

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019597.D
 Acq On : 18 Sep 2024 11:38
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:23:18 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	366868	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	622665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	521529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	239375	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165511	48.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.440%
35) Dibromofluoromethane	7.634	113	168809	47.816	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.640%
50) Toluene-d8	10.109	98	629737	48.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.408	95	220460	43.908	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	87.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	54207	24.985	ug/l	96
3) Chloromethane	2.074	50	63729	20.996	ug/l	99
4) Vinyl Chloride	2.208	62	75158	22.899	ug/l	97
5) Bromomethane	2.592	94	50845	25.220	ug/l	99
6) Chloroethane	2.733	64	51054	23.795	ug/l	97
7) Trichlorofluoromethane	3.062	101	123683	22.606	ug/l	98
8) Diethyl Ether	3.452	74	35136	19.132	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.812	101	74309	21.955	ug/l	95
10) Methyl Iodide	4.001	142	77457	17.850	ug/l	91
11) Tert butyl alcohol	4.848	59	32332	117.852	ug/l	# 82
12) 1,1-Dichloroethene	3.787	96	67011	20.588	ug/l	86
13) Acrolein	3.653	56	17579	125.993	ug/l	98
14) Allyl chloride	4.385	41	109638	18.783	ug/l	# 94
15) Acrylonitrile	5.055	53	76860	97.061	ug/l	98
16) Acetone	3.866	43	85381	105.498	ug/l	# 84
17) Carbon Disulfide	4.104	76	157997	17.966	ug/l	99
18) Methyl Acetate	4.379	43	36326	16.540	ug/l	89
19) Methyl tert-butyl Ether	5.110	73	185064	20.075	ug/l	97
20) Methylene Chloride	4.616	84	78879	21.371	ug/l	87
21) trans-1,2-Dichloroethene	5.110	96	72087	20.206	ug/l	89
22) Diisopropyl ether	6.012	45	246309	20.549	ug/l	91
23) Vinyl Acetate	5.951	43	684846	100.028	ug/l	# 93
24) 1,1-Dichloroethane	5.909	63	142831	21.235	ug/l	96
25) 2-Butanone	6.890	43	119251	103.602	ug/l	90
26) 2,2-Dichloropropane	6.878	77	135638	22.356	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	89819	20.726	ug/l	87
28) Bromochloromethane	7.244	49	55879	19.745	ug/l	86
29) Tetrahydrofuran	7.262	42	63139	90.217	ug/l	88
30) Chloroform	7.421	83	149236	21.735	ug/l	100
31) Cyclohexane	7.701	56	119402	19.639	ug/l	93
32) 1,1,1-Trichloroethane	7.610	97	134091	21.788	ug/l	97
36) 1,1-Dichloropropene	7.829	75	100442	20.909	ug/l	97
37) Ethyl Acetate	6.982	43	47520	19.306	ug/l	97
38) Carbon Tetrachloride	7.817	117	115527	21.326	ug/l	100
39) Methylcyclohexane	9.109	83	128943	20.170	ug/l	# 91
40) Benzene	8.079	78	307865	20.807	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	27040	18.846	ug/l #	85
42) 1,2-Dichloroethane	8.158	62	83777	21.042	ug/l	96
43) Isopropyl Acetate	8.195	43	97370	18.829	ug/l #	80
44) Trichloroethene	8.866	130	77324	20.320	ug/l	92
45) 1,2-Dichloropropane	9.140	63	75311	20.820	ug/l	100
46) Dibromomethane	9.231	93	40253	20.349	ug/l	94
47) Bromodichloromethane	9.420	83	112128	21.087	ug/l	97
48) Methyl methacrylate	9.219	41	41711	17.081	ug/l	86
49) 1,4-Dioxane	9.231	88	8612	369.824	ug/l #	91
51) 4-Methyl-2-Pentanone	10.000	43	245224	94.260	ug/l	91
52) Toluene	10.170	92	197637	20.769	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	98711	19.474	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	118309	20.045	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	55572	20.343	ug/l	92
56) Ethyl methacrylate	10.438	69	77498	18.676	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	96196	20.486	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	184185	95.633	ug/l	98
59) 2-Hexanone	10.762	43	182584	95.729	ug/l	89
60) Dibromochloromethane	10.914	129	72842	20.158	ug/l	100
61) 1,2-Dibromoethane	11.018	107	48888	19.208	ug/l	97
64) Tetrachloroethene	10.646	164	67446	20.884	ug/l	93
65) Chlorobenzene	11.444	112	218891	21.337	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	75009	21.118	ug/l	99
67) Ethyl Benzene	11.518	91	387244	21.244	ug/l	100
68) m/p-Xylenes	11.627	106	291376	42.274	ug/l	93
69) o-Xylene	11.956	106	140346	20.821	ug/l	93
70) Styrene	11.969	104	234099	20.570	ug/l	97
71) Bromoform	12.133	173	39279	19.361	ug/l #	97
73) Isopropylbenzene	12.255	105	381701	21.980	ug/l	100
74) N-amyl acetate	12.072	43	90599	19.183	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	64405	20.895	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	81702	36.415	ug/l #	100
77) Bromobenzene	12.530	156	80500	20.901	ug/l	89
78) n-propylbenzene	12.597	91	458742	22.287	ug/l	99
79) 2-Chlorotoluene	12.682	91	259782	21.657	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	306993	21.745	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	21904	18.742	ug/l	93
82) 4-Chlorotoluene	12.780	91	268625	21.782	ug/l	95
83) tert-Butylbenzene	12.999	119	288967	22.610	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	305243	21.843	ug/l	97
85) sec-Butylbenzene	13.176	105	417742	22.499	ug/l	100
86) p-Isopropyltoluene	13.292	119	340634	22.424	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	161979	21.643	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	162119	21.827	ug/l	97
89) n-Butylbenzene	13.615	91	322690	22.220	ug/l	99
90) Hexachloroethane	13.877	117	68903	21.800	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	143396	21.471	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	9669	18.822	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	79232	19.506	ug/l	97
94) Hexachlorobutadiene	15.023	225	45173	20.818	ug/l	98
95) Naphthalene	15.145	128	145359	17.870	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	65005	18.710	ug/l	98

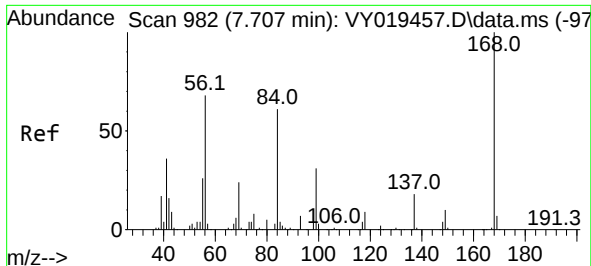
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Response via : Initial Calibration

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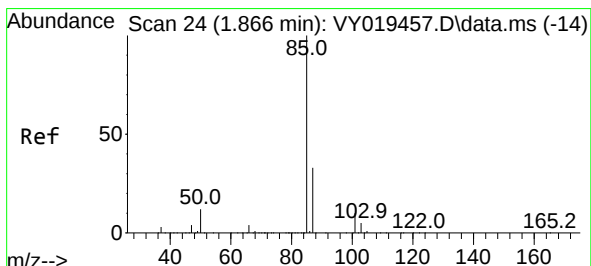
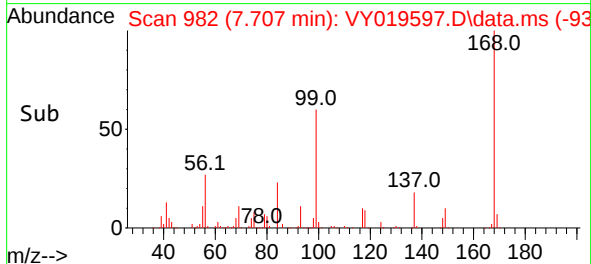
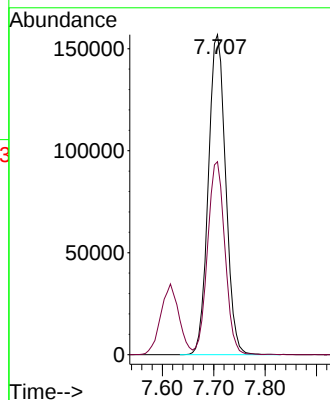
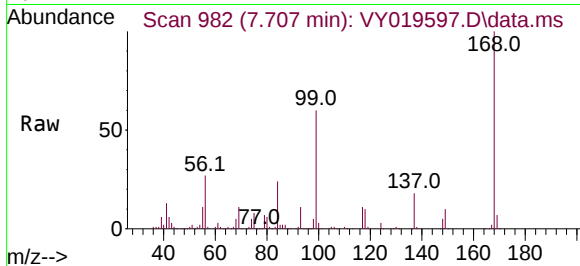
(#) = qualifier out of range (m) = manual integration (+) = signals summed



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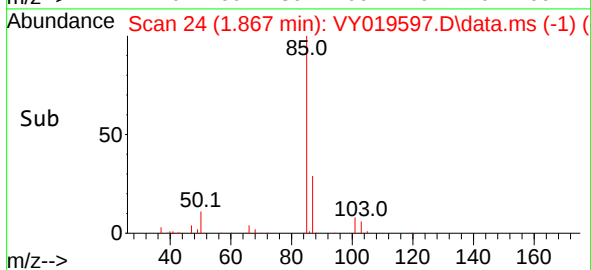
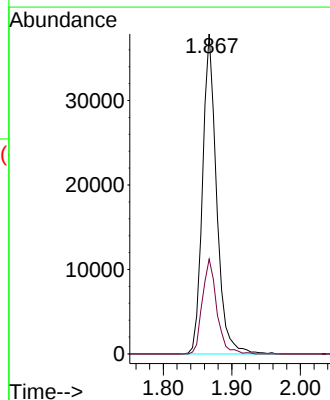
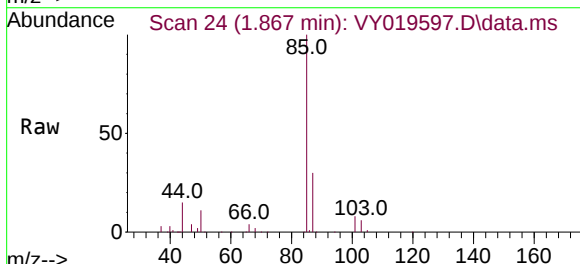
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MSVOA_Y
ClientSampleId :

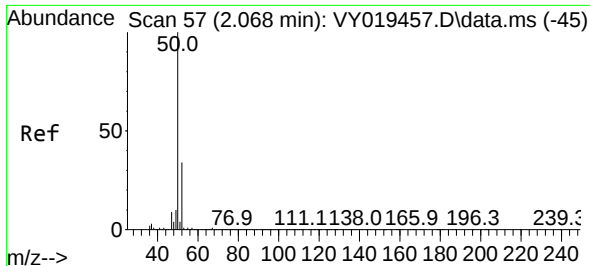
Tgt Ion:168 Resp: 366868
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 24.985 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 85 Resp: 54207
Ion Ratio Lower Upper
85 100
87 29.6 16.0 48.0

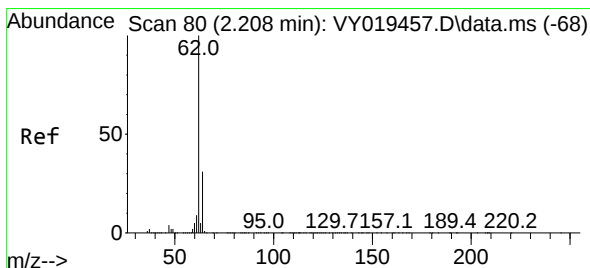
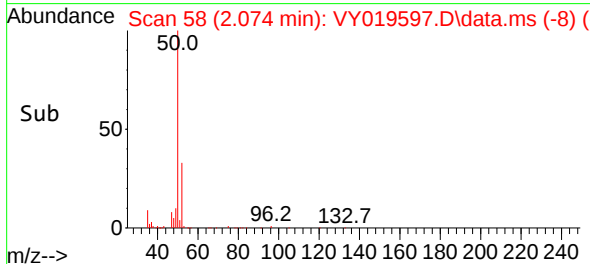
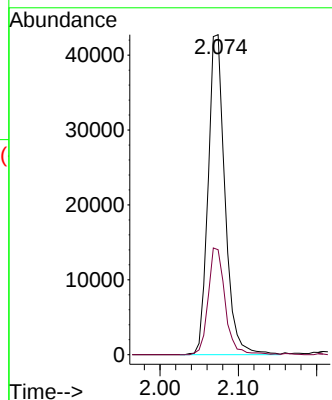
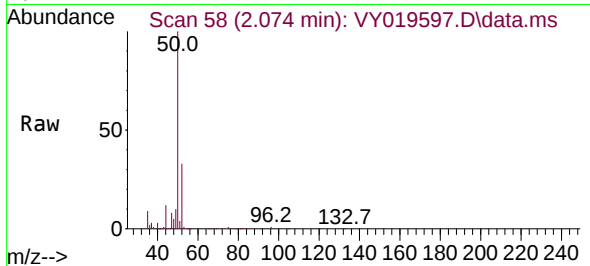




#3
Chloromethane
Concen: 20.996 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

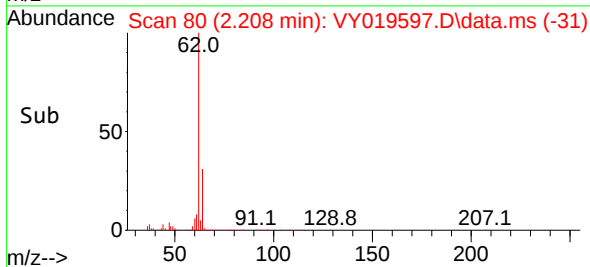
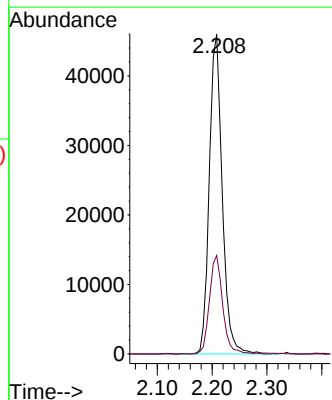
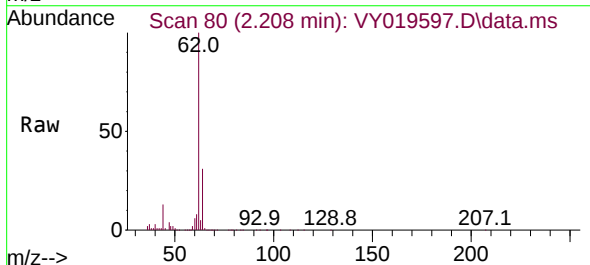
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 63729
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4



#4
Vinyl Chloride
Concen: 22.899 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 62 Resp: 75158
Ion Ratio Lower Upper
62 100
64 30.7 26.1 39.1

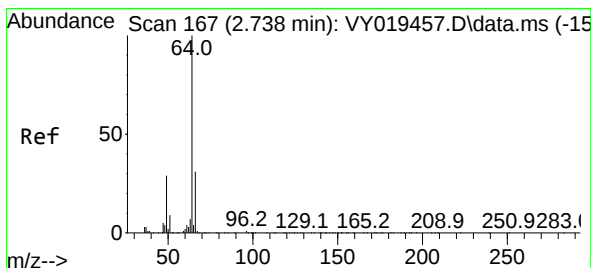
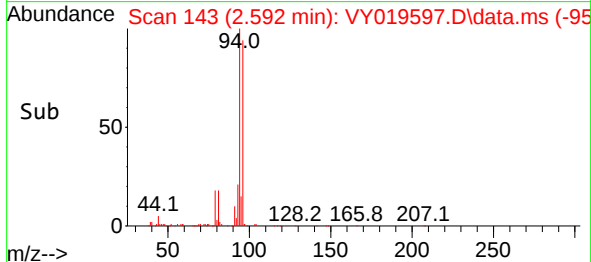
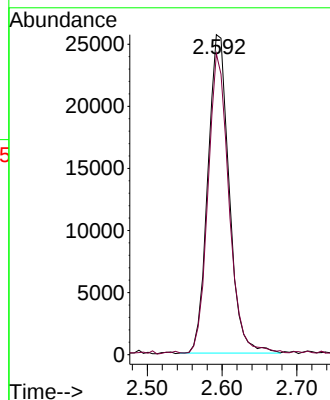
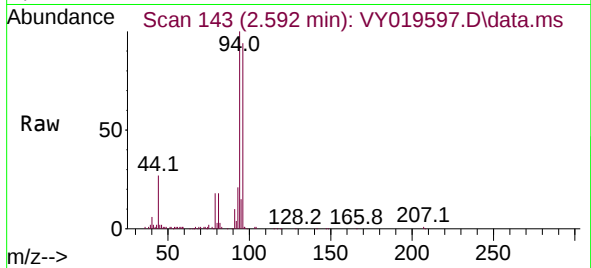




#5
Bromomethane
Concen: 25.220 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

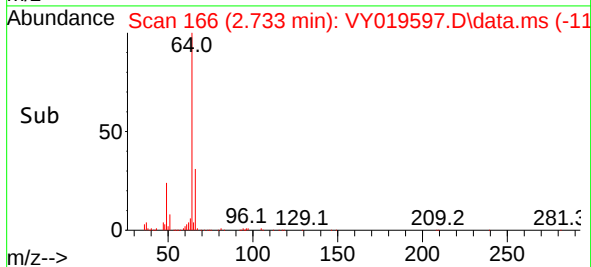
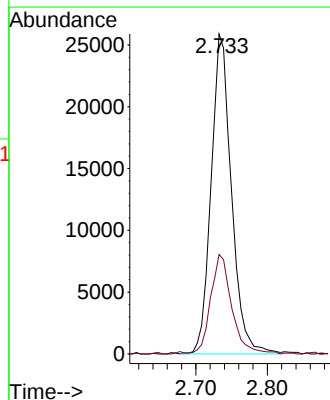
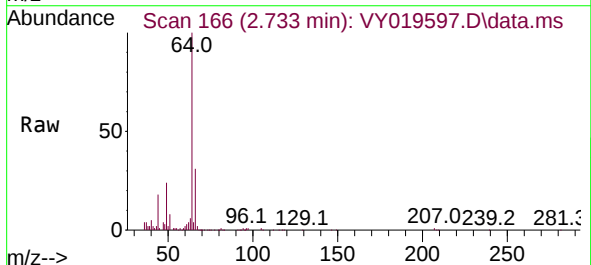
Instrument :
MSVOA_Y
ClientSampleId :

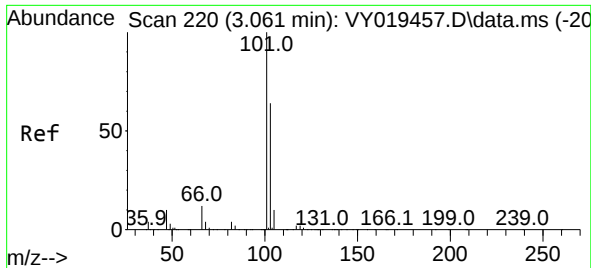
Tgt Ion: 94 Resp: 50845
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 23.795 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

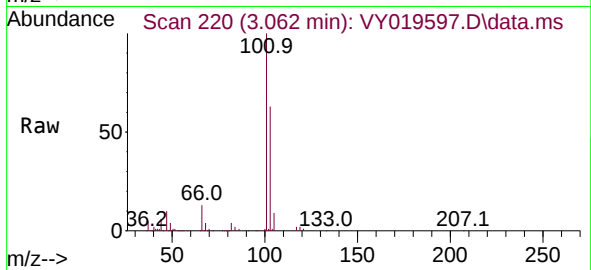
Tgt Ion: 64 Resp: 51054
Ion Ratio Lower Upper
64 100
66 31.1 26.1 39.1



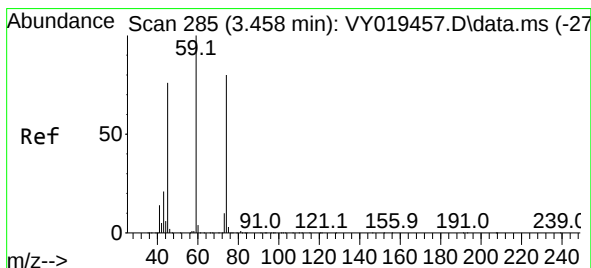
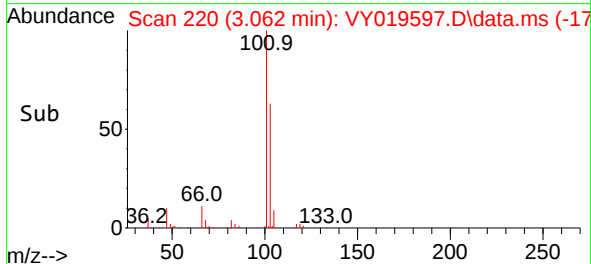
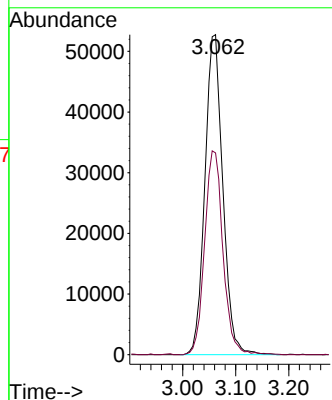


#7
 Trichlorofluoromethane
 Concen: 22.606 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019597.D
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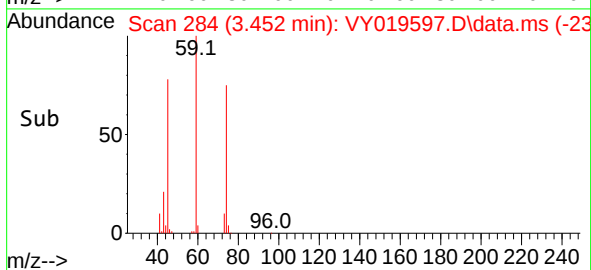
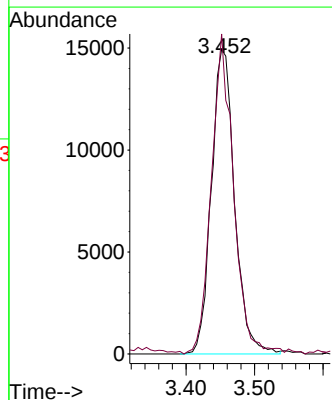
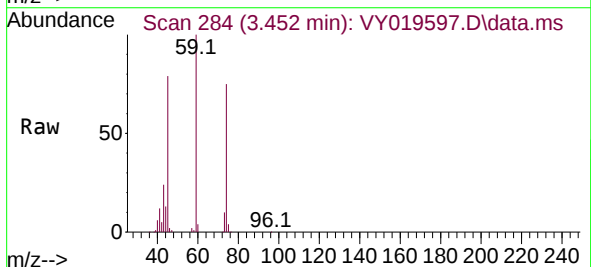


Tgt Ion:101 Resp: 123683
 Ion Ratio Lower Upper
 101 100
 103 63.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.132 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

Tgt Ion: 74 Resp: 35136
 Ion Ratio Lower Upper
 74 100
 45 100.0 41.3 124.1

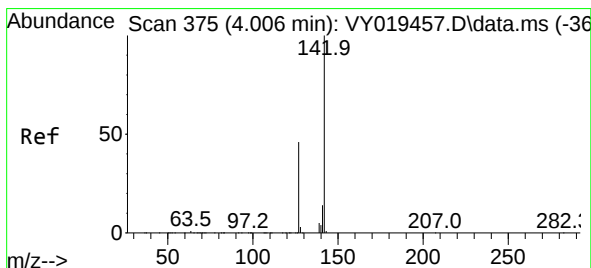
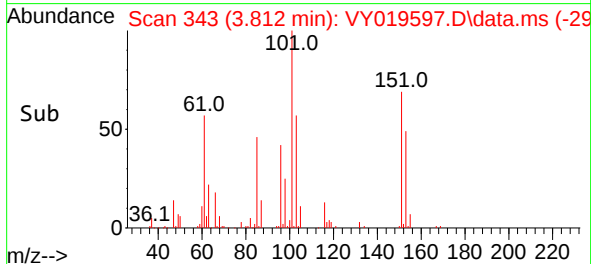
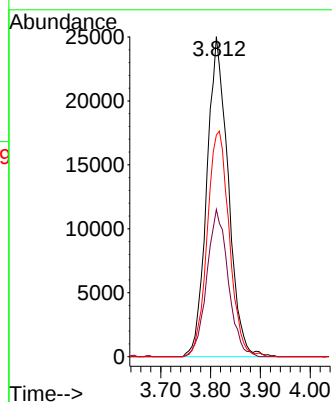
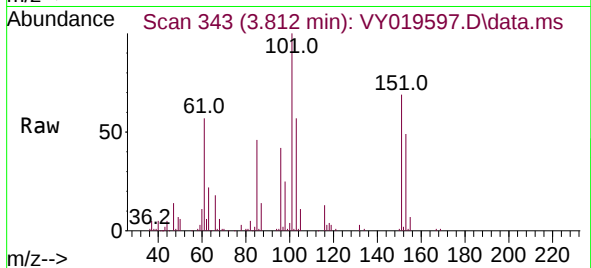




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.955 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
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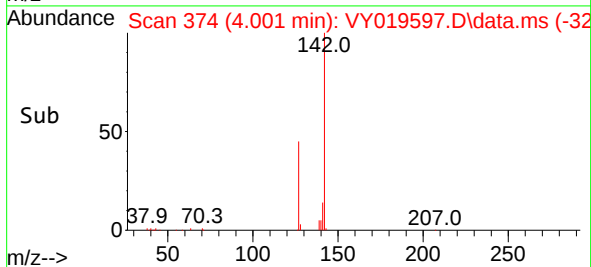
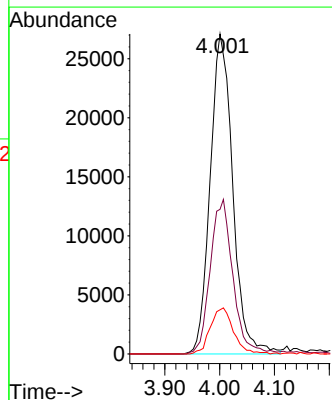
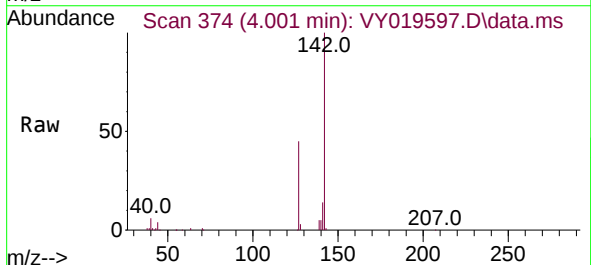
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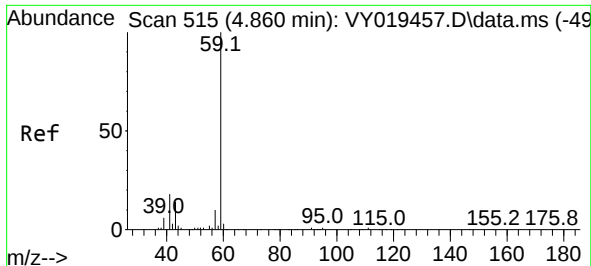
Tgt Ion:101 Resp: 74309
Ion Ratio Lower Upper
101 100
85 46.1 34.5 51.7
151 72.9 61.7 92.5



#10
Methyl Iodide
Concen: 17.850 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion:142 Resp: 77457
Ion Ratio Lower Upper
142 100
127 48.3 32.8 49.2
141 14.7 11.4 17.2

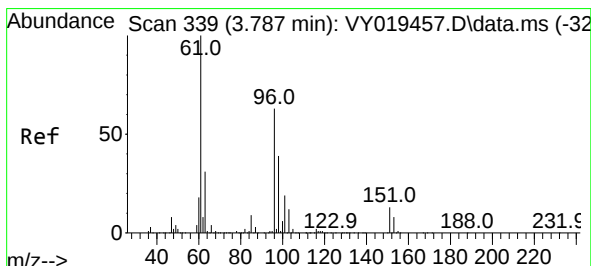
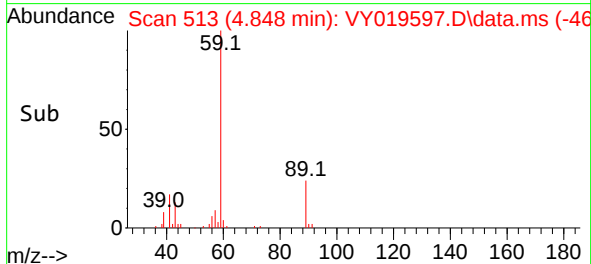
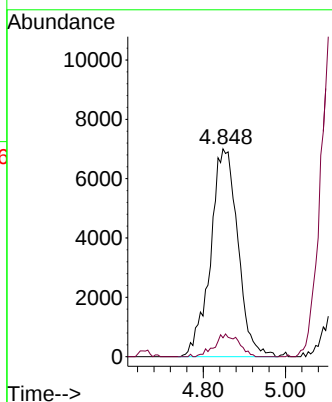
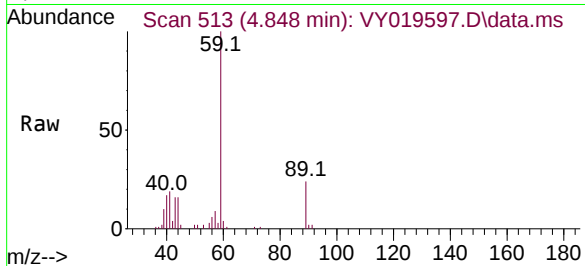




#11
Tert butyl alcohol
Concen: 117.852 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

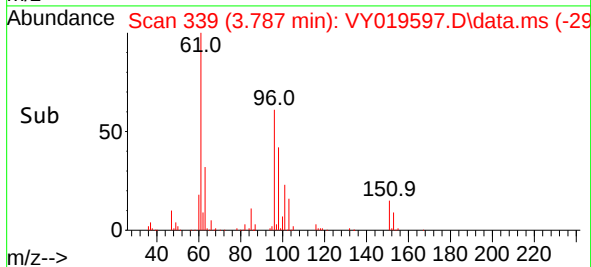
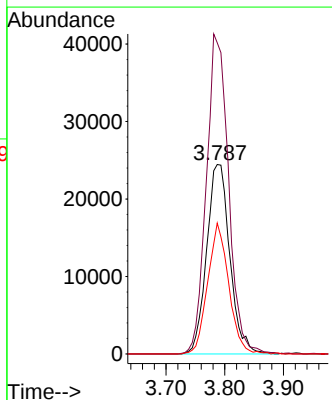
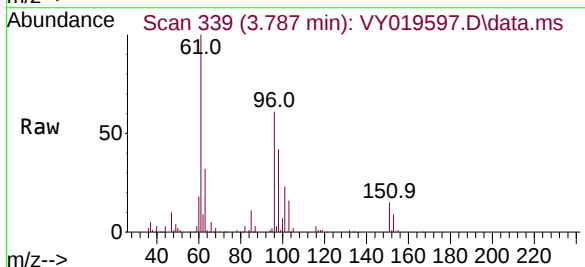
Instrument :
MSVOA_Y
ClientSampleId :

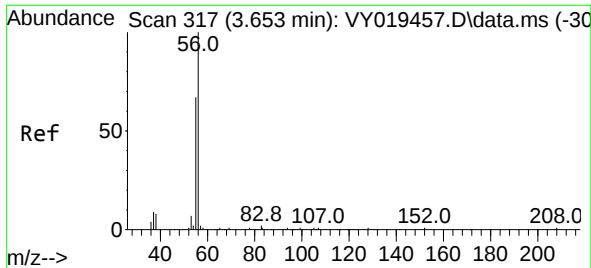
Tgt Ion: 59 Resp: 32332
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.588 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 96 Resp: 67011
Ion Ratio Lower Upper
96 100
61 164.2 114.6 171.8
98 69.1 50.8 76.2

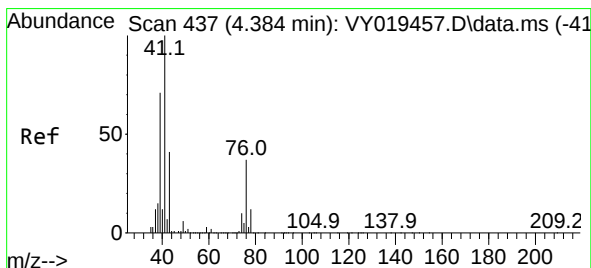
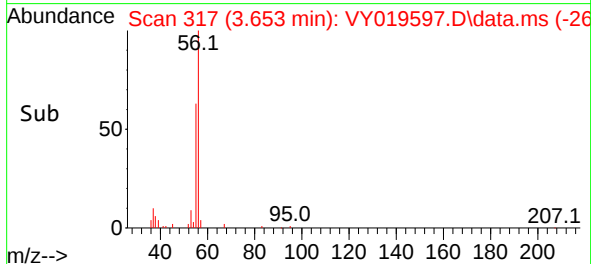
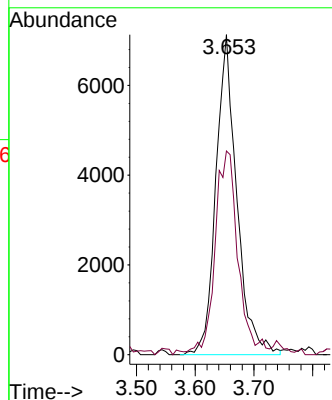
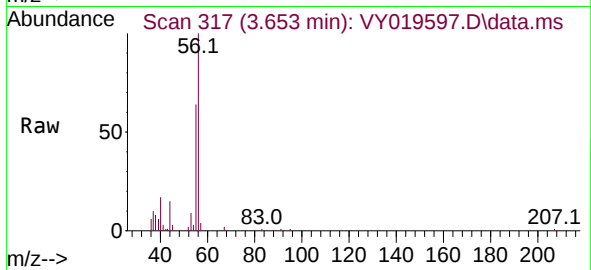




#13
Acrolein
Concen: 125.993 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

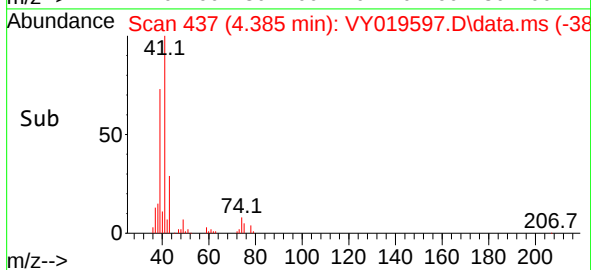
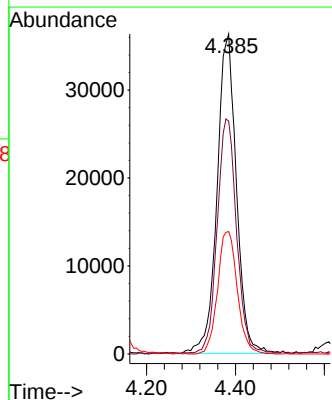
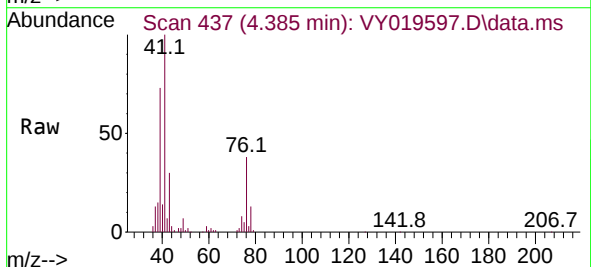
Instrument :
MSVOA_Y
ClientSampleId :

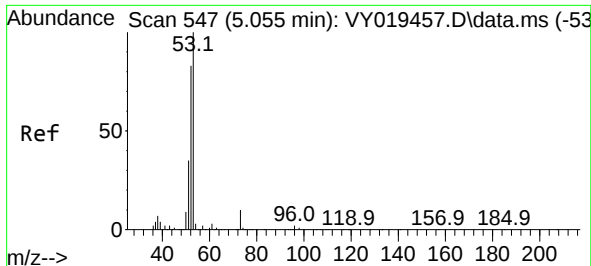
Tgt Ion: 56 Resp: 17579
Ion Ratio Lower Upper
56 100
55 68.3 55.7 83.5



#14
Allyl chloride
Concen: 18.783 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 41 Resp: 109638
Ion Ratio Lower Upper
41 100
39 73.5 58.3 87.5
76 39.0 39.0 58.6#

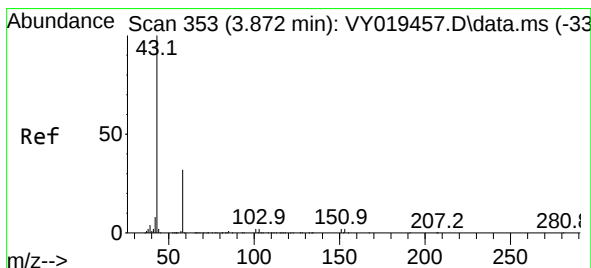
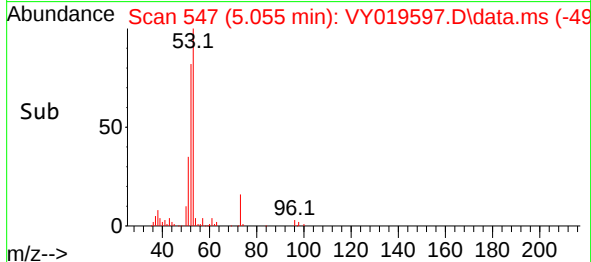
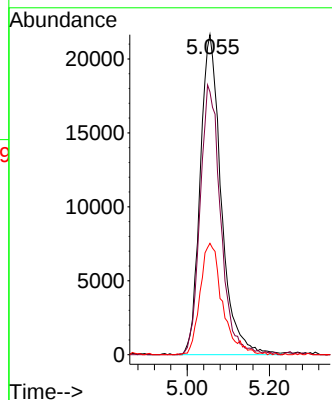
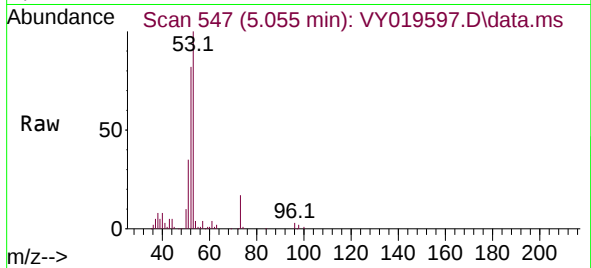




#15
Acrylonitrile
Concen: 97.061 ug/l
RT: 5.055 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

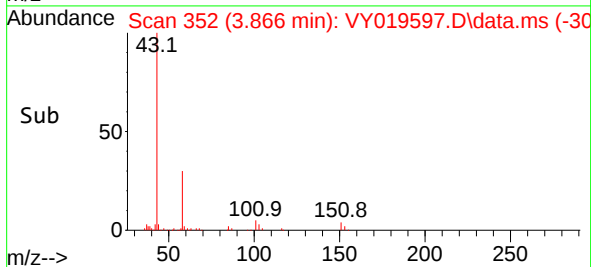
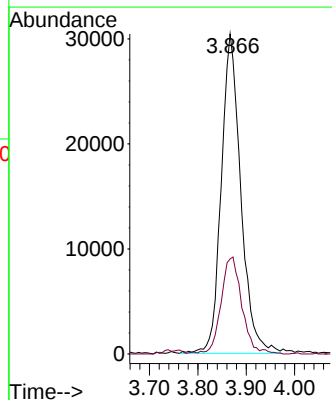
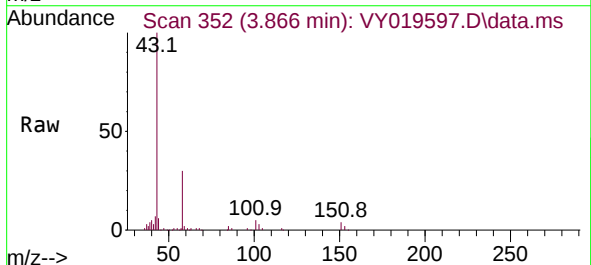
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	53	Resp:	76860
Ion	Ratio	Lower	Upper
53	100		
52	82.1	64.7	97.1
51	36.7	28.4	42.6



#16
Acetone
Concen: 105.498 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion:	43	Resp:	85381
Ion	Ratio	Lower	Upper
43	100		
58	29.5	31.7	47.5#

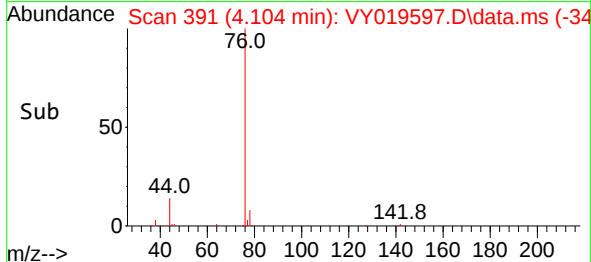
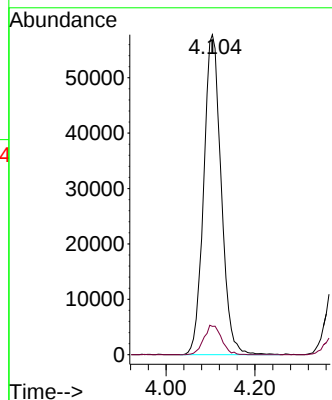
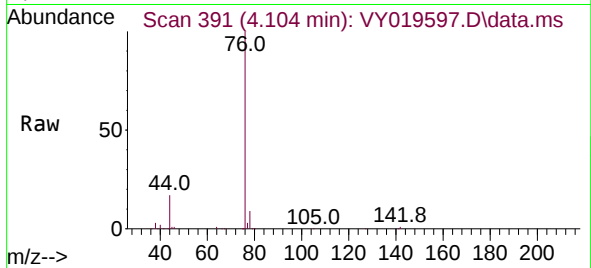




#17
Carbon Disulfide
Concen: 17.966 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

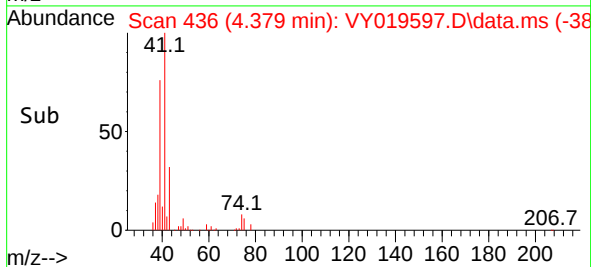
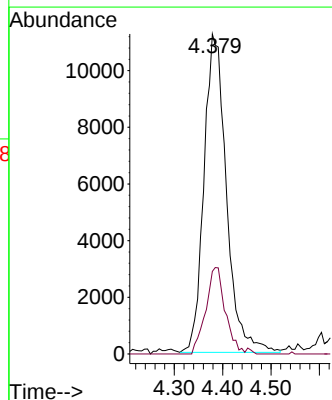
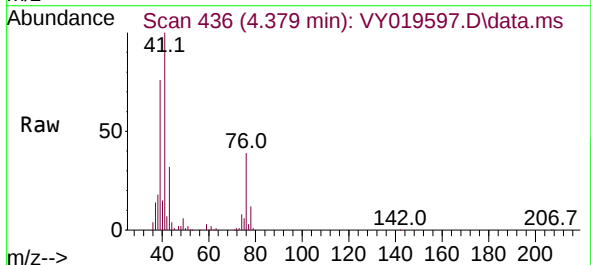
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 76 Resp: 157997
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 16.540 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 43 Resp: 36326
Ion Ratio Lower Upper
43 100
74 23.5 23.3 34.9

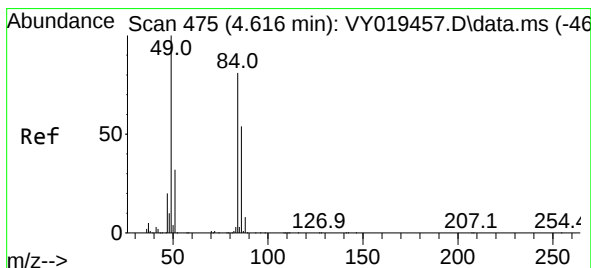
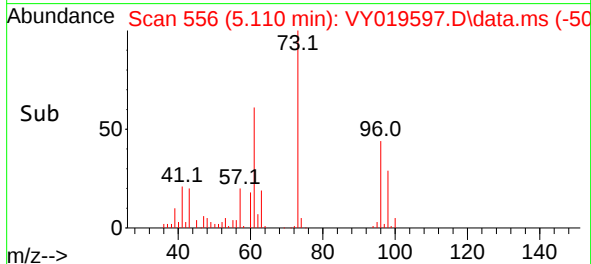
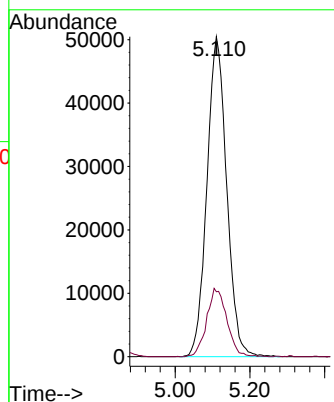
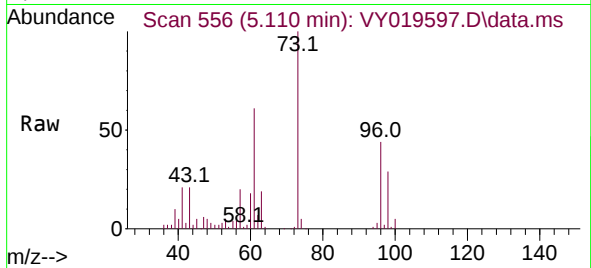




#19
Methyl tert-butyl Ether
Concen: 20.075 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

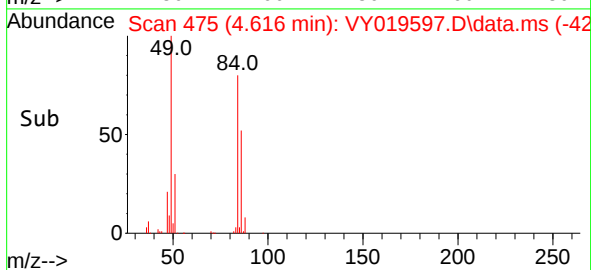
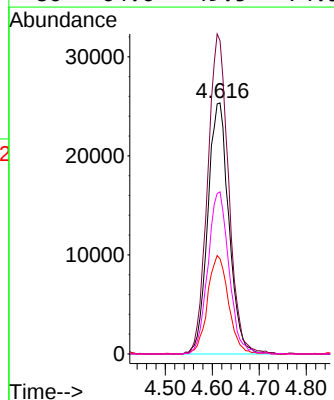
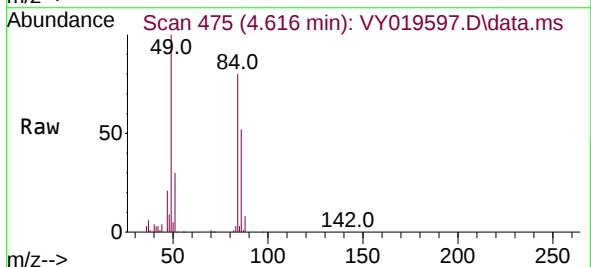
Instrument :
MSVOA_Y
ClientSampleId :

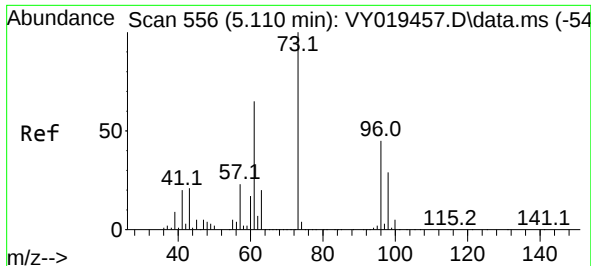
Tgt Ion: 73 Resp: 185064
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 21.371 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 84 Resp: 78879
Ion Ratio Lower Upper
84 100
49 124.8 84.4 126.6
51 37.9 26.0 39.0
86 64.6 49.5 74.3

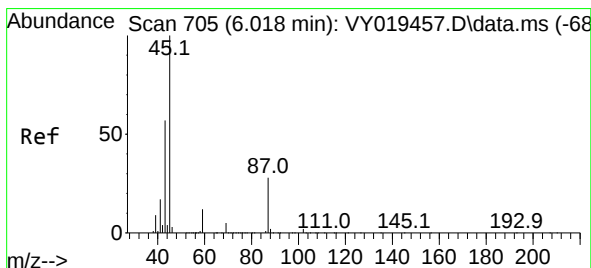
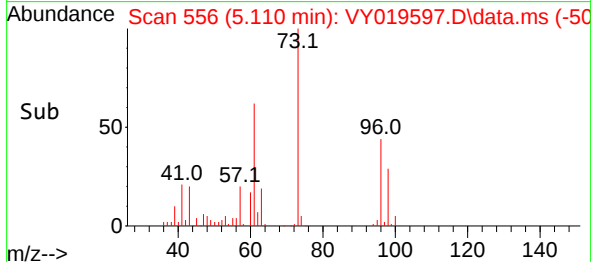
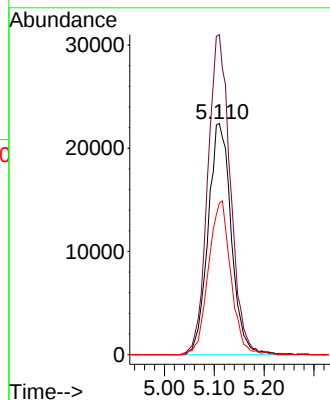
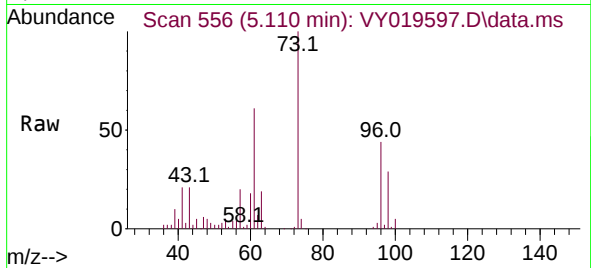




#21
trans-1,2-Dichloroethene
Concen: 20.206 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

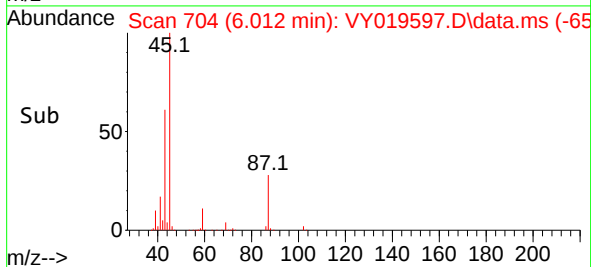
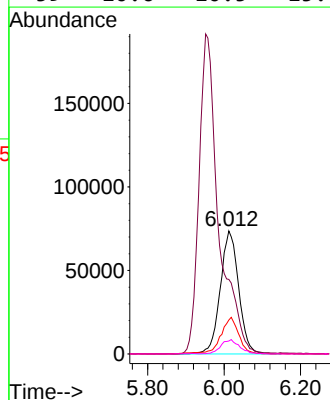
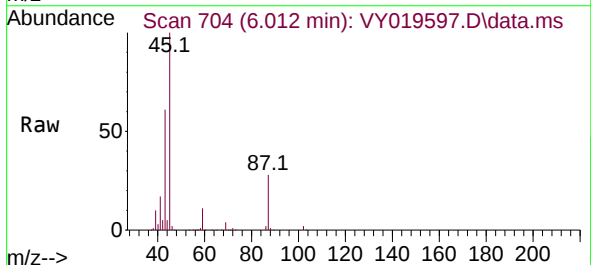
Instrument :
MSVOA_Y
ClientSampleId :

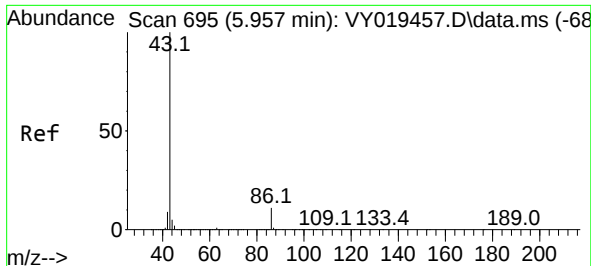
Tgt Ion: 96 Resp: 72087
Ion Ratio Lower Upper
96 100
61 138.4 97.5 146.3
98 65.6 50.5 75.7



#22
Diisopropyl ether
Concen: 20.549 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 45 Resp: 246309
Ion Ratio Lower Upper
45 100
43 60.3 42.2 63.2
87 27.4 25.0 37.6
59 10.6 10.5 15.7

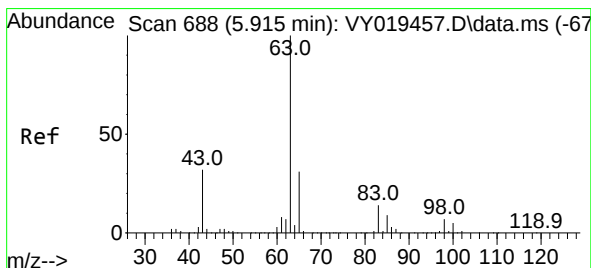
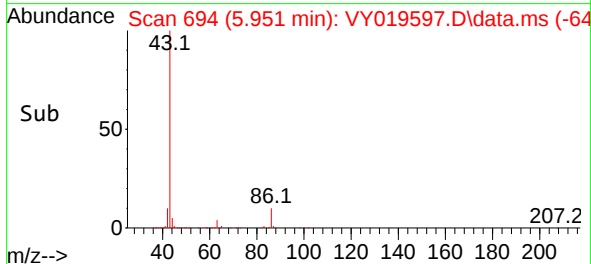
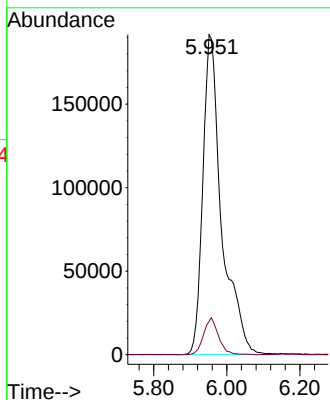
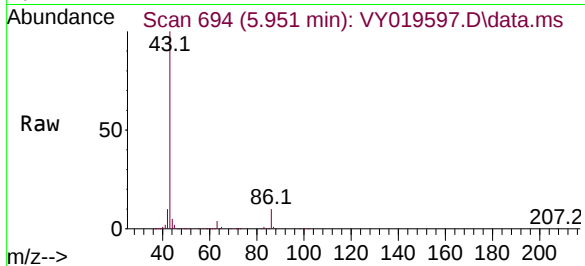




#23
 Vinyl Acetate
 Concen: 100.028 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

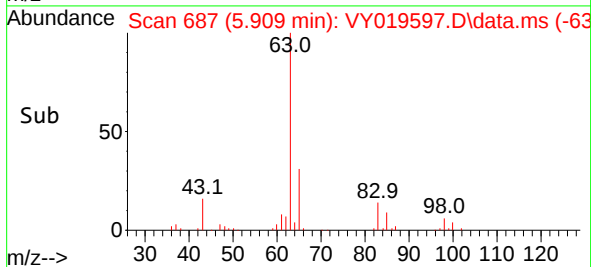
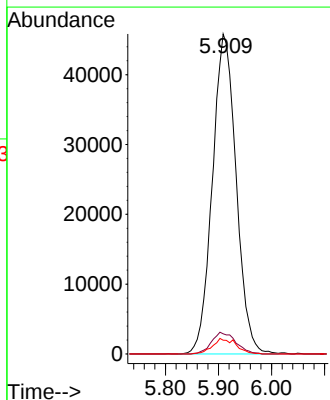
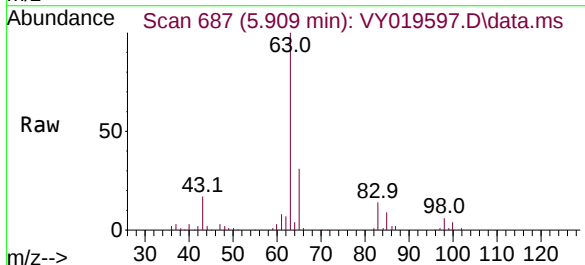
Instrument :
 MSVOA_Y
 ClientSampleId :

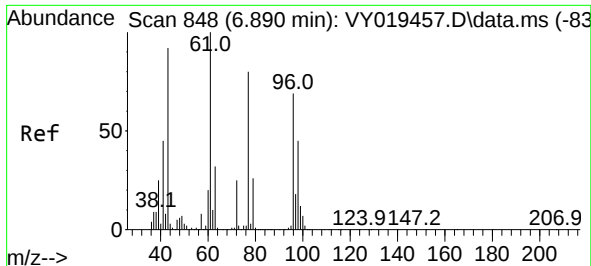
Tgt Ion: 43 Resp: 684846
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.235 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

Tgt Ion: 63 Resp: 142831
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.0 12.2
 100 4.3 2.6 8.0





#25

2-Butanone

Concen: 103.602 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

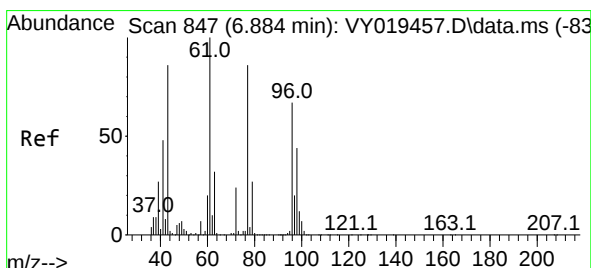
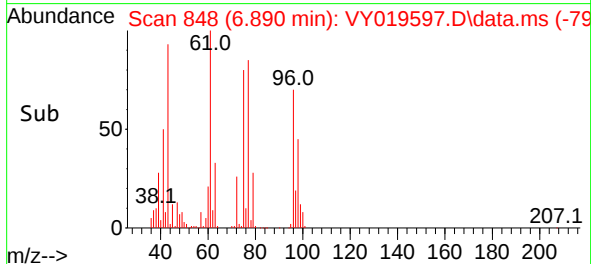
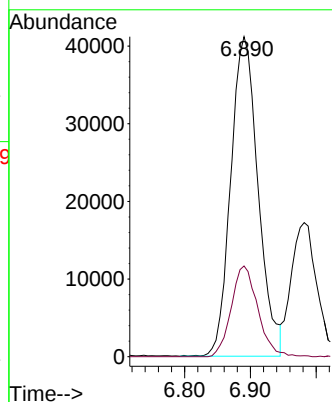
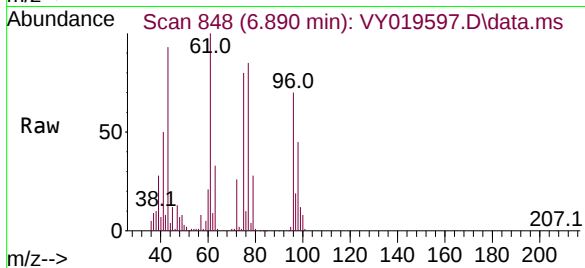
ClientSampleId :

Tgt Ion: 43 Resp: 119251

Ion Ratio Lower Upper

43 100

72 28.4 27.3 40.9



#26

2,2-Dichloropropane

Concen: 22.356 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019597.D

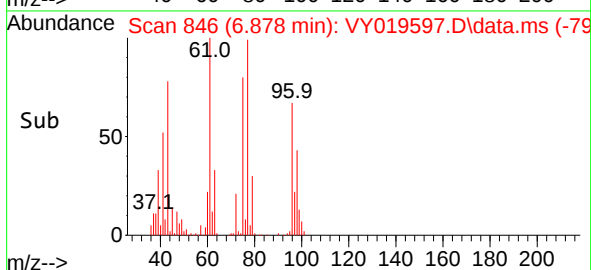
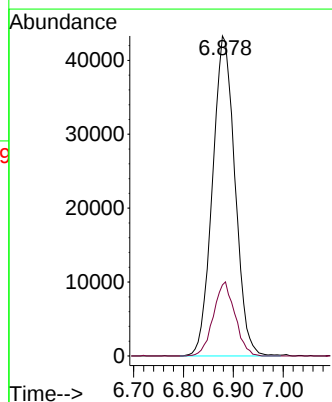
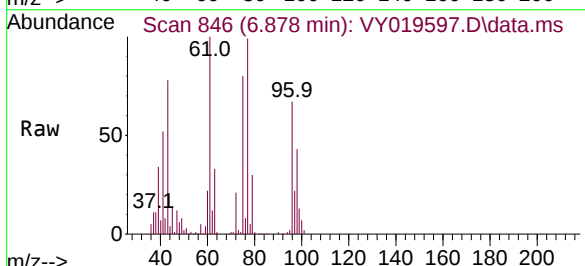
Acq: 18 Sep 2024 11:38

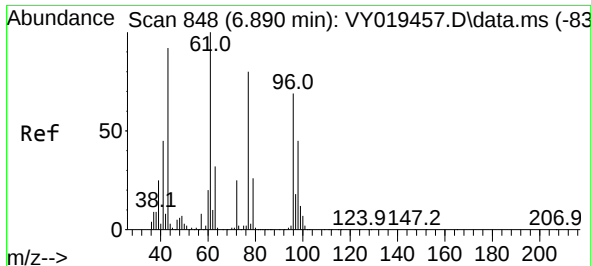
Tgt Ion: 77 Resp: 135638

Ion Ratio Lower Upper

77 100

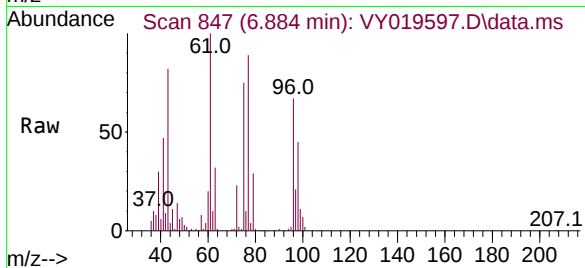
97 22.2 12.0 36.1





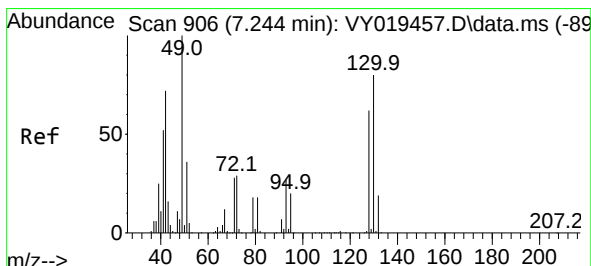
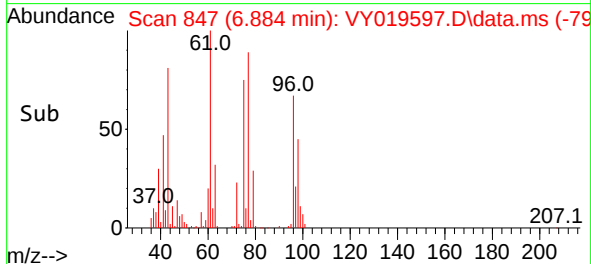
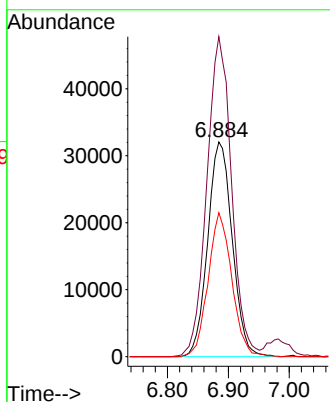
#27
 cis-1,2-Dichloroethene
 Concen: 20.726 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 89819

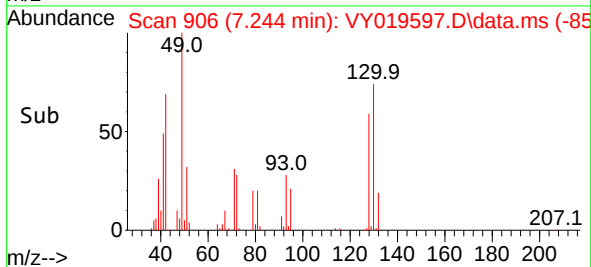
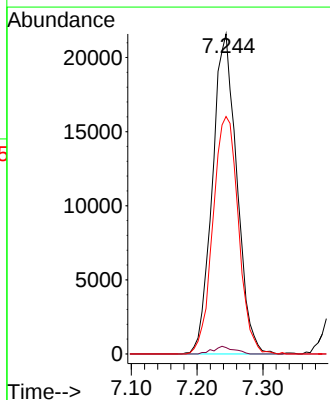
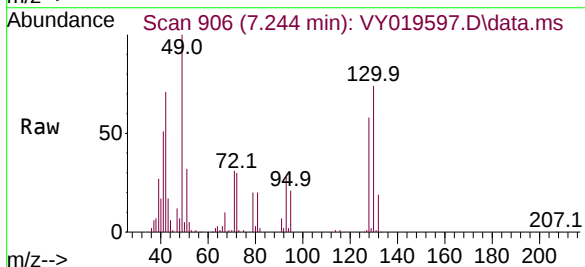
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	256.2
98	64.7	0.0	130.0



#28
 Bromochloromethane
 Concen: 19.745 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

Tgt Ion: 49 Resp: 55879

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	77.2	72.7	109.1





#29

Tetrahydrofuran

Concen: 90.217 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

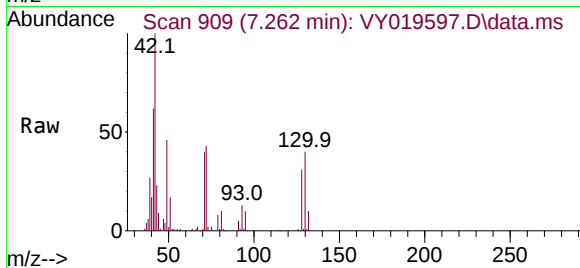
Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



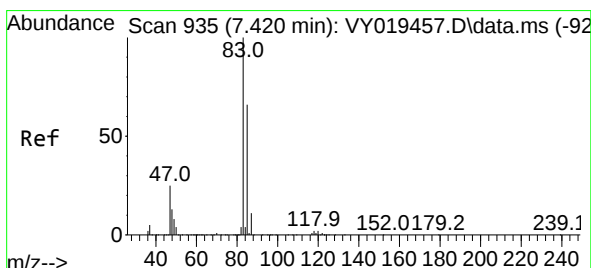
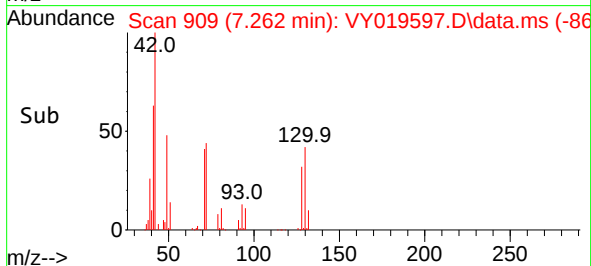
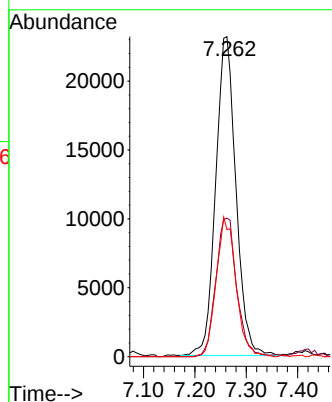
Tgt Ion: 42 Resp: 63139

Ion Ratio Lower Upper

42 100

72 44.8 43.0 64.4

71 42.9 40.8 61.2



#30

Chloroform

Concen: 21.735 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019597.D

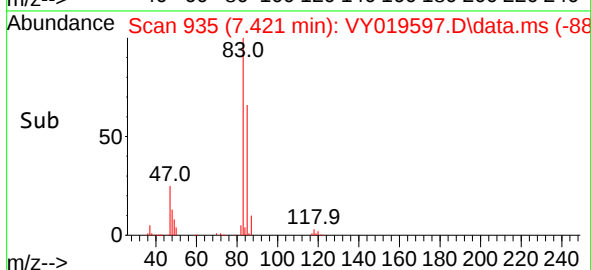
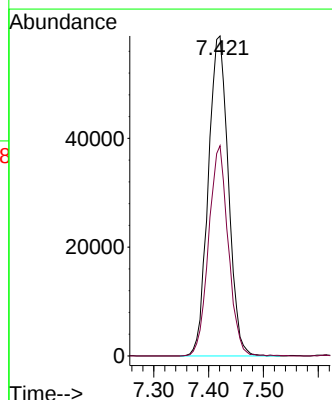
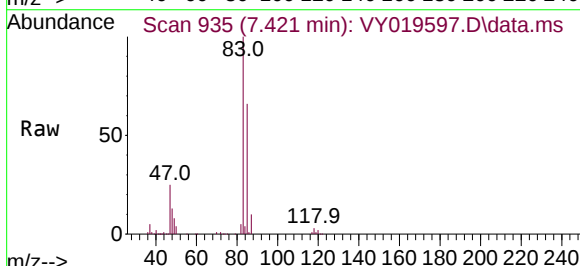
Acq: 18 Sep 2024 11:38

Tgt Ion: 83 Resp: 149236

Ion Ratio Lower Upper

83 100

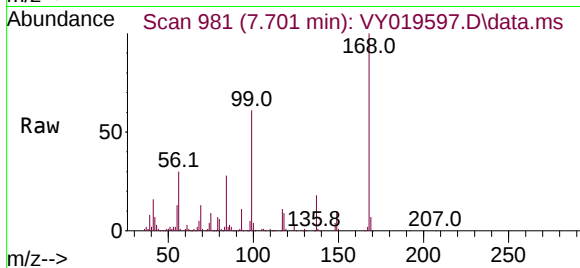
85 65.7 52.2 78.4



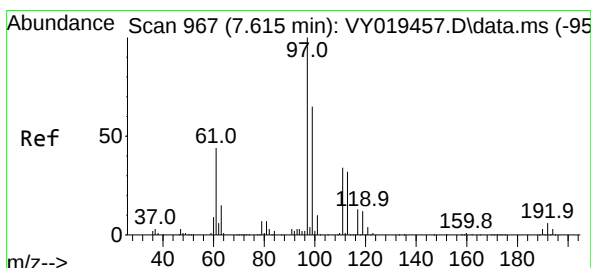
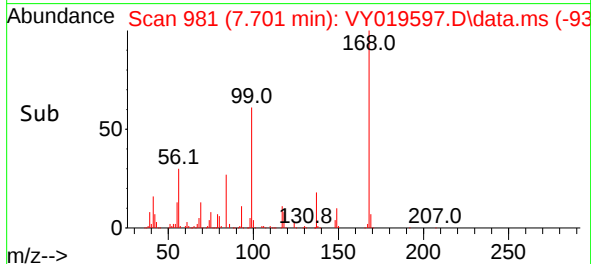
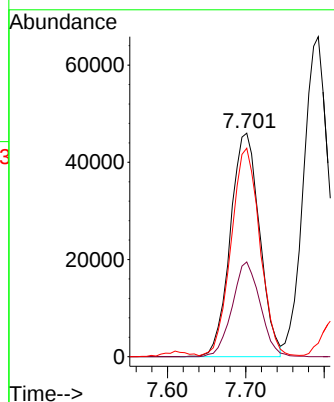


#31
Cyclohexane
Concen: 19.639 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

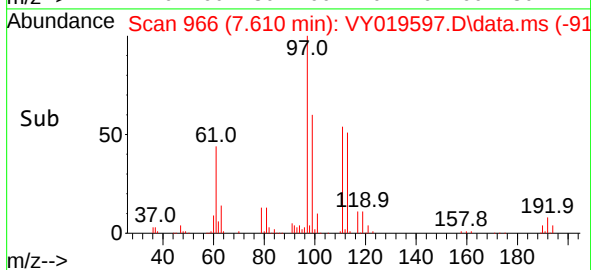
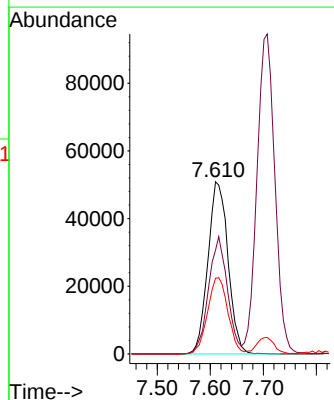
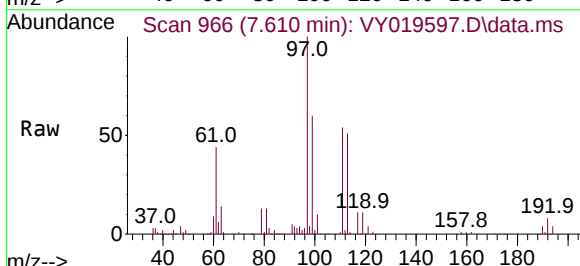


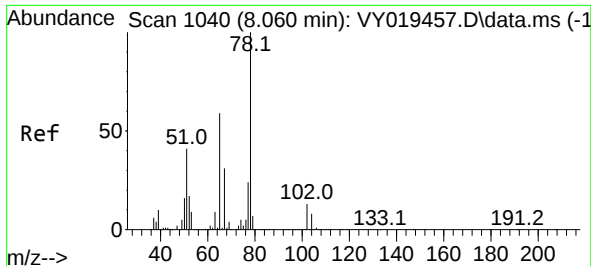
Tgt Ion: 56 Resp: 119402
Ion Ratio Lower Upper
56 100
69 42.4 28.7 43.1
84 91.3 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.788 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 97 Resp: 134091
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 48.721 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

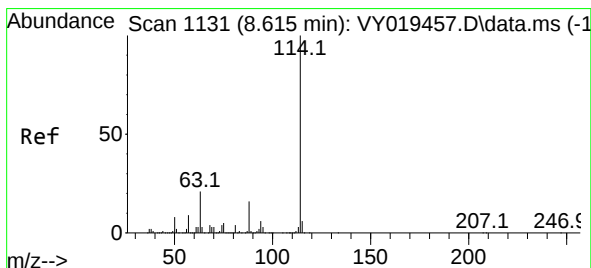
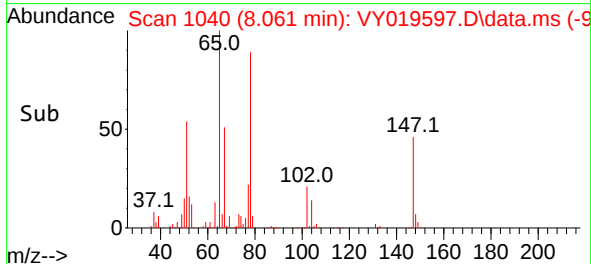
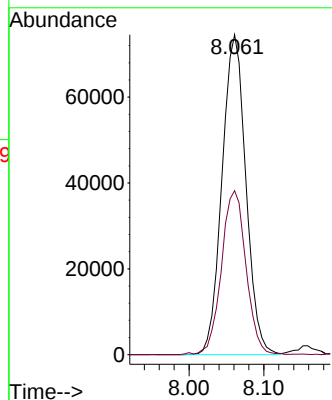
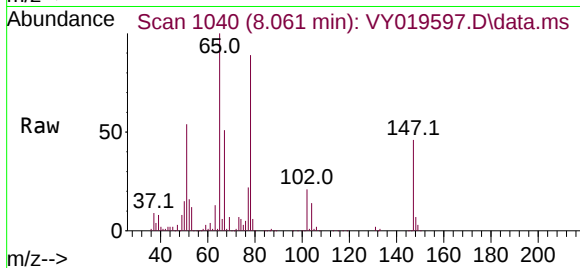
ClientSampleId :

Tgt Ion: 65 Resp: 165511

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

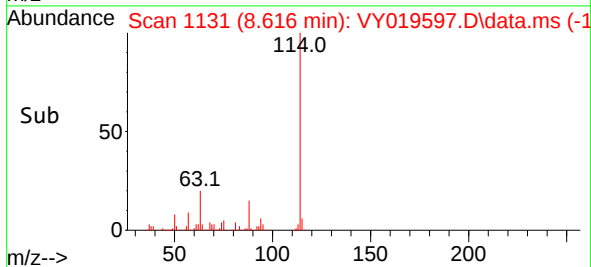
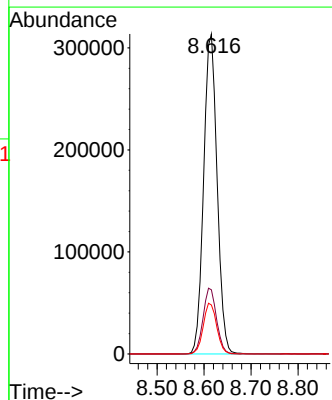
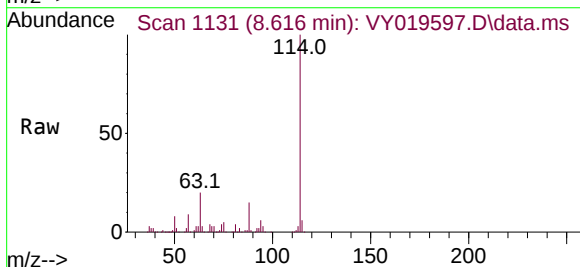
Tgt Ion: 114 Resp: 622665

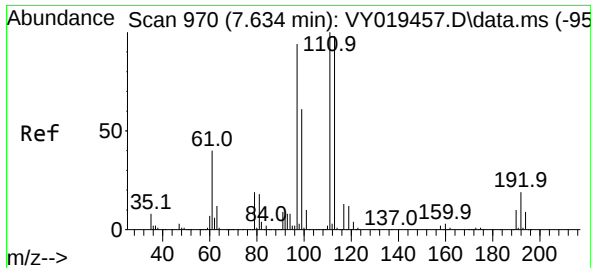
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

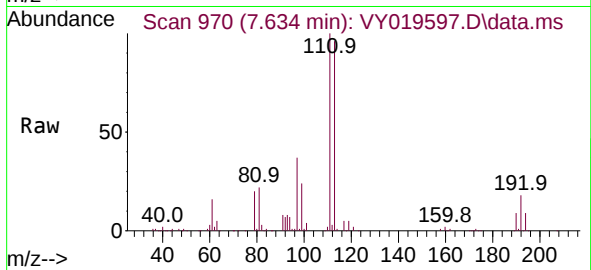
88 15.3 0.0 27.2



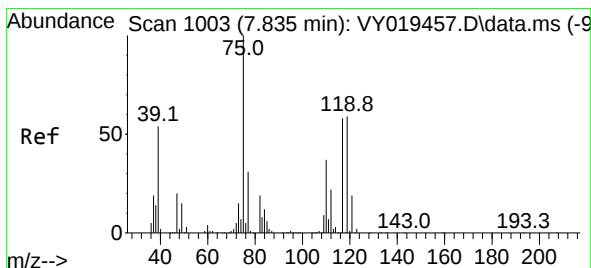
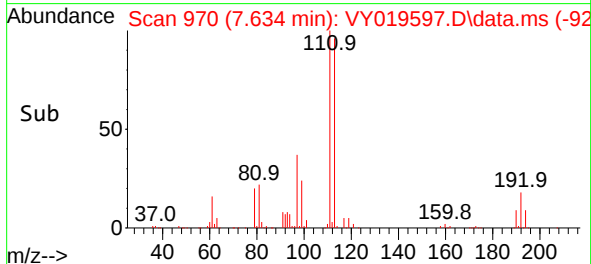
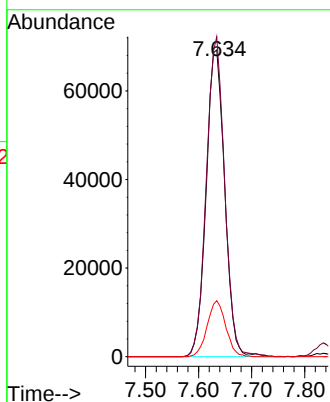


#35
 Dibromofluoromethane
 Concen: 47.816 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

Instrument :
 MSVOA_Y
 ClientSampleId :

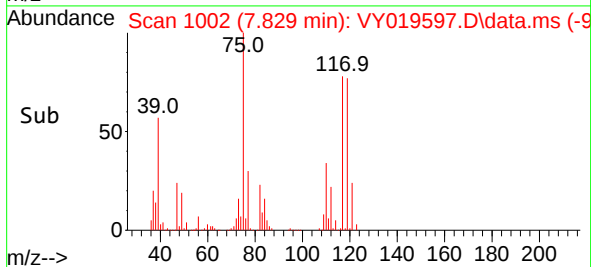
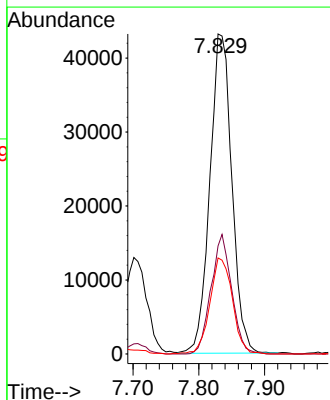
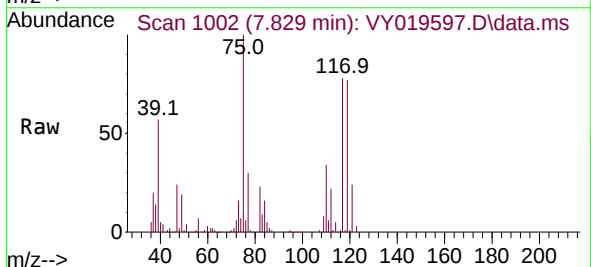


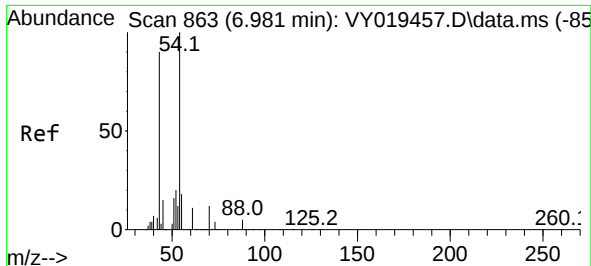
Tgt Ion:113 Resp: 168809
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 18.2 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 20.909 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. -0.006 min
 Lab File: VY019597.D
 Acq: 18 Sep 2024 11:38

Tgt Ion: 75 Resp: 100442
 Ion Ratio Lower Upper
 75 100
 110 35.1 19.0 57.0
 77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 19.306 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

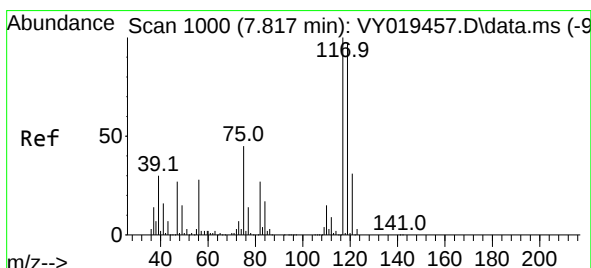
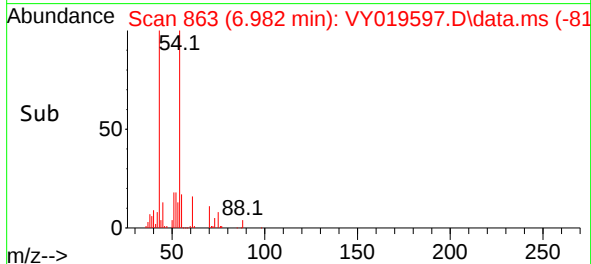
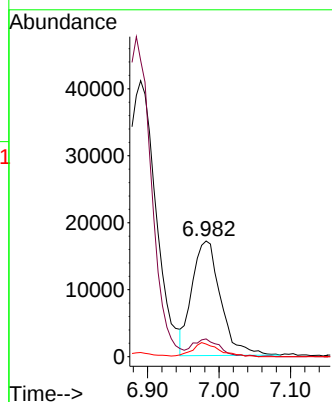
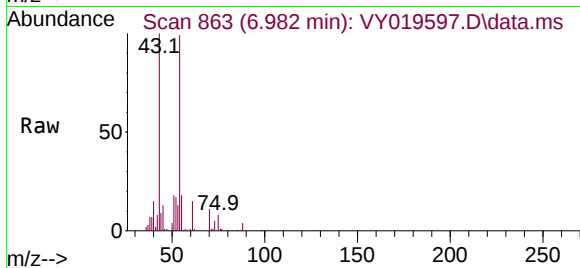
Tgt Ion: 43 Resp: 47520

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.5 7.8 11.8



#38

Carbon Tetrachloride

Concen: 21.326 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

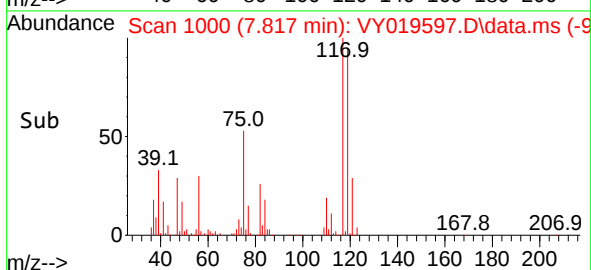
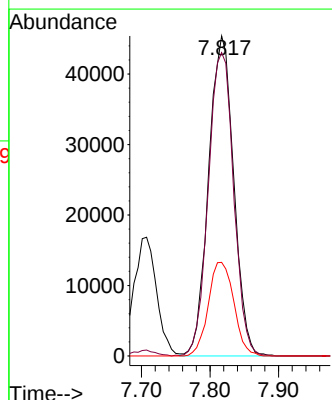
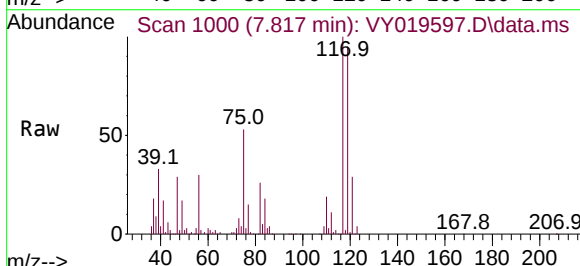
Tgt Ion: 117 Resp: 115527

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 29.2 24.0 36.0





#39

Methylcyclohexane

Concen: 20.170 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

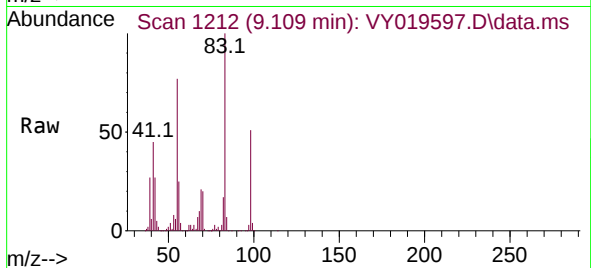
Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



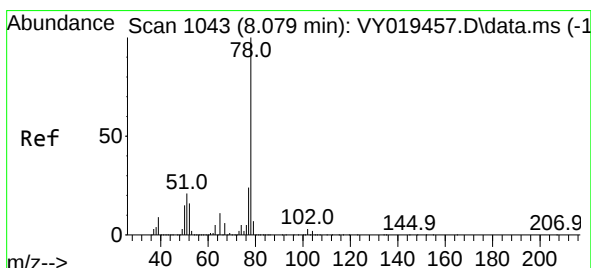
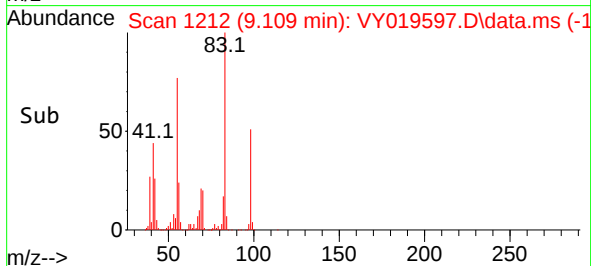
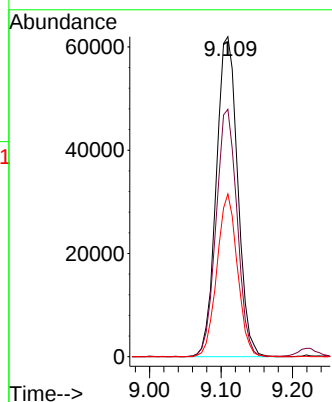
Tgt Ion: 83 Resp: 128943

Ion Ratio Lower Upper

83 100

55 77.3 51.5 77.3#

98 50.8 40.5 60.7



#40

Benzene

Concen: 20.807 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019597.D

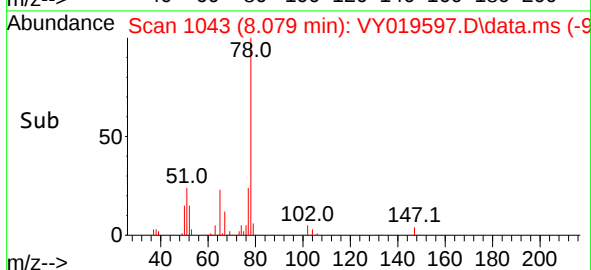
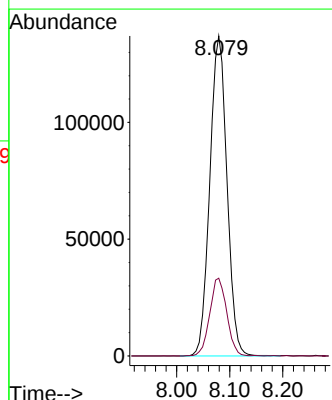
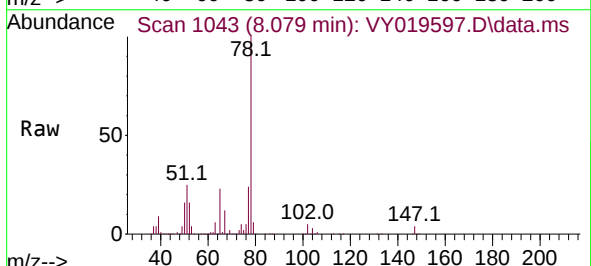
Acq: 18 Sep 2024 11:38

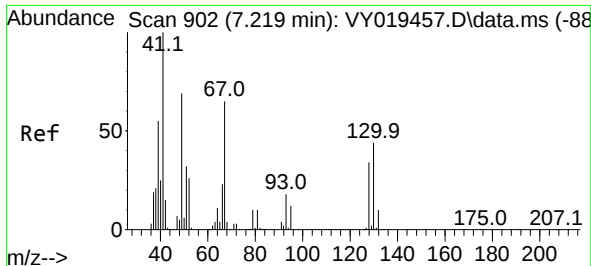
Tgt Ion: 78 Resp: 307865

Ion Ratio Lower Upper

78 100

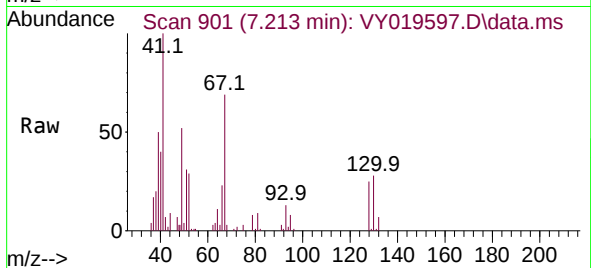
77 24.3 19.5 29.3



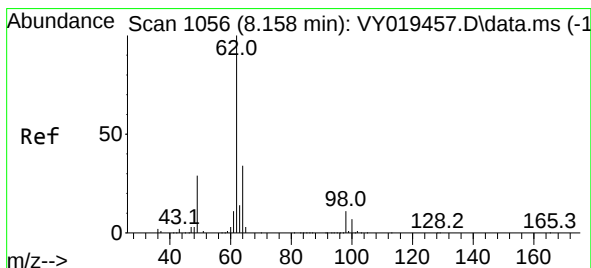
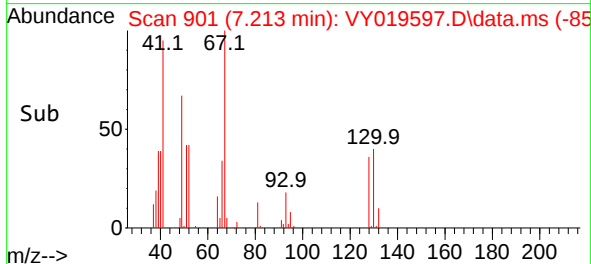
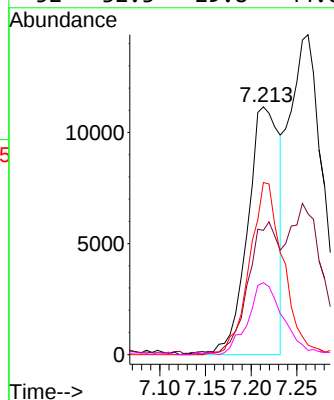


#41
Methacrylonitrile
Concen: 18.846 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Instrument :
MSVOA_Y
ClientSampleId :

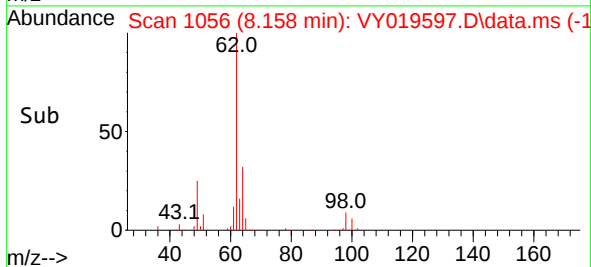
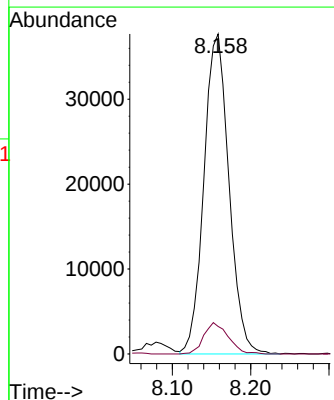
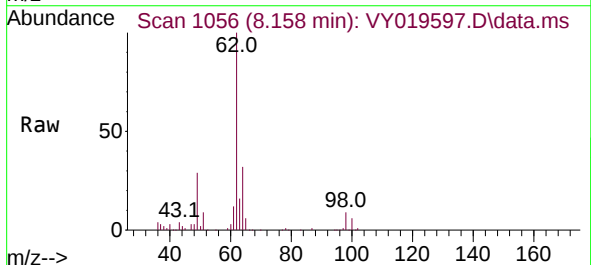


Tgt Ion: 41 Resp: 27040
Ion Ratio Lower Upper
41 100
39 52.0 48.0 72.0
67 73.2 75.1 112.7#
52 32.3 29.8 44.6



#42
1,2-Dichloroethane
Concen: 21.042 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 62 Resp: 83777
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0

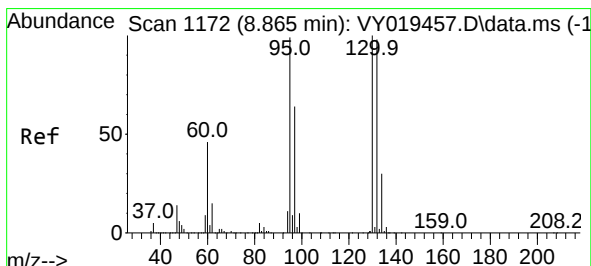
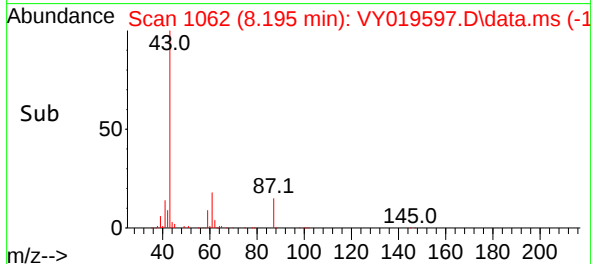
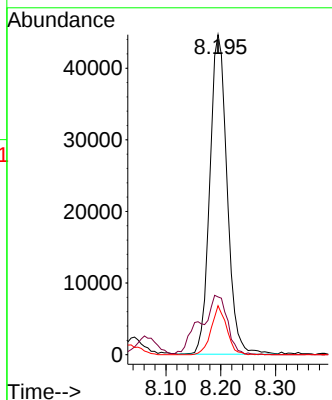
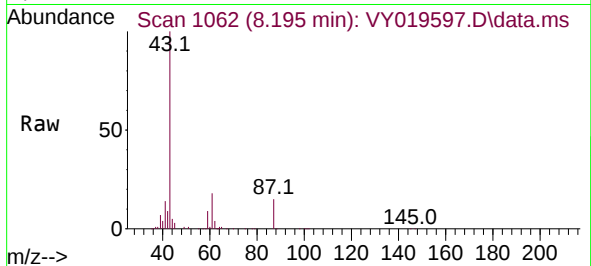




#43
Isopropyl Acetate
Concen: 18.829 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

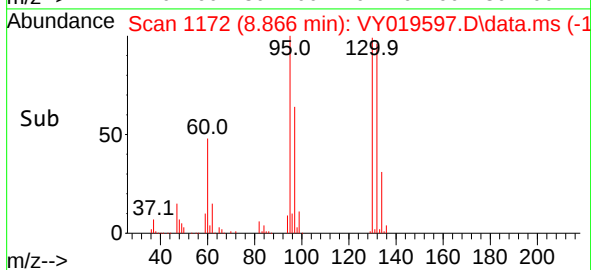
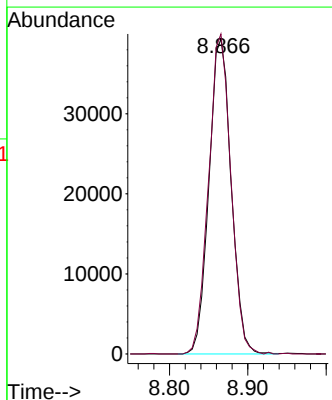
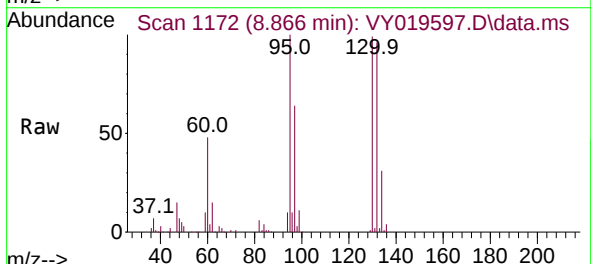
Instrument :
MSVOA_Y
ClientSampleId :

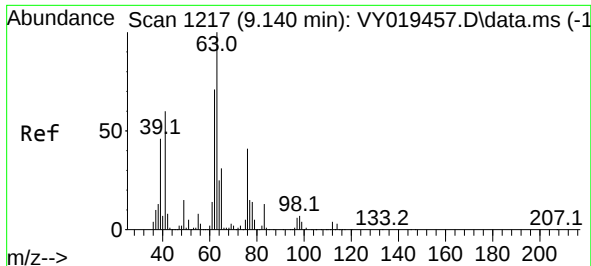
Tgt Ion: 43 Resp: 97370
Ion Ratio Lower Upper
43 100
61 19.4 27.9 41.9#
87 13.8 13.1 19.7



#44
Trichloroethene
Concen: 20.320 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion:130 Resp: 77324
Ion Ratio Lower Upper
130 100
95 101.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.820 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

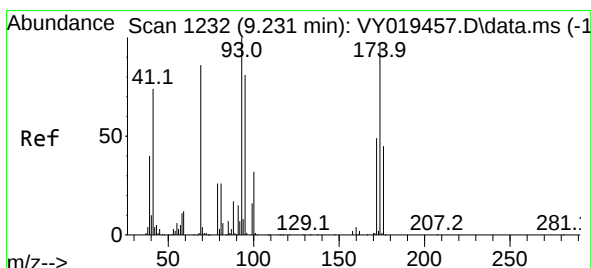
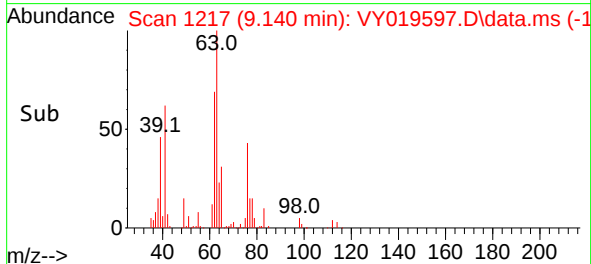
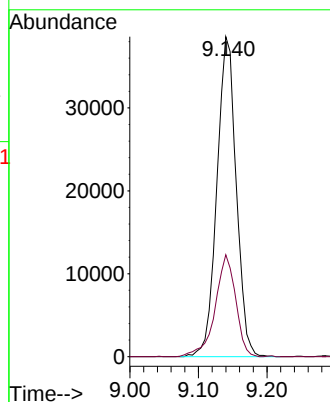
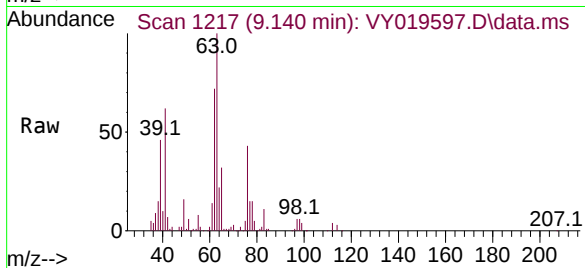
ClientSampleId :

Tgt Ion: 63 Resp: 75311

Ion Ratio Lower Upper

63 100

65 31.8 25.4 38.2



#46

Dibromomethane

Concen: 20.349 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

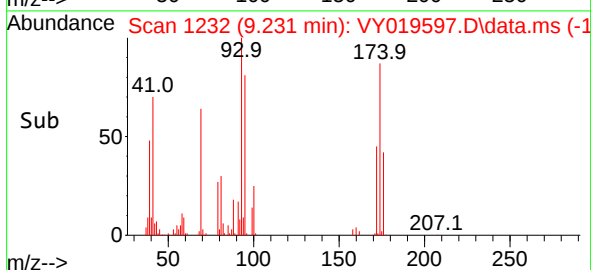
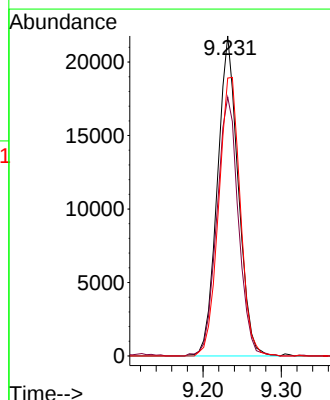
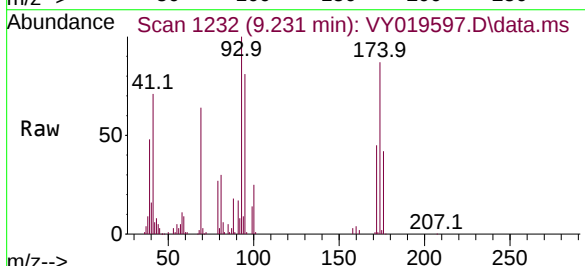
Tgt Ion: 93 Resp: 40253

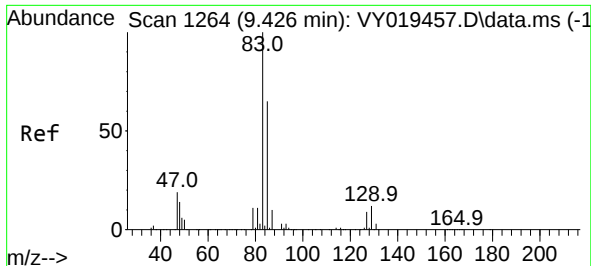
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 90.1 80.9 121.3

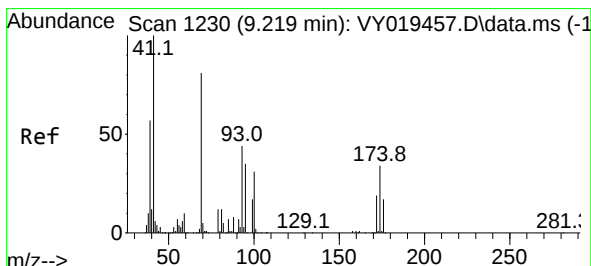
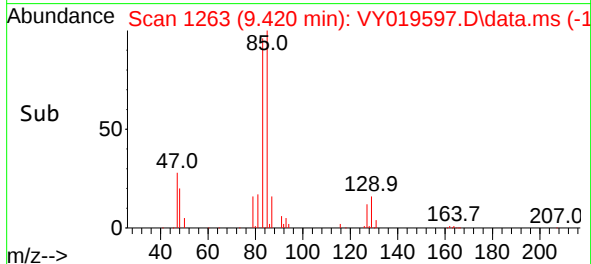
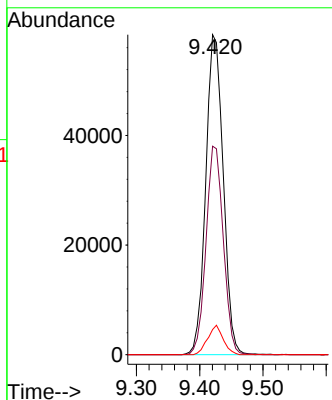
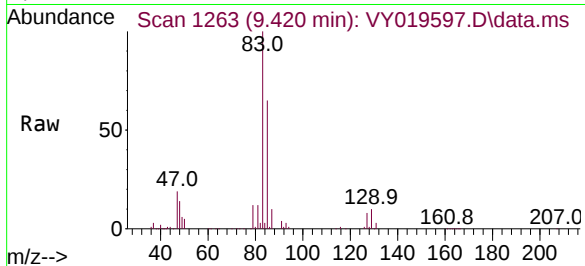




#47
Bromodichloromethane
Concen: 21.087 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

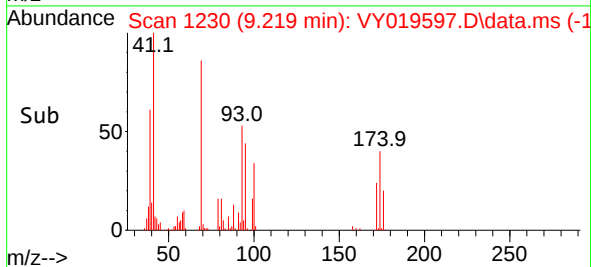
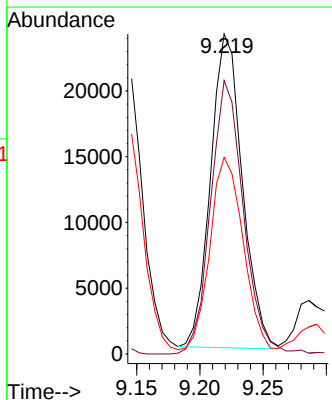
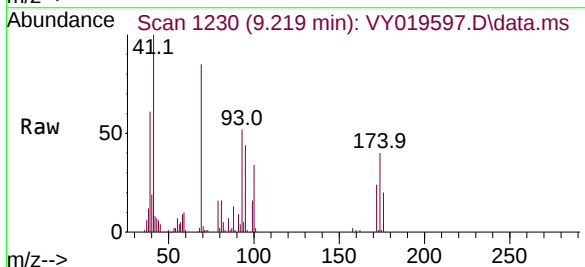
Instrument :
MSVOA_Y
ClientSampleId :

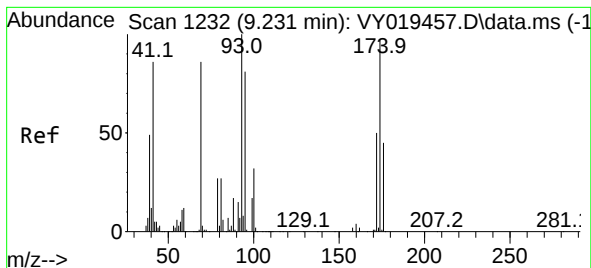
Tgt Ion: 83 Resp: 112128
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 17.081 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 41 Resp: 41711
Ion Ratio Lower Upper
41 100
69 90.2 84.1 126.1
39 63.7 43.6 65.4





#49

1,4-Dioxane

Concen: 369.824 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

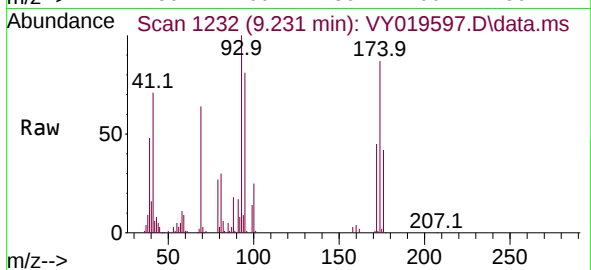
Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



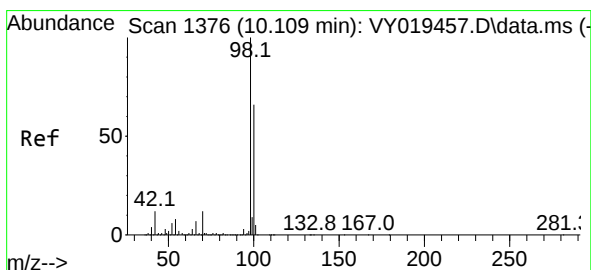
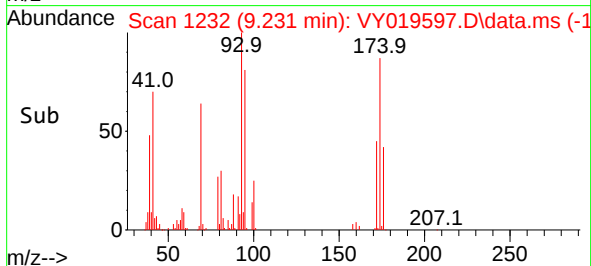
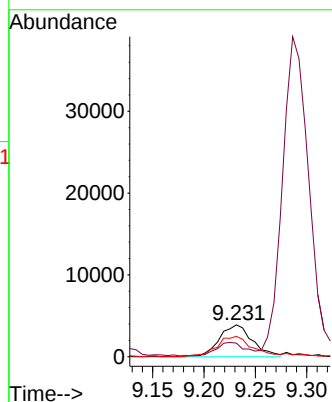
Tgt Ion: 88 Resp: 8612

Ion Ratio Lower Upper

88 100

43 36.7 0.0 0.0#

58 68.3 49.3 73.9



#50

Toluene-d8

Concen: 48.226 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019597.D

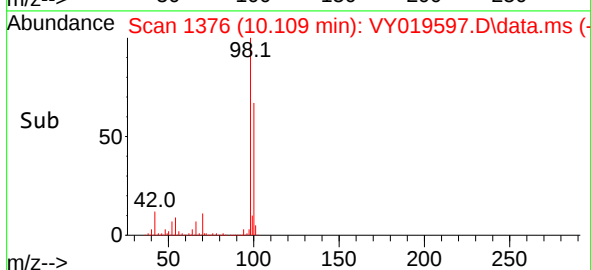
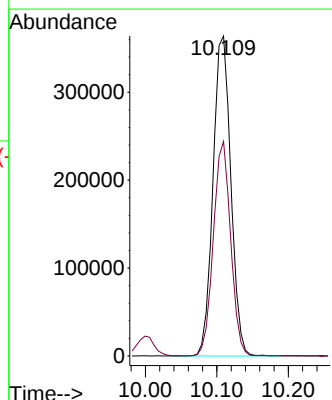
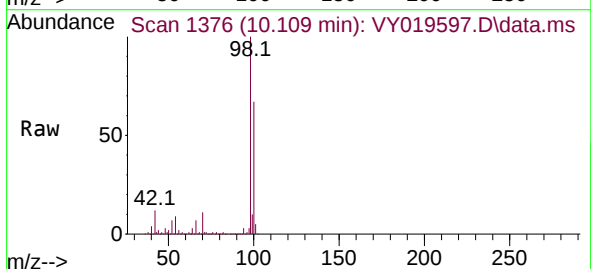
Acq: 18 Sep 2024 11:38

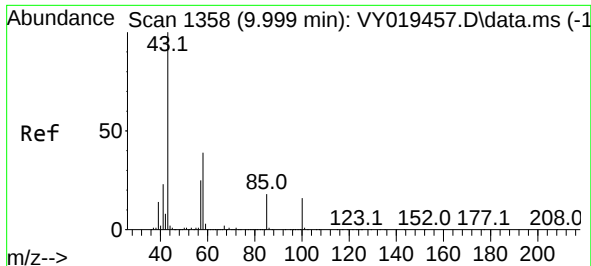
Tgt Ion: 98 Resp: 629737

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 94.260 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

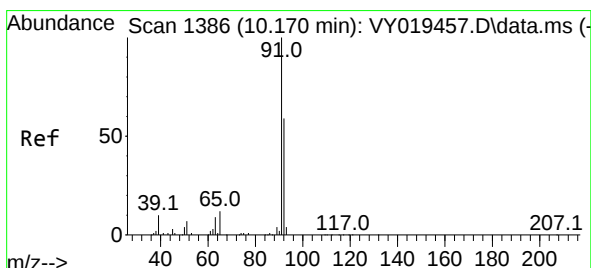
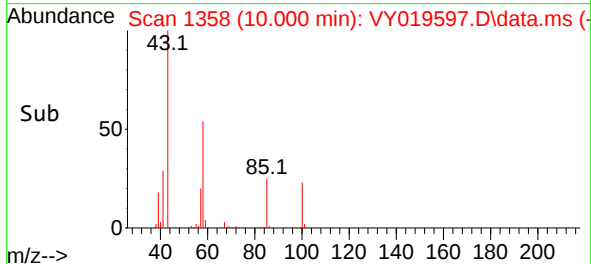
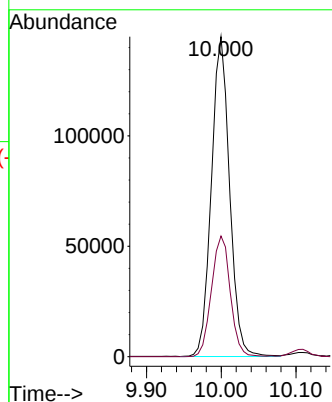
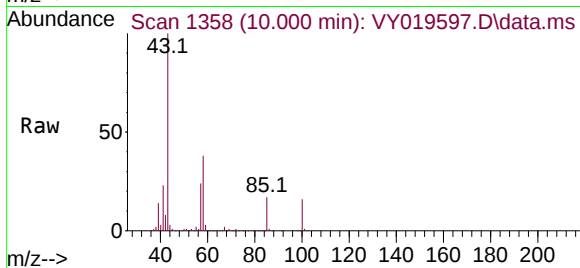
ClientSampleId :

Tgt Ion: 43 Resp: 245224

Ion Ratio Lower Upper

43 100

58 39.0 35.7 53.5



#52

Toluene

Concen: 20.769 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019597.D

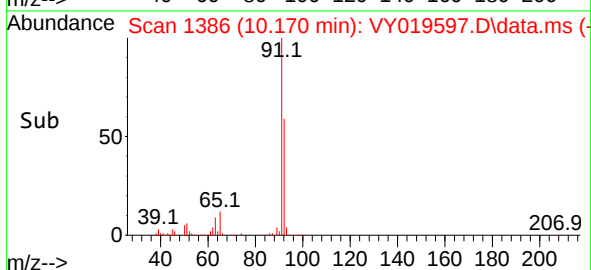
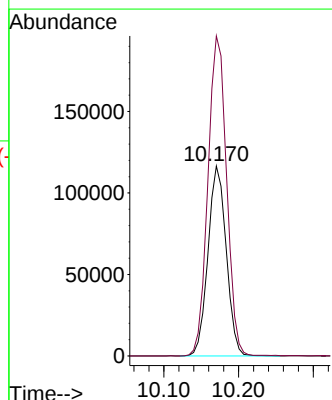
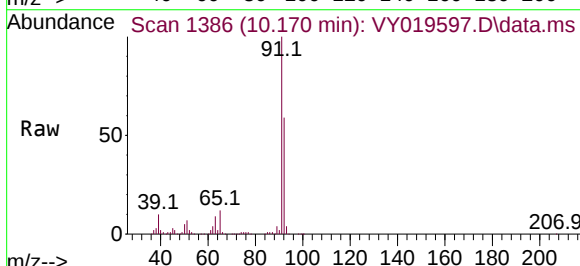
Acq: 18 Sep 2024 11:38

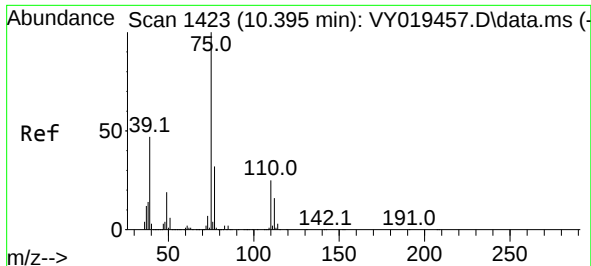
Tgt Ion: 92 Resp: 197637

Ion Ratio Lower Upper

92 100

91 172.7 139.0 208.6

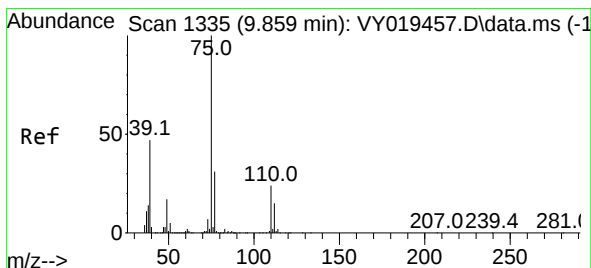
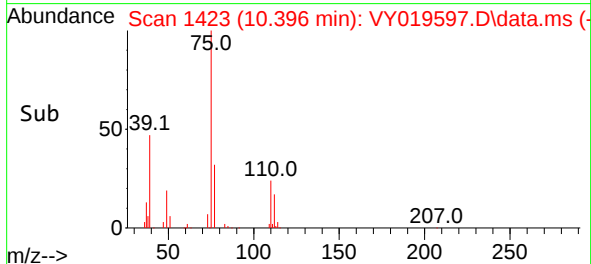
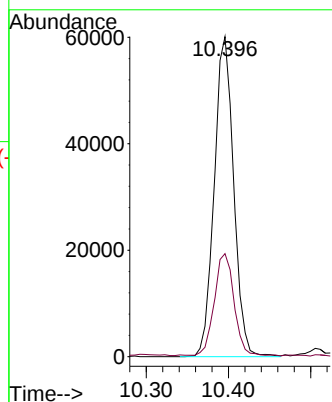
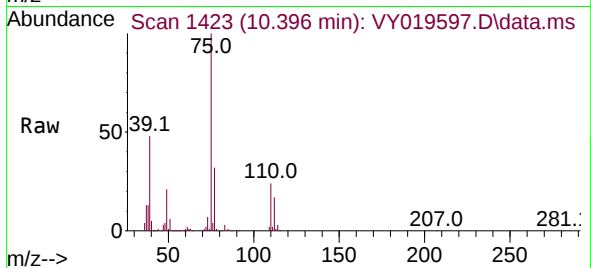




#53
t-1,3-Dichloropropene
Concen: 19.474 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

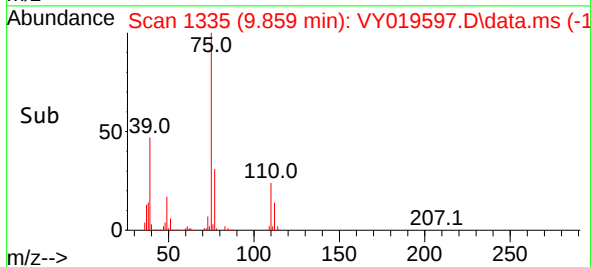
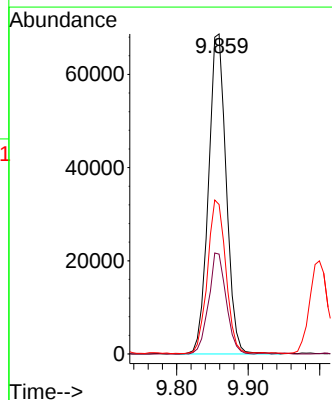
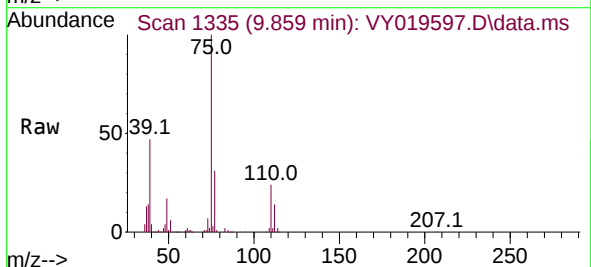
Instrument :
MSVOA_Y
ClientSampleId :

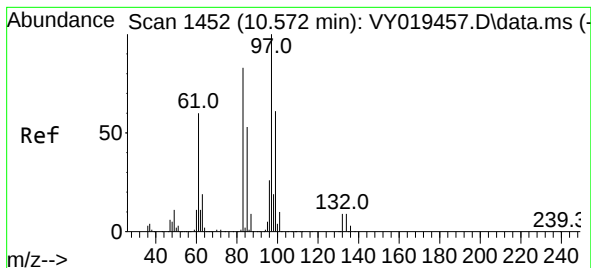
Tgt Ion: 75 Resp: 98711
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 20.045 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 75 Resp: 118309
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 46.5 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.343 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

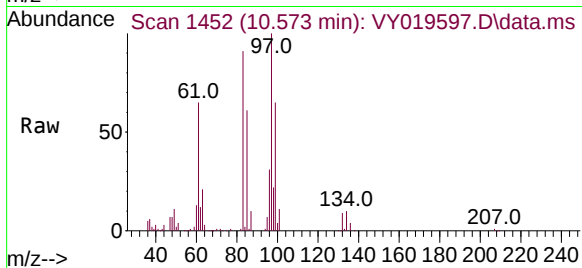
Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 55572

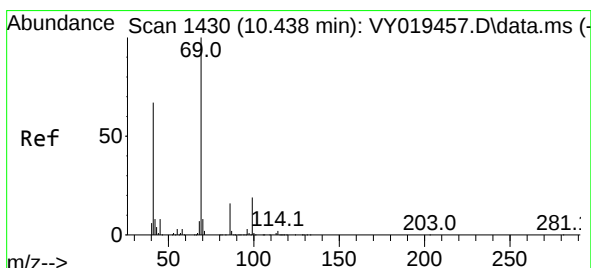
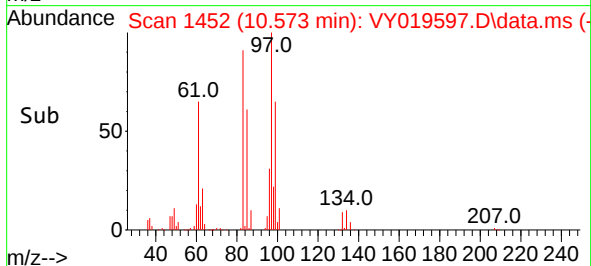
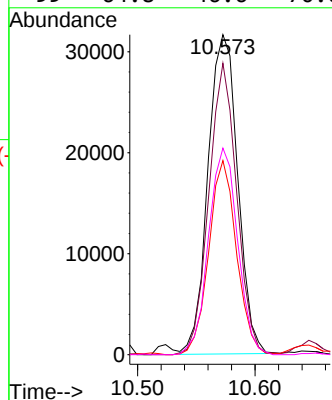
Ion Ratio Lower Upper

97 100

83 91.0 67.5 101.3

85 60.6 42.9 64.3

99 64.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.676 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

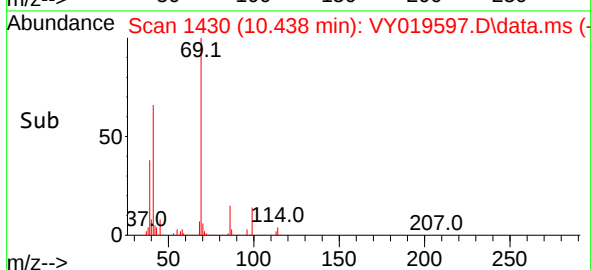
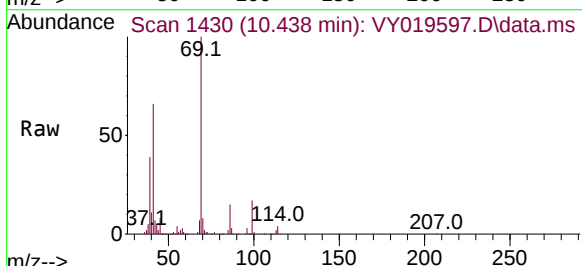
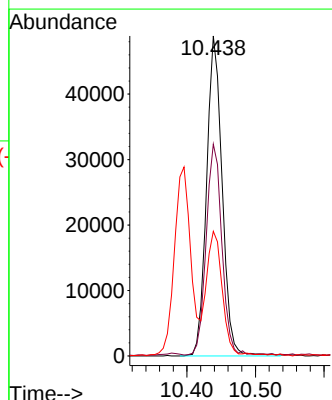
Tgt Ion: 69 Resp: 77498

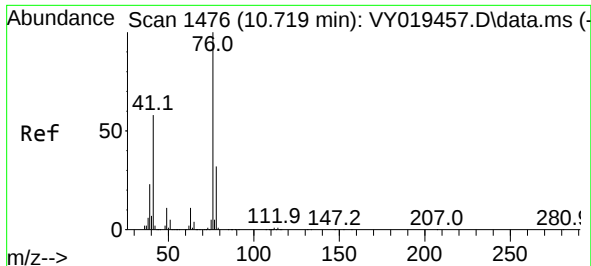
Ion Ratio Lower Upper

69 100

41 65.9 42.3 63.5#

39 37.2 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.486 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

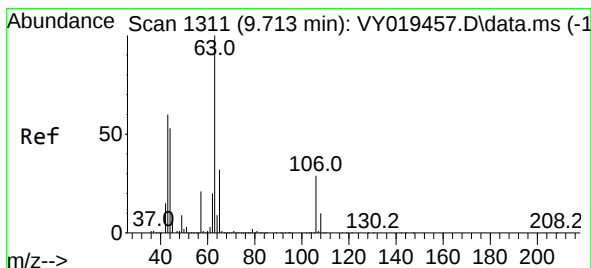
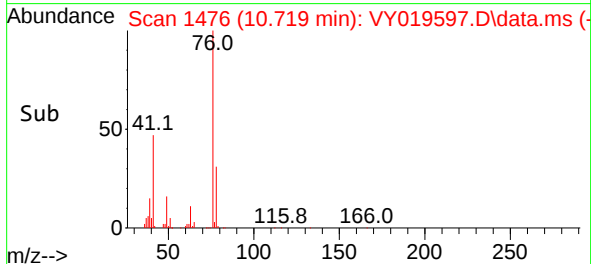
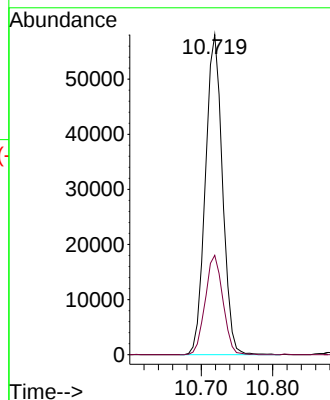
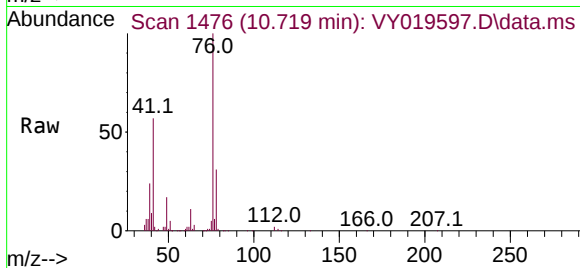
ClientSampleId :

Tgt Ion: 76 Resp: 96196

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 95.633 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019597.D

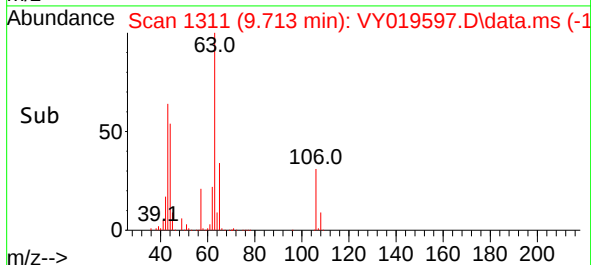
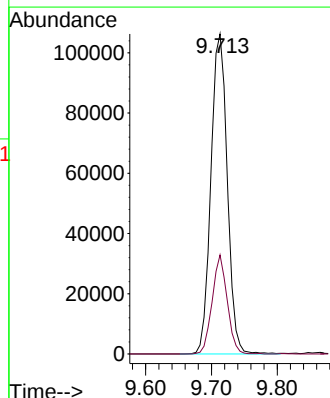
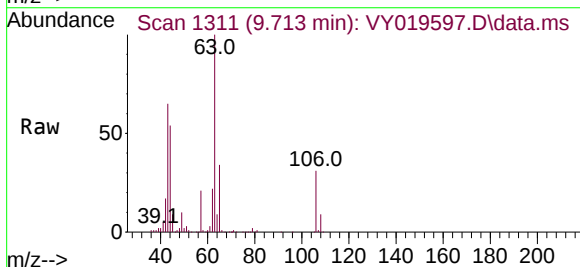
Acq: 18 Sep 2024 11:38

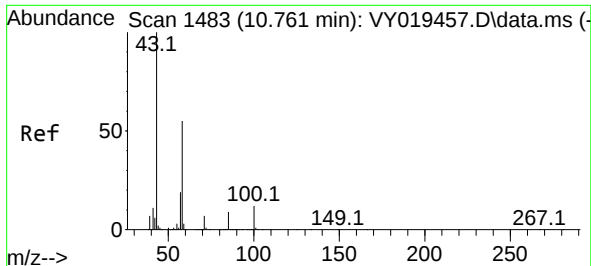
Tgt Ion: 63 Resp: 184185

Ion Ratio Lower Upper

63 100

106 28.3 23.7 35.5





#59

2-Hexanone

Concen: 95.729 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

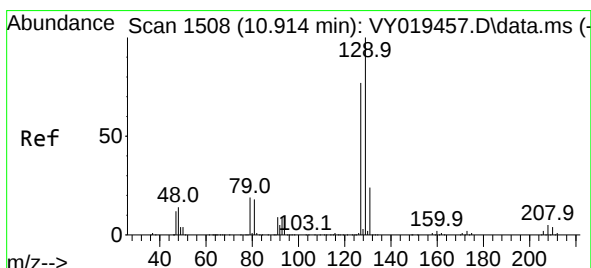
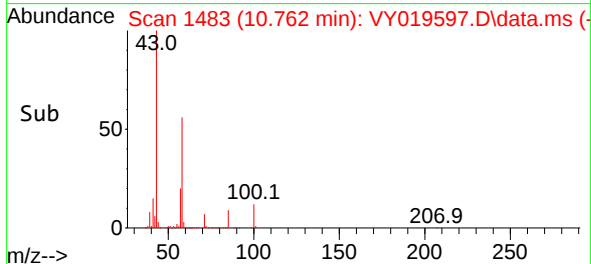
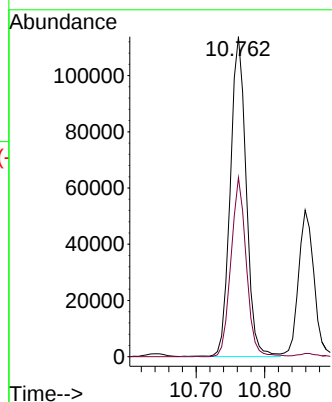
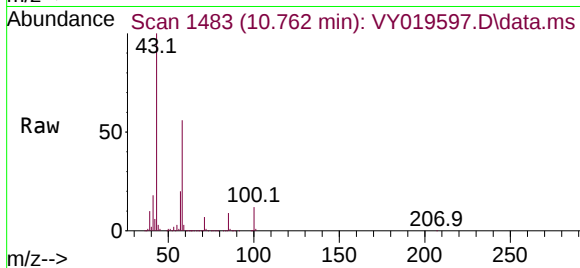
ClientSampleId :

Tgt Ion: 43 Resp: 182584

Ion Ratio Lower Upper

43 100

58 54.1 31.4 94.0



#60

Dibromochloromethane

Concen: 20.158 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY019597.D

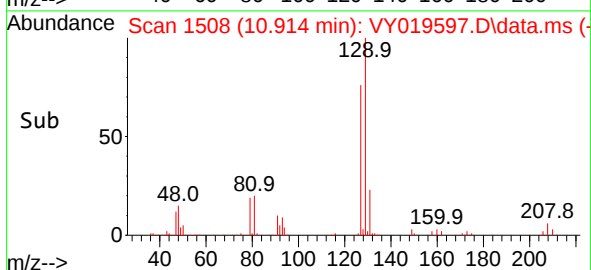
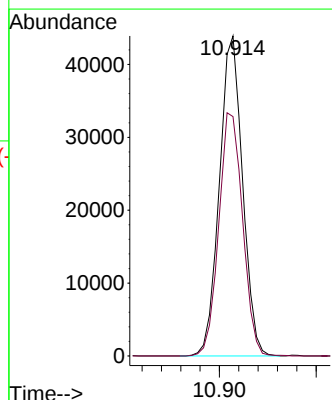
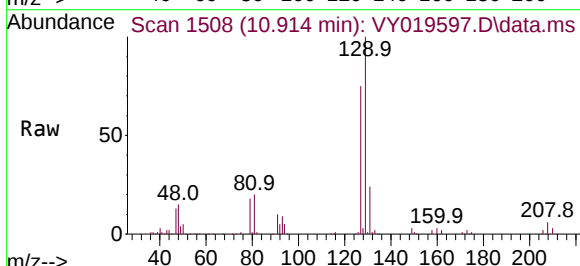
Acq: 18 Sep 2024 11:38

Tgt Ion: 129 Resp: 72842

Ion Ratio Lower Upper

129 100

127 78.0 39.0 117.0

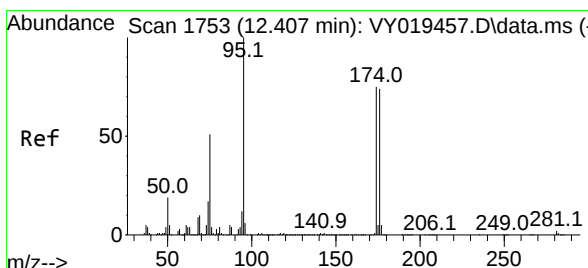
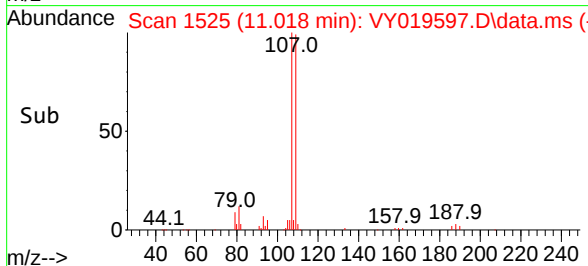
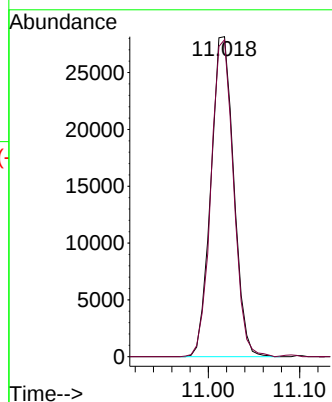
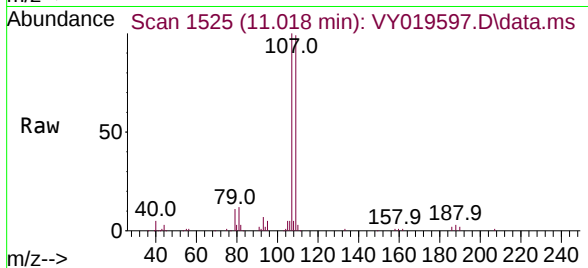




#61
1,2-Dibromoethane
Concen: 19.208 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

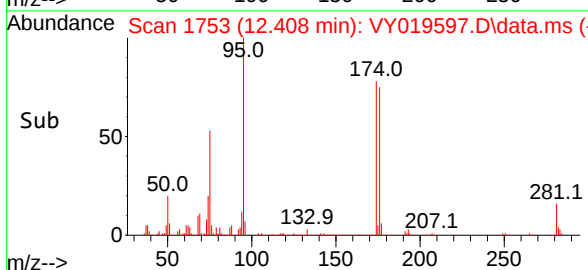
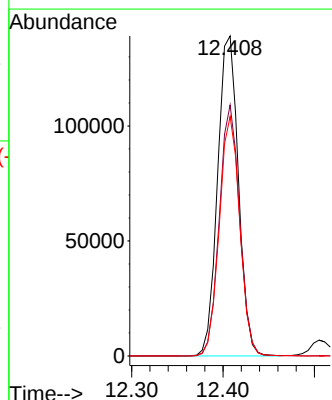
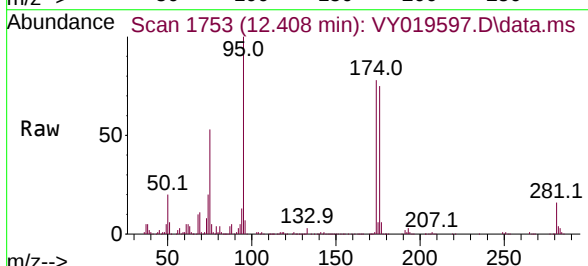
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 48888
Ion Ratio Lower Upper
107 100
109 97.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 43.908 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 95 Resp: 220460
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.5 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019597.D

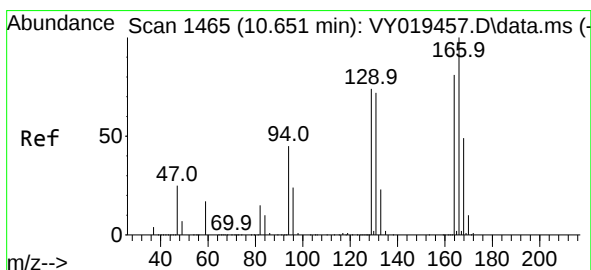
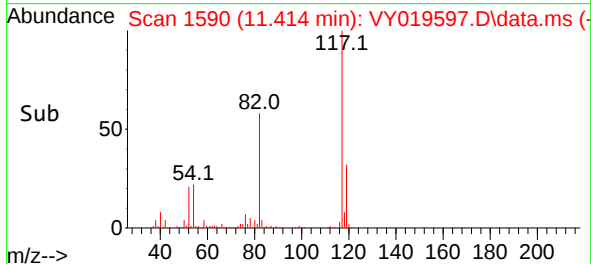
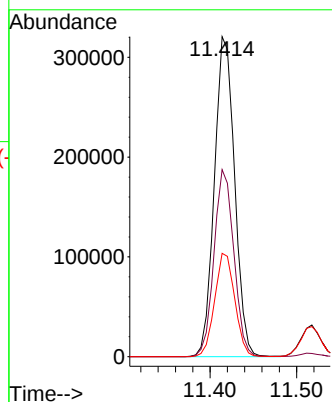
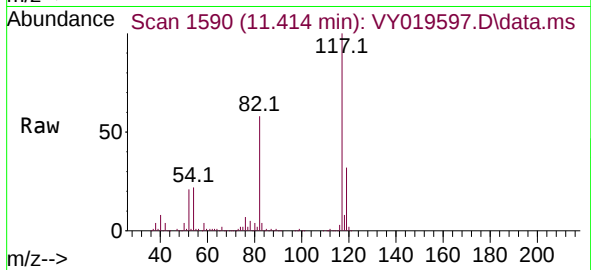
Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp: 521529
Ion Ratio	Lower Upper
117 100	
82 58.5	42.4 63.6
119 32.3	25.9 38.9



#64

Tetrachloroethene

Concen: 20.884 ug/l

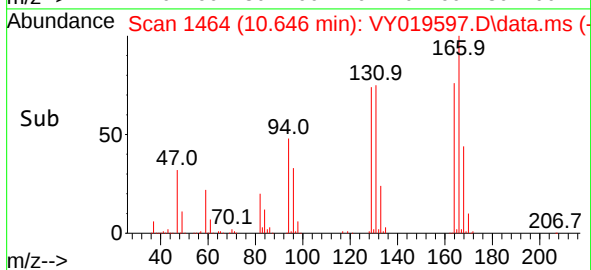
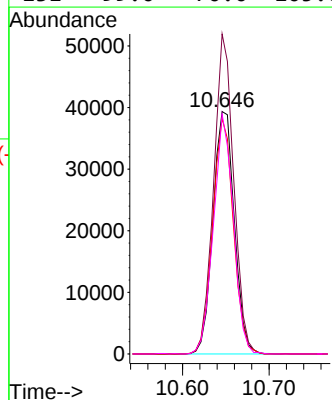
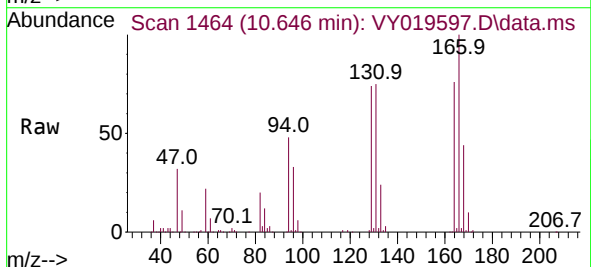
RT: 10.646 min Scan# 1464

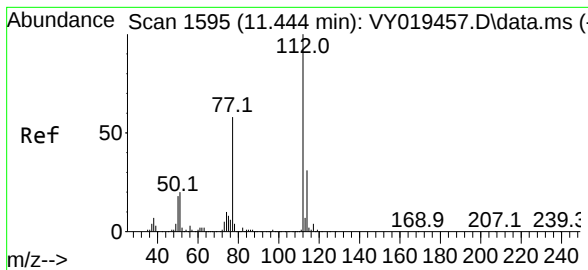
Delta R.T. -0.006 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Tgt	Ion:164	Resp:	67446
Ion	Ratio	Lower	Upper
164	100		
166	132.0	102.6	154.0
129	97.2	72.0	108.0
131	99.0	70.0	105.0

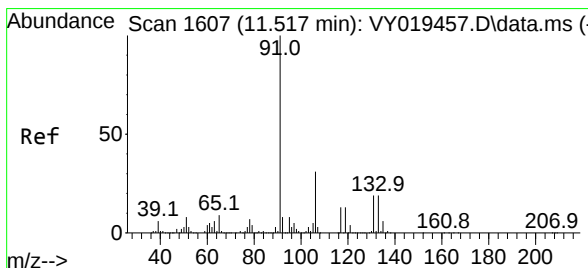
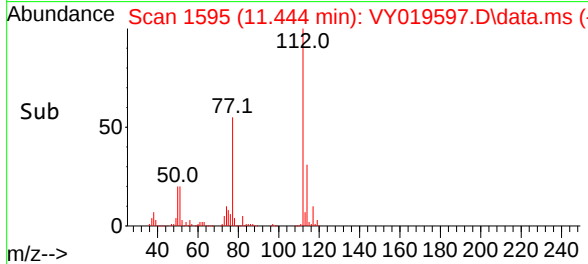
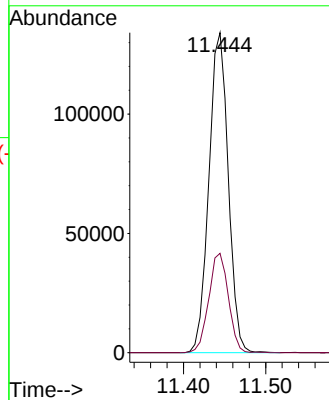
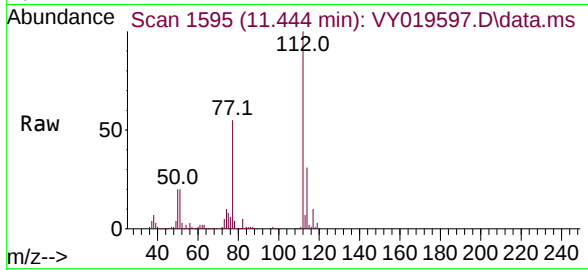




#65
Chlorobenzene
Concen: 21.337 ug/l
RT: 11.444 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

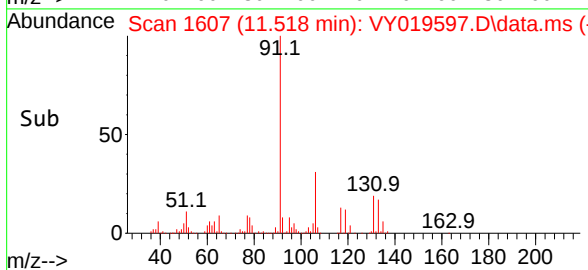
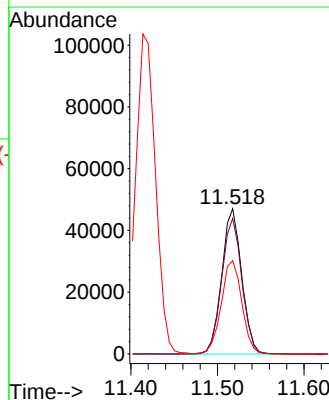
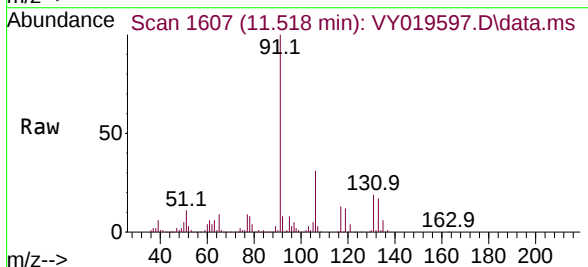
Instrument :
MSVOA_Y
ClientSampleId :

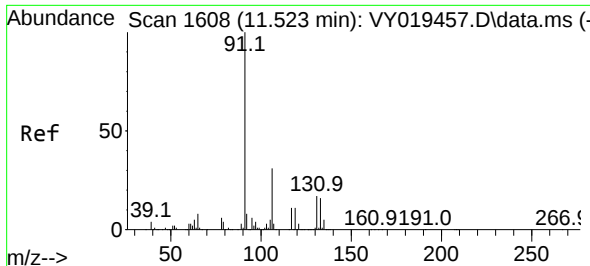
Tgt Ion:112 Resp: 218891
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.118 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion:131 Resp: 75009
Ion Ratio Lower Upper
131 100
133 94.9 47.8 143.3
119 66.5 34.1 102.2





#67

Ethyl Benzene

Concen: 21.244 ug/l

RT: 11.518 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

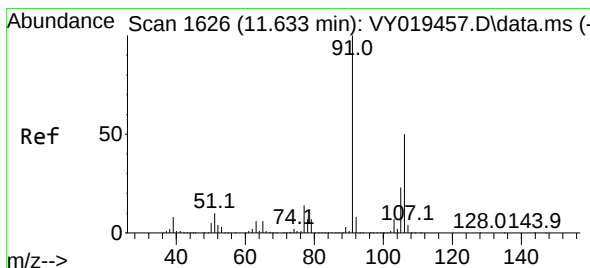
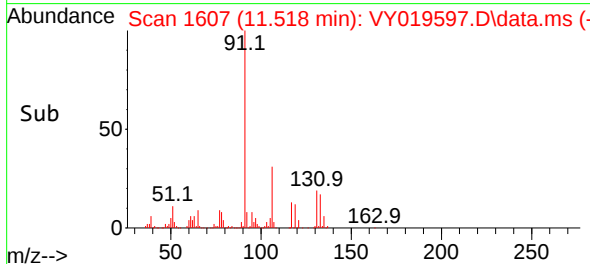
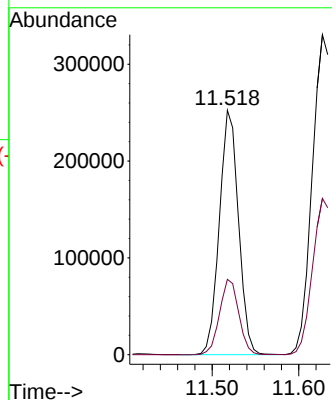
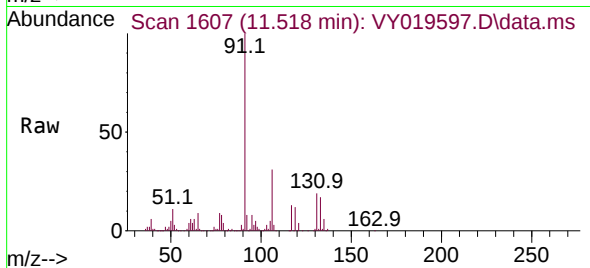
ClientSampleId :

Tgt Ion: 91 Resp: 387244

Ion Ratio Lower Upper

91 100

106 30.9 24.5 36.7



#68

m/p-Xylenes

Concen: 42.274 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019597.D

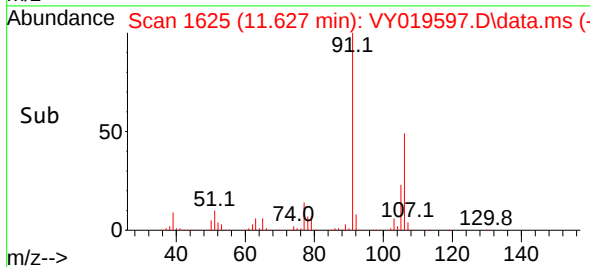
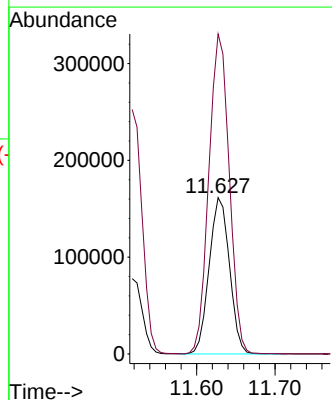
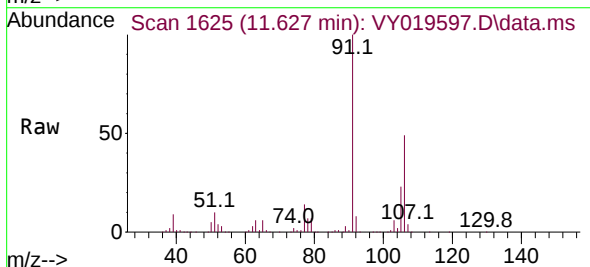
Acq: 18 Sep 2024 11:38

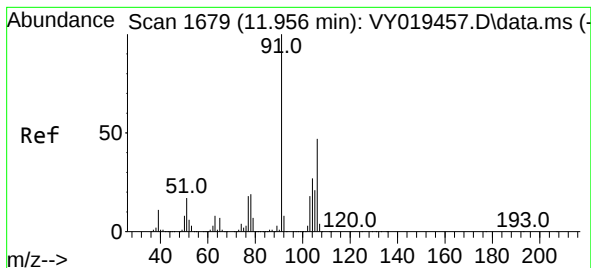
Tgt Ion:106 Resp: 291376

Ion Ratio Lower Upper

106 100

91 205.5 156.0 234.0





#69

o-Xylene

Concen: 20.821 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

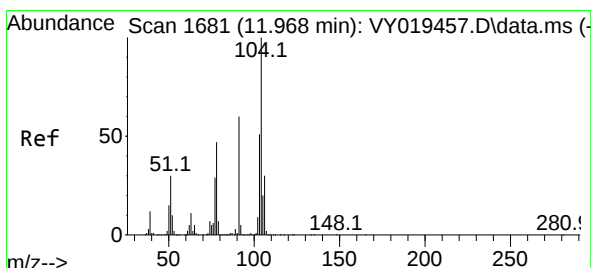
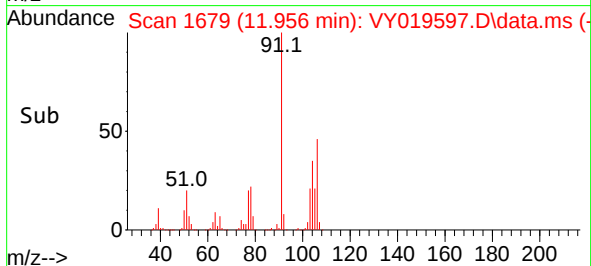
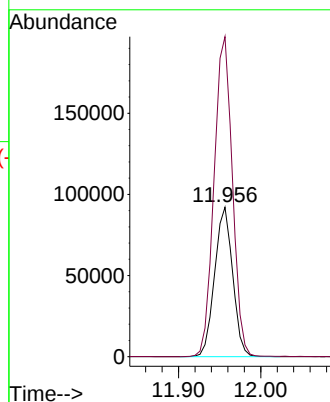
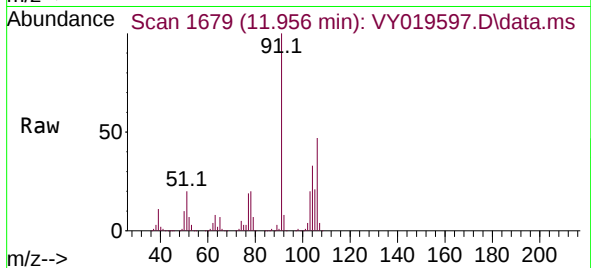
ClientSampleId :

Tgt Ion:106 Resp: 140346

Ion Ratio Lower Upper

106 100

91 218.3 103.6 310.8



#70

Styrene

Concen: 20.570 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

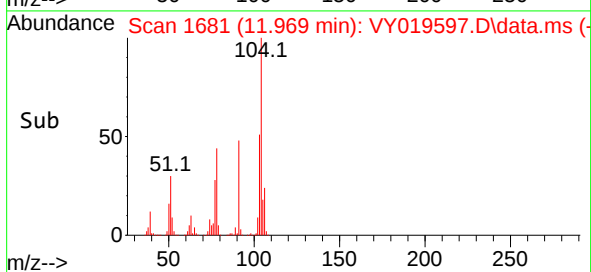
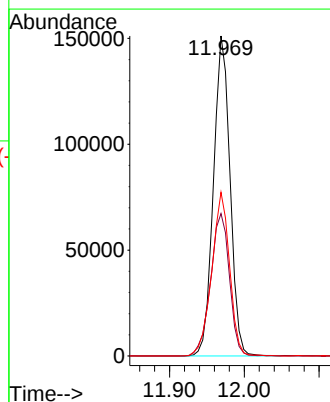
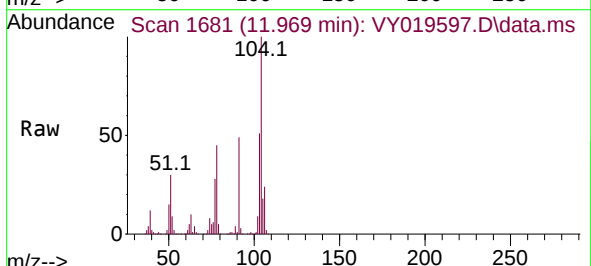
Tgt Ion:104 Resp: 234099

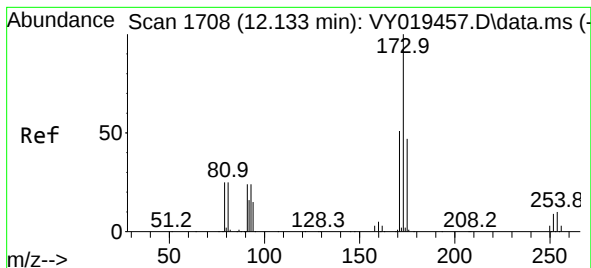
Ion Ratio Lower Upper

104 100

78 50.4 37.0 55.4

103 54.8 44.2 66.2





#71

Bromoform

Concen: 19.361 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019597.D

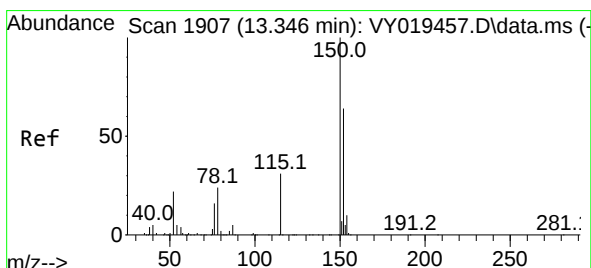
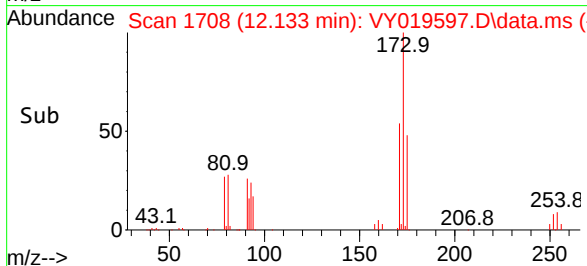
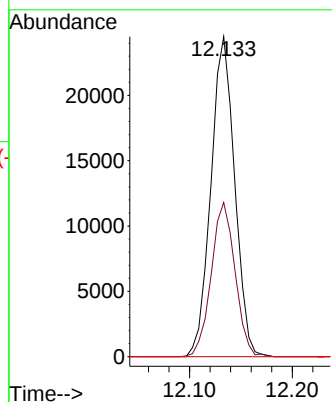
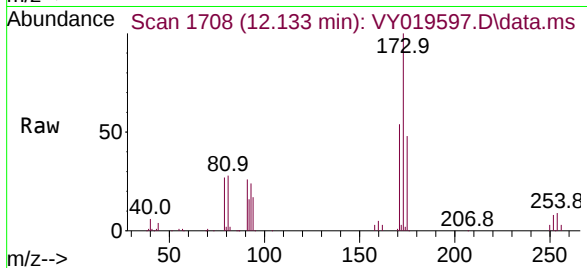
Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	39279
Ion Ratio	Lower	Upper
173	100	
175	48.3	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

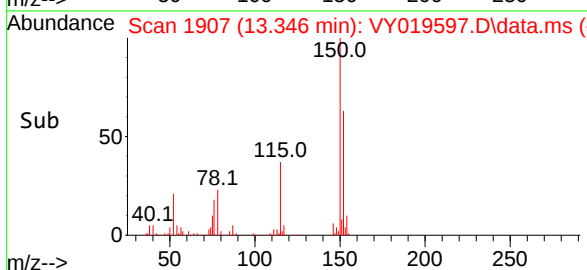
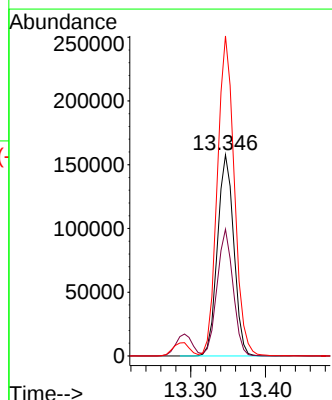
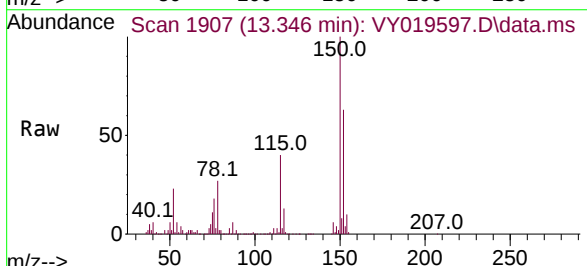
RT: 13.346 min Scan# 1907

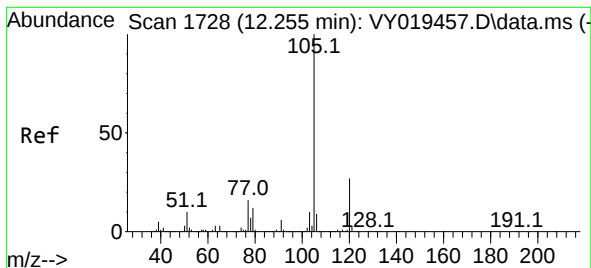
Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Tgt Ion:152	Resp:	239375
Ion Ratio	Lower	Upper
152	100	
115	61.6	28.2 84.7
150	165.9	0.0 345.6





#73

Isopropylbenzene

Concen: 21.980 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

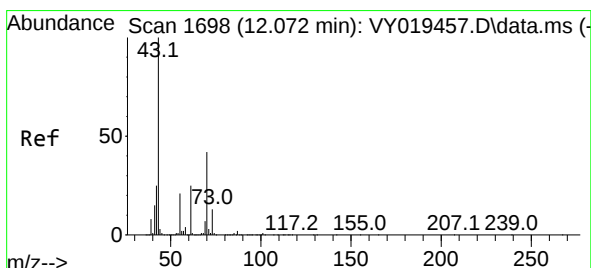
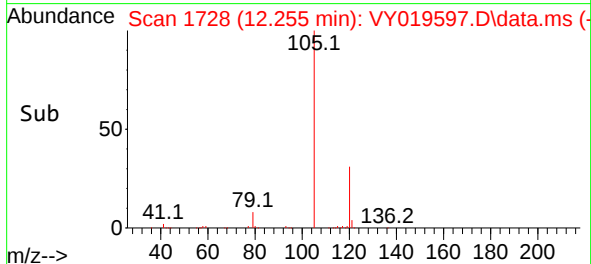
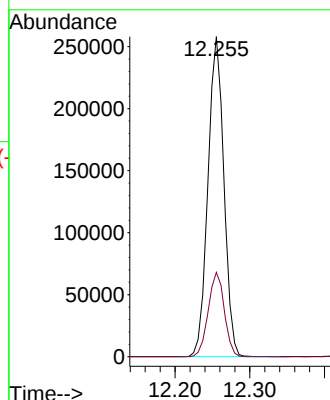
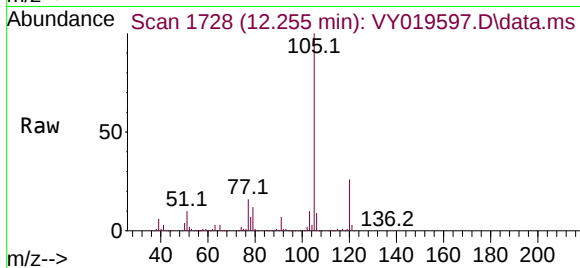
ClientSampleId :

Tgt Ion:105 Resp: 381701

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 19.183 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Tgt Ion: 43 Resp: 90599

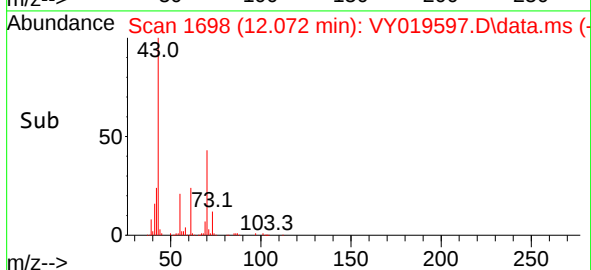
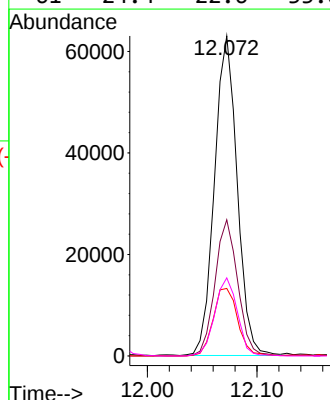
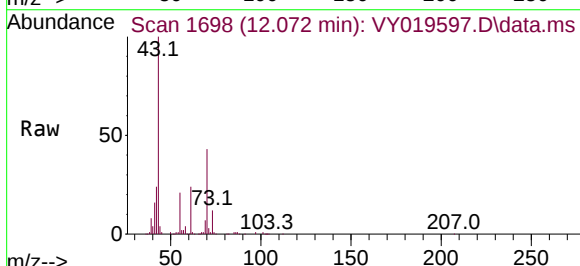
Ion Ratio Lower Upper

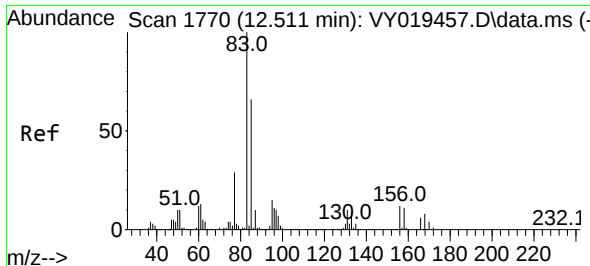
43 100

70 42.9 41.4 62.2

55 23.0 23.3 34.9#

61 24.4 22.6 33.8

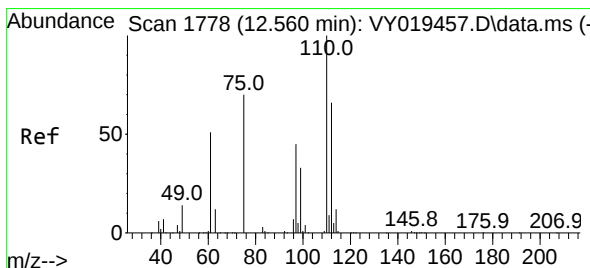
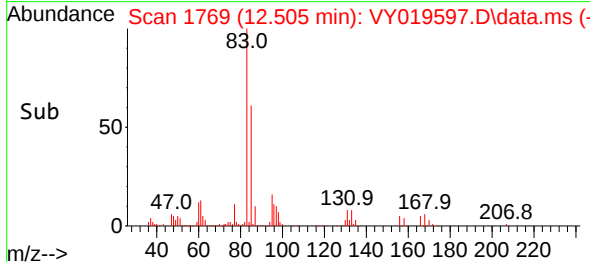
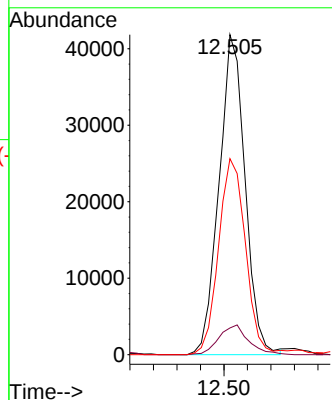
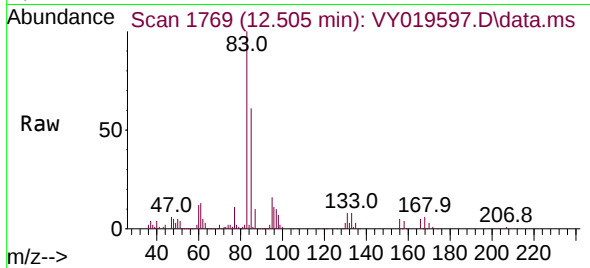




#75
1,1,2,2-Tetrachloroethane
Concen: 20.895 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

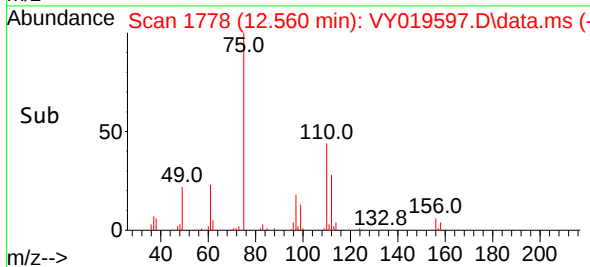
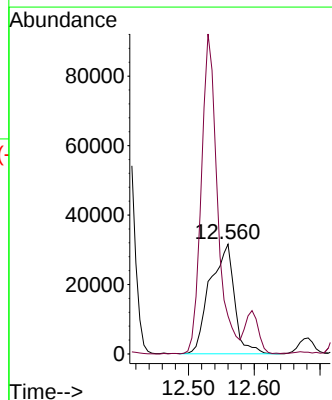
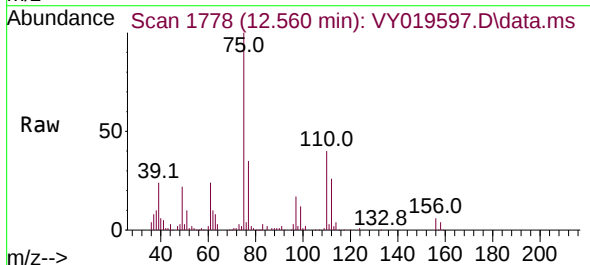
Instrument :
MSVOA_Y
ClientSampleId :

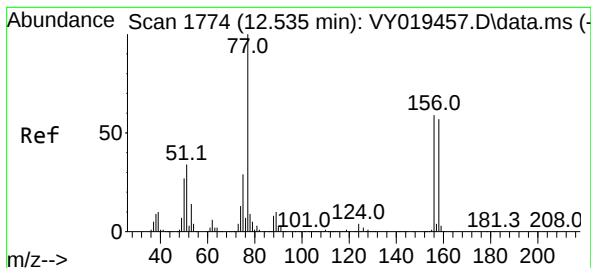
Tgt Ion: 83 Resp: 64405
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 63.6 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 36.415 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 75 Resp: 81702
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.901 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019597.D

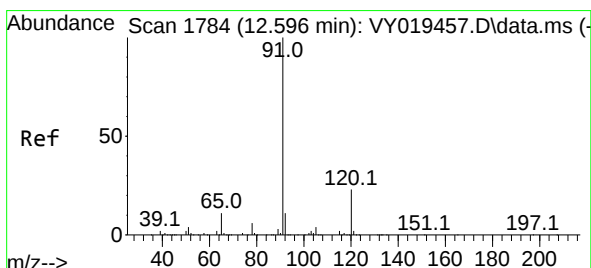
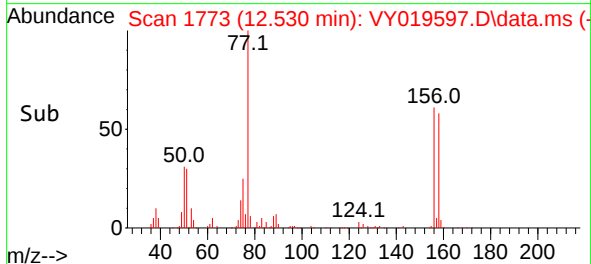
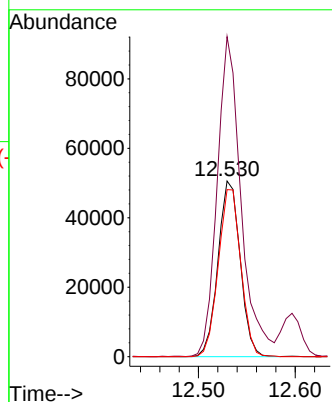
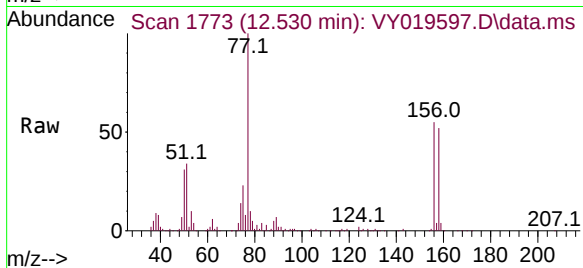
Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	80500
Ion Ratio	Lower	Upper	
156	100		
77	196.6	87.1	261.3
158	96.8	48.6	145.9



#78

n-propylbenzene

Concen: 22.287 ug/l

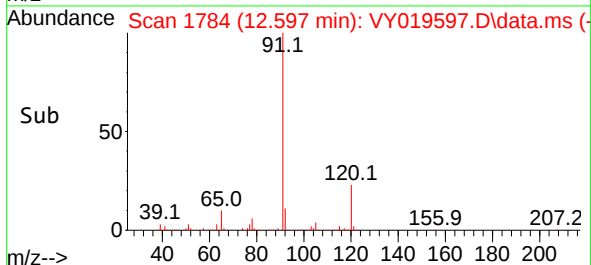
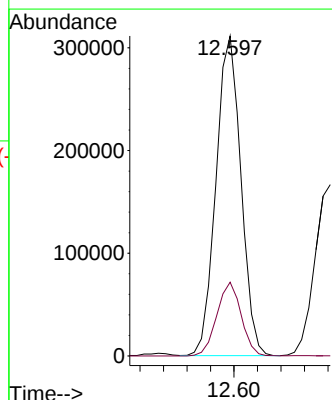
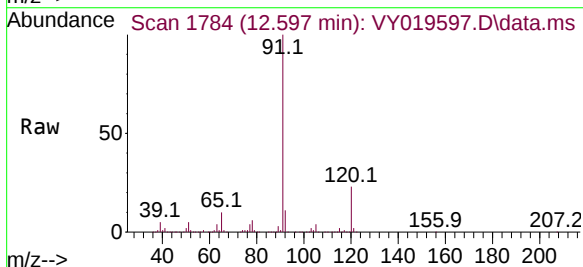
RT: 12.597 min Scan# 1784

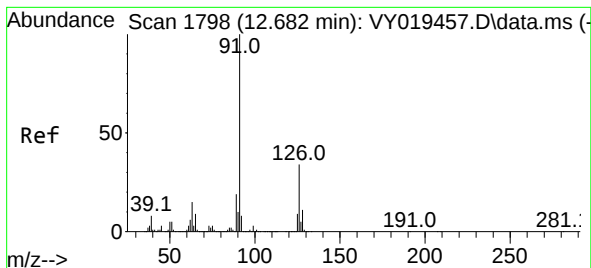
Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Tgt Ion:	91	Resp:	458742
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.4





#79

2-Chlorotoluene

Concen: 21.657 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

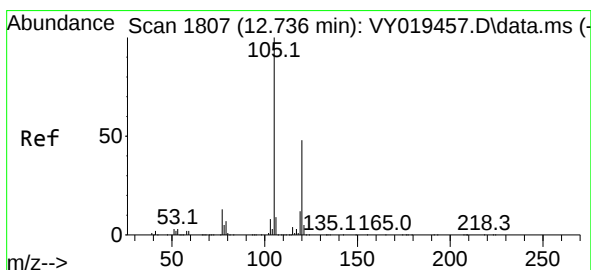
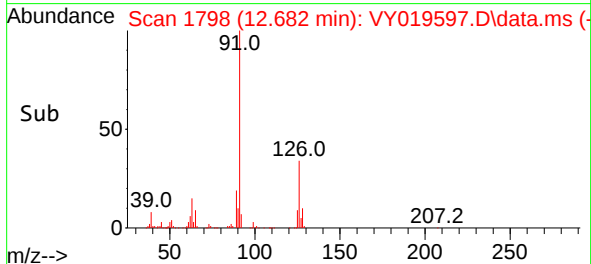
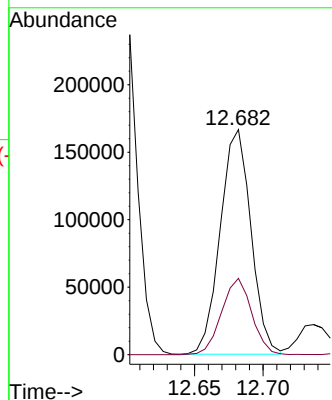
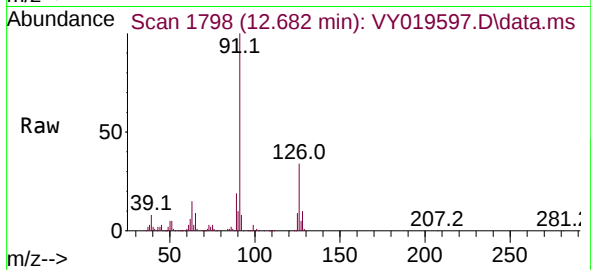
ClientSampleId :

Tgt Ion: 91 Resp: 259782

Ion Ratio Lower Upper

91 100

126 33.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 21.745 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019597.D

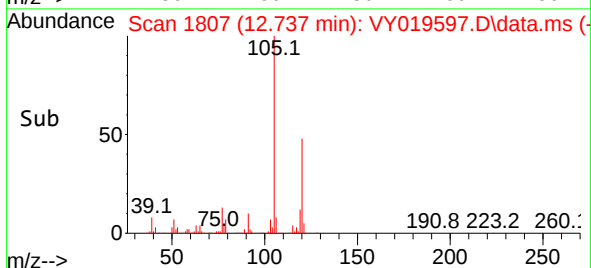
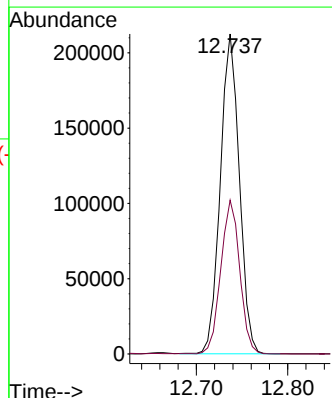
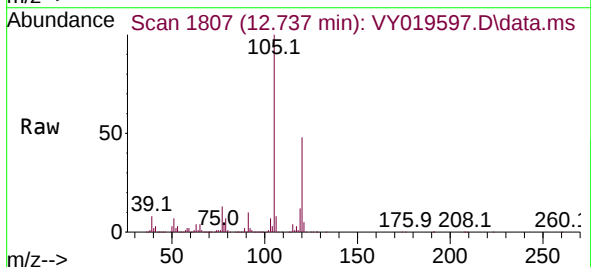
Acq: 18 Sep 2024 11:38

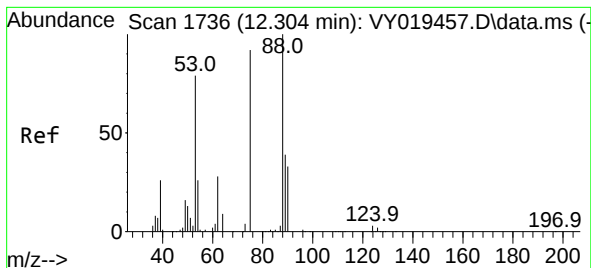
Tgt Ion: 105 Resp: 306993

Ion Ratio Lower Upper

105 100

120 48.1 25.1 75.2

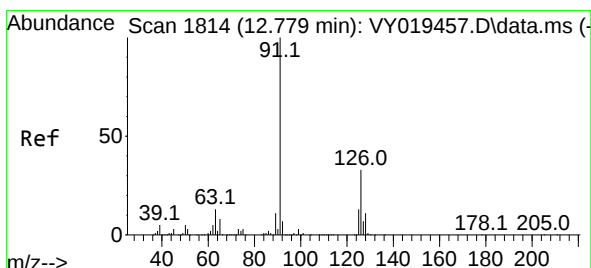
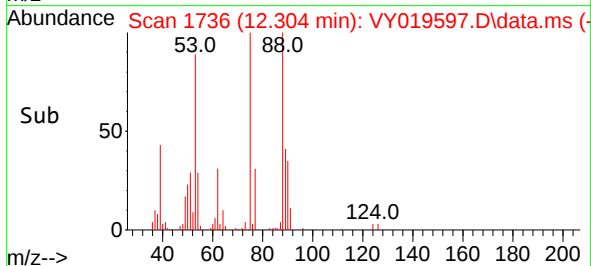
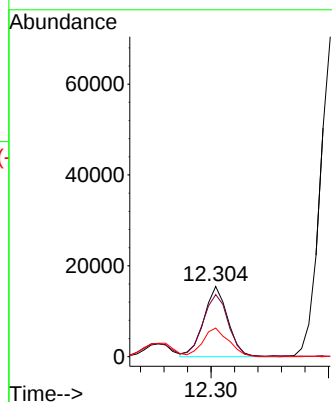
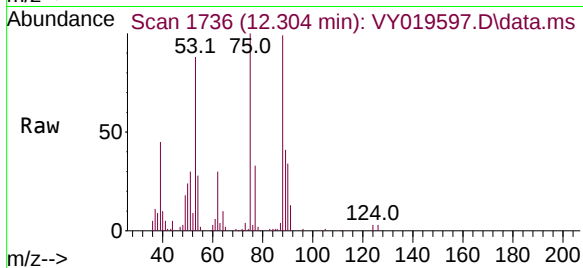




#81
trans-1,4-Dichloro-2-butene
Concen: 18.742 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

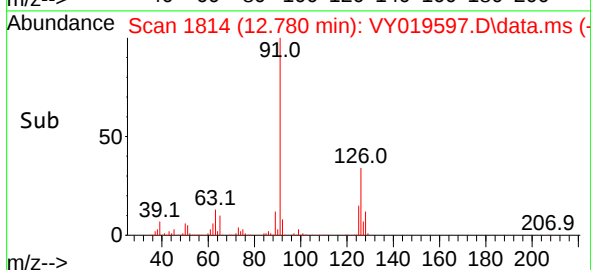
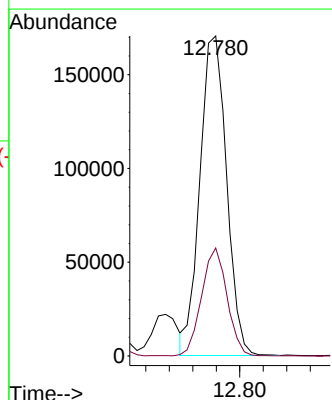
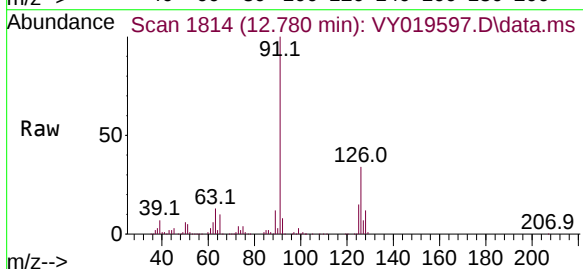
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21904
Ion Ratio Lower Upper
75 100
53 92.7 66.8 100.2
89 43.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.782 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion: 91 Resp: 268625
Ion Ratio Lower Upper
91 100
126 32.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 22.610 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

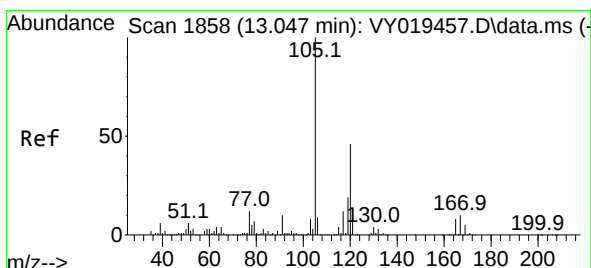
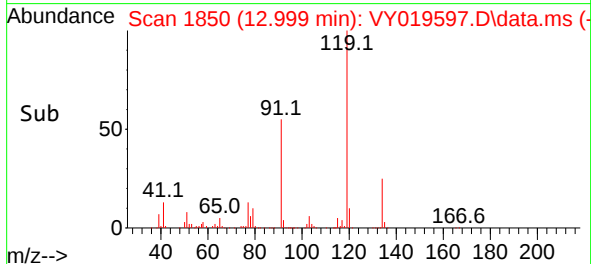
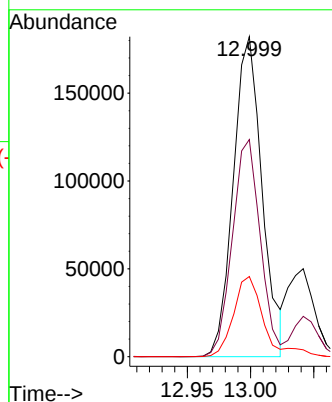
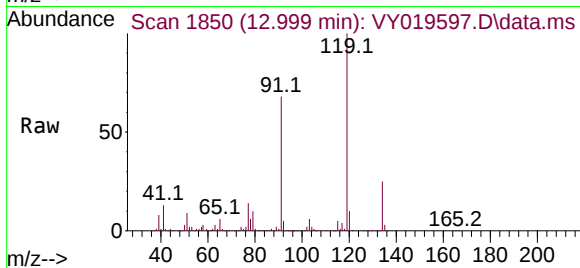
Tgt Ion:119 Resp: 288967

Ion Ratio Lower Upper

119 100

91 65.8 31.3 93.8

134 26.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 21.843 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019597.D

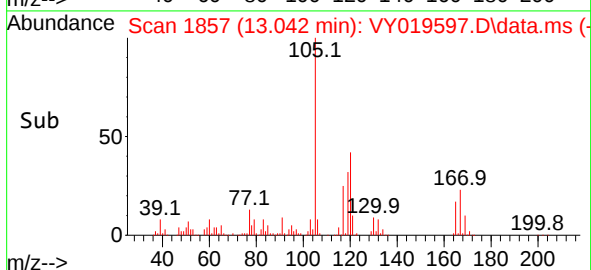
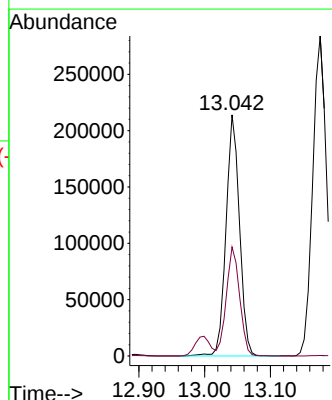
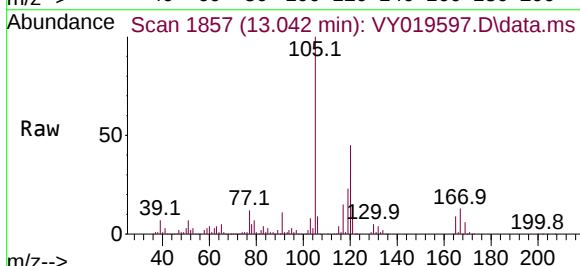
Acq: 18 Sep 2024 11:38

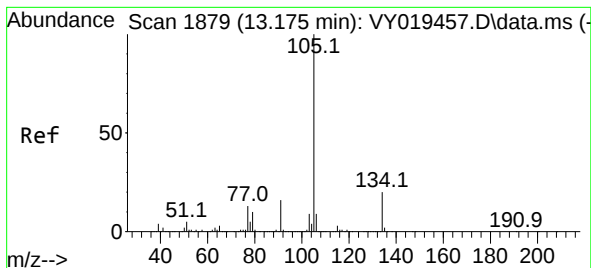
Tgt Ion:105 Resp: 305243

Ion Ratio Lower Upper

105 100

120 44.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.499 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

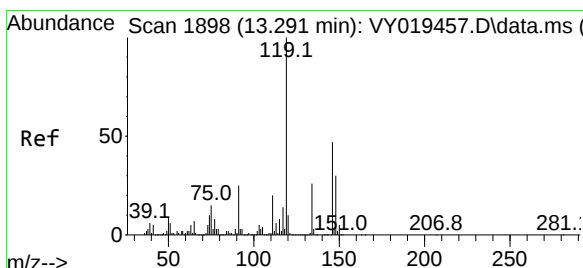
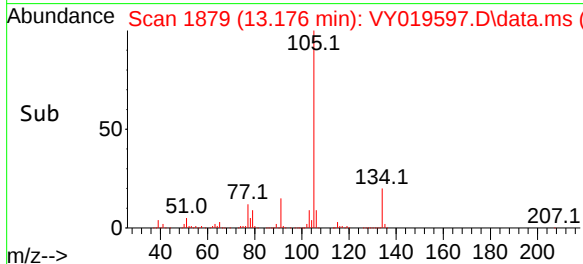
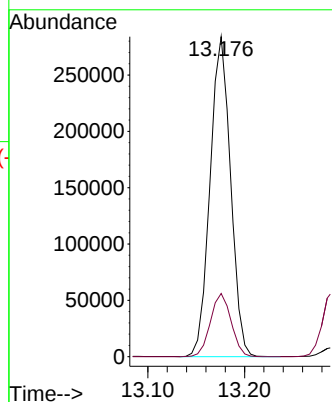
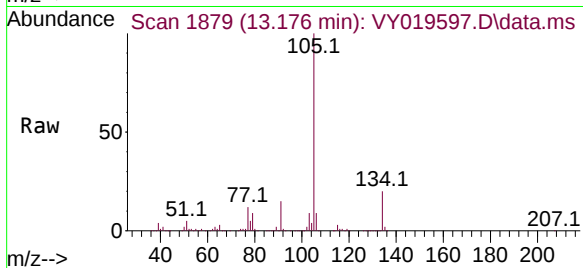
ClientSampleId :

Tgt Ion:105 Resp: 417742

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.1



#86

p-Isopropyltoluene

Concen: 22.424 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

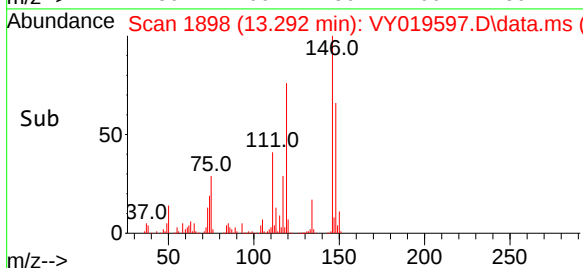
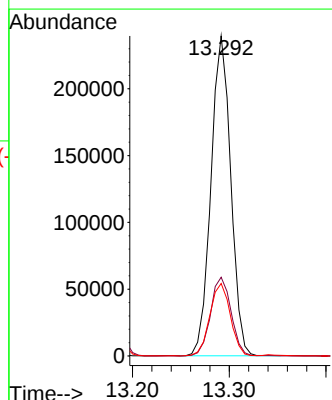
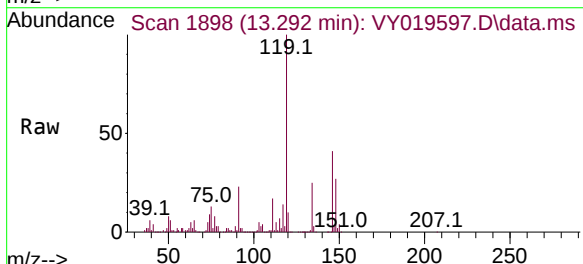
Tgt Ion:119 Resp: 340634

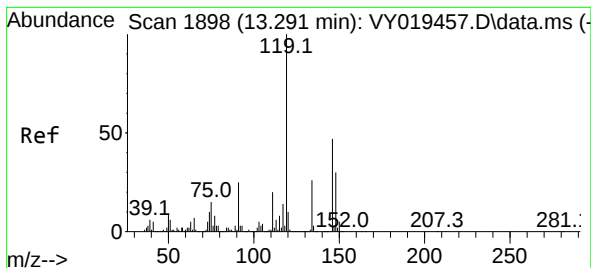
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 23.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.643 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

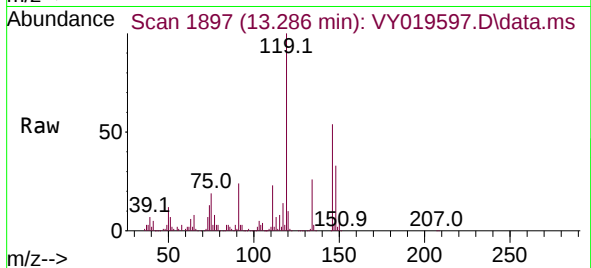
Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :



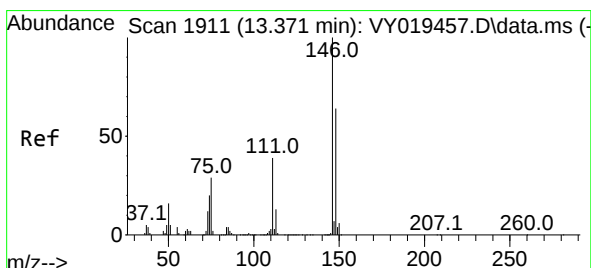
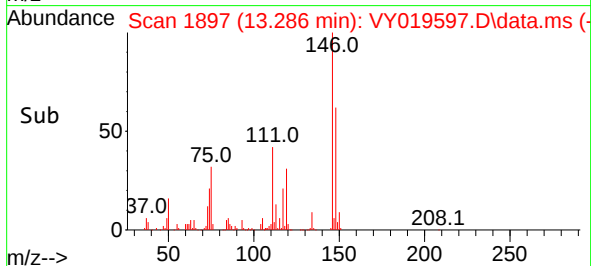
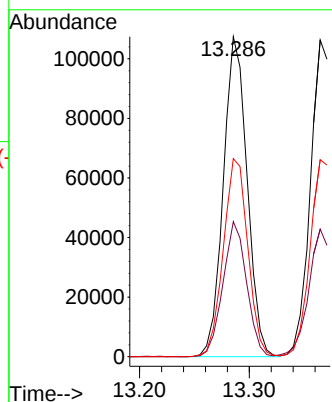
Tgt Ion:146 Resp: 161979

Ion Ratio Lower Upper

146 100

111 41.9 19.0 57.0

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.827 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

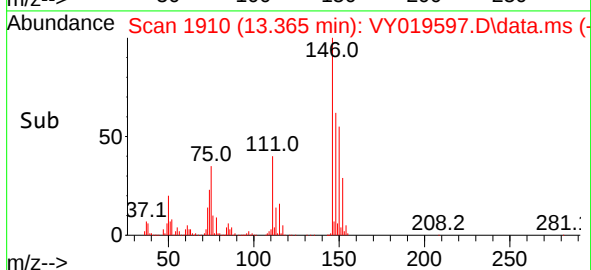
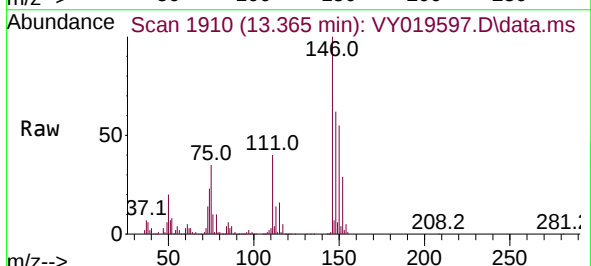
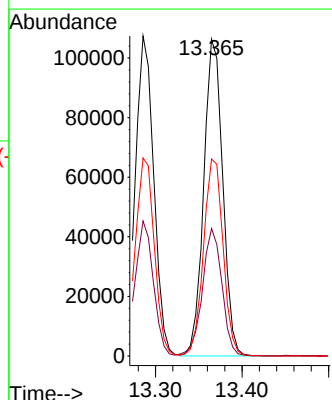
Tgt Ion:146 Resp: 162119

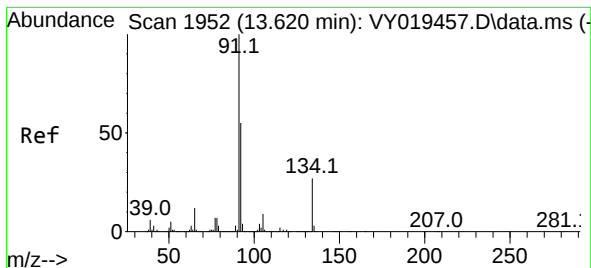
Ion Ratio Lower Upper

146 100

111 41.4 18.4 55.4

148 64.1 32.4 97.2





#89

n-Butylbenzene

Concen: 22.220 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

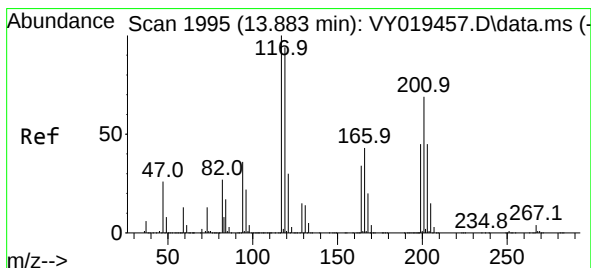
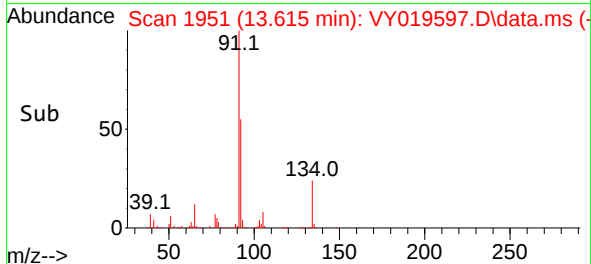
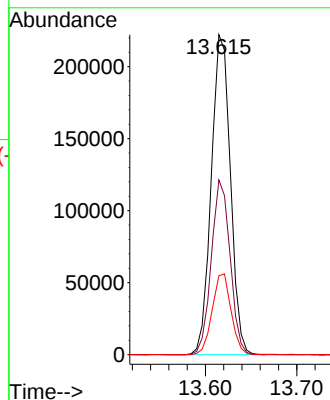
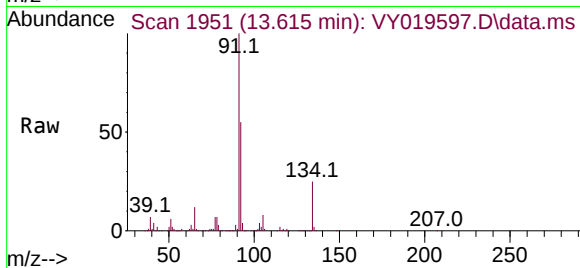
Tgt Ion: 91 Resp: 322690

Ion Ratio Lower Upper

91 100

92 53.6 26.6 79.7

134 25.0 12.9 38.7



#90

Hexachloroethane

Concen: 21.800 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019597.D

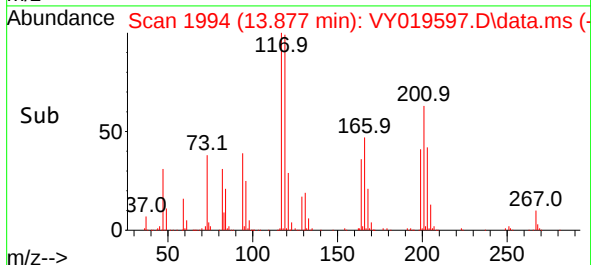
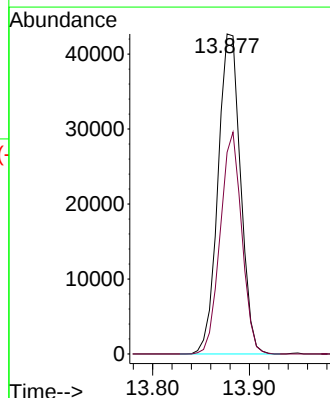
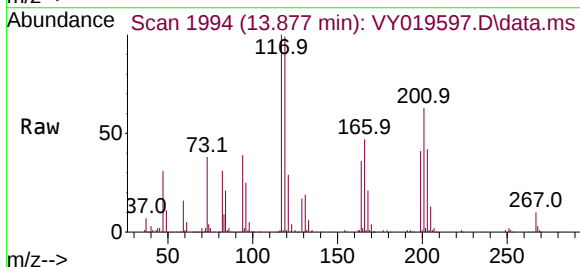
Acq: 18 Sep 2024 11:38

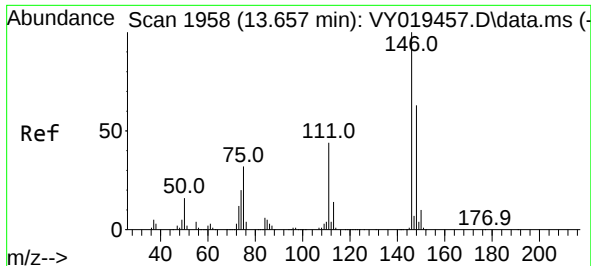
Tgt Ion: 117 Resp: 68903

Ion Ratio Lower Upper

117 100

201 66.1 37.4 112.2

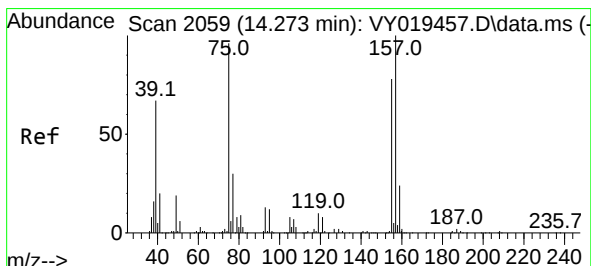
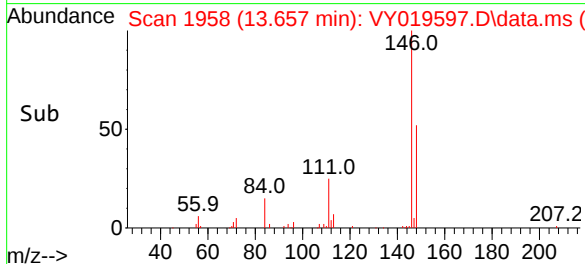
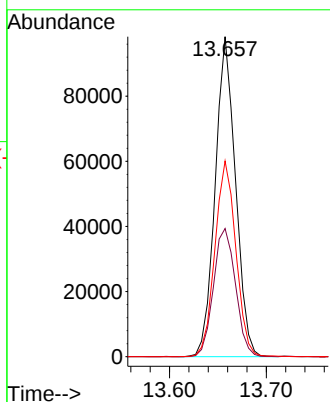
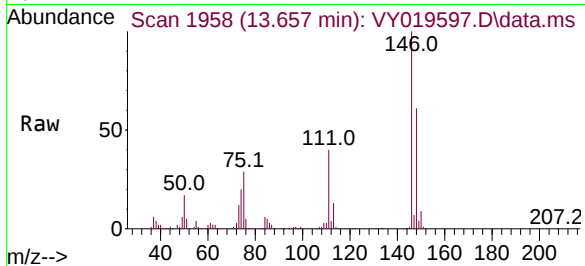




#91
1,2-Dichlorobenzene
Concen: 21.471 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

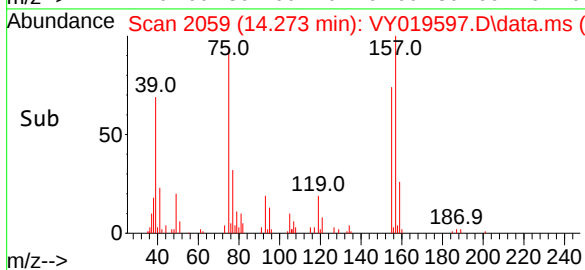
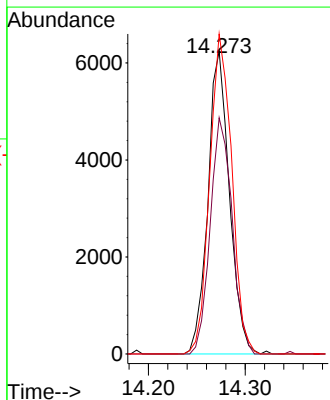
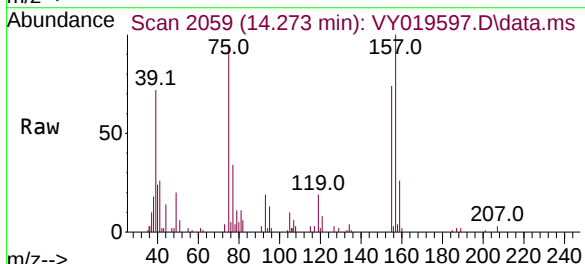
Instrument :
MSVOA_Y
ClientSampleId :

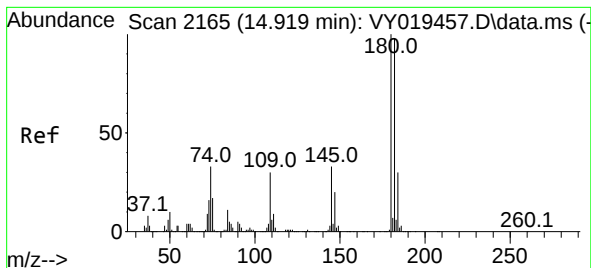
Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.4	19.9	59.7
148	63.1	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.822 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019597.D
Acq: 18 Sep 2024 11:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.0	48.6	145.8
157	108.0	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.506 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

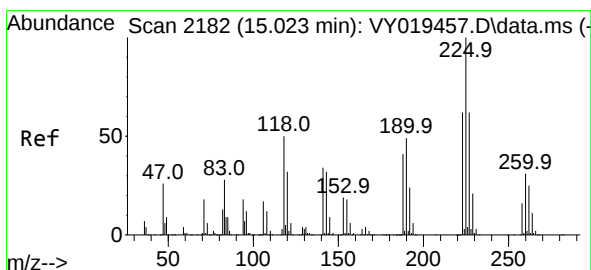
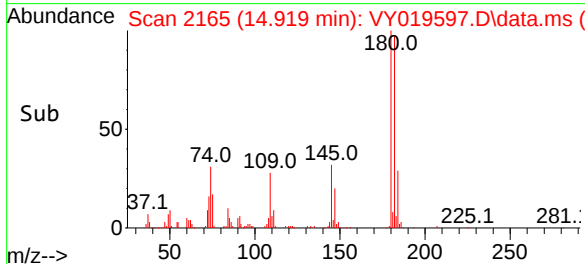
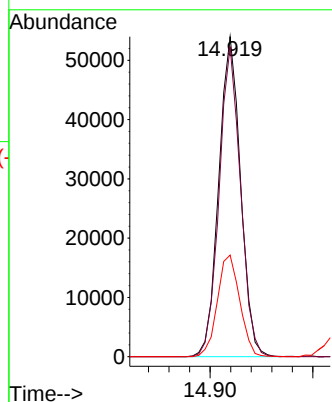
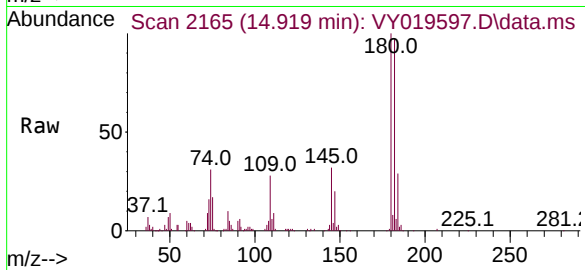
Tgt Ion:180 Resp: 79232

Ion Ratio Lower Upper

180 100

182 95.0 47.9 143.8

145 32.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.818 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

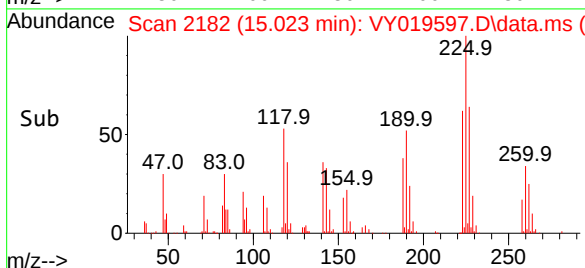
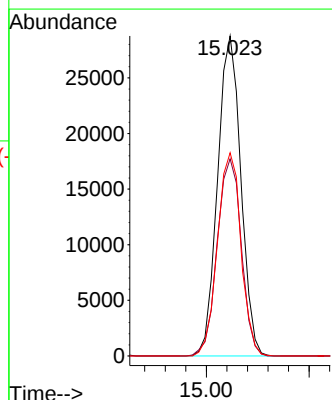
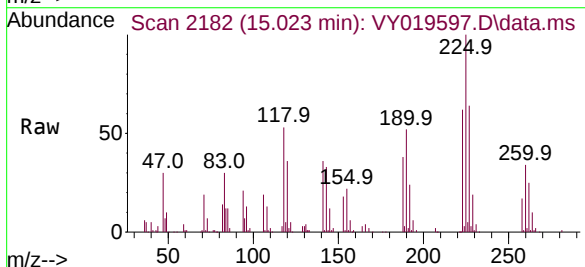
Tgt Ion:225 Resp: 45173

Ion Ratio Lower Upper

225 100

223 63.6 30.4 91.2

227 64.0 31.9 95.9





#95

Naphthalene

Concen: 17.870 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Instrument :

MSVOA_Y

ClientSampleId :

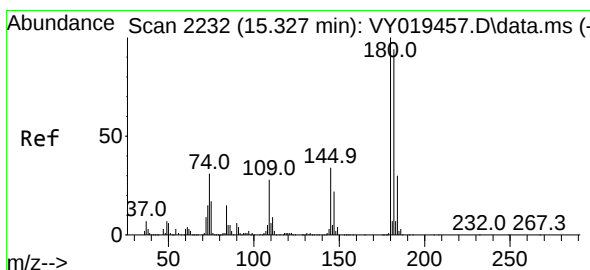
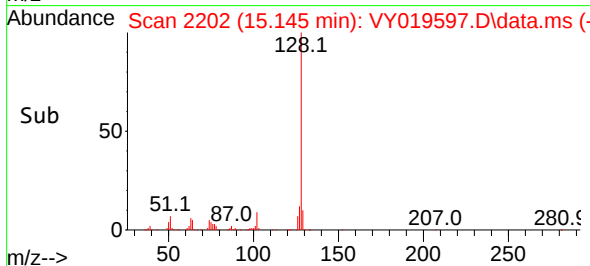
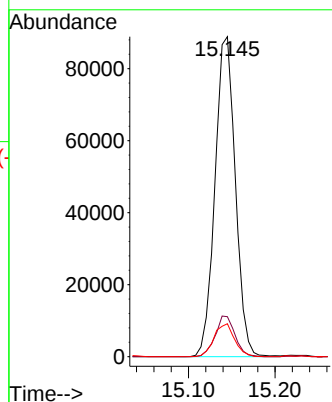
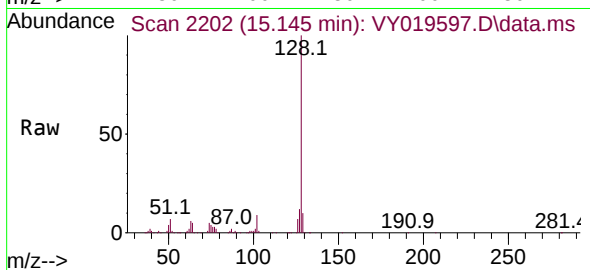
Tgt Ion:128 Resp: 145359

Ion Ratio Lower Upper

128 100

127 12.3 10.6 16.0

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.710 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019597.D

Acq: 18 Sep 2024 11:38

Tgt Ion:180 Resp: 65005

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 33.9 15.4 46.1

