

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019691.D
 Acq On : 25 Sep 2024 13:21
 Operator : SY/MD
 Sample : VY0925SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 03:57:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	355170	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	631616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	542971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	259007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	170476	51.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.634	113	175004	48.868	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.740%	
50) Toluene-d8	10.109	98	617865	46.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.300%	
62) 4-Bromofluorobenzene	12.407	95	231676	45.488	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	46998	21.909	ug/l	98
3) Chloromethane	2.074	50	62584	21.298	ug/l	95
4) Vinyl Chloride	2.214	62	69822	21.974	ug/l	96
5) Bromomethane	2.598	94	48849	25.028	ug/l	100
6) Chloroethane	2.745	64	49302	23.735	ug/l	99
7) Trichlorofluoromethane	3.068	101	115382	21.784	ug/l	97
8) Diethyl Ether	3.464	74	38604	21.712	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.818	101	67055	20.465	ug/l	95
10) Methyl Iodide	4.007	142	71557	17.034	ug/l	92
11) Tert butyl alcohol	4.854	59	31274	117.750	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	63043	20.006	ug/l	90
13) Acrolein	3.653	56	13817	99.432	ug/l	92
14) Allyl chloride	4.391	41	108333	19.171	ug/l	# 92
15) Acrylonitrile	5.061	53	83063	108.349	ug/l	99
16) Acetone	3.872	43	87200	111.294	ug/l	# 87
17) Carbon Disulfide	4.110	76	140574	16.511	ug/l	98
18) Methyl Acetate	4.385	43	42934	20.192	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	189372	21.219	ug/l	100
20) Methylene Chloride	4.616	84	76263	21.343	ug/l	# 86
21) trans-1,2-Dichloroethene	5.116	96	69601	20.151	ug/l	91
22) Diisopropyl ether	6.024	45	242059	20.859	ug/l	95
23) Vinyl Acetate	5.963	43	667875	100.762	ug/l	95
24) 1,1-Dichloroethane	5.915	63	140794	21.622	ug/l	97
25) 2-Butanone	6.890	43	118503	106.343	ug/l	88
26) 2,2-Dichloropropane	6.884	77	126308	21.504	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	90519	21.575	ug/l	90
28) Bromochloromethane	7.244	49	55440	20.235	ug/l	86
29) Tetrahydrofuran	7.262	42	71303	105.238	ug/l	88
30) Chloroform	7.421	83	148952	22.408	ug/l	96
31) Cyclohexane	7.701	56	106762	18.139	ug/l	97
32) 1,1,1-Trichloroethane	7.616	97	129175	21.680	ug/l	97
36) 1,1-Dichloropropene	7.835	75	94714	19.437	ug/l	97
37) Ethyl Acetate	6.982	43	49729	19.917	ug/l	97
38) Carbon Tetrachloride	7.817	117	110099	20.036	ug/l	99
39) Methylcyclohexane	9.109	83	114010	17.581	ug/l	90
40) Benzene	8.079	78	298709	19.902	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	29993	20.608	ug/l #	74
42) 1,2-Dichloroethane	8.158	62	86868	21.509	ug/l	97
43) Isopropyl Acetate	8.195	43	100202	19.103	ug/l	93
44) Trichloroethene	8.865	130	76390	19.790	ug/l	94
45) 1,2-Dichloropropane	9.146	63	74979	20.434	ug/l	97
46) Dibromomethane	9.237	93	42275	21.069	ug/l	96
47) Bromodichloromethane	9.426	83	113787	21.096	ug/l	99
48) Methyl methacrylate	9.219	41	45347	18.307	ug/l	84
49) 1,4-Dioxane	9.231	88	9895	418.898	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	256701	97.273	ug/l	92
52) Toluene	10.170	92	195016	20.203	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	98606	19.178	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	116314	19.428	ug/l #	90
55) 1,1,2-Trichloroethane	10.579	97	55853	20.157	ug/l	96
56) Ethyl methacrylate	10.438	69	81191	19.289	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	97666	20.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	174689	89.417	ug/l	98
59) 2-Hexanone	10.761	43	181845	93.991	ug/l	91
60) Dibromochloromethane	10.914	129	74953	20.448	ug/l	99
61) 1,2-Dibromoethane	11.017	107	50712	19.642	ug/l	96
64) Tetrachloroethene	10.652	164	64075	19.057	ug/l	95
65) Chlorobenzene	11.444	112	217639	20.377	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	74893	20.252	ug/l	98
67) Ethyl Benzene	11.523	91	383007	20.182	ug/l	98
68) m/p-Xylenes	11.633	106	288641	40.224	ug/l	94
69) o-Xylene	11.956	106	141696	20.191	ug/l	95
70) Styrene	11.969	104	239265	20.194	ug/l	96
71) Bromoform	12.133	173	41853	19.815	ug/l #	96
73) Isopropylbenzene	12.255	105	378833	20.161	ug/l	99
74) N-amyl acetate	12.072	43	92955	18.190	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	67410	20.212	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	85444	35.196	ug/l #	100
77) Bromobenzene	12.529	156	84334	20.237	ug/l	92
78) n-propylbenzene	12.596	91	449739	20.194	ug/l	99
79) 2-Chlorotoluene	12.682	91	261236	20.127	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	305192	19.979	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	20235	16.001	ug/l #	87
82) 4-Chlorotoluene	12.779	91	272890	20.451	ug/l	94
83) tert-Butylbenzene	12.999	119	280225	20.264	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	304517	20.139	ug/l	97
85) sec-Butylbenzene	13.176	105	408179	20.318	ug/l	100
86) p-Isopropyltoluene	13.291	119	333000	20.260	ug/l	97
87) 1,3-Dichlorobenzene	13.291	146	169589	20.943	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	164633	20.486	ug/l	97
89) n-Butylbenzene	13.621	91	314991	20.046	ug/l	100
90) Hexachloroethane	13.883	117	67108	19.622	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	149365	20.670	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10658	19.174	ug/l	78
93) 1,2,4-Trichlorobenzene	14.919	180	82876	18.857	ug/l	97
94) Hexachlorobutadiene	15.023	225	45794	19.504	ug/l	99
95) Naphthalene	15.145	128	178469	20.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	70709	18.809	ug/l	97

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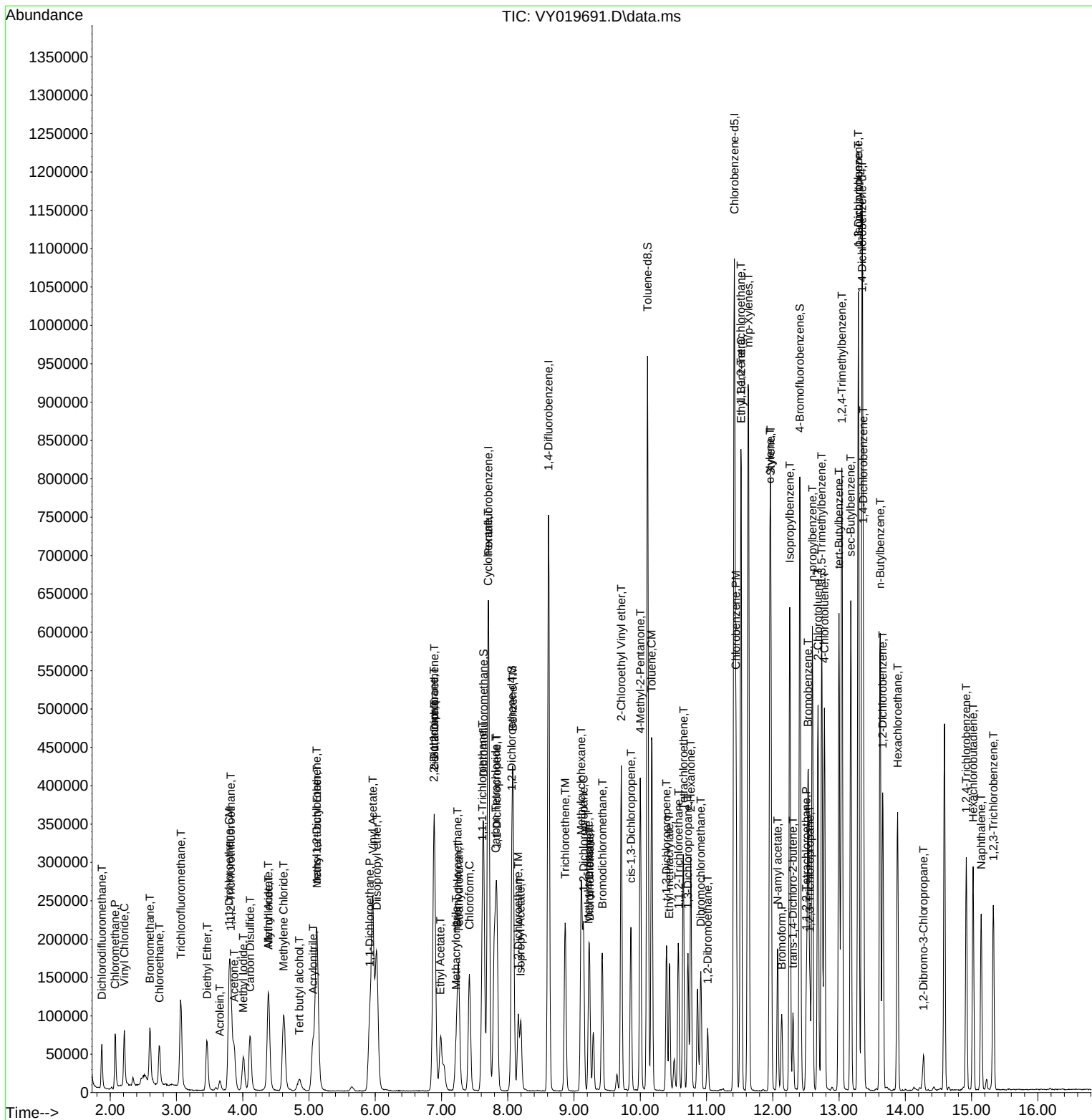
Instrument :
MSVOA_Y
ClientSampleId :

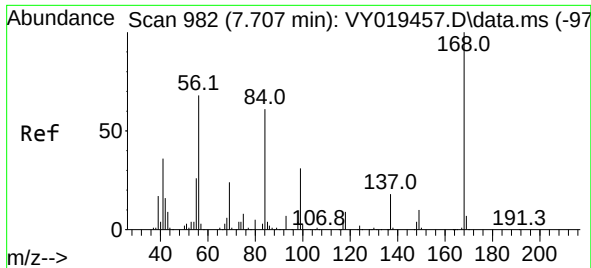
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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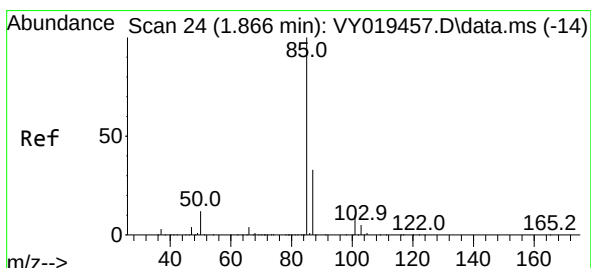
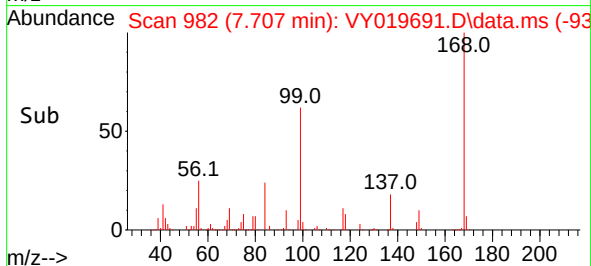
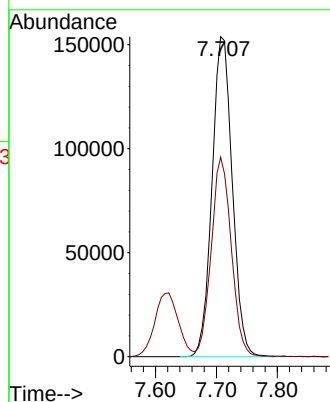
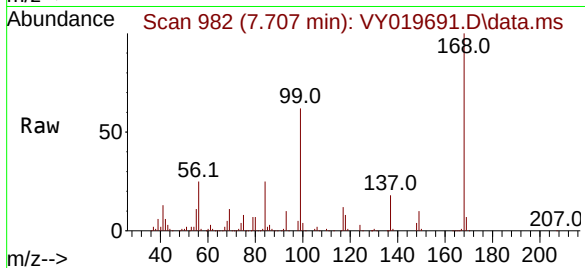




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019691.D
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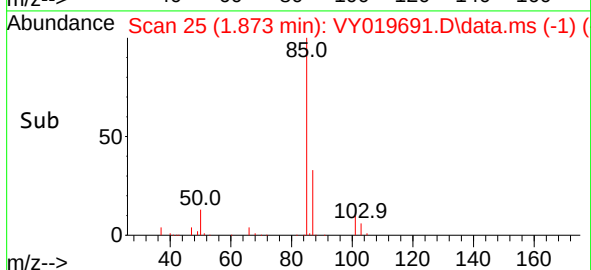
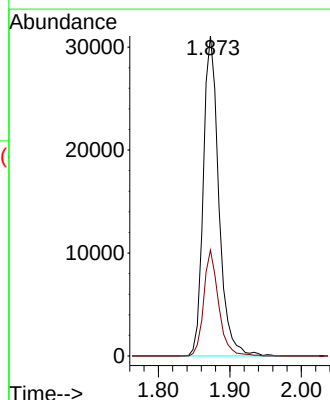
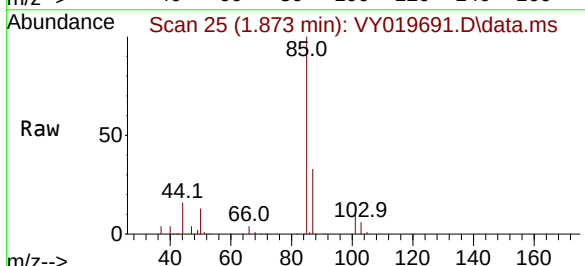
Instrument :
MSVOA_Y
ClientSampleId :

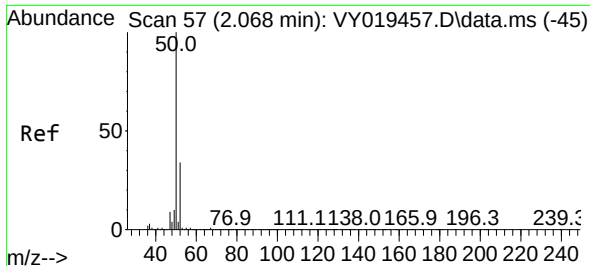
Tgt Ion:168 Resp: 355170
Ion Ratio Lower Upper
168 100
99 62.3 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 21.909 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 85 Resp: 46998
Ion Ratio Lower Upper
85 100
87 33.1 16.0 48.0

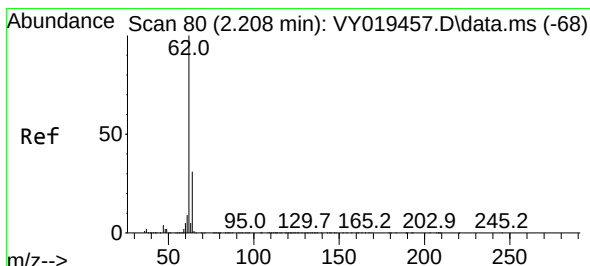
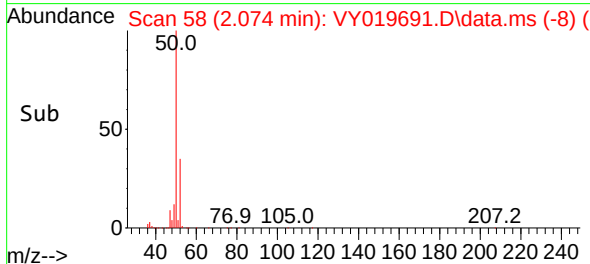
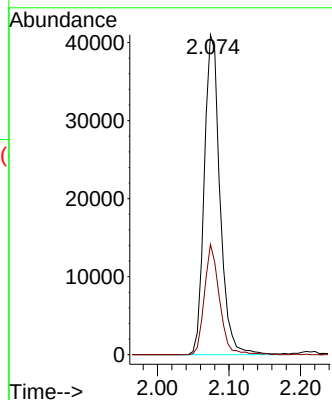
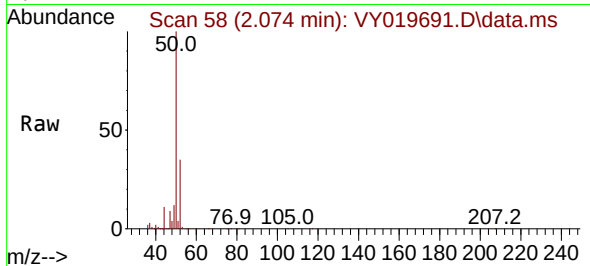




#3
Chloromethane
Concen: 21.298 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

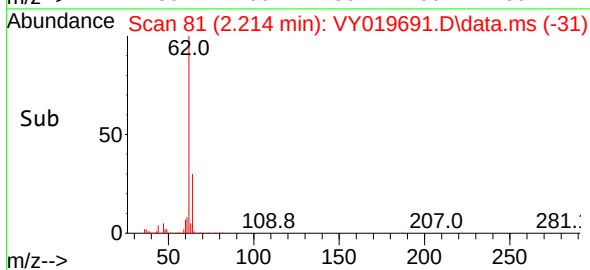
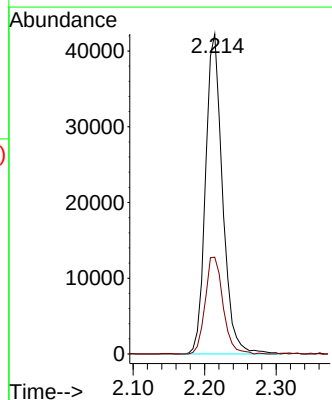
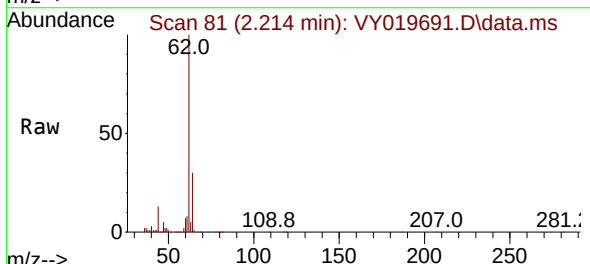
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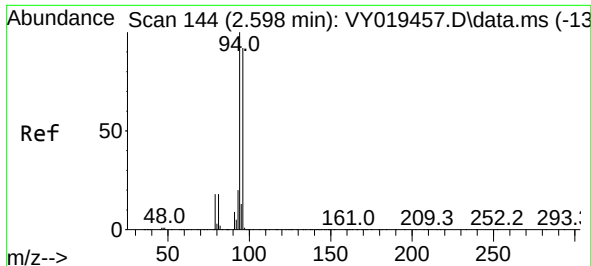
Tgt Ion: 50 Resp: 62584
Ion Ratio Lower Upper
50 100
52 34.5 25.6 38.4



#4
Vinyl Chloride
Concen: 21.974 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 62 Resp: 69822
Ion Ratio Lower Upper
62 100
64 30.2 26.1 39.1

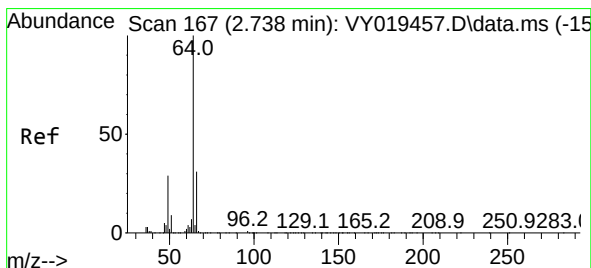
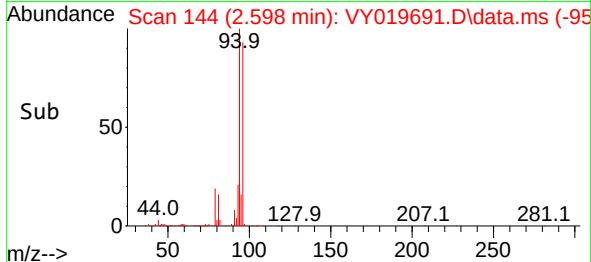
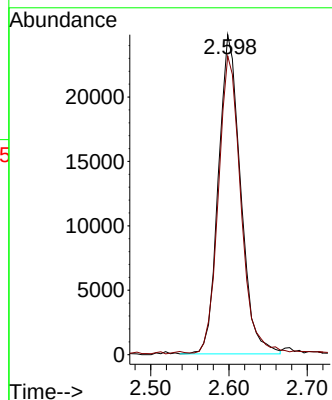
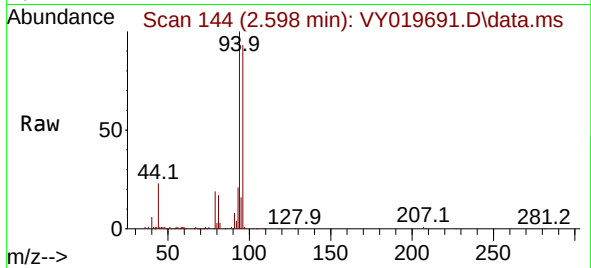




#5
Bromomethane
Concen: 25.028 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

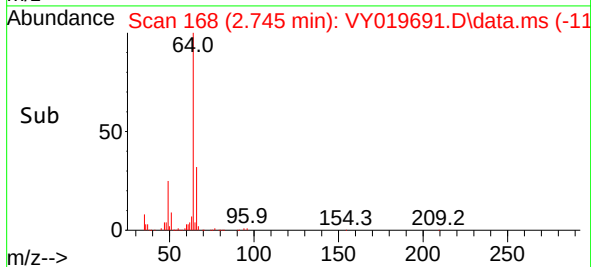
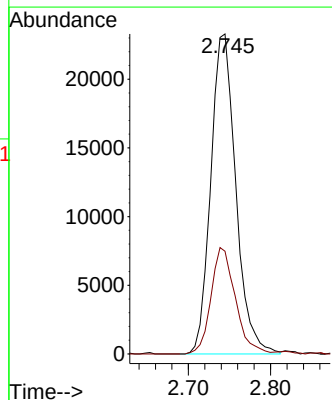
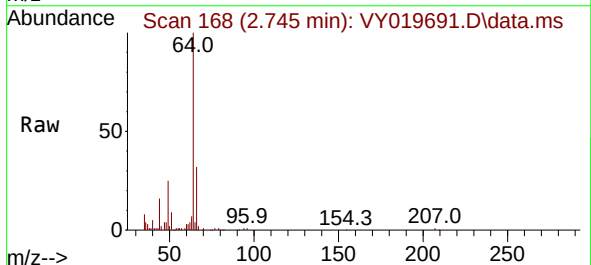
Instrument :
MSVOA_Y
ClientSampleId :

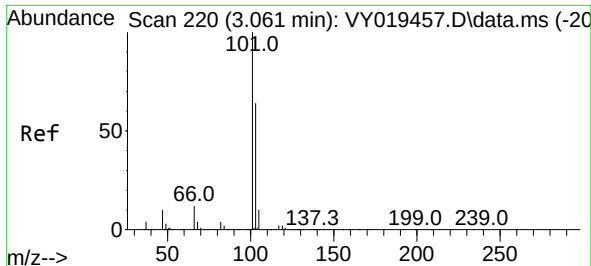
Tgt Ion: 94 Resp: 48849
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1



#6
Chloroethane
Concen: 23.735 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

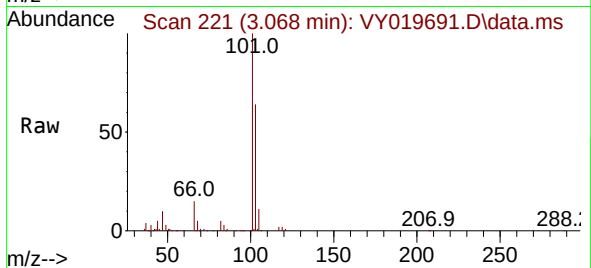
Tgt Ion: 64 Resp: 49302
Ion Ratio Lower Upper
64 100
66 32.1 26.1 39.1



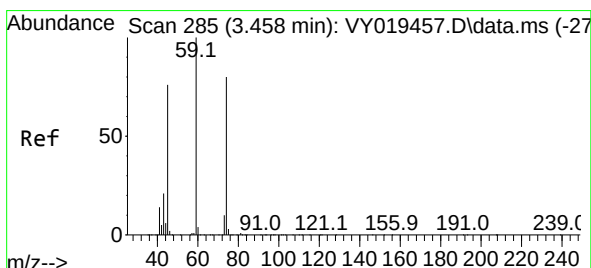
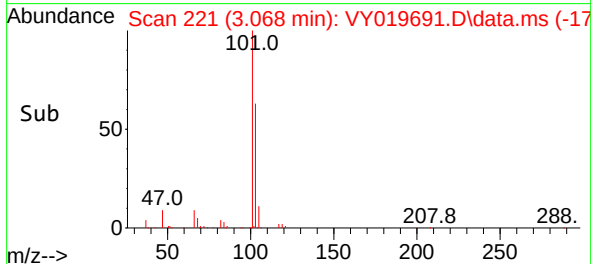
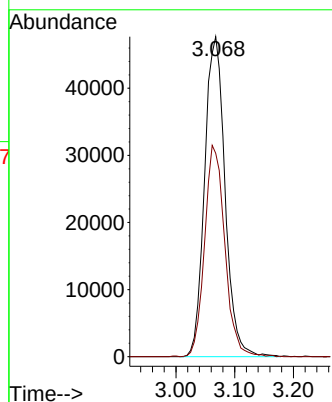


#7
 Trichlorofluoromethane
 Concen: 21.784 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :

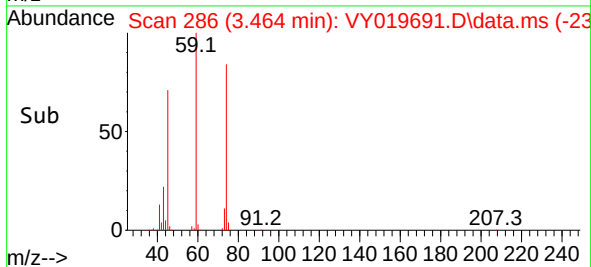
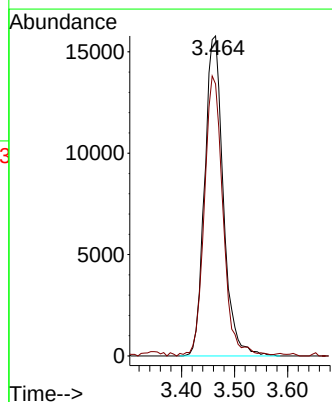
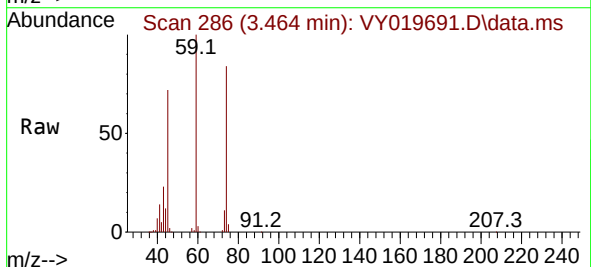


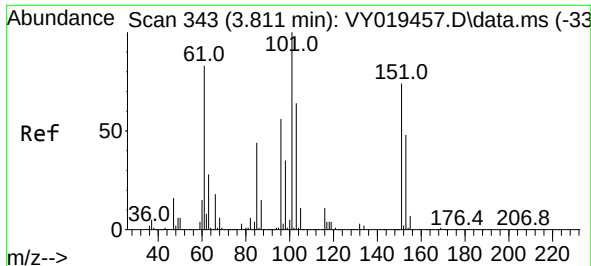
Tgt Ion:101 Resp: 115382
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.712 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

Tgt Ion: 74 Resp: 38604
 Ion Ratio Lower Upper
 74 100
 45 87.4 41.3 124.1

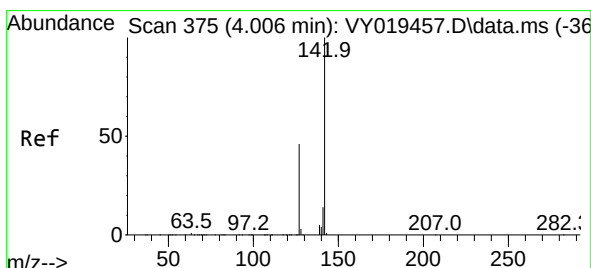
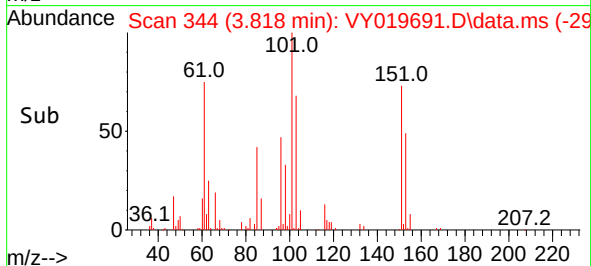
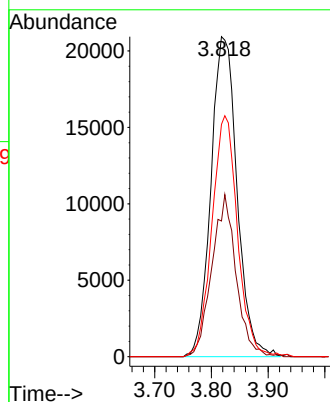
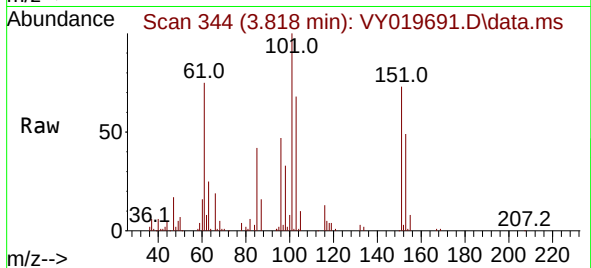




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.465 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019691.D
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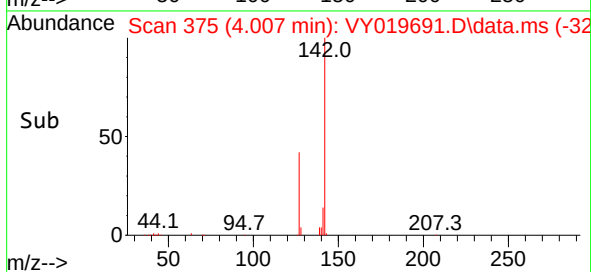
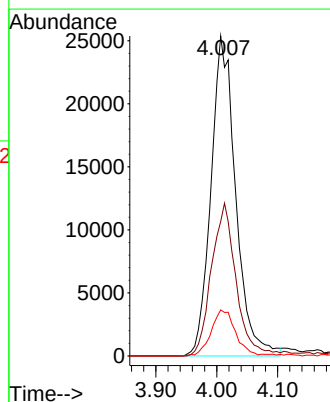
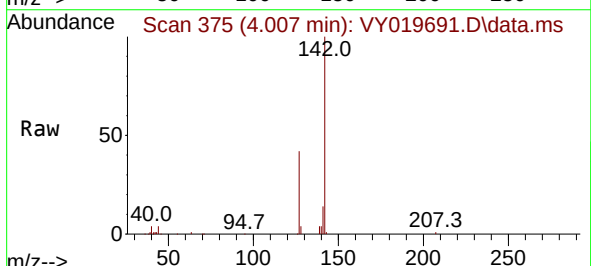
Instrument :
MSVOA_Y
ClientSampleId :

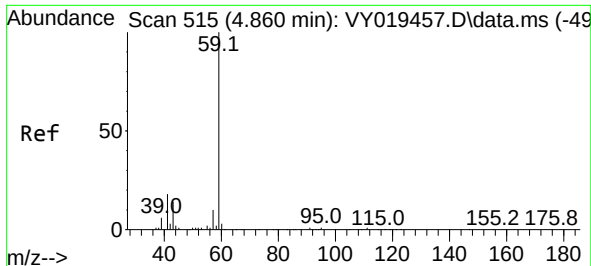
Tgt Ion:101 Resp: 67055
Ion Ratio Lower Upper
101 100
85 47.1 34.5 51.7
151 73.9 61.7 92.5



#10
Methyl Iodide
Concen: 17.034 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion:142 Resp: 71557
Ion Ratio Lower Upper
142 100
127 47.3 32.8 49.2
141 14.2 11.4 17.2

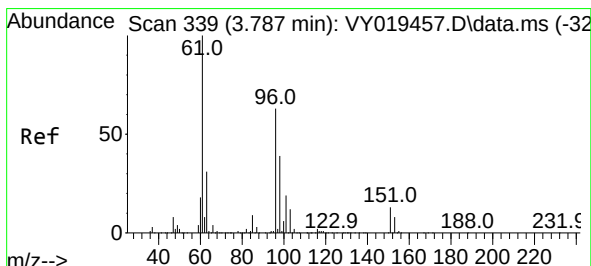
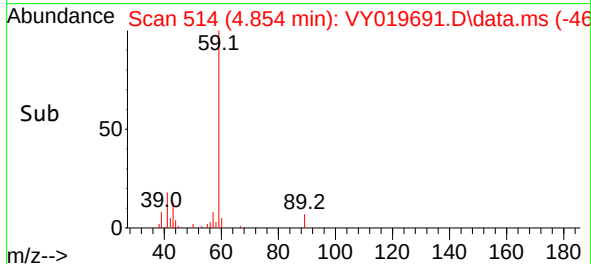
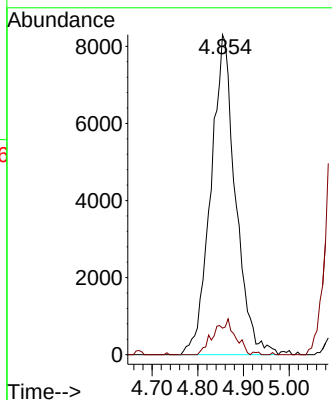
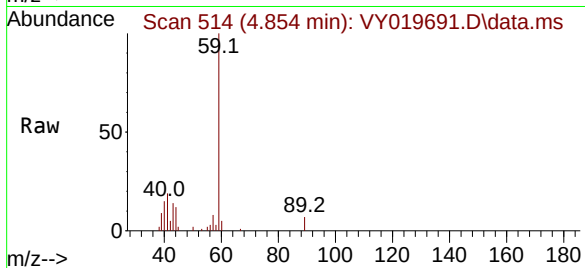




#11
Tert butyl alcohol
Concen: 117.750 ug/l
RT: 4.854 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

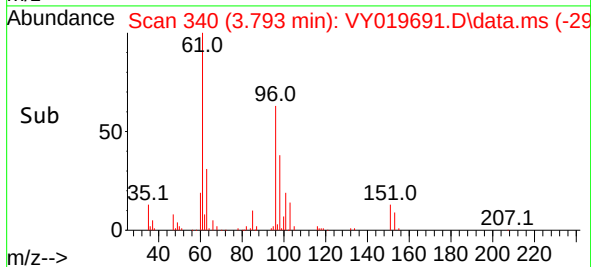
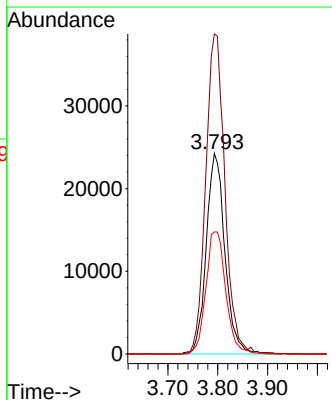
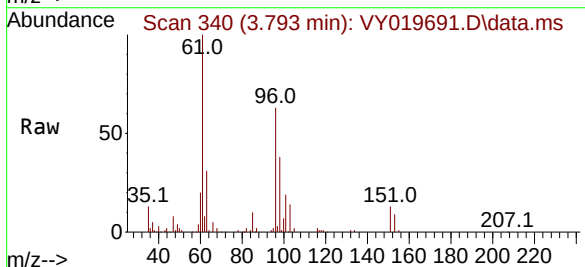
Instrument :
MSVOA_Y
ClientSampleId :

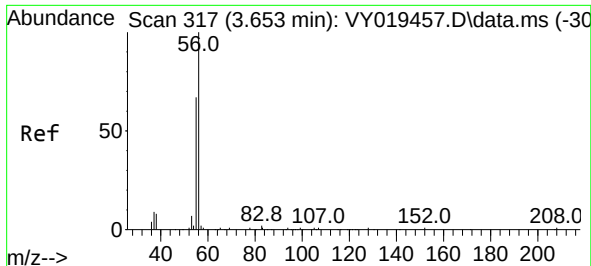
Tgt Ion: 59 Resp: 31274
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.006 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 96 Resp: 63043
Ion Ratio Lower Upper
96 100
61 159.5 114.6 171.8
98 60.9 50.8 76.2

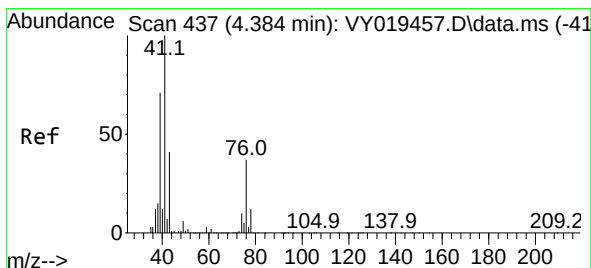
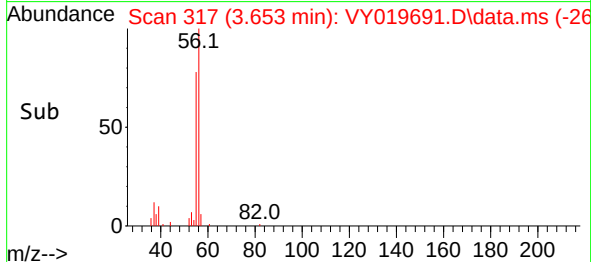
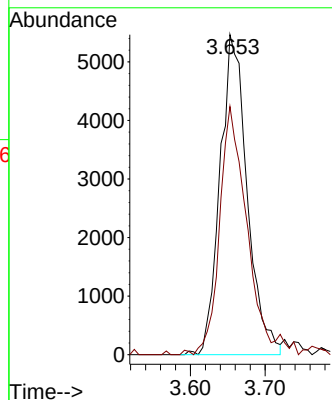
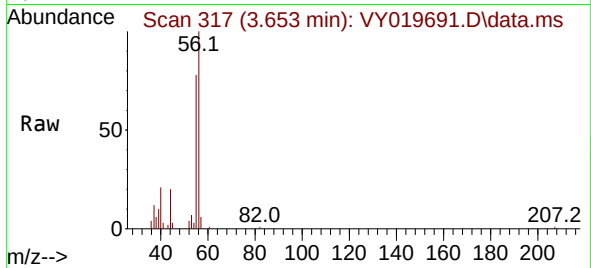




#13
Acrolein
Concen: 99.432 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

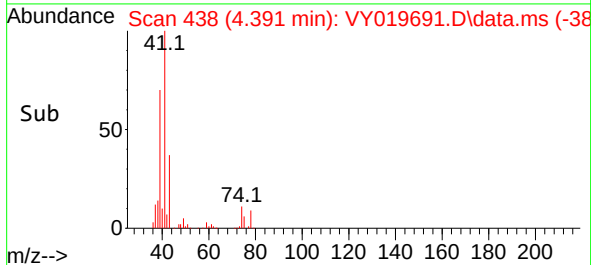
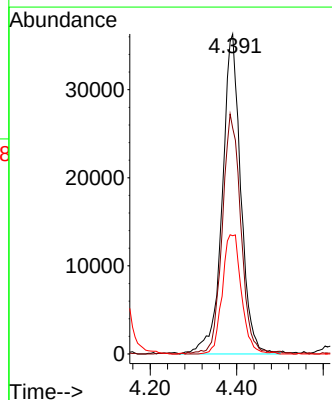
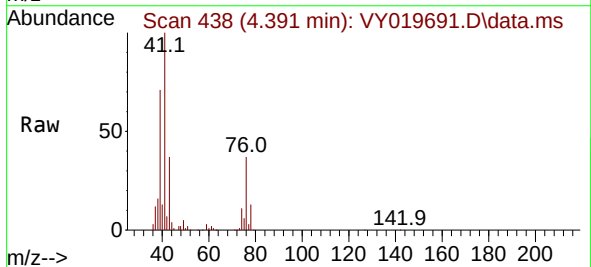
Instrument :
MSVOA_Y
ClientSampleId :

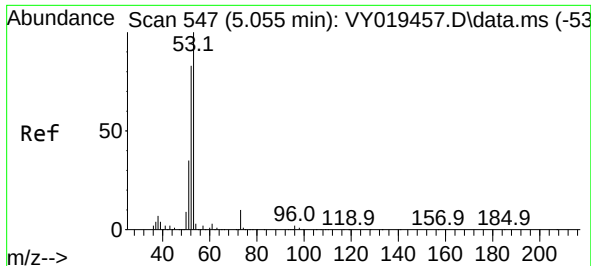
Tgt Ion: 56 Resp: 13817
Ion Ratio Lower Upper
56 100
55 76.3 55.7 83.5



#14
Allyl chloride
Concen: 19.171 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

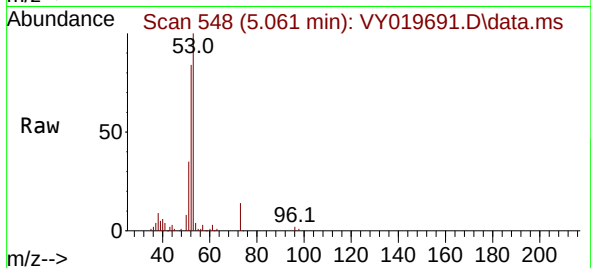
Tgt Ion: 41 Resp: 108333
Ion Ratio Lower Upper
41 100
39 75.1 58.3 87.5
76 38.4 39.0 58.6#



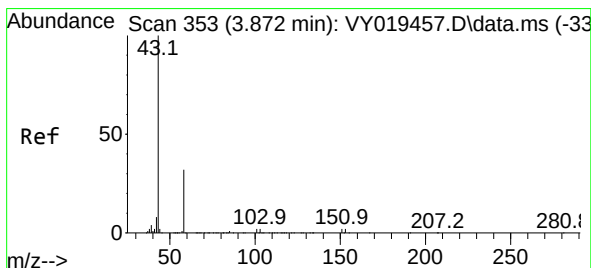
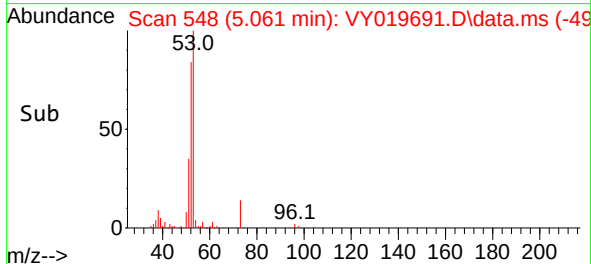
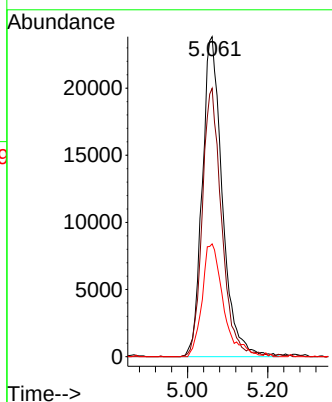


#15
Acrylonitrile
Concen: 108.349 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Instrument :
MSVOA_Y
ClientSampleId :

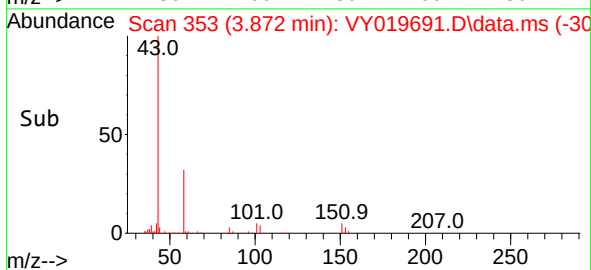
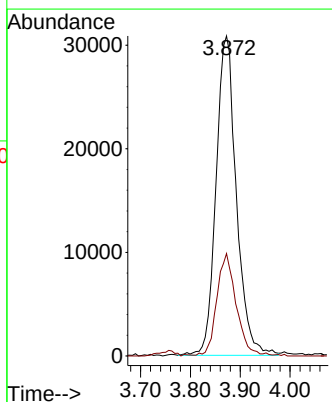
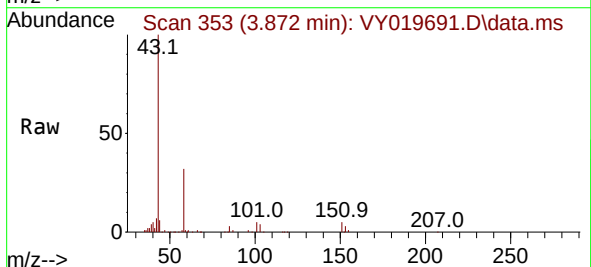


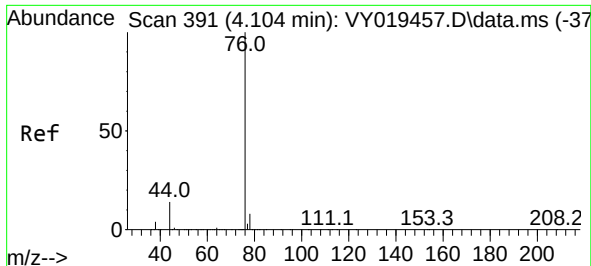
Tgt Ion: 53 Resp: 83063
Ion Ratio Lower Upper
53 100
52 80.8 64.7 97.1
51 37.3 28.4 42.6



#16
Acetone
Concen: 111.294 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

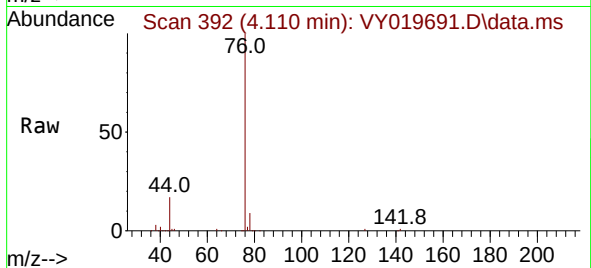
Tgt Ion: 43 Resp: 87200
Ion Ratio Lower Upper
43 100
58 31.6 31.7 47.5#



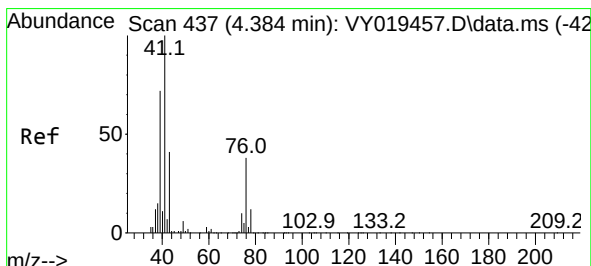
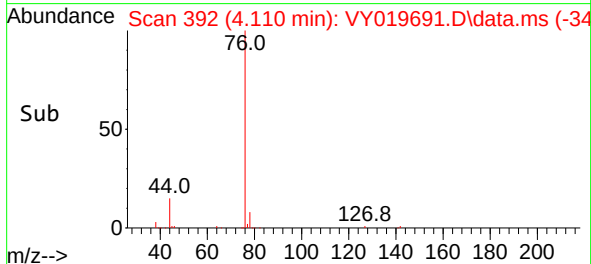
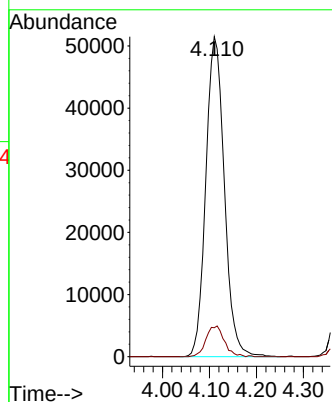


#17
Carbon Disulfide
Concen: 16.511 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Instrument :
MSVOA_Y
ClientSampleId :

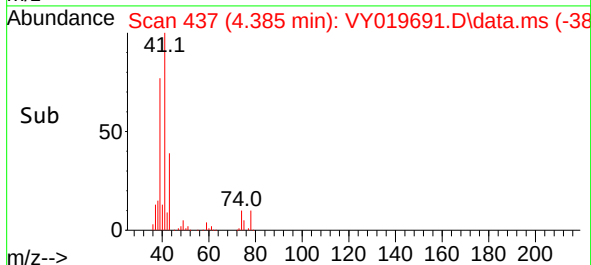
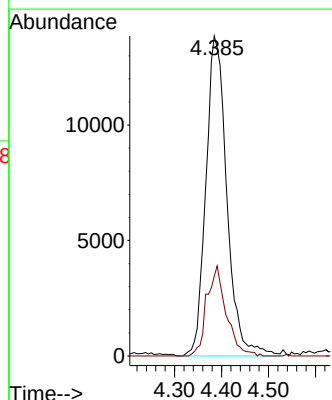
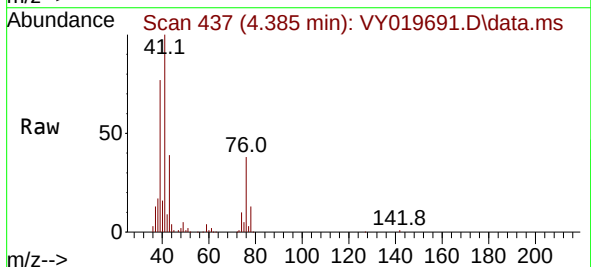


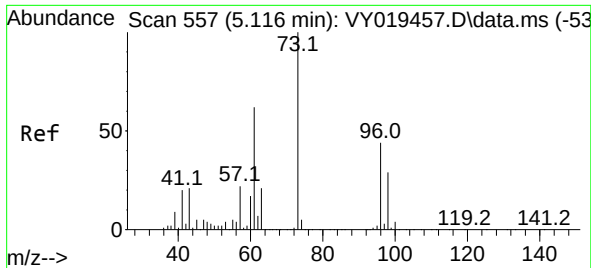
Tgt Ion: 76 Resp: 140574
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 20.192 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 43 Resp: 42934
Ion Ratio Lower Upper
43 100
74 26.2 23.3 34.9

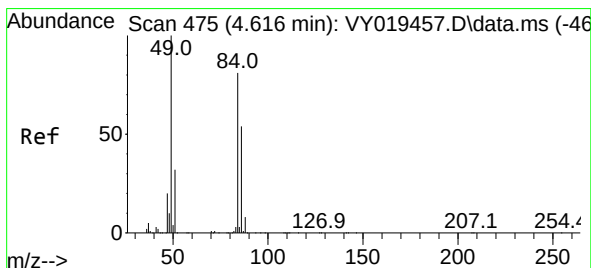
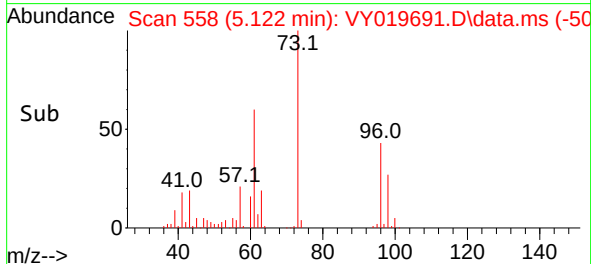
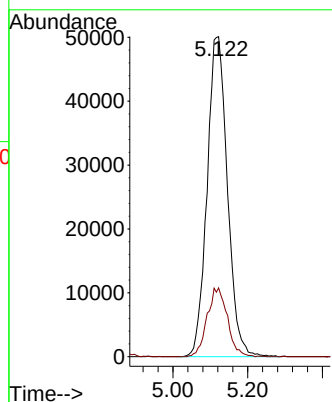
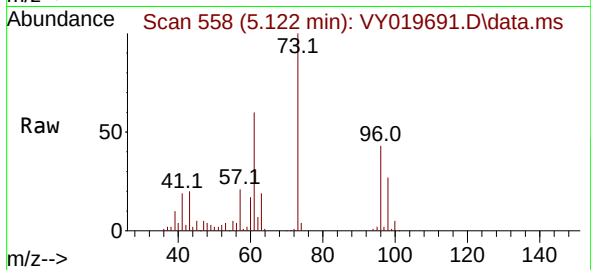




#19
Methyl tert-butyl Ether
Concen: 21.219 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

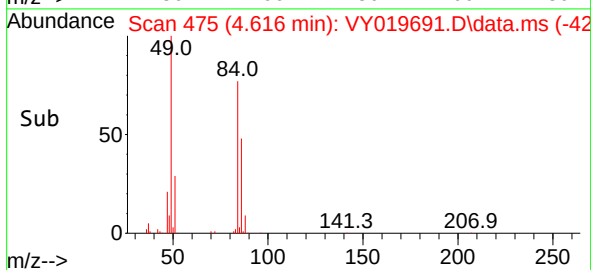
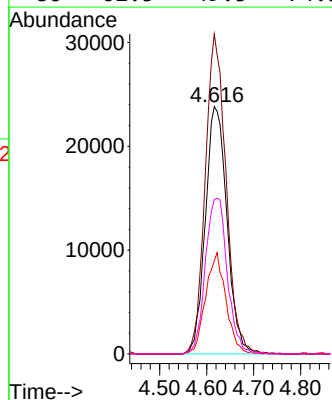
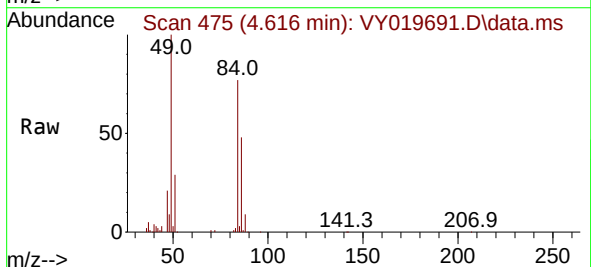
Instrument :
MSVOA_Y
ClientSampleId :

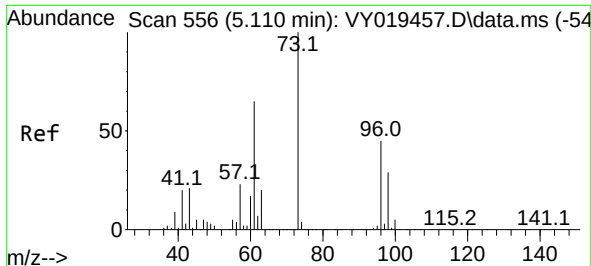
Tgt Ion: 73 Resp: 189372
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.343 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 84 Resp: 76263
Ion Ratio Lower Upper
84 100
49 129.4 84.4 126.6#
51 37.7 26.0 39.0
86 62.5 49.5 74.3

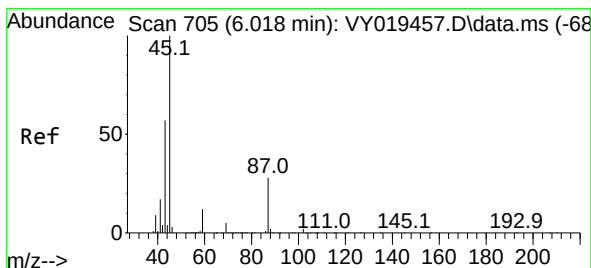
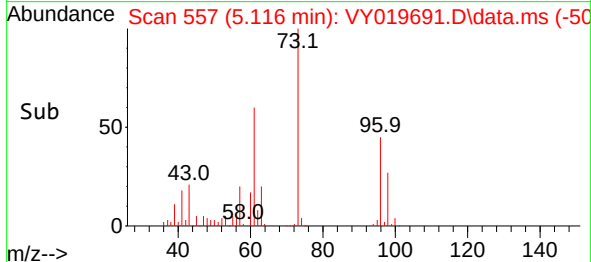
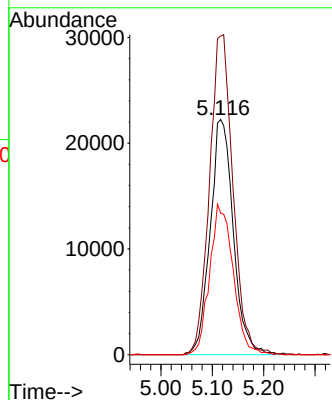
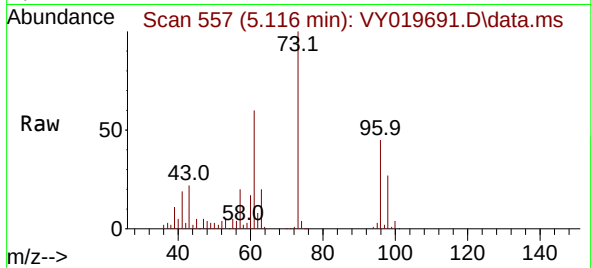




#21
trans-1,2-Dichloroethene
Concen: 20.151 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

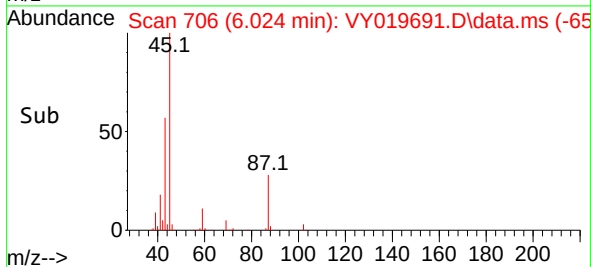
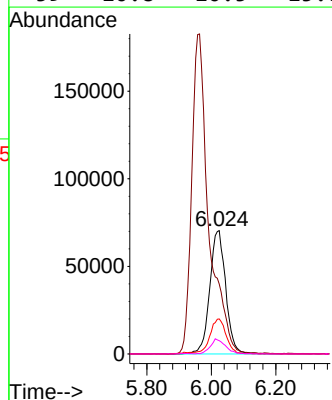
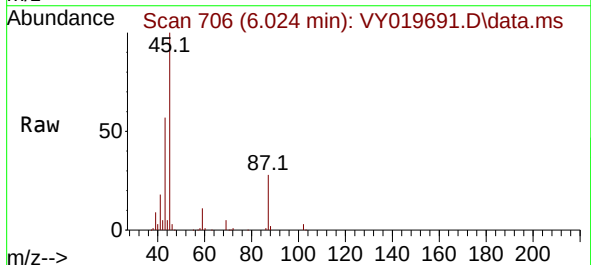
Instrument :
MSVOA_Y
ClientSampleId :

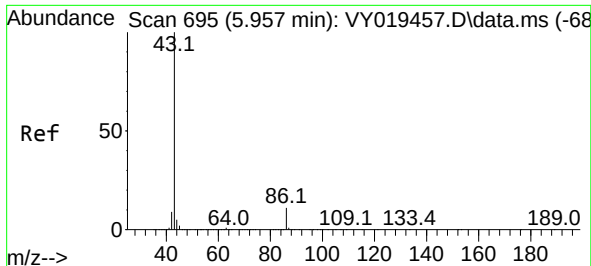
Tgt Ion: 96 Resp: 69601
Ion Ratio Lower Upper
96 100
61 135.5 97.5 146.3
98 60.1 50.5 75.7



#22
Diisopropyl ether
Concen: 20.859 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 45 Resp: 242059
Ion Ratio Lower Upper
45 100
43 56.4 42.2 63.2
87 28.4 25.0 37.6
59 10.8 10.5 15.7

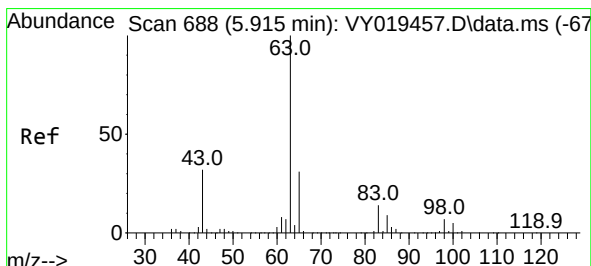
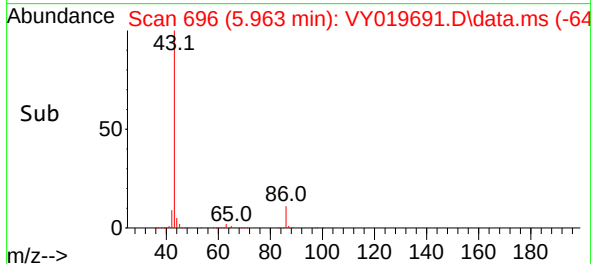
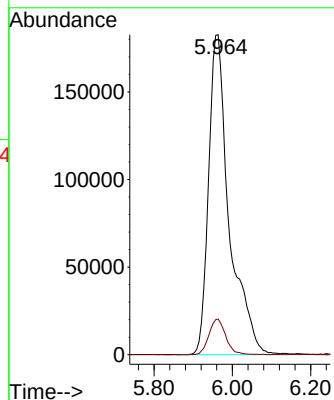
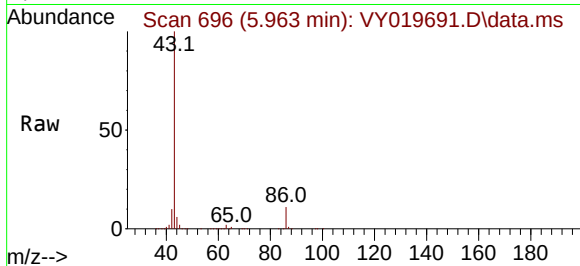




#23
 Vinyl Acetate
 Concen: 100.762 ug/l
 RT: 5.963 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

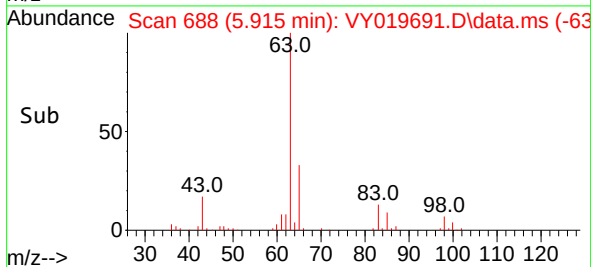
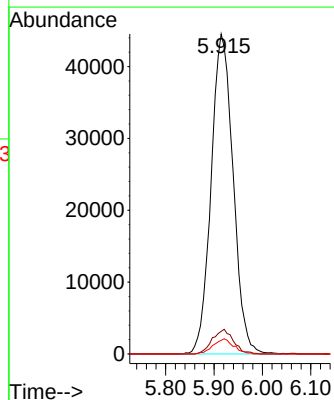
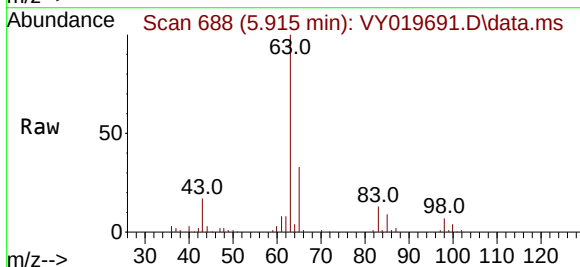
Instrument :
 MSVOA_Y
 ClientSampleId :

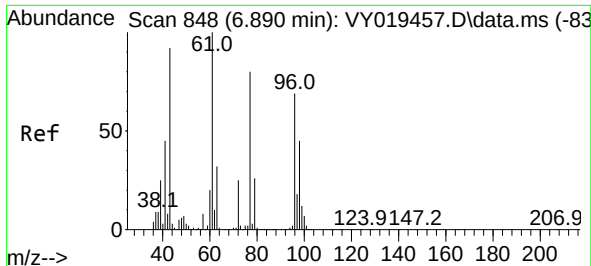
Tgt Ion: 43 Resp: 667875
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 21.622 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

Tgt Ion: 63 Resp: 140794
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.0 12.2
 100 4.3 2.6 8.0

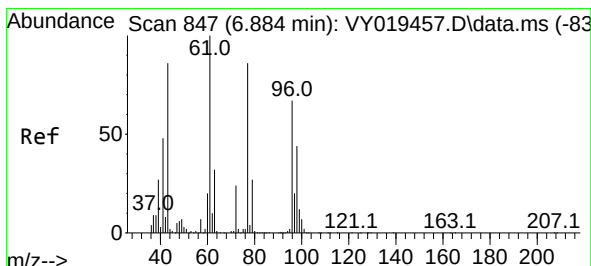
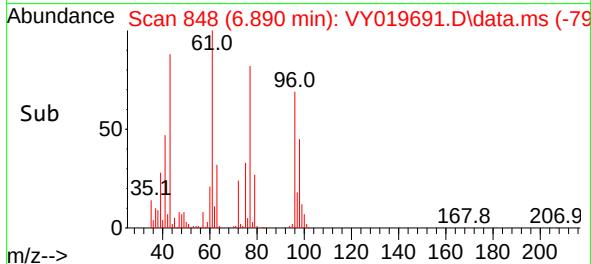
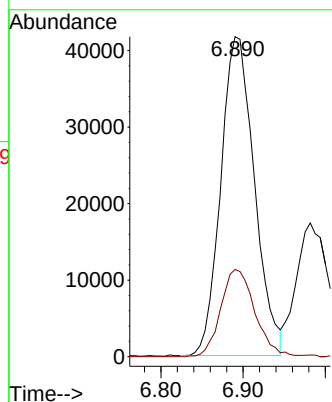
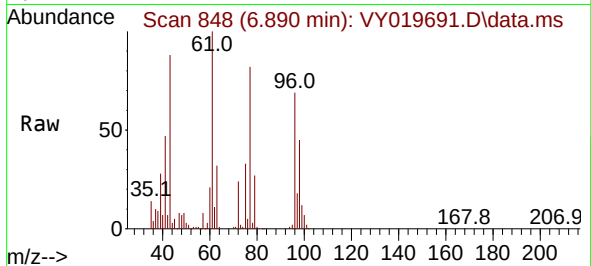




#25
2-Butanone
Concen: 106.343 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

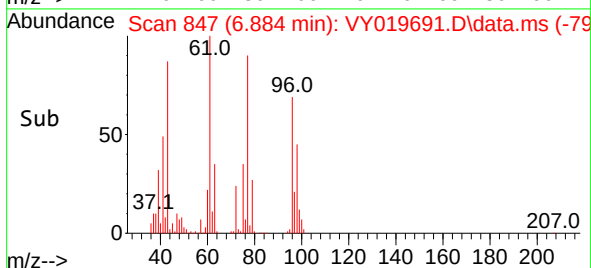
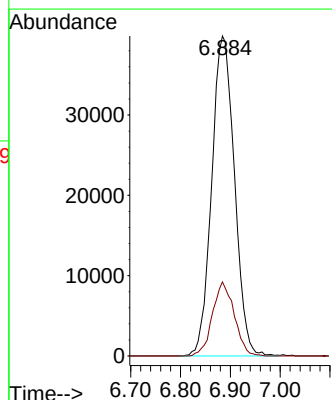
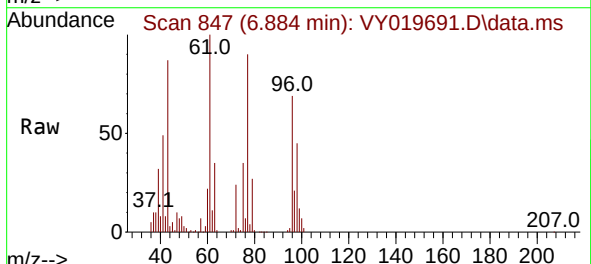
Instrument :
MSVOA_Y
ClientSampleId :

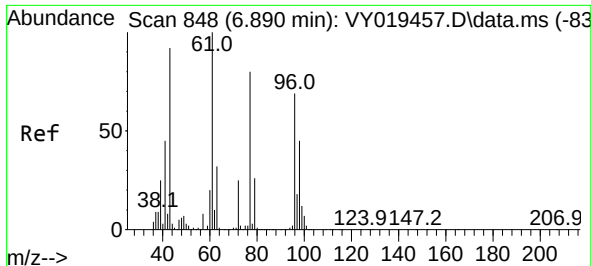
Tgt Ion: 43 Resp: 118503
Ion Ratio Lower Upper
43 100
72 27.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 21.504 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

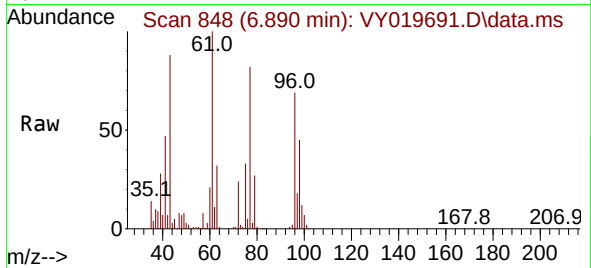
Tgt Ion: 77 Resp: 126308
Ion Ratio Lower Upper
77 100
97 22.1 12.0 36.1



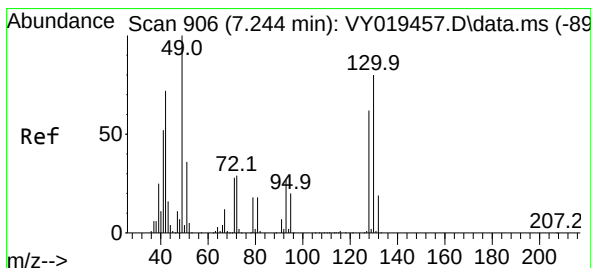
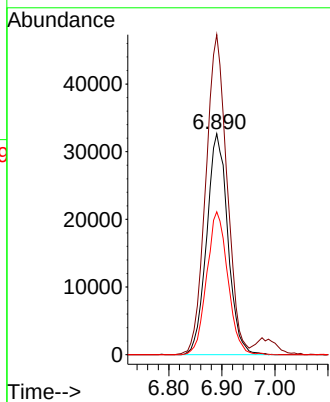
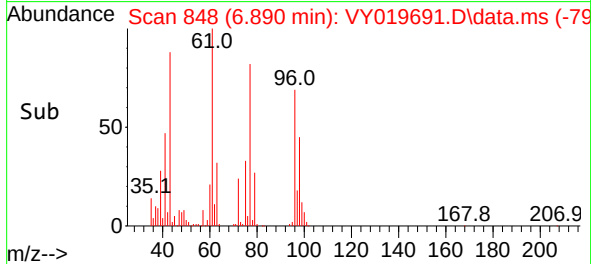


#27
 cis-1,2-Dichloroethene
 Concen: 21.575 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

Instrument :
 MSVOA_Y
 ClientSampleId :

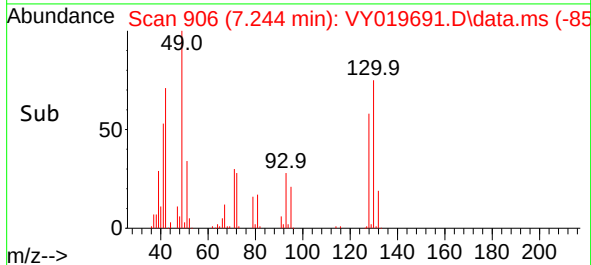
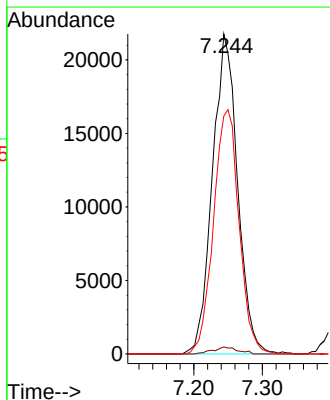
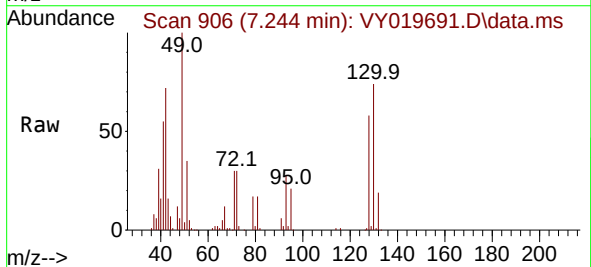


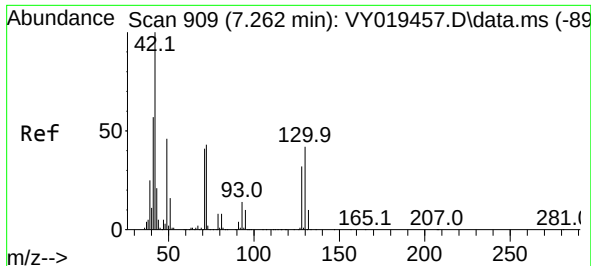
Tgt Ion: 96 Resp: 90519
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 256.2
 98 64.6 0.0 130.0



#28
 Bromochloromethane
 Concen: 20.235 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

Tgt Ion: 49 Resp: 55440
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 77.4 72.7 109.1

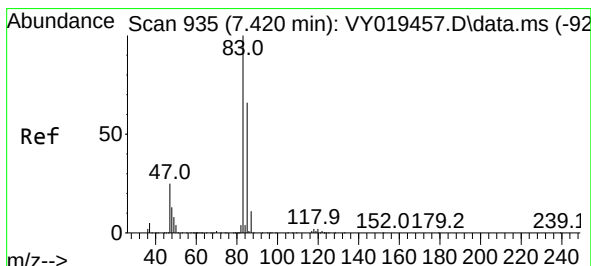
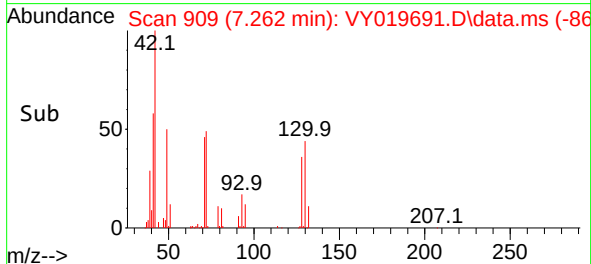
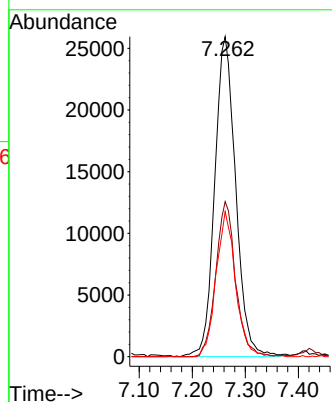
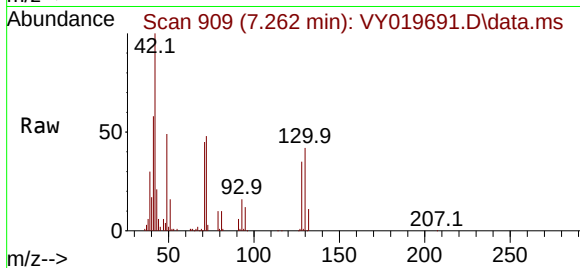




#29
Tetrahydrofuran
Concen: 105.238 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

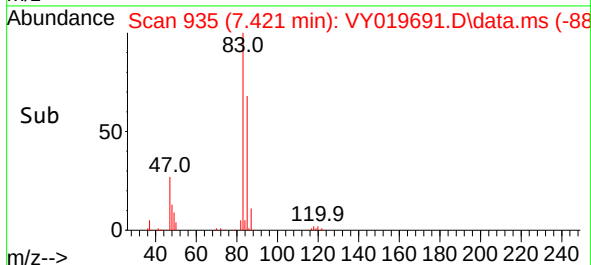
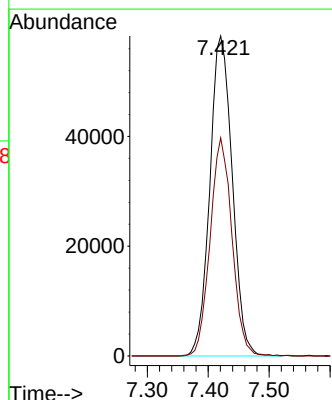
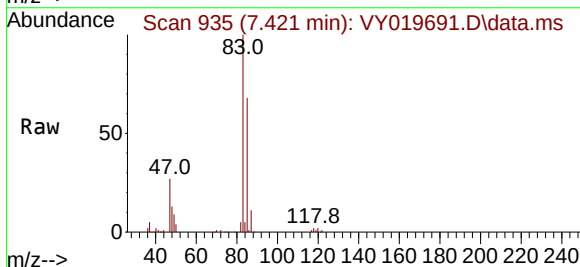
Instrument :
MSVOA_Y
ClientSampleId :

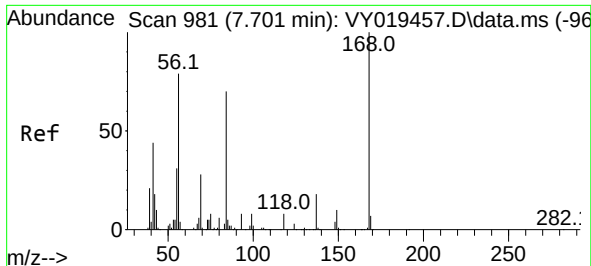
Tgt Ion: 42 Resp: 71303
Ion Ratio Lower Upper
42 100
72 45.6 43.0 64.4
71 42.3 40.8 61.2



#30
Chloroform
Concen: 22.408 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

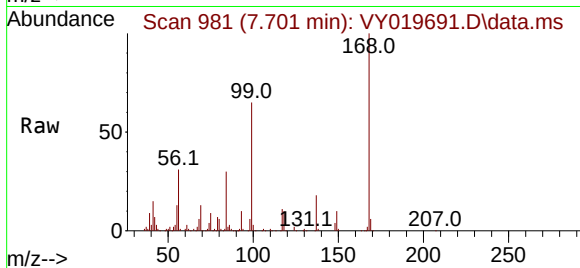
Tgt Ion: 83 Resp: 148952
Ion Ratio Lower Upper
83 100
85 68.1 52.2 78.4



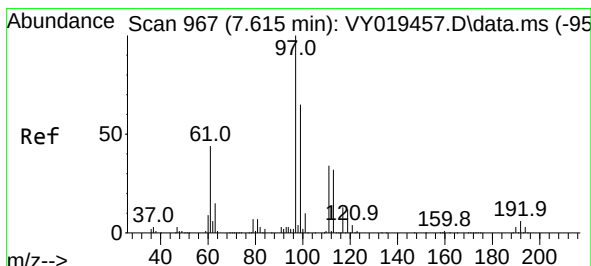
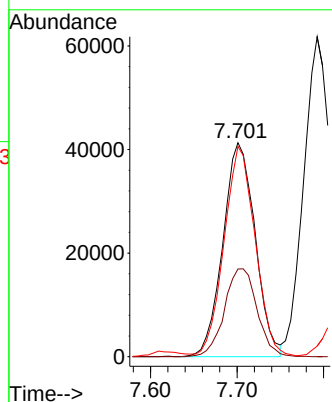
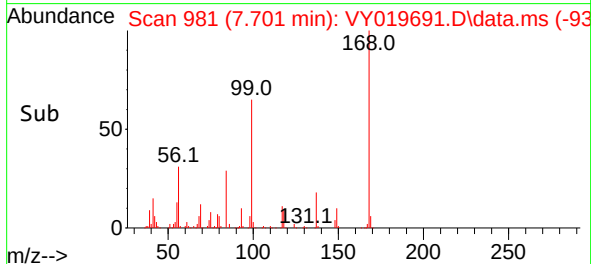


#31
Cyclohexane
Concen: 18.139 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Instrument :
MSVOA_Y
ClientSampleId :

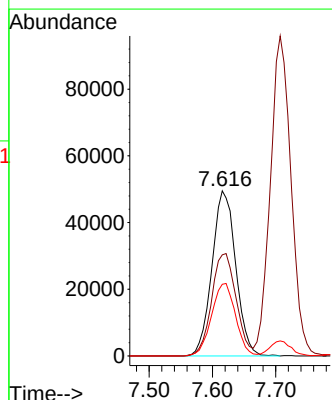
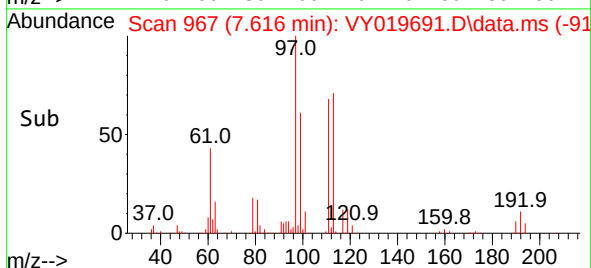
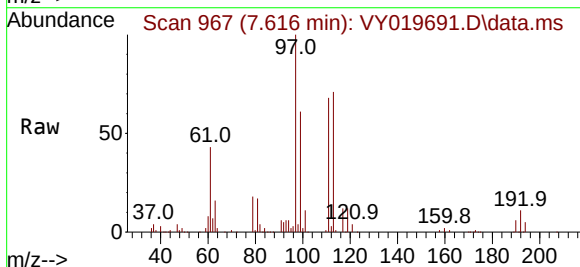


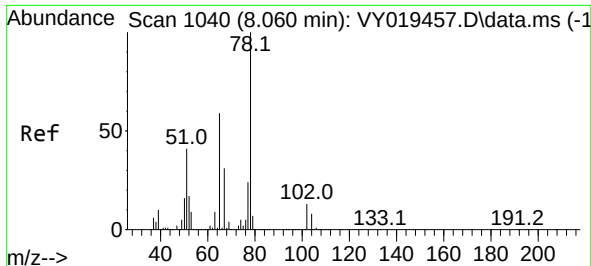
Tgt Ion: 56 Resp: 106762
Ion Ratio Lower Upper
56 100
69 41.0 28.7 43.1
84 96.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.680 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 97 Resp: 129175
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 44.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.835 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

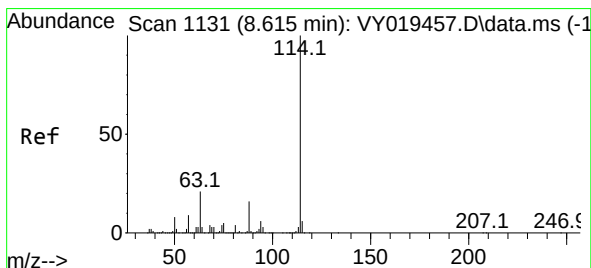
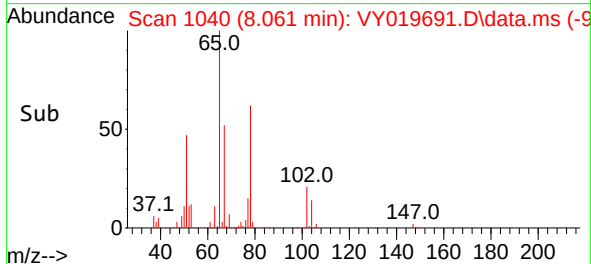
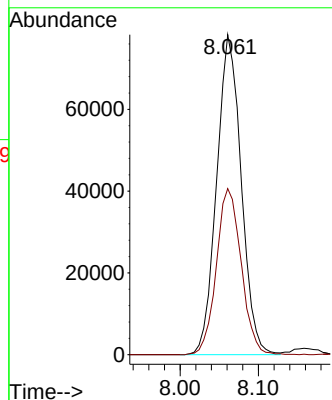
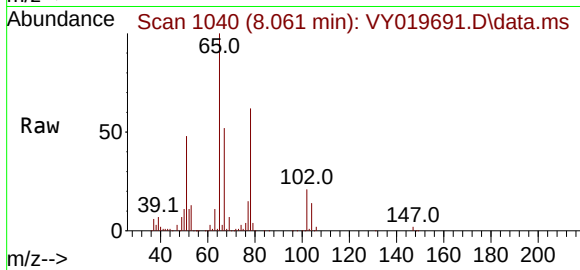
ClientSampleId :

Tgt Ion: 65 Resp: 170476

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

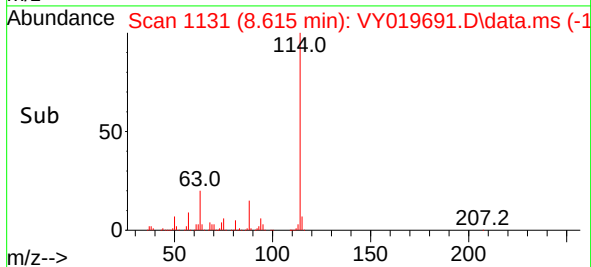
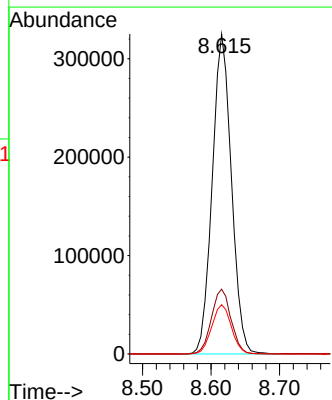
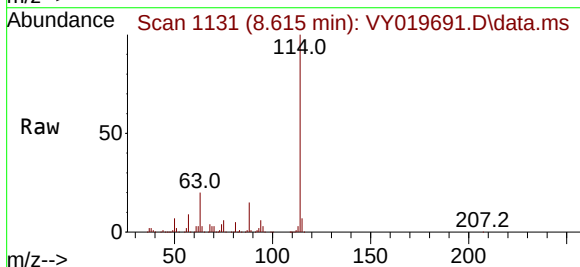
Tgt Ion: 114 Resp: 631616

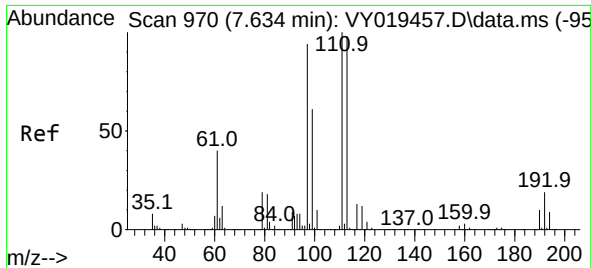
Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 15.4 0.0 27.2

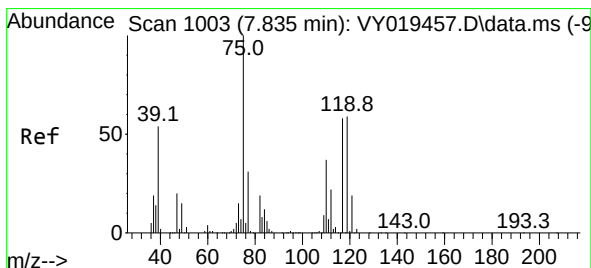
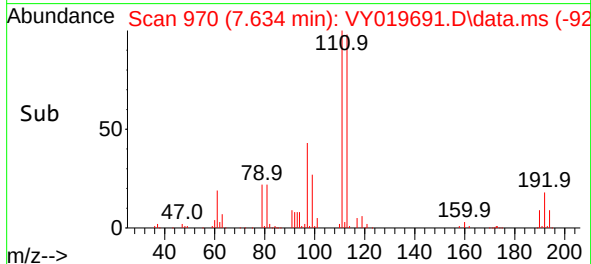
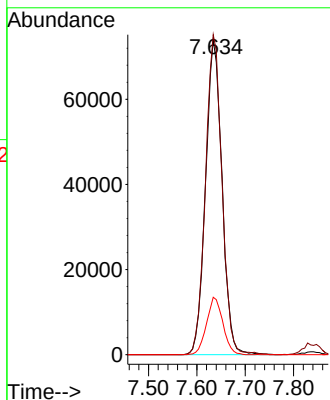
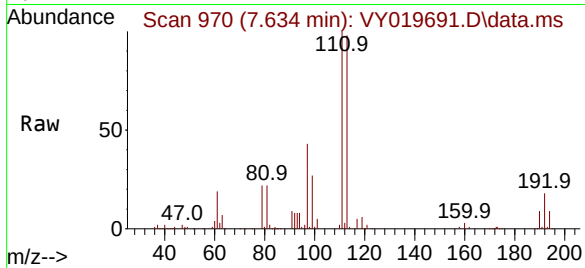




#35
 Dibromofluoromethane
 Concen: 48.868 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

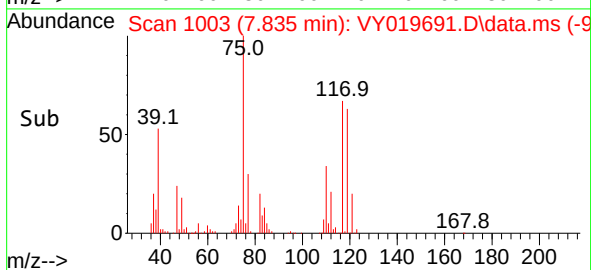
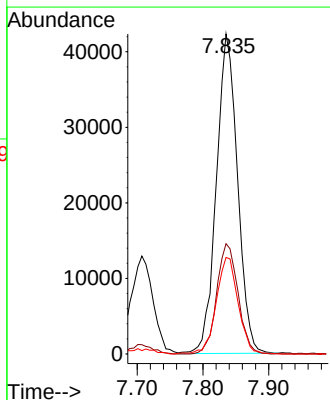
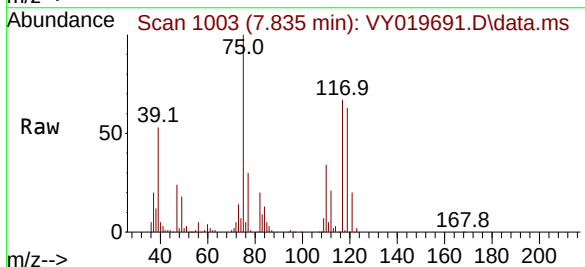
Instrument :
 MSVOA_Y
 ClientSampleId :

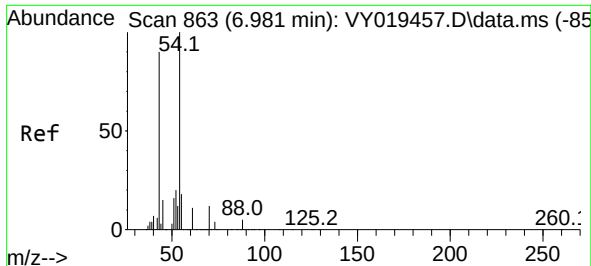
Tgt Ion:113 Resp: 175004
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 18.1 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 19.437 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019691.D
 Acq: 25 Sep 2024 13:21

Tgt Ion: 75 Resp: 94714
 Ion Ratio Lower Upper
 75 100
 110 34.7 19.0 57.0
 77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 19.917 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

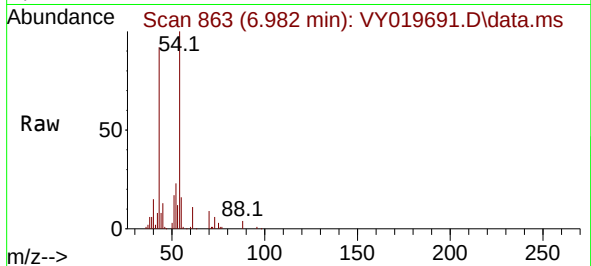
Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :



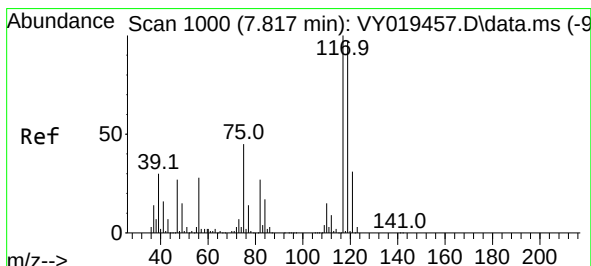
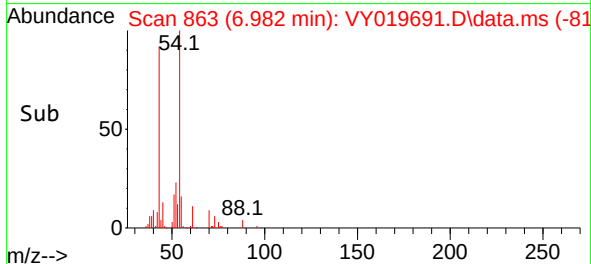
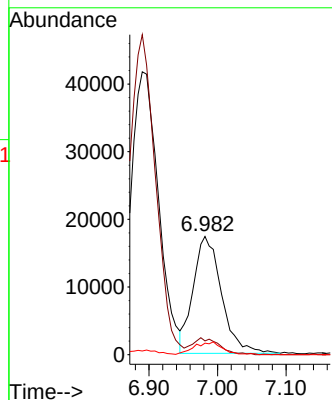
Tgt Ion: 43 Resp: 49729

Ion Ratio Lower Upper

43 100

61 13.8 12.6 19.0

70 9.9 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.036 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

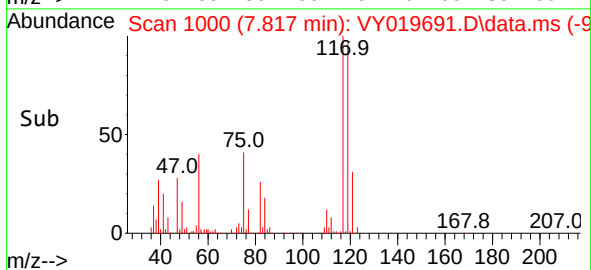
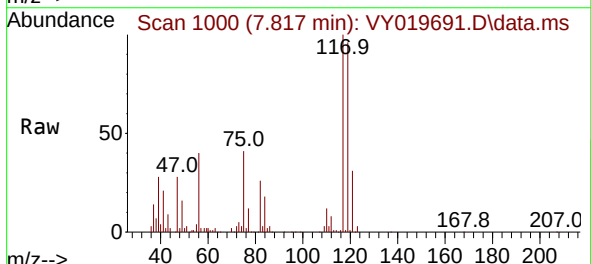
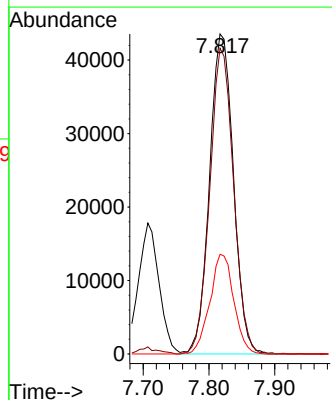
Tgt Ion: 117 Resp: 110099

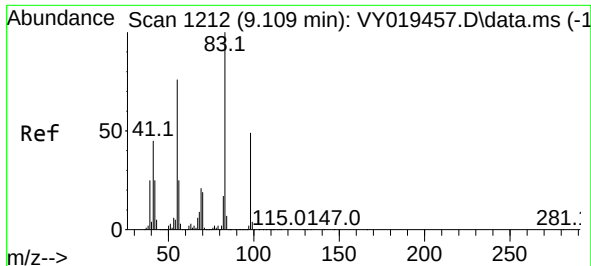
Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.6

121 31.1 24.0 36.0





#39

Methylcyclohexane

Concen: 17.581 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

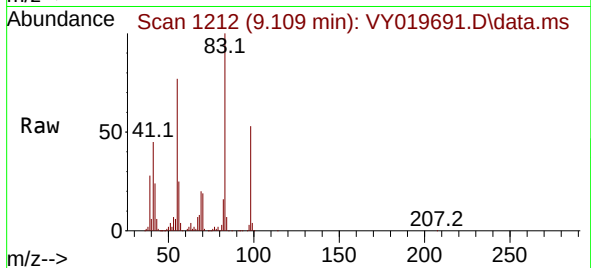
Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :



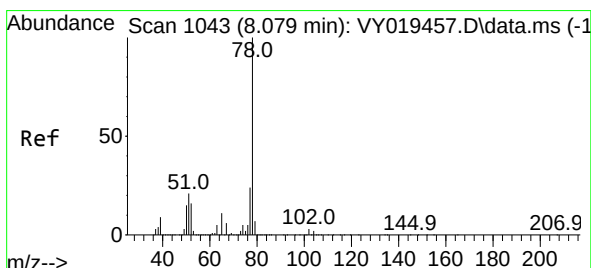
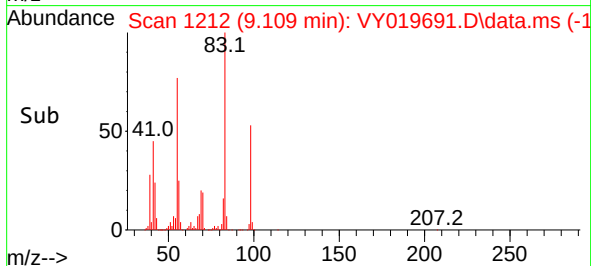
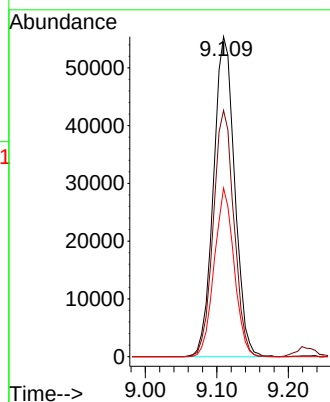
Tgt Ion: 83 Resp: 114010

Ion Ratio Lower Upper

83 100

55 76.9 51.5 77.3

98 52.7 40.5 60.7



#40

Benzene

Concen: 19.902 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019691.D

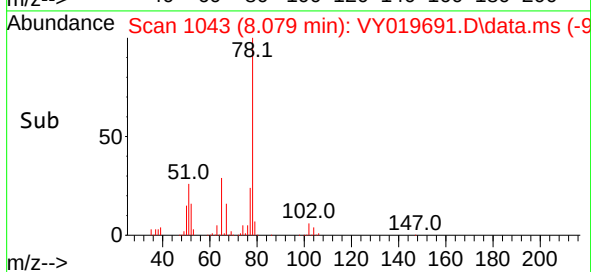
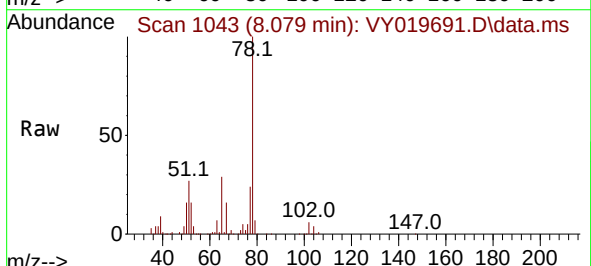
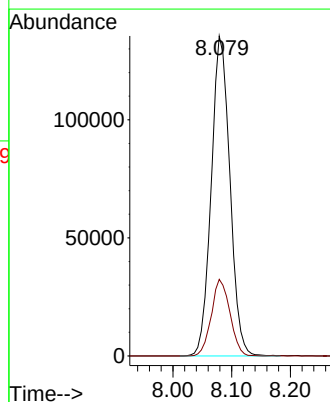
Acq: 25 Sep 2024 13:21

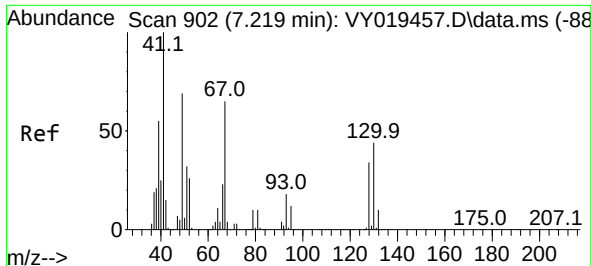
Tgt Ion: 78 Resp: 298709

Ion Ratio Lower Upper

78 100

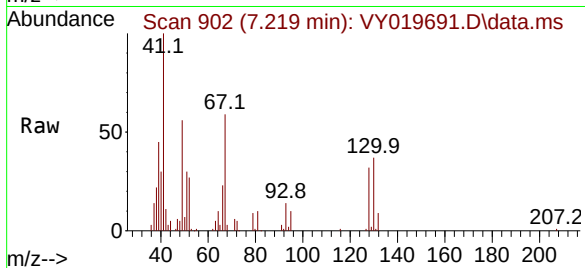
77 23.9 19.5 29.3



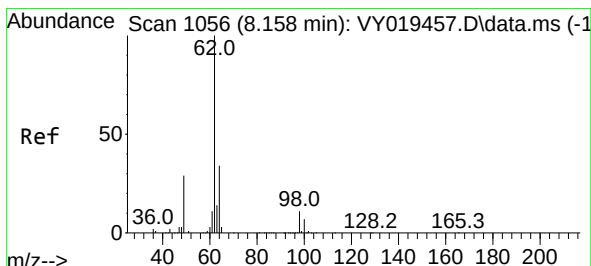
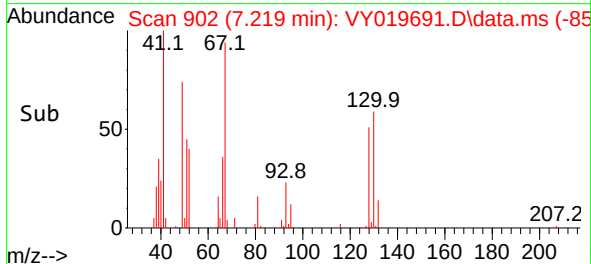
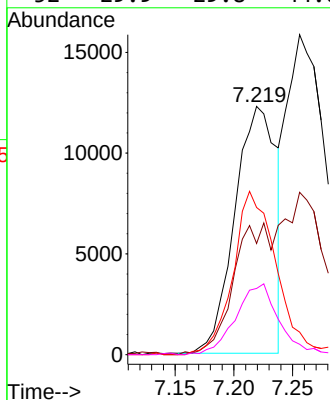


#41
Methacrylonitrile
Concen: 20.608 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Instrument :
MSVOA_Y
ClientSampleId :

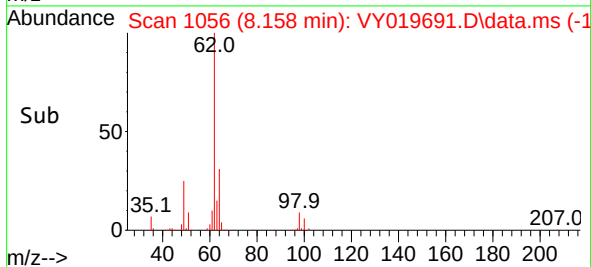
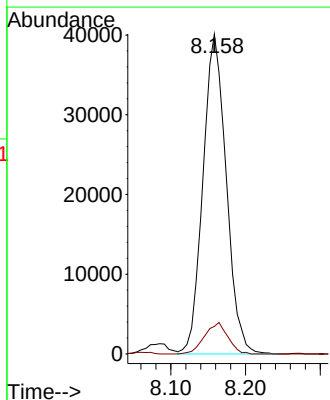
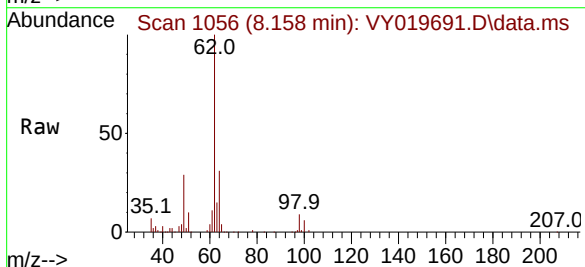


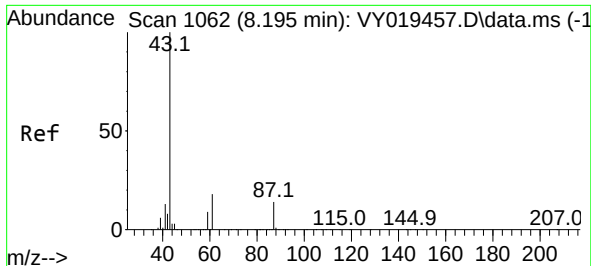
Tgt Ion: 41 Resp: 29993
Ion Ratio Lower Upper
41 100
39 33.3 48.0 72.0#
67 69.9 75.1 112.7#
52 29.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.509 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 62 Resp: 86868
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0

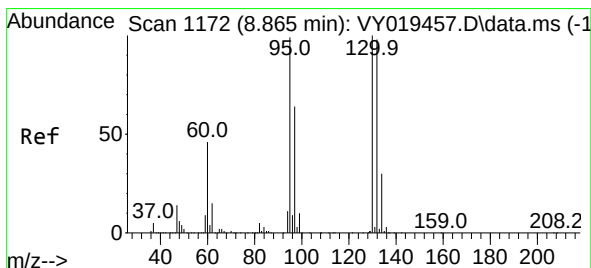
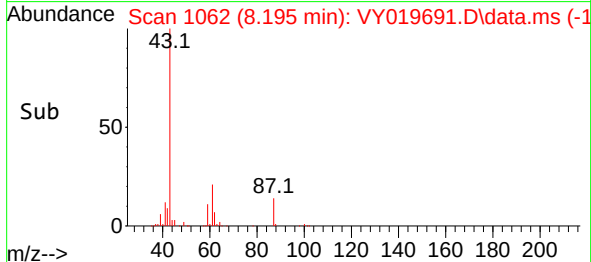
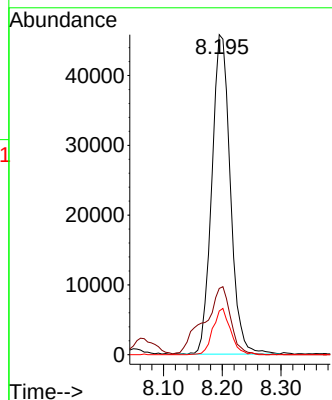
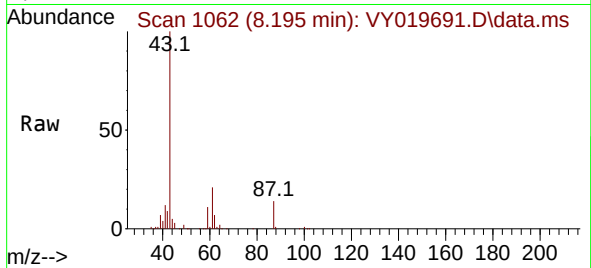




#43
Isopropyl Acetate
Concen: 19.103 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

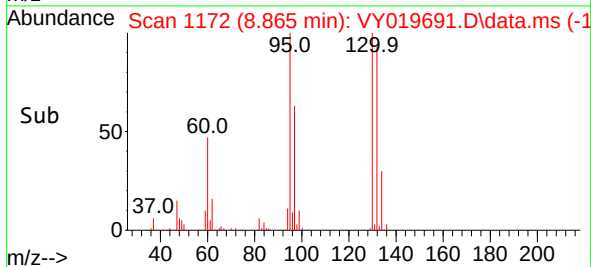
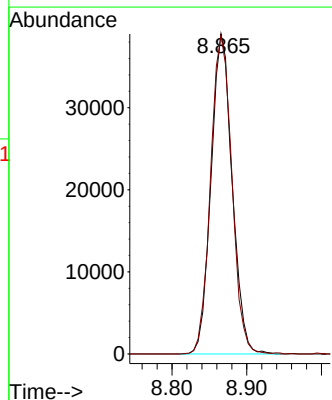
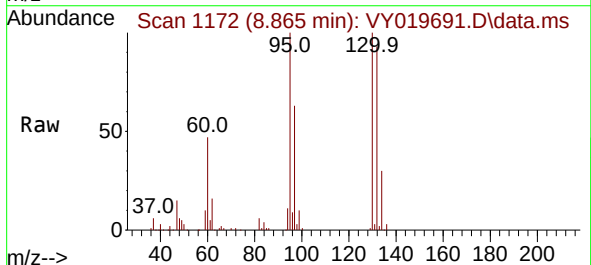
Instrument :
MSVOA_Y
ClientSampleId :

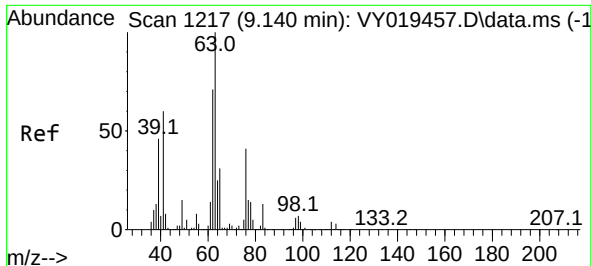
Tgt Ion: 43 Resp: 100202
Ion Ratio Lower Upper
43 100
61 30.4 27.9 41.9
87 13.7 13.1 19.7



#44
Trichloroethene
Concen: 19.790 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion:130 Resp: 76390
Ion Ratio Lower Upper
130 100
95 99.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.434 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

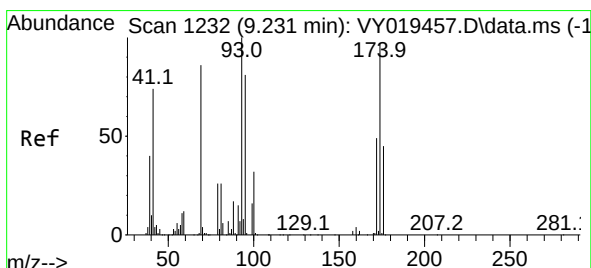
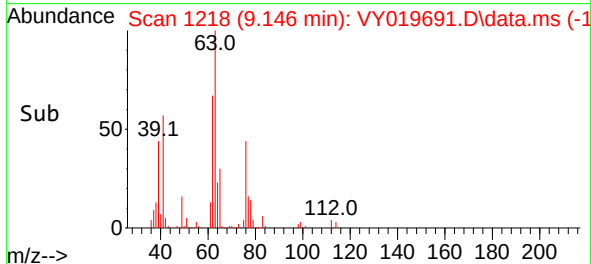
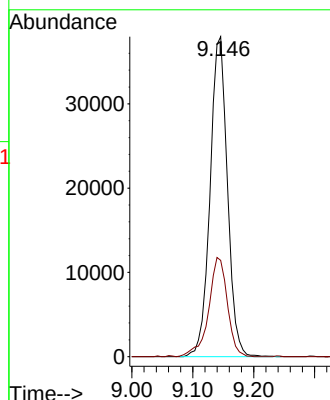
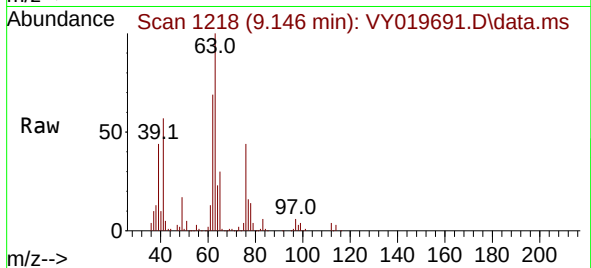
ClientSampleId :

Tgt Ion: 63 Resp: 74979

Ion Ratio Lower Upper

63 100

65 29.9 25.4 38.2



#46

Dibromomethane

Concen: 21.069 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

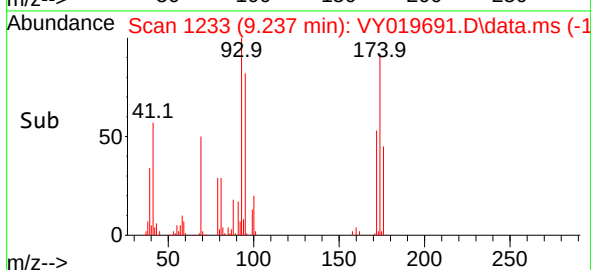
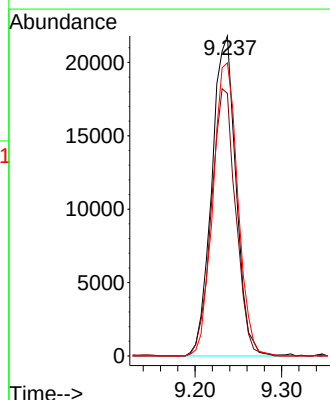
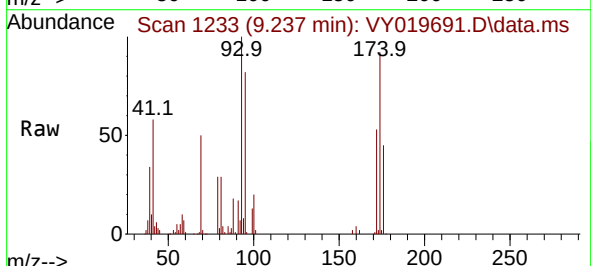
Tgt Ion: 93 Resp: 42275

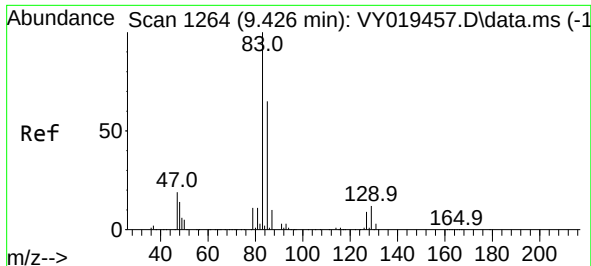
Ion Ratio Lower Upper

93 100

95 84.0 66.2 99.4

174 94.0 80.9 121.3

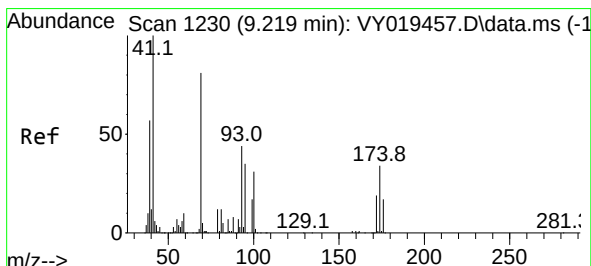
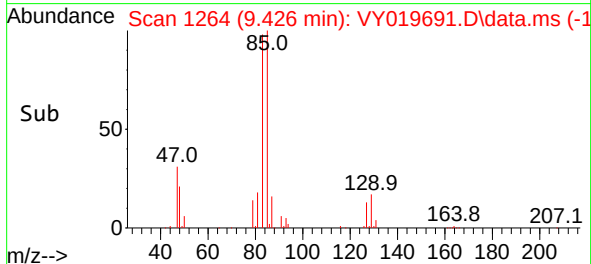
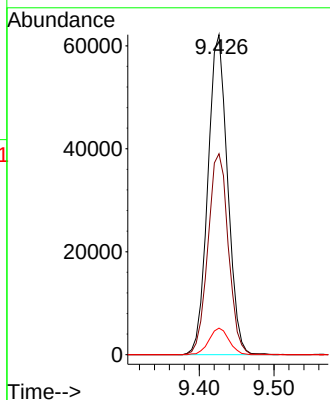
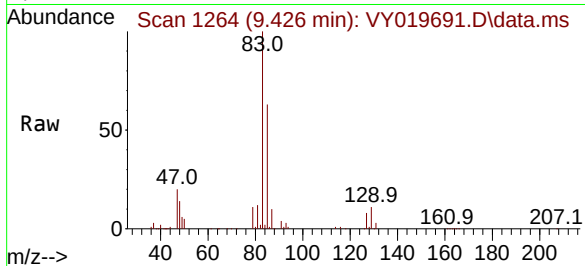




#47
Bromodichloromethane
Concen: 21.096 ug/l
RT: 9.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

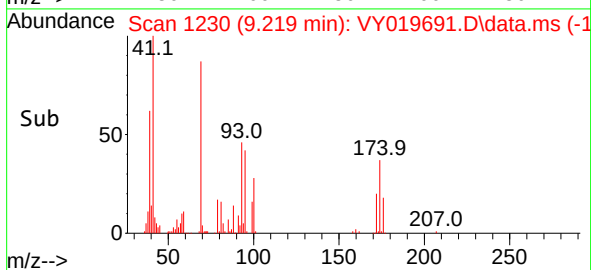
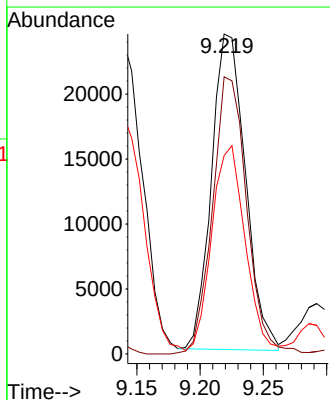
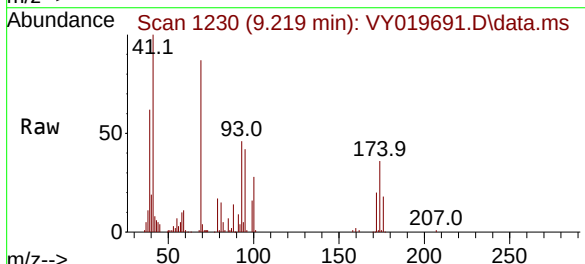
Instrument :
MSVOA_Y
ClientSampleId :

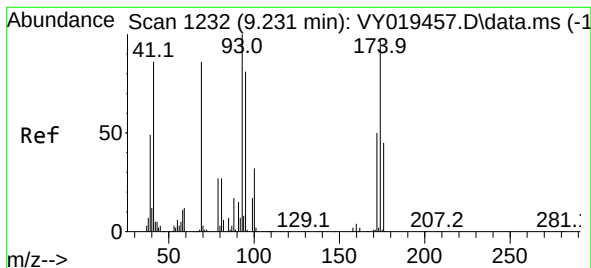
Tgt Ion: 83 Resp: 113787
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 8.3 7.4 11.0



#48
Methyl methacrylate
Concen: 18.307 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 41 Resp: 45347
Ion Ratio Lower Upper
41 100
69 88.5 84.1 126.1
39 64.9 43.6 65.4





#49

1,4-Dioxane

Concen: 418.898 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

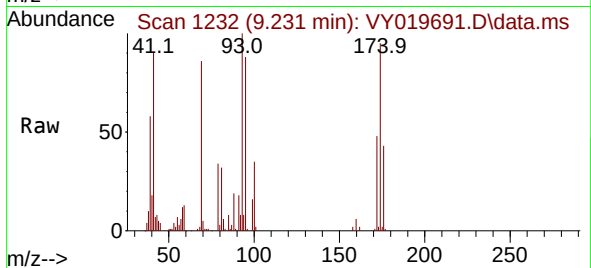
Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

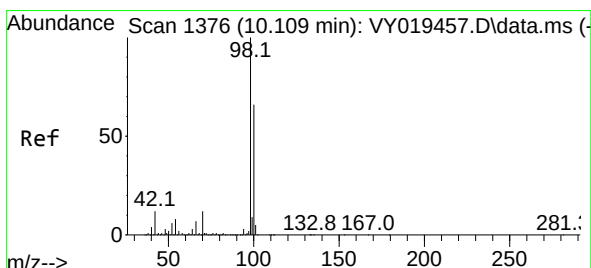
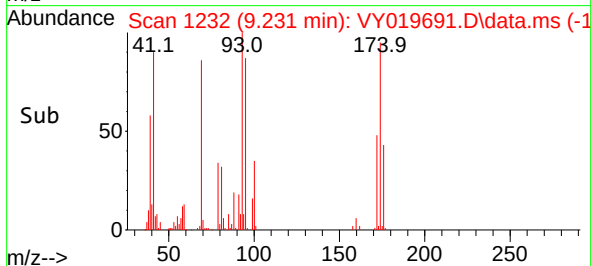
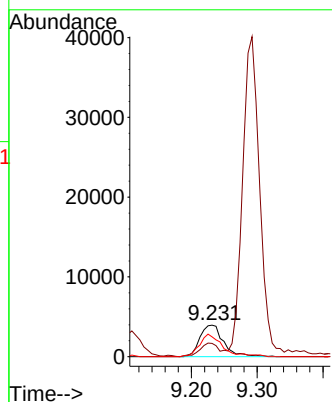
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	9895
Ion	Ratio	Lower	Upper
88	100		
43	37.9	0.0	0.0#
58	70.0	49.3	73.9



#50

Toluene-d8

Concen: 46.646 ug/l

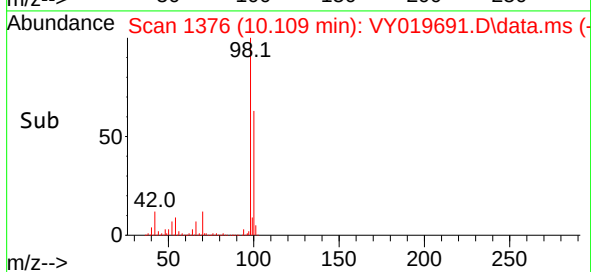
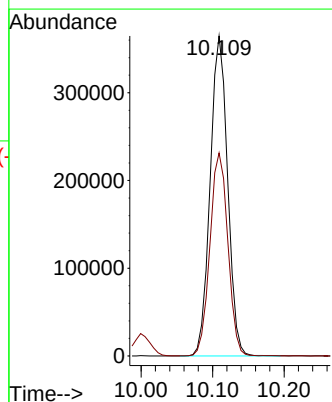
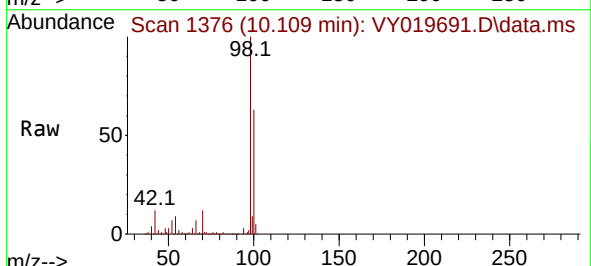
RT: 10.109 min Scan# 1376

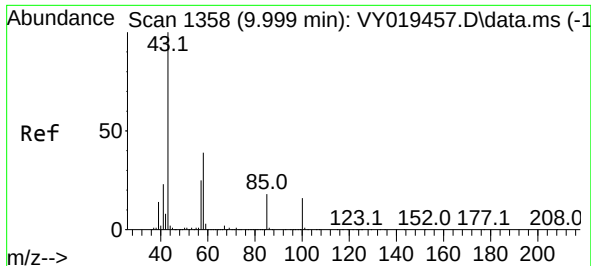
Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Tgt Ion:	98	Resp:	617865
Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 97.273 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

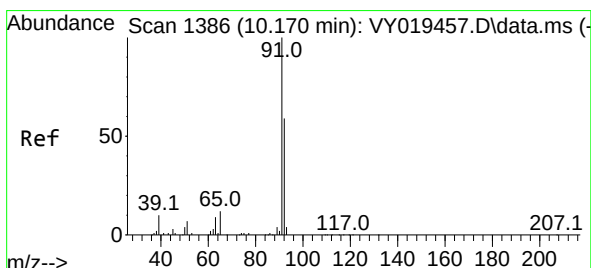
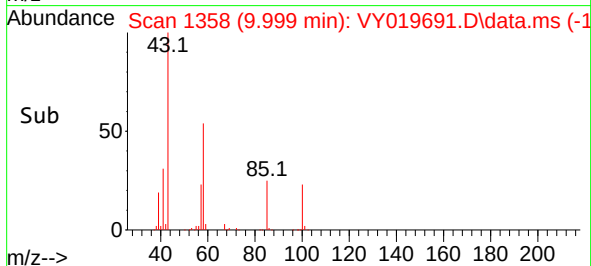
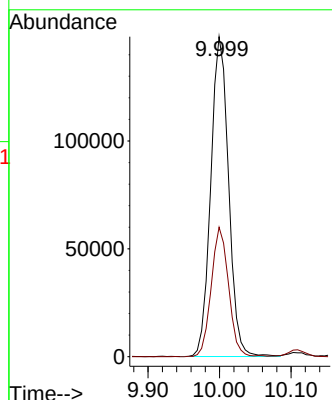
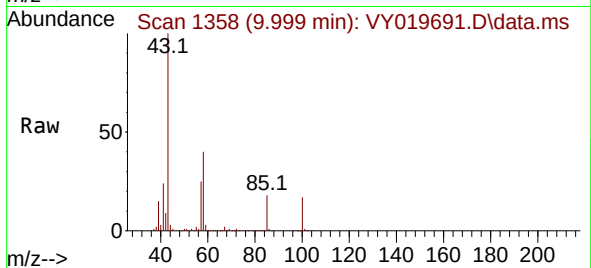
ClientSampleId :

Tgt Ion: 43 Resp: 256701

Ion Ratio Lower Upper

43 100

58 39.4 35.7 53.5



#52

Toluene

Concen: 20.203 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019691.D

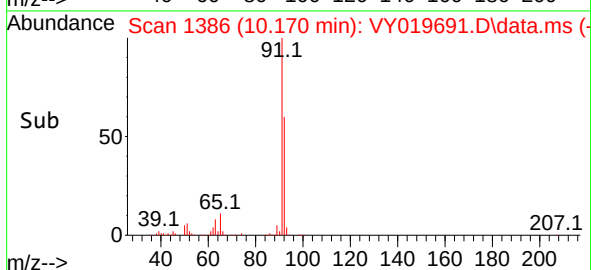
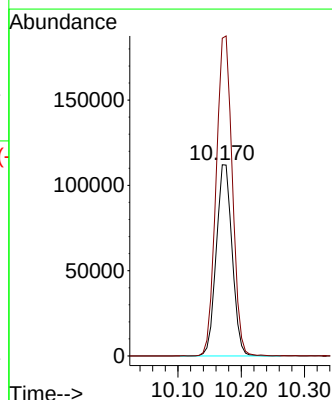
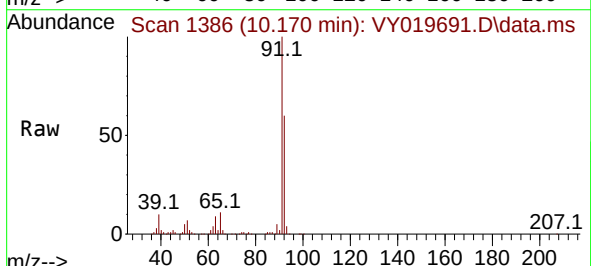
Acq: 25 Sep 2024 13:21

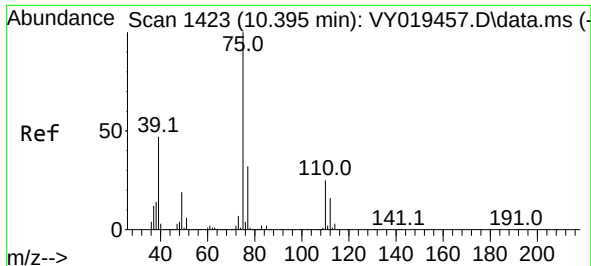
Tgt Ion: 92 Resp: 195016

Ion Ratio Lower Upper

92 100

91 171.0 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.178 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

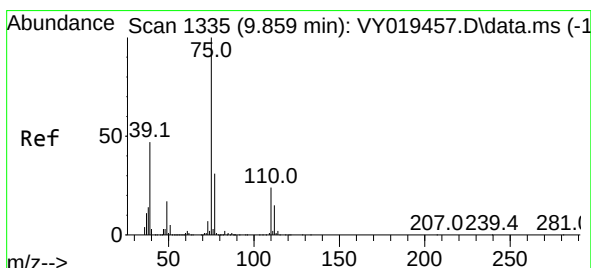
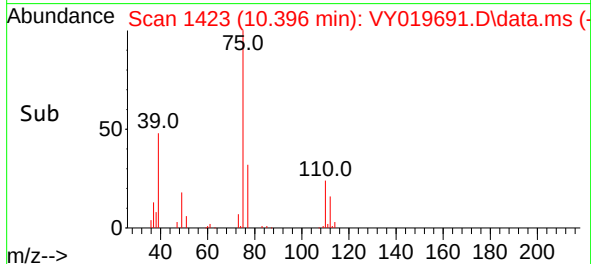
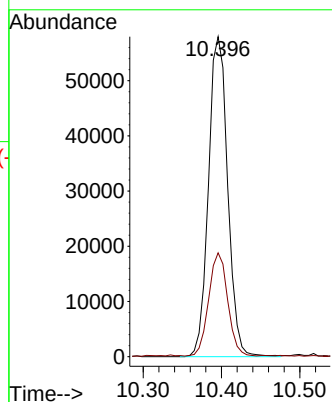
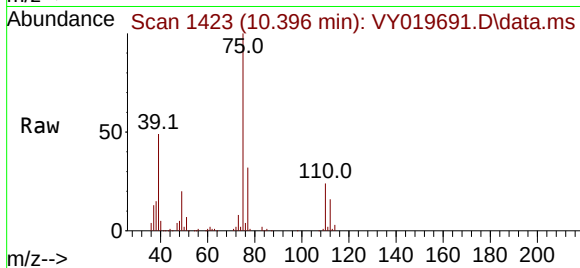
ClientSampleId :

Tgt Ion: 75 Resp: 98606

Ion Ratio Lower Upper

75 100

77 32.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.428 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

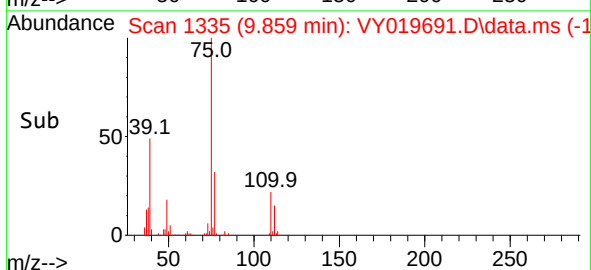
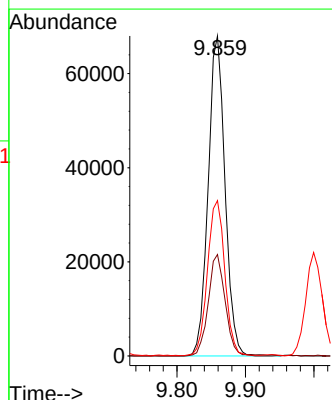
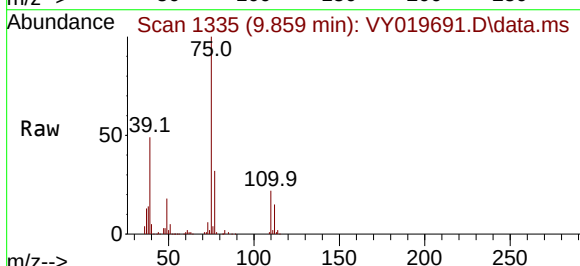
Tgt Ion: 75 Resp: 116314

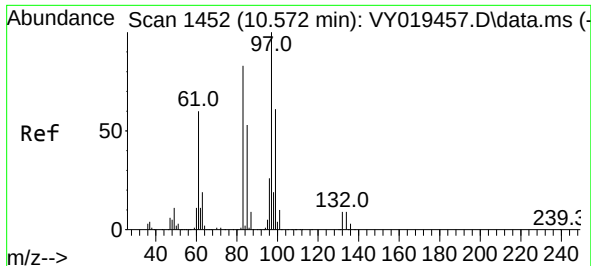
Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

39 48.4 29.8 44.6#

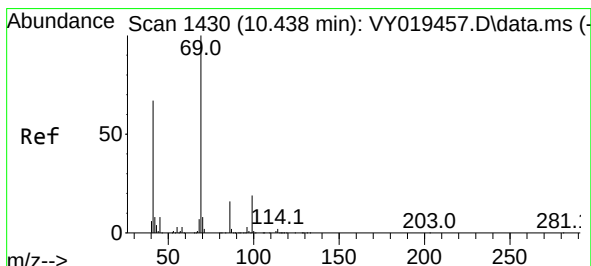
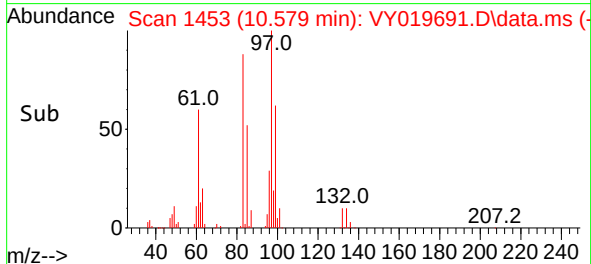
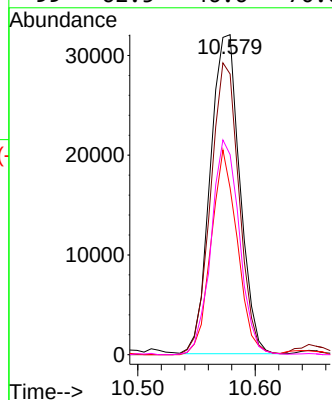
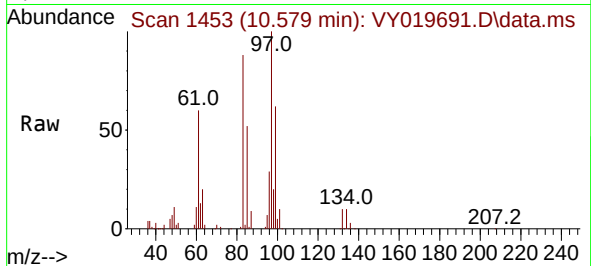




#55
1,1,2-Trichloroethane
Concen: 20.157 ug/l
RT: 10.579 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

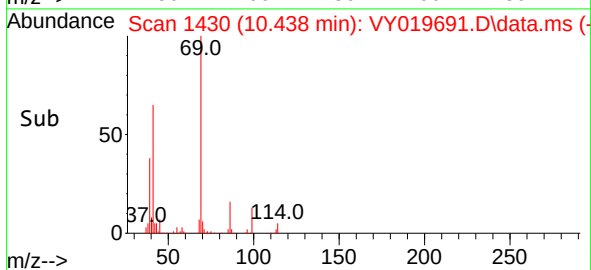
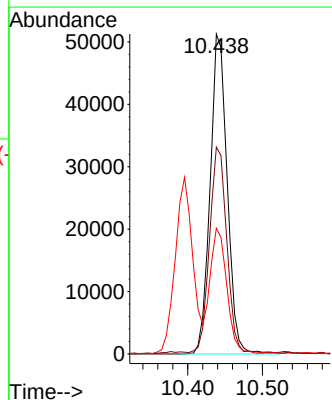
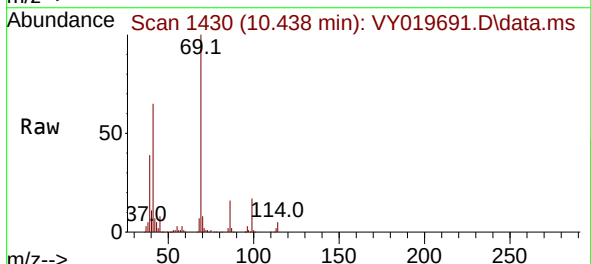
Instrument :
MSVOA_Y
ClientSampleId :

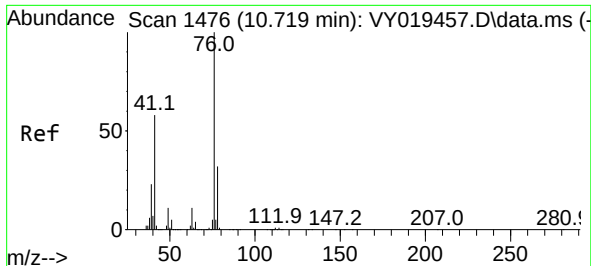
Tgt Ion: 97	Resp: 55853
Ion Ratio	Lower Upper
97 100	
83 87.8	67.5 101.3
85 52.2	42.9 64.3
99 62.5	46.6 70.0



#56
Ethyl methacrylate
Concen: 19.289 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 69	Resp: 81191
Ion Ratio	Lower Upper
69 100	
41 64.9	42.3 63.5#
39 38.8	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.505 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

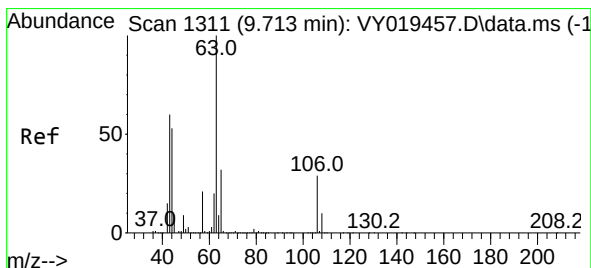
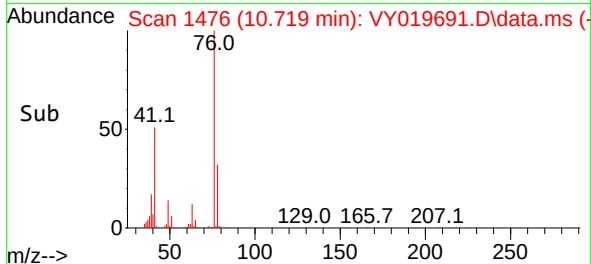
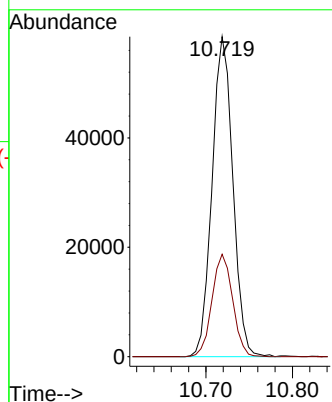
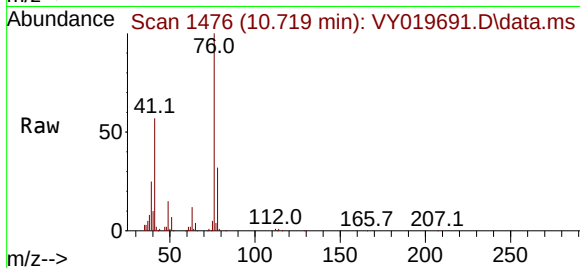
ClientSampleId :

Tgt Ion: 76 Resp: 97666

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.417 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019691.D

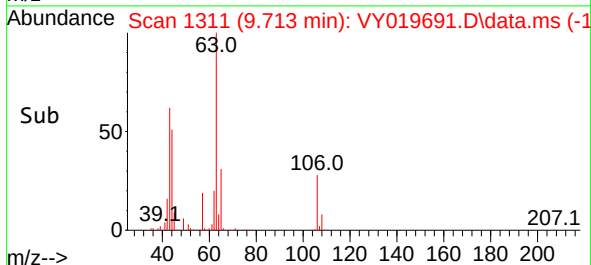
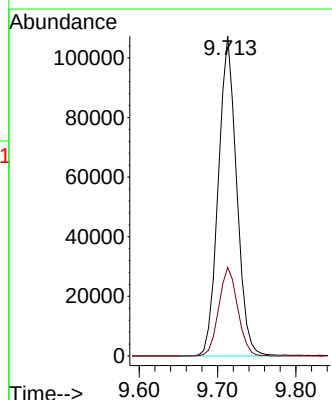
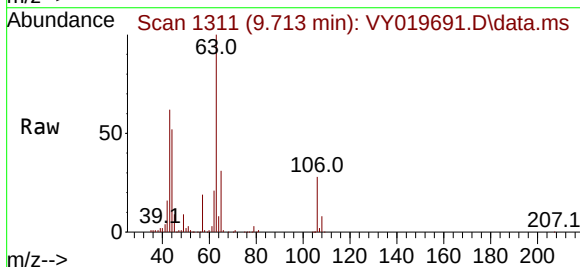
Acq: 25 Sep 2024 13:21

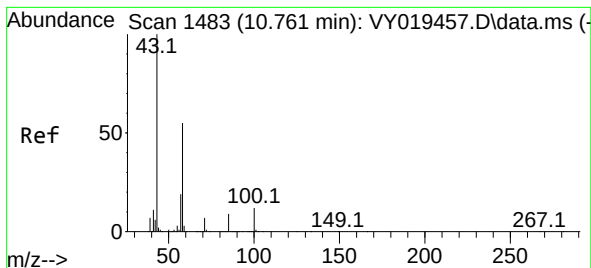
Tgt Ion: 63 Resp: 174689

Ion Ratio Lower Upper

63 100

106 28.4 23.7 35.5

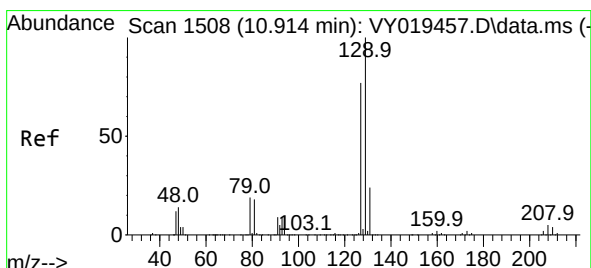
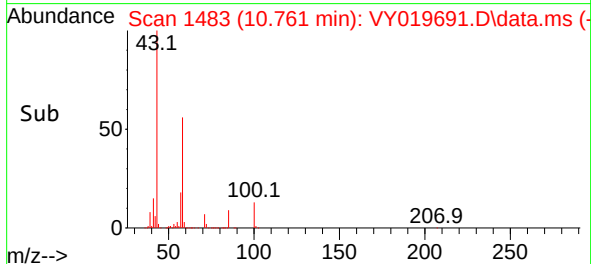
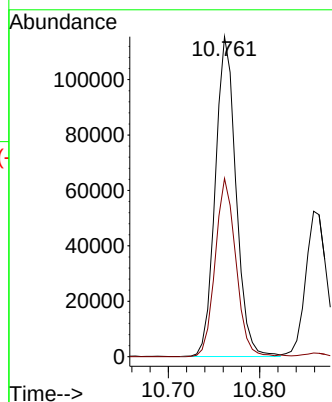
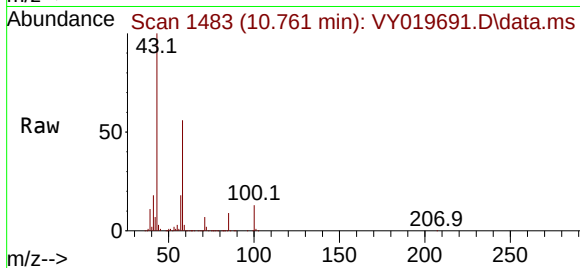




#59
2-Hexanone
Concen: 93.991 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

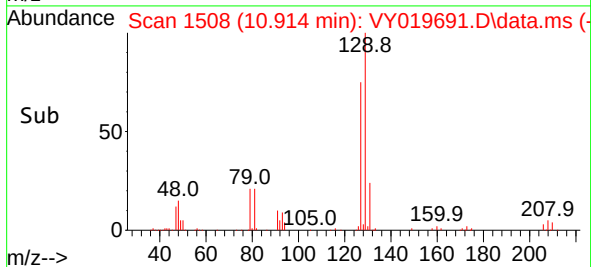
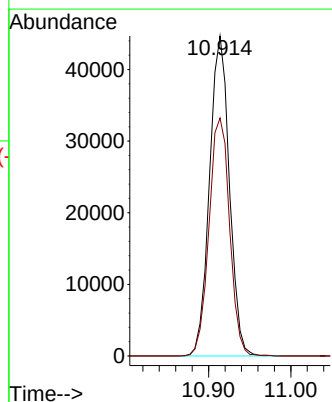
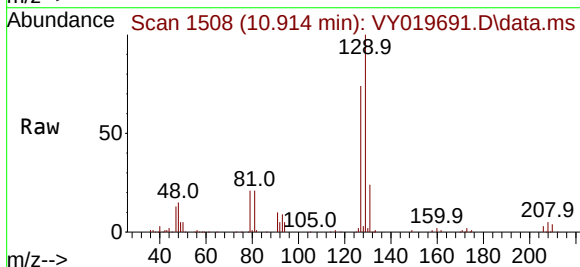
Instrument :
MSVOA_Y
ClientSampleId :

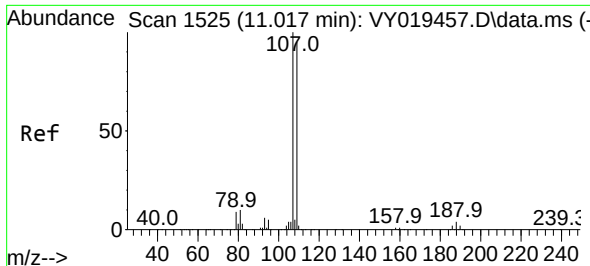
Tgt Ion: 43 Resp: 181845
Ion Ratio Lower Upper
43 100
58 55.8 31.4 94.0



#60
Dibromochloromethane
Concen: 20.448 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 129 Resp: 74953
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0

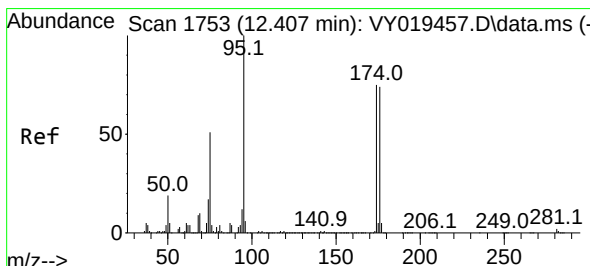
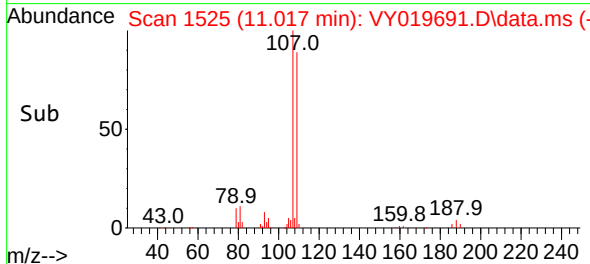
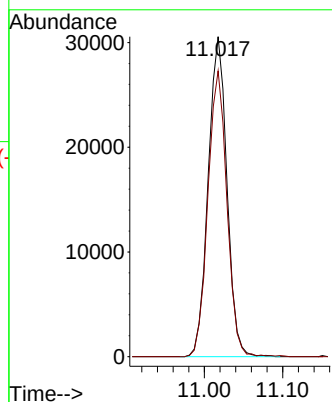
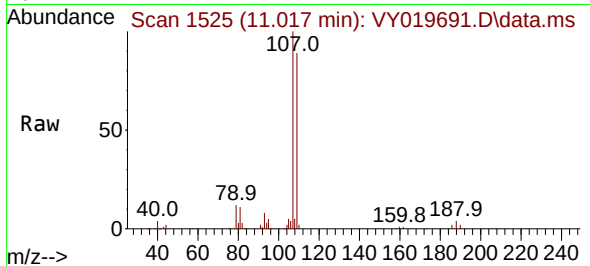




#61
1,2-Dibromoethane
Concen: 19.642 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

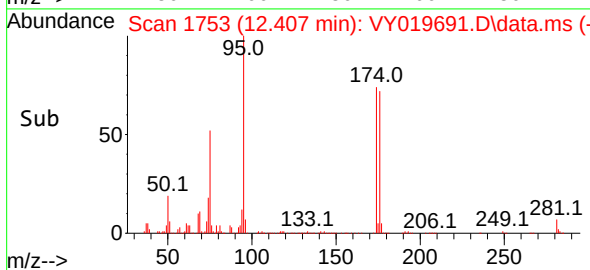
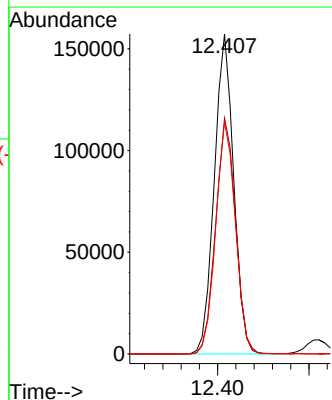
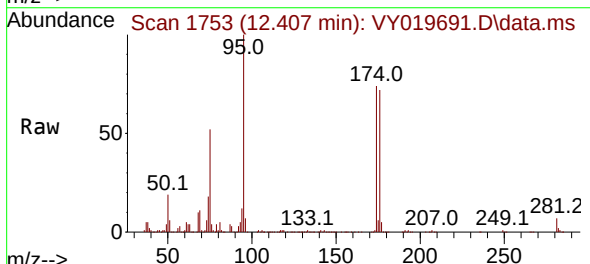
Instrument :
MSVOA_Y
ClientSampleId :

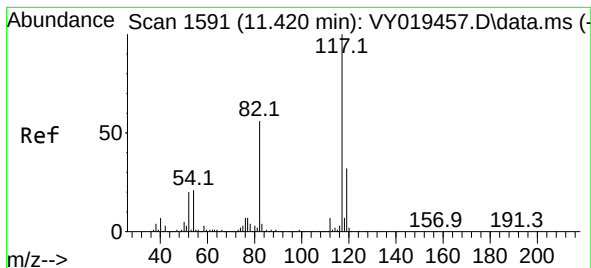
Tgt Ion:107 Resp: 50712
Ion Ratio Lower Upper
107 100
109 90.8 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.488 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 95 Resp: 231676
Ion Ratio Lower Upper
95 100
174 75.8 0.0 175.6
176 73.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. 0.000 min

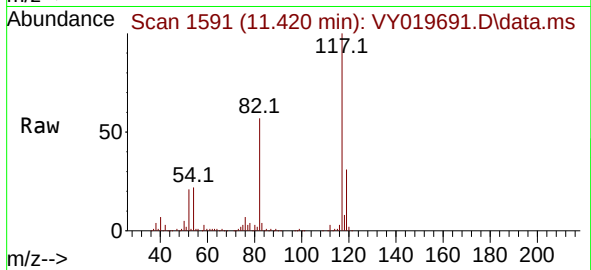
Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :



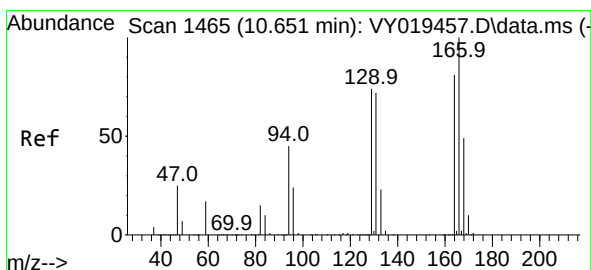
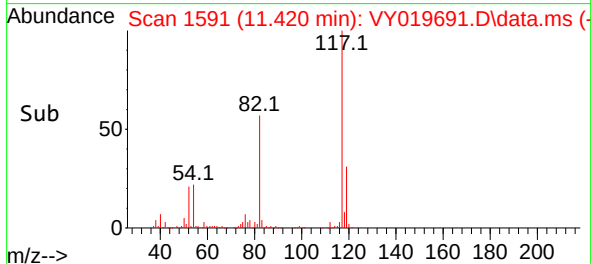
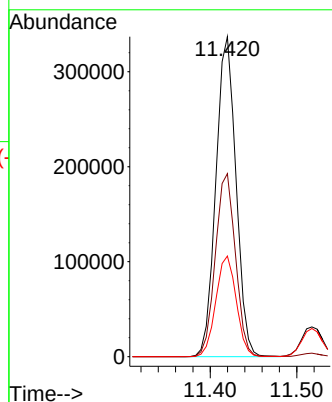
Tgt Ion:117 Resp: 542971

Ion Ratio Lower Upper

117 100

82 57.2 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 19.057 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Tgt Ion:164 Resp: 64075

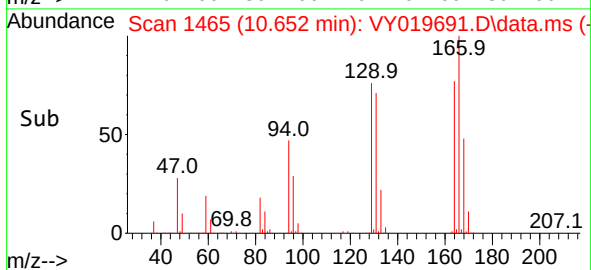
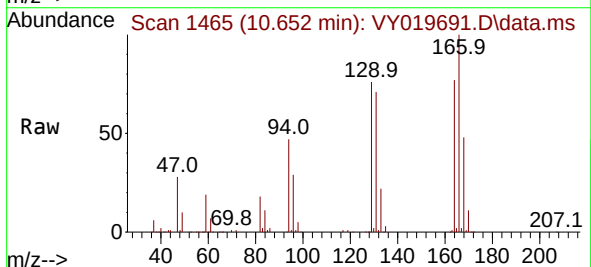
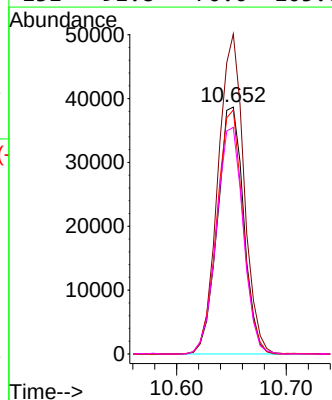
Ion Ratio Lower Upper

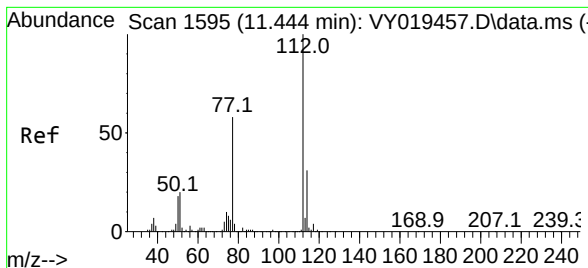
164 100

166 129.6 102.6 154.0

129 98.8 72.0 108.0

131 91.8 70.0 105.0





#65

Chlorobenzene

Concen: 20.377 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

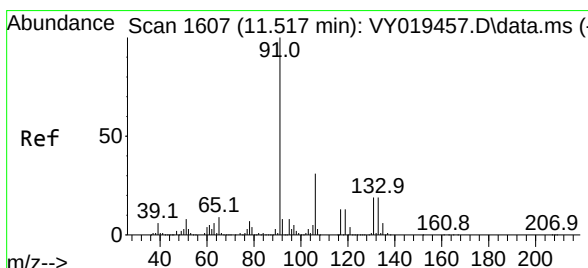
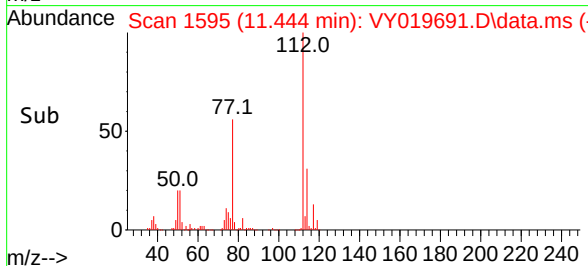
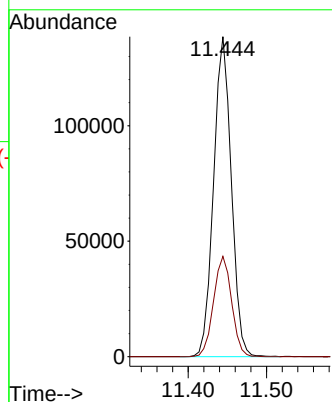
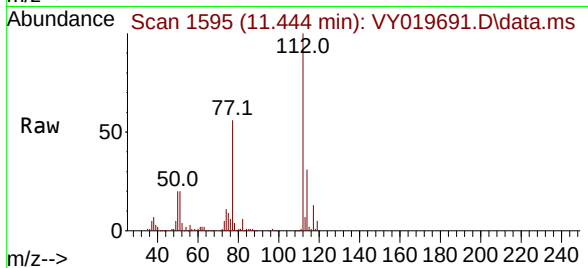
ClientSampleId :

Tgt Ion:112 Resp: 217639

Ion Ratio Lower Upper

112 100

114 31.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.252 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

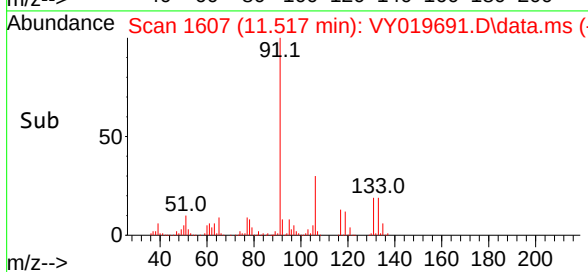
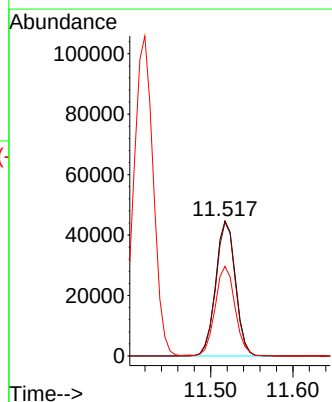
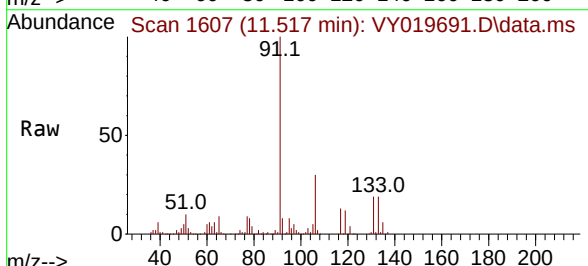
Tgt Ion:131 Resp: 74893

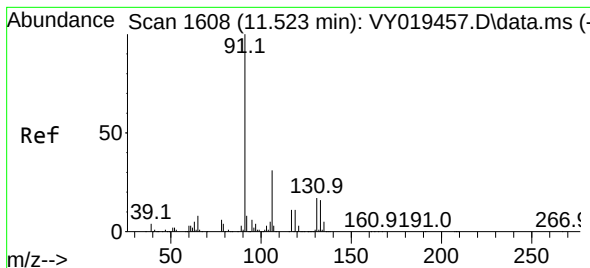
Ion Ratio Lower Upper

131 100

133 97.5 47.8 143.3

119 66.8 34.1 102.2





#67

Ethyl Benzene

Concen: 20.182 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

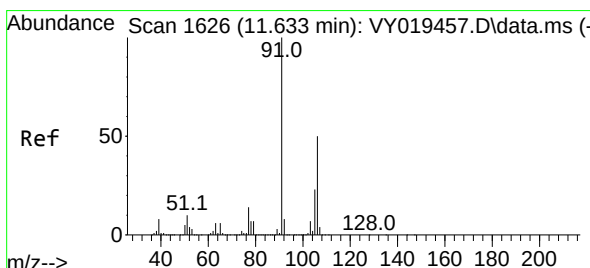
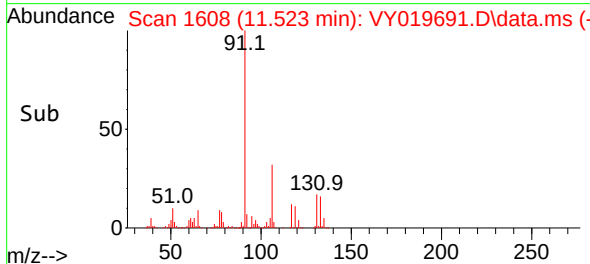
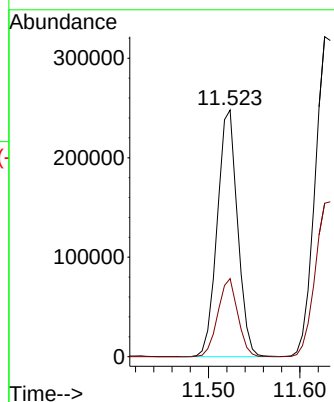
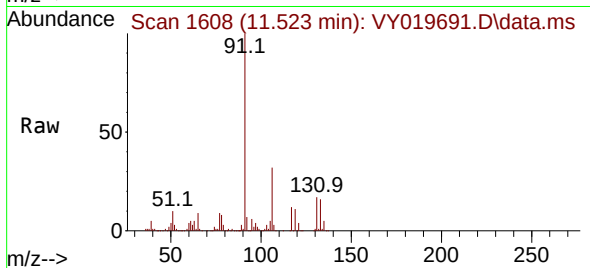
ClientSampleId :

Tgt Ion: 91 Resp: 383007

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 40.224 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY019691.D

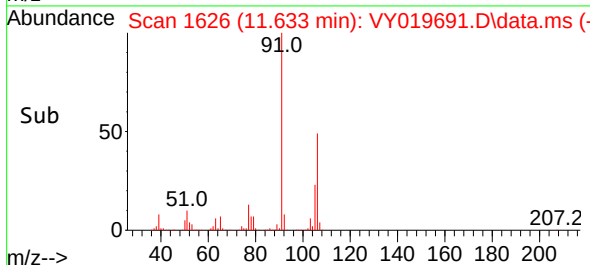
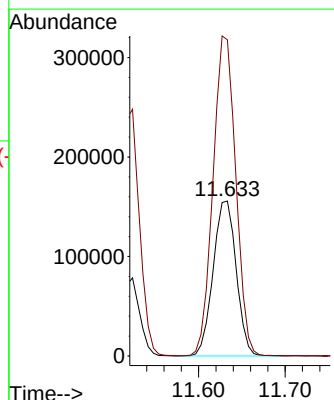
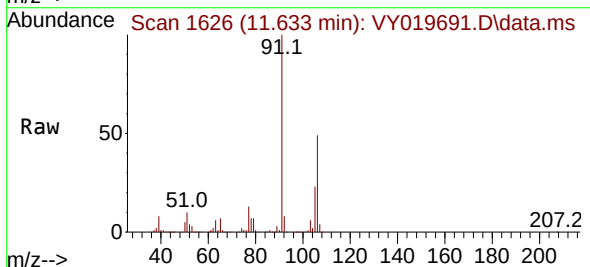
Acq: 25 Sep 2024 13:21

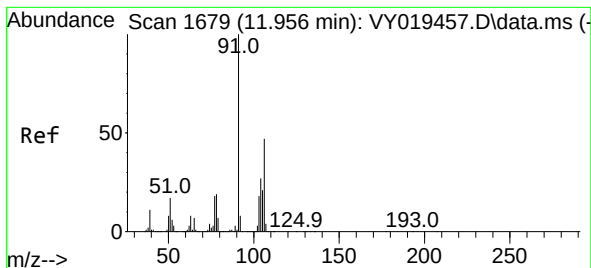
Tgt Ion: 106 Resp: 288641

Ion Ratio Lower Upper

106 100

91 203.4 156.0 234.0

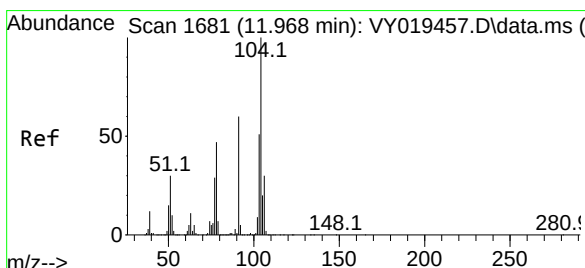
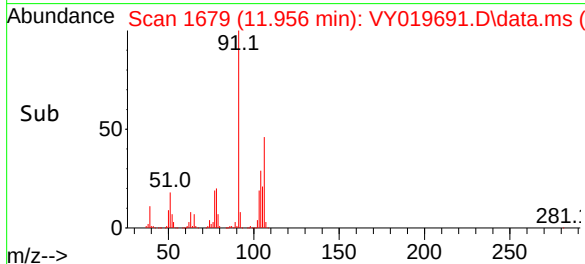
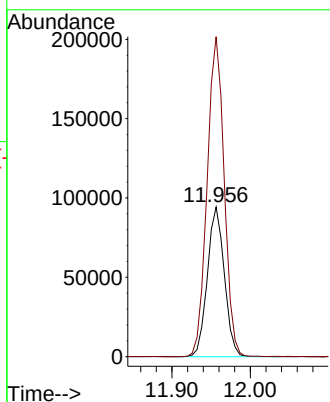
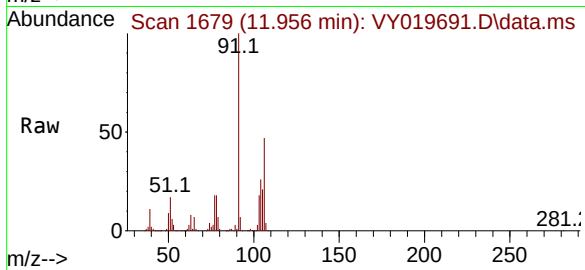




#69
o-Xylene
Concen: 20.191 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

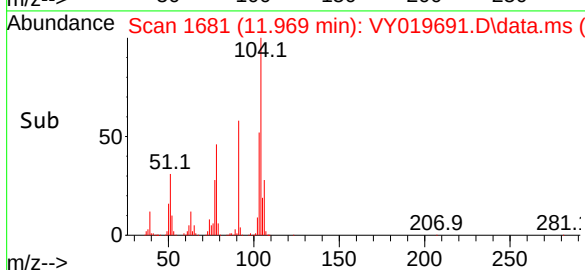
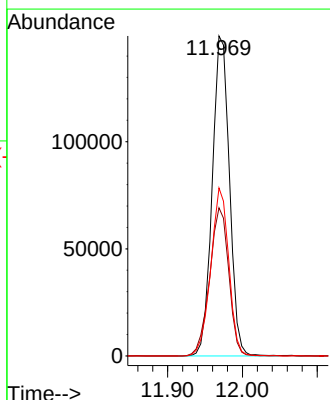
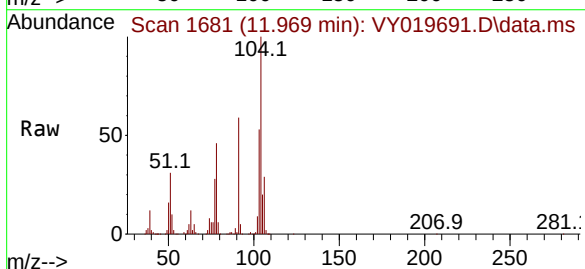
Instrument :
MSVOA_Y
ClientSampleId :

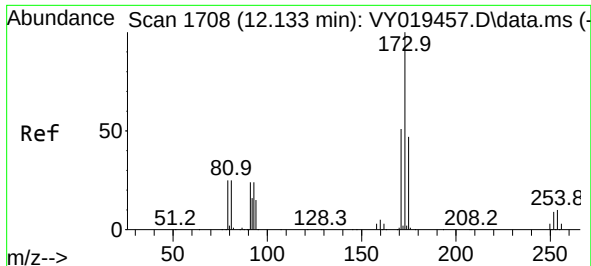
Tgt Ion:106 Resp: 141696
Ion Ratio Lower Upper
106 100
91 215.1 103.6 310.8



#70
Styrene
Concen: 20.194 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion:104 Resp: 239265
Ion Ratio Lower Upper
104 100
78 51.4 37.0 55.4
103 54.9 44.2 66.2

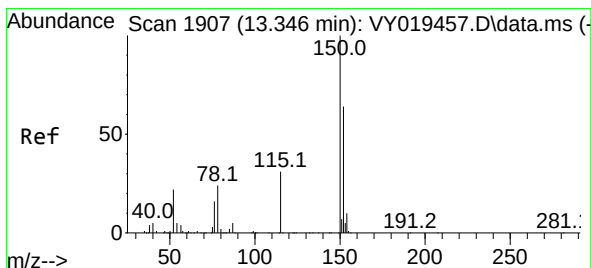
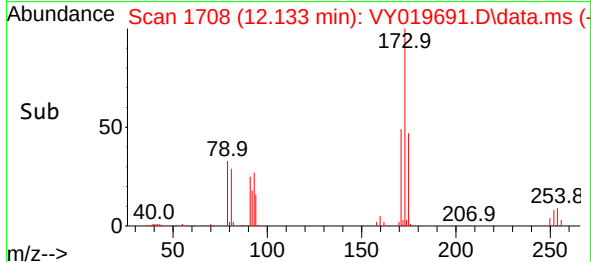
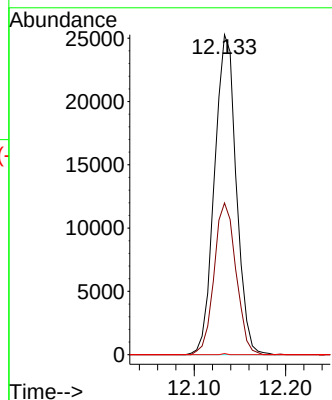
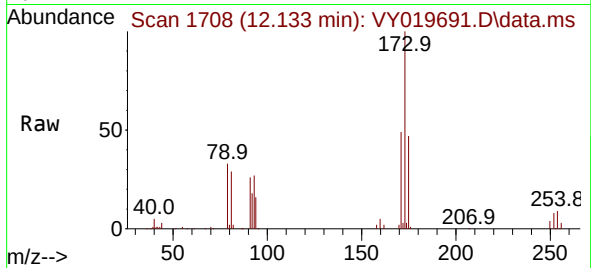




#71
Bromoform
Concen: 19.815 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

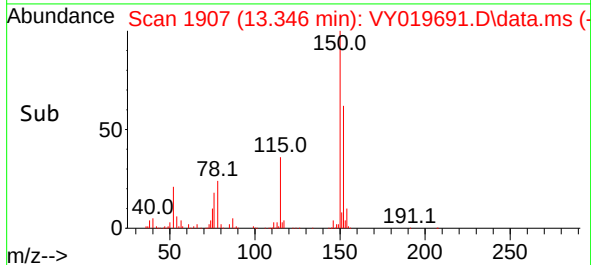
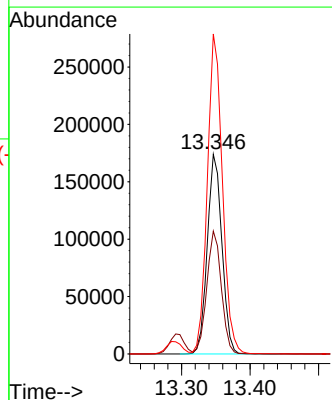
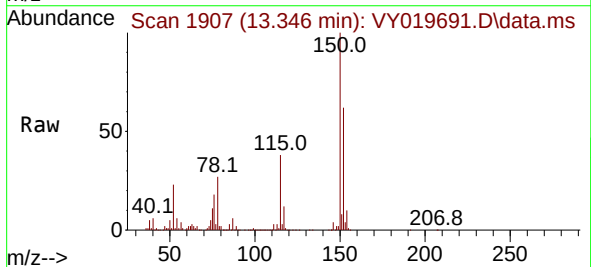
Instrument :
MSVOA_Y
ClientSampleId :

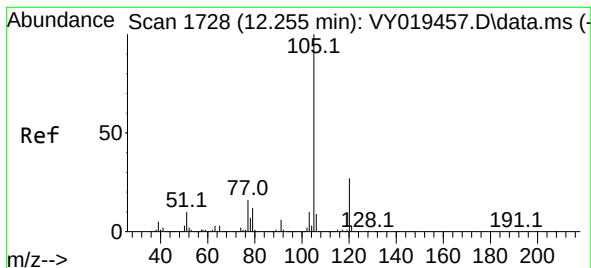
Tgt Ion:173 Resp: 41853
Ion Ratio Lower Upper
173 100
175 47.6 25.1 75.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion:152 Resp: 259007
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 164.8 0.0 345.6





#73

Isopropylbenzene

Concen: 20.161 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

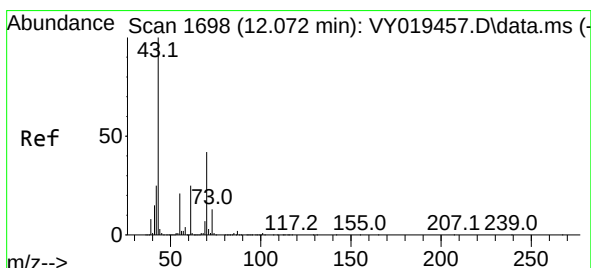
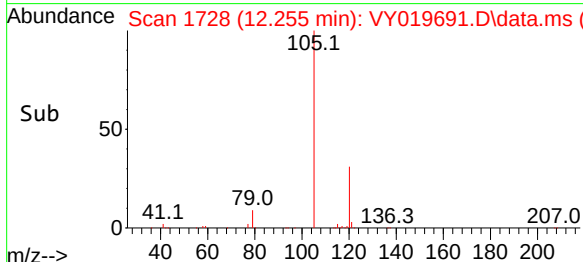
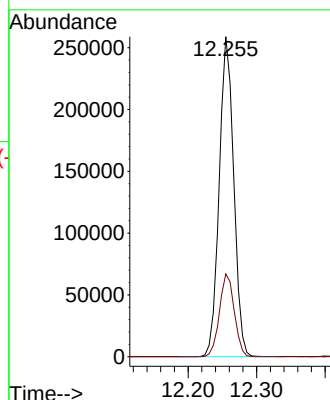
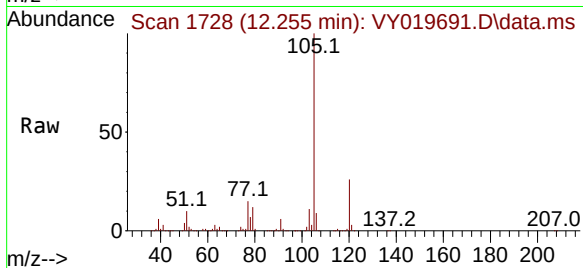
ClientSampleId :

Tgt Ion:105 Resp: 378833

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 18.190 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Tgt Ion: 43 Resp: 92955

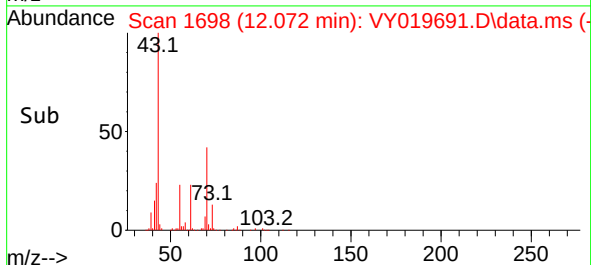
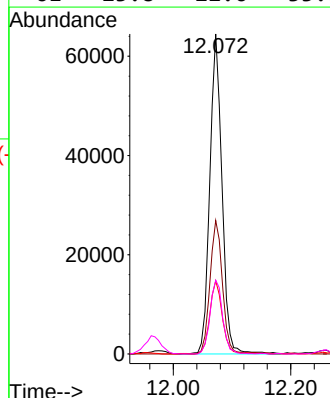
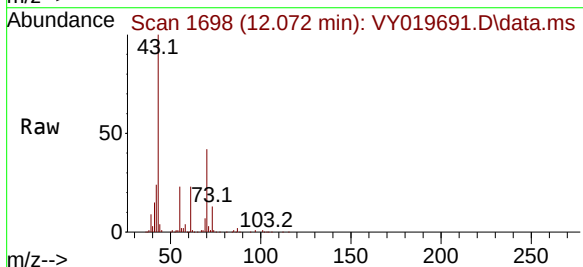
Ion Ratio Lower Upper

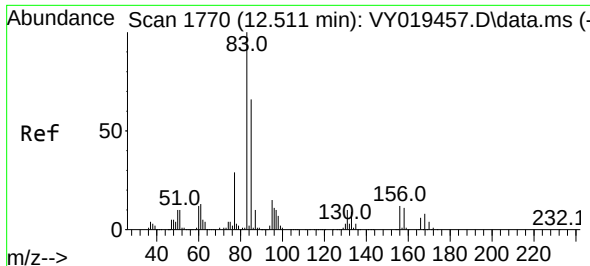
43 100

70 42.6 41.4 62.2

55 23.5 23.3 34.9

61 23.8 22.6 33.8

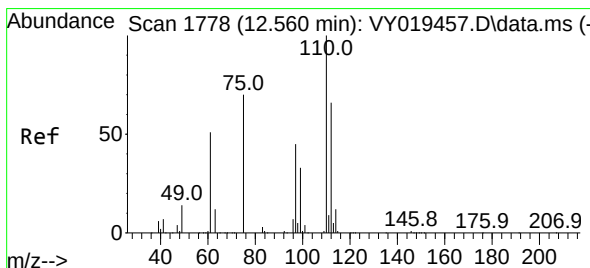
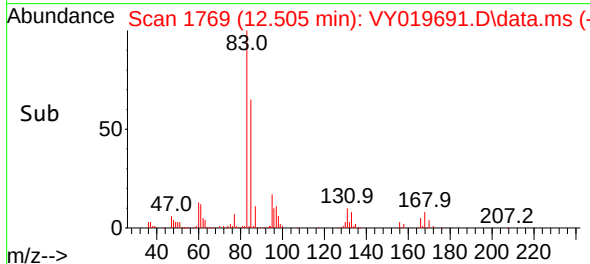
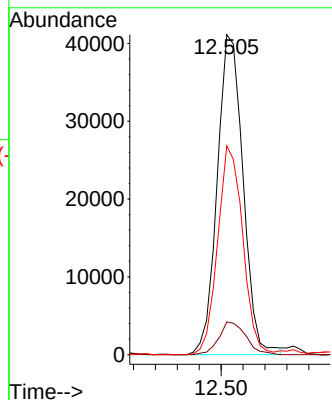
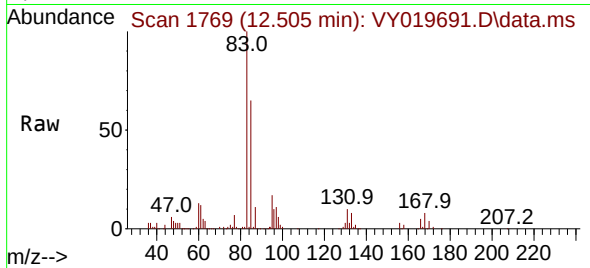




#75
1,1,2,2-Tetrachloroethane
Concen: 20.212 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

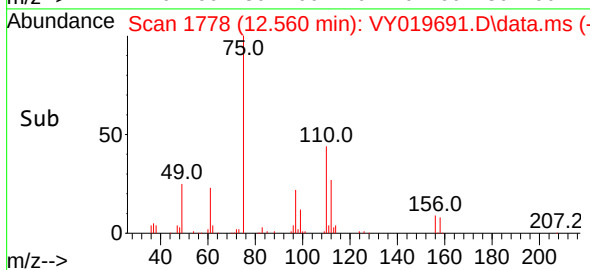
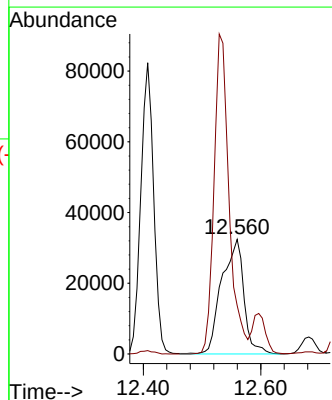
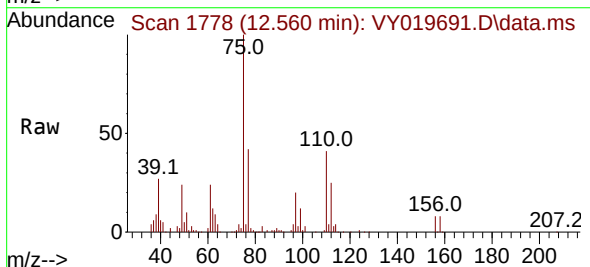
Instrument :
MSVOA_Y
ClientSampleId :

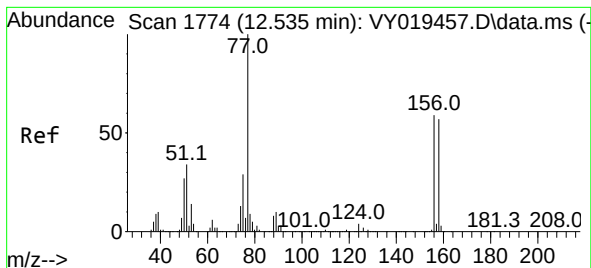
Tgt Ion: 83 Resp: 67410
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 35.196 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 75 Resp: 85444
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.237 ug/l

RT: 12.529 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019691.D

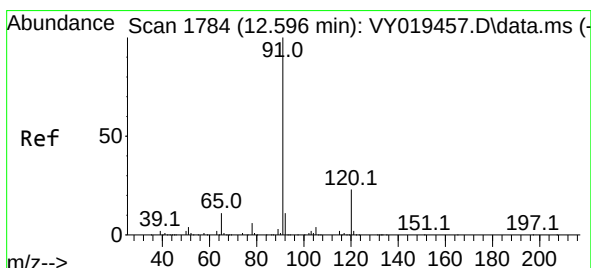
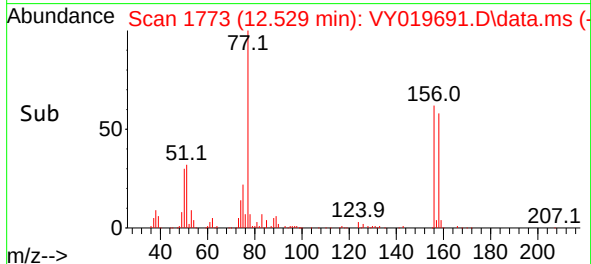
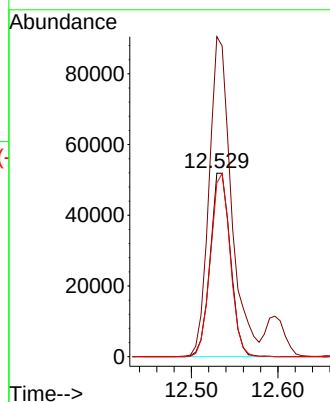
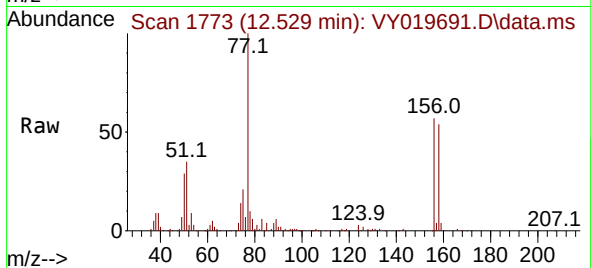
Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	84334
Ion Ratio	Lower	Upper	
156	100		
77	191.3	87.1	261.3
158	97.2	48.6	145.9



#78

n-propylbenzene

Concen: 20.194 ug/l

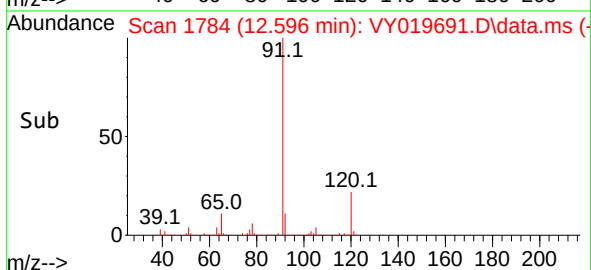
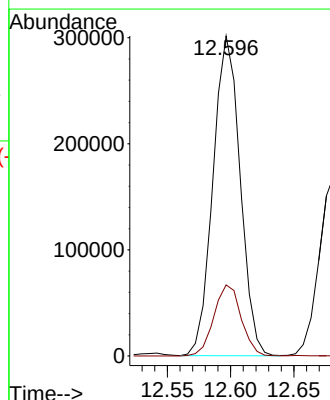
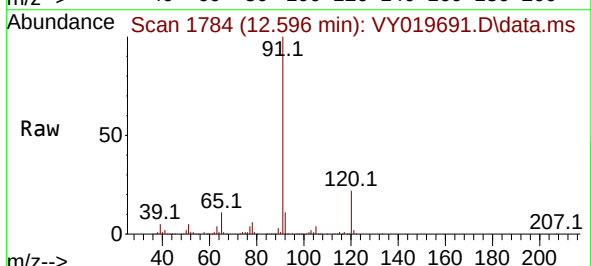
RT: 12.596 min Scan# 1784

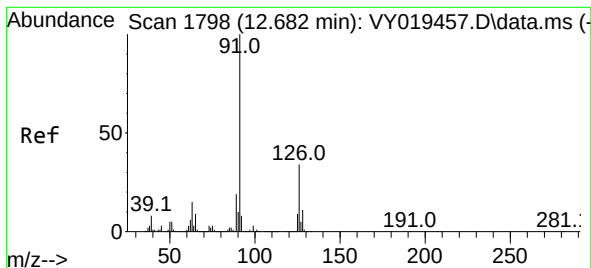
Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Tgt Ion:	91	Resp:	449739
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.127 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

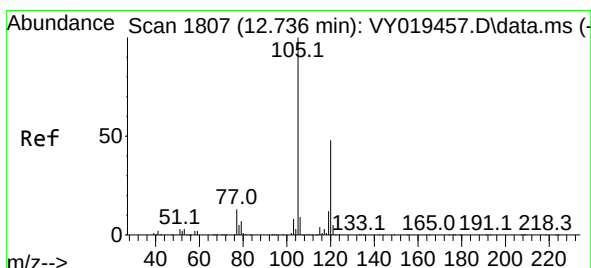
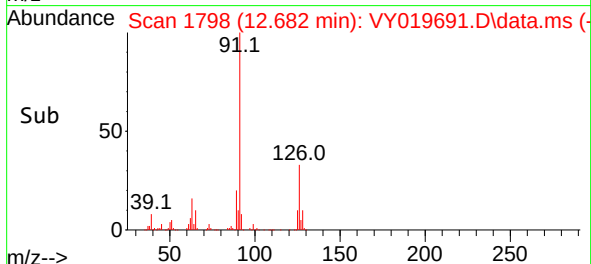
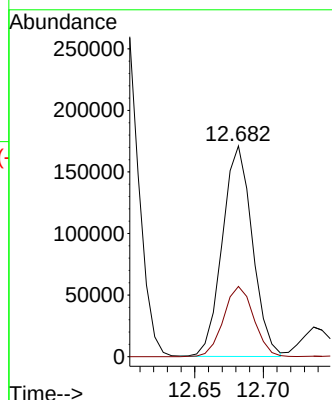
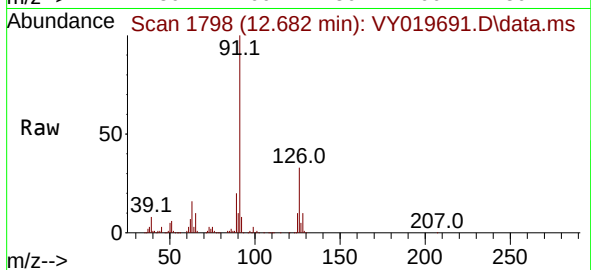
ClientSampleId :

Tgt Ion: 91 Resp: 261236

Ion Ratio Lower Upper

91 100

126 33.6 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.979 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019691.D

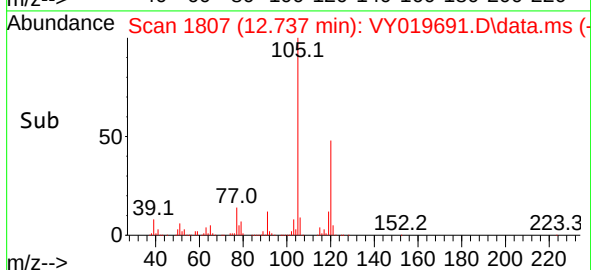
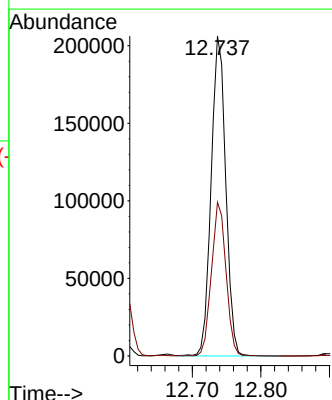
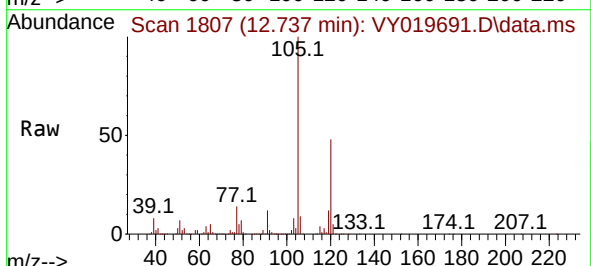
Acq: 25 Sep 2024 13:21

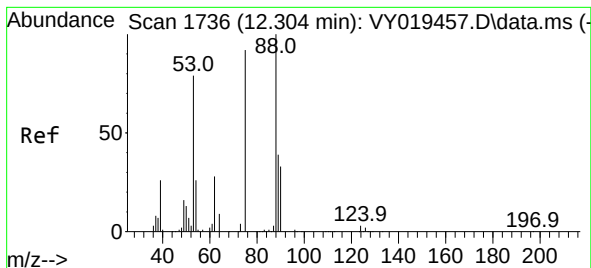
Tgt Ion: 105 Resp: 305192

Ion Ratio Lower Upper

105 100

120 47.9 25.1 75.2

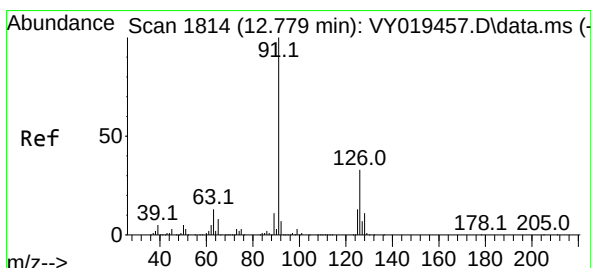
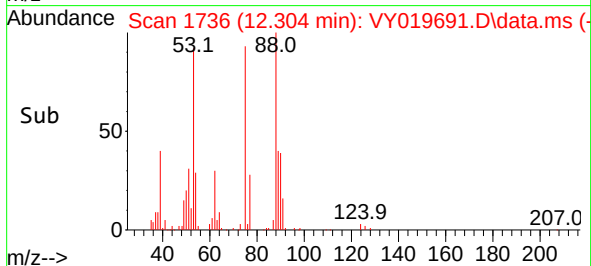
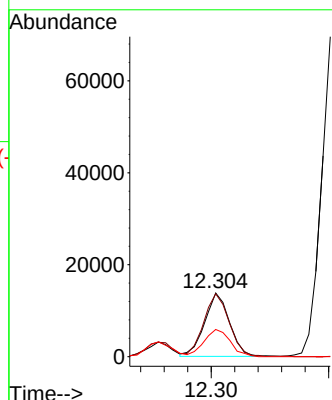
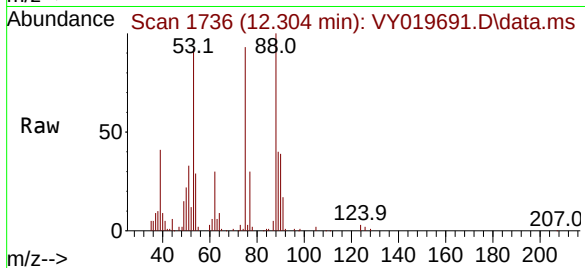




#81
trans-1,4-Dichloro-2-butene
Concen: 16.001 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

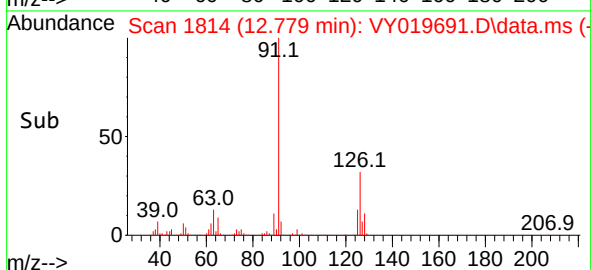
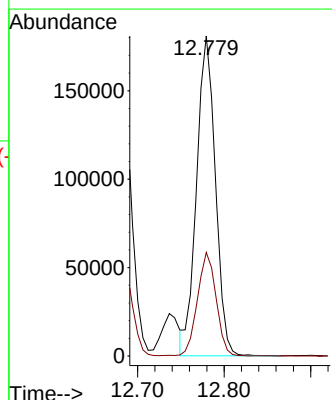
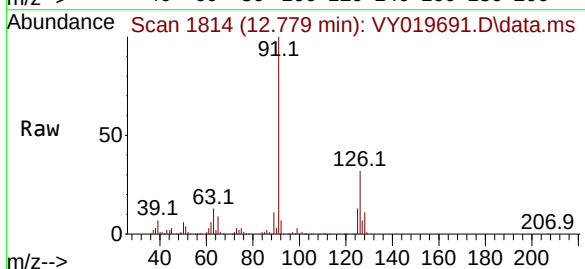
Instrument :
MSVOA_Y
ClientSampleId :

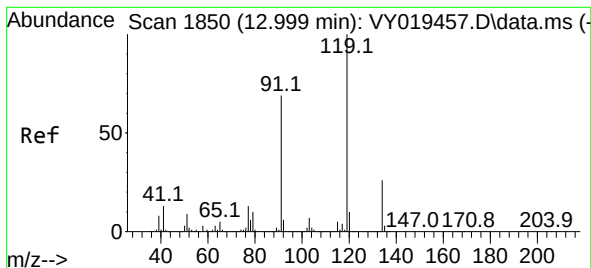
Tgt Ion: 75 Resp: 20235
Ion Ratio Lower Upper
75 100
53 101.8 66.8 100.2#
89 45.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.451 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019691.D
Acq: 25 Sep 2024 13:21

Tgt Ion: 91 Resp: 272890
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.264 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

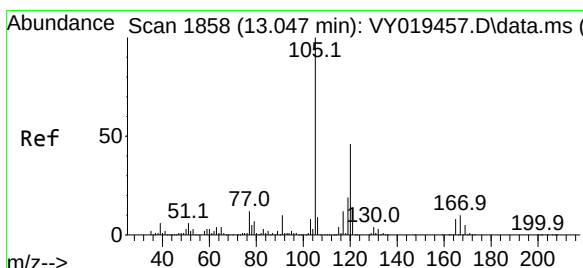
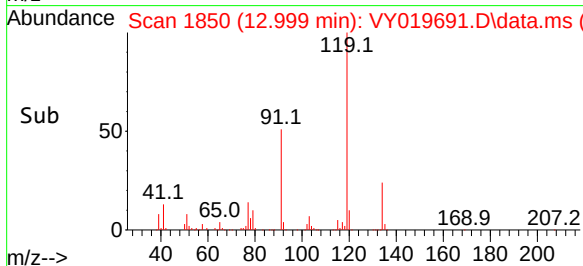
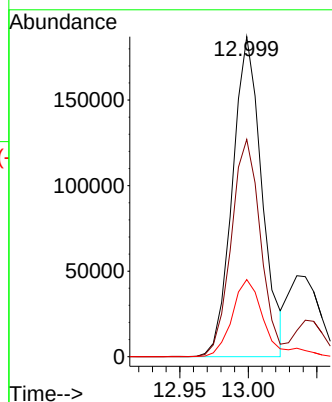
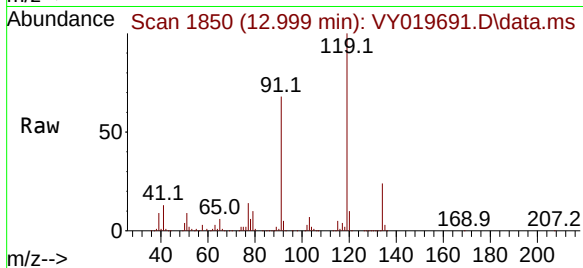
Tgt Ion:119 Resp: 280225

Ion Ratio Lower Upper

119 100

91 67.5 31.3 93.8

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.139 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019691.D

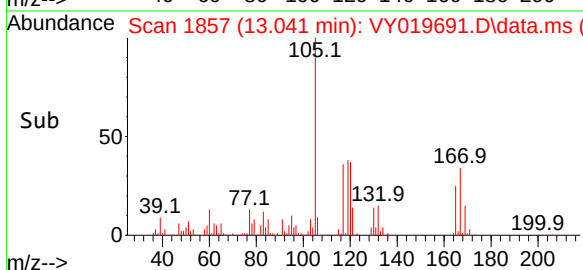
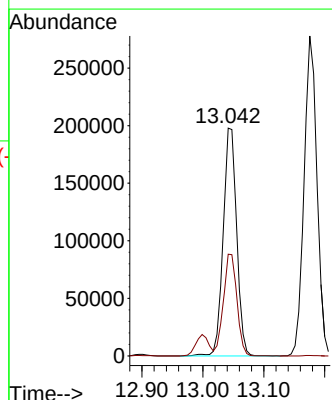
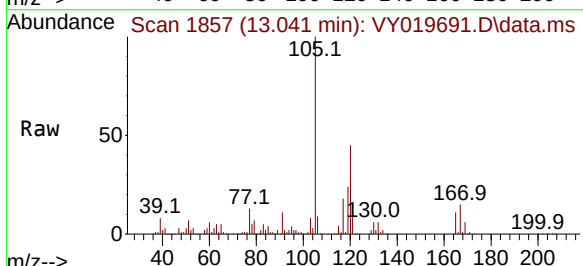
Acq: 25 Sep 2024 13:21

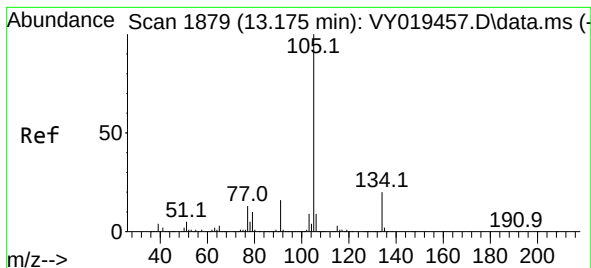
Tgt Ion:105 Resp: 304517

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.318 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

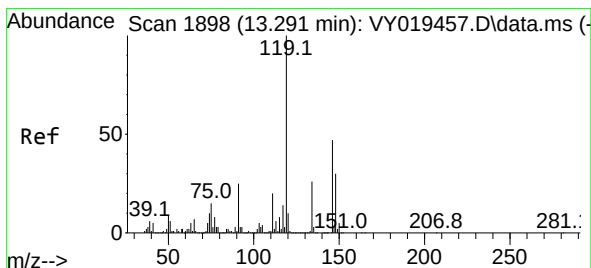
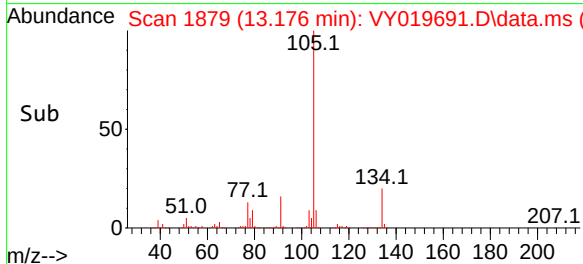
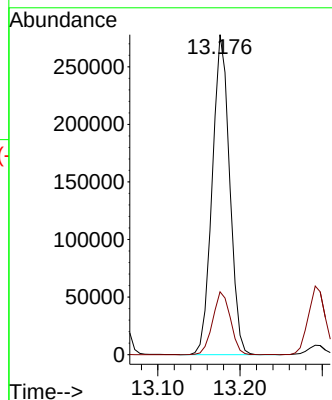
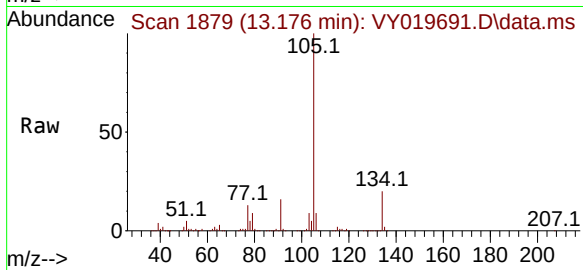
ClientSampleId :

Tgt Ion:105 Resp: 408179

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.260 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

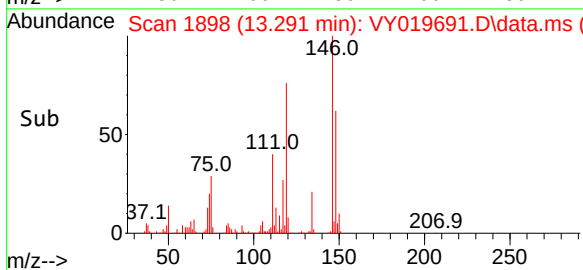
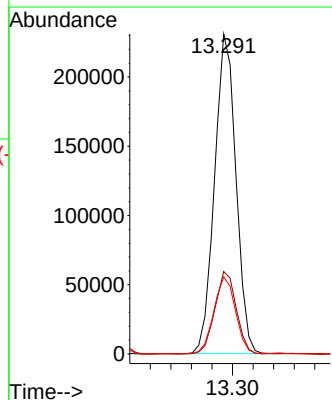
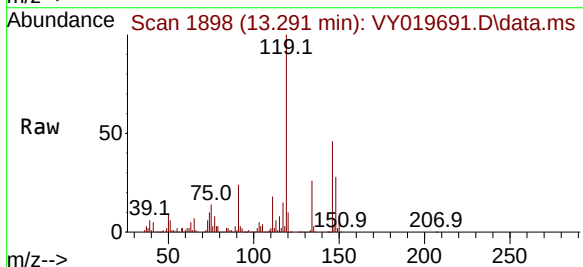
Tgt Ion:119 Resp: 333000

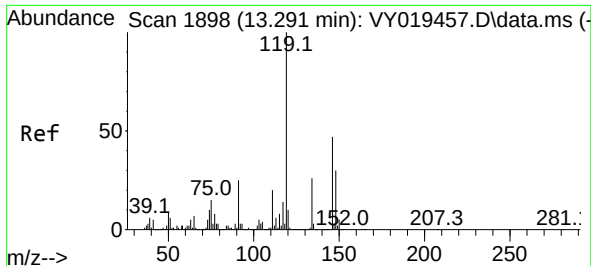
Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.943 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

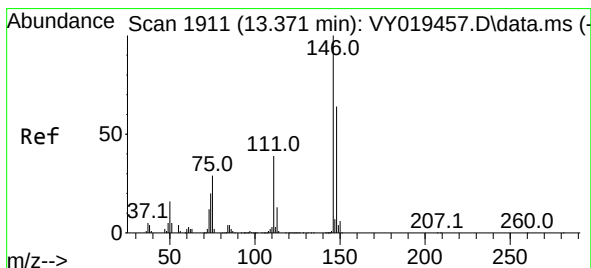
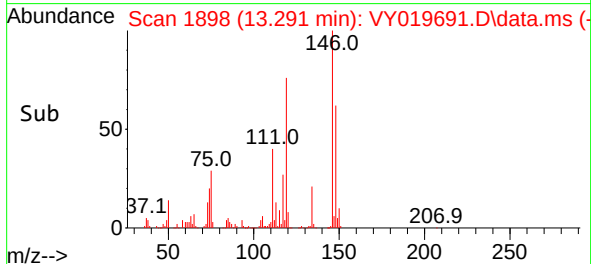
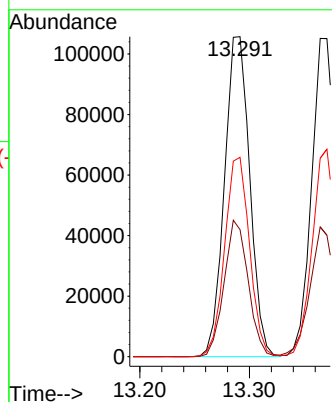
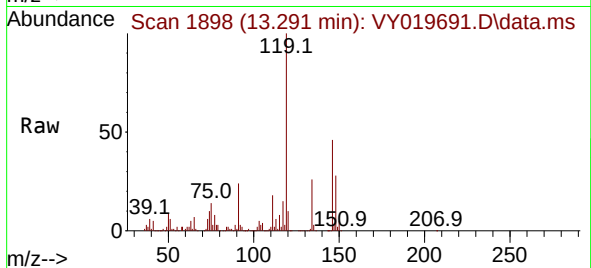
Tgt Ion:146 Resp: 169589

Ion Ratio Lower Upper

146 100

111 40.6 19.0 57.0

148 61.3 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.486 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

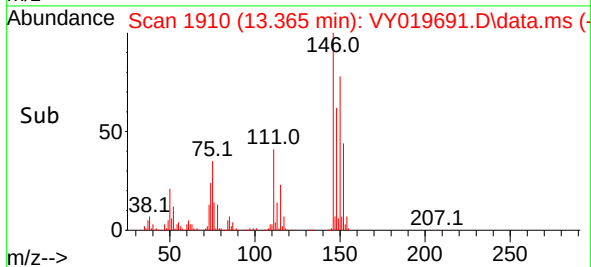
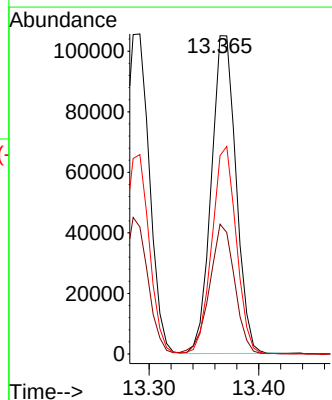
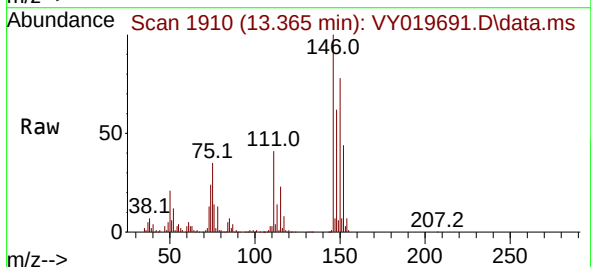
Tgt Ion:146 Resp: 164633

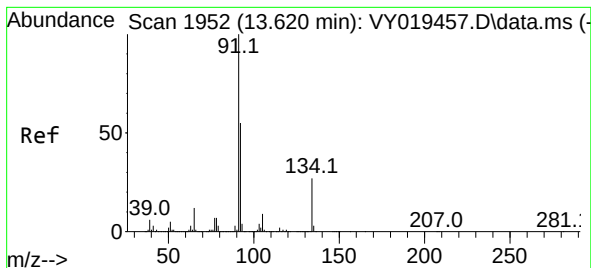
Ion Ratio Lower Upper

146 100

111 41.4 18.4 55.4

148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 20.046 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

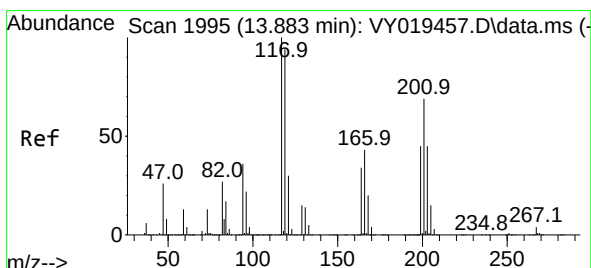
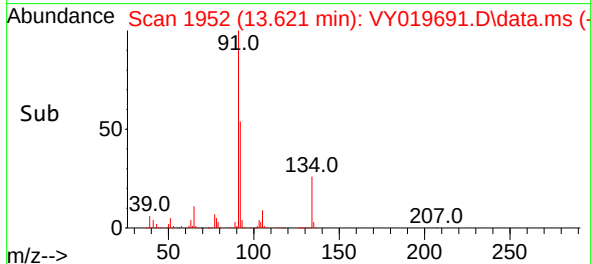
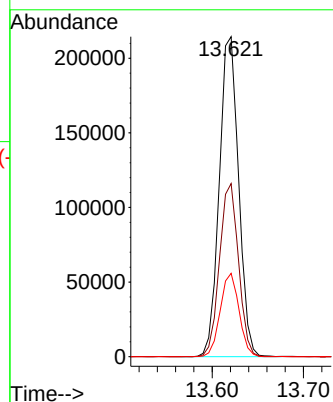
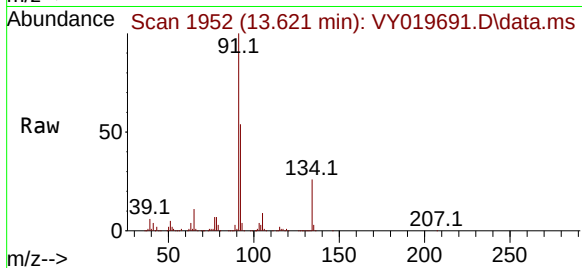
Tgt Ion: 91 Resp: 314991

Ion Ratio Lower Upper

91 100

92 53.3 26.6 79.7

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 19.622 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY019691.D

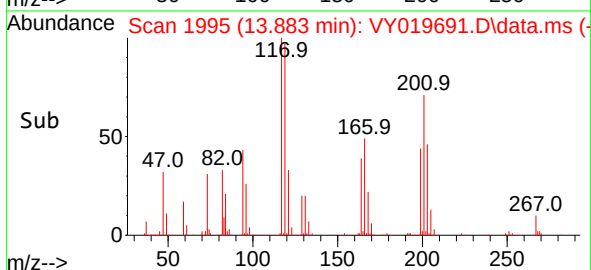
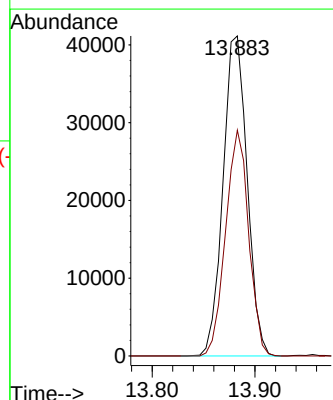
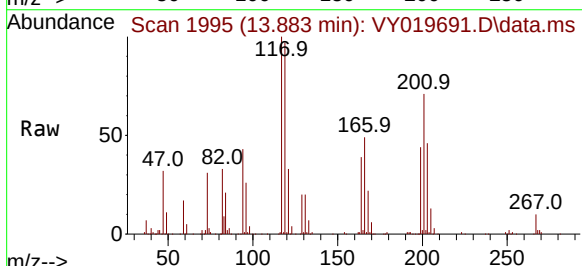
Acq: 25 Sep 2024 13:21

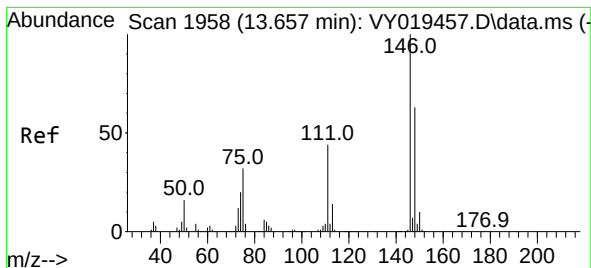
Tgt Ion: 117 Resp: 67108

Ion Ratio Lower Upper

117 100

201 67.4 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.670 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

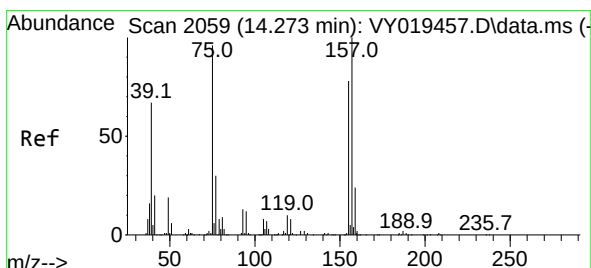
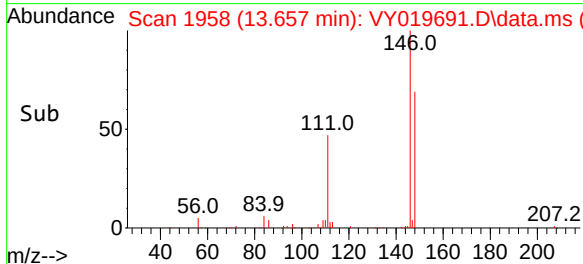
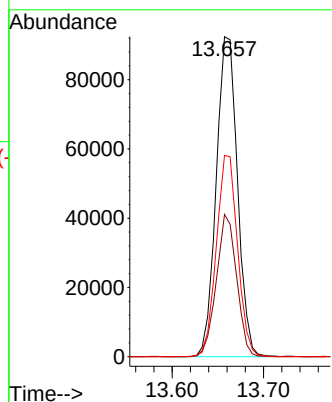
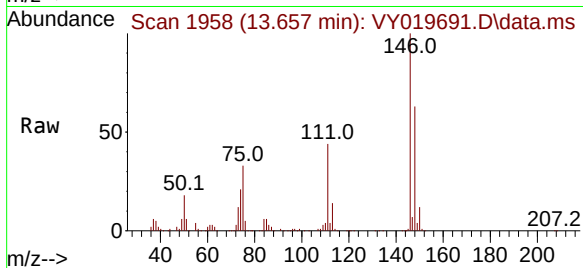
Tgt Ion:146 Resp: 149365

Ion Ratio Lower Upper

146 100

111 42.5 19.9 59.7

148 62.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.174 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

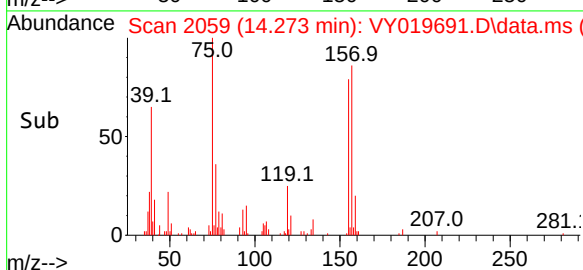
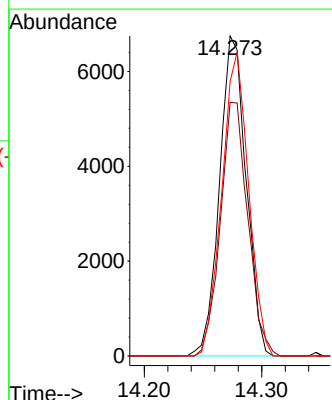
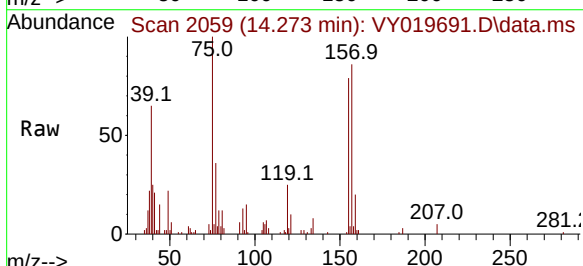
Tgt Ion: 75 Resp: 10658

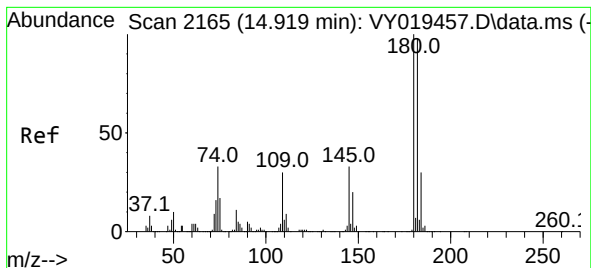
Ion Ratio Lower Upper

75 100

155 81.5 48.6 145.8

157 95.5 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.857 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

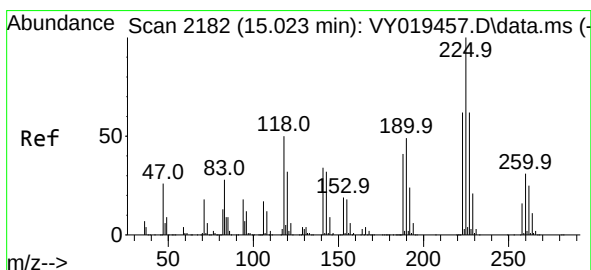
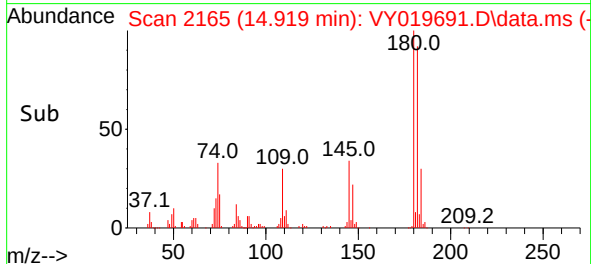
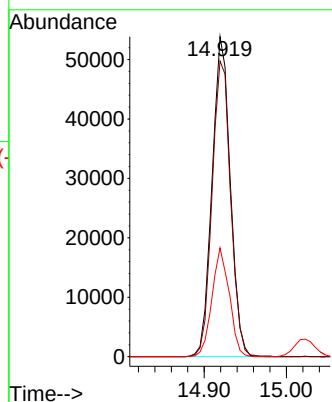
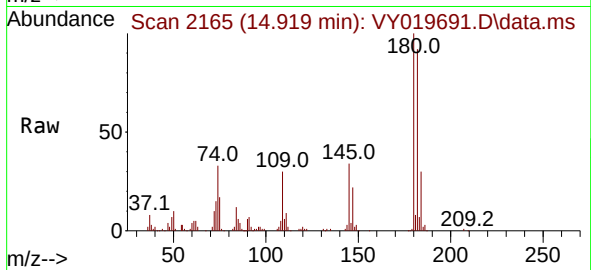
Tgt Ion:180 Resp: 82876

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 32.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.504 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

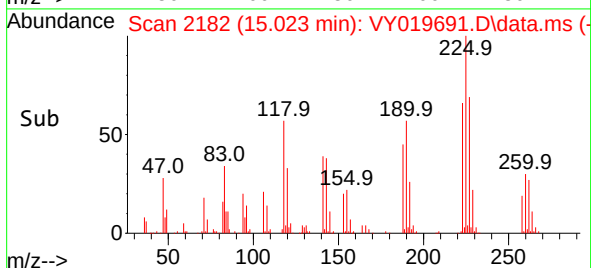
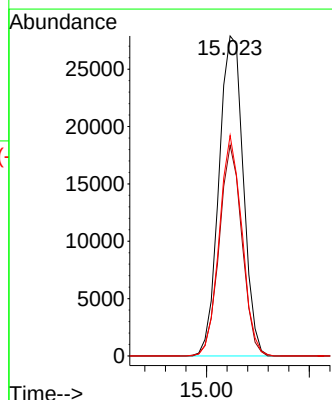
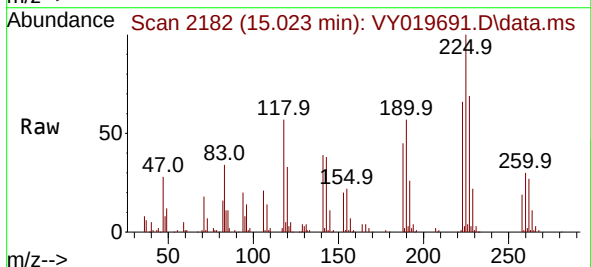
Tgt Ion:225 Resp: 45794

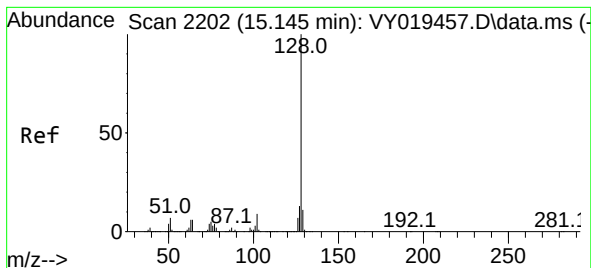
Ion Ratio Lower Upper

225 100

223 61.3 30.4 91.2

227 64.2 31.9 95.9





#95

Naphthalene

Concen: 20.277 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Instrument :

MSVOA_Y

ClientSampleId :

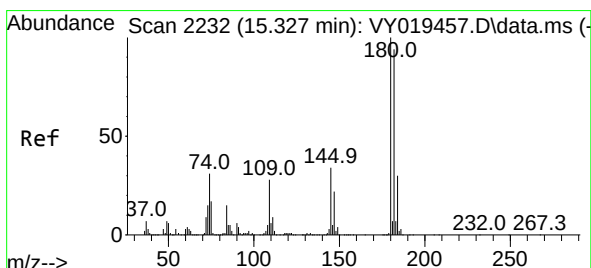
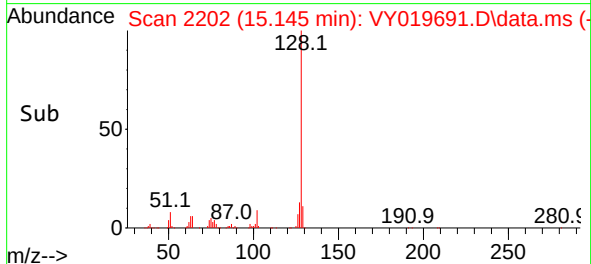
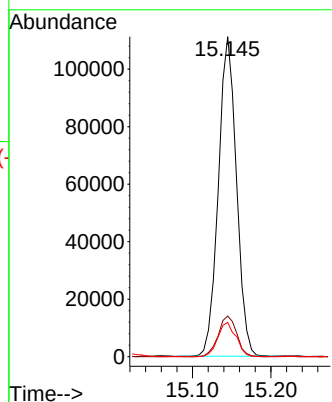
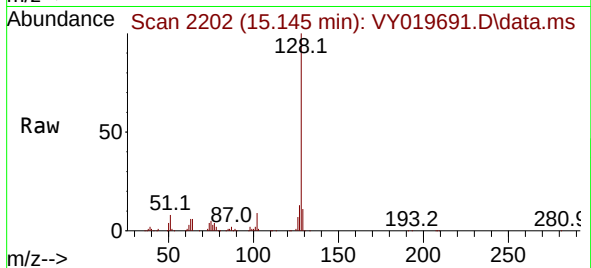
Tgt Ion:128 Resp: 178469

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.809 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019691.D

Acq: 25 Sep 2024 13:21

Tgt Ion:180 Resp: 70709

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 34.0 15.4 46.1

