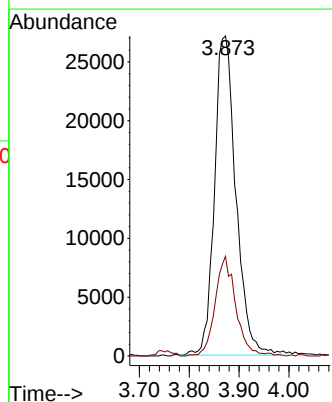
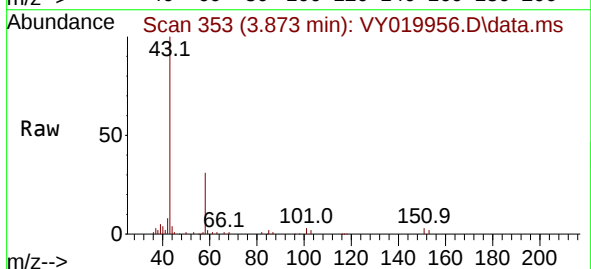


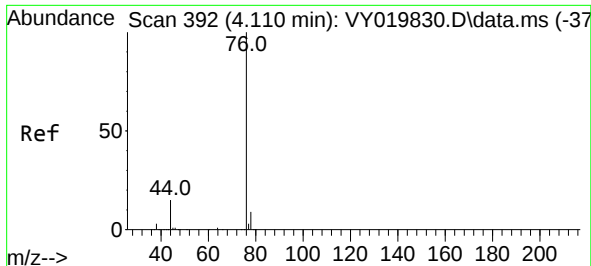
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	64.7	97.1
51	37.9	28.4	42.6



#16
Acetone
Concen: 104.017 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.2	31.7	47.5#





#17

Carbon Disulfide

Concen: 13.137 ug/l

RT: 4.104 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

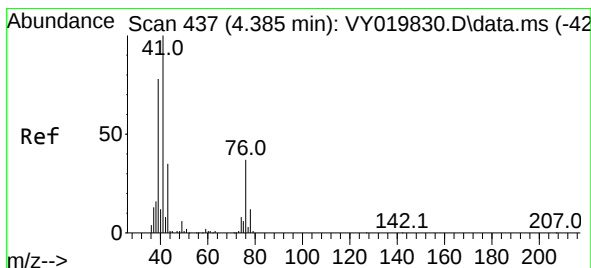
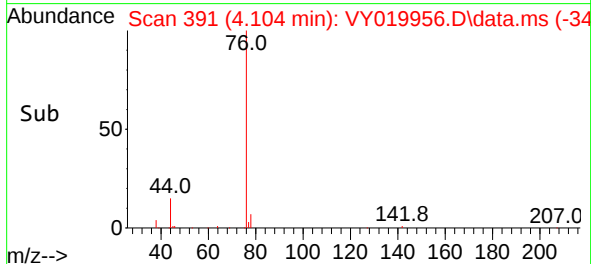
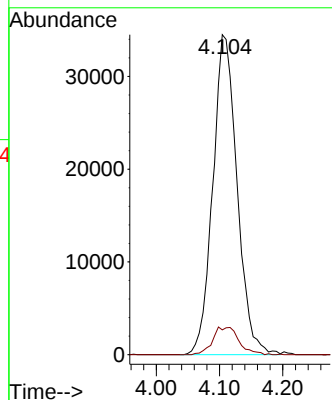
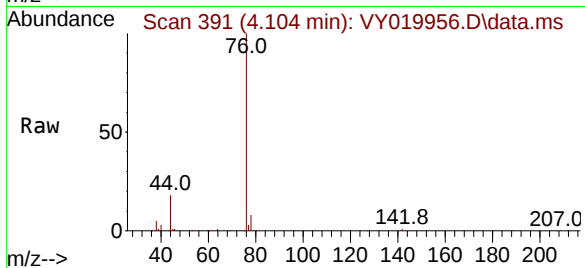
ClientSampleId :

Tgt Ion: 76 Resp: 91922

Ion Ratio Lower Upper

76 100

78 7.8 6.8 10.2



#18

Methyl Acetate

Concen: 18.116 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019956.D

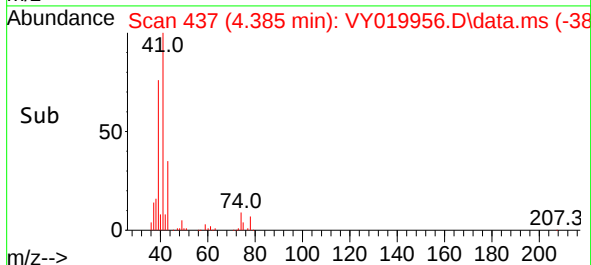
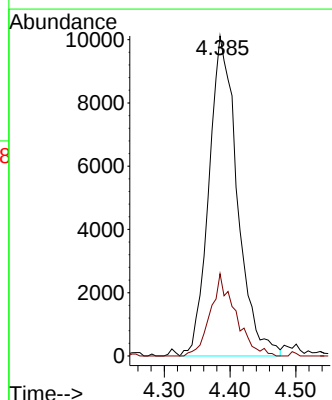
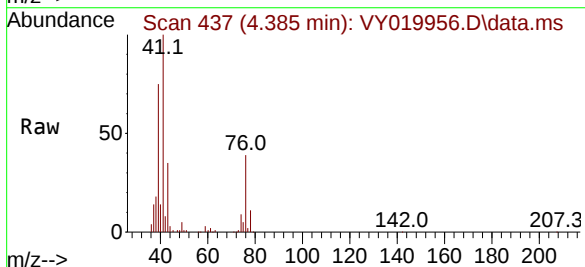
Acq: 21 Oct 2024 11:52

Tgt Ion: 43 Resp: 30437

Ion Ratio Lower Upper

43 100

74 22.8 23.3 34.9#

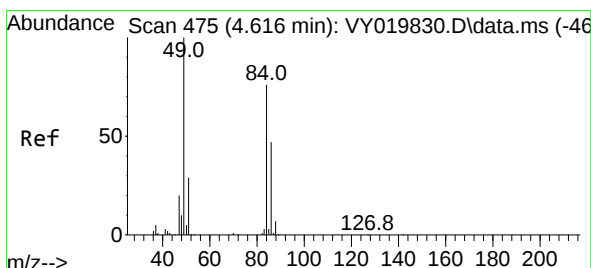
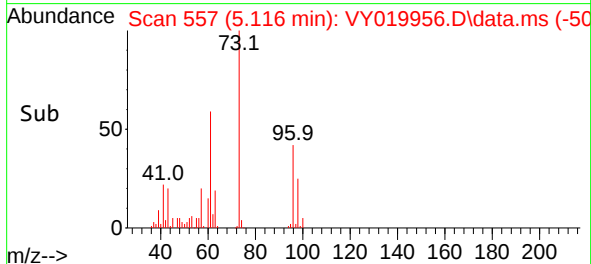
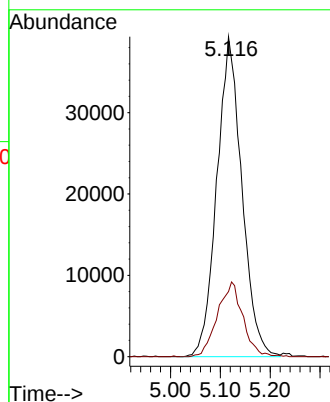
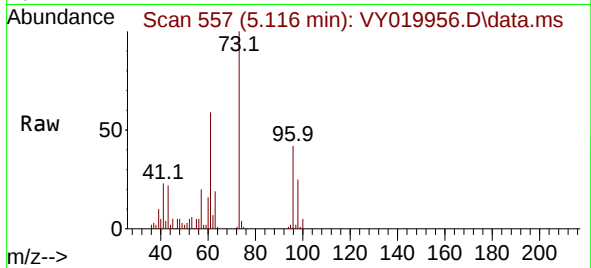




#19
Methyl tert-butyl Ether
Concen: 18.242 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

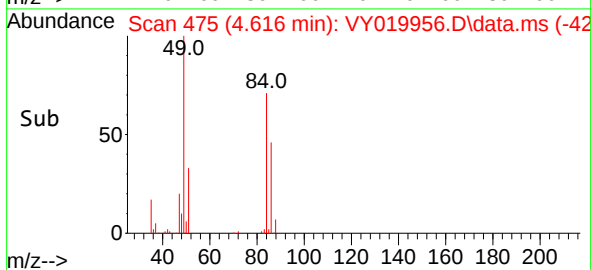
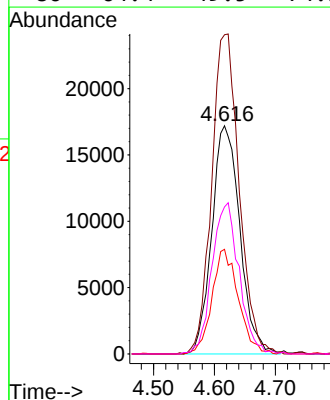
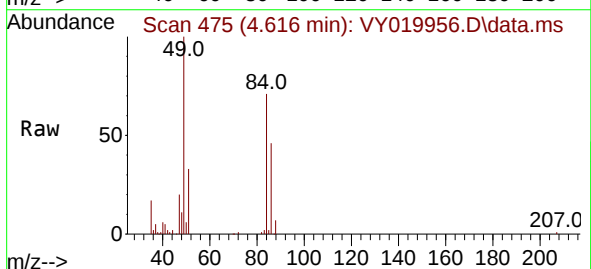
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 73 Resp: 136812
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 18.544 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 84 Resp: 54904
Ion Ratio Lower Upper
84 100
49 139.3 84.4 126.6#
51 45.8 26.0 39.0#
86 64.4 49.5 74.3

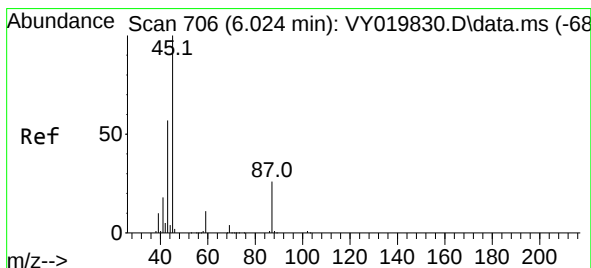
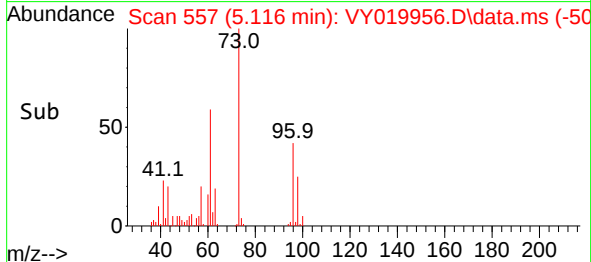
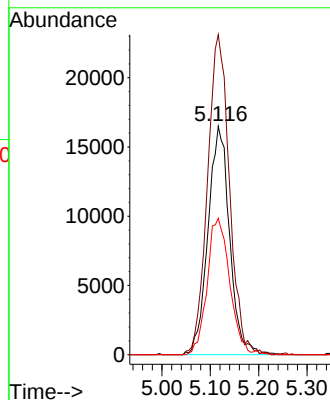
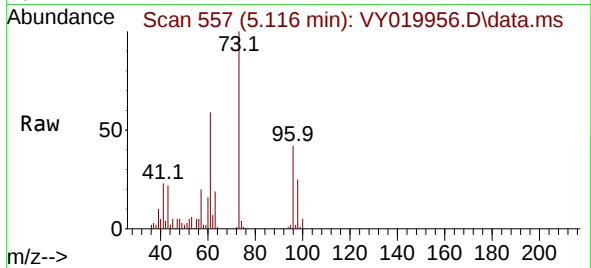




#21
trans-1,2-Dichloroethene
Concen: 17.957 ug/l
RT: 5.116 min Scan# 510
Delta R.T. 0.007 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

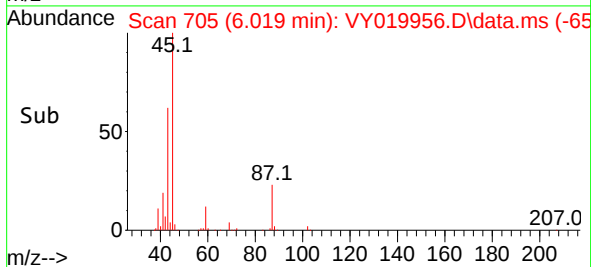
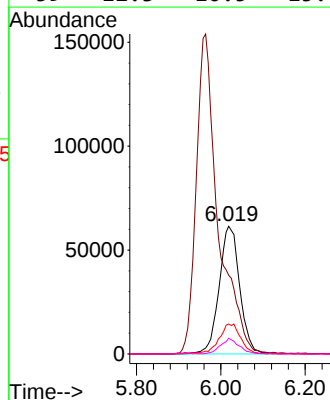
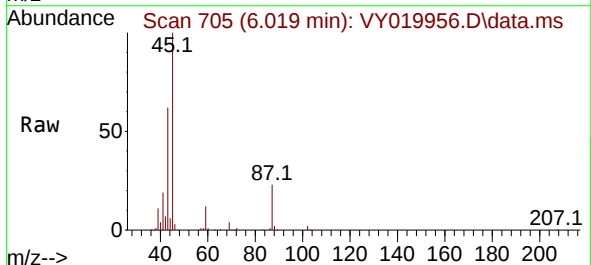
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 51019
Ion Ratio Lower Upper
96 100
61 140.1 97.5 146.3
98 59.7 50.5 75.7



#22
Diisopropyl ether
Concen: 20.240 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

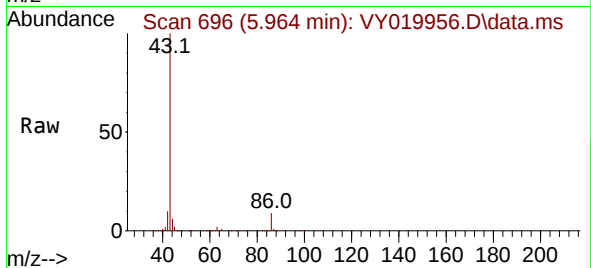
Tgt Ion: 45 Resp: 207650
Ion Ratio Lower Upper
45 100
43 60.9 42.2 63.2
87 23.3 25.0 37.6#
59 12.3 10.5 15.7



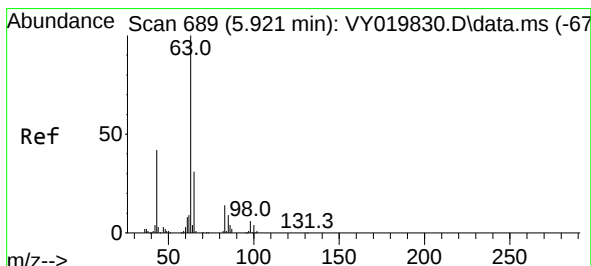
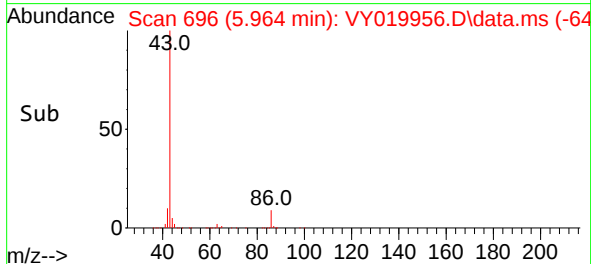
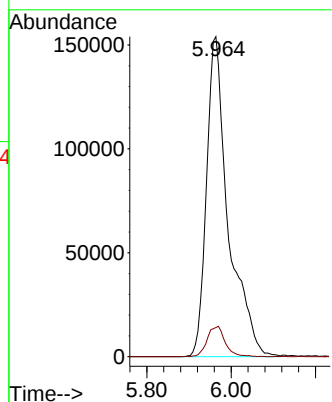


#23
 Vinyl Acetate
 Concen: 94.181 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.007 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :

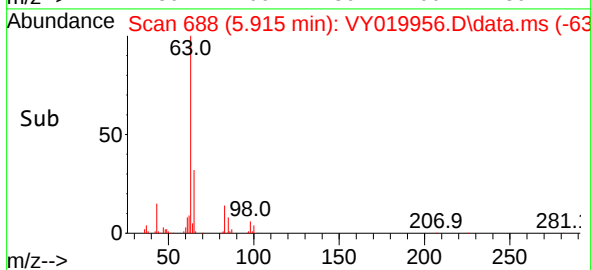
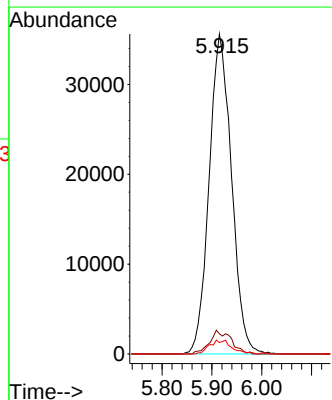
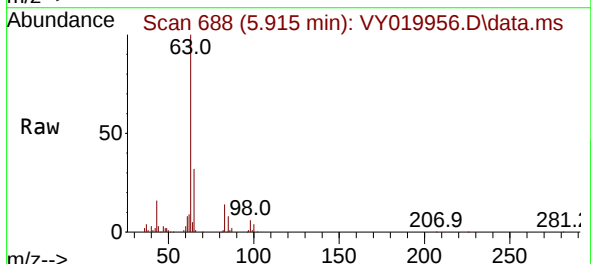


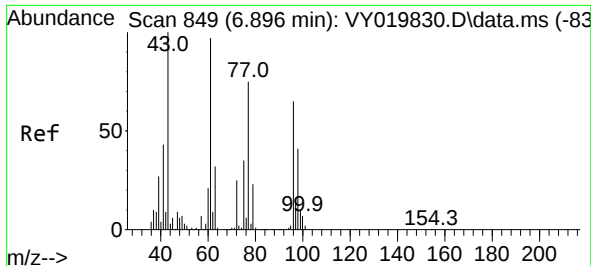
Tgt Ion: 43 Resp: 553934
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 19.478 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

Tgt Ion: 63 Resp: 111086
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 12.2
 100 3.6 2.6 8.0

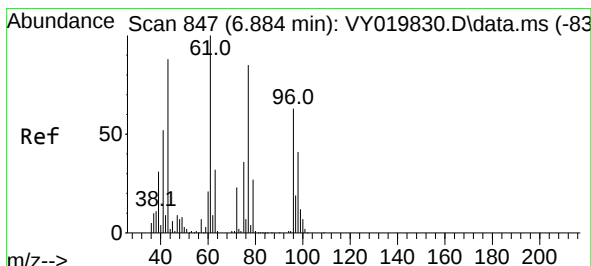
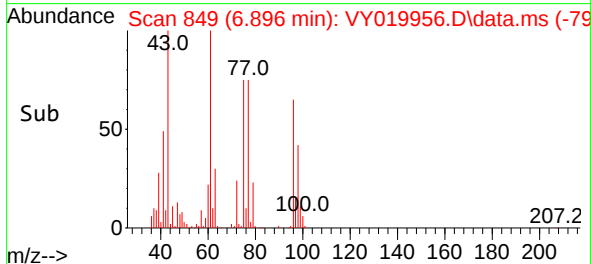
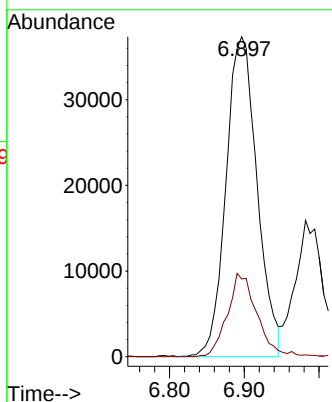
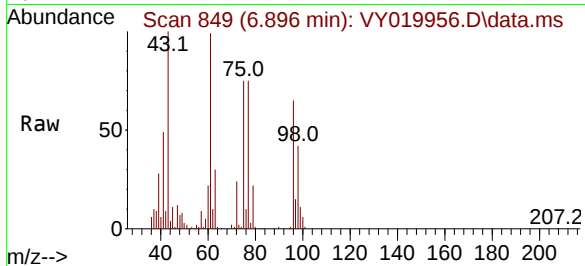




#25
2-Butanone
Concen: 103.635 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.007 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

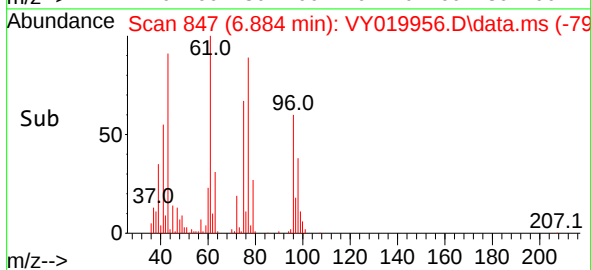
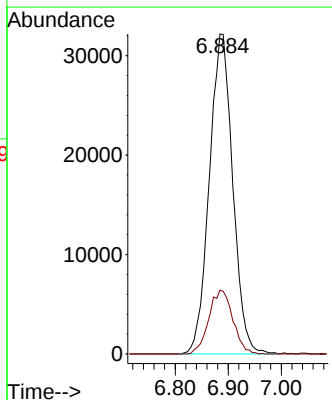
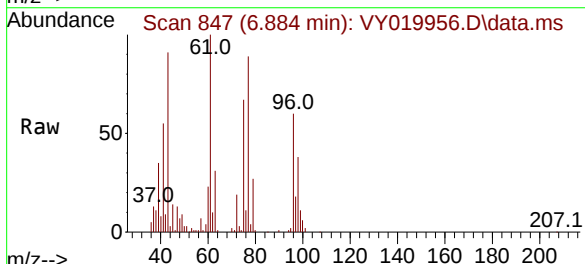
Instrument :
MSVOA_Y
ClientSampleId :

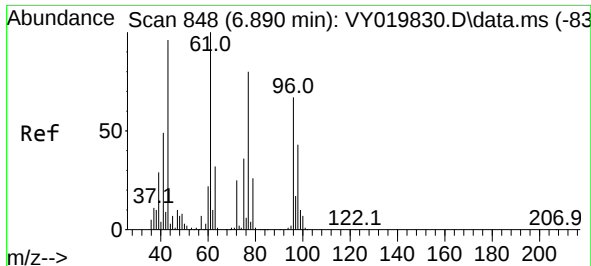
Tgt Ion: 43 Resp: 108194
Ion Ratio Lower Upper
43 100
72 24.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 19.422 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

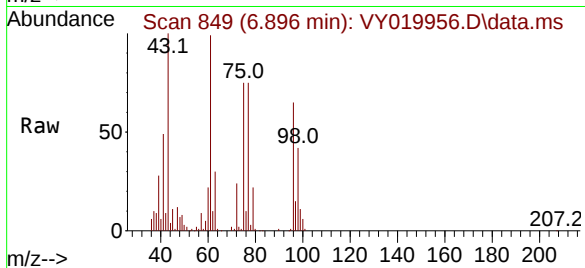
Tgt Ion: 77 Resp: 98645
Ion Ratio Lower Upper
77 100
97 20.4 12.0 36.1



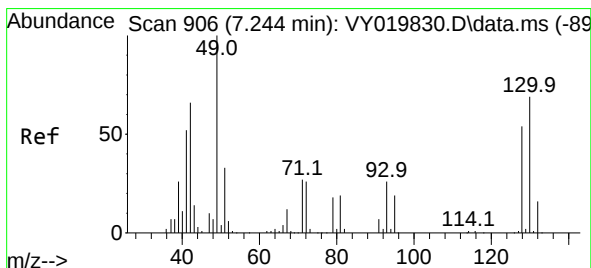
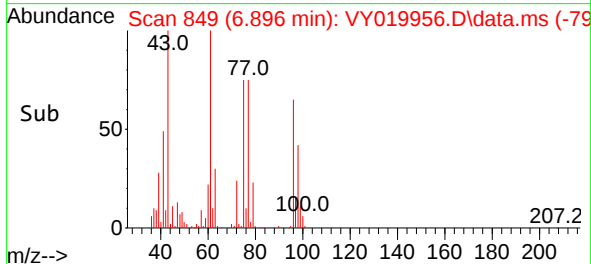
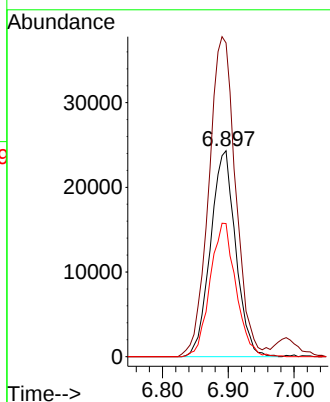


#27
 cis-1,2-Dichloroethene
 Concen: 18.492 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.007 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

Instrument :
 MSVOA_Y
 ClientSampleId :

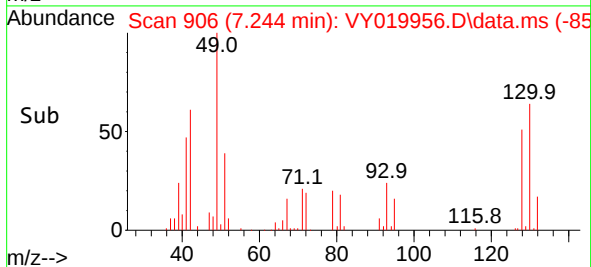
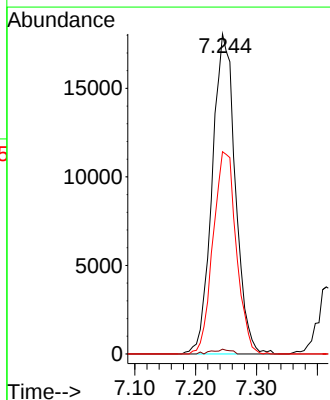
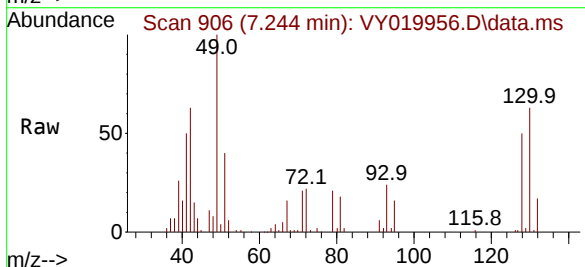


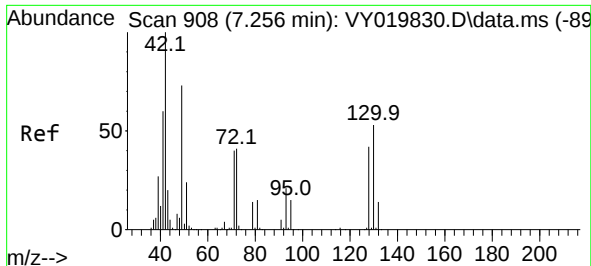
Tgt Ion: 96 Resp: 64928
 Ion Ratio Lower Upper
 96 100
 61 165.4 0.0 256.2
 98 66.4 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.020 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

Tgt Ion: 49 Resp: 47744
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.6
 130 63.4 72.7 109.1#





#29

Tetrahydrofuran

Concen: 94.066 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

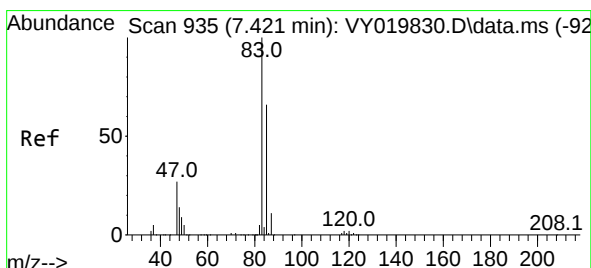
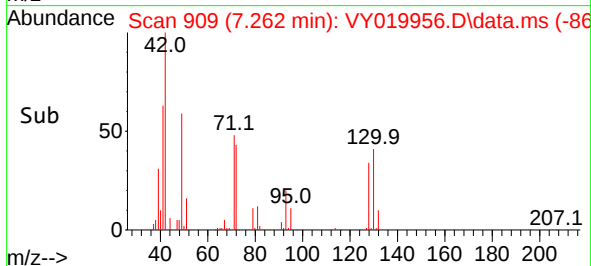
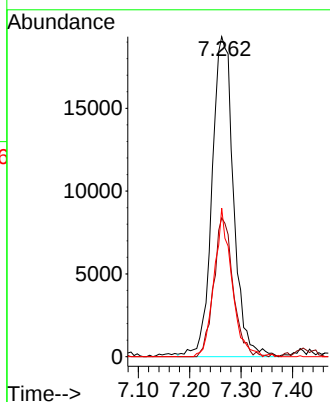
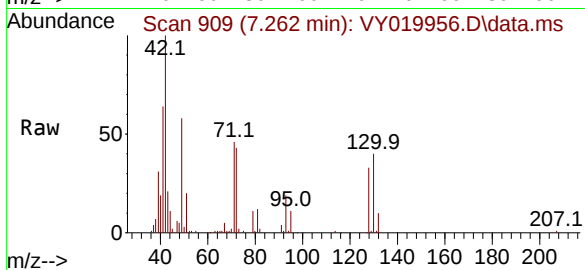
Tgt Ion: 42 Resp: 56072

Ion Ratio Lower Upper

42 100

72 39.3 43.0 64.4#

71 38.0 40.8 61.2#



#30

Chloroform

Concen: 19.928 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019956.D

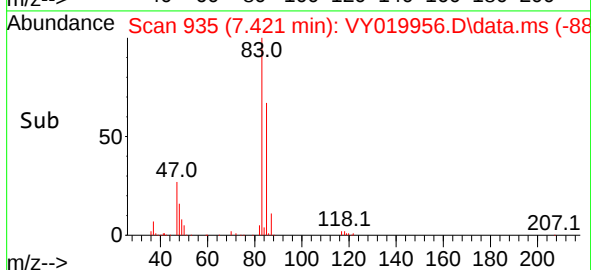
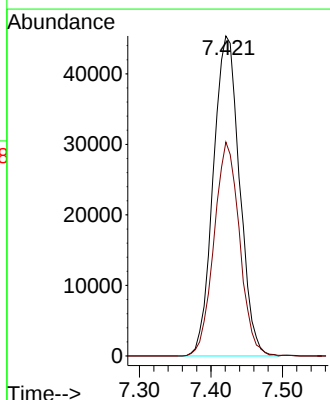
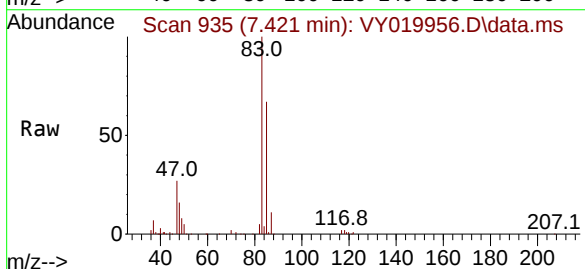
Acq: 21 Oct 2024 11:52

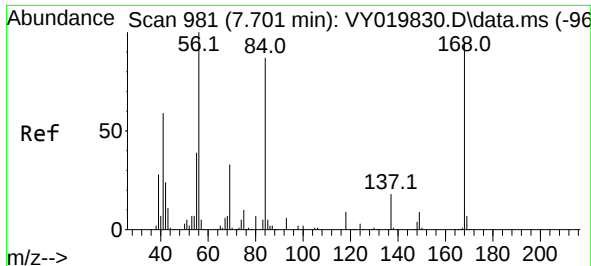
Tgt Ion: 83 Resp: 115854

Ion Ratio Lower Upper

83 100

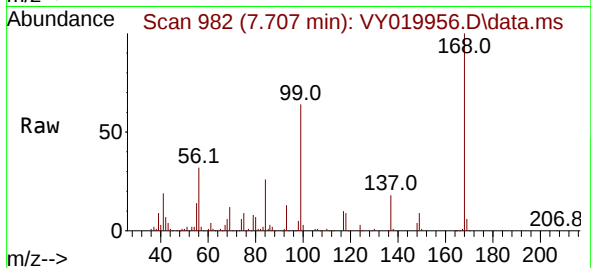
85 66.9 52.2 78.4



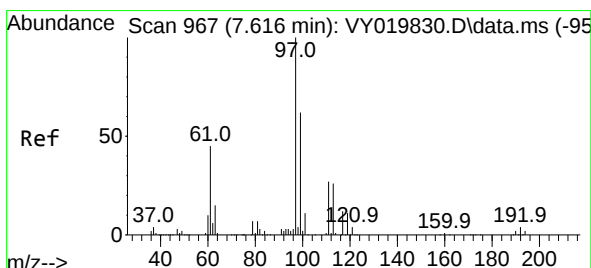
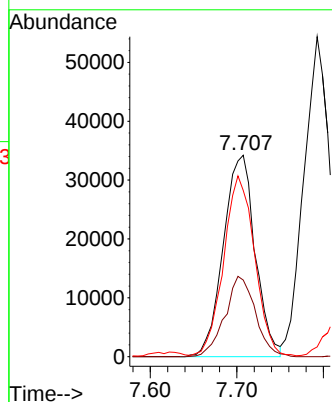
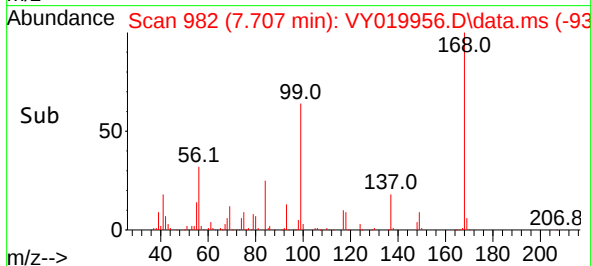


#31
Cyclohexane
Concen: 17.450 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.007 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :

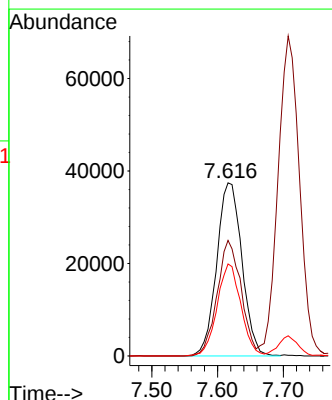
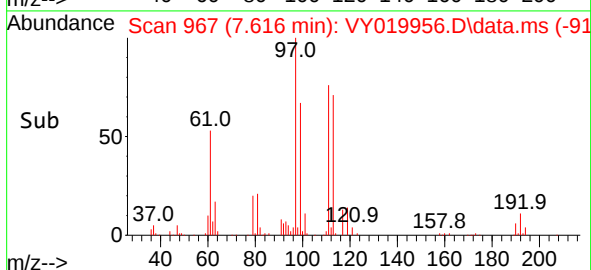
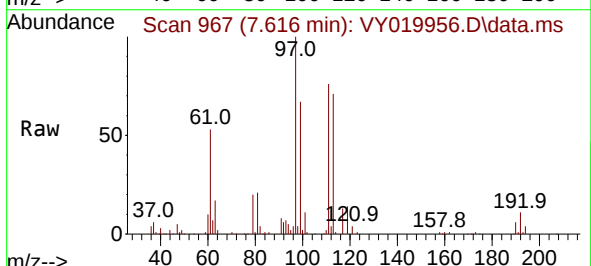


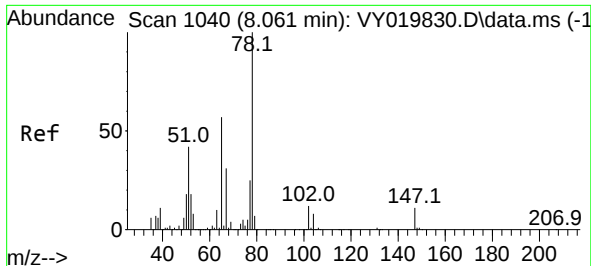
Tgt Ion: 56 Resp: 87359
Ion Ratio Lower Upper
56 100
69 38.0 28.7 43.1
84 80.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.626 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 97 Resp: 99990
Ion Ratio Lower Upper
97 100
99 63.1 50.3 75.5
61 50.2 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 47.073 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

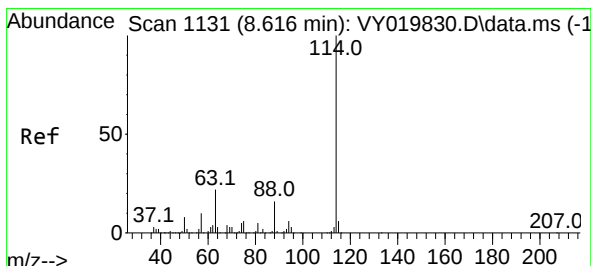
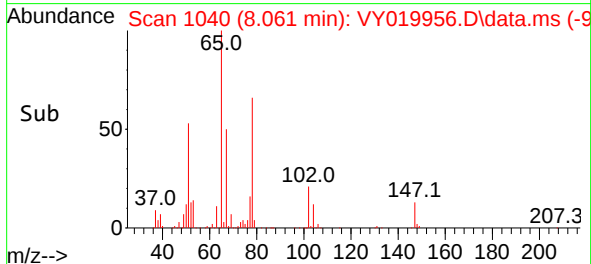
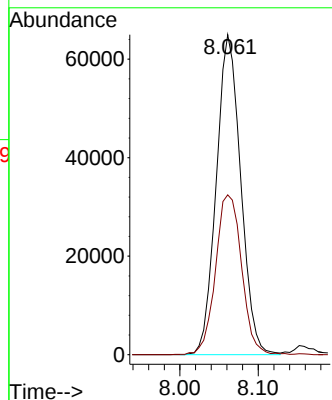
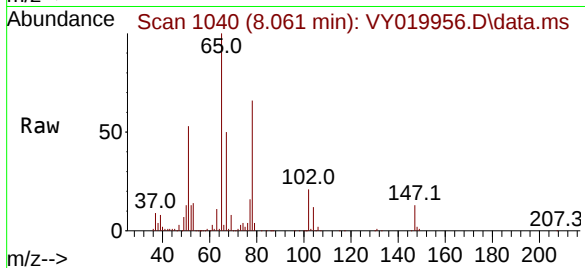
ClientSampleId :

Tgt Ion: 65 Resp: 141039

Ion Ratio Lower Upper

65 100

67 53.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

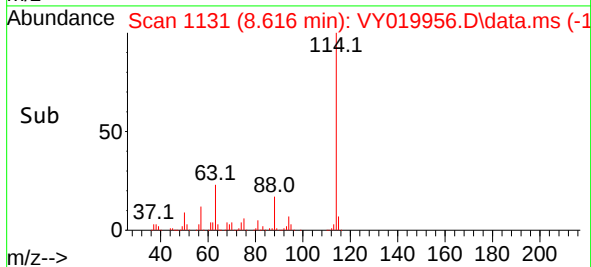
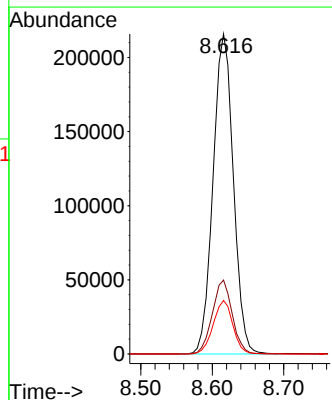
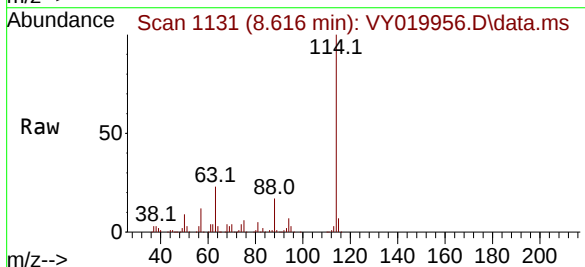
Tgt Ion: 114 Resp: 425439

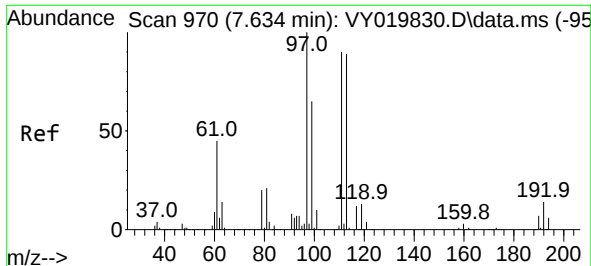
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 16.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 48.567 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

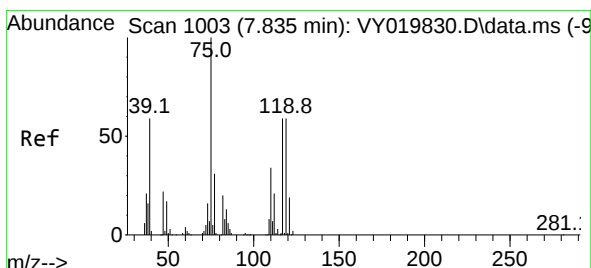
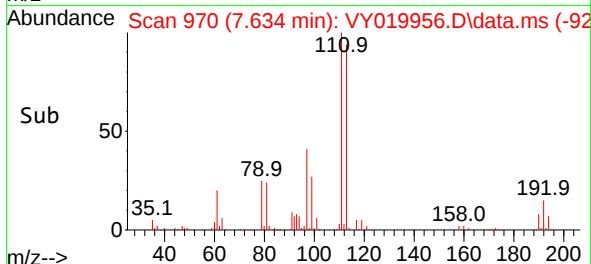
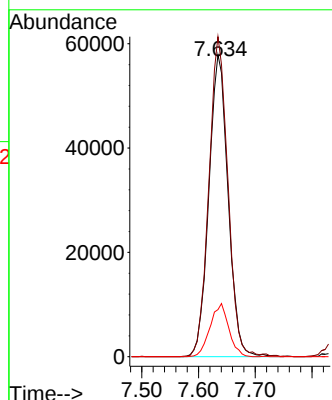
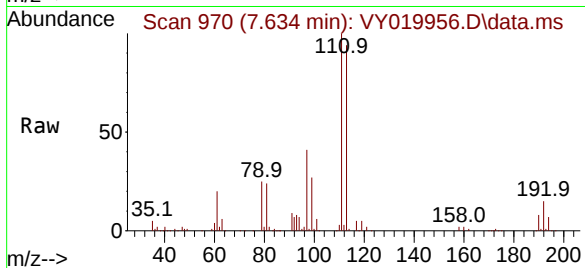
Tgt Ion:113 Resp: 136348

Ion Ratio Lower Upper

113 100

111 104.9 82.2 123.4

192 17.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 18.792 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

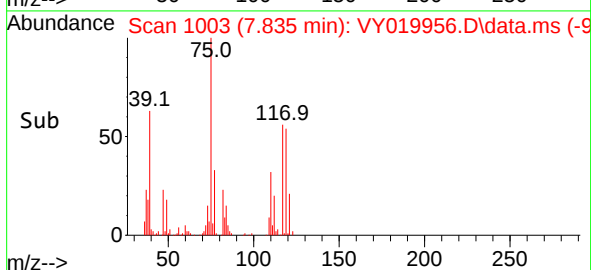
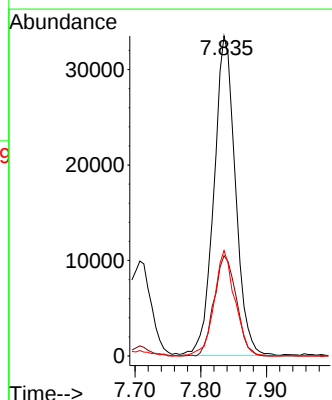
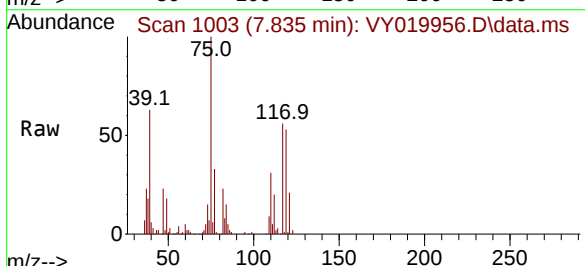
Tgt Ion: 75 Resp: 76008

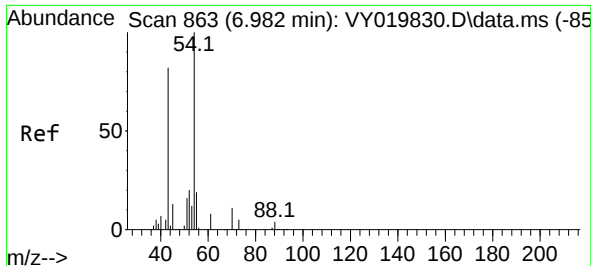
Ion Ratio Lower Upper

75 100

110 32.5 19.0 57.0

77 32.2 25.3 37.9

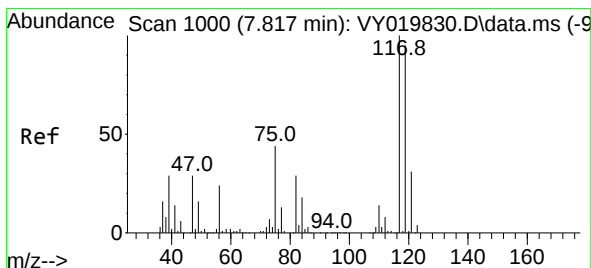
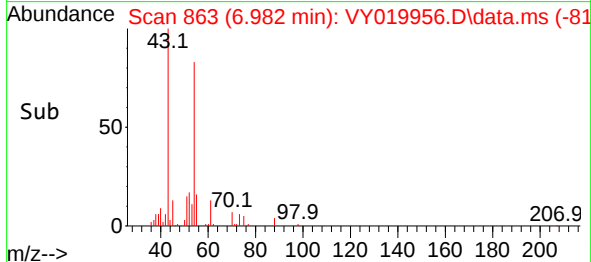
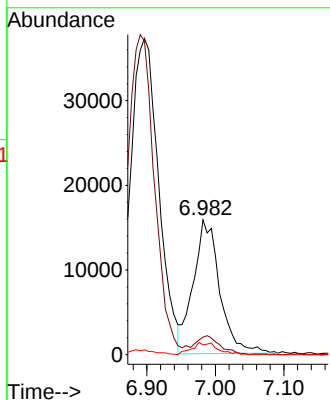
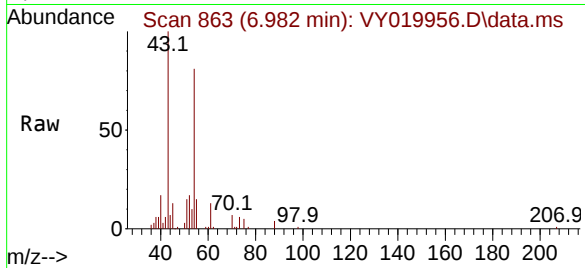




#37
Ethyl Acetate
Concen: 20.234 ug/l
RT: 6.982 min Scan# 863
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

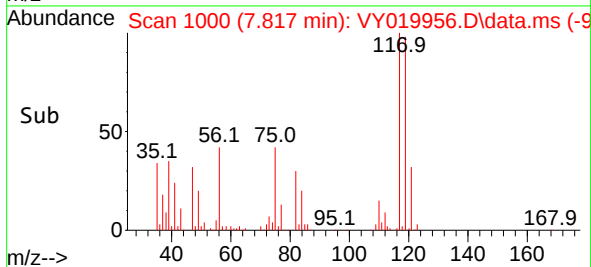
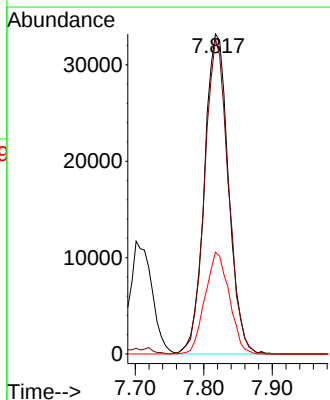
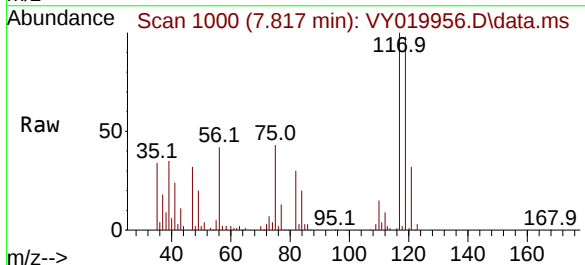
Instrument :
MSVOA_Y
ClientSampleId :

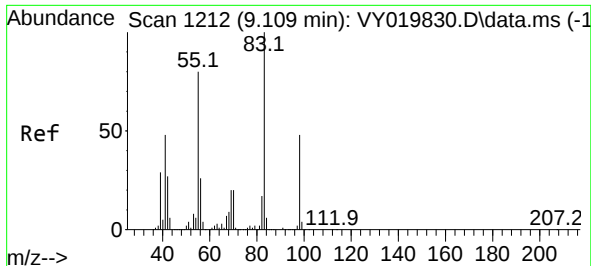
Tgt Ion: 43 Resp: 42674
Ion Ratio Lower Upper
43 100
61 12.4 12.6 19.0#
70 8.6 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.716 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 117 Resp: 81152
Ion Ratio Lower Upper
117 100
119 98.4 75.8 113.6
121 31.8 24.0 36.0





#39

Methylcyclohexane

Concen: 17.621 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

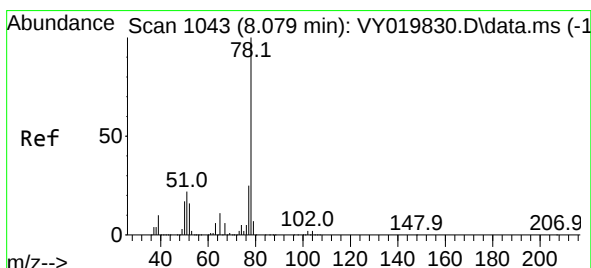
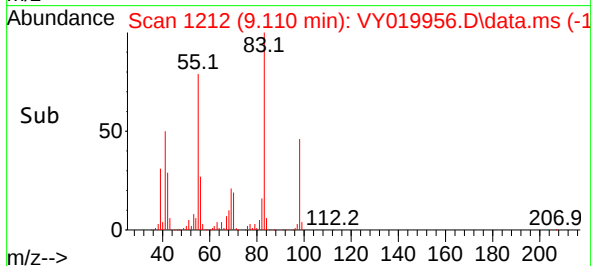
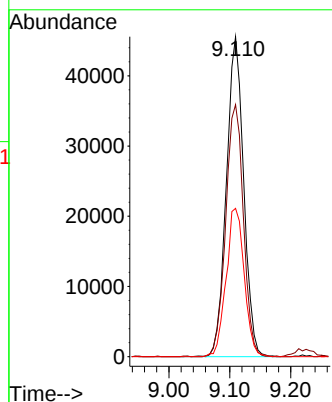
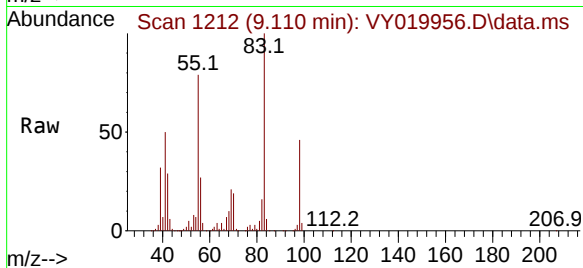
Tgt Ion: 83 Resp: 89802

Ion Ratio Lower Upper

83 100

55 78.8 51.5 77.3#

98 46.4 40.5 60.7



#40

Benzene

Concen: 19.108 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019956.D

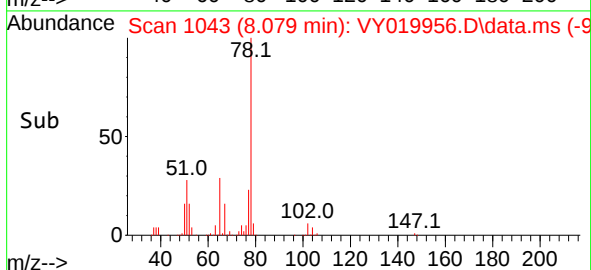
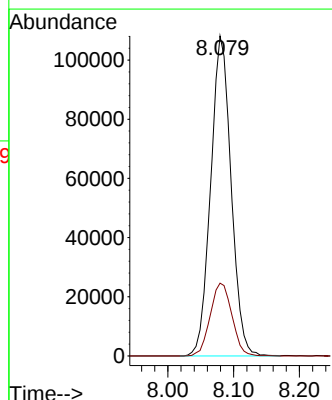
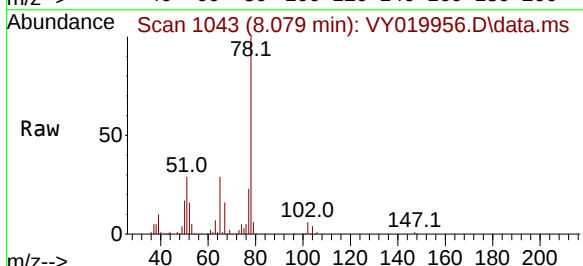
Acq: 21 Oct 2024 11:52

Tgt Ion: 78 Resp: 233894

Ion Ratio Lower Upper

78 100

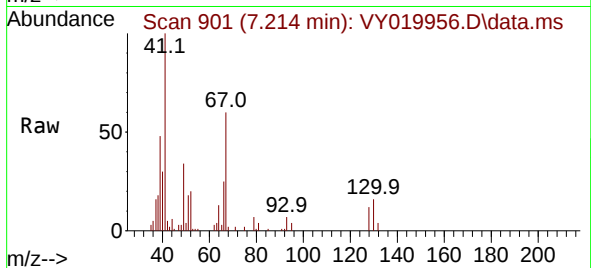
77 22.7 19.5 29.3



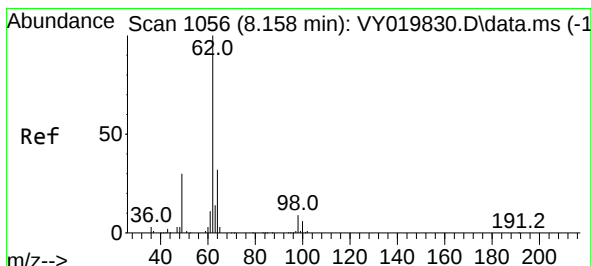
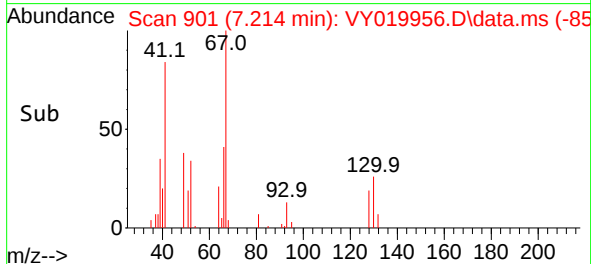
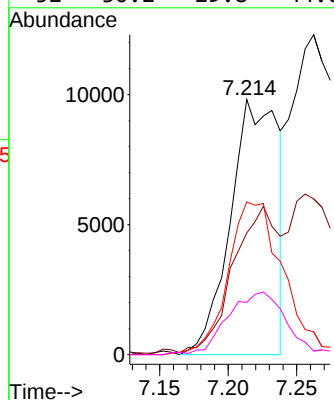


#41
Methacrylonitrile
Concen: 20.847 ug/l
RT: 7.214 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Instrument :
MSVOA_Y
ClientSampleId :

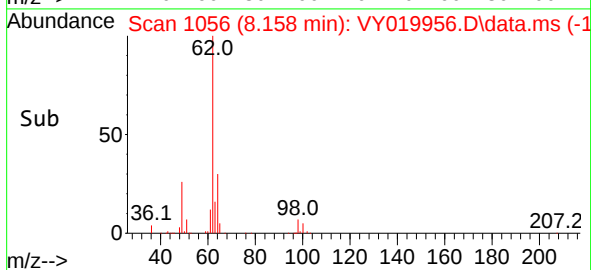
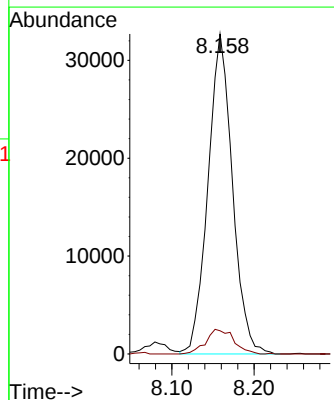
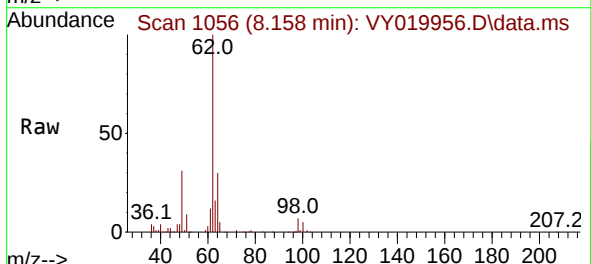


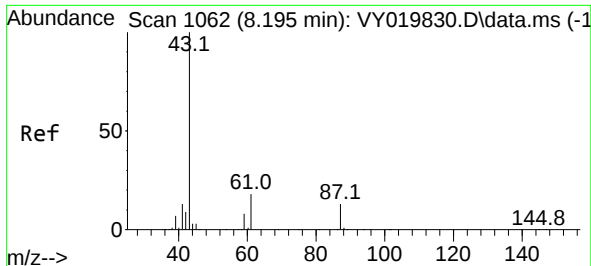
Tgt Ion:	41	Resp:	23796
Ion	Ratio	Lower	Upper
41	100		
39	54.5	48.0	72.0
67	69.3	75.1	112.7#
52	30.2	29.8	44.6



#42
1,2-Dichloroethane
Concen: 19.218 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion:	62	Resp:	67582
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0

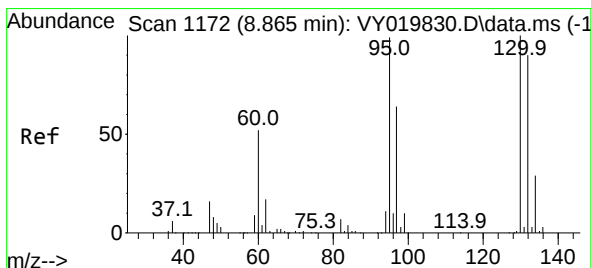
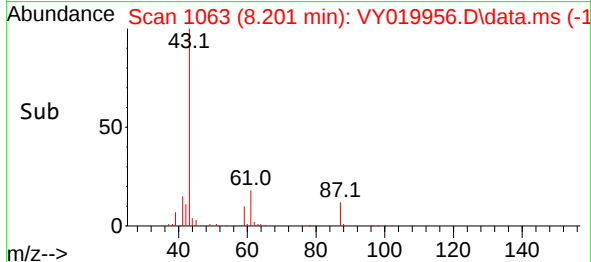
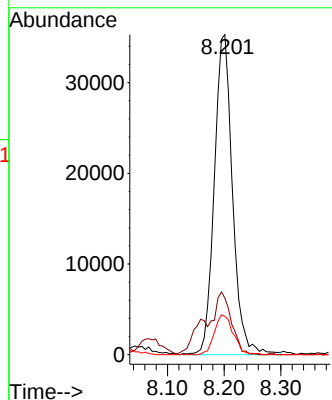
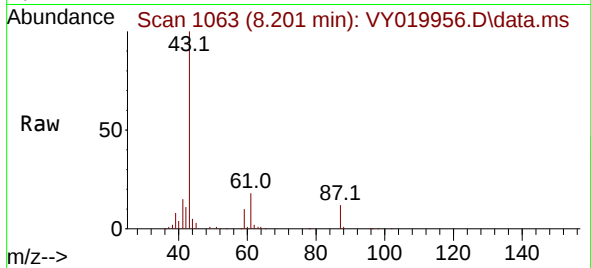




#43
Isopropyl Acetate
Concen: 18.331 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.007 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

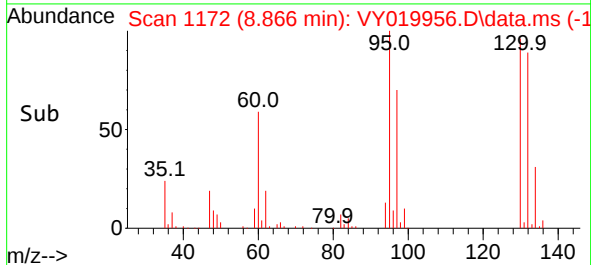
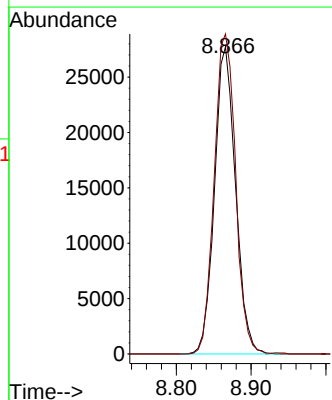
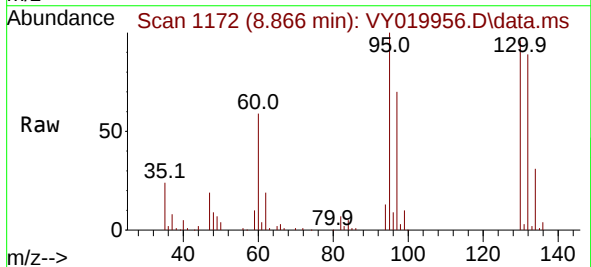
Instrument :
MSVOA_Y
ClientSampleId :

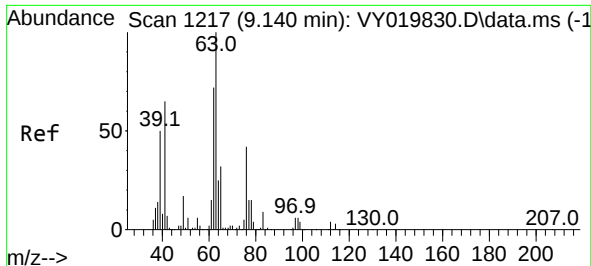
Tgt Ion: 43 Resp: 78842
Ion Ratio Lower Upper
43 100
61 18.8 27.9 41.9#
87 12.8 13.1 19.7#



#44
Trichloroethene
Concen: 18.340 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion:130 Resp: 54372
Ion Ratio Lower Upper
130 100
95 104.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.617 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

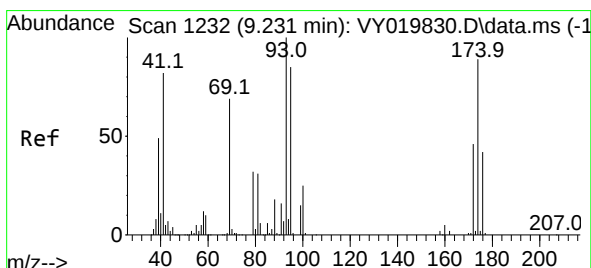
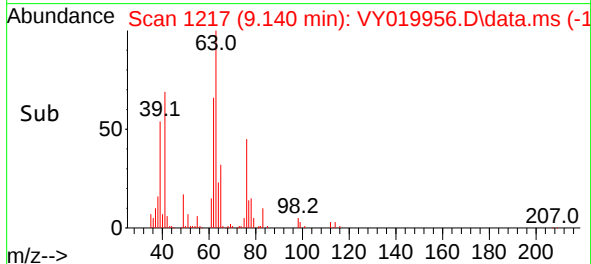
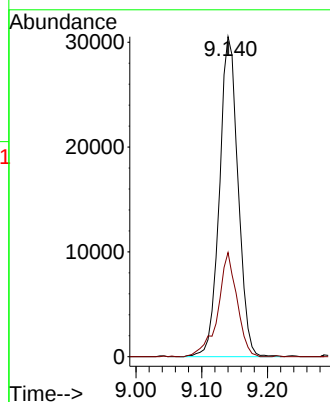
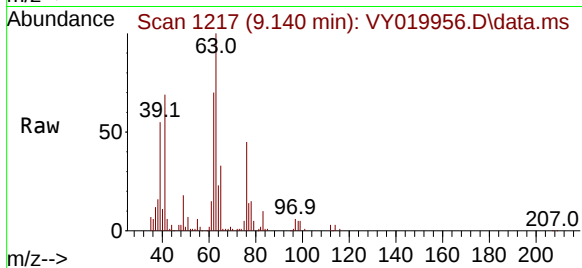
ClientSampleId :

Tgt Ion: 63 Resp: 60103

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 18.906 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

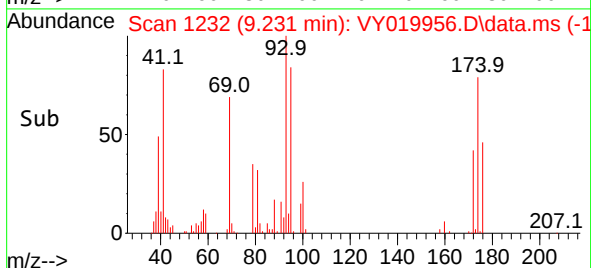
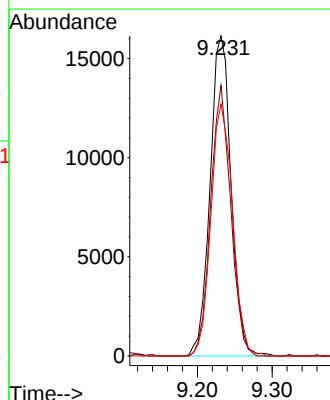
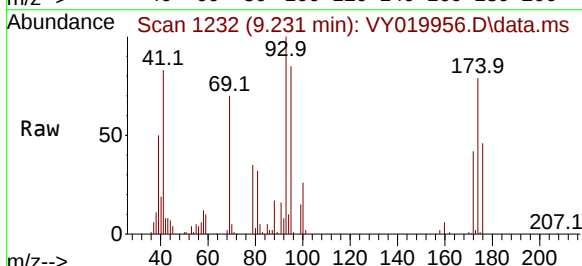
Tgt Ion: 93 Resp: 31647

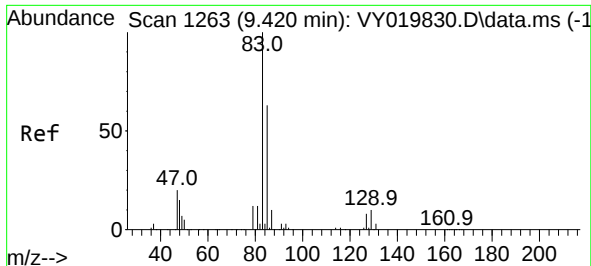
Ion Ratio Lower Upper

93 100

95 80.4 66.2 99.4

174 81.0 80.9 121.3

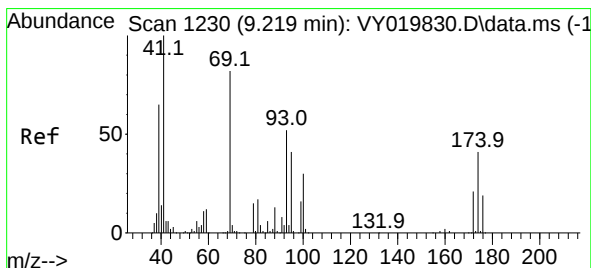
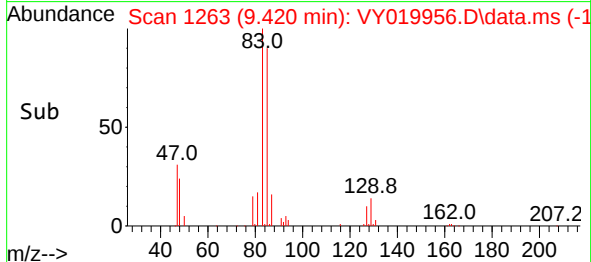
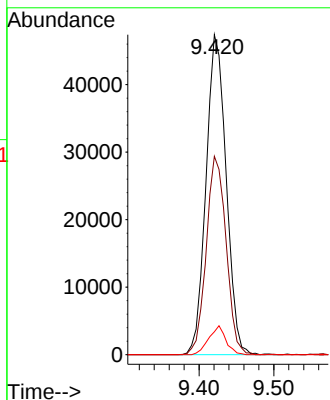
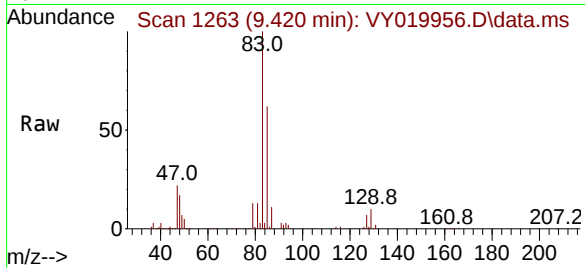




#47
Bromodichloromethane
Concen: 20.012 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

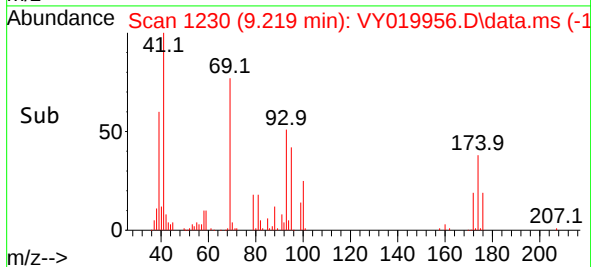
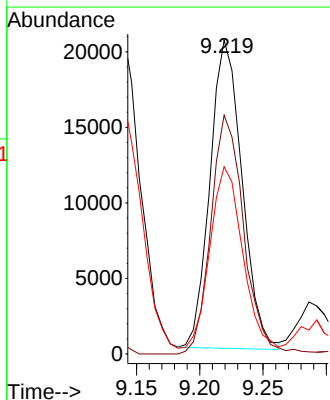
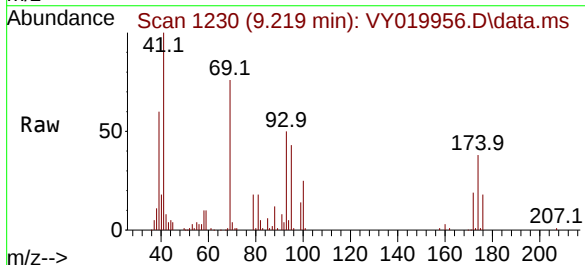
Instrument :
MSVOA_Y
ClientSampleId :

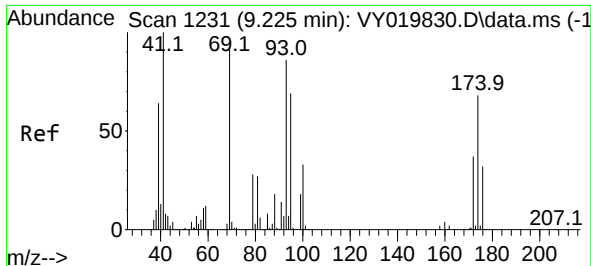
Tgt Ion: 83 Resp: 88915
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 7.2 7.4 11.0#



#48
Methyl methacrylate
Concen: 18.971 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 41 Resp: 35893
Ion Ratio Lower Upper
41 100
69 79.5 84.1 126.1#
39 59.9 43.6 65.4





#49

1,4-Dioxane

Concen: 371.553 ug/l

RT: 9.231 min Scan# 1

Delta R.T. 0.000 min

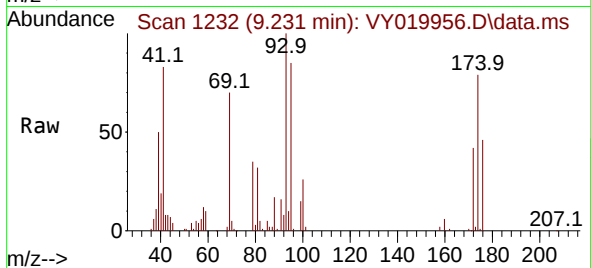
Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :



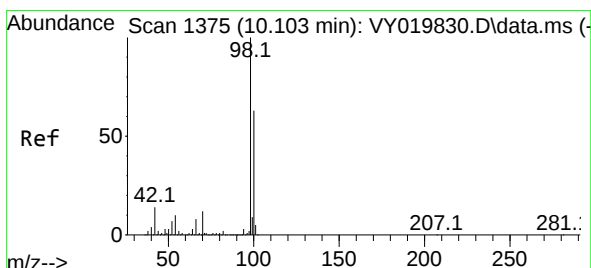
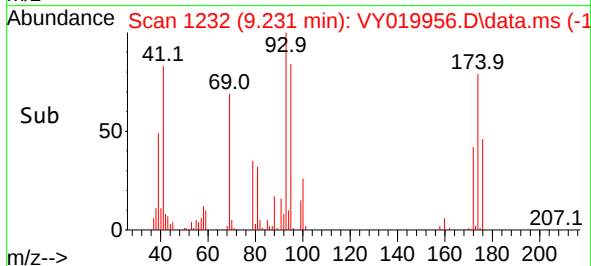
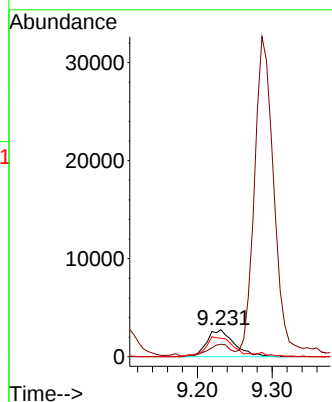
Tgt Ion: 88 Resp: 6961

Ion Ratio Lower Upper

88 100

43 34.3 0.0 0.0#

58 73.8 49.3 73.9



#50

Toluene-d8

Concen: 48.564 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019956.D

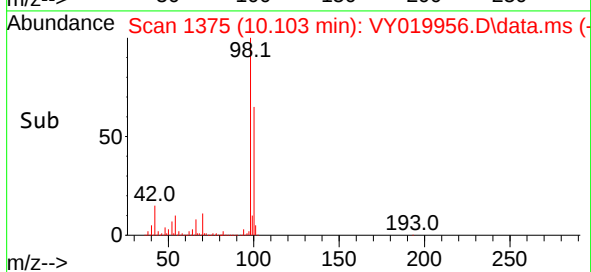
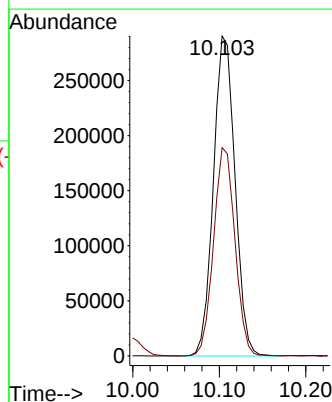
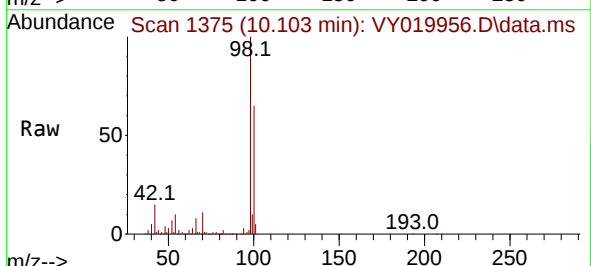
Acq: 21 Oct 2024 11:52

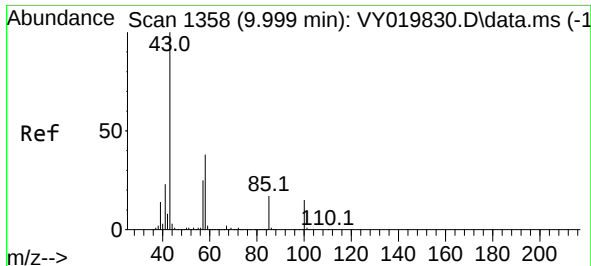
Tgt Ion: 98 Resp: 503487

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 96.763 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

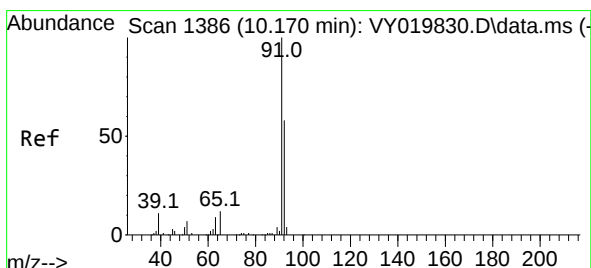
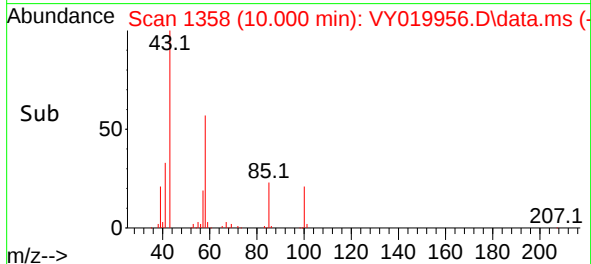
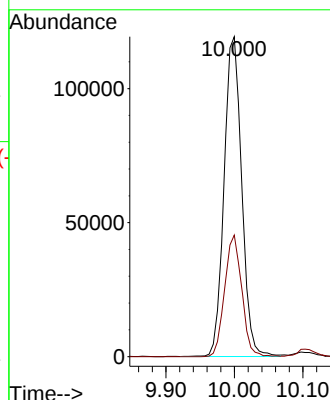
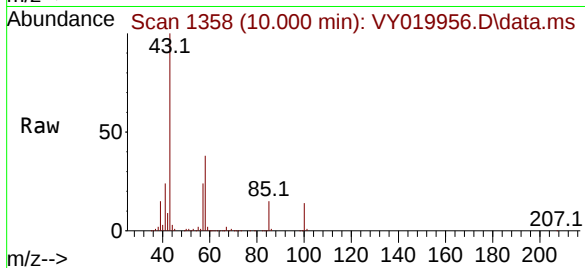
ClientSampleId :

Tgt Ion: 43 Resp: 212283

Ion Ratio Lower Upper

43 100

58 37.0 35.7 53.5



#52

Toluene

Concen: 19.206 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019956.D

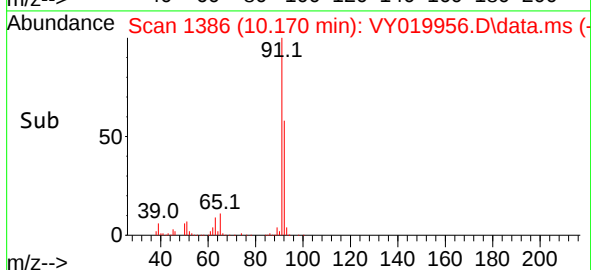
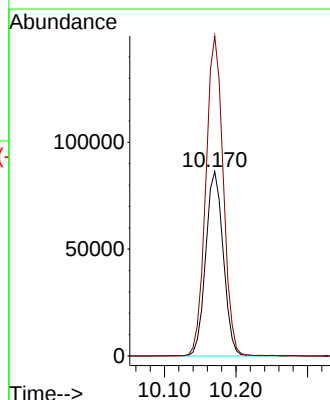
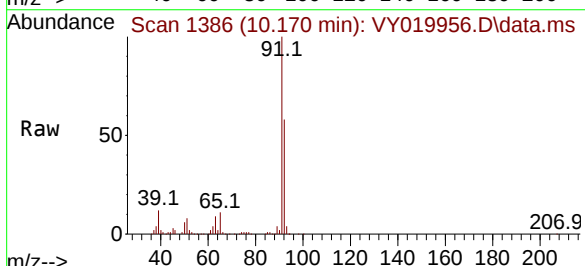
Acq: 21 Oct 2024 11:52

Tgt Ion: 92 Resp: 146748

Ion Ratio Lower Upper

92 100

91 172.5 139.0 208.6

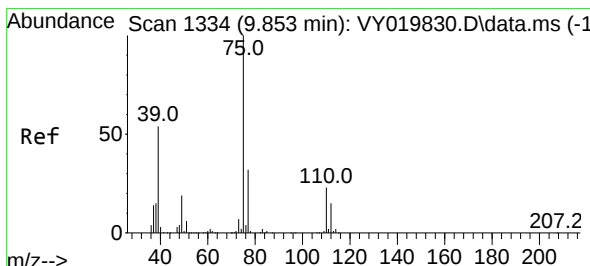
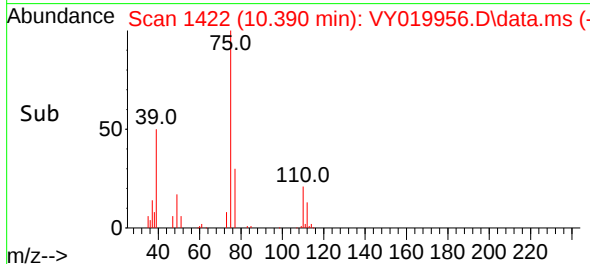
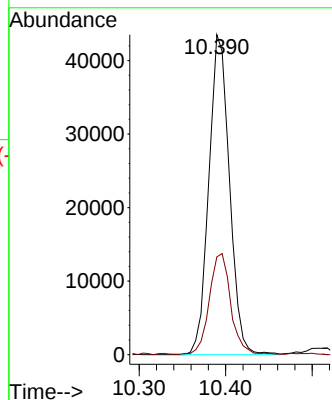
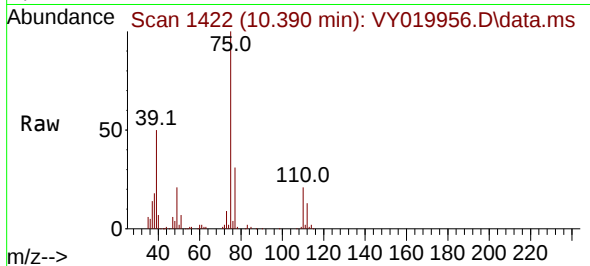




#53
t-1,3-Dichloropropene
Concen: 18.027 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

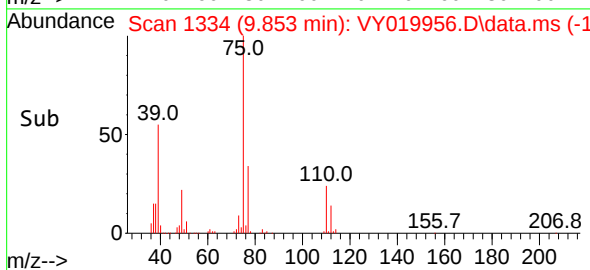
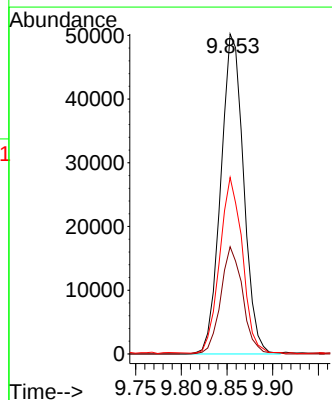
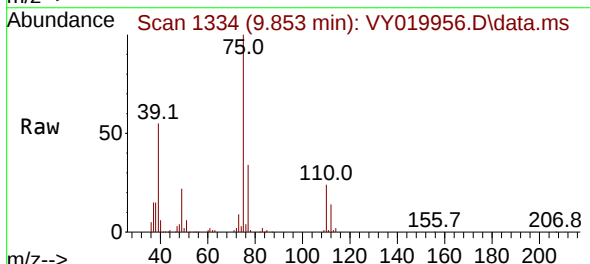
Instrument :
MSVOA_Y
ClientSampleId :

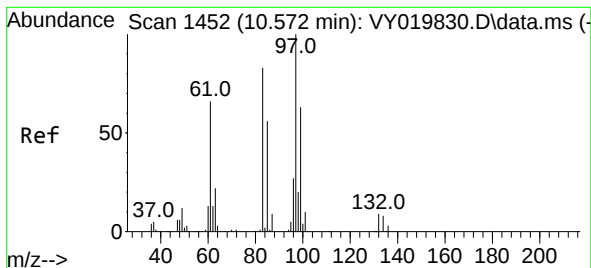
Tgt Ion: 75 Resp: 72068
Ion Ratio Lower Upper
75 100
77 30.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 18.486 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 75 Resp: 87199
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0
39 54.8 29.8 44.6#

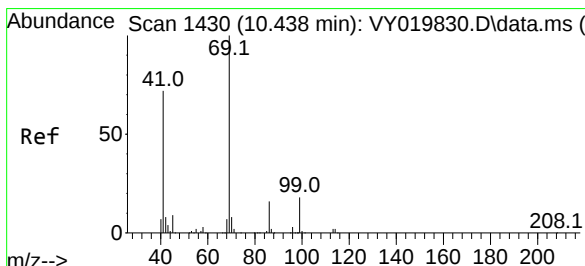
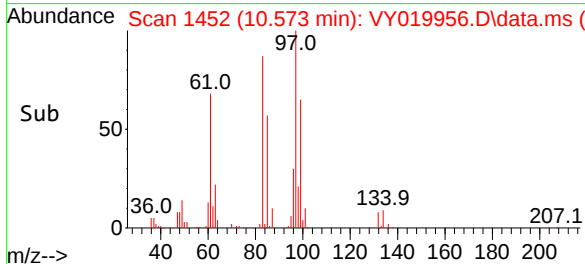
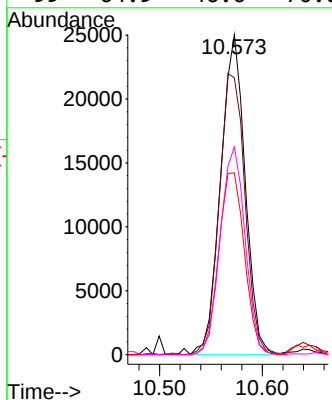
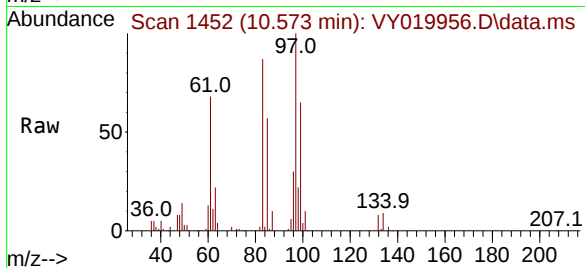




#55
1,1,2-Trichloroethane
Concen: 18.861 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

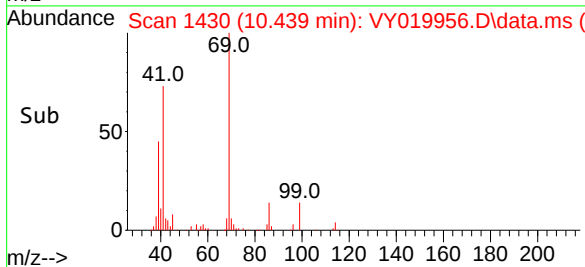
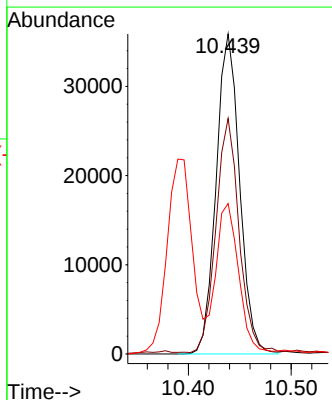
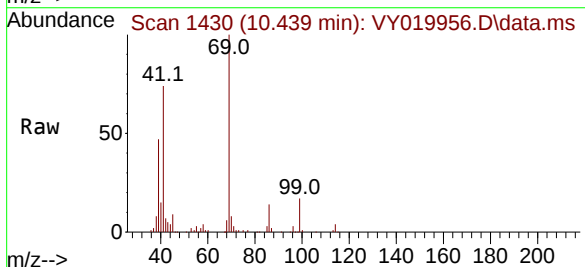
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	97	Resp:	41595
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.5	101.3
85	56.8	42.9	64.3
99	64.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 17.967 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion:	69	Resp:	56856
Ion	Ratio	Lower	Upper
69	100		
41	72.0	42.3	63.5#
39	44.6	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 19.347 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

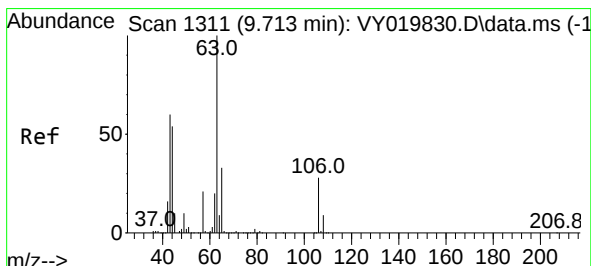
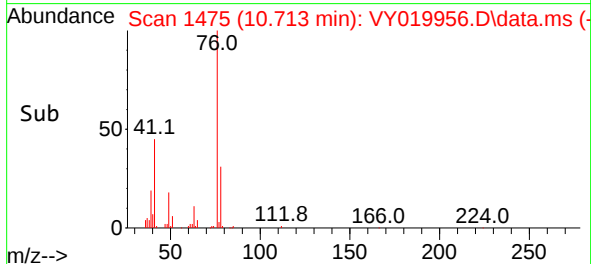
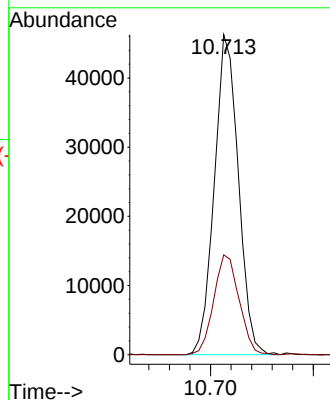
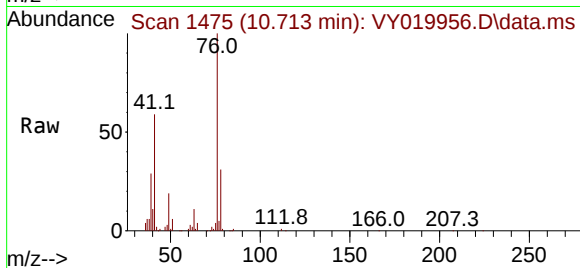
ClientSampleId :

Tgt Ion: 76 Resp: 74931

Ion Ratio Lower Upper

76 100

78 32.9 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 97.732 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY019956.D

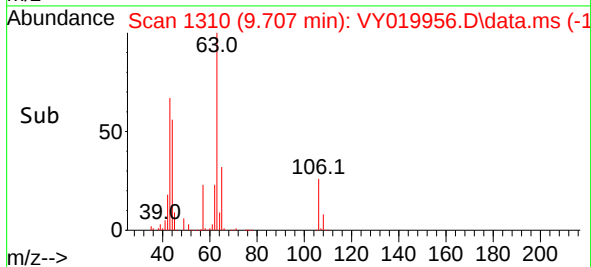
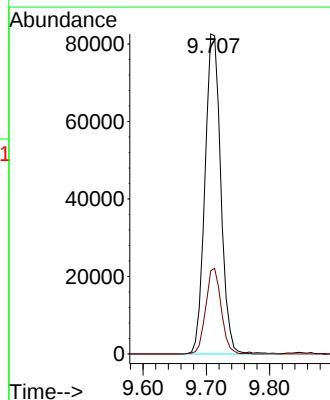
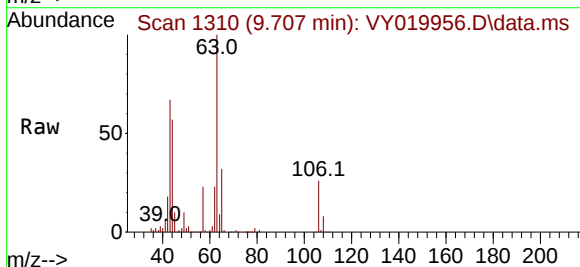
Acq: 21 Oct 2024 11:52

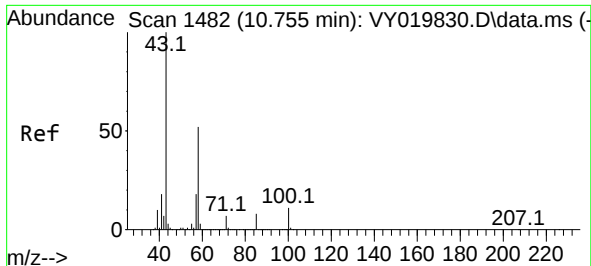
Tgt Ion: 63 Resp: 143977

Ion Ratio Lower Upper

63 100

106 26.1 23.7 35.5

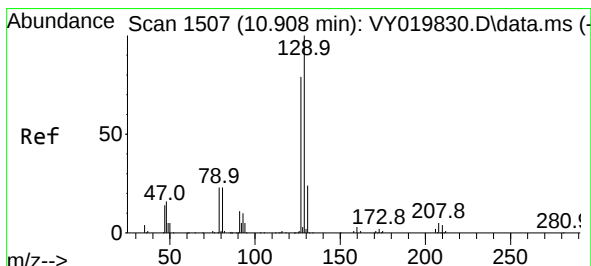
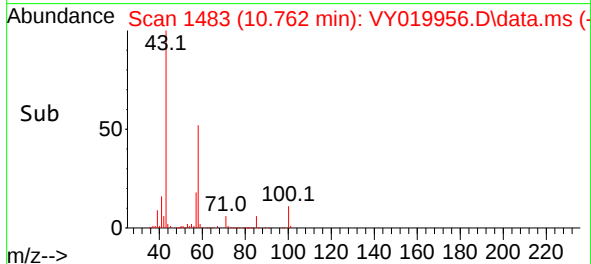
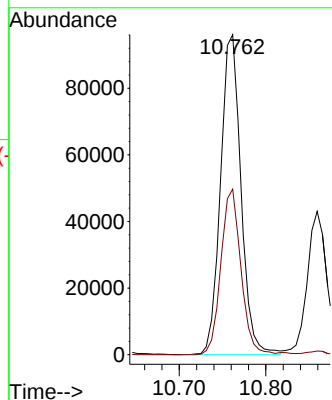
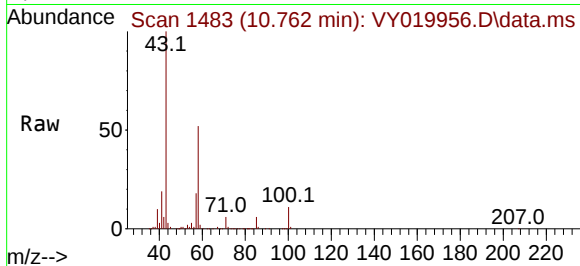




#59
2-Hexanone
Concen: 100.592 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

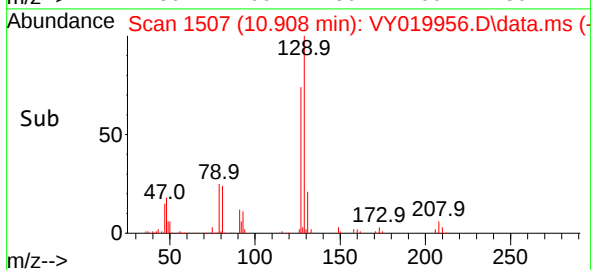
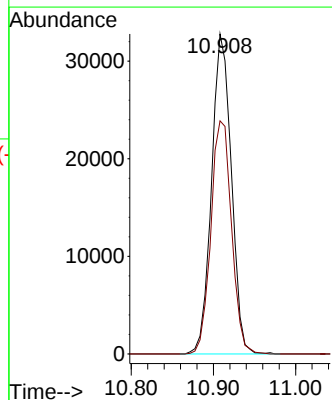
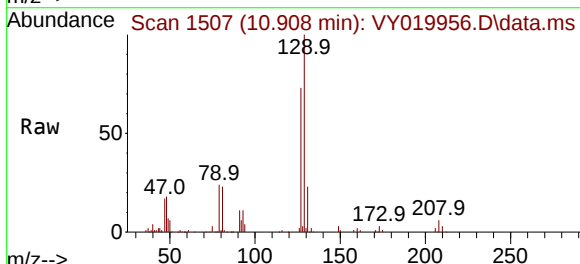
Instrument :
MSVOA_Y
ClientSampleId :

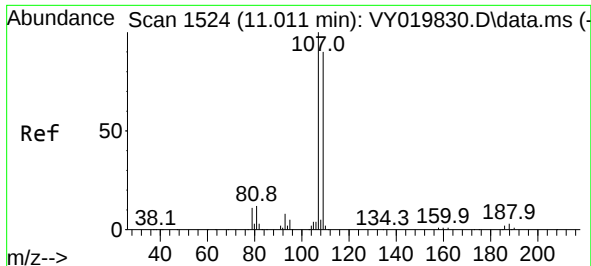
Tgt Ion: 43 Resp: 157619
Ion Ratio Lower Upper
43 100
58 50.5 31.4 94.0



#60
Dibromochloromethane
Concen: 19.314 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 129 Resp: 54670
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

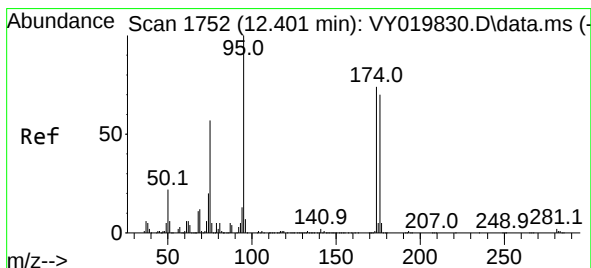
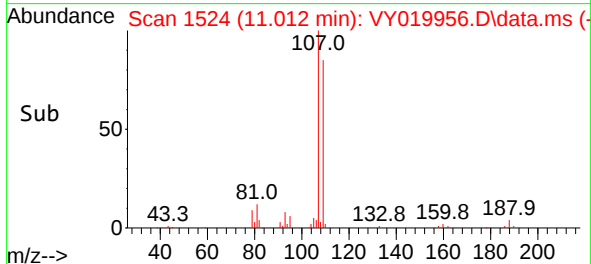
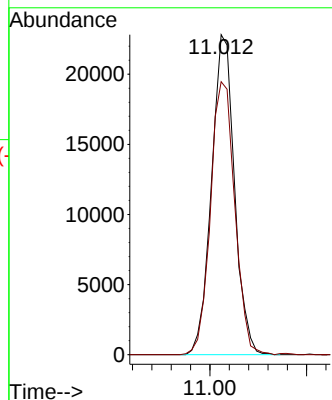
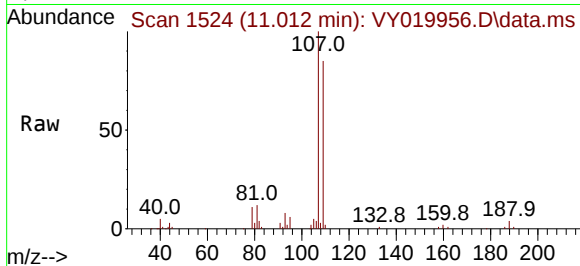




#61
1,2-Dibromoethane
Concen: 18.854 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

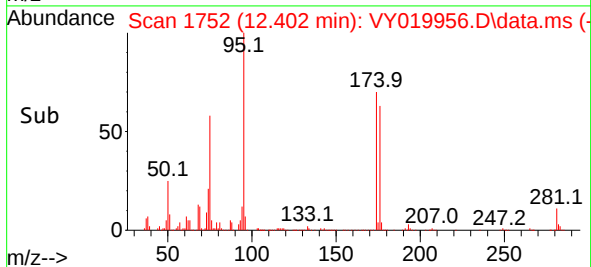
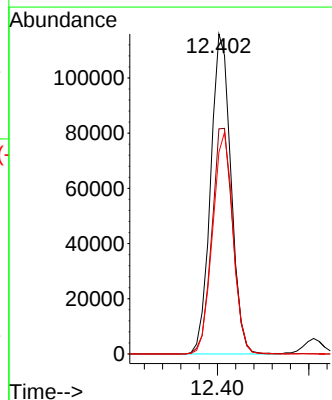
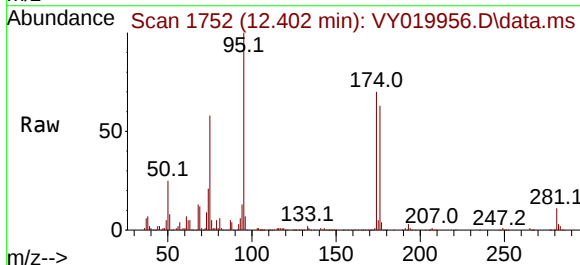
Instrument :
MSVOA_Y
ClientSampleId :

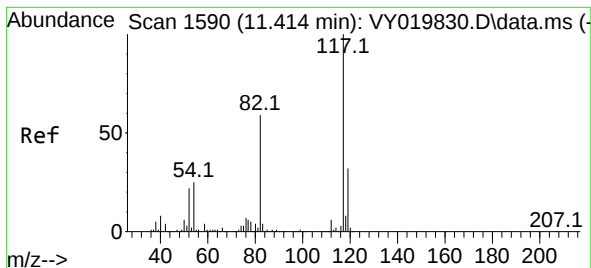
Tgt Ion:107 Resp: 37575
Ion Ratio Lower Upper
107 100
109 90.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 47.663 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 95 Resp: 178550
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 69.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

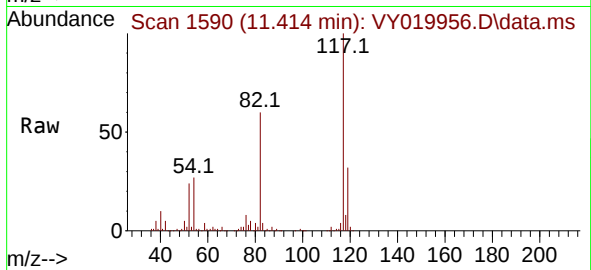
Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :



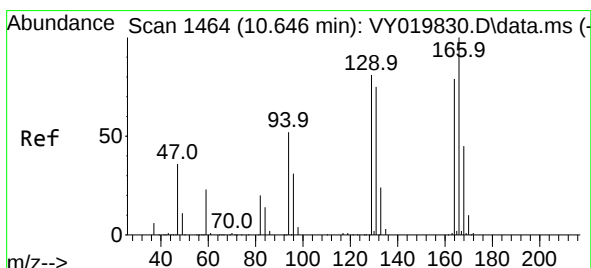
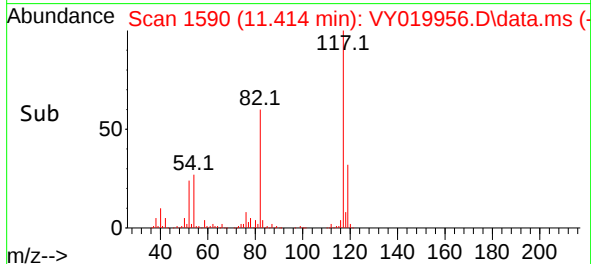
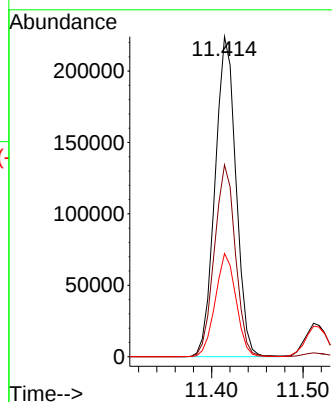
Tgt Ion:117 Resp: 356694

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 32.3 25.9 38.9



#64

Tetrachloroethene

Concen: 18.160 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Tgt Ion:164 Resp: 46075

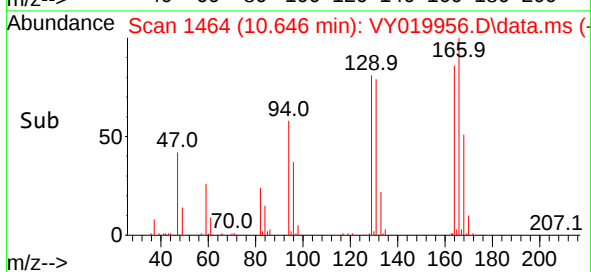
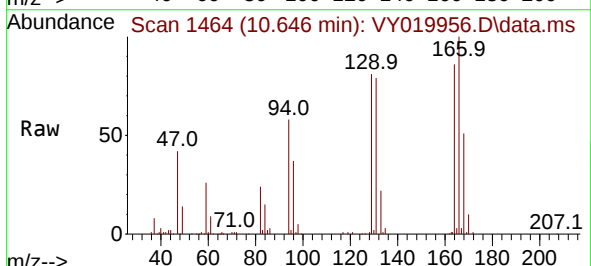
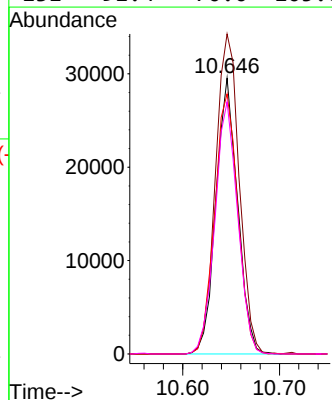
Ion Ratio Lower Upper

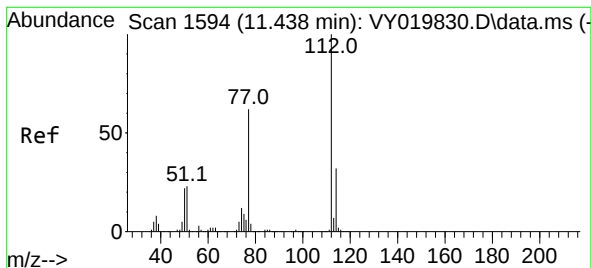
164 100

166 116.0 102.6 154.0

129 94.3 72.0 108.0

131 91.4 70.0 105.0





#65

Chlorobenzene

Concen: 19.479 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

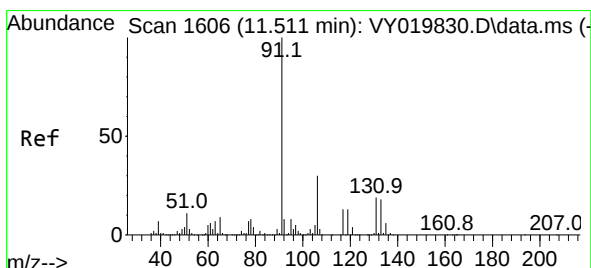
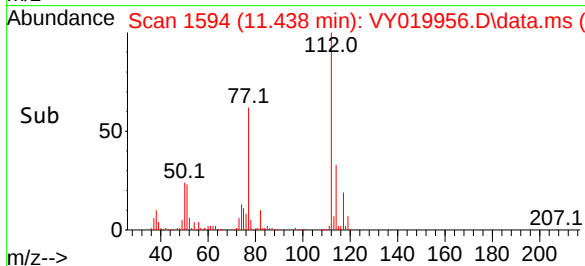
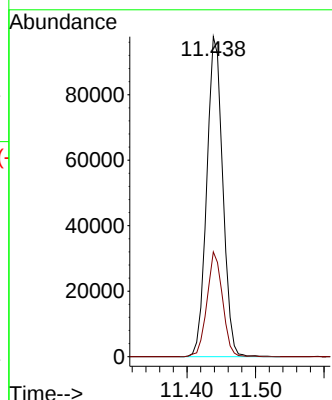
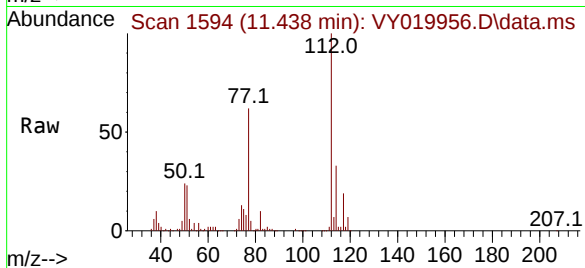
ClientSampleId :

Tgt Ion:112 Resp: 158919

Ion Ratio Lower Upper

112 100

114 32.7 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.798 ug/l

RT: 11.512 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

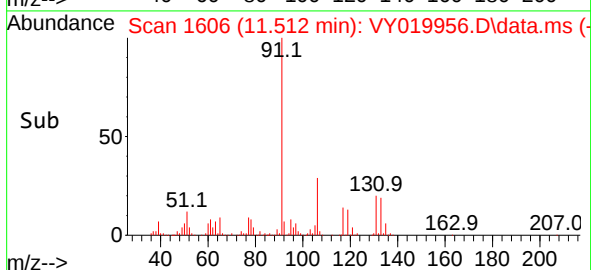
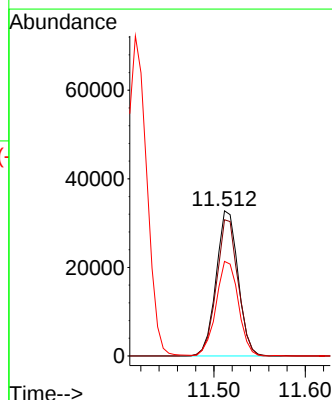
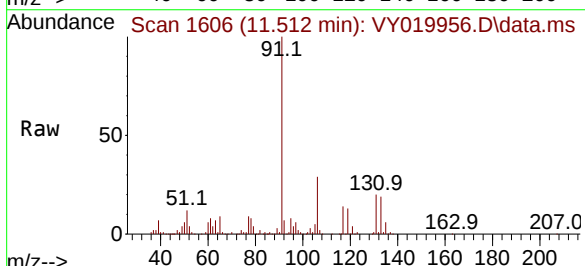
Tgt Ion:131 Resp: 54648

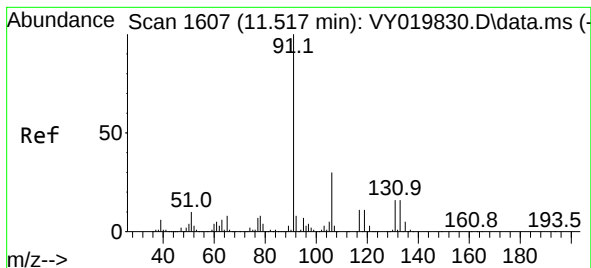
Ion Ratio Lower Upper

131 100

133 92.6 47.8 143.3

119 66.4 34.1 102.2





#67

Ethyl Benzene

Concen: 19.600 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

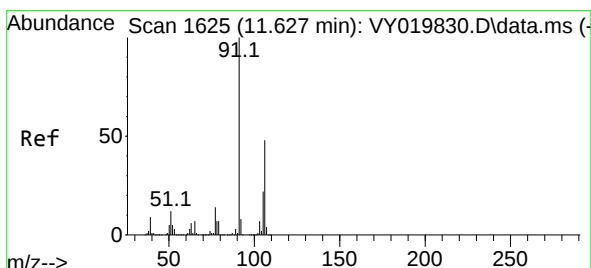
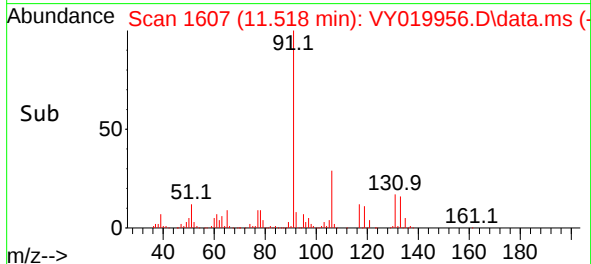
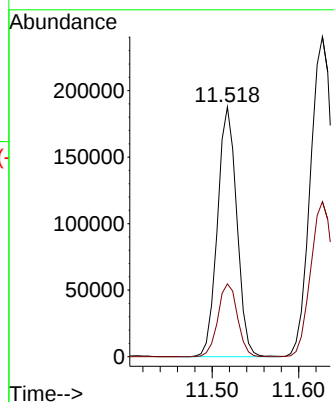
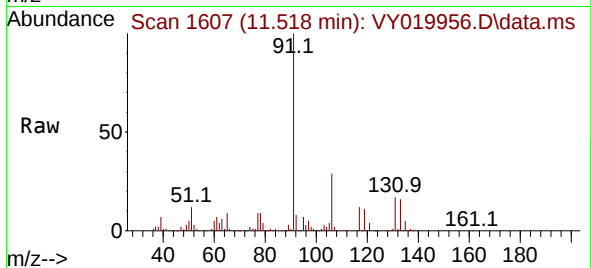
ClientSampleId :

Tgt Ion: 91 Resp: 290468

Ion Ratio Lower Upper

91 100

106 29.2 24.5 36.7



#68

m/p-Xylenes

Concen: 38.924 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019956.D

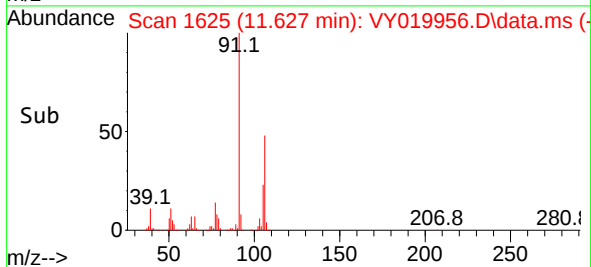
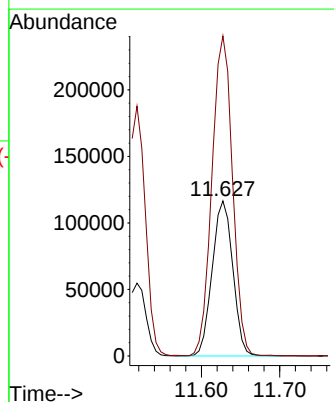
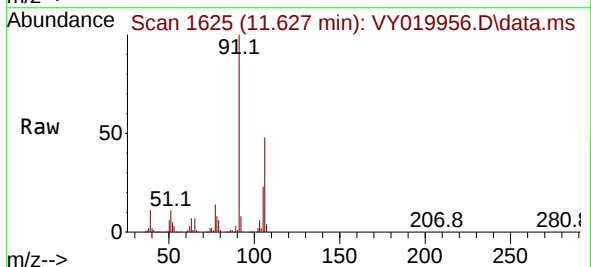
Acq: 21 Oct 2024 11:52

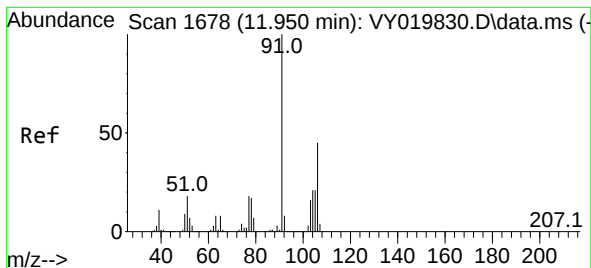
Tgt Ion:106 Resp: 213047

Ion Ratio Lower Upper

106 100

91 206.6 156.0 234.0





#69

o-Xylene

Concen: 18.931 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

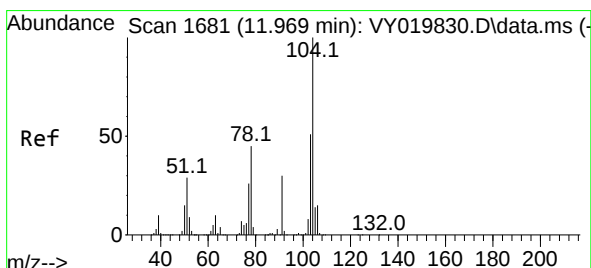
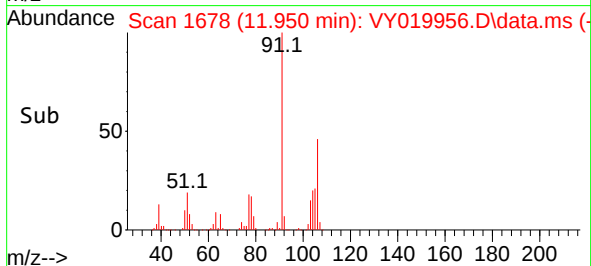
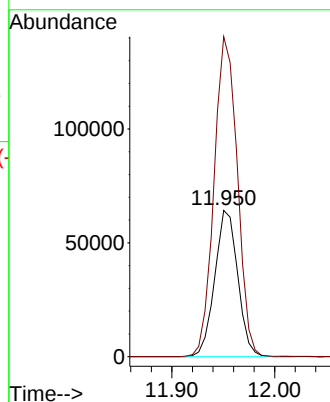
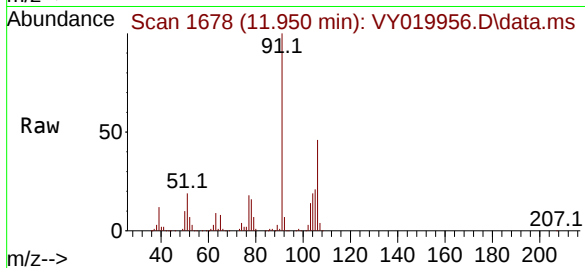
ClientSampleId :

Tgt Ion:106 Resp: 99554

Ion Ratio Lower Upper

106 100

91 222.5 103.6 310.8



#70

Styrene

Concen: 19.454 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

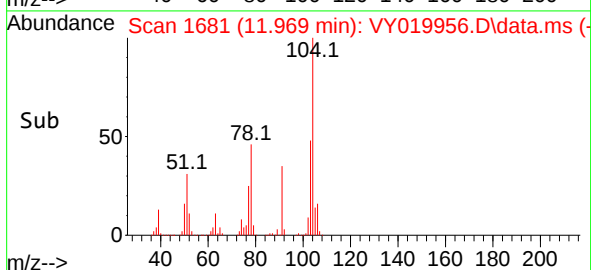
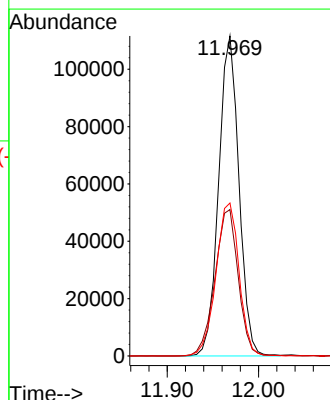
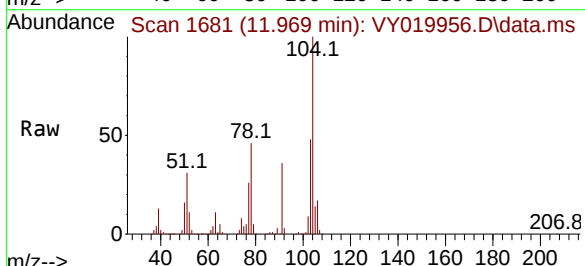
Tgt Ion:104 Resp: 172605

Ion Ratio Lower Upper

104 100

78 52.6 37.0 55.4

103 54.3 44.2 66.2





#71

Bromoform

Concen: 18.933 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

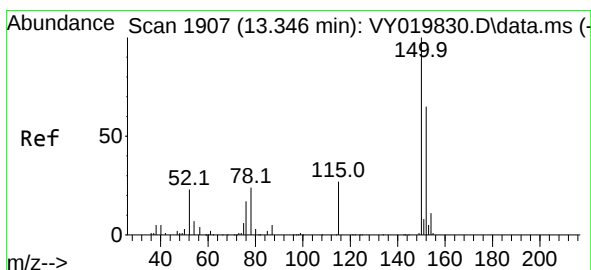
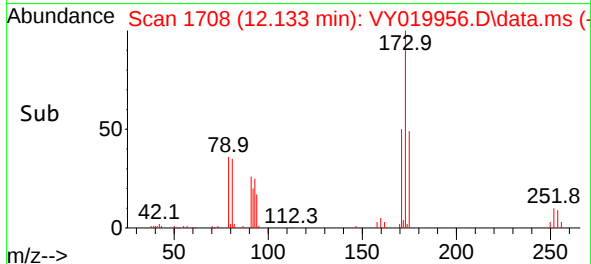
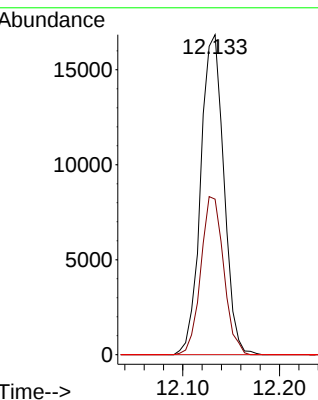
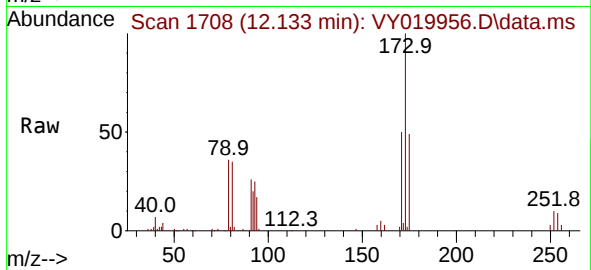
Tgt Ion:173 Resp: 27977

Ion Ratio Lower Upper

173 100

175 48.8 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: VY019956.D

Acq: 21 Oct 2024 11:52

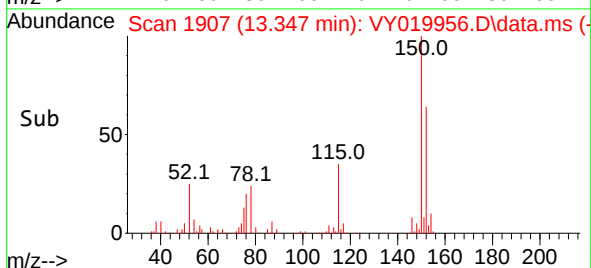
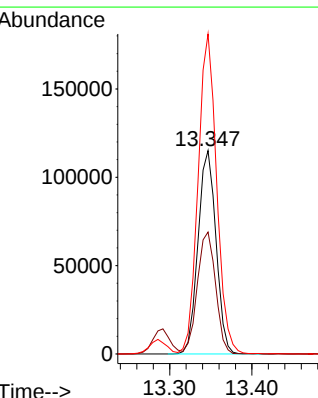
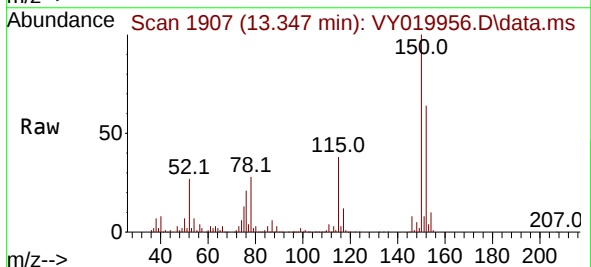
Tgt Ion:152 Resp: 174803

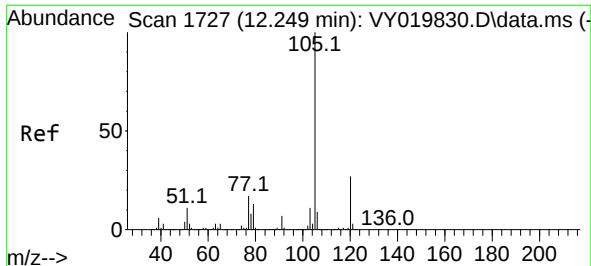
Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 162.3 0.0 345.6

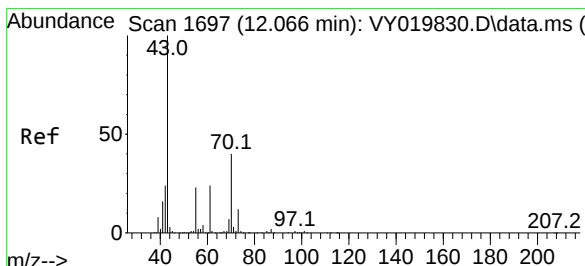
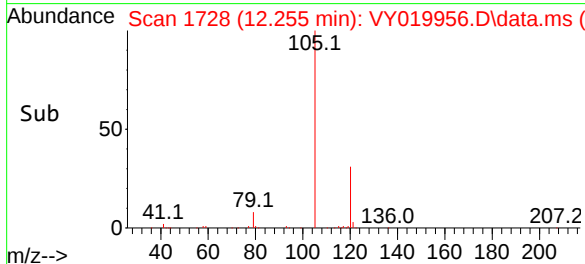
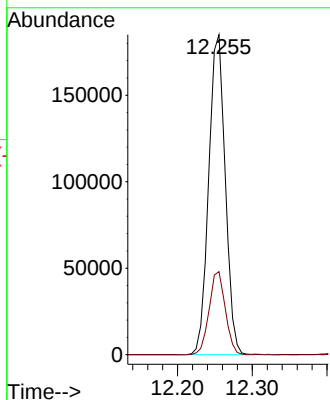
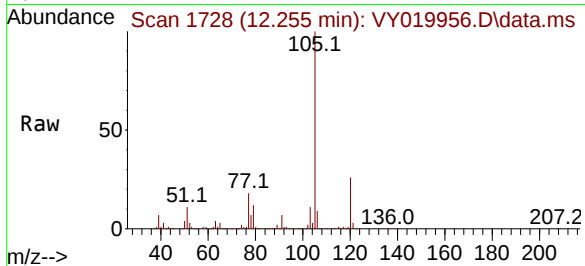




#73
Isopropylbenzene
Concen: 19.325 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

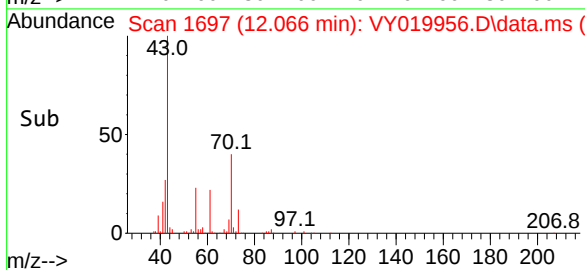
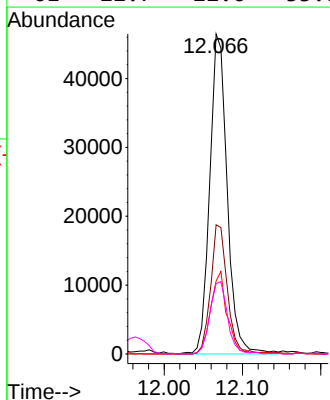
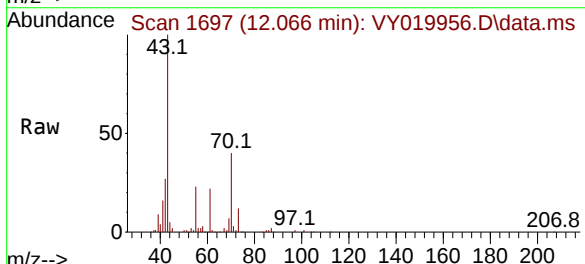
Instrument :
MSVOA_Y
ClientSampleId :

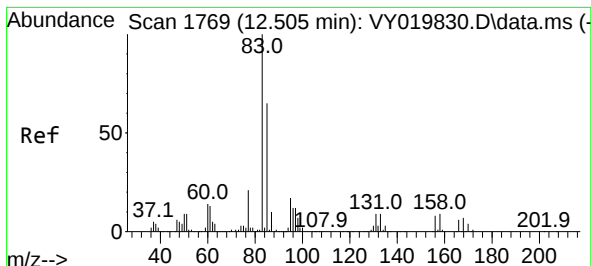
Tgt Ion:105 Resp: 284138
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



#74
N-ethyl acetate
Concen: 18.469 ug/l
RT: 12.066 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 43 Resp: 71925
Ion Ratio Lower Upper
43 100
70 38.4 41.4 62.2#
55 24.8 23.3 34.9
61 22.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.735 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

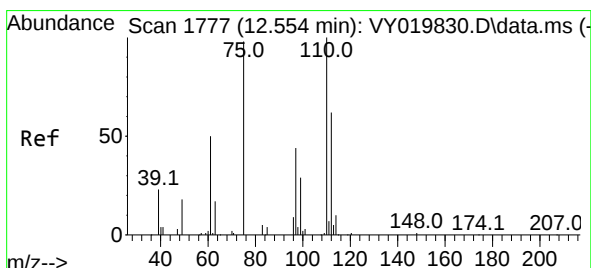
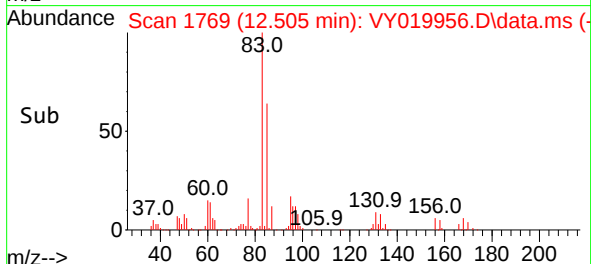
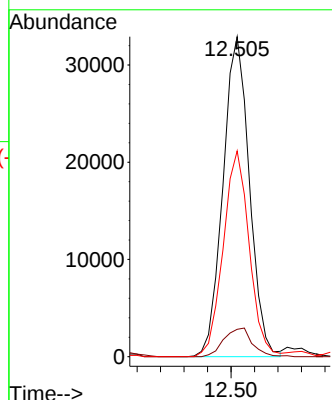
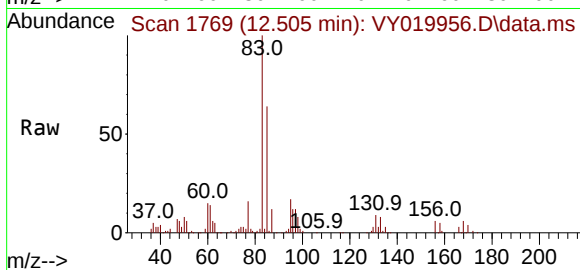
Tgt Ion: 83 Resp: 51560

Ion Ratio Lower Upper

83 100

131 9.6 5.0 14.9

85 63.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 18.430 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019956.D

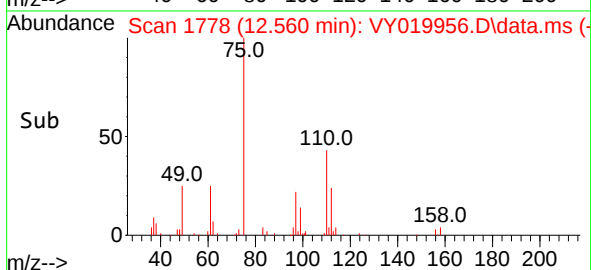
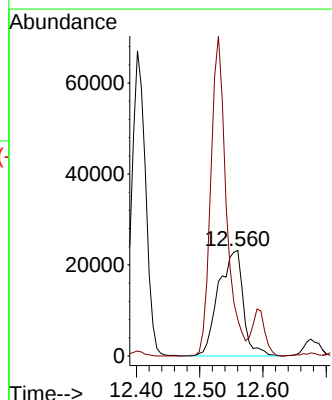
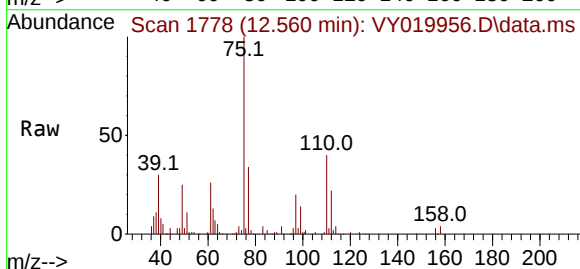
Acq: 21 Oct 2024 11:52

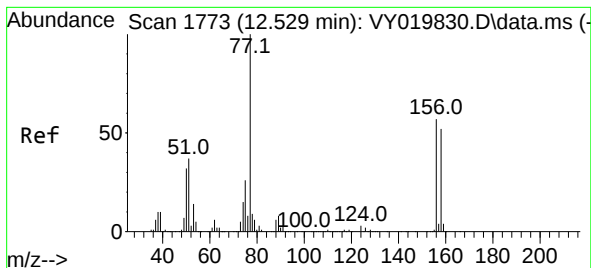
Tgt Ion: 75 Resp: 63111

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.166 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019956.D

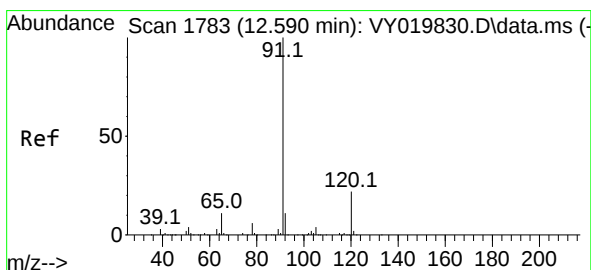
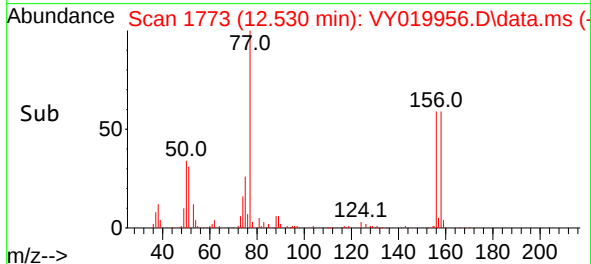
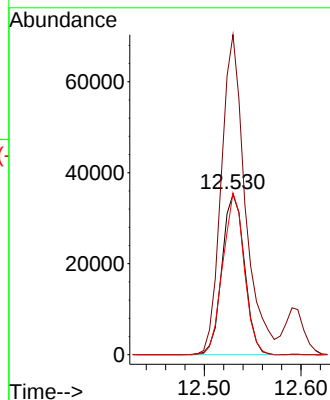
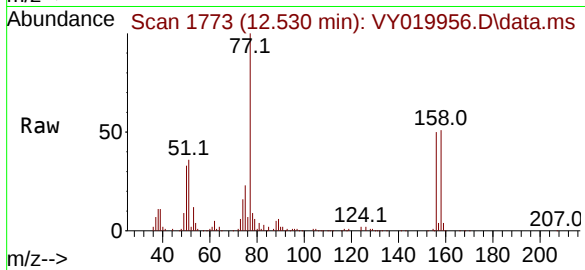
Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	56679
Ion Ratio	Lower	Upper	
156	100		
77	213.5	87.1	261.3
158	96.4	48.6	145.9



#78

n-propylbenzene

Concen: 20.070 ug/l

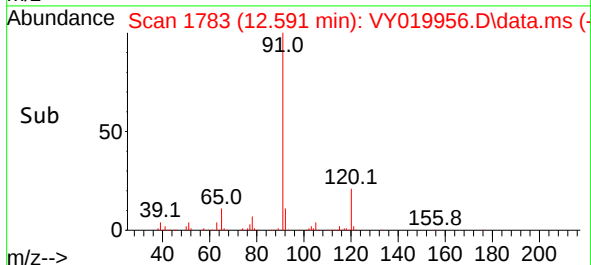
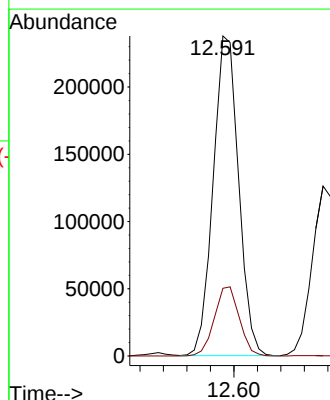
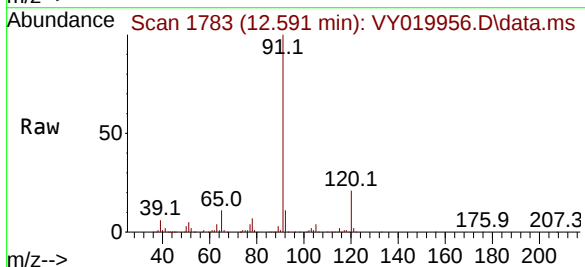
RT: 12.591 min Scan# 1783

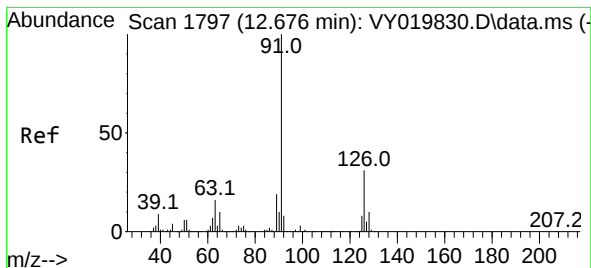
Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Tgt Ion:	91	Resp:	356566
Ion Ratio	Lower	Upper	
91	100		
120	21.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 19.539 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

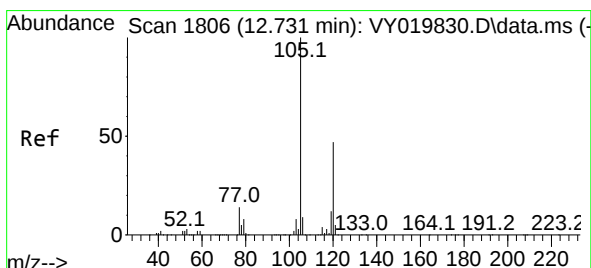
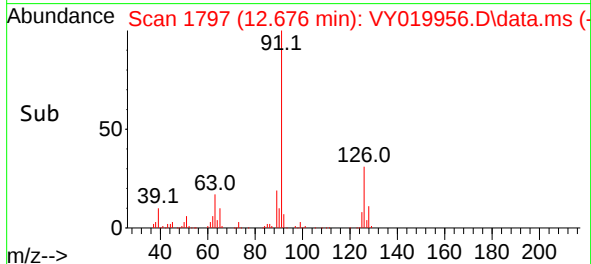
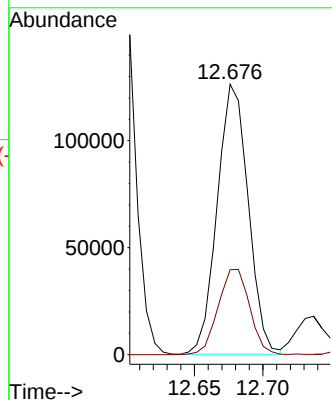
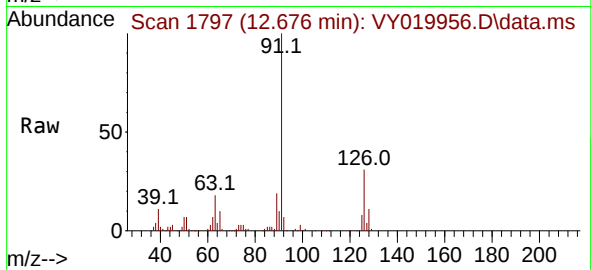
ClientSampleId :

Tgt Ion: 91 Resp: 199011

Ion Ratio Lower Upper

91 100

126 32.0 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.227 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019956.D

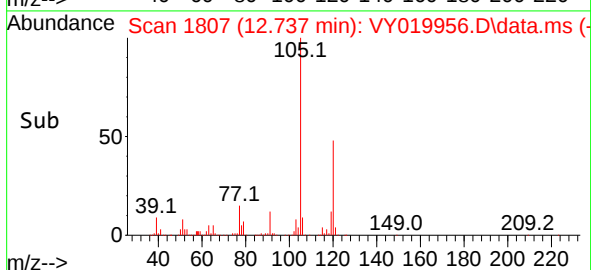
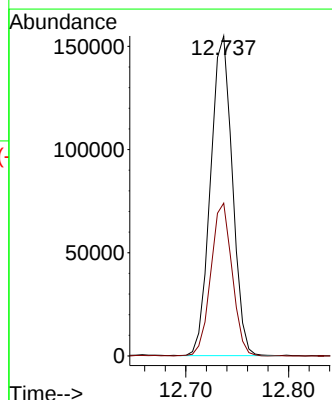
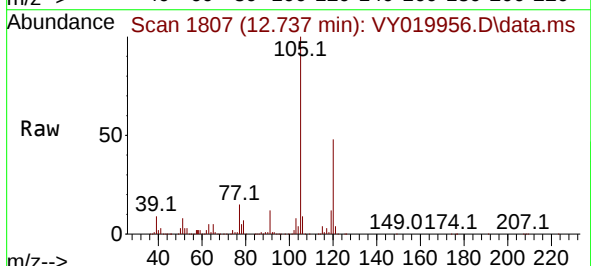
Acq: 21 Oct 2024 11:52

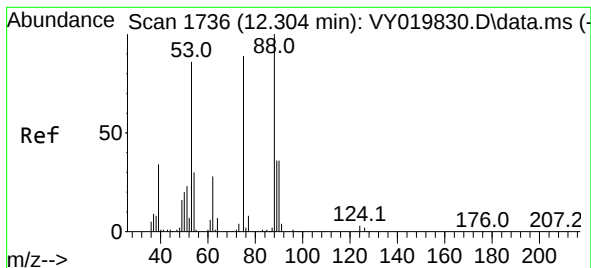
Tgt Ion:105 Resp: 228302

Ion Ratio Lower Upper

105 100

120 46.6 25.1 75.2

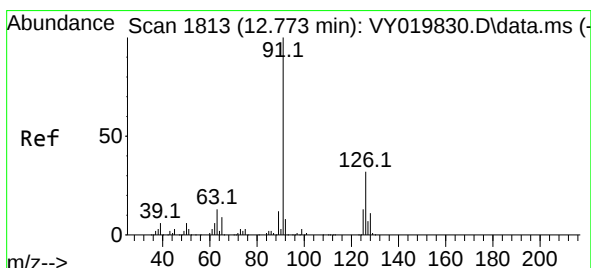
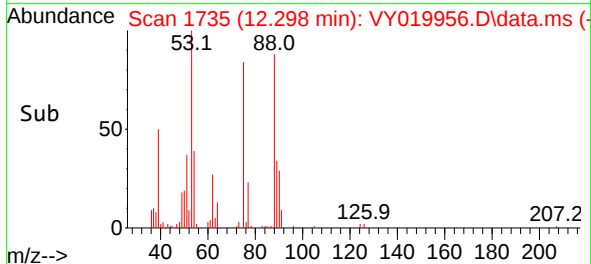
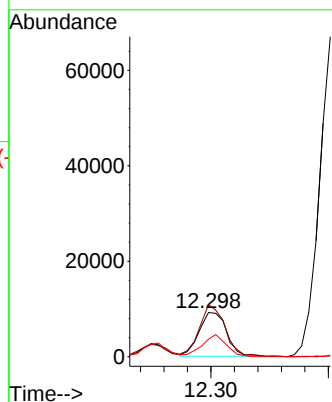
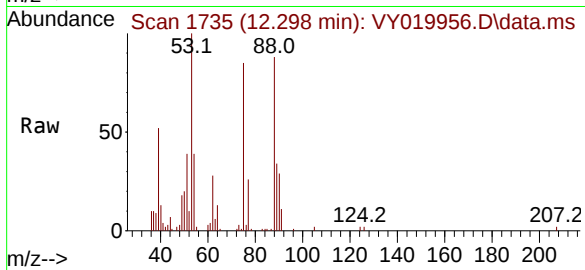




#81
trans-1,4-Dichloro-2-butene
Concen: 17.502 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

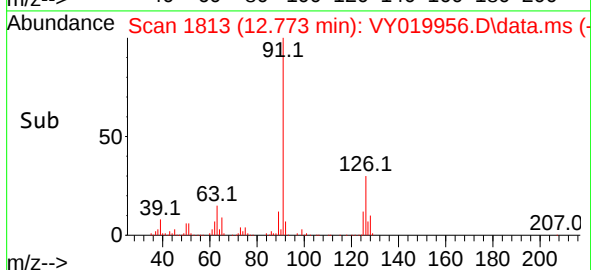
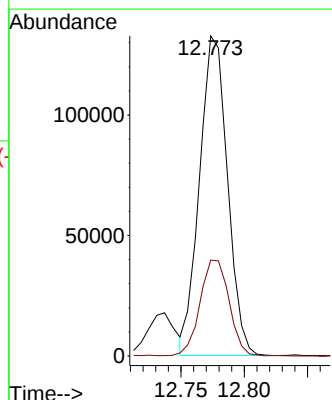
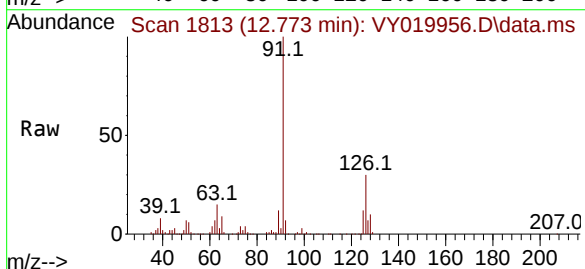
Instrument :
MSVOA_Y
ClientSampleId :

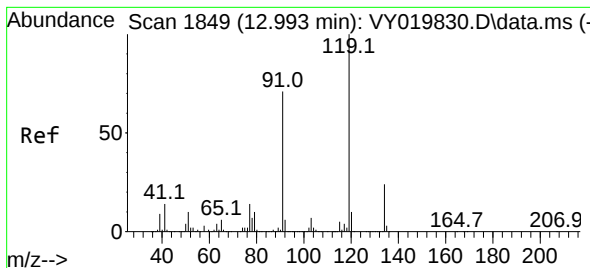
Tgt Ion: 75 Resp: 14848
Ion Ratio Lower Upper
75 100
53 112.1 66.8 100.2#
89 44.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.609 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 91 Resp: 204214
Ion Ratio Lower Upper
91 100
126 31.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.378 ug/l

RT: 12.993 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

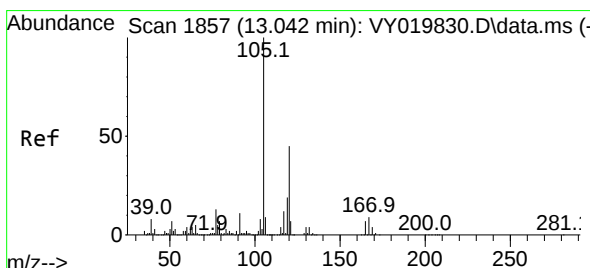
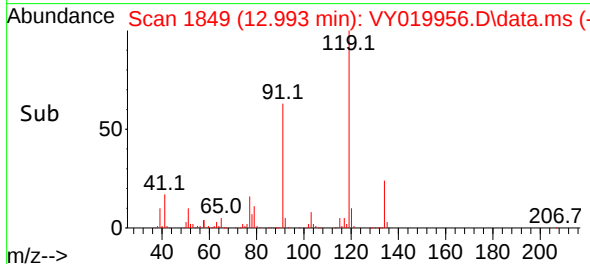
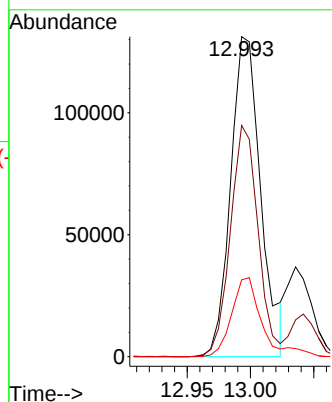
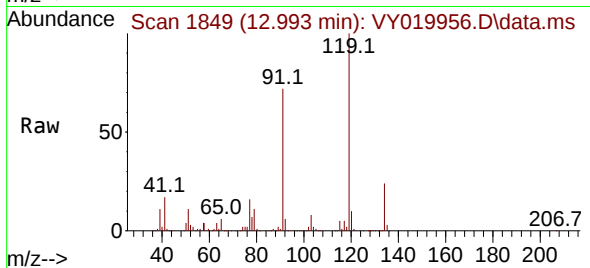
Tgt Ion:119 Resp: 216765

Ion Ratio Lower Upper

119 100

91 66.7 31.3 93.8

134 24.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.138 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019956.D

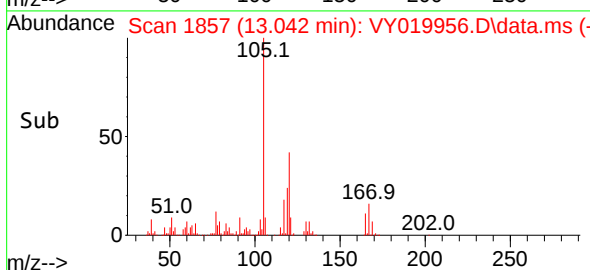
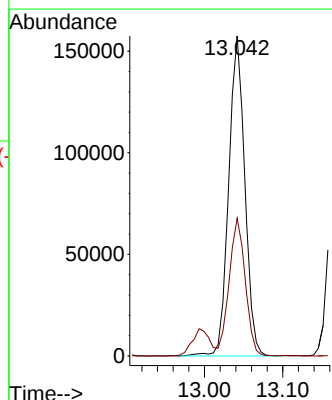
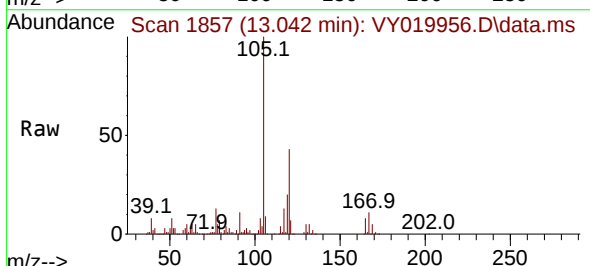
Acq: 21 Oct 2024 11:52

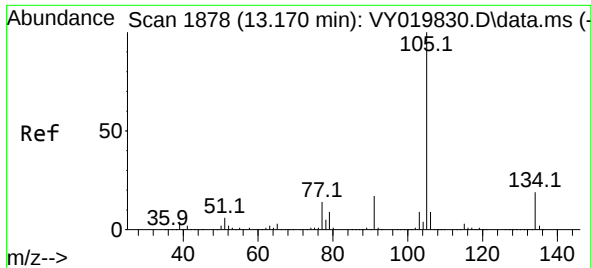
Tgt Ion:105 Resp: 225309

Ion Ratio Lower Upper

105 100

120 42.7 23.2 69.6

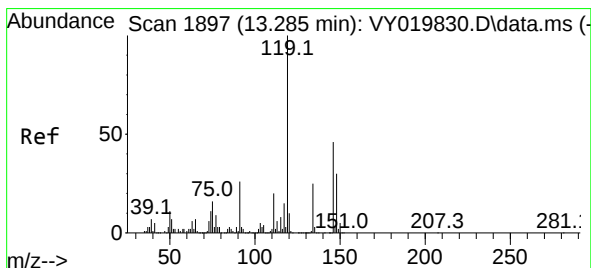
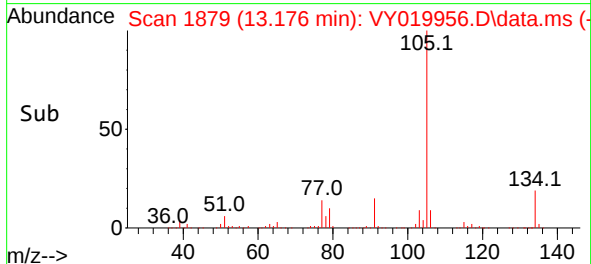
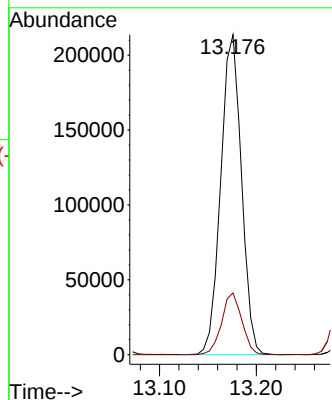
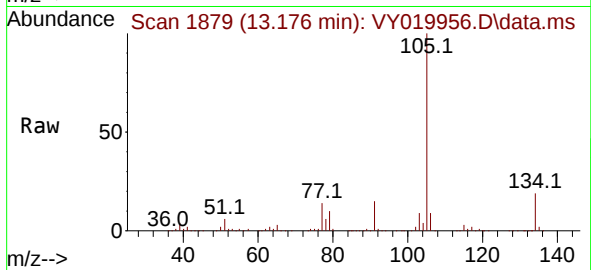




#85
 sec-Butylbenzene
 Concen: 19.949 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

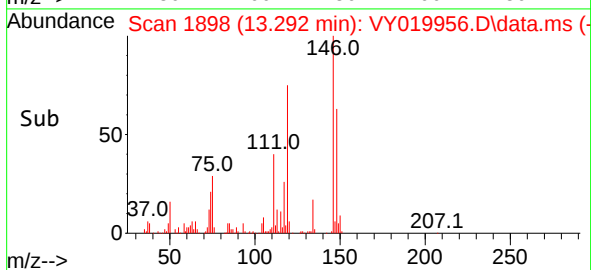
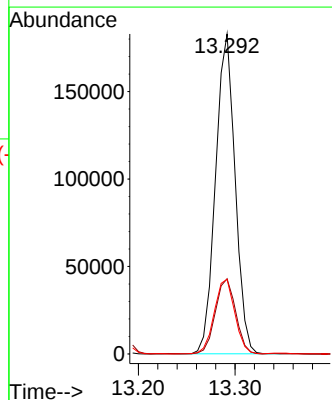
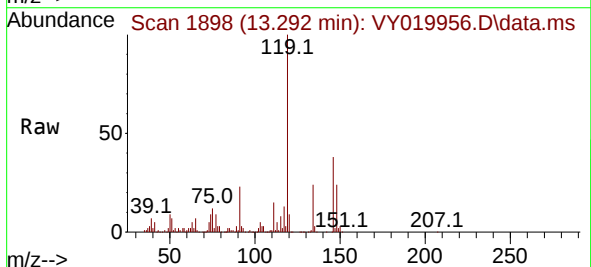
Instrument :
 MSVOA_Y
 ClientSampleId :

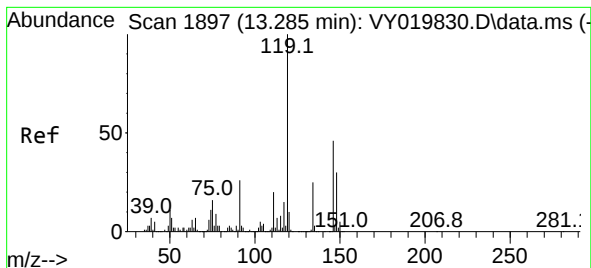
Tgt Ion:105 Resp: 317054
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.900 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019956.D
 Acq: 21 Oct 2024 11:52

Tgt Ion:119 Resp: 256820
 Ion Ratio Lower Upper
 119 100
 134 24.4 13.1 39.3
 91 24.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.238 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

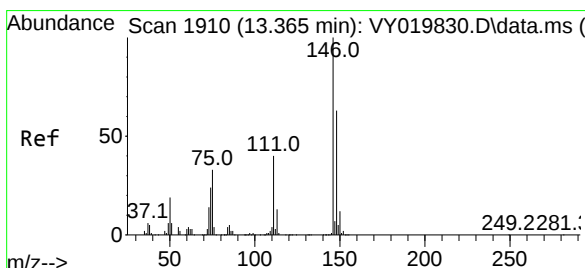
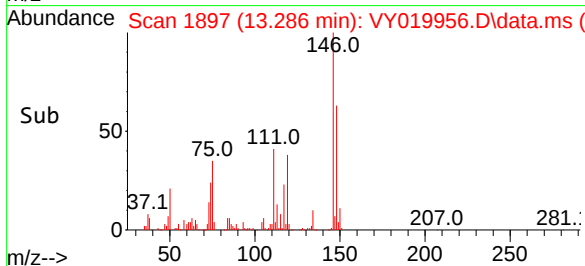
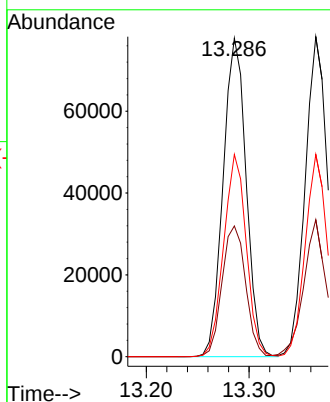
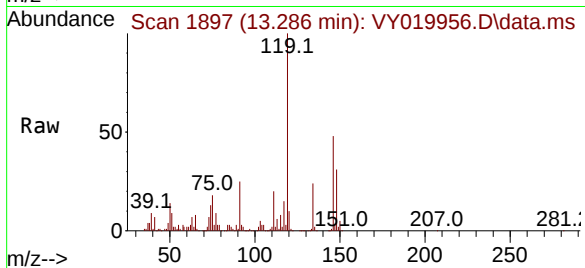
Tgt Ion:146 Resp: 121218

Ion Ratio Lower Upper

146 100

111 42.1 19.0 57.0

148 62.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.104 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

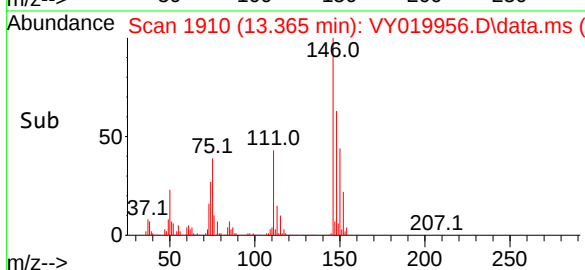
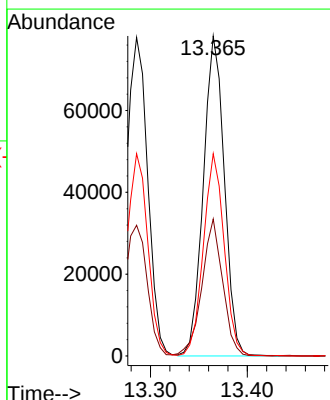
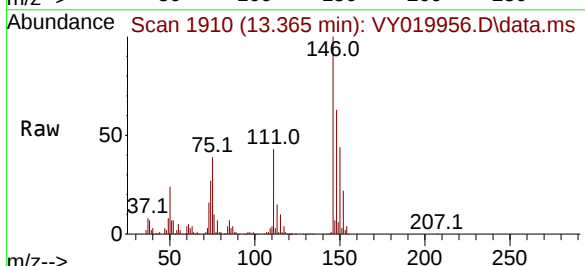
Tgt Ion:146 Resp: 118253

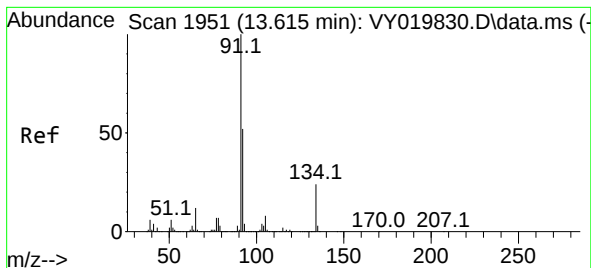
Ion Ratio Lower Upper

146 100

111 42.1 18.4 55.4

148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 20.574 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

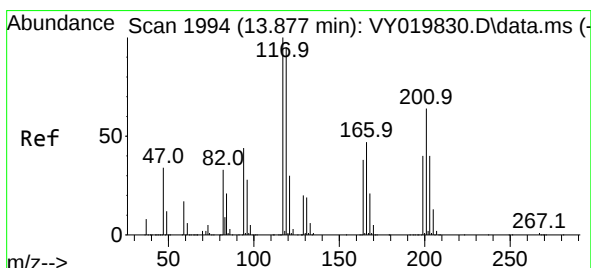
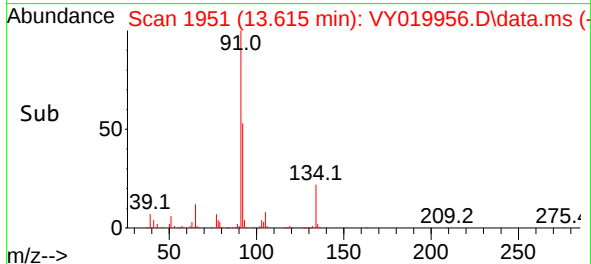
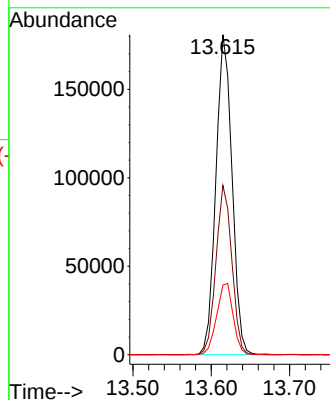
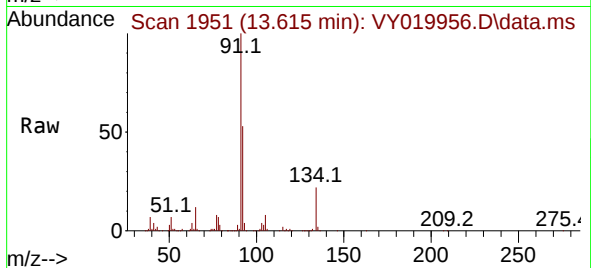
Tgt Ion: 91 Resp: 259272

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 22.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.040 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019956.D

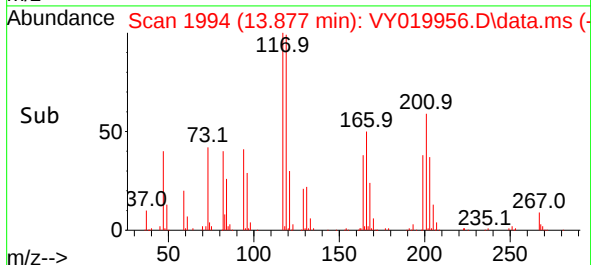
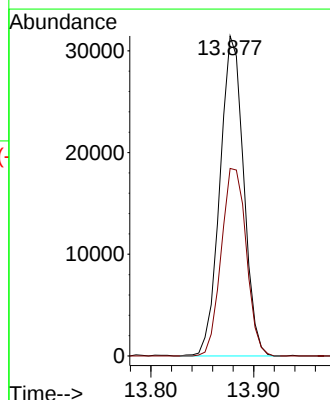
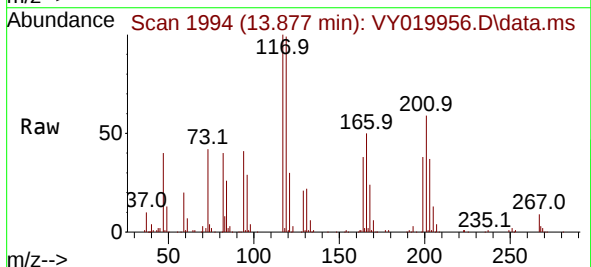
Acq: 21 Oct 2024 11:52

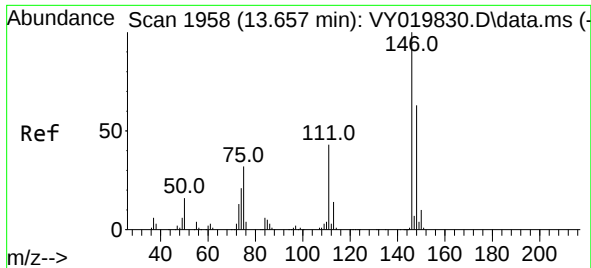
Tgt Ion: 117 Resp: 50360

Ion Ratio Lower Upper

117 100

201 61.9 37.4 112.2

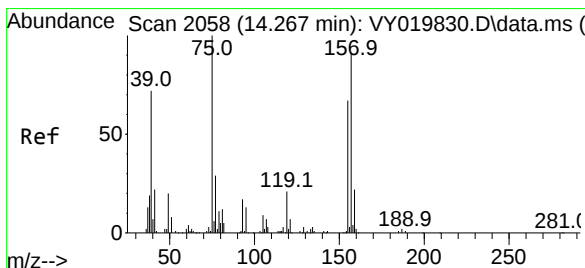
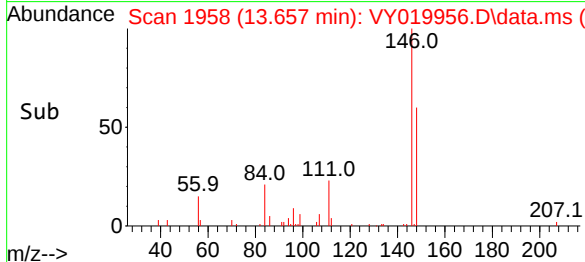
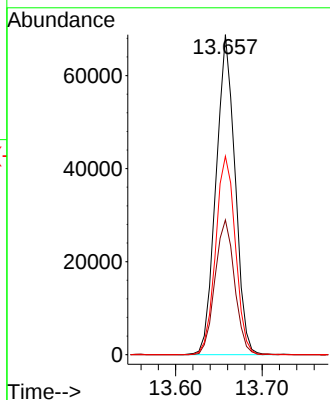
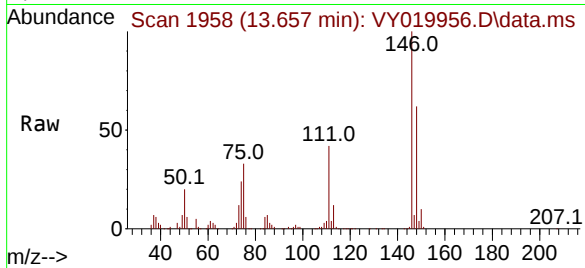




#91
1,2-Dichlorobenzene
Concen: 19.004 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

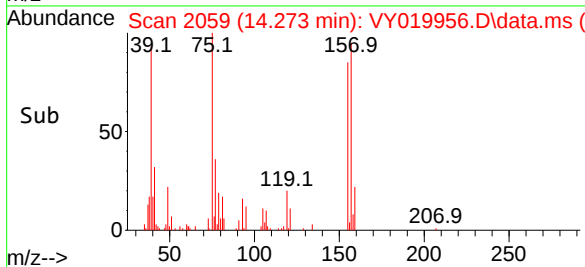
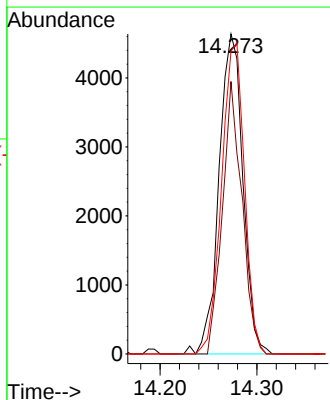
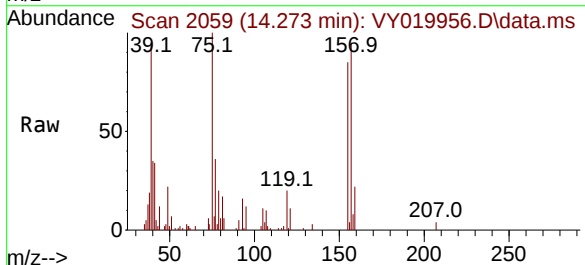
Instrument :
MSVOA_Y
ClientSampleId :

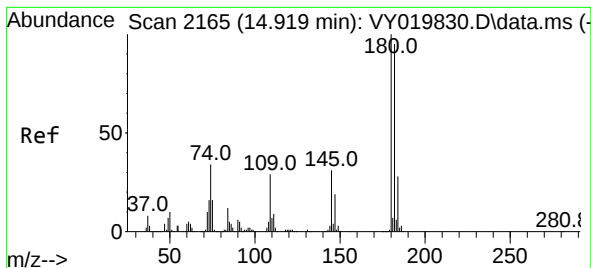
Tgt Ion:146 Resp: 105211
Ion Ratio Lower Upper
146 100
111 43.2 19.9 59.7
148 64.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.038 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019956.D
Acq: 21 Oct 2024 11:52

Tgt Ion: 75 Resp: 7938
Ion Ratio Lower Upper
75 100
155 69.9 48.6 145.8
157 93.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.744 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Instrument :

MSVOA_Y

ClientSampleId :

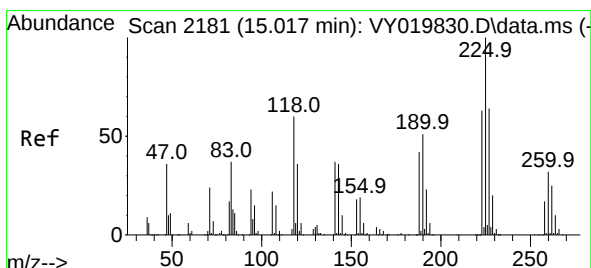
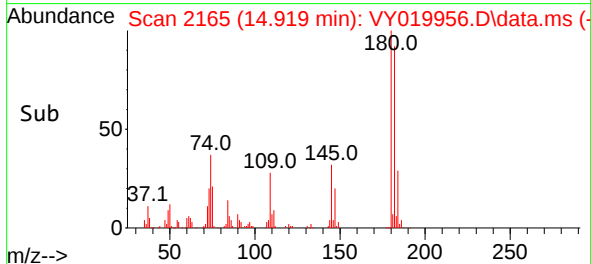
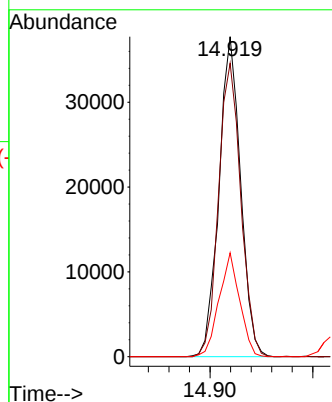
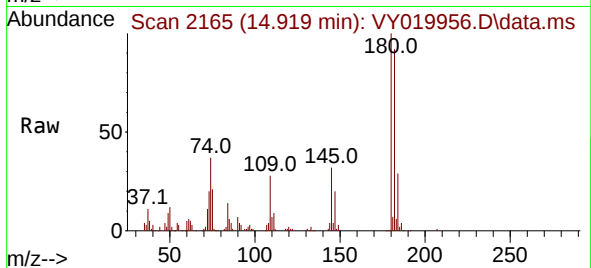
Tgt Ion:180 Resp: 55086

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.595 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

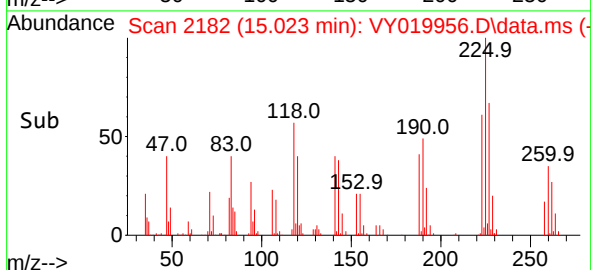
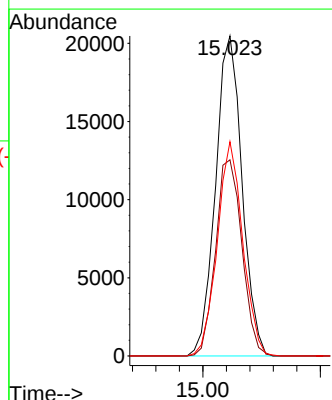
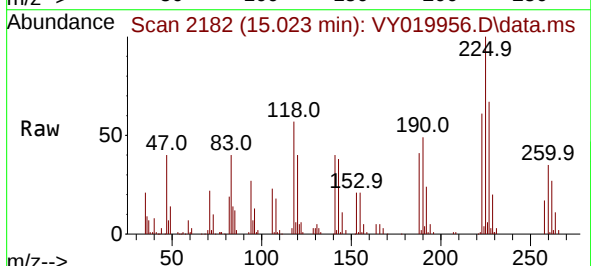
Tgt Ion:225 Resp: 32094

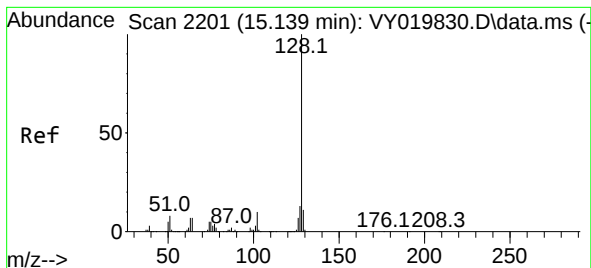
Ion Ratio Lower Upper

225 100

223 61.0 30.4 91.2

227 64.4 31.9 95.9





#95

Naphthalene

Concen: 16.372 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

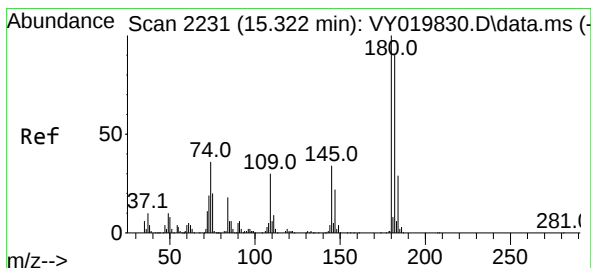
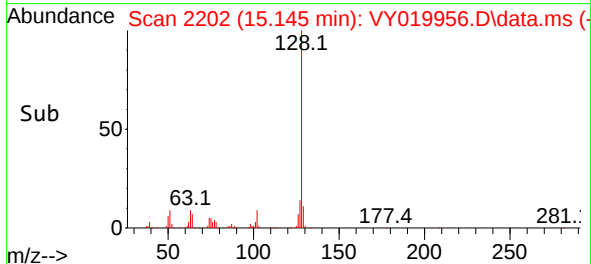
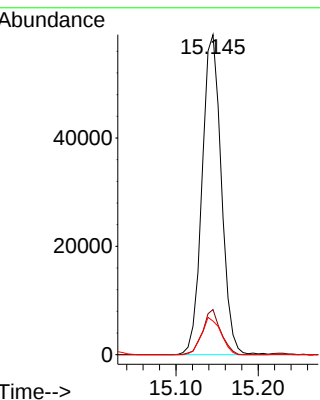
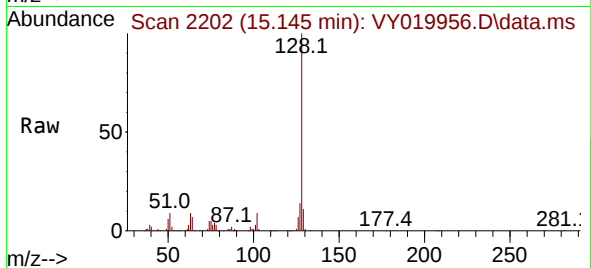
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128 Resp: 95861

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	16.0
129	11.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.059 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019956.D

Acq: 21 Oct 2024 11:52

Tgt Ion:180 Resp: 44766

Ion	Ratio	Lower	Upper
180	100		
182	96.4	47.6	142.9
145	34.9	15.4	46.1

