

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019754.D
 Acq On : 01 Oct 2024 20:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 03:21:03 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	289996	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	500818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	429981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	209265	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169228	63.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.040%	
35) Dibromofluoromethane	7.634	113	168130	59.210	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.420%	
50) Toluene-d8	10.103	98	600751	57.199	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.400%	
62) 4-Bromofluorobenzene	12.401	95	226588	56.108	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 112.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	66924	41.529	ug/l	98
3) Chloromethane	2.068	50	117271	48.877	ug/l	94
4) Vinyl Chloride	2.202	62	136005	52.422	ug/l	98
5) Bromomethane	2.598	94	97458	61.155	ug/l	100
6) Chloroethane	2.739	64	99727	58.800	ug/l	98
7) Trichlorofluoromethane	3.062	101	228177	52.760	ug/l	97
8) Diethyl Ether	3.458	74	80203	55.247	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.818	101	139622	52.188	ug/l	96
10) Methyl Iodide	4.007	142	159273	46.434	ug/l	93
11) Tert butyl alcohol	4.872	59	67878	313.005	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	130558	50.743	ug/l	86
13) Acrolein	3.659	56	9473	81.055	ug/l	93
14) Allyl chloride	4.385	41	244037	52.891	ug/l	# 93
15) Acrylonitrile	5.067	53	183775	293.594	ug/l	97
16) Acetone	3.879	43	166672	260.534	ug/l	# 86
17) Carbon Disulfide	4.110	76	322505	46.393	ug/l	100
18) Methyl Acetate	4.391	43	110344	63.559	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	420002	57.637	ug/l	100
20) Methylene Chloride	4.616	84	169468	58.087	ug/l	# 85
21) trans-1,2-Dichloroethene	5.116	96	148892	52.796	ug/l	87
22) Diisopropyl ether	6.025	45	546084	57.635	ug/l	95
23) Vinyl Acetate	5.964	43	1520840	281.015	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	303355	57.056	ug/l	96
25) 2-Butanone	6.896	43	256964	282.421	ug/l	# 88
26) 2,2-Dichloropropane	6.890	77	252902	52.733	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	191486	55.897	ug/l	87
28) Bromochloromethane	7.244	49	132365	59.170	ug/l	81
29) Tetrahydrofuran	7.262	42	158810	287.070	ug/l	86
30) Chloroform	7.421	83	318365	58.657	ug/l	100
31) Cyclohexane	7.701	56	227796	47.400	ug/l	94
32) 1,1,1-Trichloroethane	7.622	97	274429	56.410	ug/l	96
36) 1,1-Dichloropropene	7.835	75	206425	53.425	ug/l	97
37) Ethyl Acetate	6.988	43	111425	56.283	ug/l	97
38) Carbon Tetrachloride	7.817	117	233858	53.672	ug/l	100
39) Methylcyclohexane	9.109	83	253035	49.210	ug/l	# 88
40) Benzene	8.079	78	649820	54.603	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	65737	56.963	ug/l #	86
42) 1,2-Dichloroethane	8.158	62	190947	59.628	ug/l	95
43) Isopropyl Acetate	8.195	43	235771	56.686	ug/l #	80
44) Trichloroethene	8.866	130	162727	53.168	ug/l	94
45) 1,2-Dichloropropane	9.140	63	165118	56.753	ug/l	99
46) Dibromomethane	9.231	93	91640	57.598	ug/l	95
47) Bromodichloromethane	9.420	83	247748	57.928	ug/l	99
48) Methyl methacrylate	9.219	41	109500	55.750	ug/l	84
49) 1,4-Dioxane	9.225	88	21832	1165.627	ug/l #	85
51) 4-Methyl-2-Pentanone	9.993	43	605794	289.511	ug/l	91
52) Toluene	10.170	92	421056	55.012	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	223549	54.833	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	260514	54.877	ug/l #	86
55) 1,1,2-Trichloroethane	10.573	97	125510	57.124	ug/l	98
56) Ethyl methacrylate	10.438	69	187092	56.056	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	216456	57.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	436013	281.466	ug/l	96
59) 2-Hexanone	10.755	43	416074	271.224	ug/l	88
60) Dibromochloromethane	10.908	129	164638	56.646	ug/l	100
61) 1,2-Dibromoethane	11.012	107	113896	55.636	ug/l	100
64) Tetrachloroethene	10.646	164	146409	54.986	ug/l	95
65) Chlorobenzene	11.438	112	465584	55.047	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	165456	56.500	ug/l	98
67) Ethyl Benzene	11.518	91	826955	55.026	ug/l	99
68) m/p-Xylenes	11.621	106	617875	108.731	ug/l	93
69) o-Xylene	11.950	106	299627	53.915	ug/l	94
70) Styrene	11.963	104	515938	54.987	ug/l	96
71) Bromoform	12.127	173	93893	56.135	ug/l #	97
73) Isopropylbenzene	12.249	105	799093	52.636	ug/l	99
74) N-amyl acetate	12.066	43	218112	52.826	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.499	83	149387	55.438	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	191732	97.752	ug/l #	100
77) Bromobenzene	12.530	156	173587	51.555	ug/l	87
78) n-propylbenzene	12.590	91	947992	52.683	ug/l	99
79) 2-Chlorotoluene	12.676	91	553561	52.788	ug/l	95
80) 1,3,5-Trimethylbenzene	12.731	105	648122	52.514	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.298	75	49780	48.721	ug/l	90
82) 4-Chlorotoluene	12.773	91	572843	53.135	ug/l	96
83) tert-Butylbenzene	12.993	119	590100	52.814	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	644947	52.792	ug/l	97
85) sec-Butylbenzene	13.170	105	854134	52.622	ug/l	100
86) p-Isopropyltoluene	13.285	119	695827	52.397	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	344772	52.696	ug/l	97
88) 1,4-Dichlorobenzene	13.359	146	343012	52.827	ug/l	97
89) n-Butylbenzene	13.615	91	661860	52.133	ug/l	99
90) Hexachloroethane	13.877	117	142142	51.441	ug/l	93
91) 1,2-Dichlorobenzene	13.651	146	309849	53.071	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	24210	53.908	ug/l	78
93) 1,2,4-Trichlorobenzene	14.913	180	174155	49.045	ug/l	98
94) Hexachlorobutadiene	15.017	225	95170	50.169	ug/l	98
95) Naphthalene	15.139	128	360916	50.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	149684	49.281	ug/l	98

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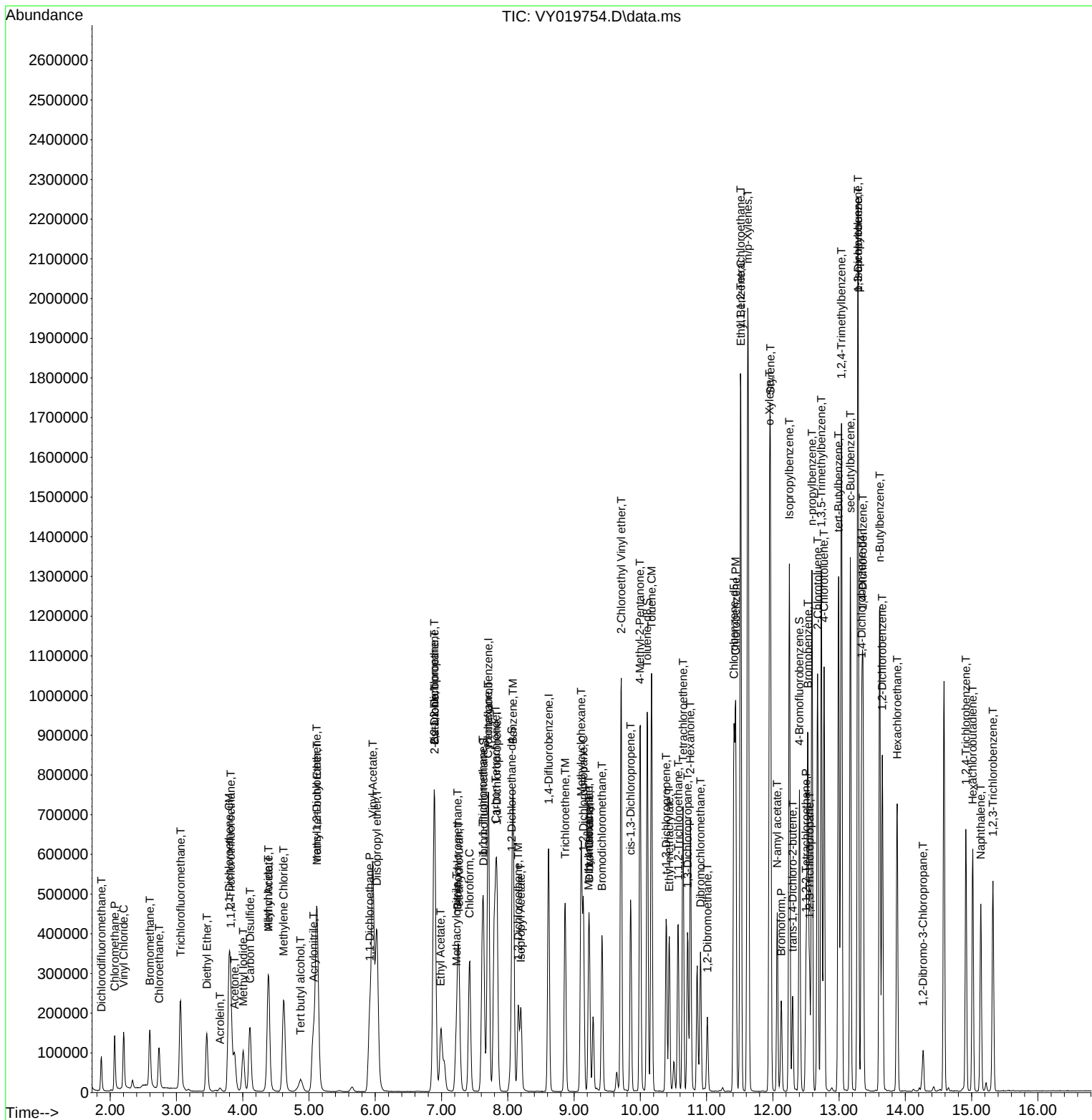
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MSVOA_Y
ClientSampleId :

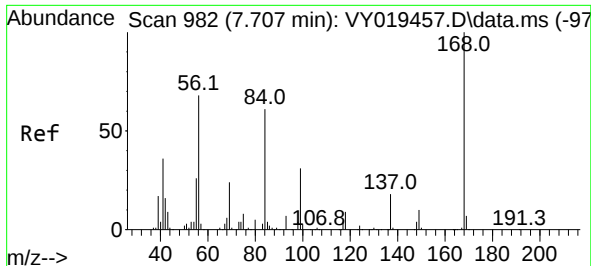
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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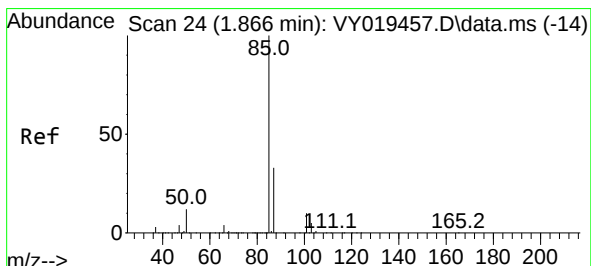
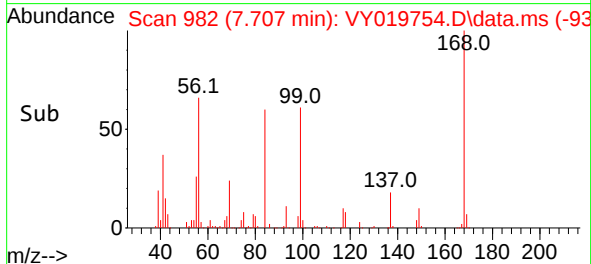
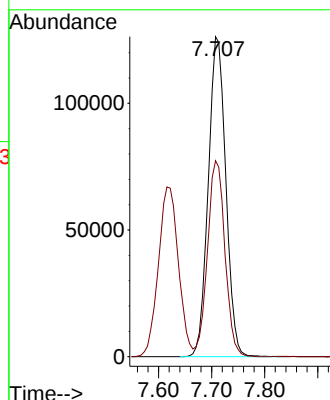
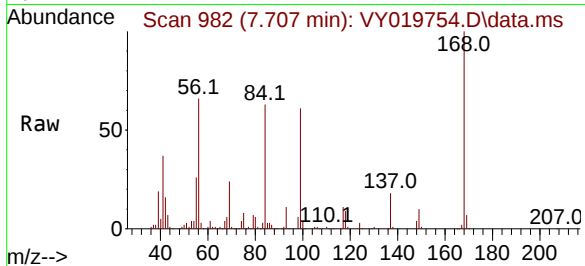




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019754.D
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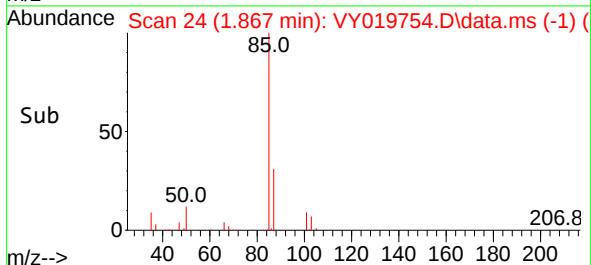
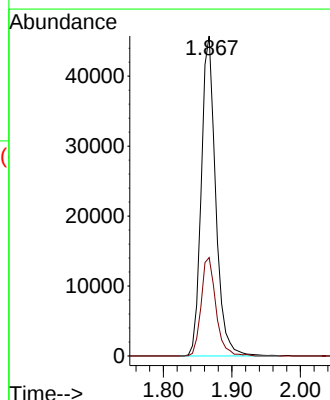
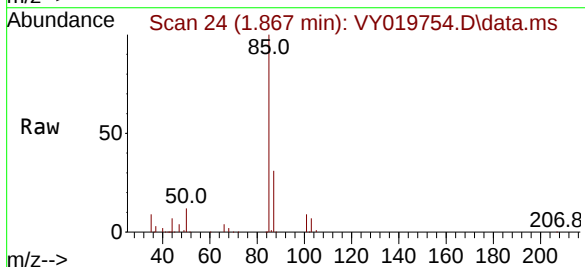
Instrument :
MSVOA_Y
ClientSampleId :

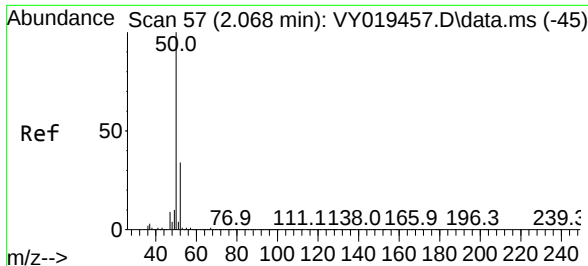
Tgt Ion:168 Resp: 289996
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 41.529 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 85 Resp: 66924
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0

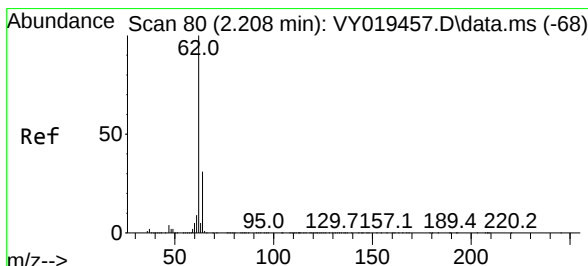
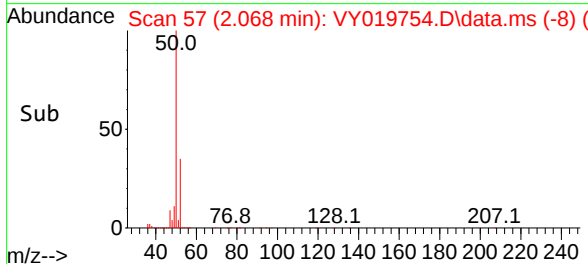
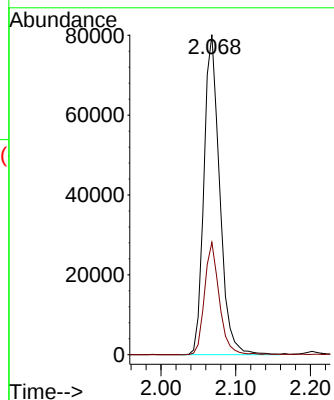
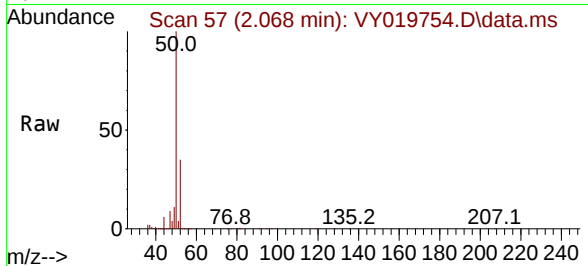




#3
Chloromethane
Concen: 48.877 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

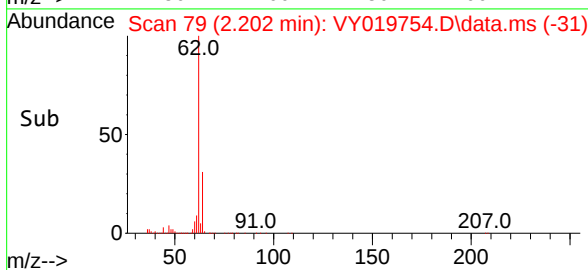
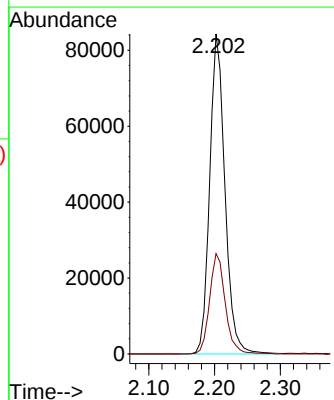
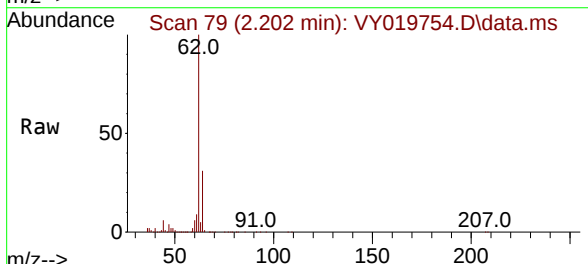
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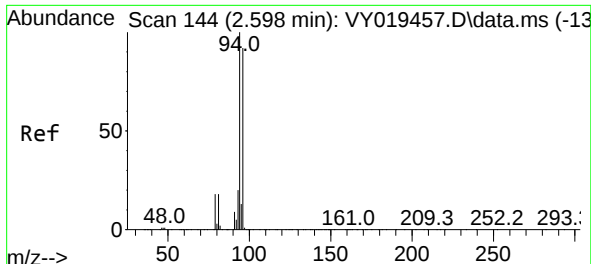
Tgt Ion: 50 Resp: 117271
Ion Ratio Lower Upper
50 100
52 35.1 25.6 38.4



#4
Vinyl Chloride
Concen: 52.422 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 62 Resp: 136005
Ion Ratio Lower Upper
62 100
64 31.4 26.1 39.1

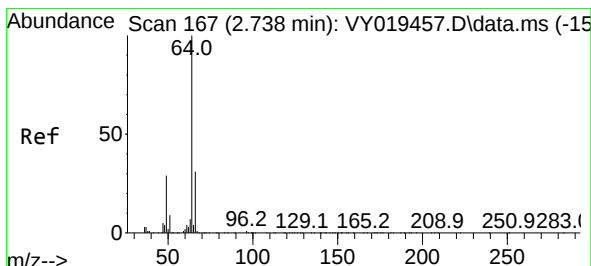
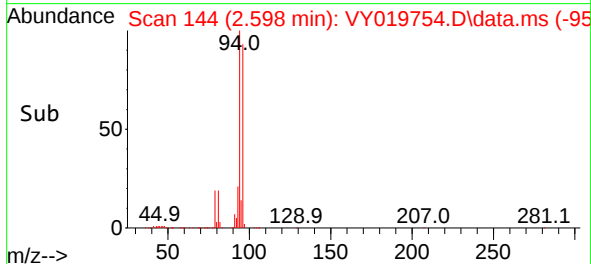
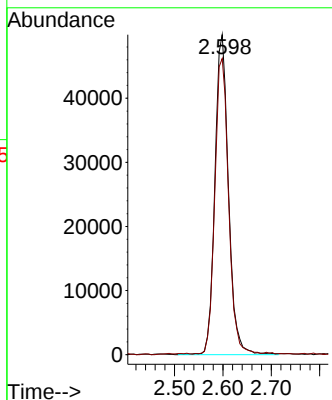
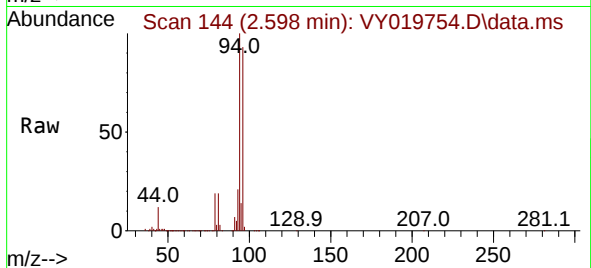




#5
Bromomethane
Concen: 61.155 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

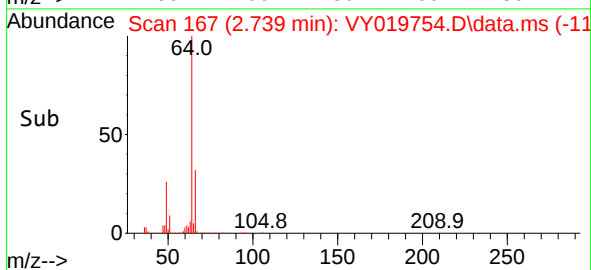
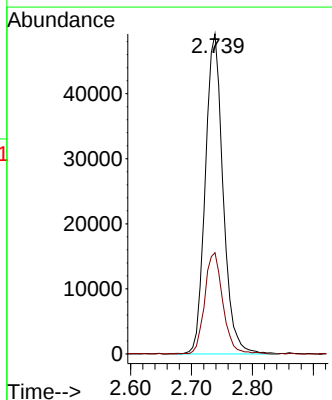
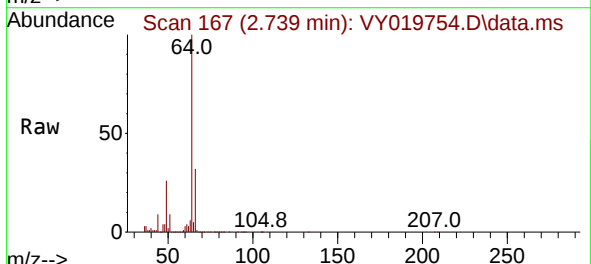
Instrument :
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Tgt Ion: 94 Resp: 97458
Ion Ratio Lower Upper
94 100
96 92.3 74.1 111.1



#6
Chloroethane
Concen: 58.800 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 64 Resp: 99727
Ion Ratio Lower Upper
64 100
66 31.6 26.1 39.1

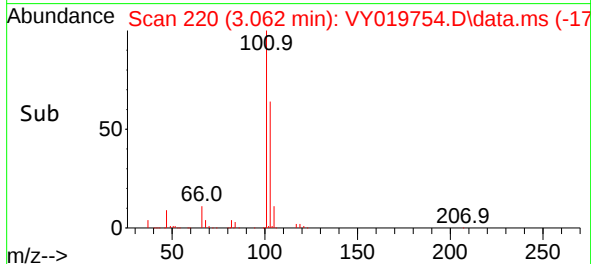
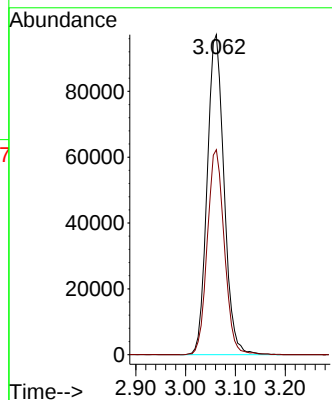
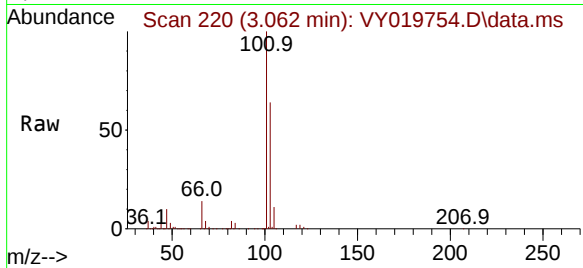




#7
 Trichlorofluoromethane
 Concen: 52.760 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

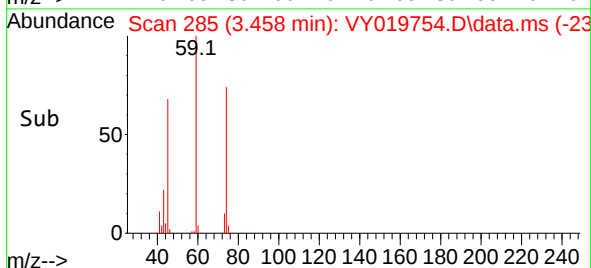
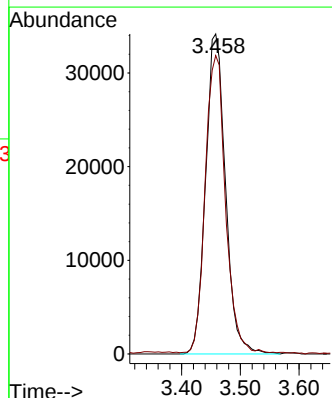
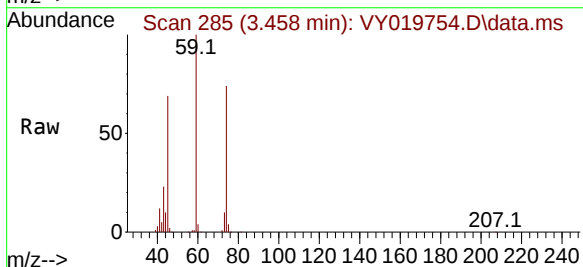
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:101 Resp: 228177
 Ion Ratio Lower Upper
 101 100
 103 64.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 55.247 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

Tgt Ion: 74 Resp: 80203
 Ion Ratio Lower Upper
 74 100
 45 95.1 41.3 124.1

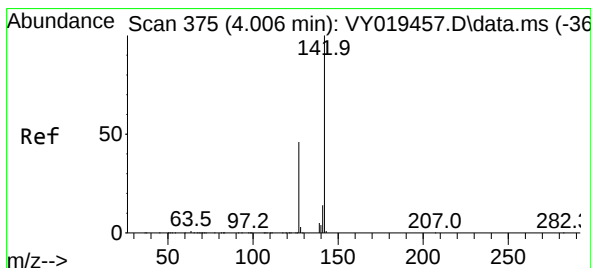
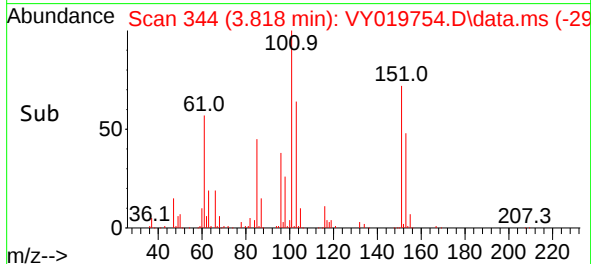
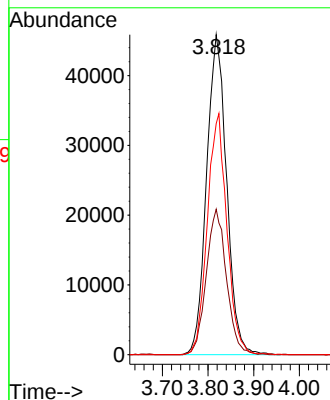
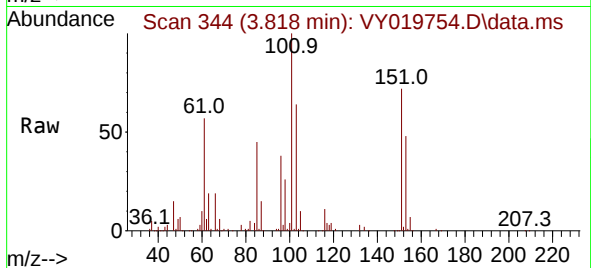




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.188 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019754.D
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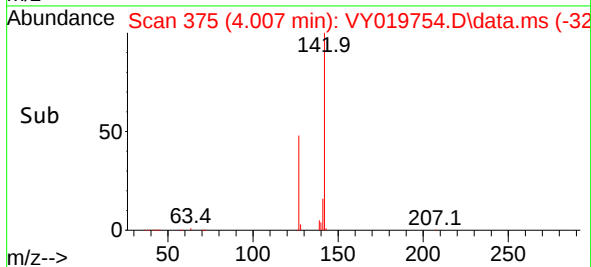
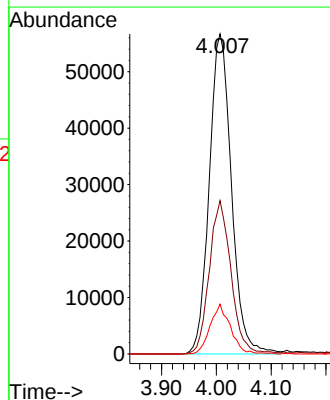
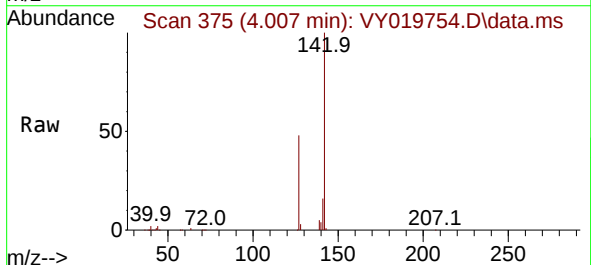
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ClientSampleId :

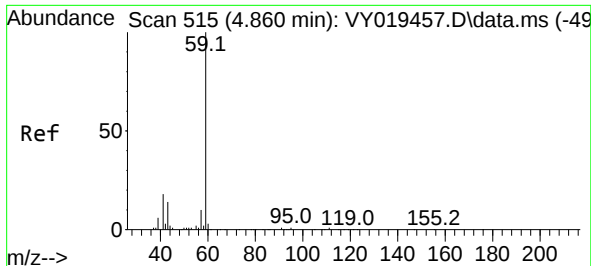
Tgt Ion:101 Resp: 139622
Ion Ratio Lower Upper
101 100
85 45.9 34.5 51.7
151 73.6 61.7 92.5



#10
Methyl Iodide
Concen: 46.434 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

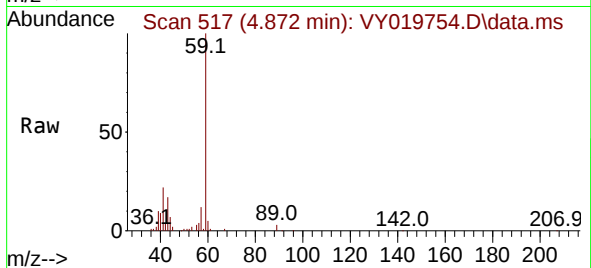
Tgt Ion:142 Resp: 159273
Ion Ratio Lower Upper
142 100
127 46.9 32.8 49.2
141 14.3 11.4 17.2



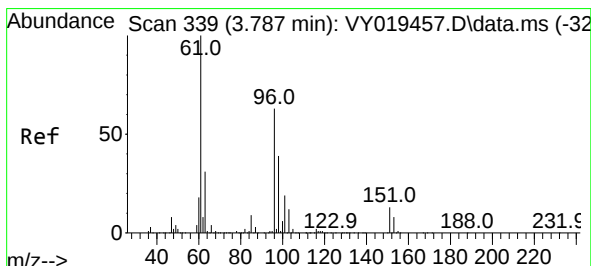
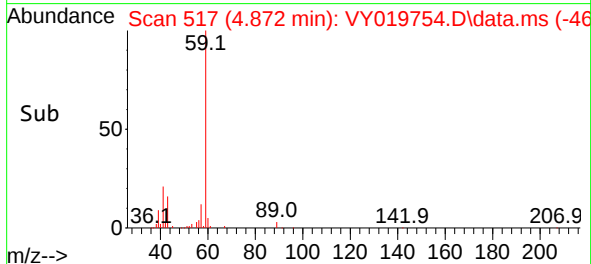
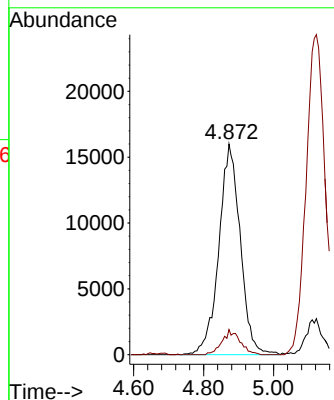


#11
Tert butyl alcohol
Concen: 313.005 ug/l
RT: 4.872 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

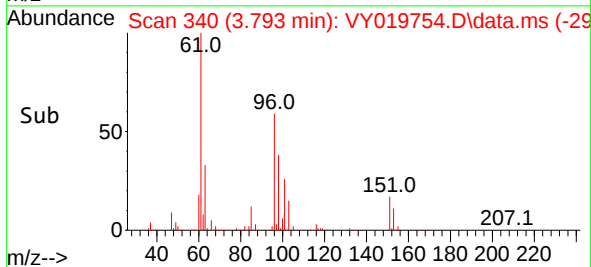
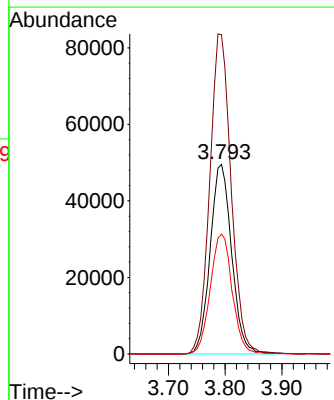
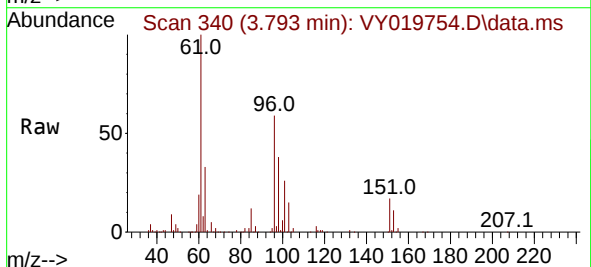


Tgt Ion: 59 Resp: 67878
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 50.743 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 96 Resp: 130558
Ion Ratio Lower Upper
96 100
61 168.4 114.6 171.8
98 63.2 50.8 76.2

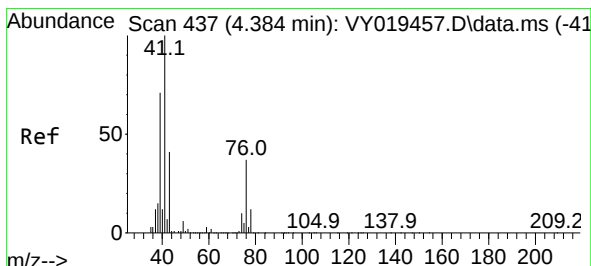
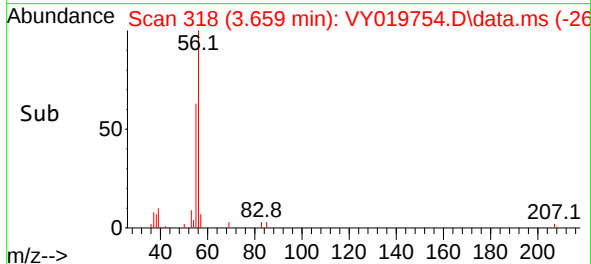
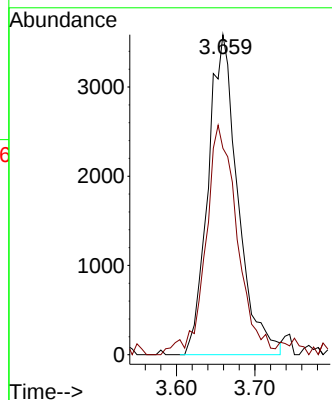
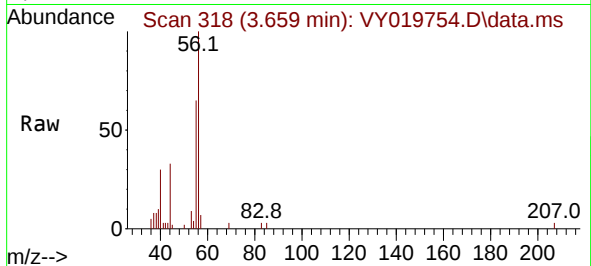




#13
Acrolein
Concen: 81.055 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

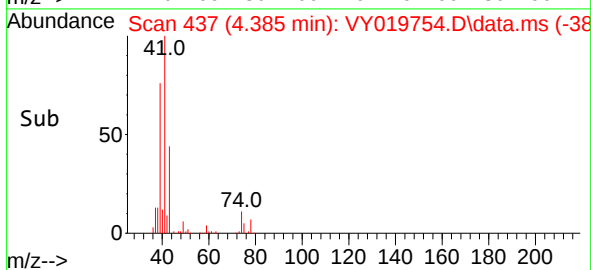
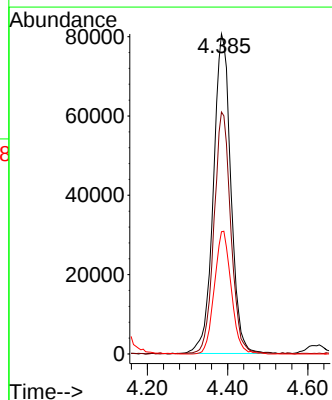
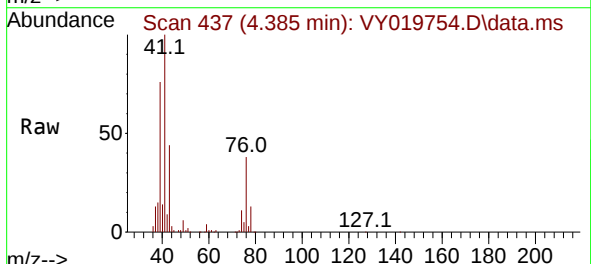
Instrument :
MSVOA_Y
ClientSampleId :

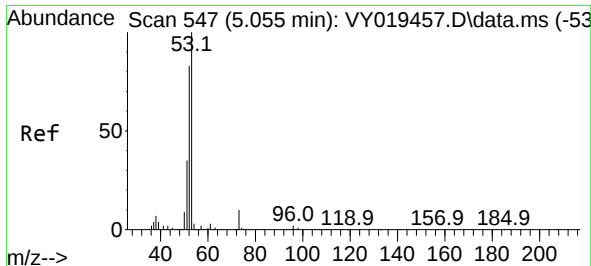
Tgt Ion: 56 Resp: 9473
Ion Ratio Lower Upper
56 100
55 75.7 55.7 83.5



#14
Allyl chloride
Concen: 52.891 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 41 Resp: 244037
Ion Ratio Lower Upper
41 100
39 73.3 58.3 87.5
76 37.0 39.0 58.6#

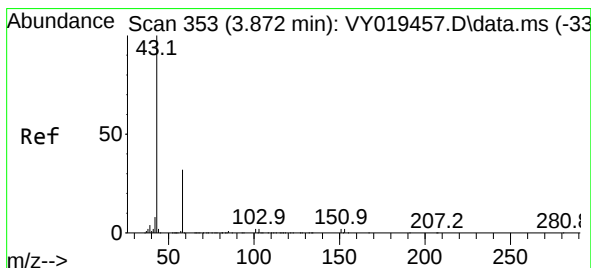
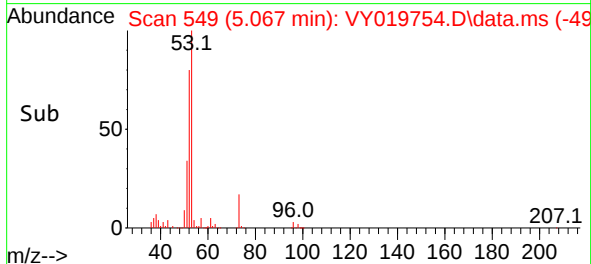
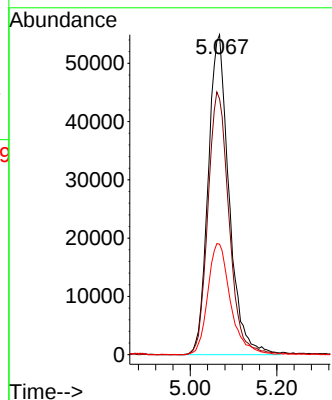
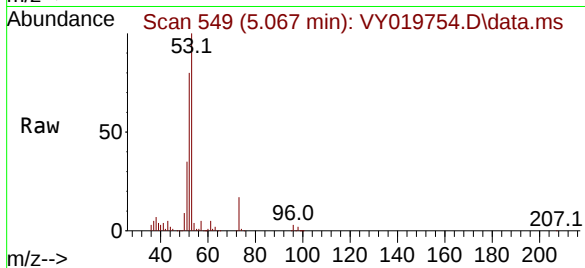




#15
Acrylonitrile
Concen: 293.594 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

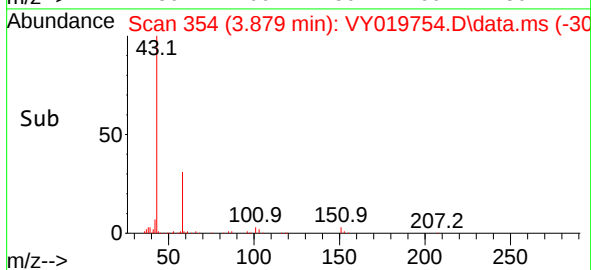
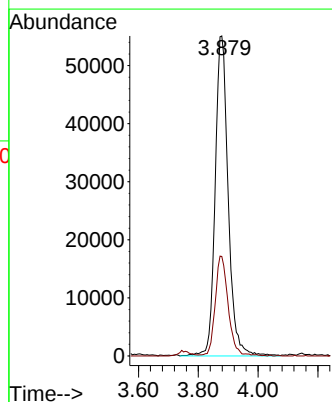
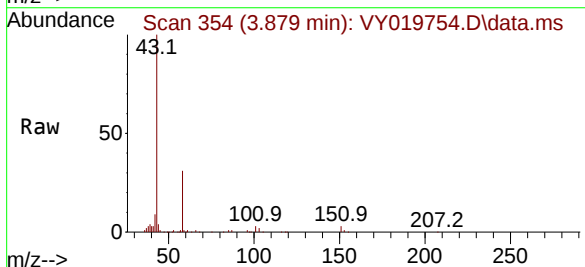
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 183775
Ion Ratio Lower Upper
53 100
52 83.1 64.7 97.1
51 37.8 28.4 42.6



#16
Acetone
Concen: 260.534 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 43 Resp: 166672
Ion Ratio Lower Upper
43 100
58 31.0 31.7 47.5#

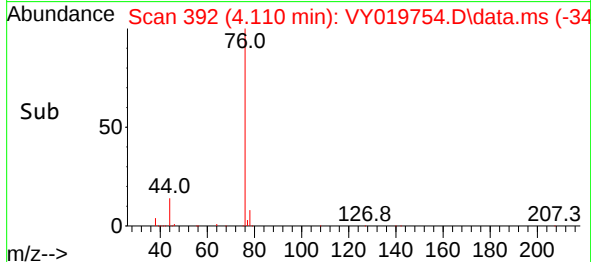
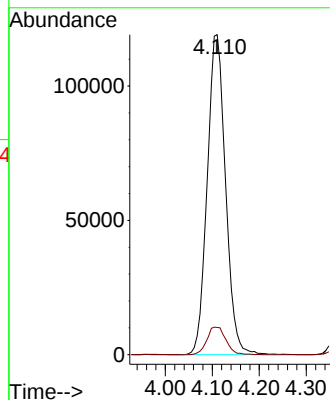
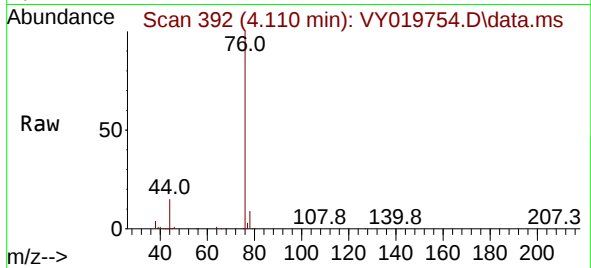




#17
Carbon Disulfide
Concen: 46.393 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

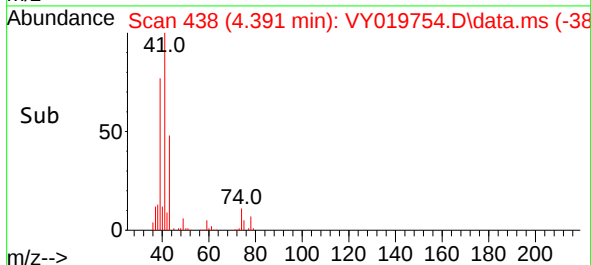
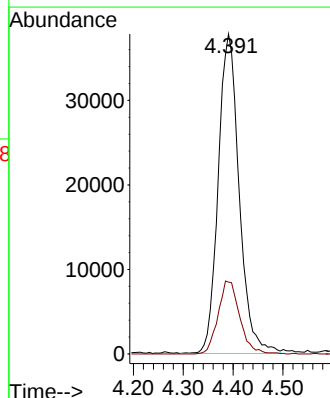
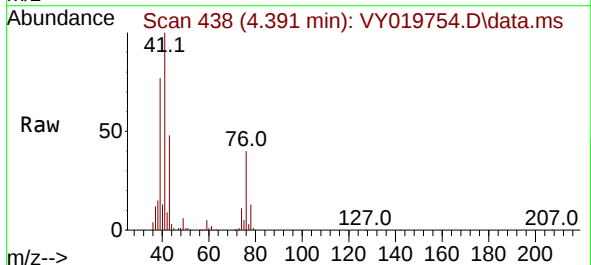
Instrument :
MSVOA_Y
ClientSampleId :

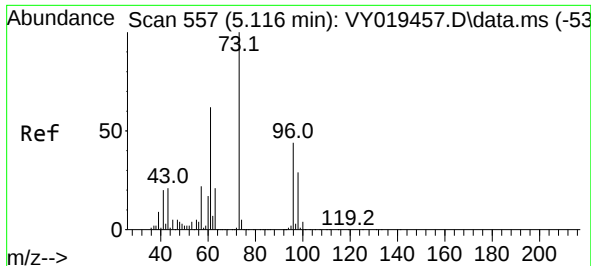
Tgt Ion: 76 Resp: 322505
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 63.559 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 43 Resp: 110344
Ion Ratio Lower Upper
43 100
74 23.6 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 57.637 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

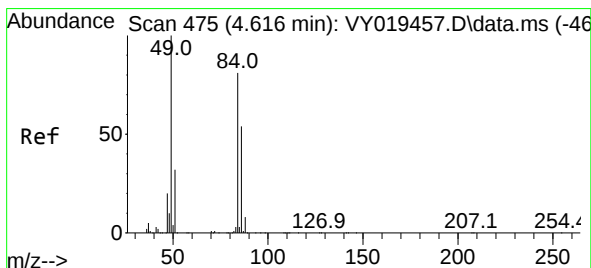
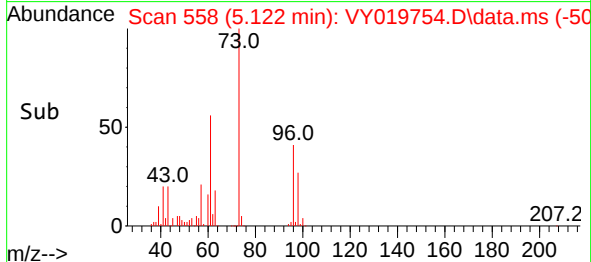
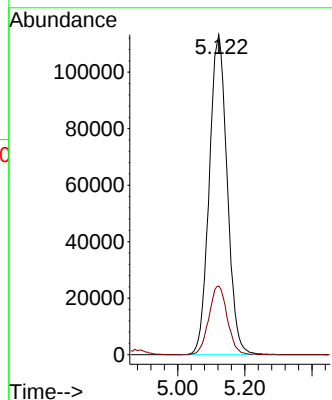
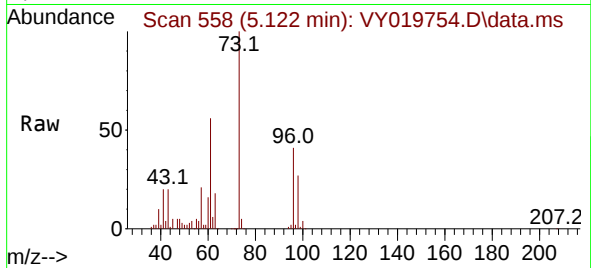
ClientSampleId :

Tgt Ion: 73 Resp: 420002

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 58.087 ug/l

RT: 4.616 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Tgt Ion: 84 Resp: 169468

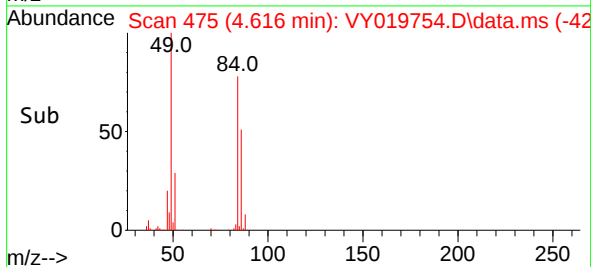
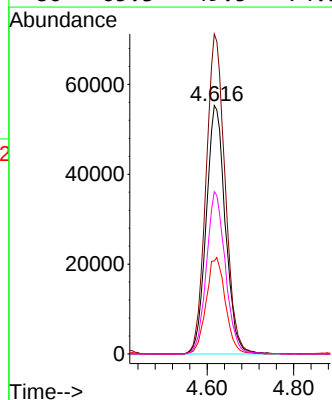
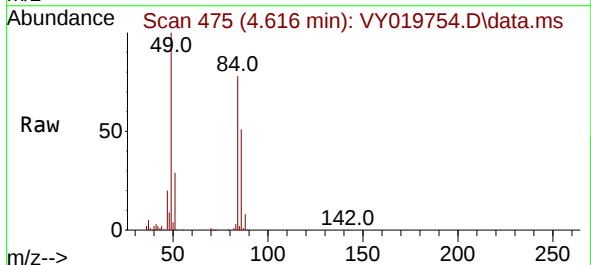
Ion Ratio Lower Upper

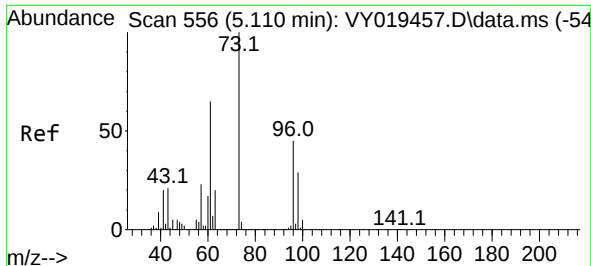
84 100

49 128.7 84.4 126.6#

51 37.4 26.0 39.0

86 65.3 49.5 74.3

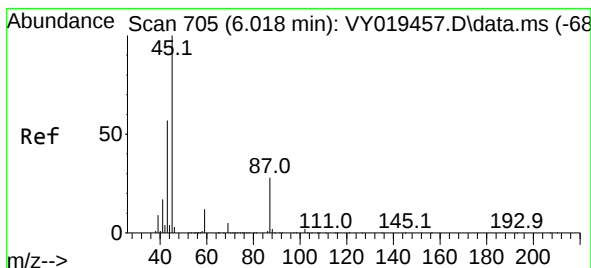
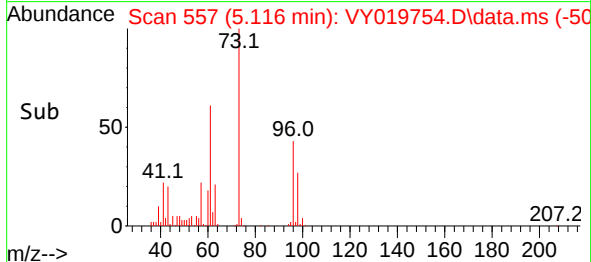
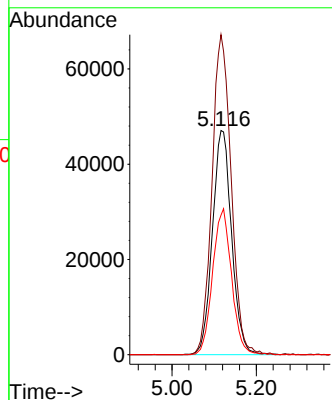
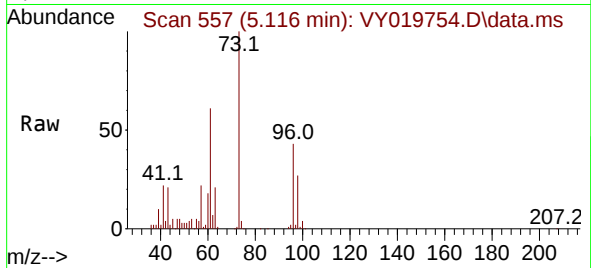




#21
trans-1,2-Dichloroethene
Concen: 52.796 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

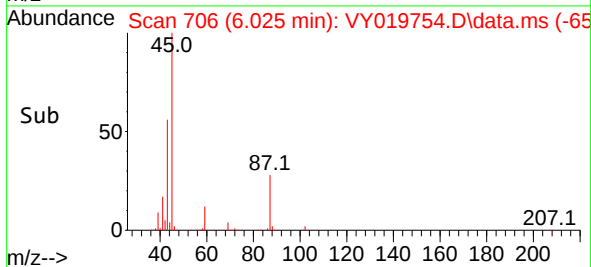
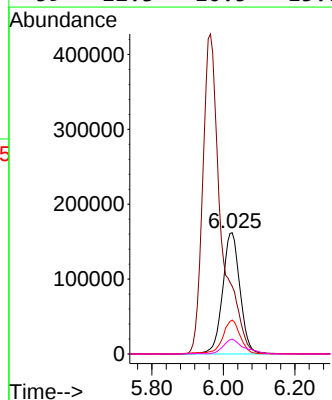
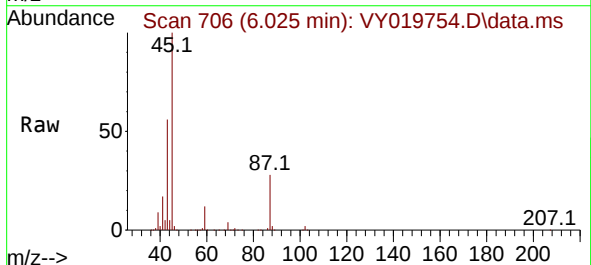
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 96 Resp: 148892
Ion Ratio Lower Upper
96 100
61 142.8 97.5 146.3
98 62.3 50.5 75.7



#22
Diisopropyl ether
Concen: 57.635 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 45 Resp: 546084
Ion Ratio Lower Upper
45 100
43 55.7 42.2 63.2
87 28.0 25.0 37.6
59 12.3 10.5 15.7

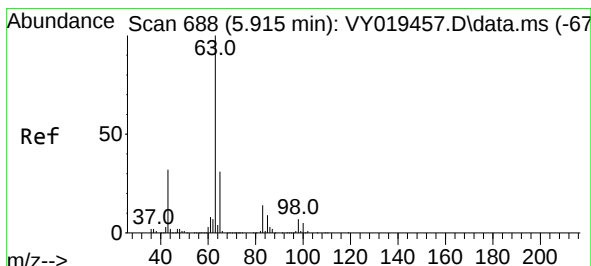
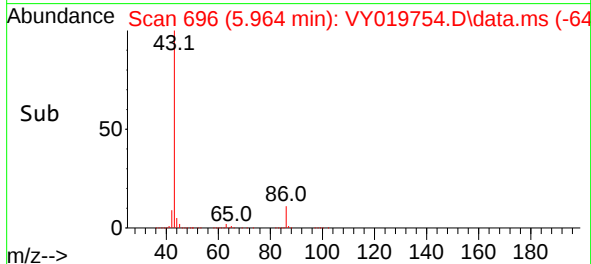
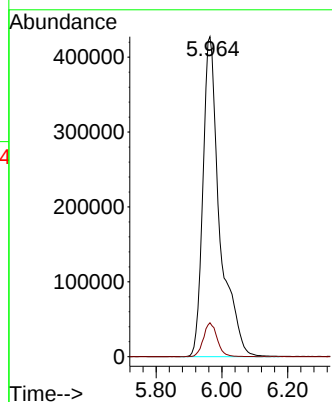
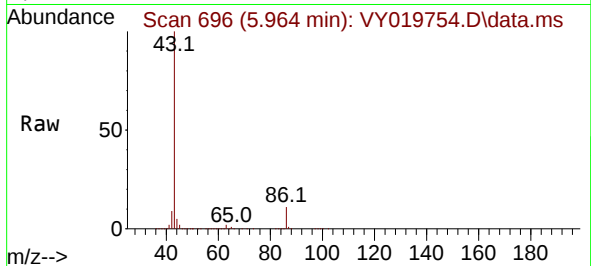




#23
 Vinyl Acetate
 Concen: 281.015 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

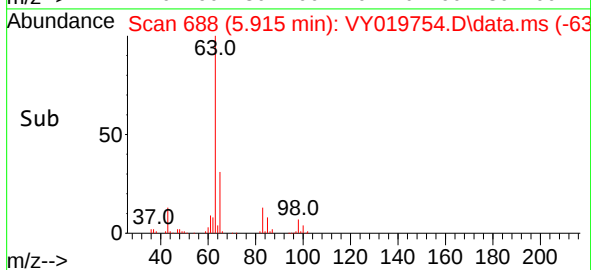
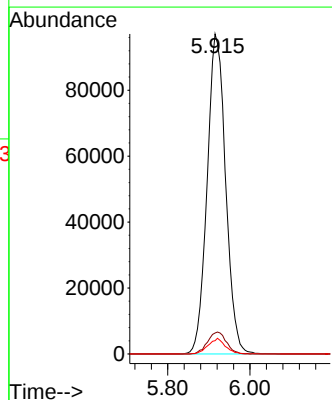
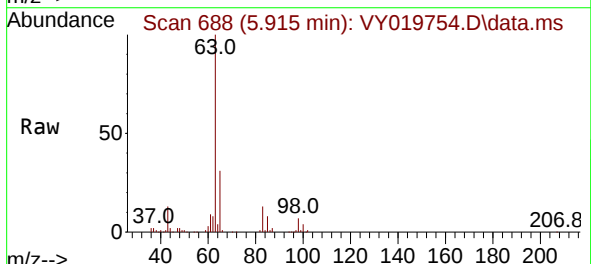
Instrument :
 MSVOA_Y
 ClientSampleId :

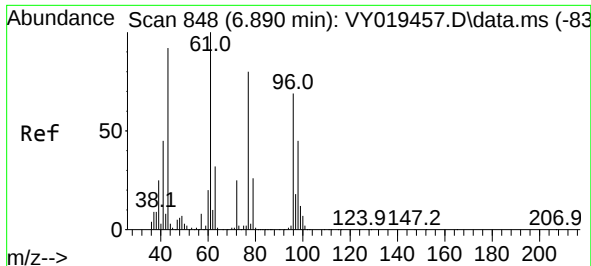
Tgt Ion: 43 Resp: 1520840
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 57.056 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

Tgt Ion: 63 Resp: 303355
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.2 2.6 8.0

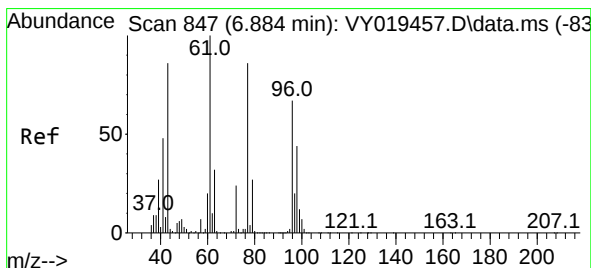
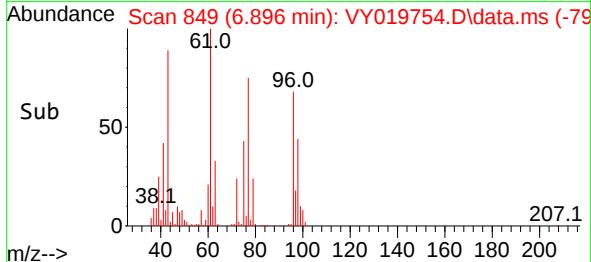
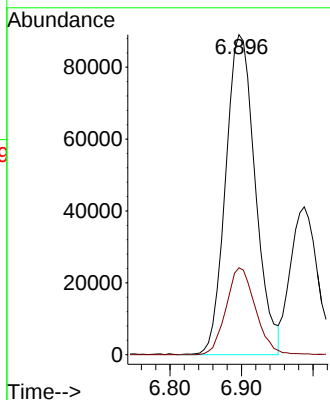
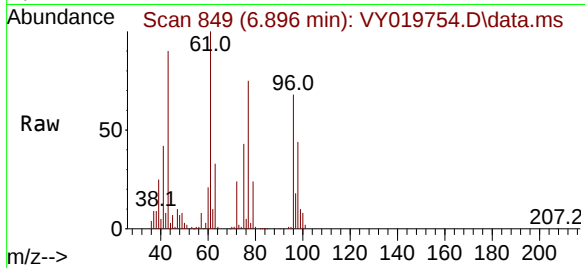




#25
2-Butanone
Concen: 282.421 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

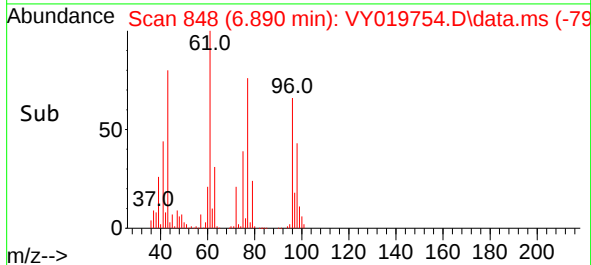
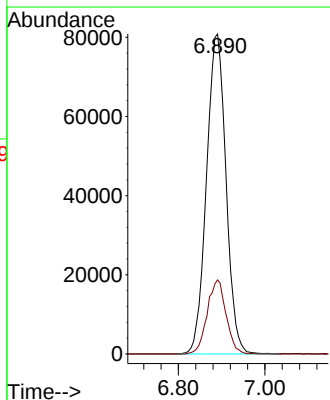
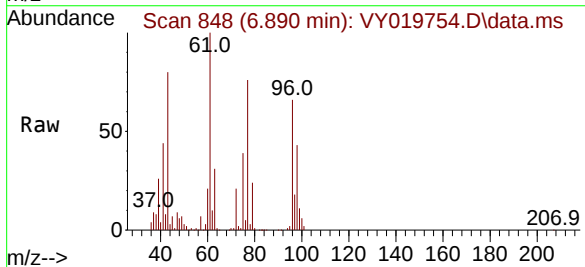
Instrument :
MSVOA_Y
ClientSampleId :

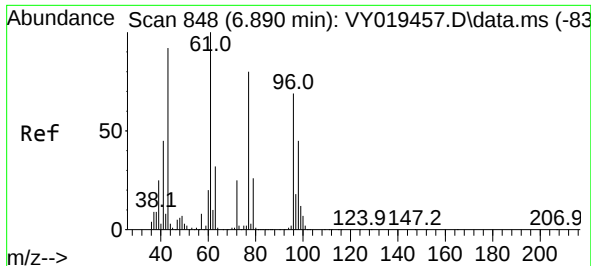
Tgt Ion: 43 Resp: 256964
Ion Ratio Lower Upper
43 100
72 27.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 52.733 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

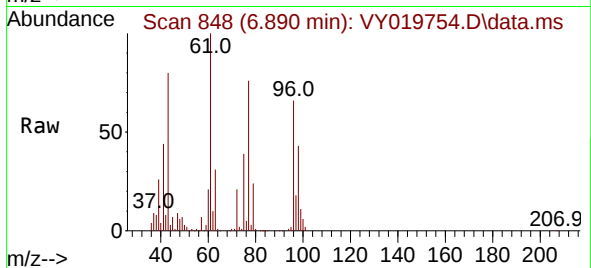
Tgt Ion: 77 Resp: 252902
Ion Ratio Lower Upper
77 100
97 22.3 12.0 36.1



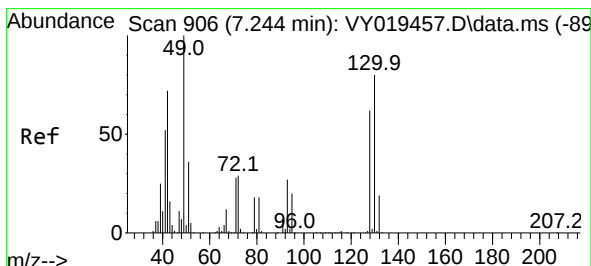
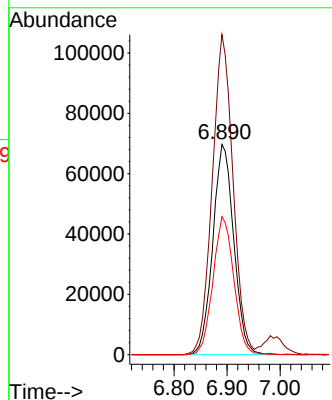
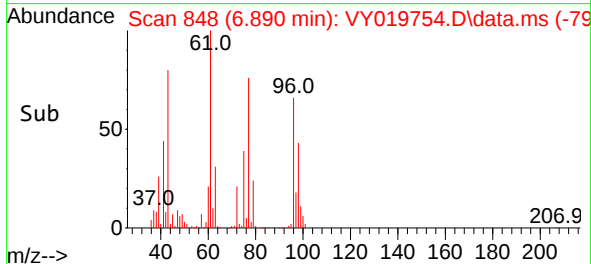


#27
 cis-1,2-Dichloroethene
 Concen: 55.897 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

Instrument :
 MSVOA_Y
 ClientSampleId :

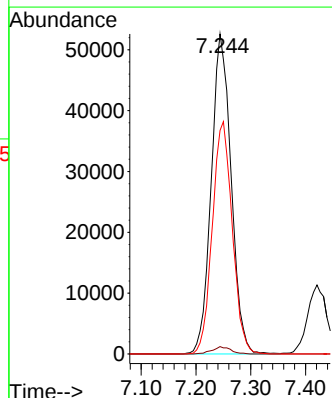
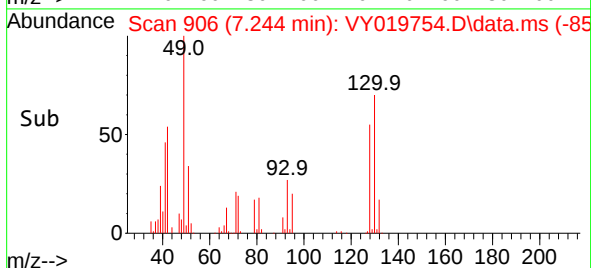
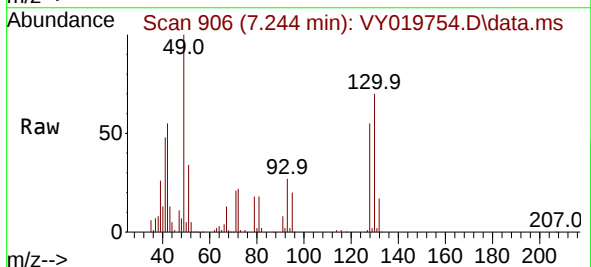


Tgt Ion: 96 Resp: 191486
 Ion Ratio Lower Upper
 96 100
 61 150.4 0.0 256.2
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 59.170 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

Tgt Ion: 49 Resp: 132365
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 72.8 72.7 109.1

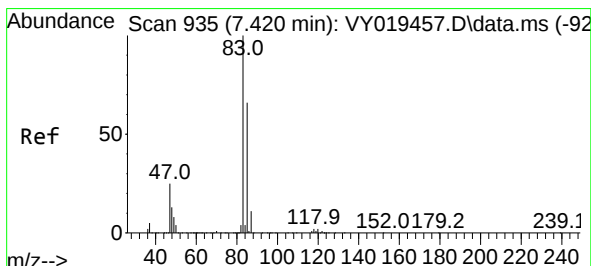
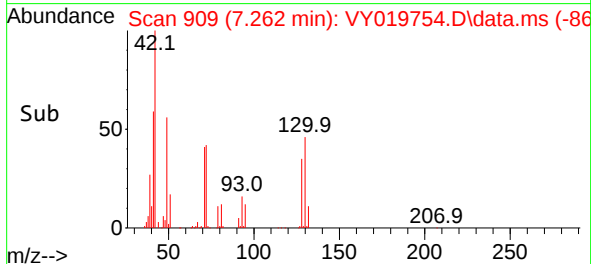
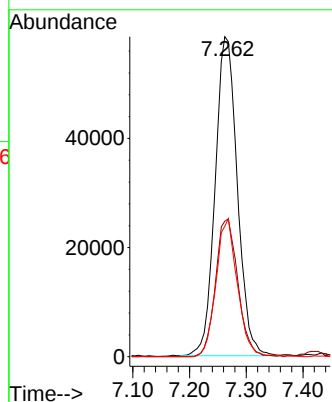
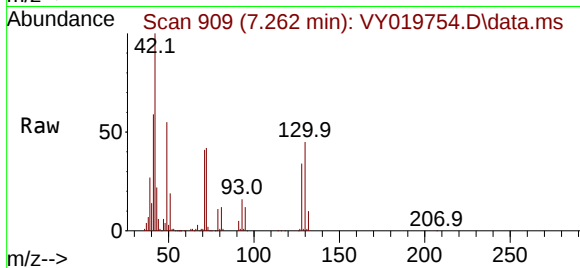




#29
Tetrahydrofuran
Concen: 287.070 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

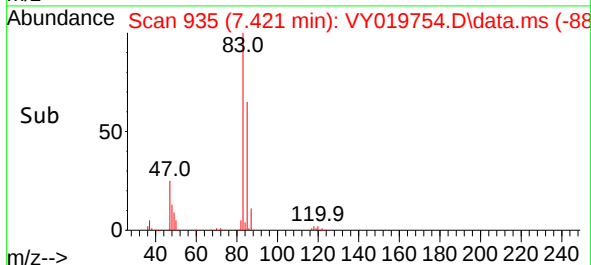
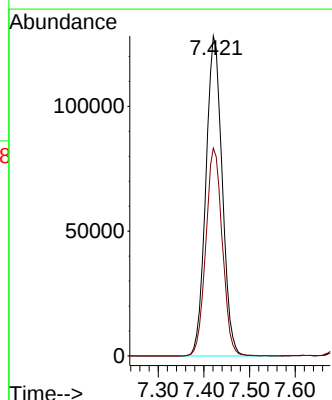
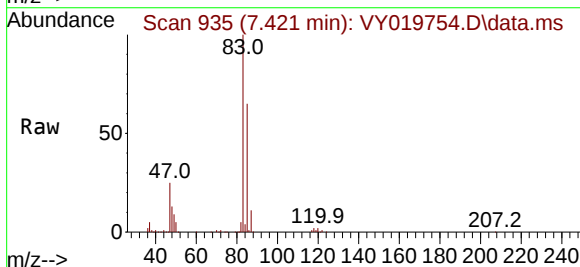
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 158810
Ion Ratio Lower Upper
42 100
72 43.6 43.0 64.4
71 41.4 40.8 61.2



#30
Chloroform
Concen: 58.657 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

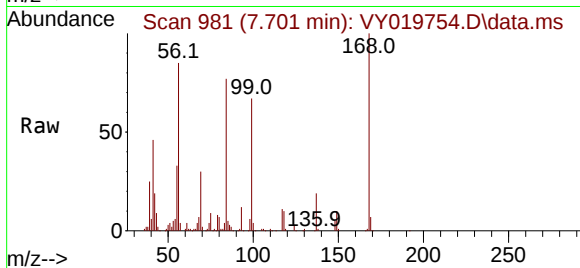
Tgt Ion: 83 Resp: 318365
Ion Ratio Lower Upper
83 100
85 64.9 52.2 78.4



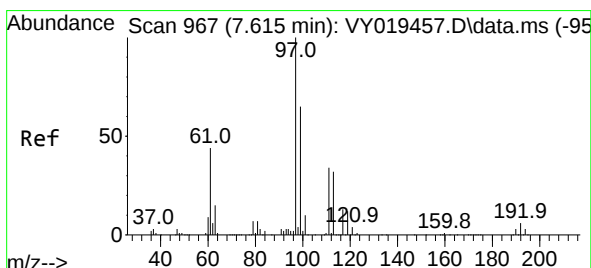
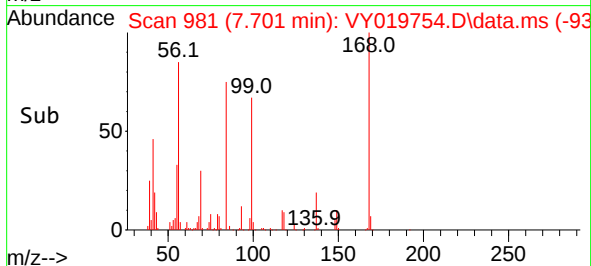
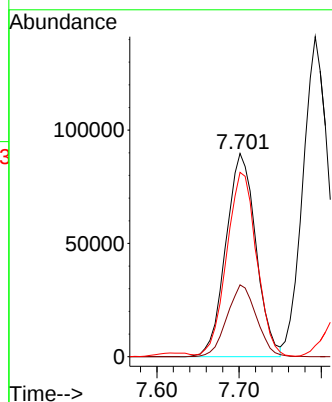


#31
Cyclohexane
Concen: 47.400 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

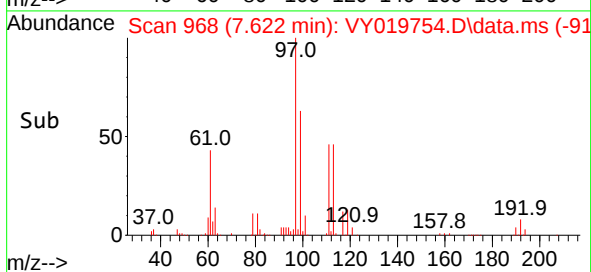
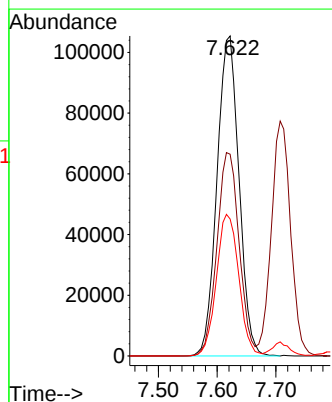
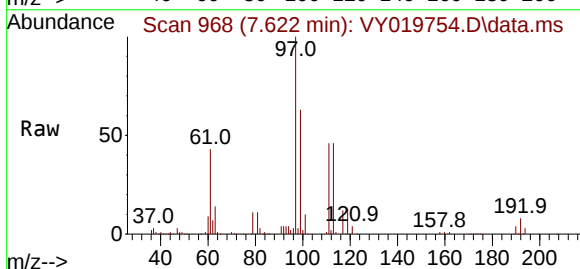


Tgt Ion: 56 Resp: 227796
Ion Ratio Lower Upper
56 100
69 35.4 28.7 43.1
84 89.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.410 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 97 Resp: 274429
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 45.1 32.6 48.8

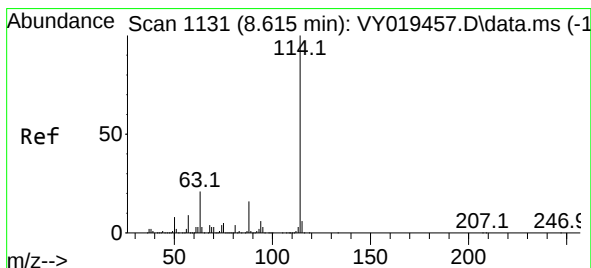
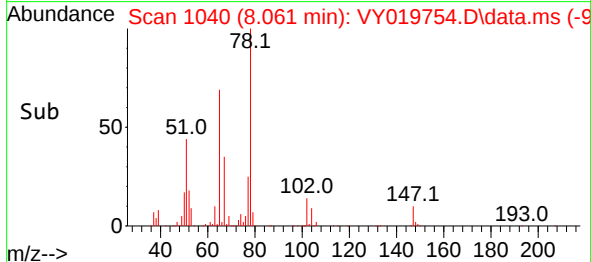
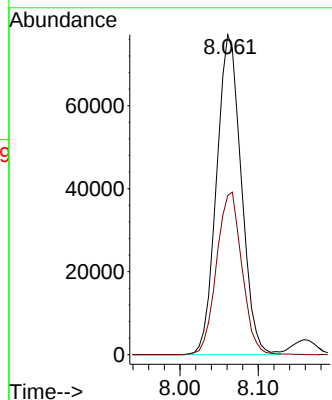
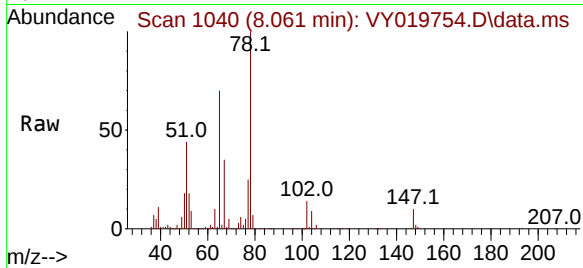




#33
 1,2-Dichloroethane-d4
 Concen: 63.020 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

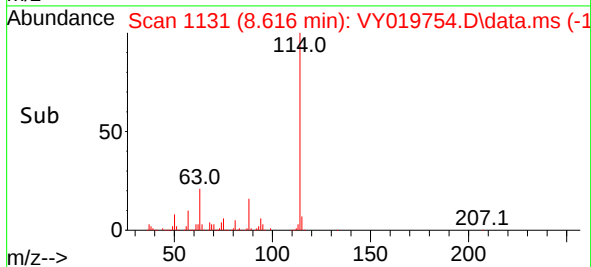
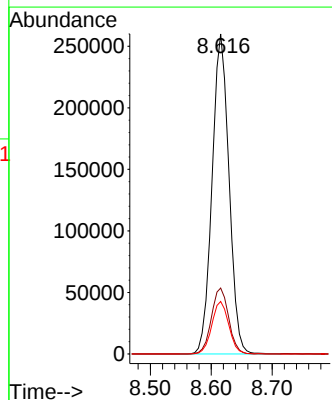
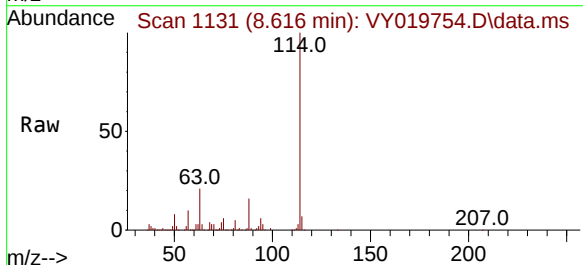
Instrument :
 MSVOA_Y
 ClientSampleId :

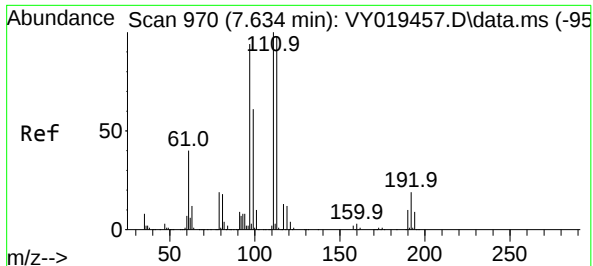
Tgt Ion: 65 Resp: 169228
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019754.D
 Acq: 01 Oct 2024 20:17

Tgt Ion: 114 Resp: 500818
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 35.0
 88 16.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 59.210 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

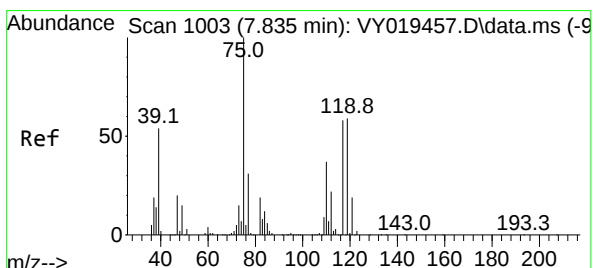
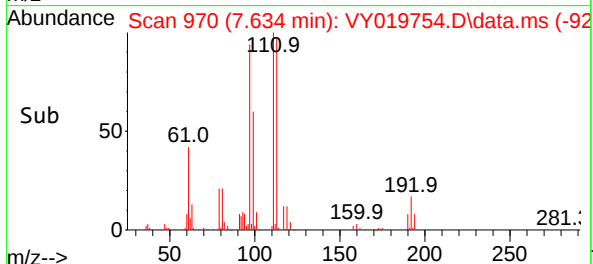
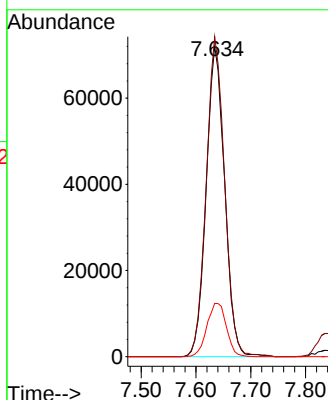
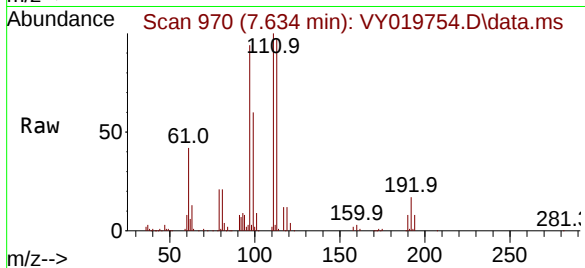
Tgt Ion:113 Resp: 168130

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 53.425 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

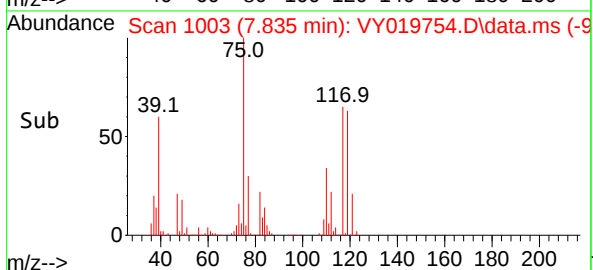
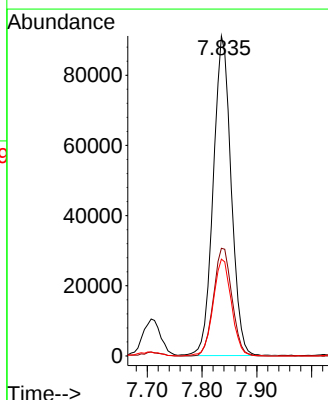
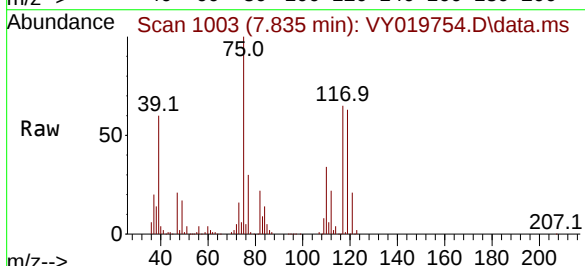
Tgt Ion: 75 Resp: 206425

Ion Ratio Lower Upper

75 100

110 34.7 19.0 57.0

77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 56.283 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

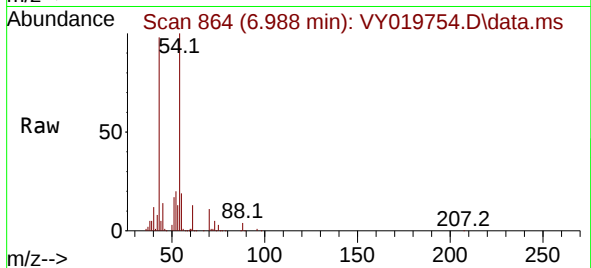
Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :



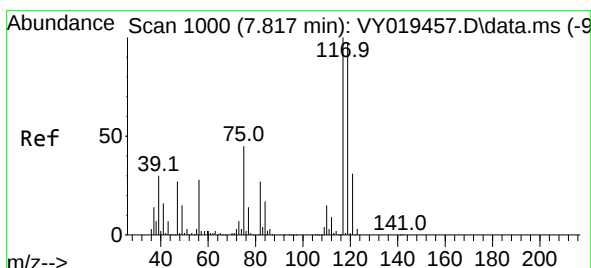
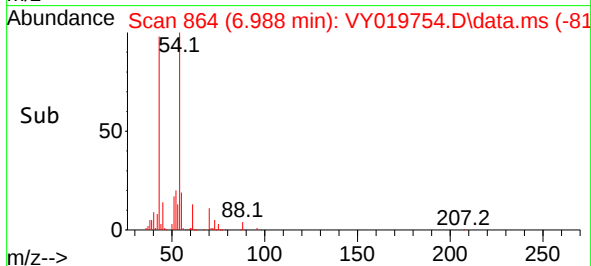
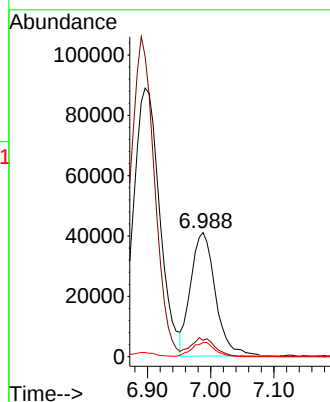
Tgt Ion: 43 Resp: 111425

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.672 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

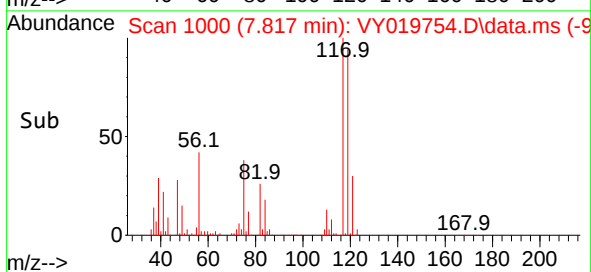
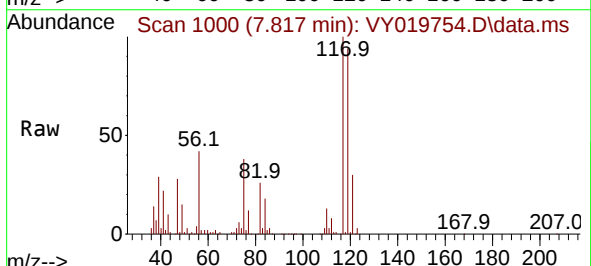
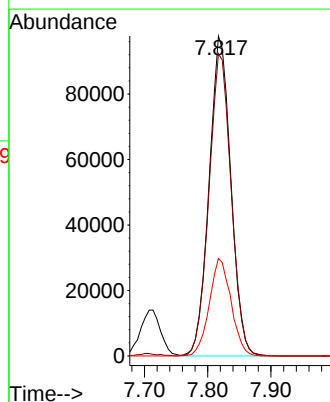
Tgt Ion: 117 Resp: 233858

Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6

121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 49.210 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

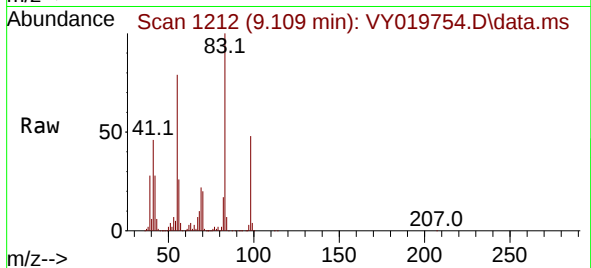
Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

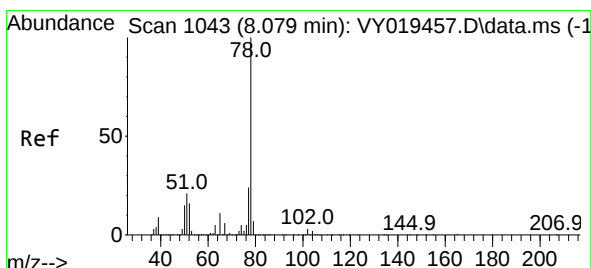
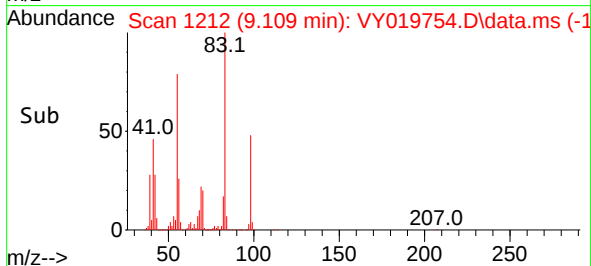
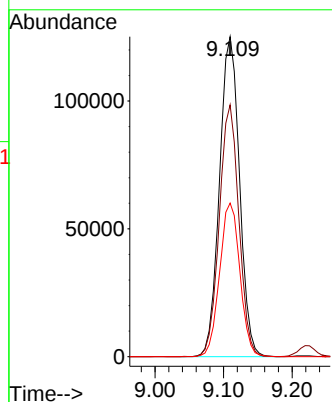
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	83	Resp:	253035
Ion	Ratio	Lower	Upper
83	100		
55	78.7	51.5	77.3#
98	48.0	40.5	60.7



#40

Benzene

Concen: 54.603 ug/l

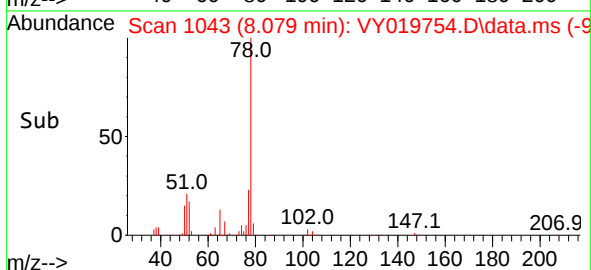
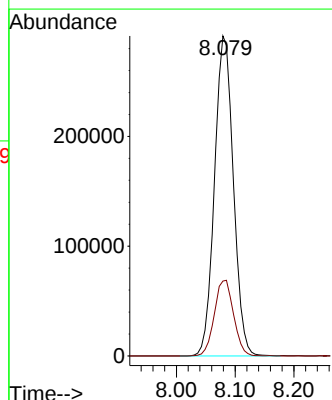
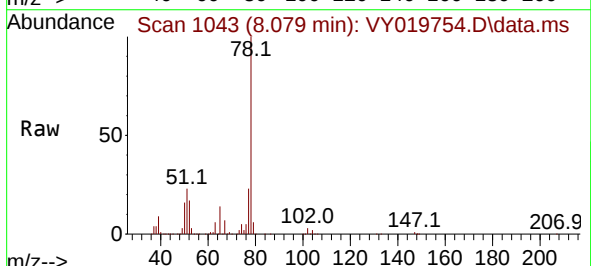
RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

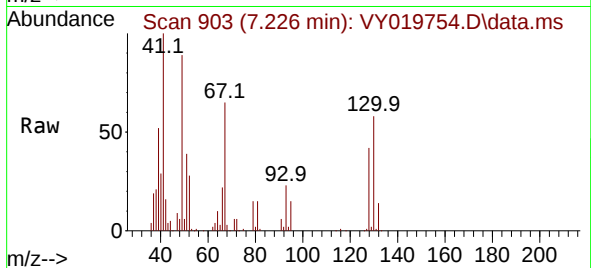
Tgt Ion:	78	Resp:	649820
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.5	29.3



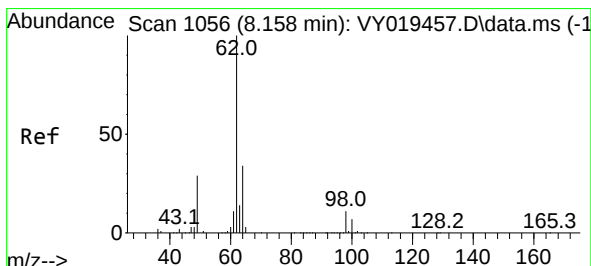
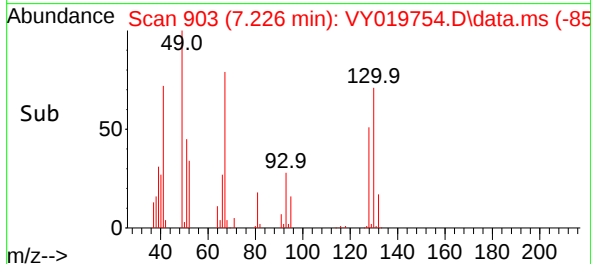
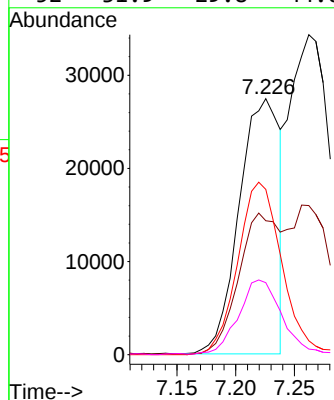


#41
Methacrylonitrile
Concen: 56.963 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Instrument :
MSVOA_Y
ClientSampleId :

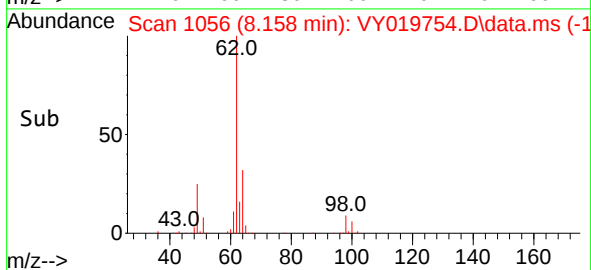
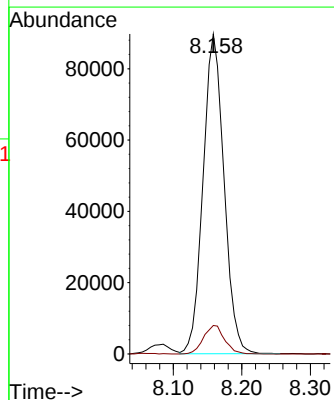
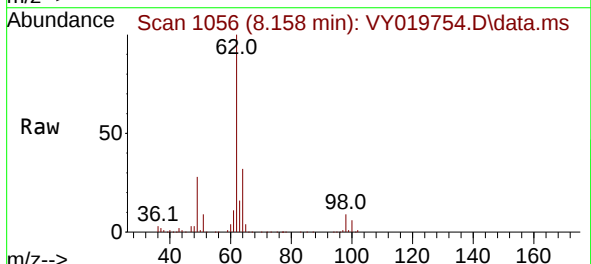


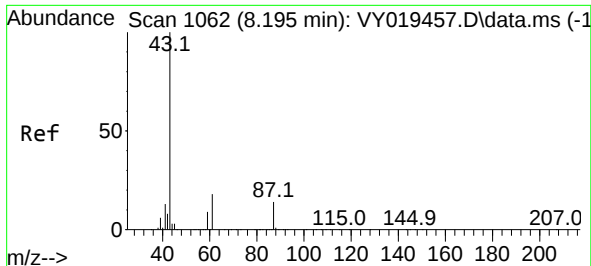
Tgt Ion: 41 Resp: 65737
Ion Ratio Lower Upper
41 100
39 55.4 48.0 72.0
67 73.6 75.1 112.7#
52 31.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 59.628 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 62 Resp: 190947
Ion Ratio Lower Upper
62 100
98 9.0 0.0 22.0

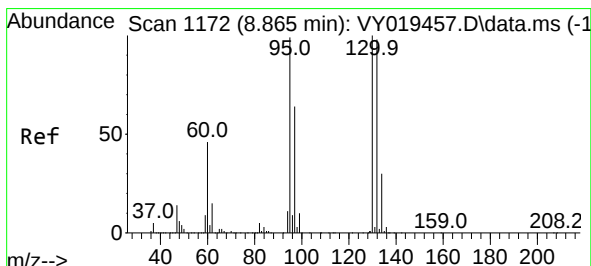
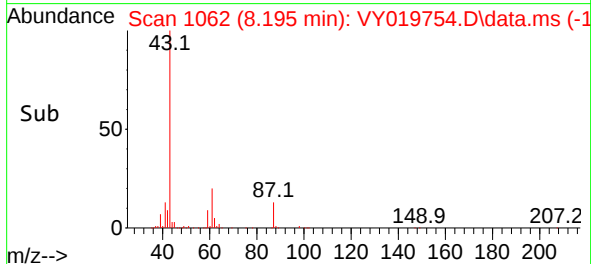
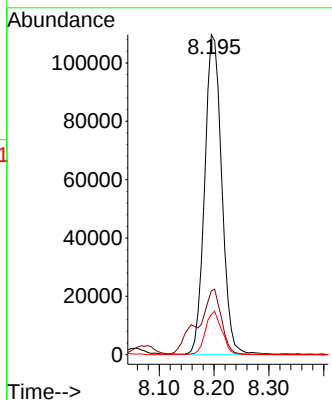
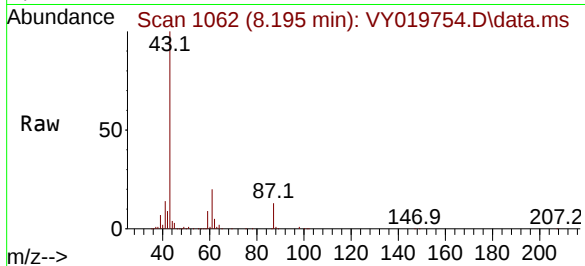




#43
Isopropyl Acetate
Concen: 56.686 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

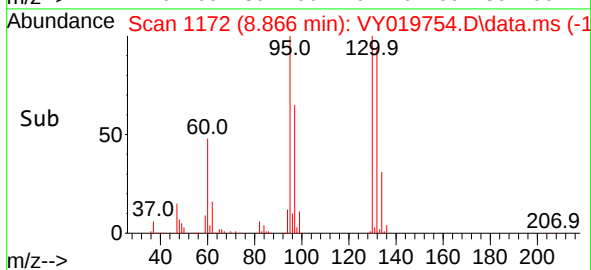
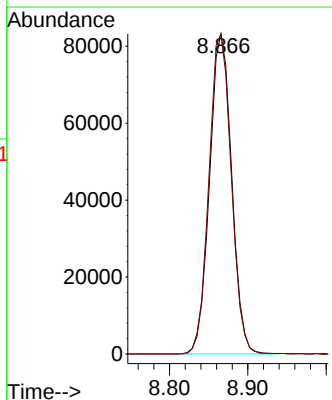
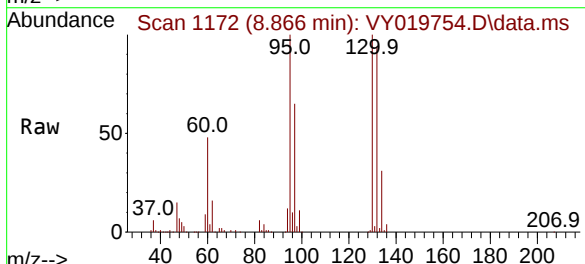
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 235771
Ion Ratio Lower Upper
43 100
61 20.4 27.9 41.9#
87 13.1 13.1 19.7



#44
Trichloroethene
Concen: 53.168 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion:130 Resp: 162727
Ion Ratio Lower Upper
130 100
95 100.0 0.0 188.0

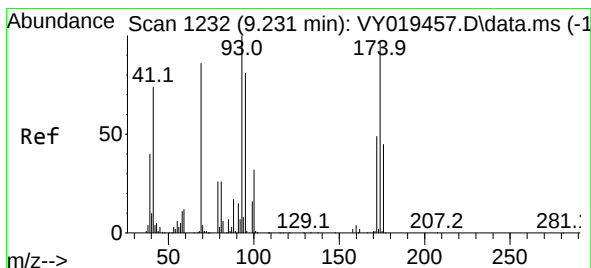
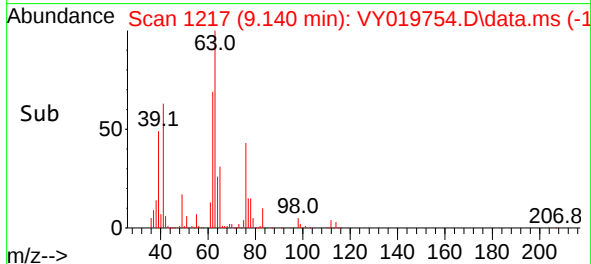
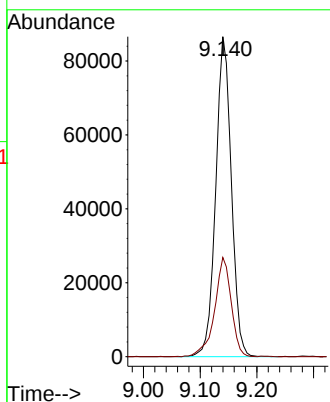
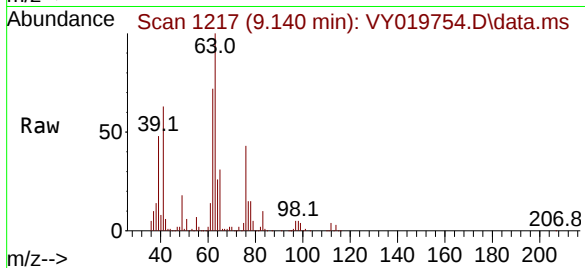




#45
1,2-Dichloropropane
Concen: 56.753 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

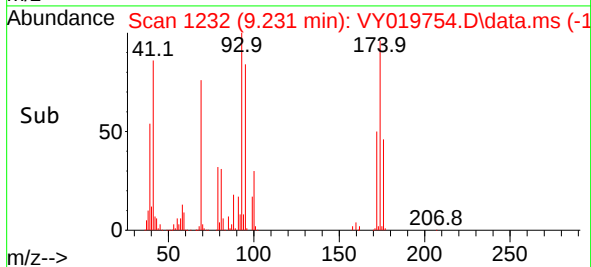
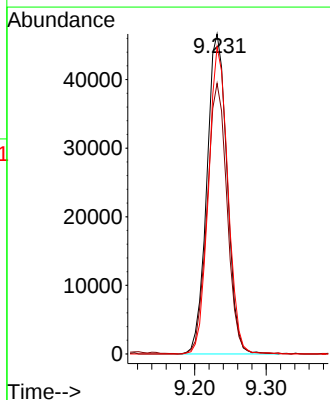
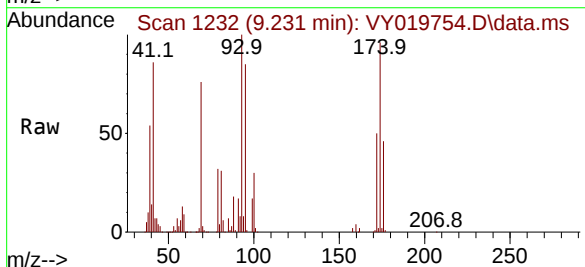
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 63 Resp: 165118
Ion Ratio Lower Upper
63 100
65 31.0 25.4 38.2



#46
Dibromomethane
Concen: 57.598 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 93 Resp: 91640
Ion Ratio Lower Upper
93 100
95 83.6 66.2 99.4
174 92.1 80.9 121.3





#47

Bromodichloromethane

Concen: 57.928 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

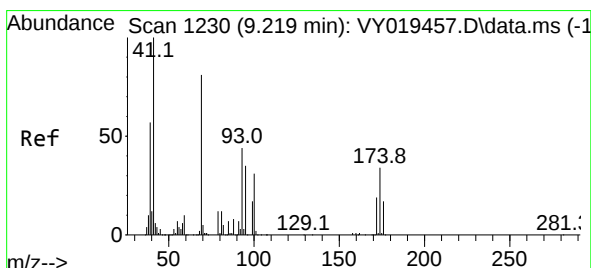
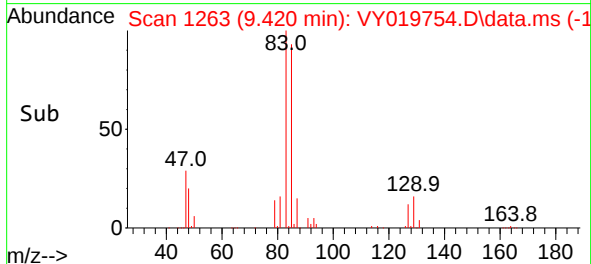
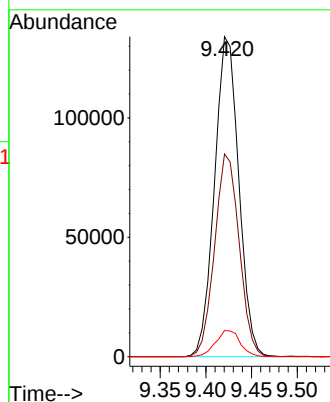
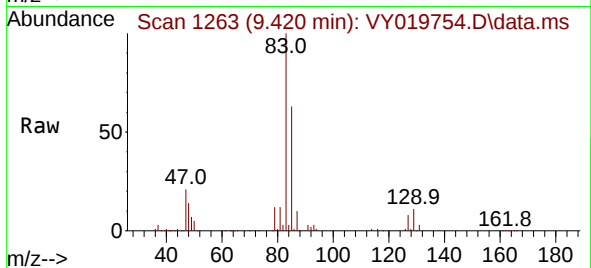
Tgt Ion: 83 Resp: 247748

Ion Ratio Lower Upper

83 100

85 63.3 50.1 75.1

127 8.2 7.4 11.0



#48

Methyl methacrylate

Concen: 55.750 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

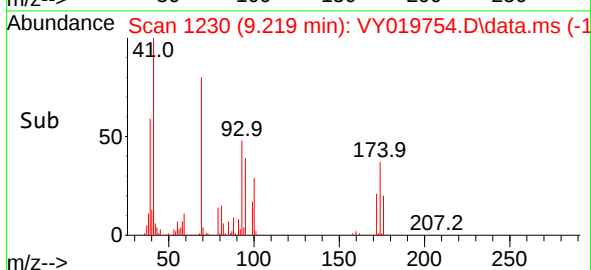
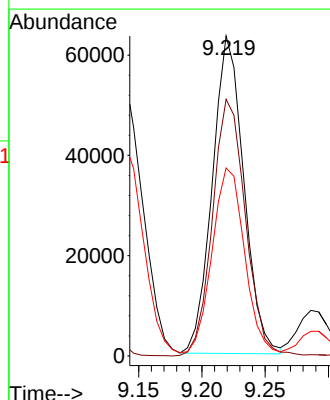
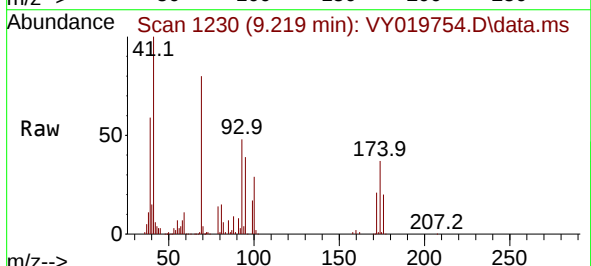
Tgt Ion: 41 Resp: 109500

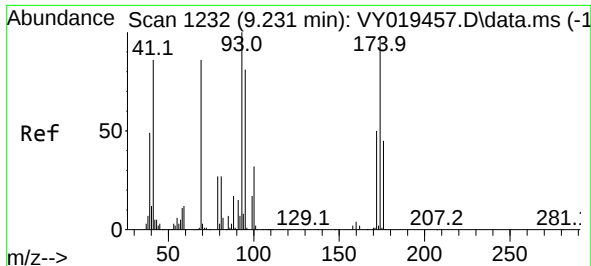
Ion Ratio Lower Upper

41 100

69 85.0 84.1 126.1

39 61.5 43.6 65.4





#49

1,4-Dioxane

Concen: 1165.627 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

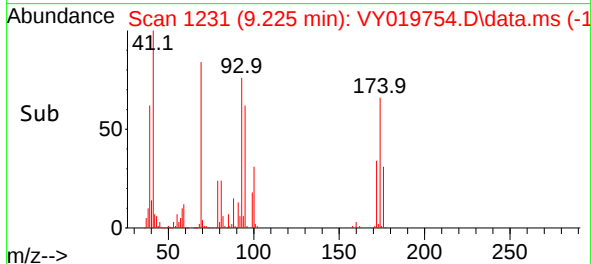
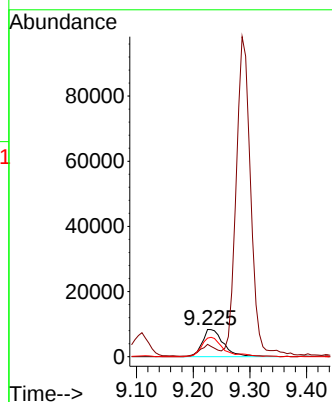
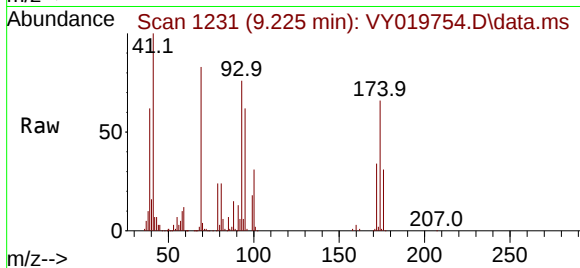
Tgt Ion: 88 Resp: 21832

Ion Ratio Lower Upper

88 100

43 32.8 0.0 0.0#

58 72.8 49.3 73.9



#50

Toluene-d8

Concen: 57.199 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY019754.D

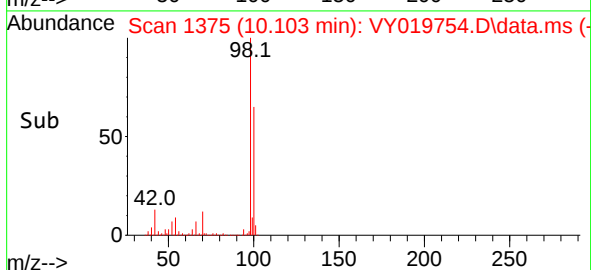
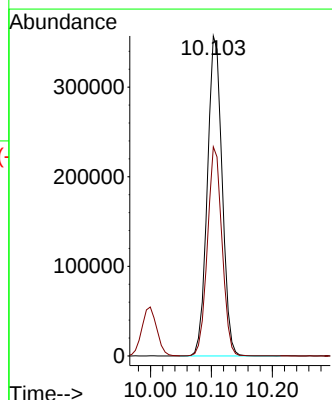
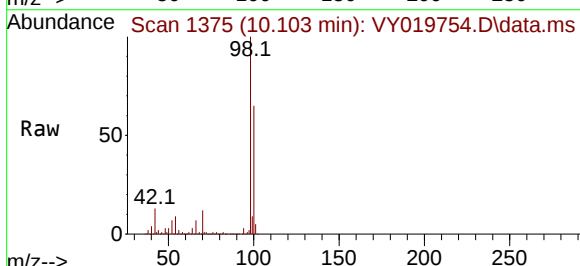
Acq: 01 Oct 2024 20:17

Tgt Ion: 98 Resp: 600751

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 289.511 ug/l

RT: 9.993 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

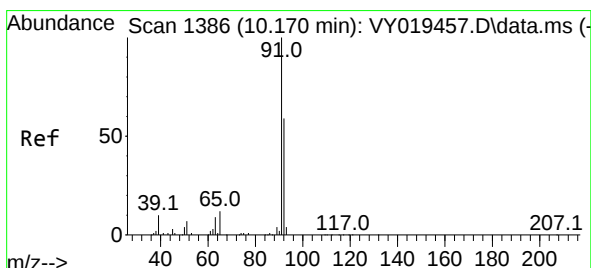
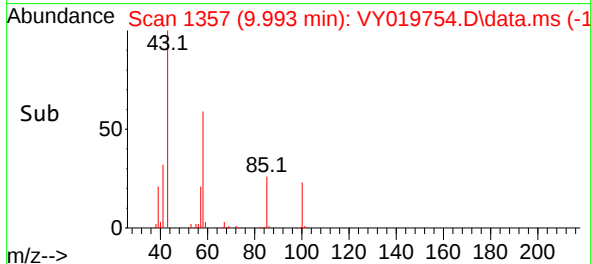
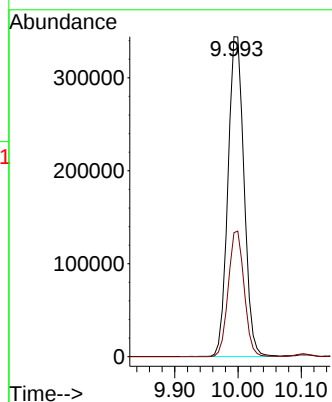
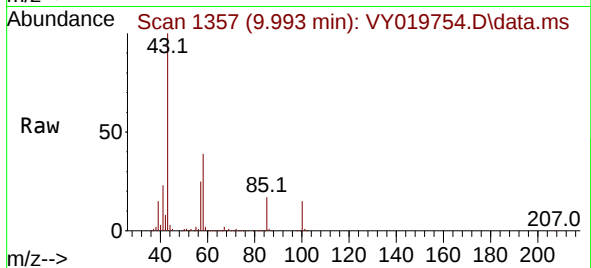
ClientSampleId :

Tgt Ion: 43 Resp: 605794

Ion Ratio Lower Upper

43 100

58 38.8 35.7 53.5



#52

Toluene

Concen: 55.012 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019754.D

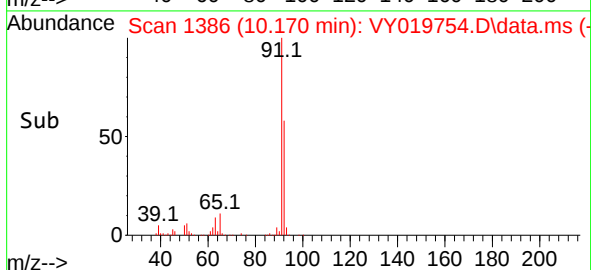
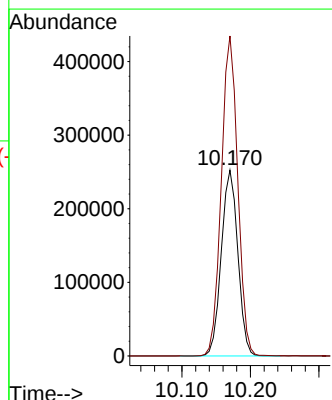
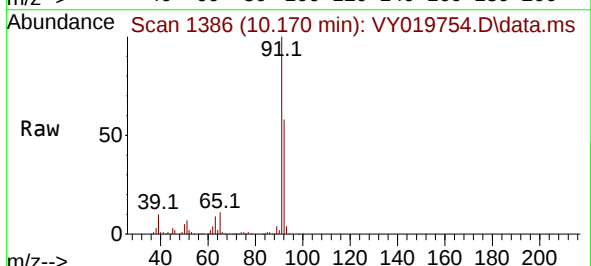
Acq: 01 Oct 2024 20:17

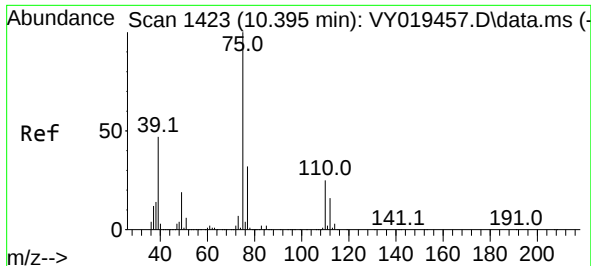
Tgt Ion: 92 Resp: 421056

Ion Ratio Lower Upper

92 100

91 171.2 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 54.833 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

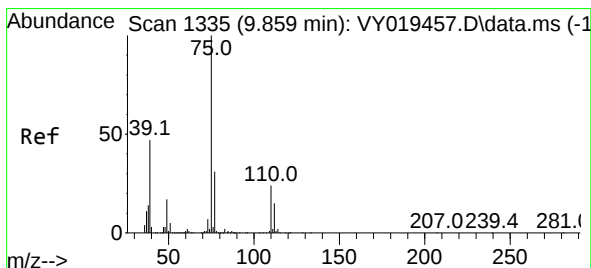
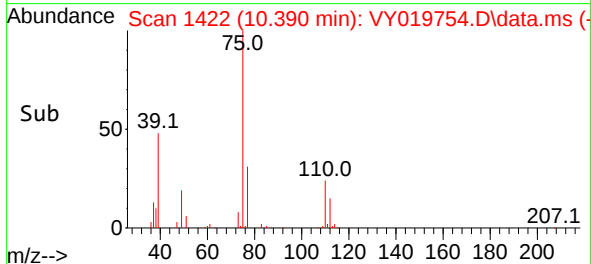
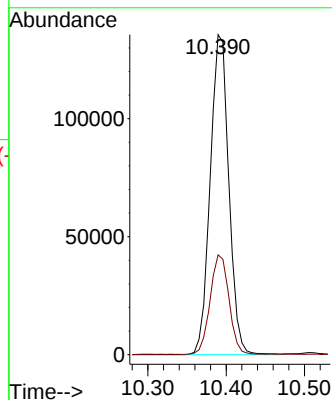
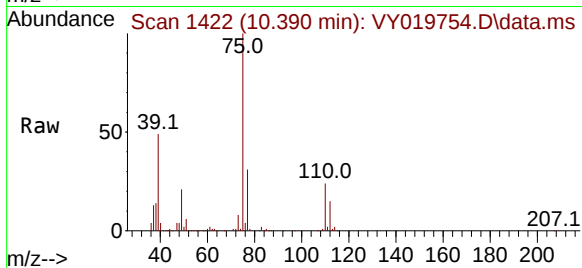
ClientSampleId :

Tgt Ion: 75 Resp: 223549

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 54.877 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

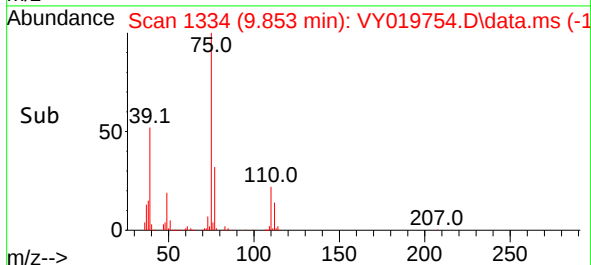
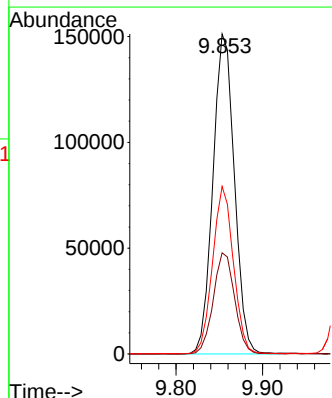
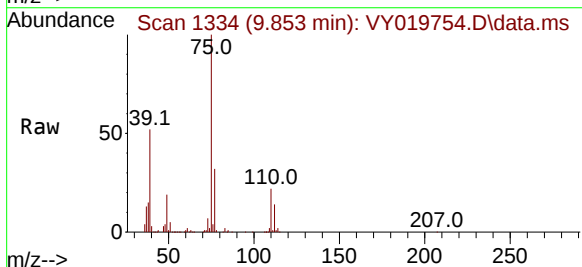
Tgt Ion: 75 Resp: 260514

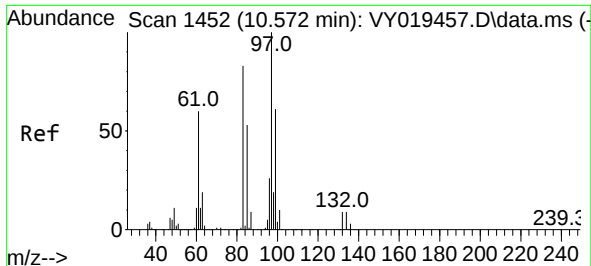
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 52.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 57.124 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 125510

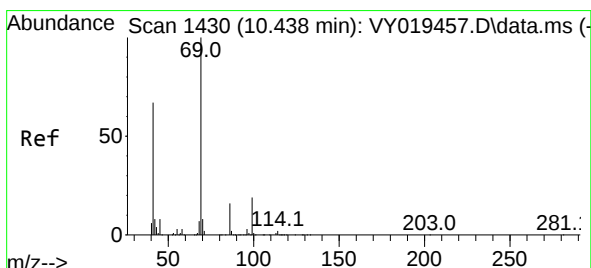
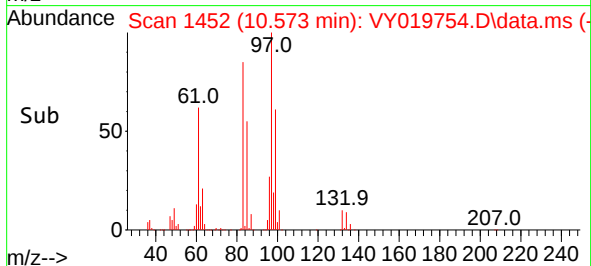
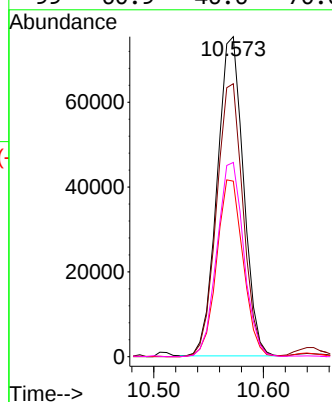
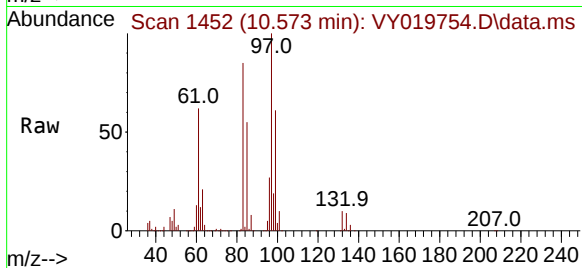
Ion Ratio Lower Upper

97 100

83 85.5 67.5 101.3

85 55.0 42.9 64.3

99 60.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 56.056 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

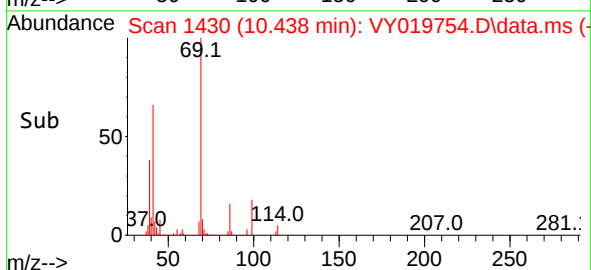
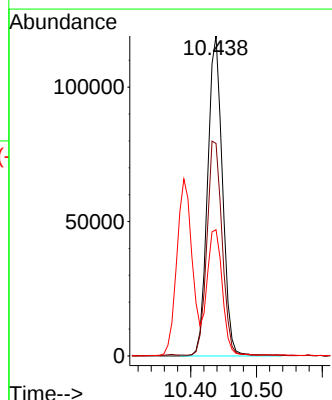
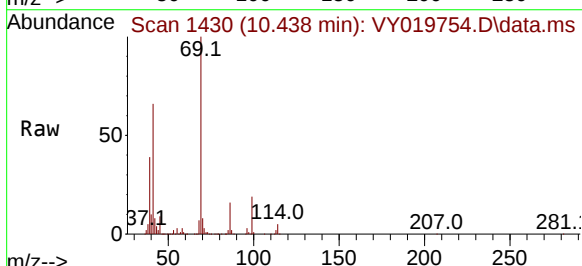
Tgt Ion: 69 Resp: 187092

Ion Ratio Lower Upper

69 100

41 67.9 42.3 63.5#

39 40.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 57.313 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

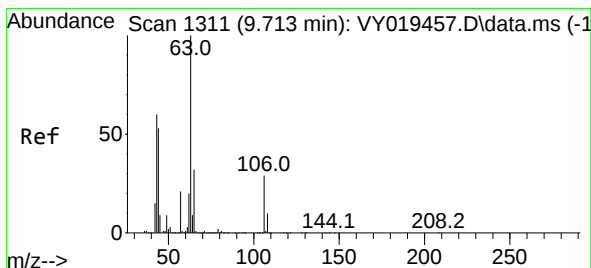
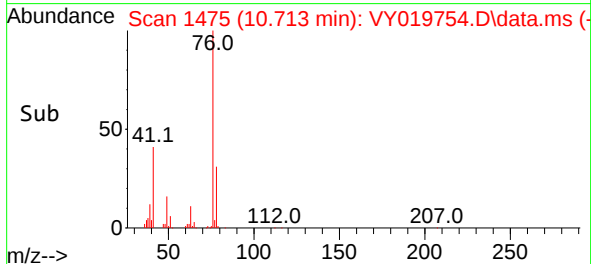
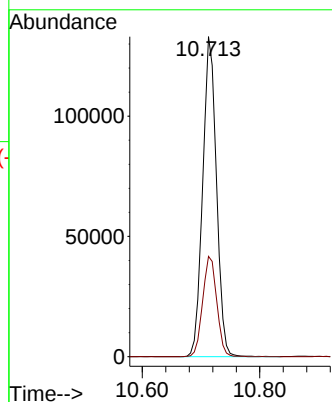
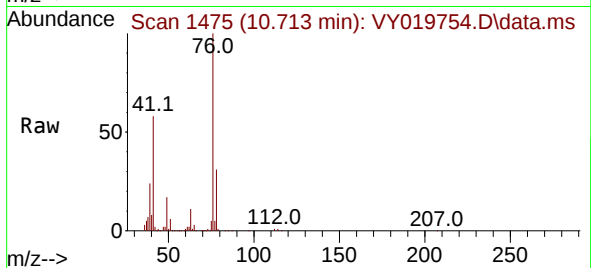
ClientSampleId :

Tgt Ion: 76 Resp: 216456

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 281.466 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019754.D

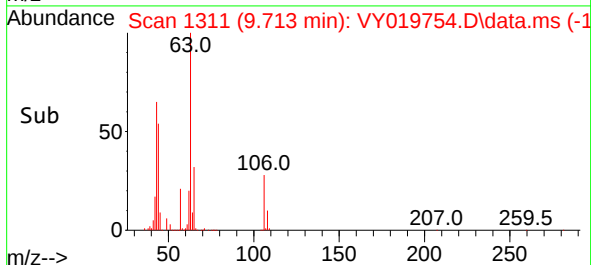
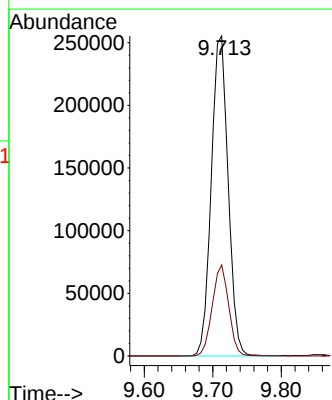
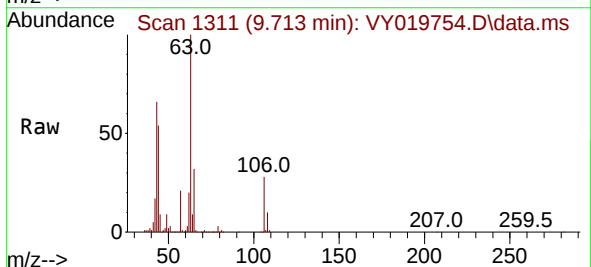
Acq: 01 Oct 2024 20:17

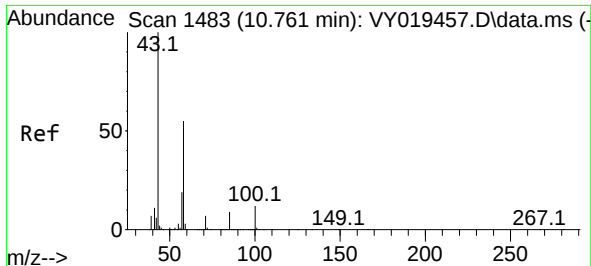
Tgt Ion: 63 Resp: 436013

Ion Ratio Lower Upper

63 100

106 27.7 23.7 35.5





#59

2-Hexanone

Concen: 271.224 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

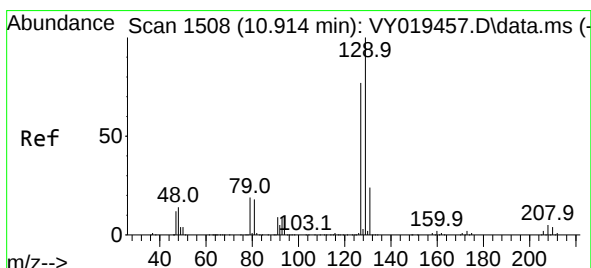
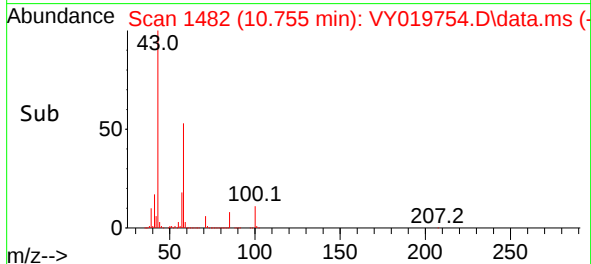
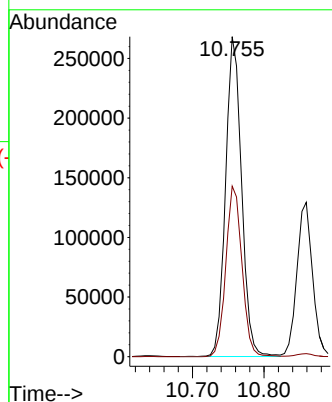
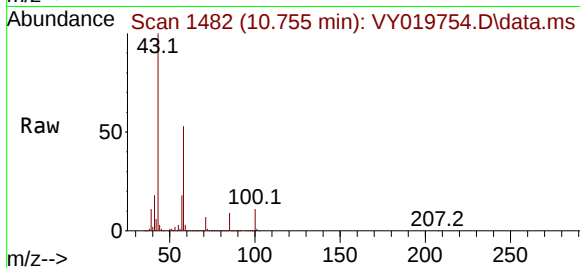
ClientSampleId :

Tgt Ion: 43 Resp: 416074

Ion Ratio Lower Upper

43 100

58 53.8 31.4 94.0



#60

Dibromochloromethane

Concen: 56.646 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY019754.D

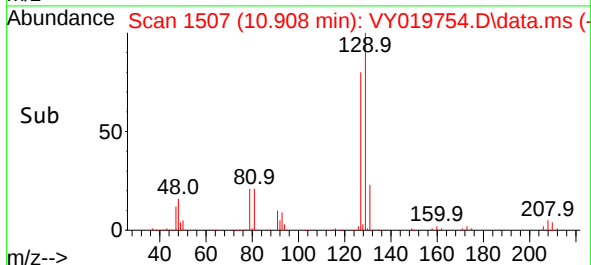
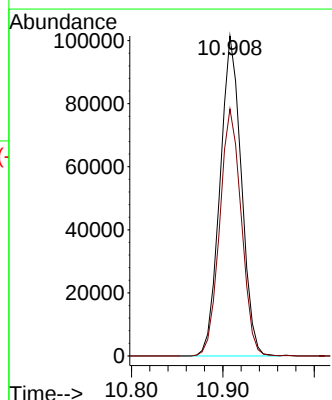
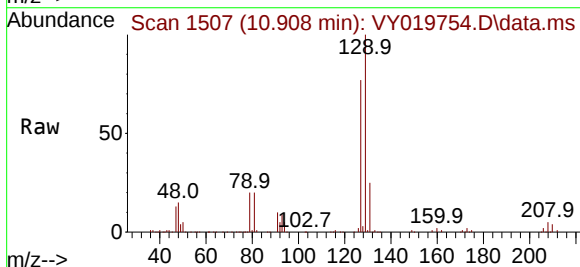
Acq: 01 Oct 2024 20:17

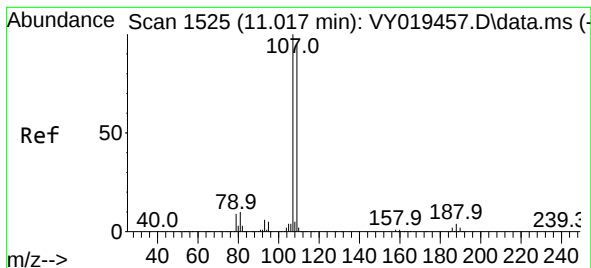
Tgt Ion:129 Resp: 164638

Ion Ratio Lower Upper

129 100

127 77.9 39.0 117.0





#61

1,2-Dibromoethane

Concen: 55.636 ug/l

RT: 11.012 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

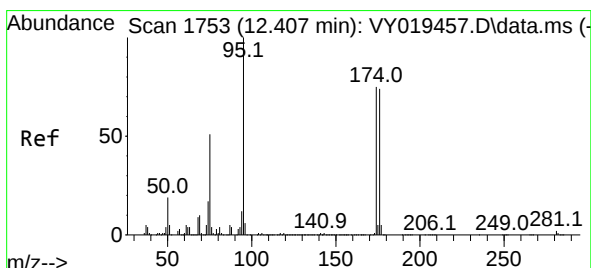
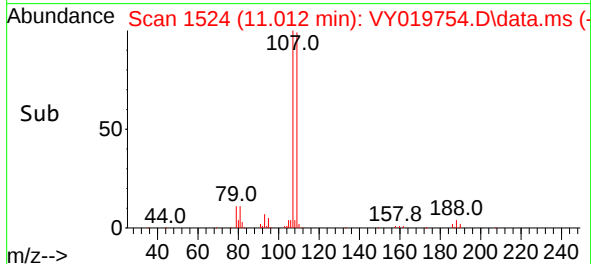
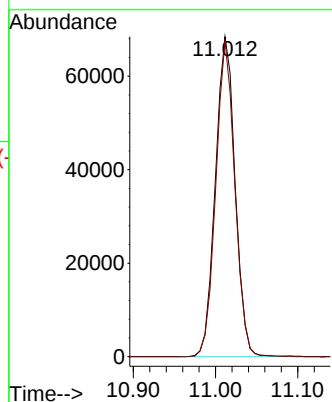
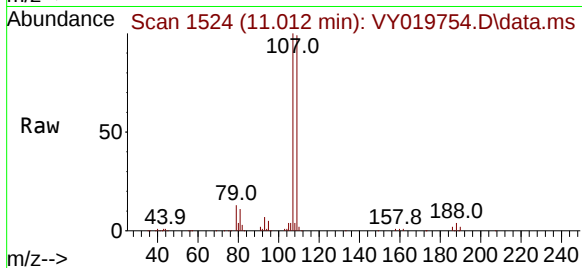
ClientSampleId :

Tgt Ion:107 Resp: 113896

Ion Ratio Lower Upper

107 100

109 95.3 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 56.108 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

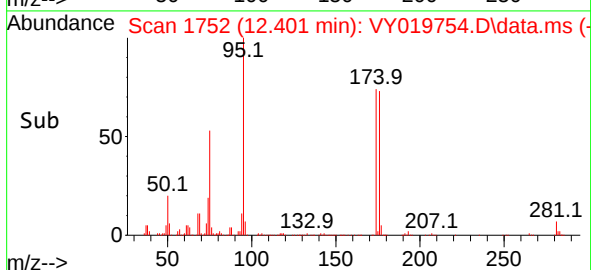
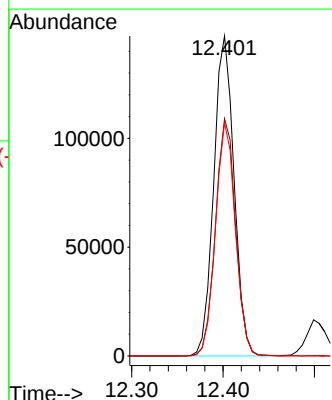
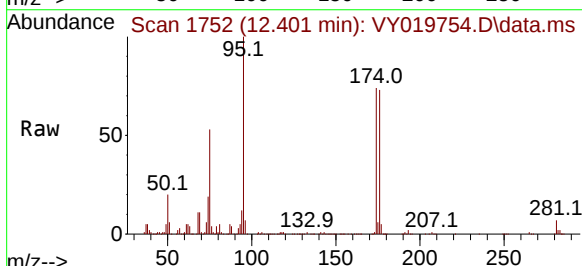
Tgt Ion: 95 Resp: 226588

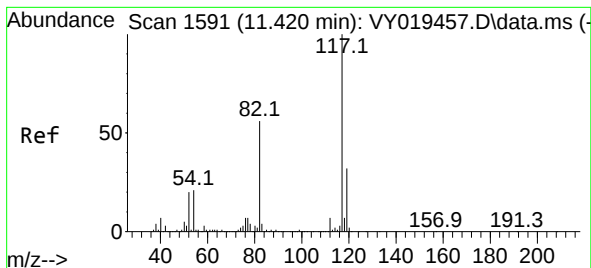
Ion Ratio Lower Upper

95 100

174 73.5 0.0 175.6

176 71.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

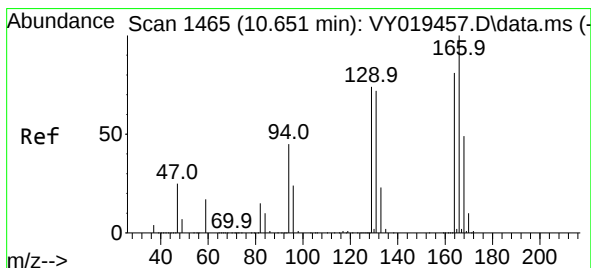
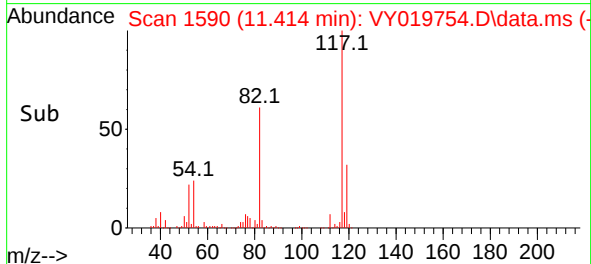
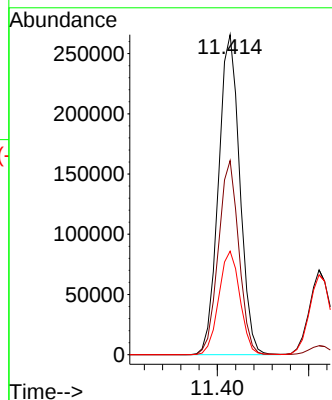
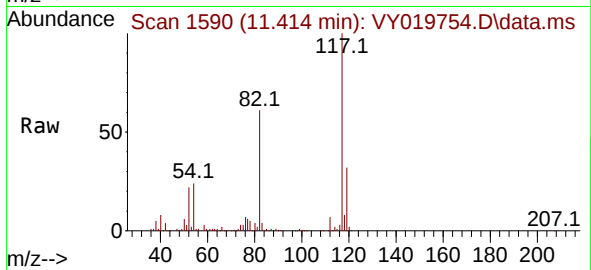
Tgt Ion:117 Resp: 429981

Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

119 32.4 25.9 38.9



#64

Tetrachloroethene

Concen: 54.986 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Tgt Ion:164 Resp: 146409

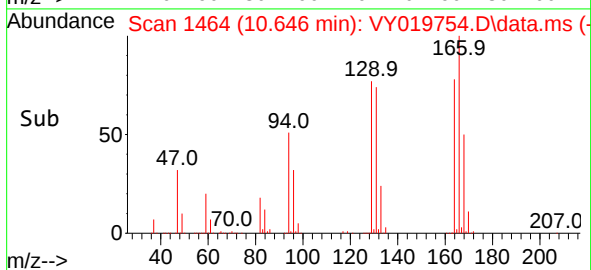
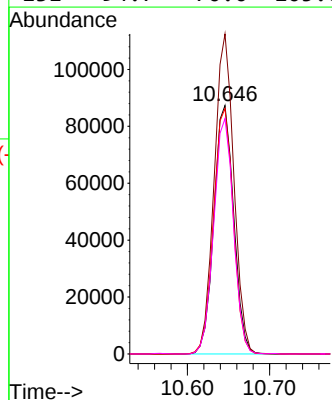
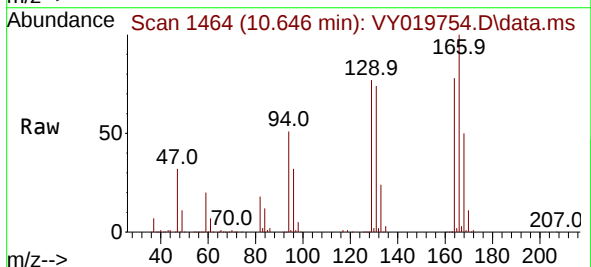
Ion Ratio Lower Upper

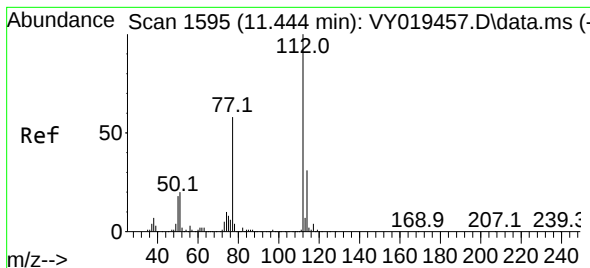
164 100

166 128.8 102.6 154.0

129 98.8 72.0 108.0

131 94.7 70.0 105.0





#65

Chlorobenzene

Concen: 55.047 ug/l

RT: 11.438 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

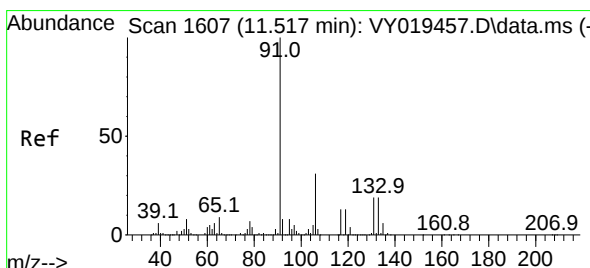
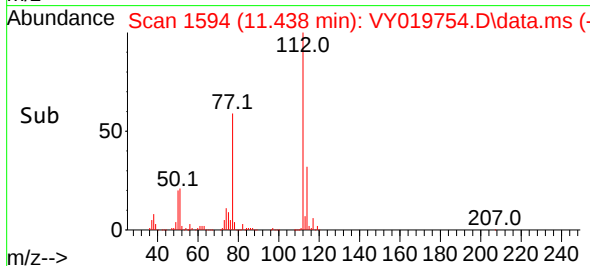
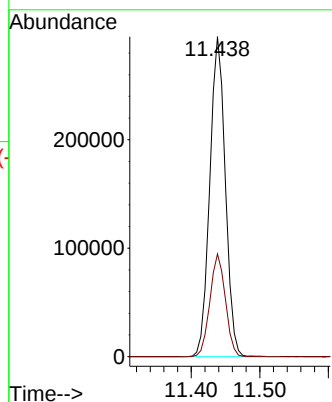
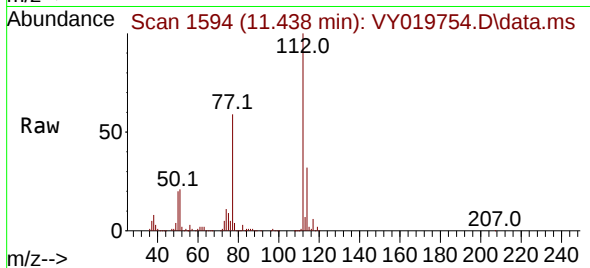
ClientSampleId :

Tgt Ion:112 Resp: 465584

Ion Ratio Lower Upper

112 100

114 32.1 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.500 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

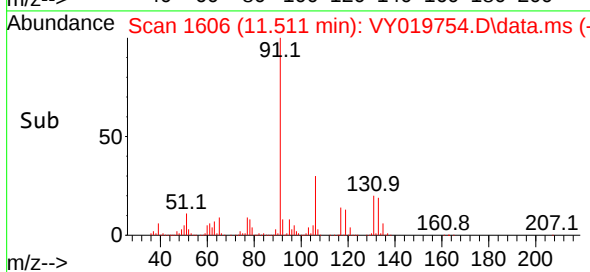
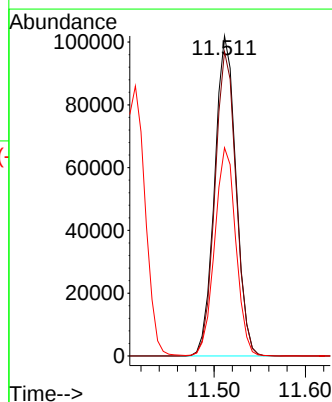
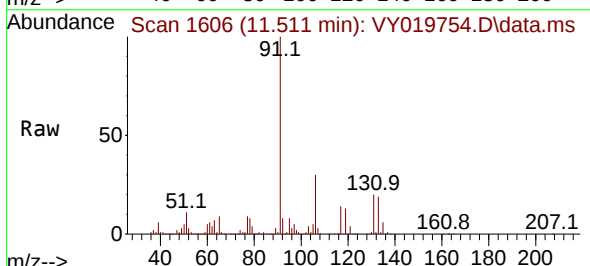
Tgt Ion:131 Resp: 165456

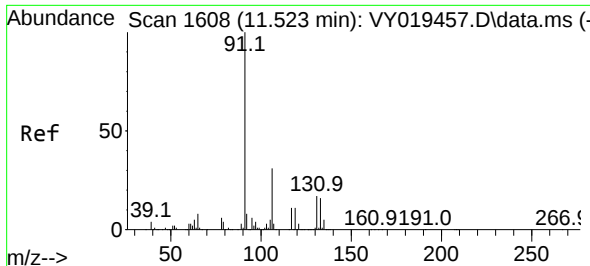
Ion Ratio Lower Upper

131 100

133 94.3 47.8 143.3

119 64.7 34.1 102.2





#67

Ethyl Benzene

Concen: 55.026 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

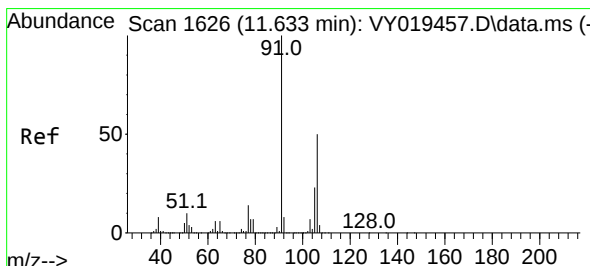
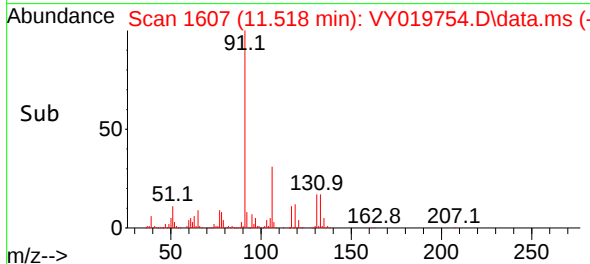
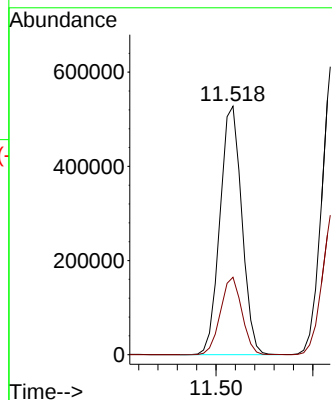
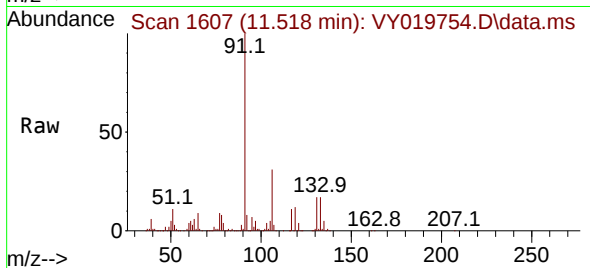
ClientSampleId :

Tgt Ion: 91 Resp: 826955

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 108.731 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY019754.D

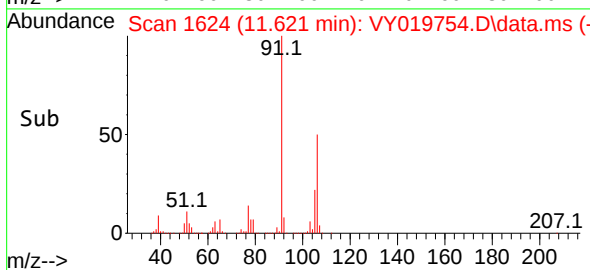
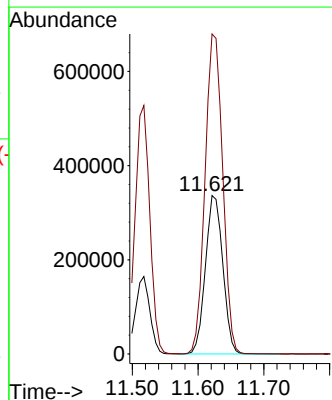
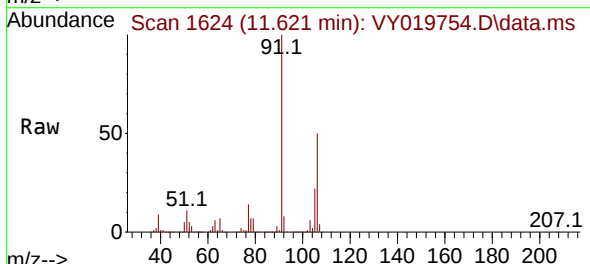
Acq: 01 Oct 2024 20:17

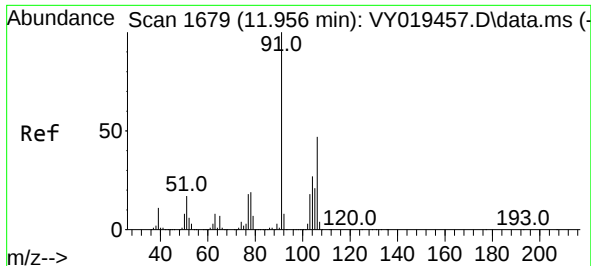
Tgt Ion:106 Resp: 617875

Ion Ratio Lower Upper

106 100

91 205.3 156.0 234.0

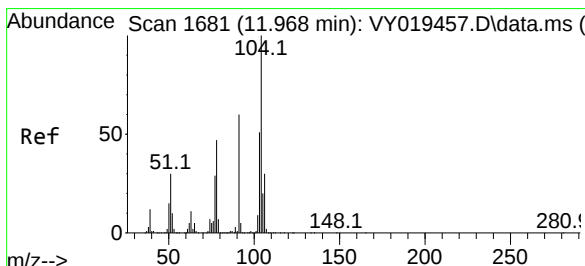
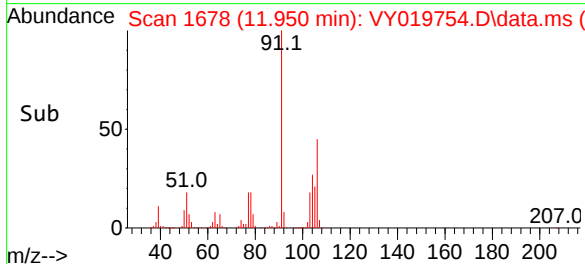
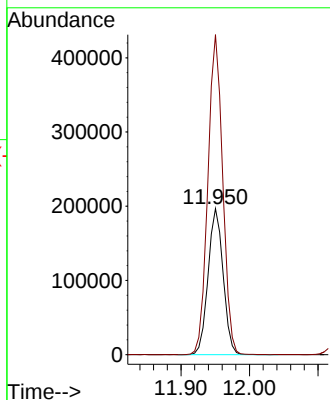
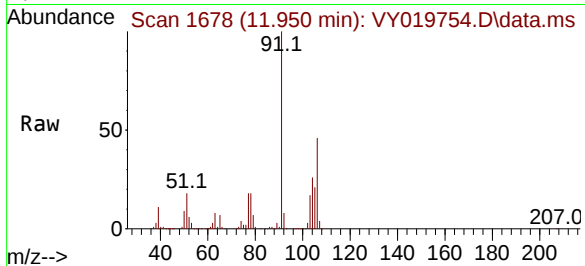




#69
o-Xylene
Concen: 53.915 ug/l
RT: 11.950 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

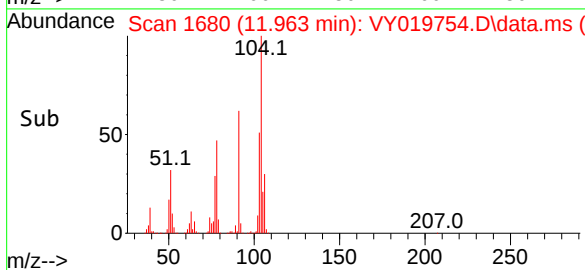
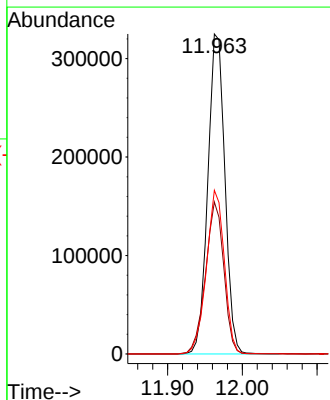
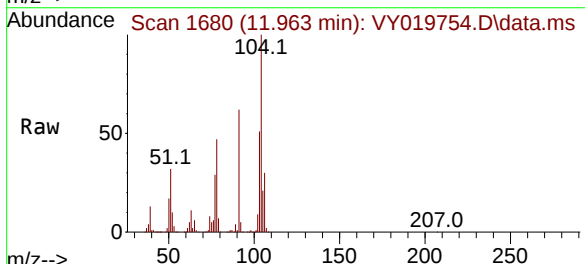
Instrument :
MSVOA_Y
ClientSampleId :

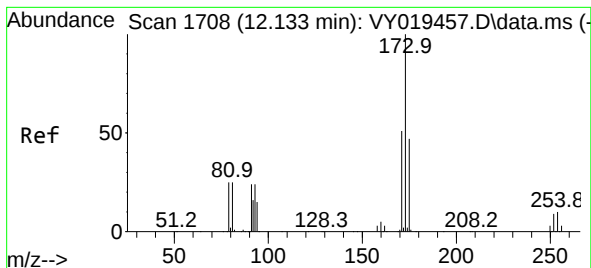
Tgt Ion:106 Resp: 299627
Ion Ratio Lower Upper
106 100
91 216.7 103.6 310.8



#70
Styrene
Concen: 54.987 ug/l
RT: 11.963 min Scan# 1680
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion:104 Resp: 515938
Ion Ratio Lower Upper
104 100
78 50.8 37.0 55.4
103 53.9 44.2 66.2





#71

Bromoform

Concen: 56.135 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

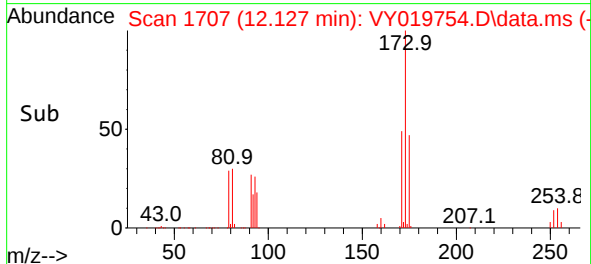
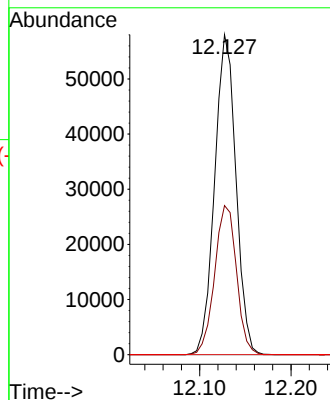
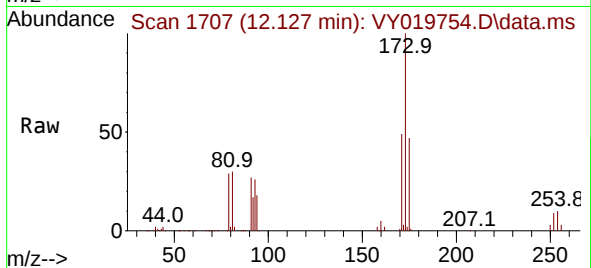
Tgt Ion:173 Resp: 93893

Ion Ratio Lower Upper

173 100

175 47.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

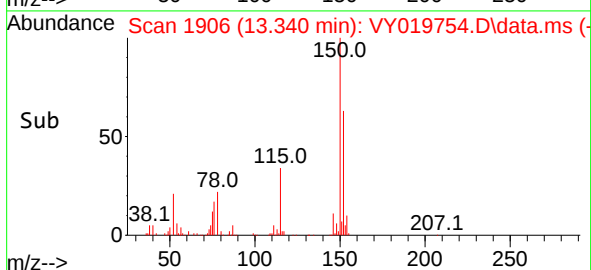
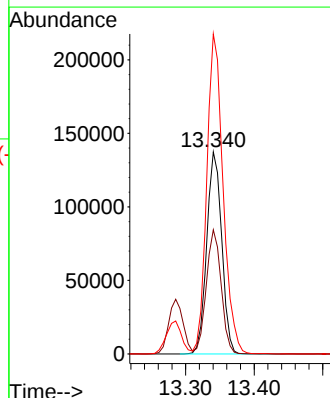
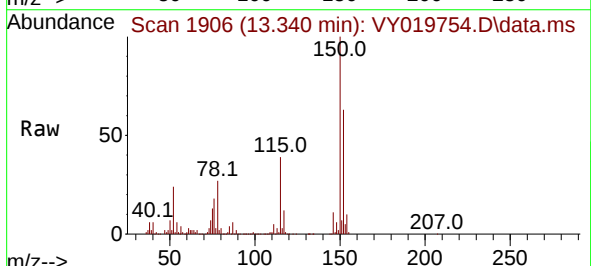
Tgt Ion:152 Resp: 209265

Ion Ratio Lower Upper

152 100

115 61.0 28.2 84.7

150 171.6 0.0 345.6





#73

Isopropylbenzene

Concen: 52.636 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

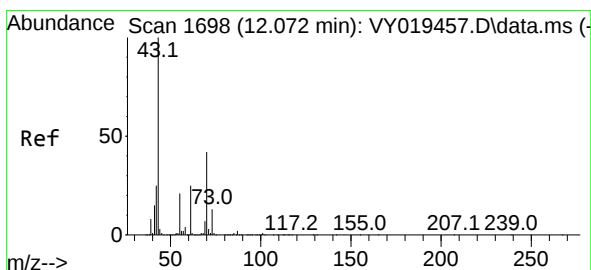
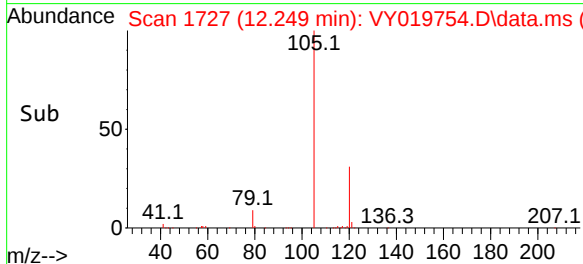
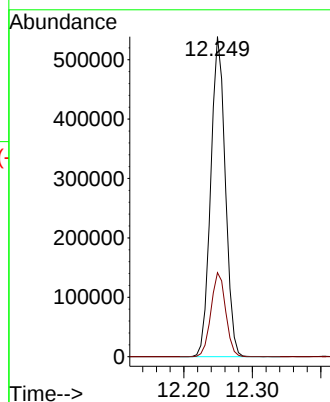
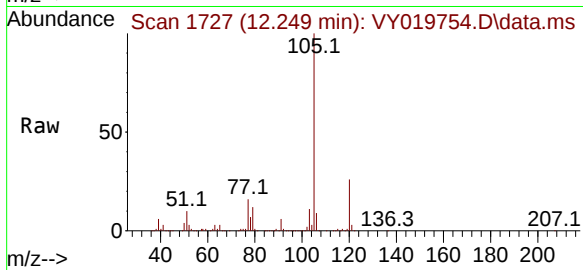
ClientSampleId :

Tgt Ion:105 Resp: 799093

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 52.826 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Tgt Ion: 43 Resp: 218112

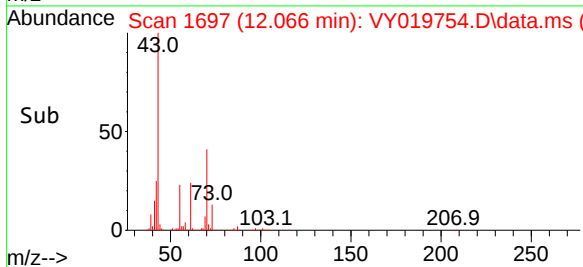
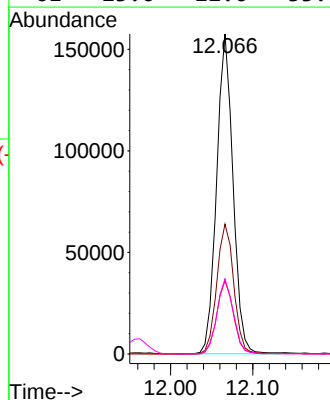
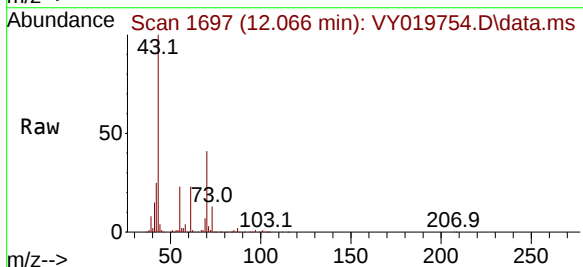
Ion Ratio Lower Upper

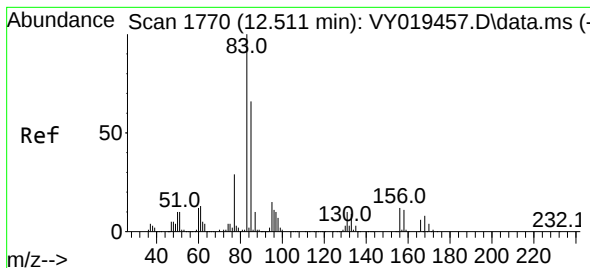
43 100

70 42.4 41.4 62.2

55 23.6 23.3 34.9

61 23.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 55.438 ug/l

RT: 12.499 min Scan# 1768

Delta R.T. -0.012 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

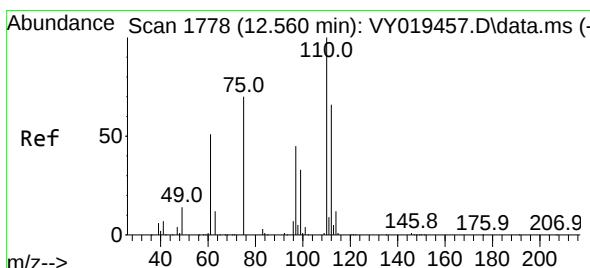
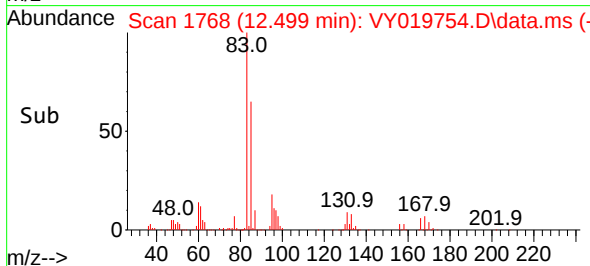
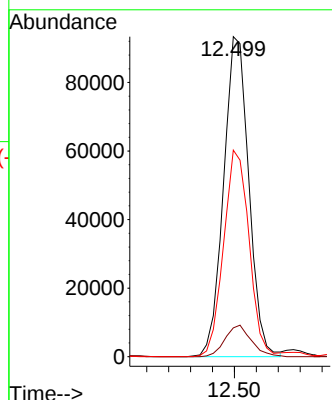
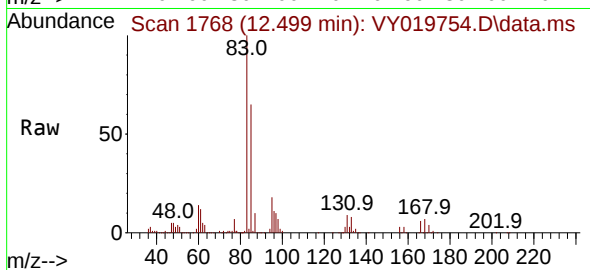
Tgt Ion: 83 Resp: 149387

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 97.752 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY019754.D

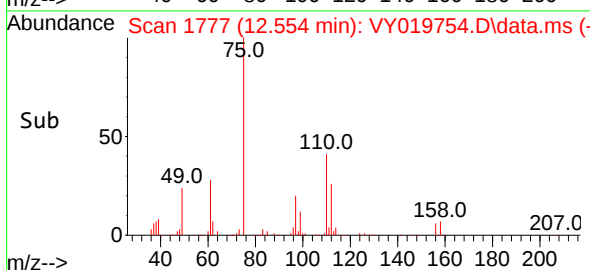
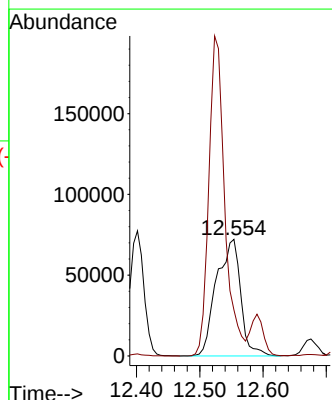
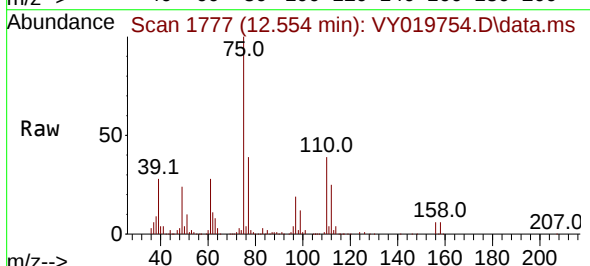
Acq: 01 Oct 2024 20:17

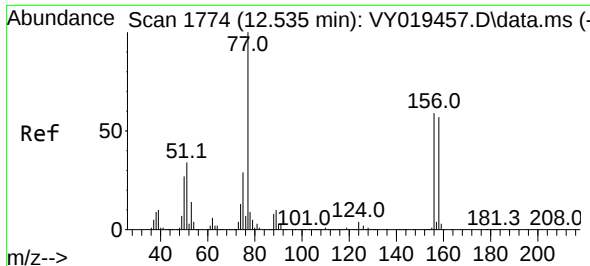
Tgt Ion: 75 Resp: 191732

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

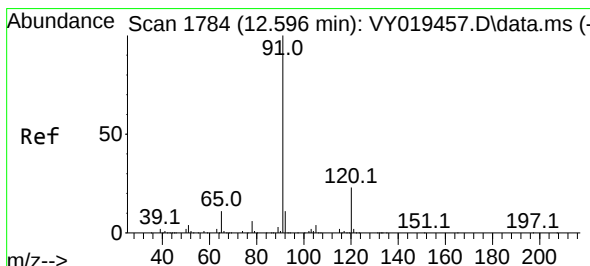
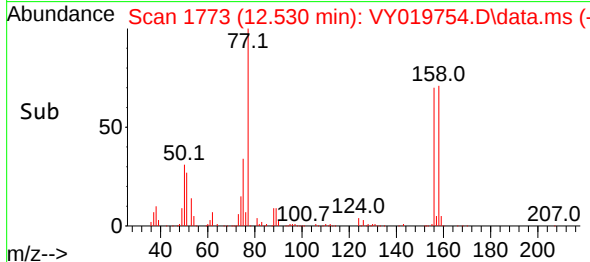
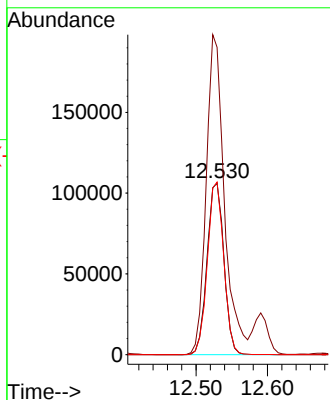
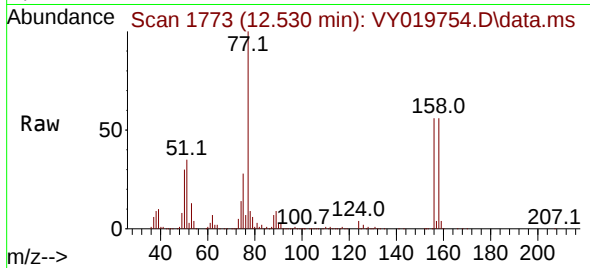




#77
Bromobenzene
Concen: 51.555 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

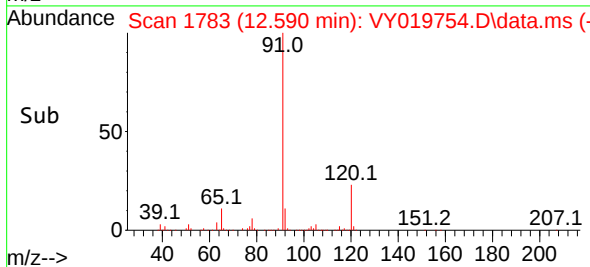
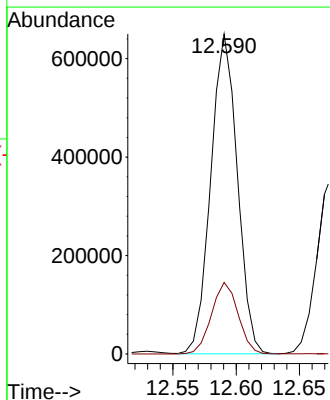
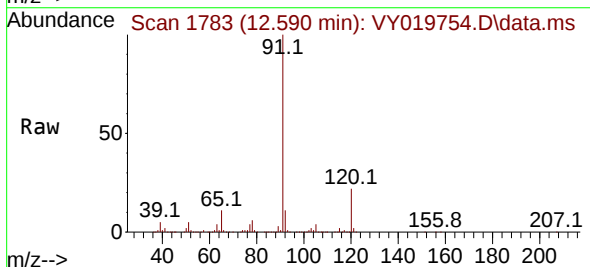
Instrument :
MSVOA_Y
ClientSampleId :

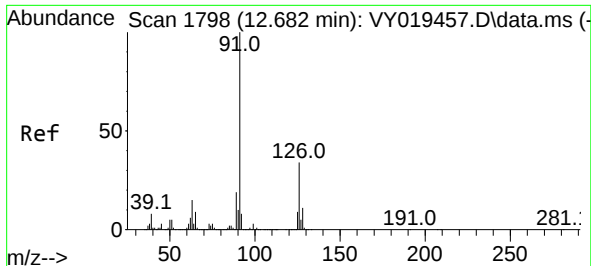
Tgt Ion:156 Resp: 173587
Ion Ratio Lower Upper
156 100
77 201.0 87.1 261.3
158 97.8 48.6 145.9



#78
n-propylbenzene
Concen: 52.683 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 91 Resp: 947992
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.788 ug/l

RT: 12.676 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

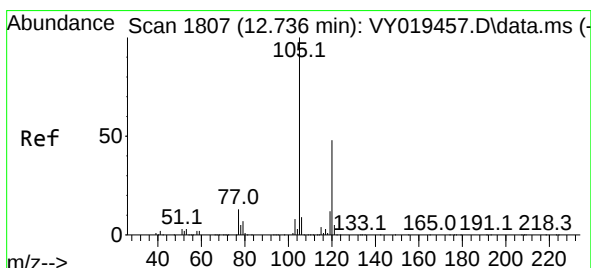
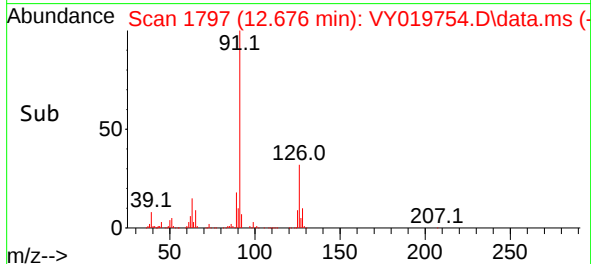
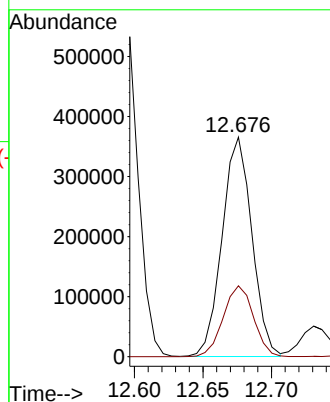
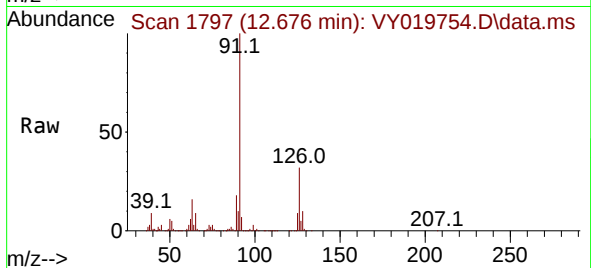
ClientSampleId :

Tgt Ion: 91 Resp: 553561

Ion Ratio Lower Upper

91 100

126 32.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 52.514 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019754.D

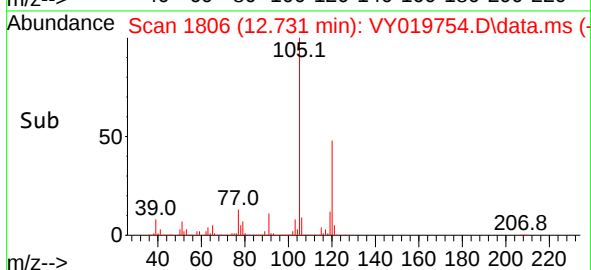
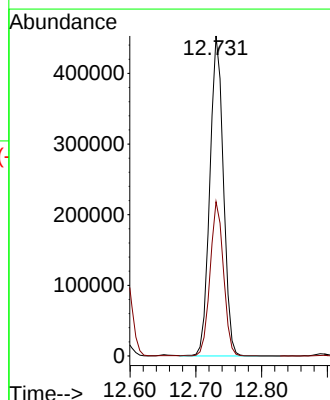
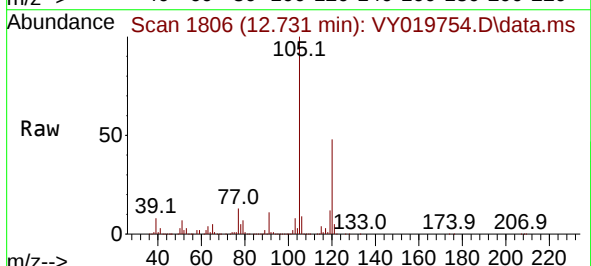
Acq: 01 Oct 2024 20:17

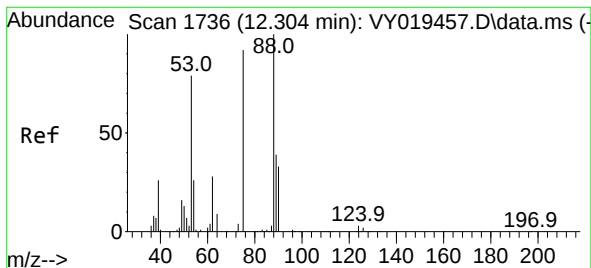
Tgt Ion: 105 Resp: 648122

Ion Ratio Lower Upper

105 100

120 47.8 25.1 75.2

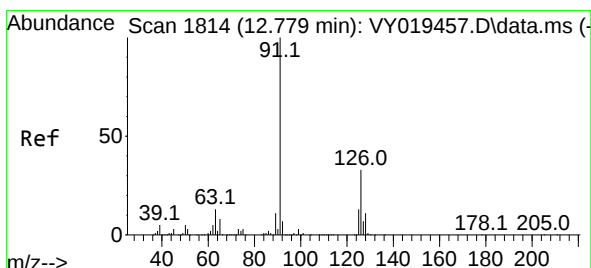
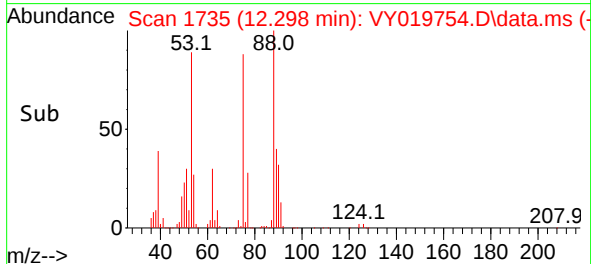
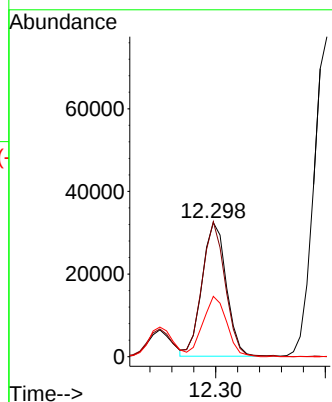
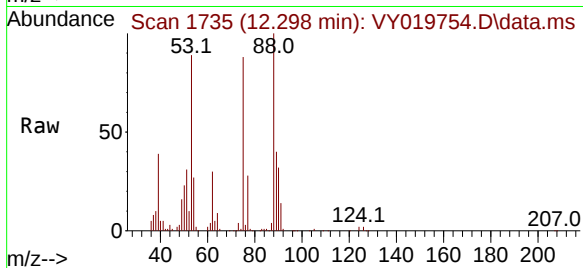




#81
trans-1,4-Dichloro-2-butene
Concen: 48.721 ug/l
RT: 12.298 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

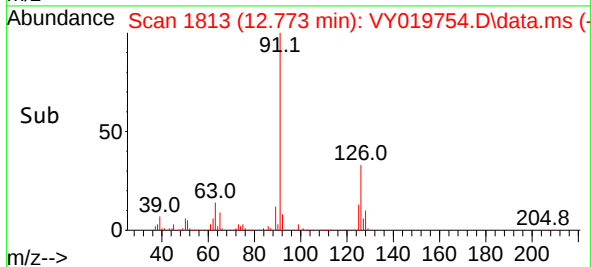
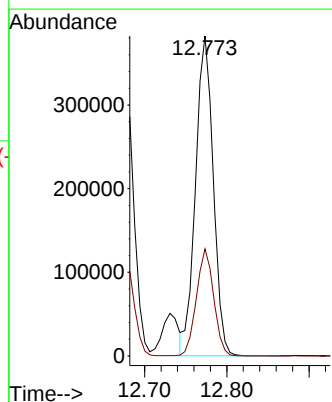
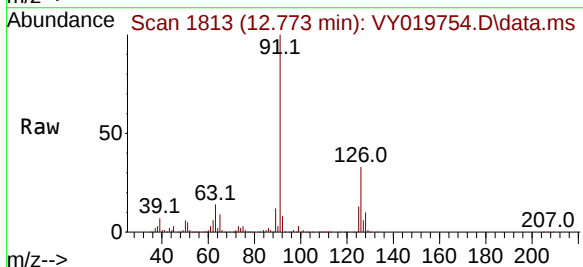
Instrument :
MSVOA_Y
ClientSampleId :

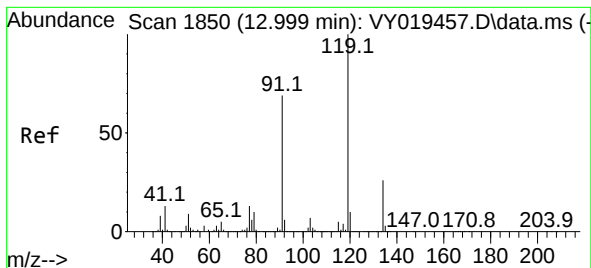
Tgt Ion: 75 Resp: 49780
Ion Ratio Lower Upper
75 100
53 97.5 66.8 100.2
89 44.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.135 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019754.D
Acq: 01 Oct 2024 20:17

Tgt Ion: 91 Resp: 572843
Ion Ratio Lower Upper
91 100
126 32.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.814 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

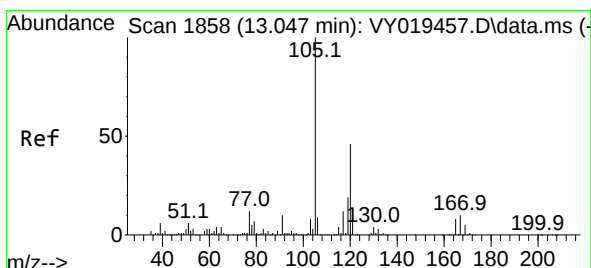
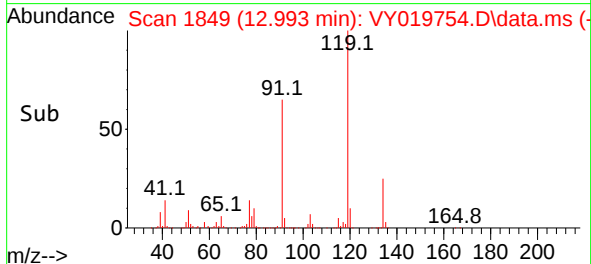
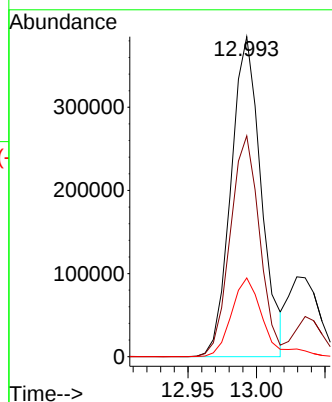
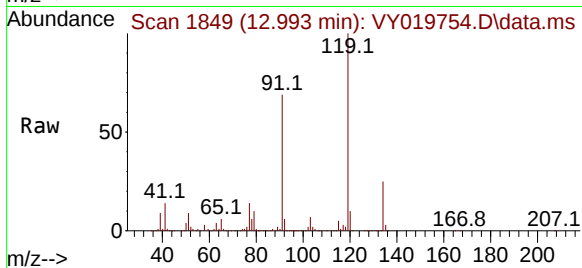
Tgt Ion:119 Resp: 590100

Ion Ratio Lower Upper

119 100

91 67.1 31.3 93.8

134 26.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 52.792 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.012 min

Lab File: VY019754.D

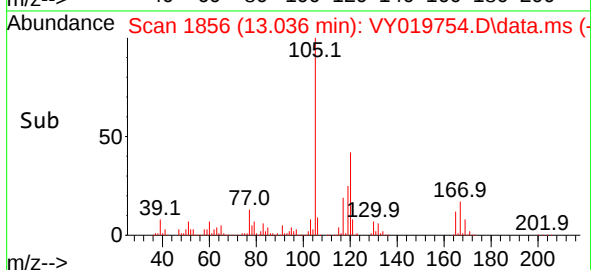
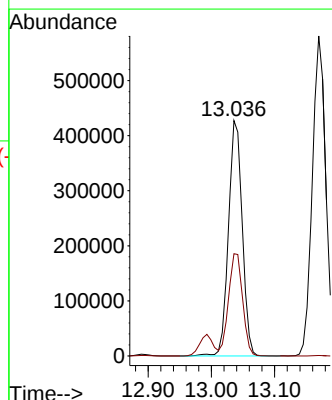
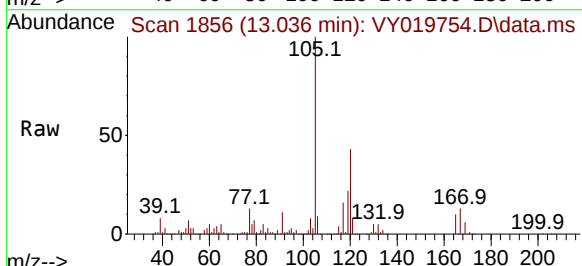
Acq: 01 Oct 2024 20:17

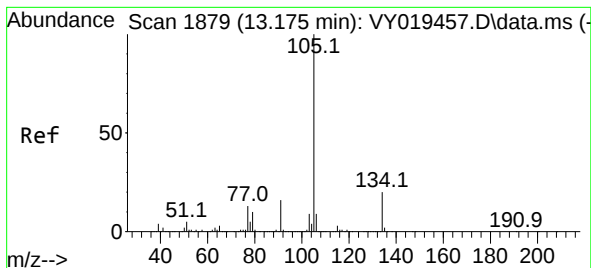
Tgt Ion:105 Resp: 644947

Ion Ratio Lower Upper

105 100

120 44.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 52.622 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

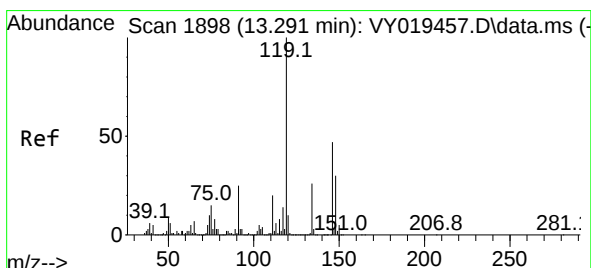
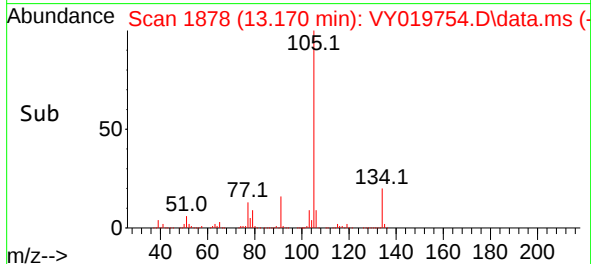
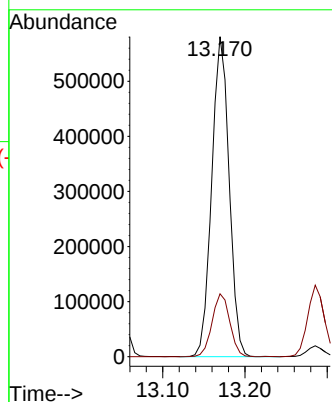
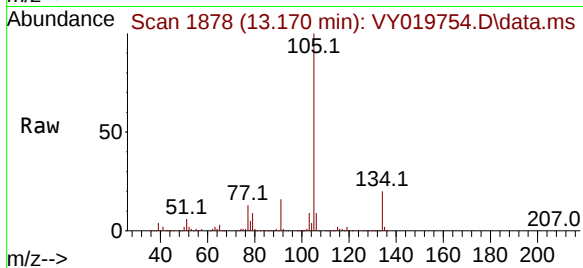
ClientSampleId :

Tgt Ion:105 Resp: 854134

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 52.397 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

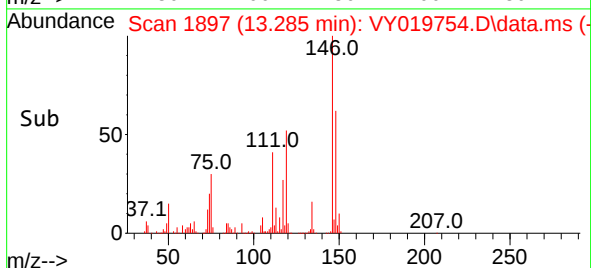
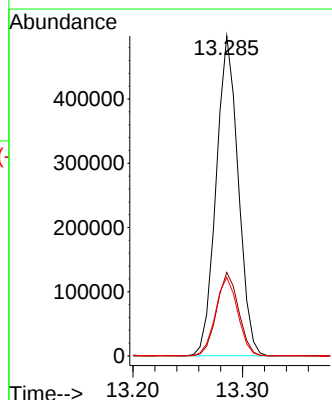
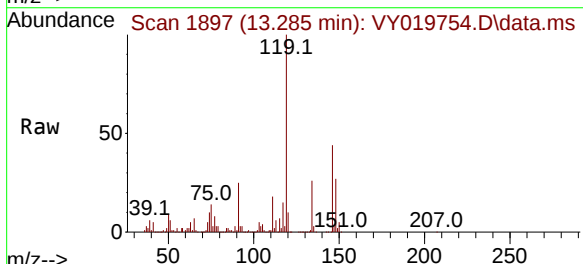
Tgt Ion:119 Resp: 695827

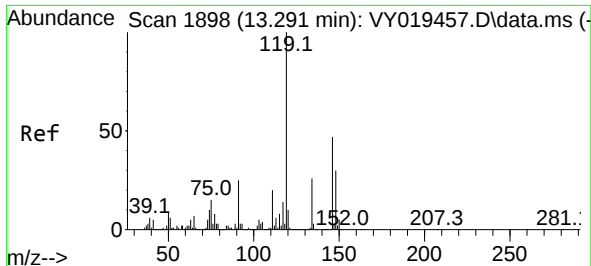
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

91 24.8 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 52.696 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

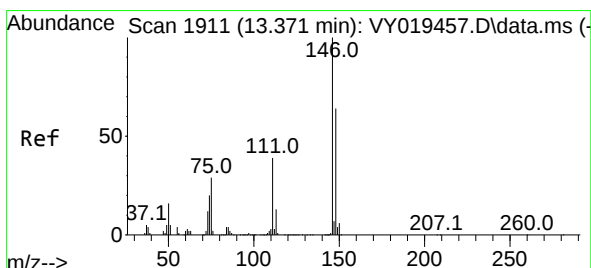
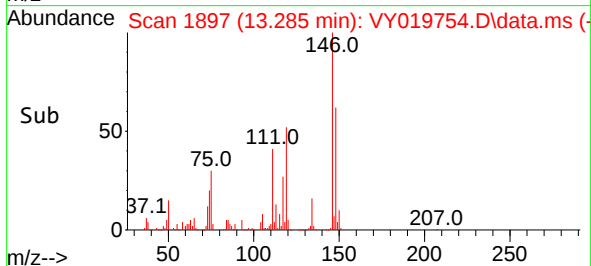
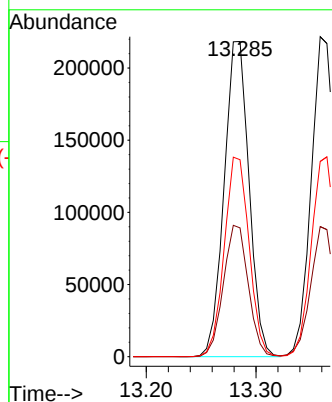
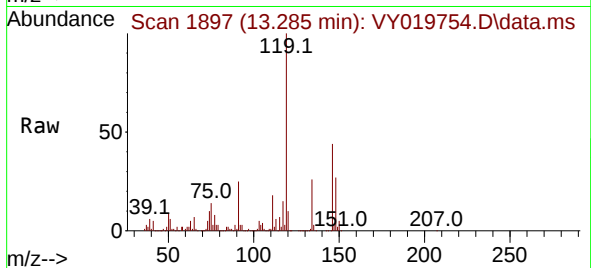
Tgt Ion:146 Resp: 344772

Ion Ratio Lower Upper

146 100

111 41.7 19.0 57.0

148 63.1 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 52.827 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.012 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

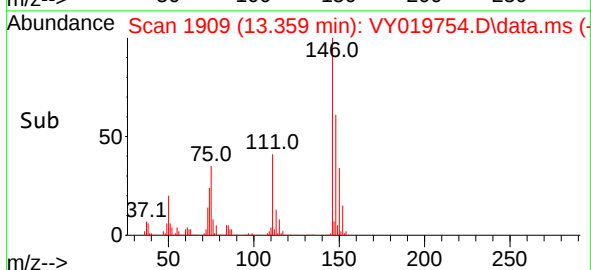
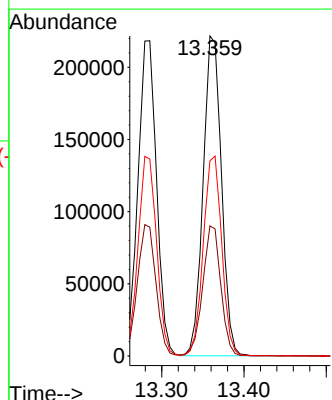
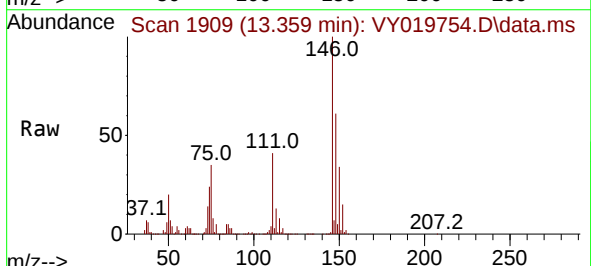
Tgt Ion:146 Resp: 343012

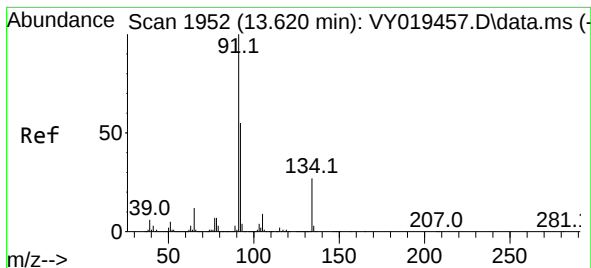
Ion Ratio Lower Upper

146 100

111 40.2 18.4 55.4

148 63.1 32.4 97.2





#89

n-Butylbenzene

Concen: 52.133 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

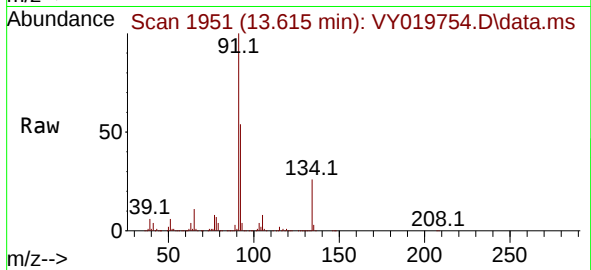
Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :



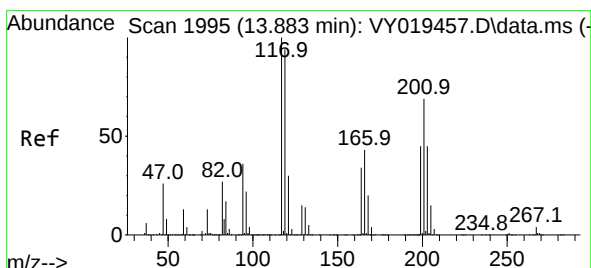
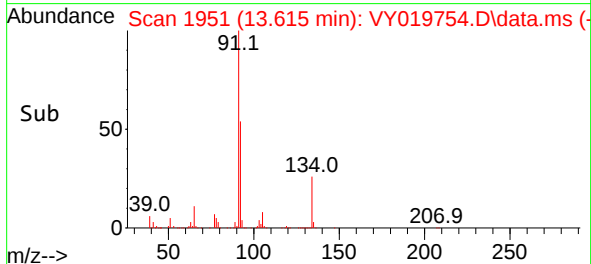
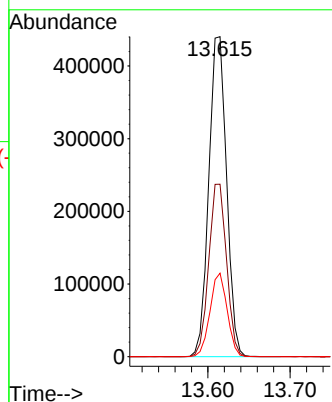
Tgt Ion: 91 Resp: 661860

Ion Ratio Lower Upper

91 100

92 53.9 26.6 79.7

134 25.2 12.9 38.7



#90

Hexachloroethane

Concen: 51.441 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019754.D

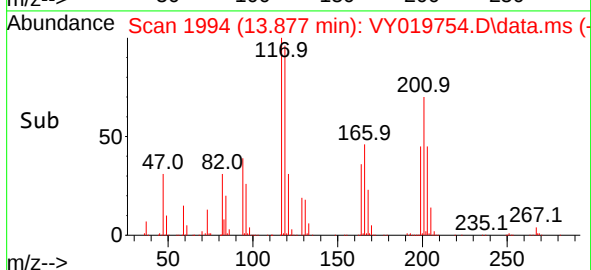
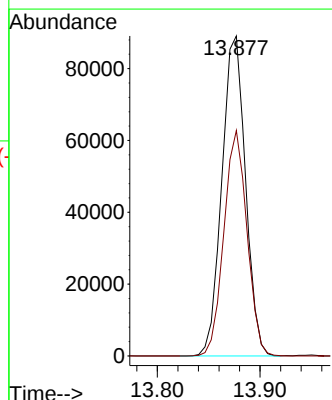
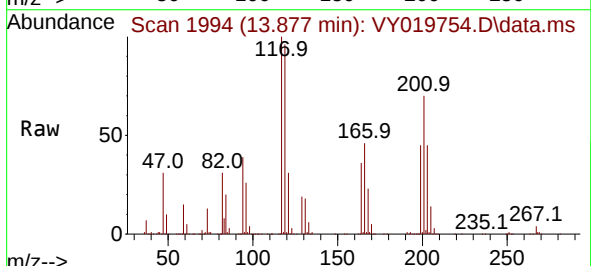
Acq: 01 Oct 2024 20:17

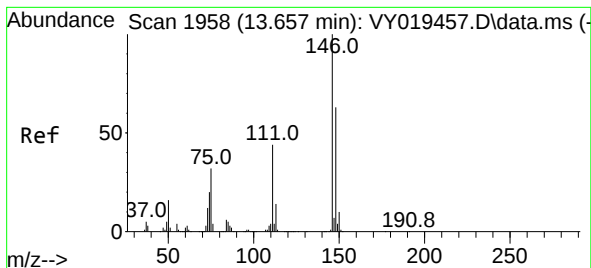
Tgt Ion: 117 Resp: 142142

Ion Ratio Lower Upper

117 100

201 68.8 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.071 ug/l

RT: 13.651 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

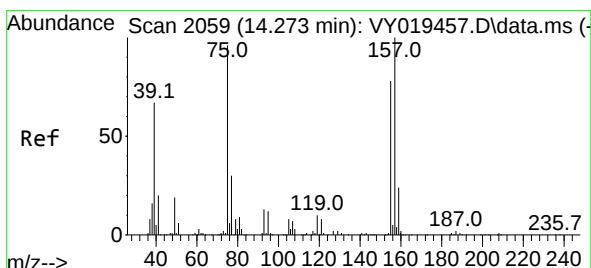
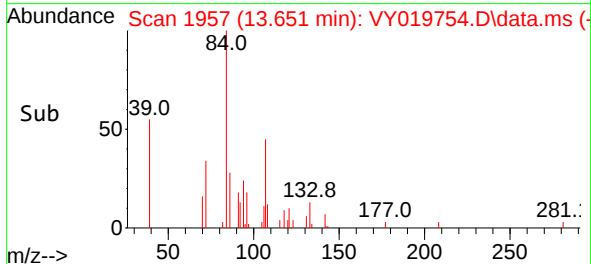
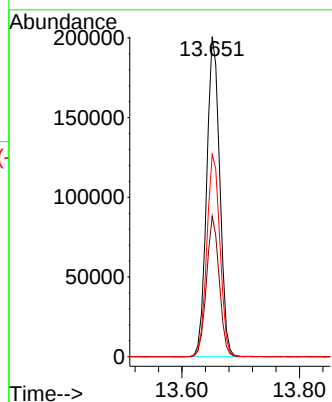
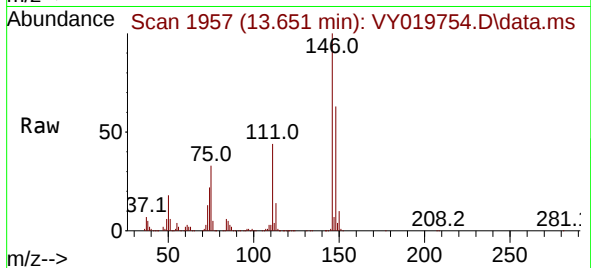
Tgt Ion:146 Resp: 309849

Ion Ratio Lower Upper

146 100

111 42.8 19.9 59.7

148 63.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.908 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

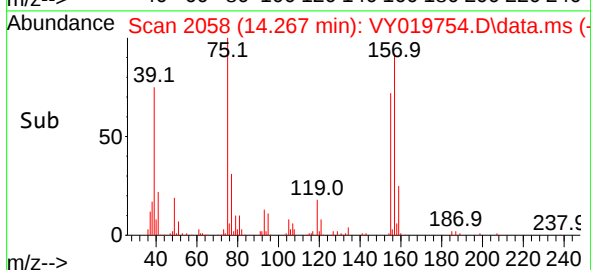
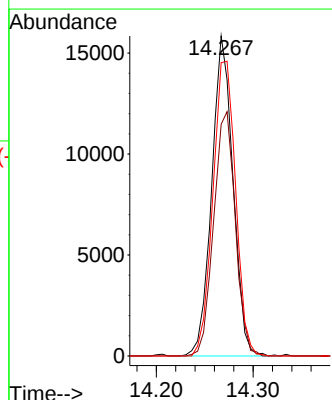
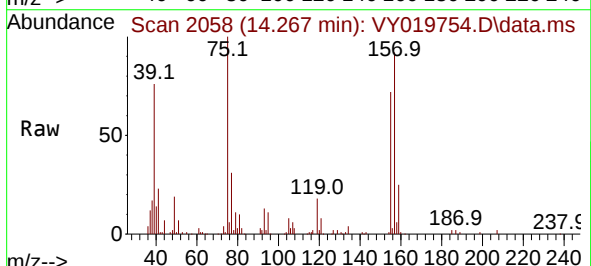
Tgt Ion: 75 Resp: 24210

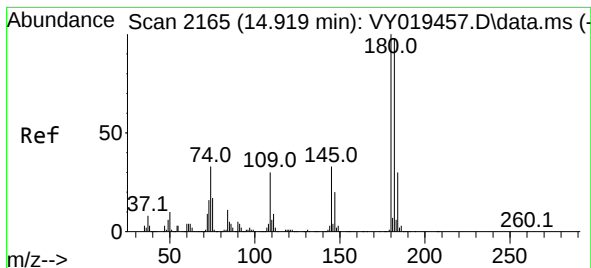
Ion Ratio Lower Upper

75 100

155 77.5 48.6 145.8

157 98.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.045 ug/l

RT: 14.913 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

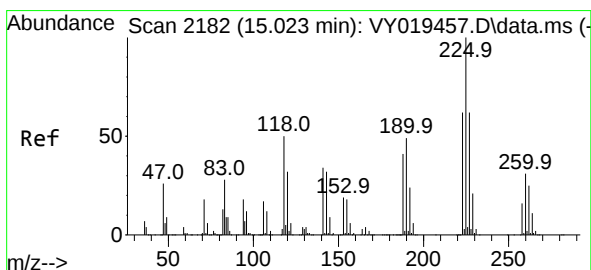
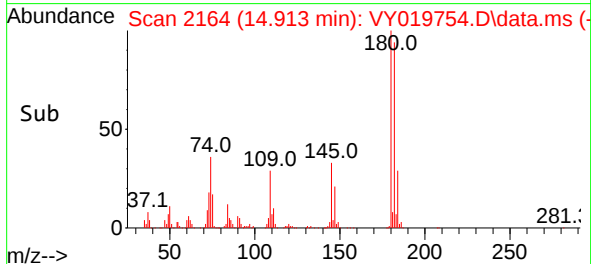
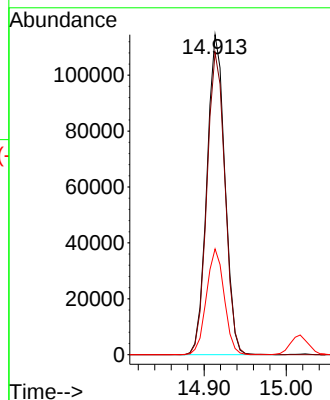
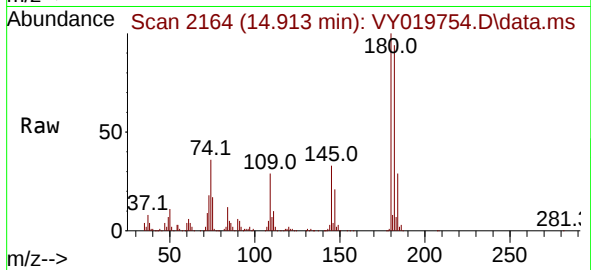
Tgt Ion:180 Resp: 174155

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.8

145 32.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 50.169 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

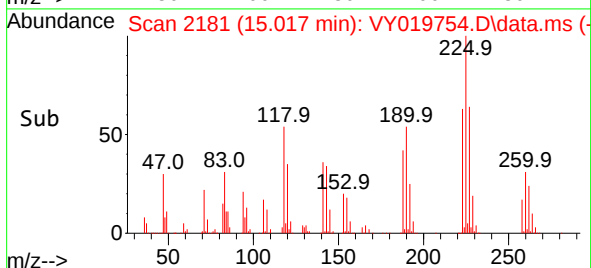
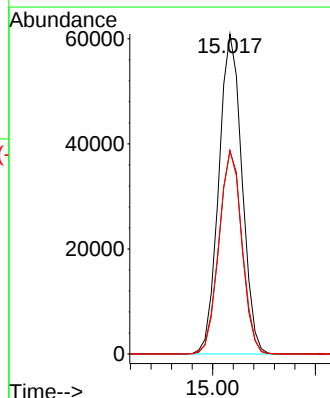
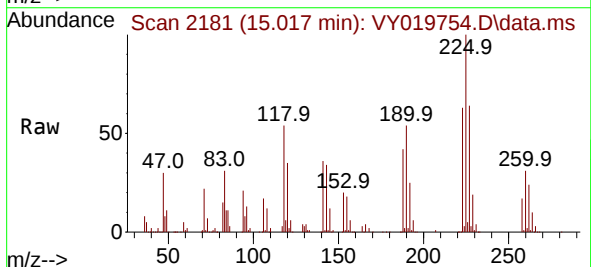
Tgt Ion:225 Resp: 95170

Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 63.2 31.9 95.9





#95

Naphthalene

Concen: 50.754 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Instrument :

MSVOA_Y

ClientSampleId :

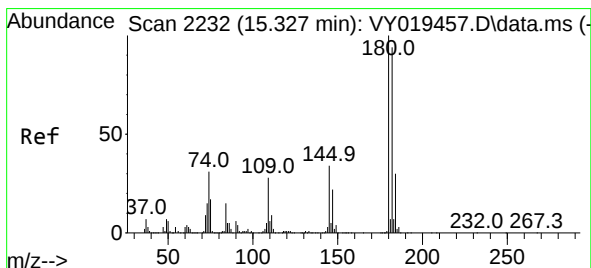
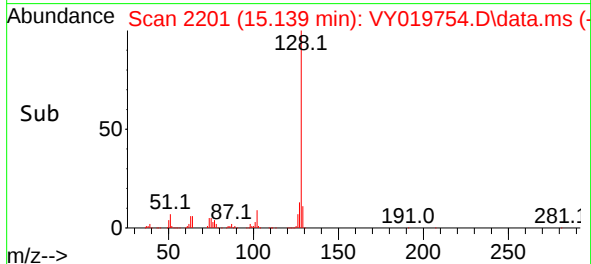
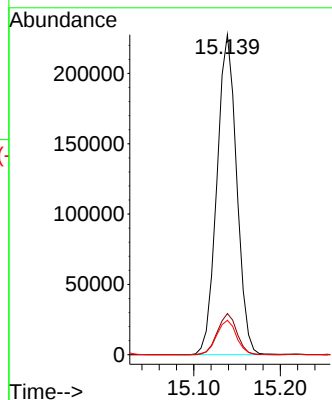
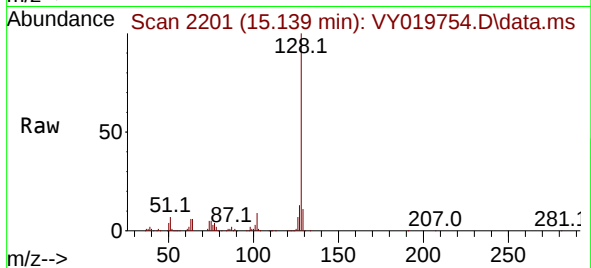
Tgt Ion:128 Resp: 360916

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 49.281 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019754.D

Acq: 01 Oct 2024 20:17

Tgt Ion:180 Resp: 149684

Ion Ratio Lower Upper

180 100

182 95.7 47.6 142.9

145 34.4 15.4 46.1

