

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019753.D
 Acq On : 01 Oct 2024 19:54
 Operator : SY/MD
 Sample : VY1001SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 03:20:04 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	289091	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	501880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	427879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	203065	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	151924	56.753	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.500%	
35) Dibromofluoromethane	7.634	113	148570	52.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.420%	
50) Toluene-d8	10.103	98	530413	50.395	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.800%	
62) 4-Bromofluorobenzene	12.402	95	200498	49.543	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 99.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	36435	20.655	ug/l	99
3) Chloromethane	2.068	50	45727	19.118	ug/l	97
4) Vinyl Chloride	2.202	62	52677	20.367	ug/l	96
5) Bromomethane	2.592	94	37212	23.424	ug/l	93
6) Chloroethane	2.733	64	37778	22.344	ug/l	98
7) Trichlorofluoromethane	3.056	101	91495	21.222	ug/l	99
8) Diethyl Ether	3.458	74	29159	20.149	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.812	101	57590	21.594	ug/l	95
10) Methyl Iodide	4.007	142	51076	14.937	ug/l	92
11) Tert butyl alcohol	4.872	59	34492	159.550	ug/l #	83
12) 1,1-Dichloroethene	3.787	96	47658	18.581	ug/l	89
13) Acrolein	3.659	56	10635	93.200	ug/l	97
14) Allyl chloride	4.385	41	87630	19.052	ug/l #	93
15) Acrylonitrile	5.067	53	74146	118.824	ug/l	99
16) Acetone	3.879	43	75263	118.016	ug/l #	87
17) Carbon Disulfide	4.104	76	92835	13.396	ug/l	97
18) Methyl Acetate	4.397	43	36625	21.162	ug/l	91
19) Methyl tert-butyl Ether	5.122	73	163299	22.480	ug/l	95
20) Methylene Chloride	4.616	84	67793	23.309	ug/l #	84
21) trans-1,2-Dichloroethene	5.116	96	52908	18.820	ug/l	89
22) Diisopropyl ether	6.025	45	212357	22.483	ug/l	93
23) Vinyl Acetate	5.964	43	600123	111.235	ug/l #	93
24) 1,1-Dichloroethane	5.921	63	116443	21.970	ug/l	98
25) 2-Butanone	6.896	43	111850	123.316	ug/l #	85
26) 2,2-Dichloropropane	6.884	77	104976	21.957	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	73142	21.418	ug/l	87
28) Bromochloromethane	7.250	49	49296	22.105	ug/l #	80
29) Tetrahydrofuran	7.268	42	63163	114.533	ug/l #	84
30) Chloroform	7.421	83	124084	22.933	ug/l	97
31) Cyclohexane	7.701	56	87054	18.171	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	105844	21.825	ug/l	96
36) 1,1-Dichloropropene	7.835	75	76705	19.810	ug/l	96
37) Ethyl Acetate	6.988	43	44785	22.574	ug/l	97
38) Carbon Tetrachloride	7.823	117	90395	20.702	ug/l	95
39) Methylcyclohexane	9.109	83	91549	17.767	ug/l #	88
40) Benzene	8.079	78	241934	20.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	22504	19.459	ug/l	94
42) 1,2-Dichloroethane	8.158	62	72550	22.608	ug/l	95
43) Isopropyl Acetate	8.201	43	93209	22.363	ug/l #	89
44) Trichloroethene	8.866	130	60302	19.661	ug/l	88
45) 1,2-Dichloropropane	9.140	63	63473	21.770	ug/l	95
46) Dibromomethane	9.231	93	34403	21.577	ug/l	93
47) Bromodichloromethane	9.420	83	95602	22.306	ug/l	98
48) Methyl methacrylate	9.219	41	41465	21.067	ug/l	84
49) 1,4-Dioxane	9.231	88	8264	440.288	ug/l #	84
51) 4-Methyl-2-Pentanone	9.993	43	243090	115.928	ug/l	91
52) Toluene	10.170	92	154845	20.188	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	84919	20.785	ug/l	98
54) cis-1,3-Dichloropropene	9.853	75	96092	20.199	ug/l #	83
55) 1,1,2-Trichloroethane	10.567	97	48834	22.179	ug/l	96
56) Ethyl methacrylate	10.438	69	70800	21.168	ug/l #	78
57) 1,3-Dichloropropane	10.713	76	84437	22.310	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	163716	105.462	ug/l	96
59) 2-Hexanone	10.755	43	170649	111.005	ug/l	89
60) Dibromochloromethane	10.908	129	63932	21.950	ug/l	100
61) 1,2-Dibromoethane	11.012	107	44143	21.517	ug/l	97
64) Tetrachloroethene	10.646	164	52422	19.785	ug/l	94
65) Chlorobenzene	11.438	112	177453	21.084	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.511	131	63753	21.877	ug/l	97
67) Ethyl Benzene	11.518	91	310672	20.774	ug/l	99
68) m/p-Xylenes	11.627	106	229802	40.638	ug/l	92
69) o-Xylene	11.950	106	113330	20.493	ug/l	93
70) Styrene	11.969	104	192796	20.648	ug/l	95
71) Bromoform	12.127	173	34937	20.990	ug/l #	99
73) Isopropylbenzene	12.249	105	309763	21.027	ug/l	99
74) N-amyl acetate	12.066	43	87229	21.772	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.499	83	60495	23.135	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	75188	39.504	ug/l #	100
77) Bromobenzene	12.530	156	66662	20.403	ug/l	86
78) n-propylbenzene	12.591	91	367725	21.060	ug/l	99
79) 2-Chlorotoluene	12.676	91	212970	20.929	ug/l	96
80) 1,3,5-Trimethylbenzene	12.731	105	245718	20.517	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.298	75	19287	19.453	ug/l #	87
82) 4-Chlorotoluene	12.773	91	218496	20.886	ug/l	95
83) tert-Butylbenzene	12.993	119	230233	21.235	ug/l	95
84) 1,2,4-Trimethylbenzene	13.036	105	247912	20.912	ug/l	97
85) sec-Butylbenzene	13.170	105	337893	21.453	ug/l	100
86) p-Isopropyltoluene	13.286	119	273478	21.222	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	134731	21.222	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	132202	20.982	ug/l	96
89) n-Butylbenzene	13.615	91	264289	21.453	ug/l	99
90) Hexachloroethane	13.877	117	56084	20.917	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	122951	21.702	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.267	75	9548	21.910	ug/l	77
93) 1,2,4-Trichlorobenzene	14.913	180	69358	20.129	ug/l	97
94) Hexachlorobutadiene	15.017	225	39325	21.363	ug/l	96
95) Naphthalene	15.139	128	135798	19.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.322	180	58945	19.999	ug/l	97

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ClientSampleId :

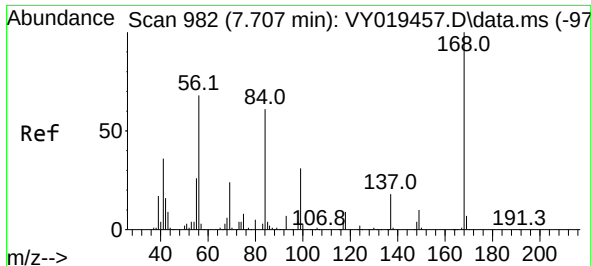
Quant Time: Oct 02 03:20:04 2024
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QLast Update : Mon Sep 09 16:00:30 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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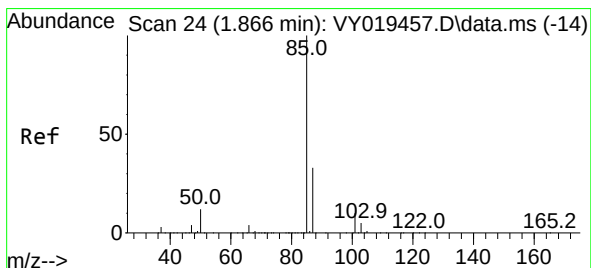
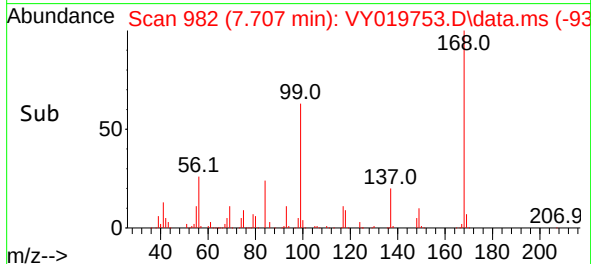
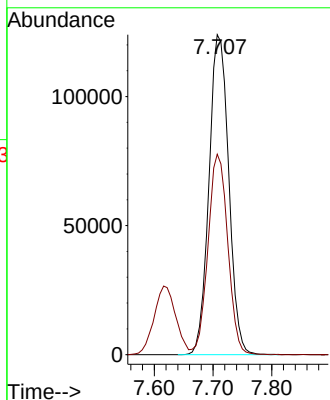
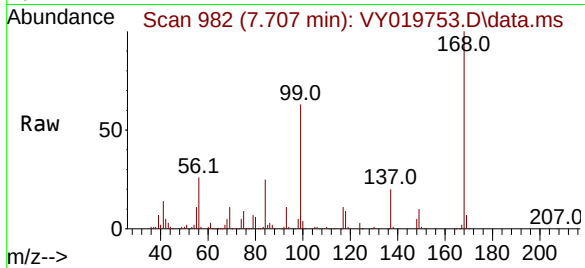




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019753.D
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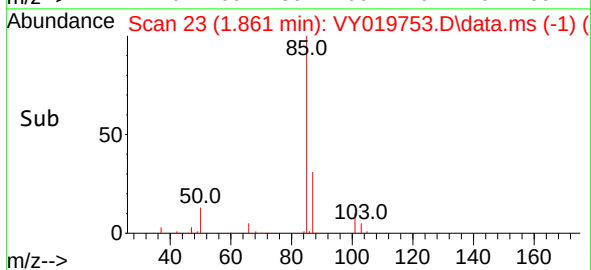
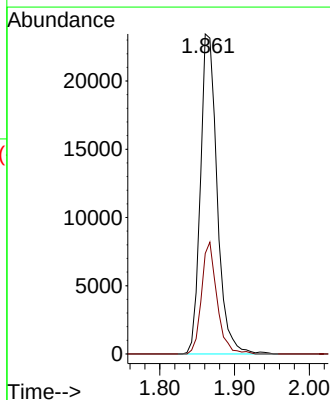
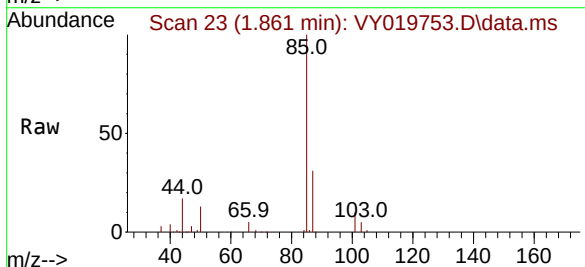
Instrument :
MSVOA_Y
ClientSampleId :

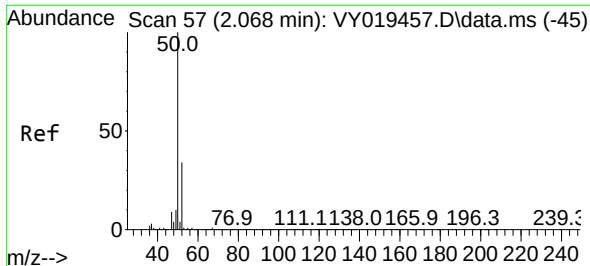
Tgt Ion:168 Resp: 289091
Ion Ratio Lower Upper
168 100
99 62.5 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 20.655 ug/l
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 85 Resp: 36435
Ion Ratio Lower Upper
85 100
87 31.4 16.0 48.0

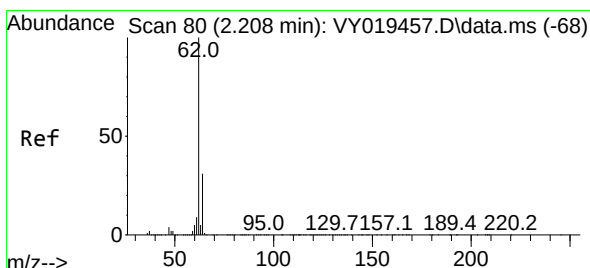
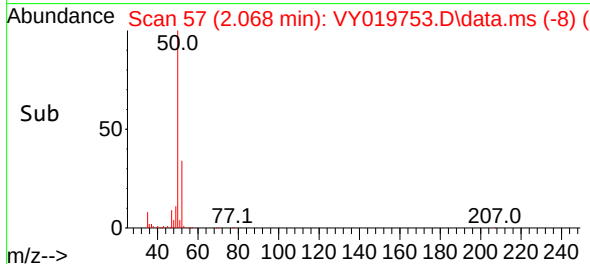
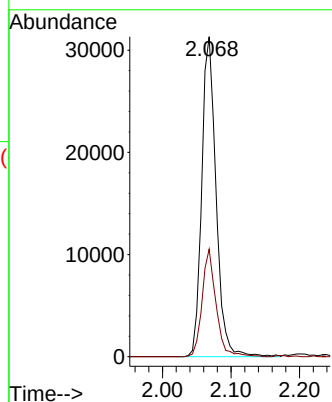
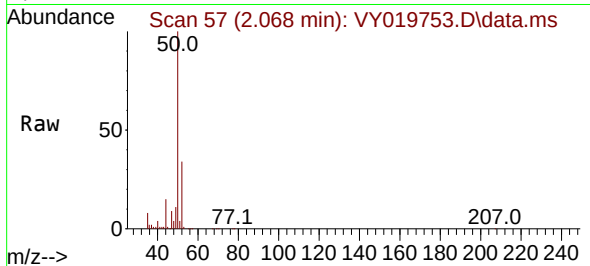




#3
Chloromethane
Concen: 19.118 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

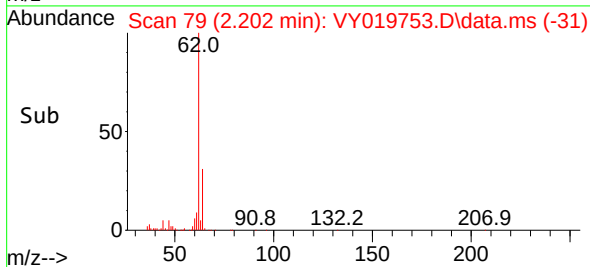
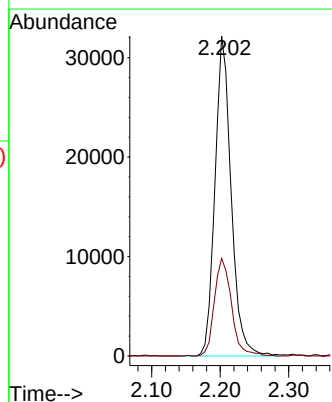
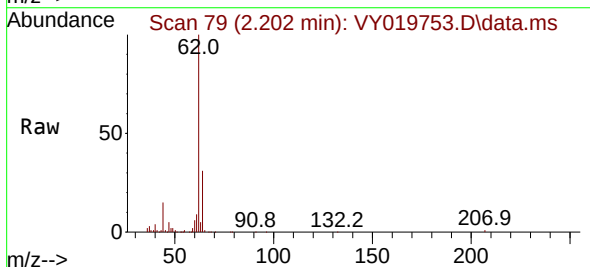
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ClientSampleId :

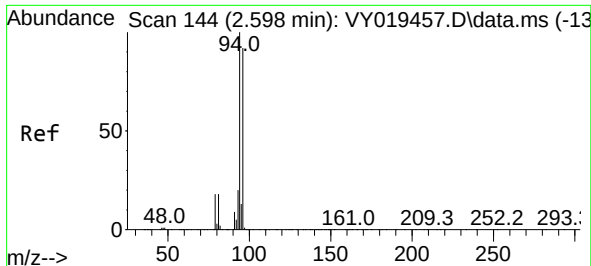
Tgt Ion: 50 Resp: 45727
Ion Ratio Lower Upper
50 100
52 33.6 25.6 38.4



#4
Vinyl Chloride
Concen: 20.367 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 62 Resp: 52677
Ion Ratio Lower Upper
62 100
64 30.5 26.1 39.1

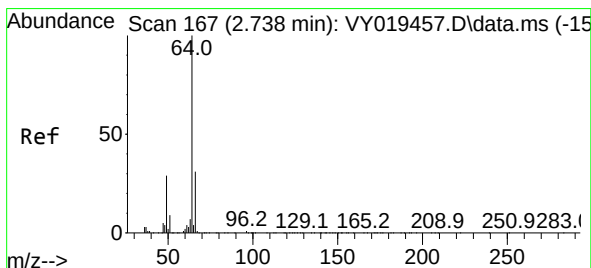
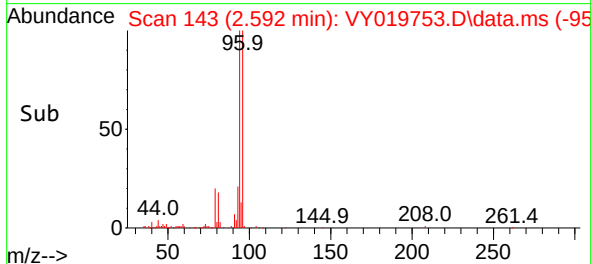
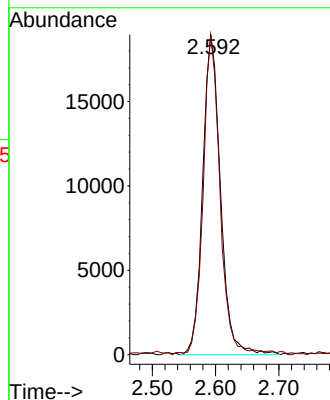
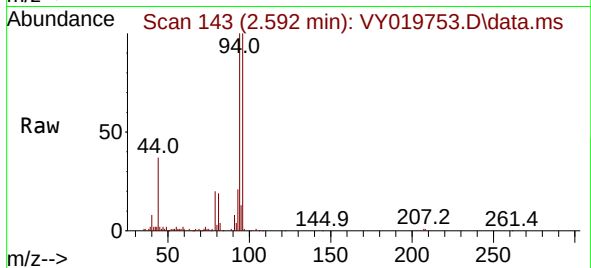




#5
Bromomethane
Concen: 23.424 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

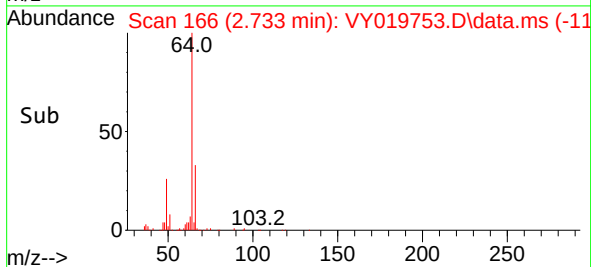
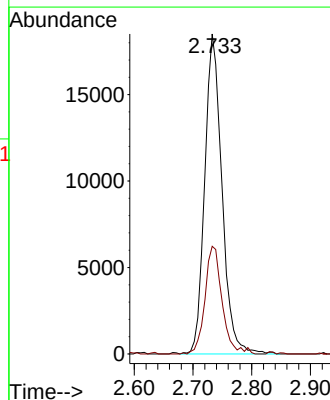
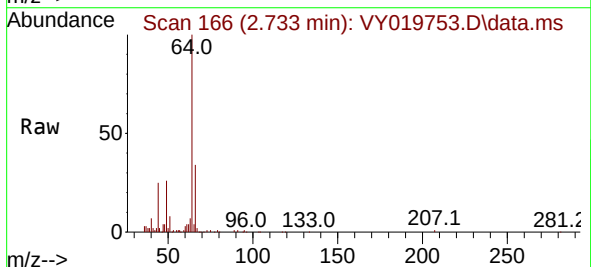
Instrument :
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ClientSampleId :

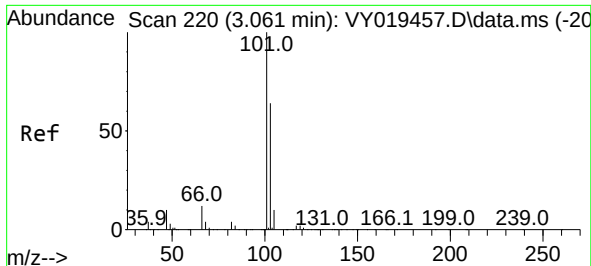
Tgt Ion: 94 Resp: 37212
Ion Ratio Lower Upper
94 100
96 99.1 74.1 111.1



#6
Chloroethane
Concen: 22.344 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 64 Resp: 37778
Ion Ratio Lower Upper
64 100
66 33.7 26.1 39.1

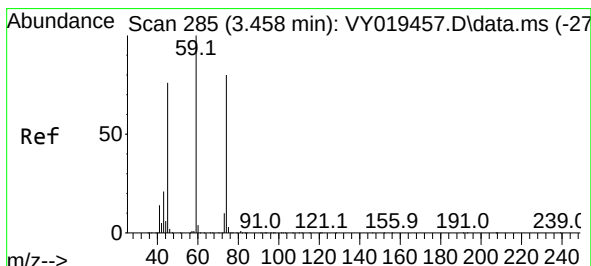
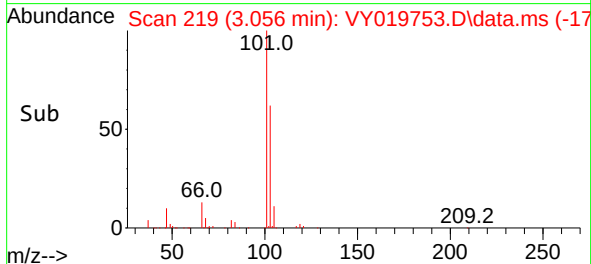
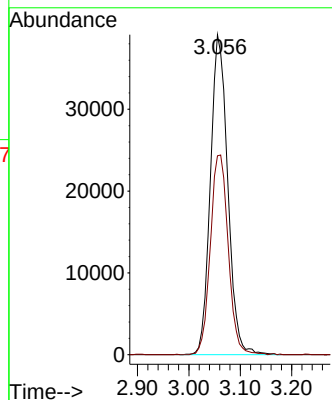
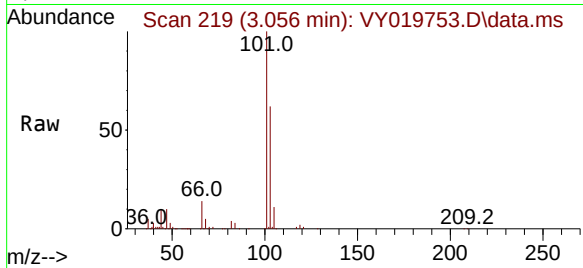




#7
 Trichlorofluoromethane
 Concen: 21.222 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

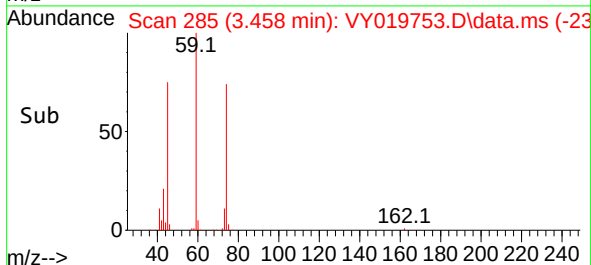
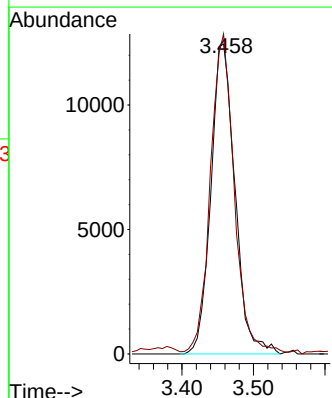
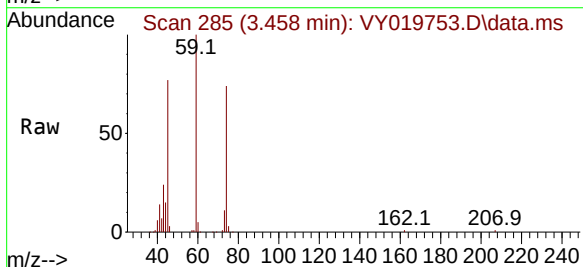
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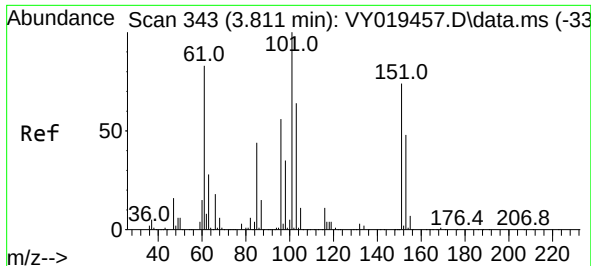
Tgt Ion:101 Resp: 91495
 Ion Ratio Lower Upper
 101 100
 103 62.1 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.149 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

Tgt Ion: 74 Resp: 29159
 Ion Ratio Lower Upper
 74 100
 45 100.3 41.3 124.1

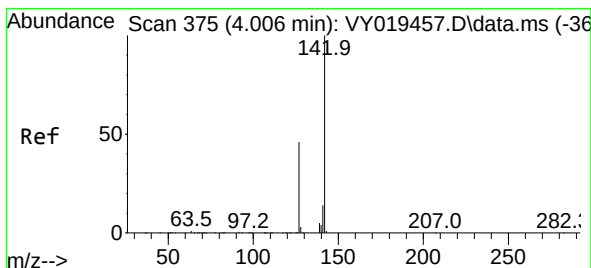
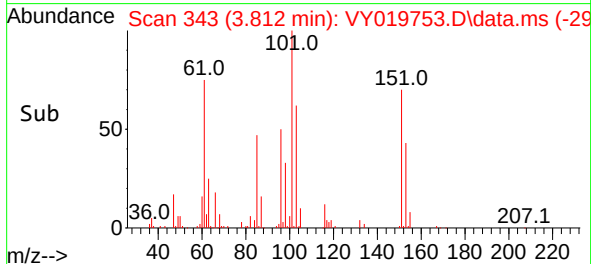
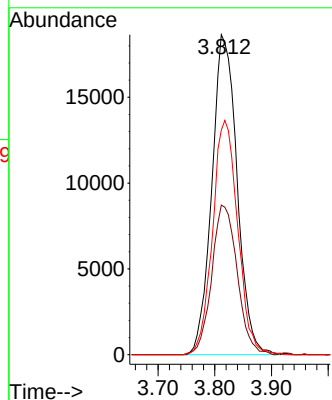
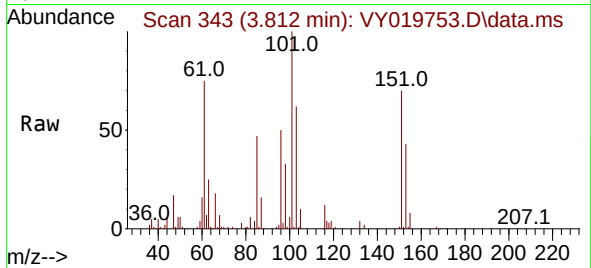




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.594 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

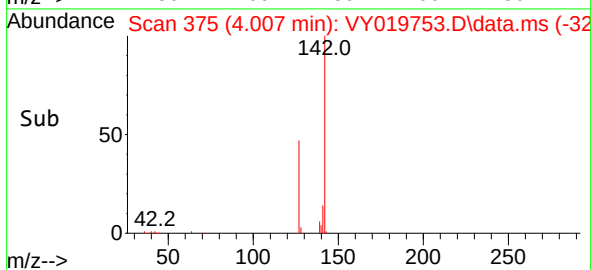
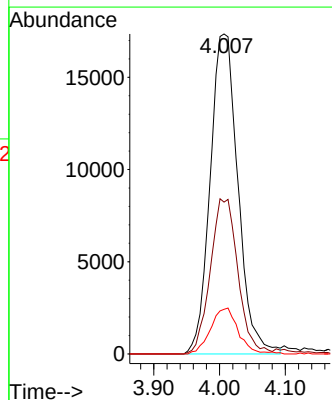
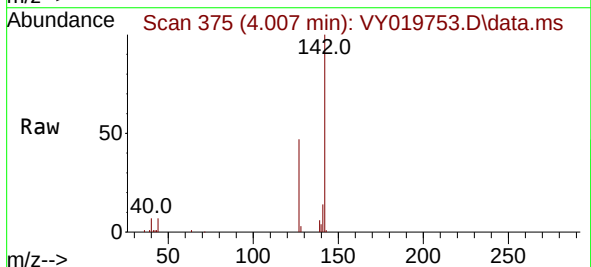
Instrument :
MSVOA_Y
ClientSampleId :

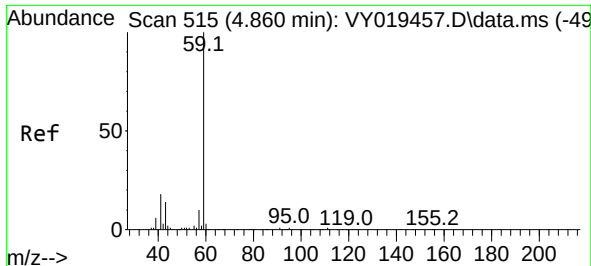
Tgt Ion:101 Resp: 57590
Ion Ratio Lower Upper
101 100
85 47.2 34.5 51.7
151 73.2 61.7 92.5



#10
Methyl Iodide
Concen: 14.937 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion:142 Resp: 51076
Ion Ratio Lower Upper
142 100
127 48.0 32.8 49.2
141 14.3 11.4 17.2

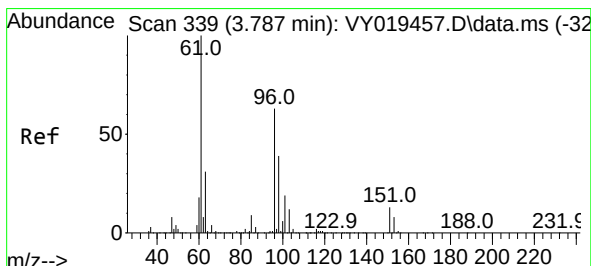
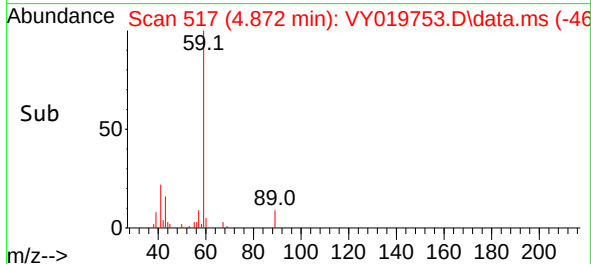
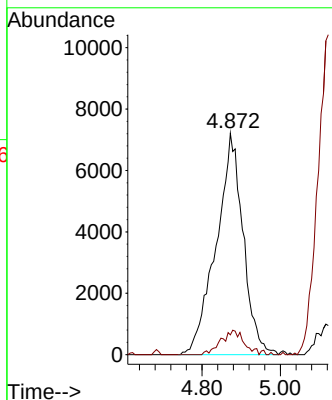
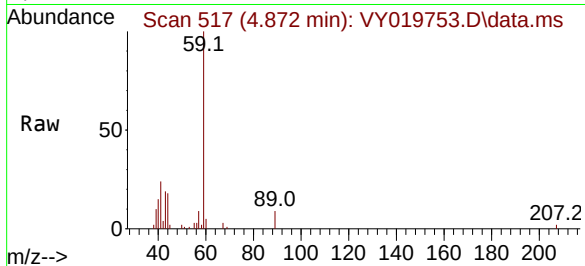




#11
Tert butyl alcohol
Concen: 159.550 ug/l
RT: 4.872 min Scan# 515
Delta R.T. 0.013 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

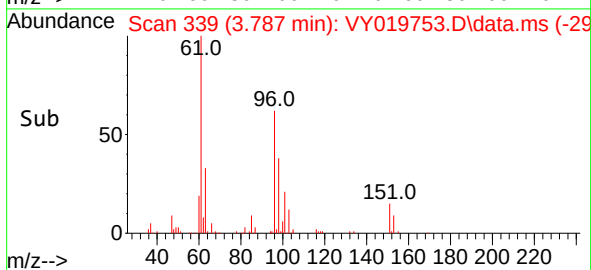
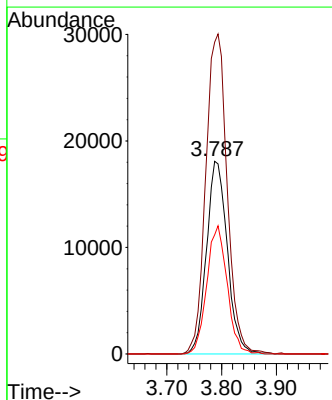
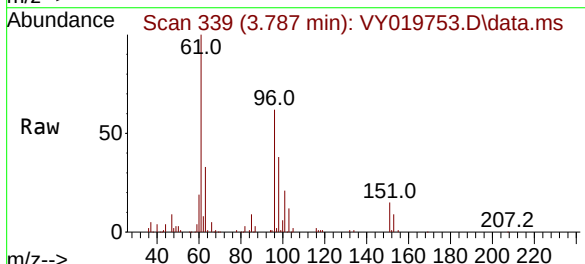
Instrument :
MSVOA_Y
ClientSampleId :

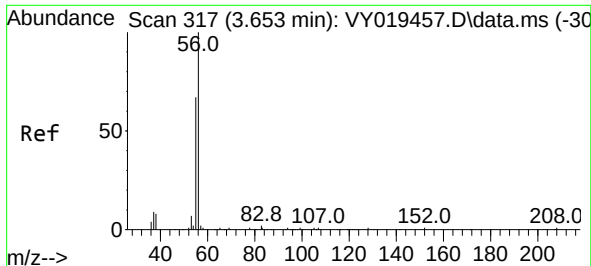
Tgt Ion: 59 Resp: 34492
Ion Ratio Lower Upper
59 100
57 9.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.581 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 96 Resp: 47658
Ion Ratio Lower Upper
96 100
61 161.8 114.6 171.8
98 61.9 50.8 76.2





#13

Acrolein

Concen: 93.200 ug/l

RT: 3.659 min Scan# 317

Delta R.T. 0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

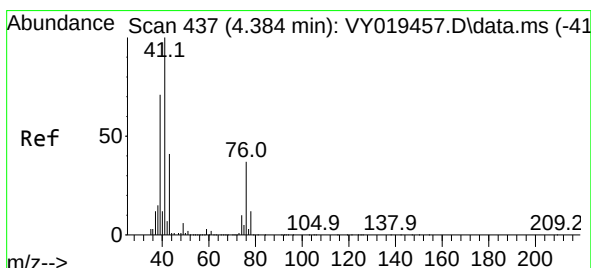
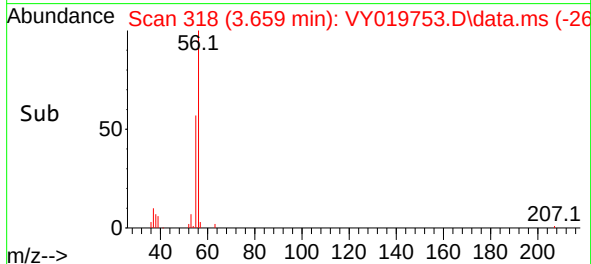
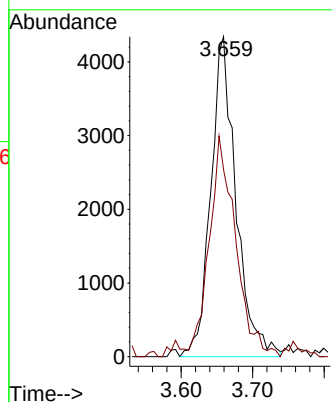
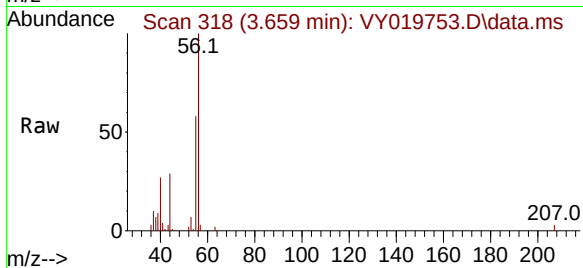
ClientSampleId :

Tgt Ion: 56 Resp: 10635

Ion Ratio Lower Upper

56 100

55 72.0 55.7 83.5



#14

Allyl chloride

Concen: 19.052 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

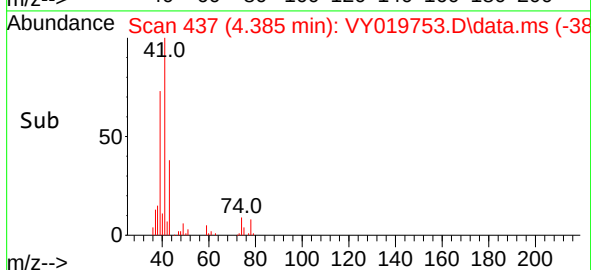
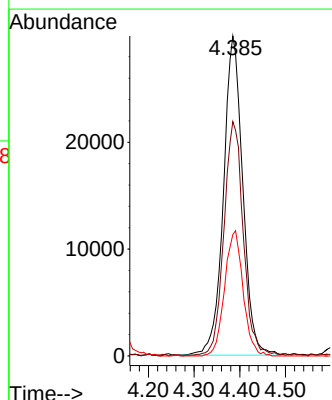
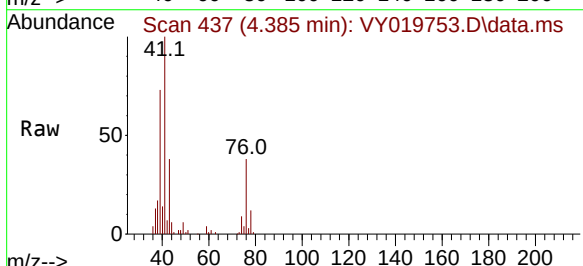
Tgt Ion: 41 Resp: 87630

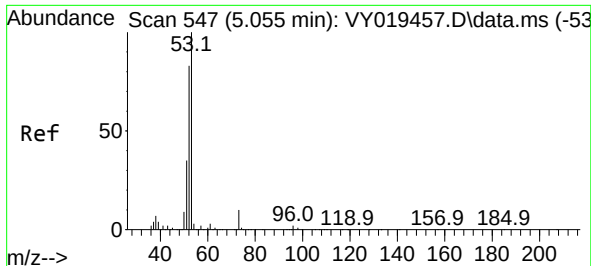
Ion Ratio Lower Upper

41 100

39 74.2 58.3 87.5

76 37.7 39.0 58.6#

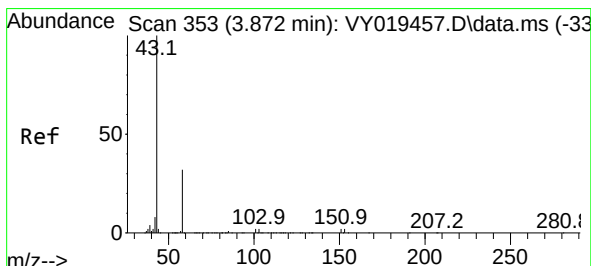
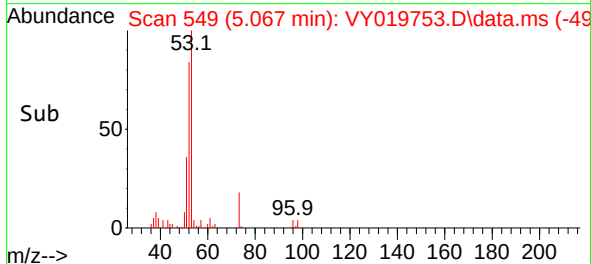
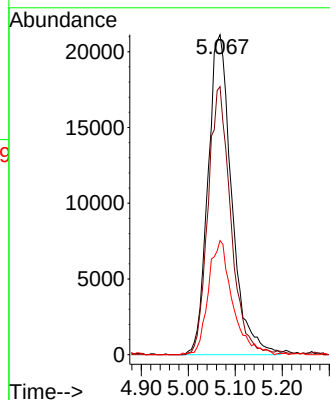
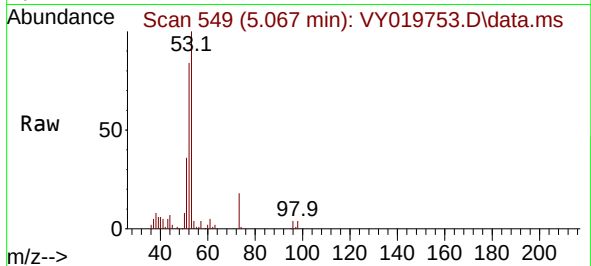




#15
Acrylonitrile
Concen: 118.824 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

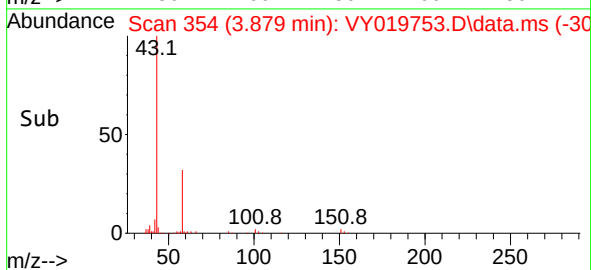
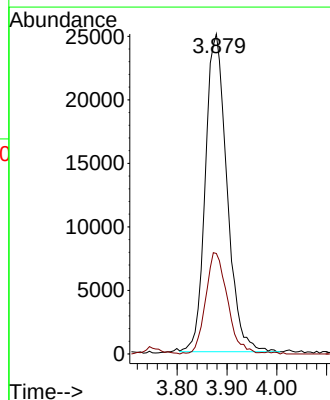
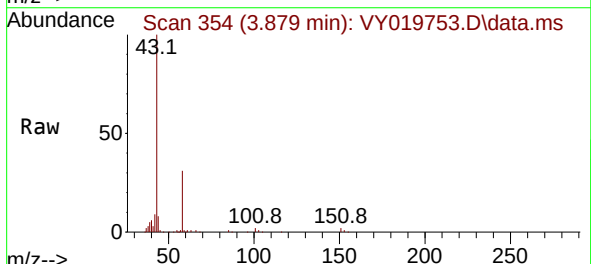
Instrument :
MSVOA_Y
ClientSampleId :

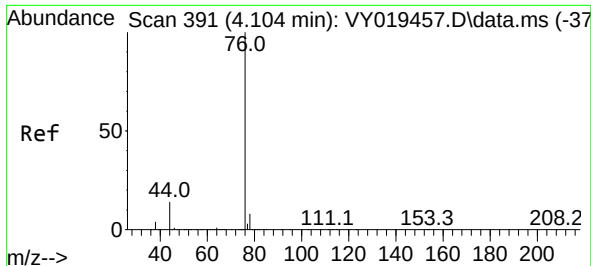
Tgt Ion: 53 Resp: 74146
Ion Ratio Lower Upper
53 100
52 80.1 64.7 97.1
51 36.2 28.4 42.6



#16
Acetone
Concen: 118.016 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 43 Resp: 75263
Ion Ratio Lower Upper
43 100
58 31.6 31.7 47.5#

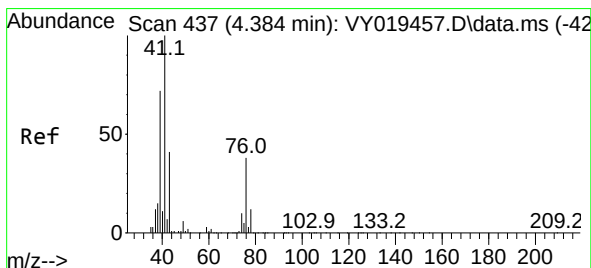
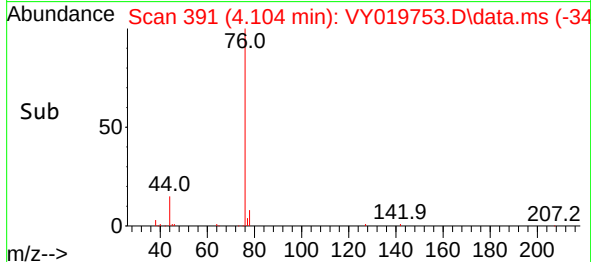
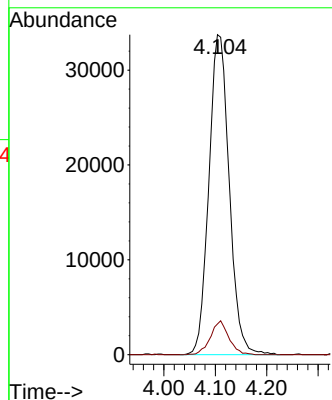
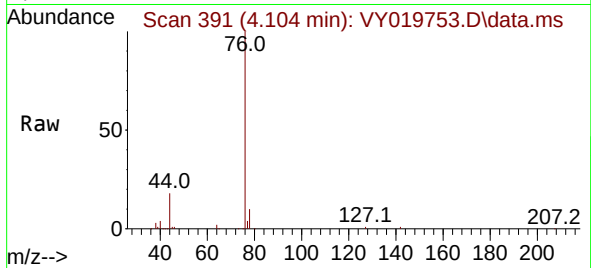




#17
Carbon Disulfide
Concen: 13.396 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

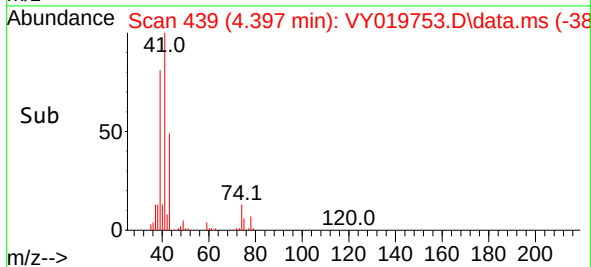
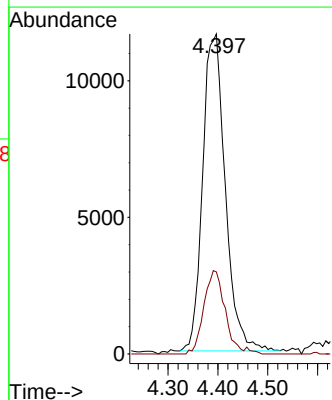
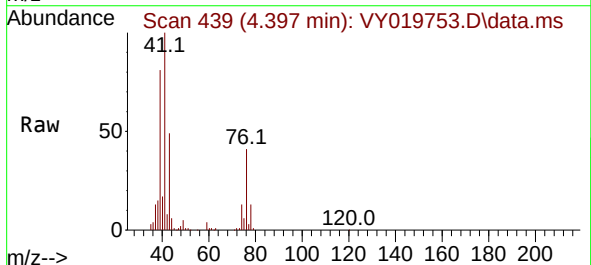
Instrument :
MSVOA_Y
ClientSampleId :

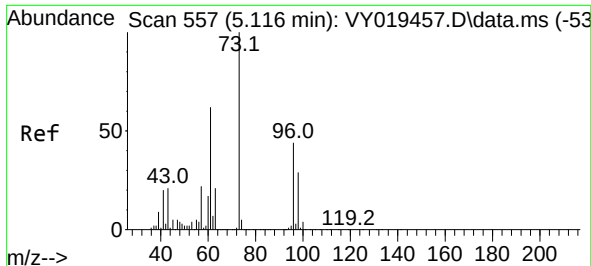
Tgt Ion: 76 Resp: 92835
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 21.162 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 43 Resp: 36625
Ion Ratio Lower Upper
43 100
74 24.2 23.3 34.9

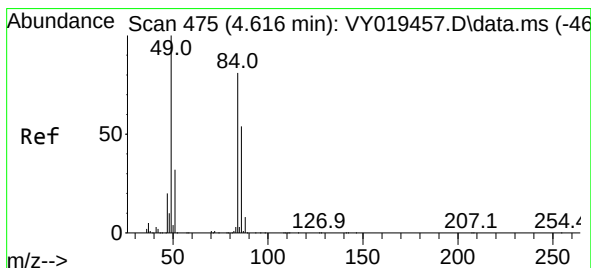
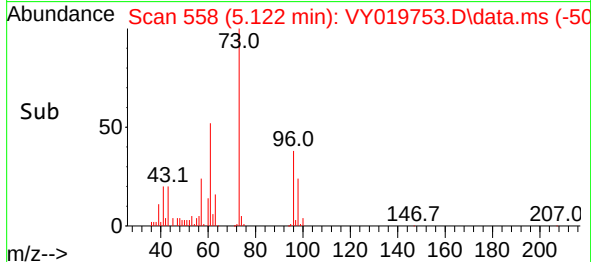
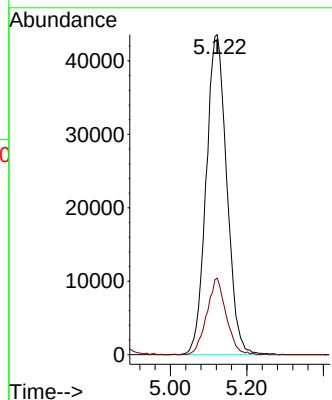
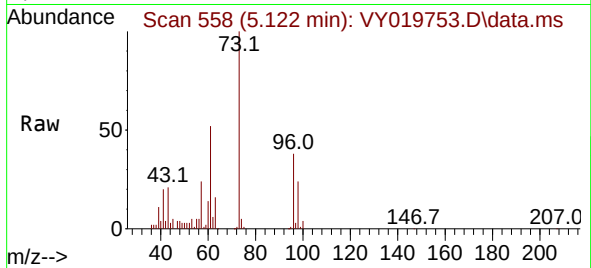




#19
Methyl tert-butyl Ether
Concen: 22.480 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

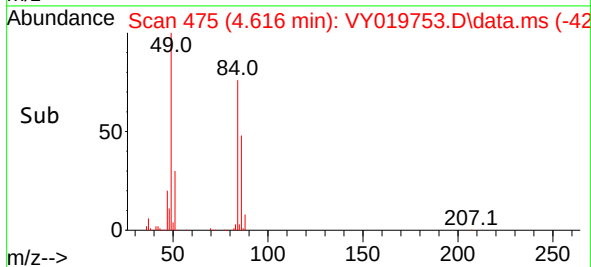
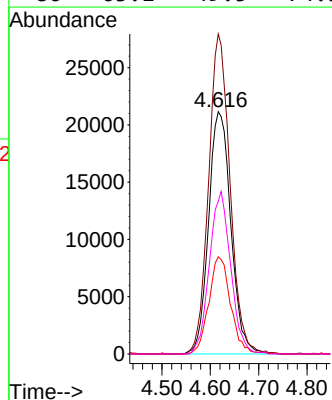
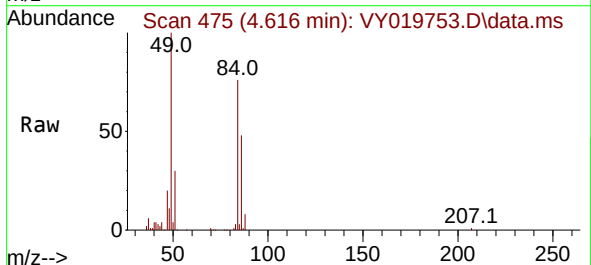
Instrument :
MSVOA_Y
ClientSampleId :

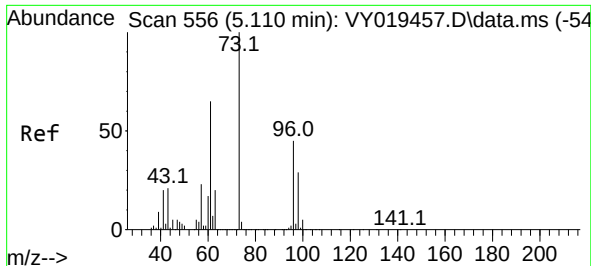
Tgt Ion: 73 Resp: 163299
Ion Ratio Lower Upper
73 100
57 23.9 17.3 25.9



#20
Methylene Chloride
Concen: 23.309 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 84 Resp: 67793
Ion Ratio Lower Upper
84 100
49 132.1 84.4 126.6#
51 40.1 26.0 39.0#
86 63.1 49.5 74.3

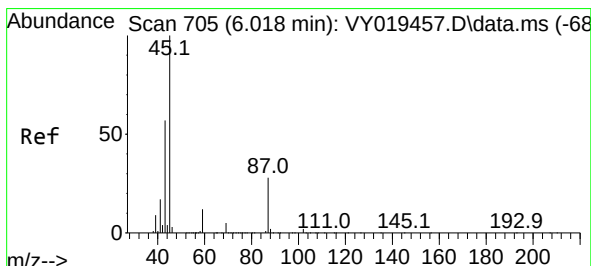
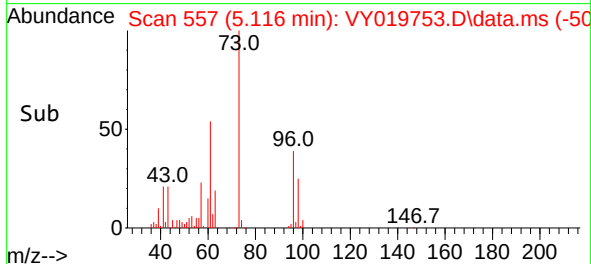
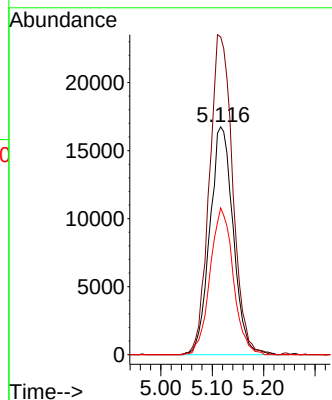
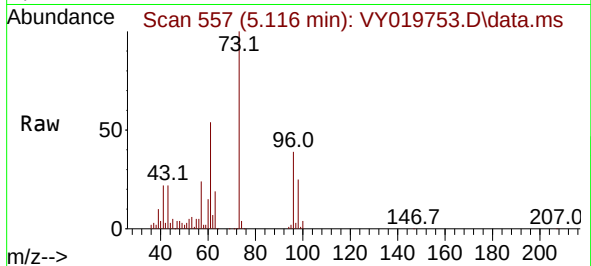




#21
trans-1,2-Dichloroethene
Concen: 18.820 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

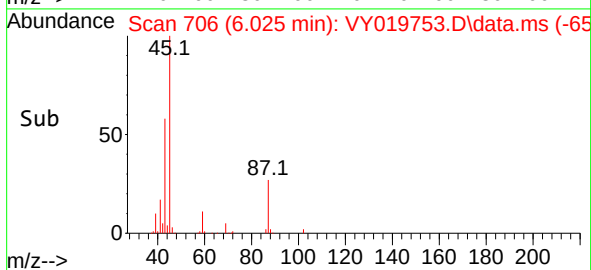
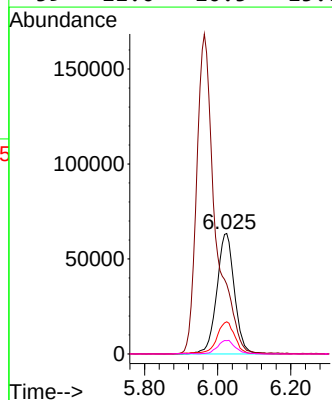
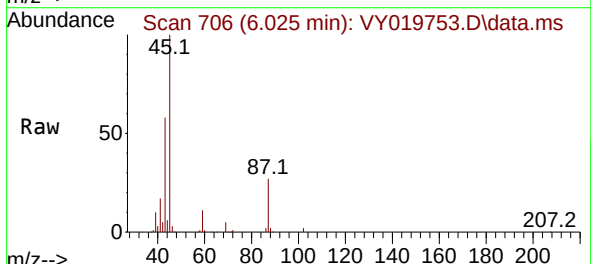
Instrument :
MSVOA_Y
ClientSampleId :

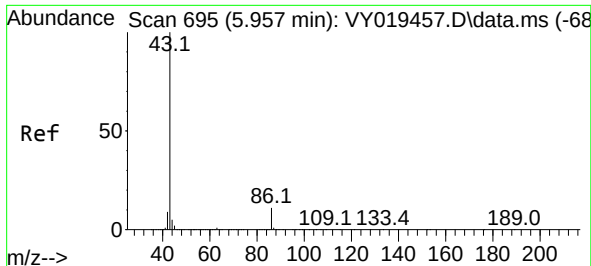
Tgt Ion: 96 Resp: 52908
Ion Ratio Lower Upper
96 100
61 139.4 97.5 146.3
98 64.4 50.5 75.7



#22
Diisopropyl ether
Concen: 22.483 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 45 Resp: 212357
Ion Ratio Lower Upper
45 100
43 57.2 42.2 63.2
87 26.8 25.0 37.6
59 11.0 10.5 15.7

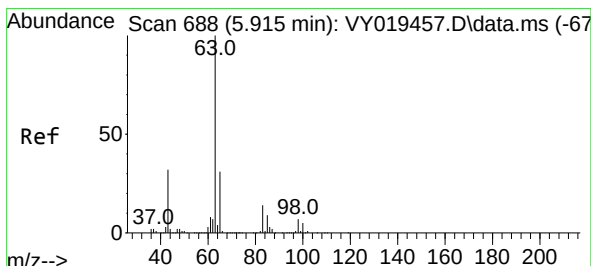
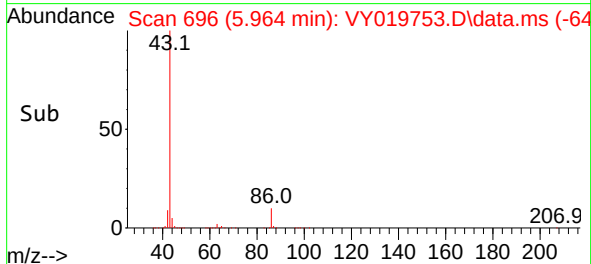
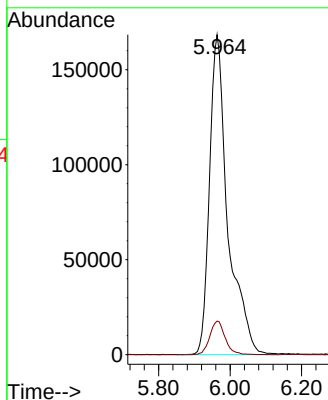
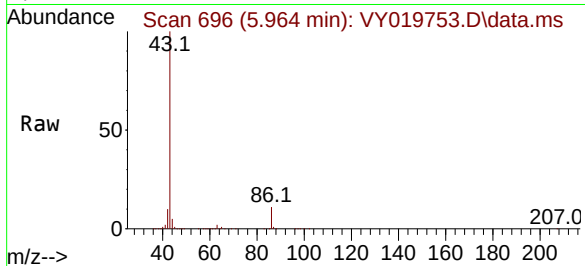




#23
 Vinyl Acetate
 Concen: 111.235 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

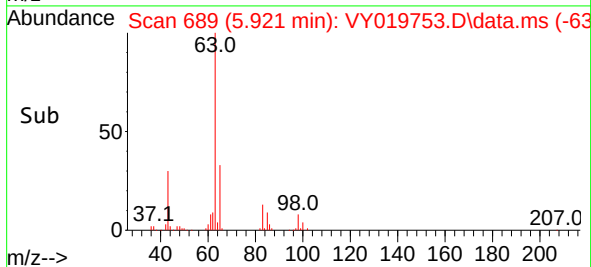
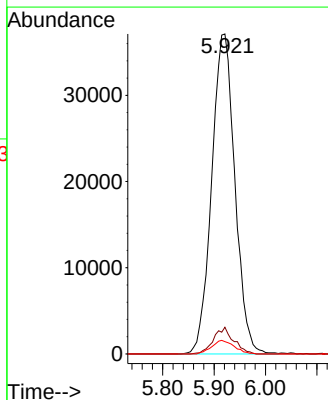
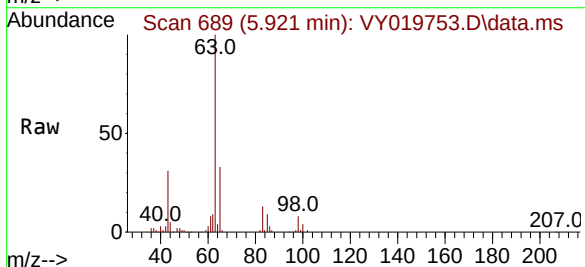
Instrument :
 MSVOA_Y
 ClientSampleId :

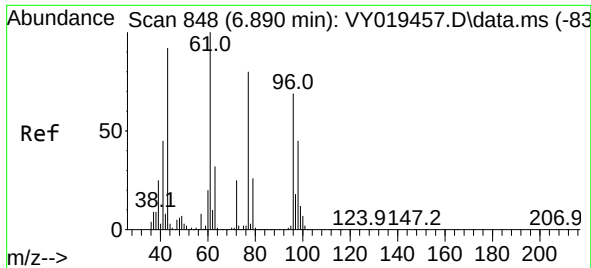
Tgt Ion: 43 Resp: 600123
 Ion Ratio Lower Upper
 43 100
 86 10.5 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.970 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

Tgt Ion: 63 Resp: 116443
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.0 12.2
 100 3.8 2.6 8.0

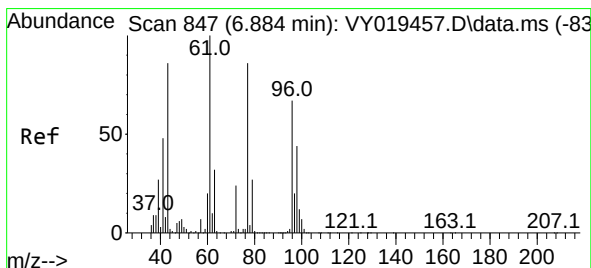
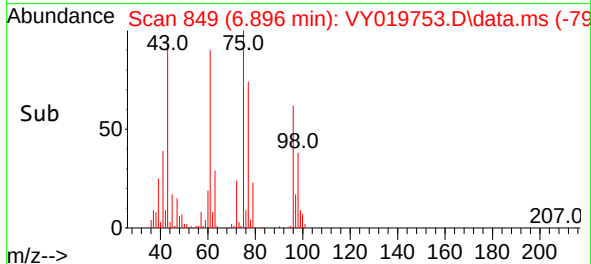
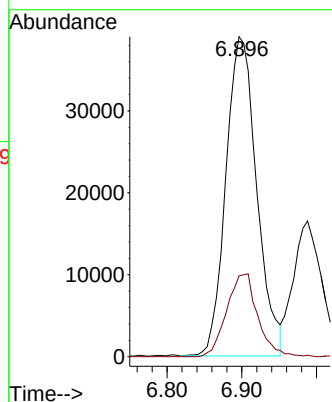
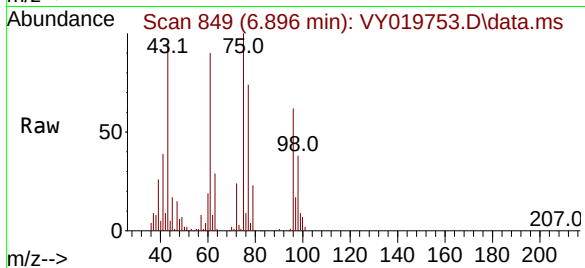




#25
2-Butanone
Concen: 123.316 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

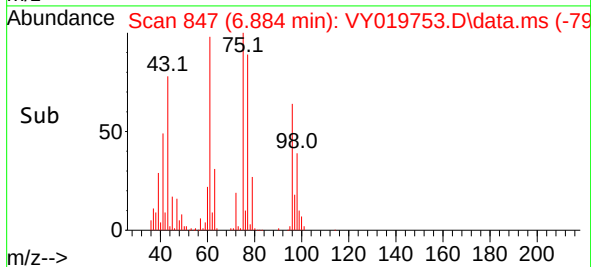
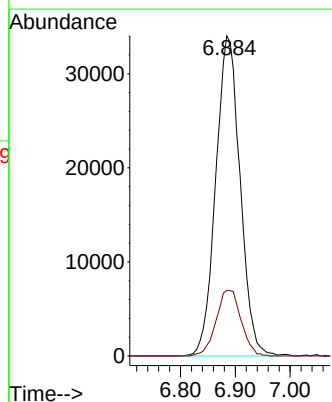
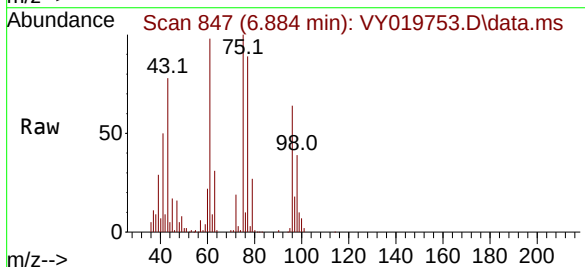
Instrument :
MSVOA_Y
ClientSampleId :

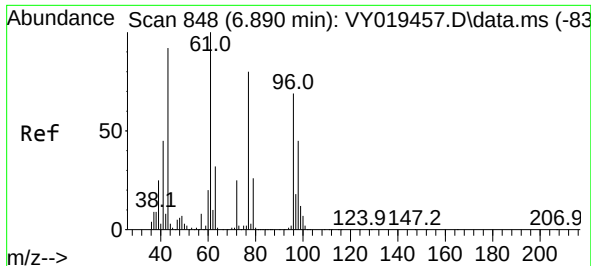
Tgt Ion: 43 Resp: 111850
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.957 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

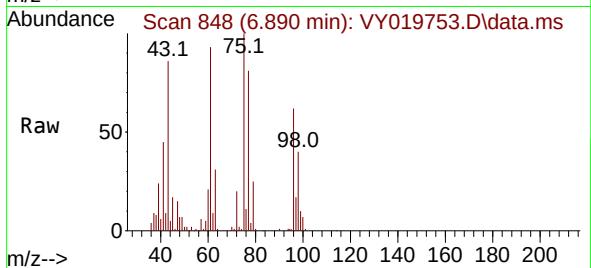
Tgt Ion: 77 Resp: 104976
Ion Ratio Lower Upper
77 100
97 21.1 12.0 36.1



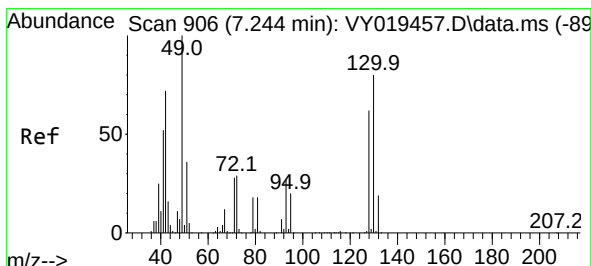
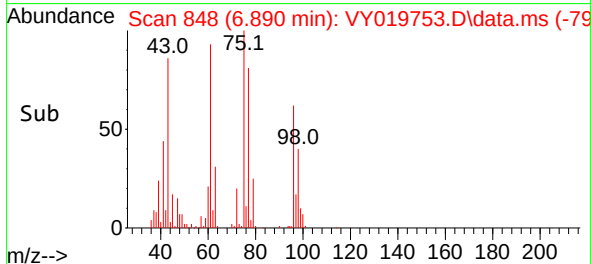
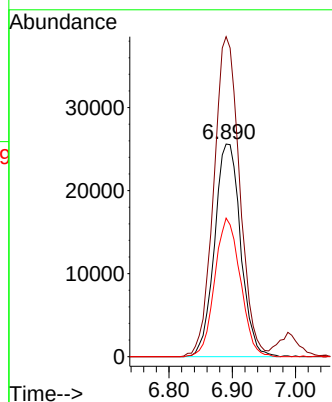


#27
 cis-1,2-Dichloroethene
 Concen: 21.418 ug/l
 RT: 6.890 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

Instrument :
 MSVOA_Y
 ClientSampleId :

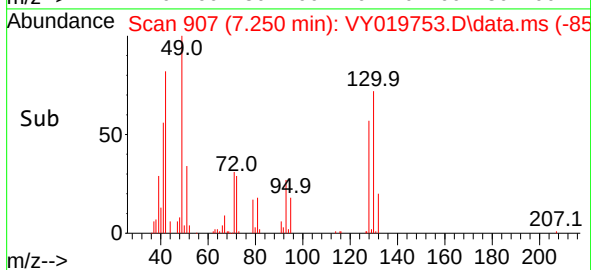
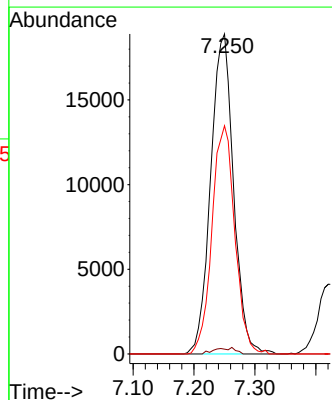
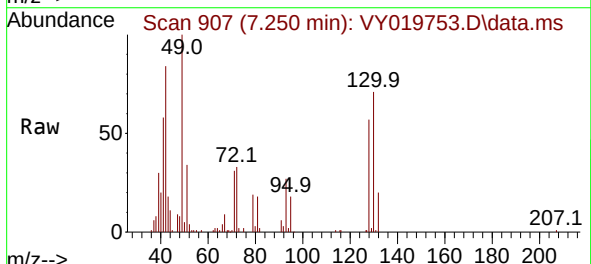


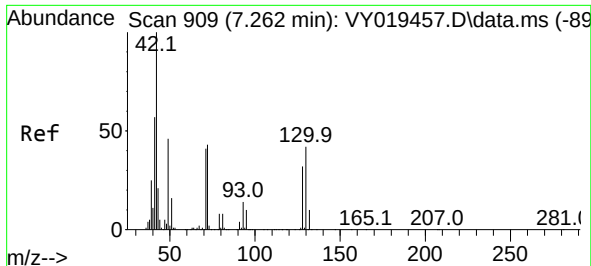
Tgt Ion: 96 Resp: 73142
 Ion Ratio Lower Upper
 96 100
 61 149.7 0.0 256.2
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.105 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

Tgt Ion: 49 Resp: 49296
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 71.3 72.7 109.1#





#29

Tetrahydrofuran

Concen: 114.533 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

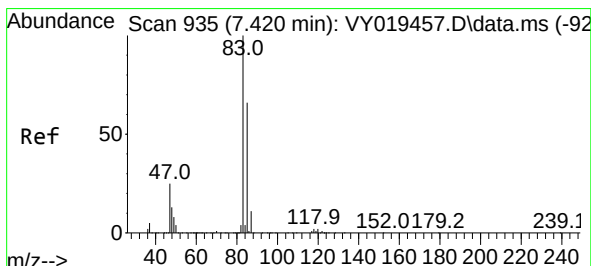
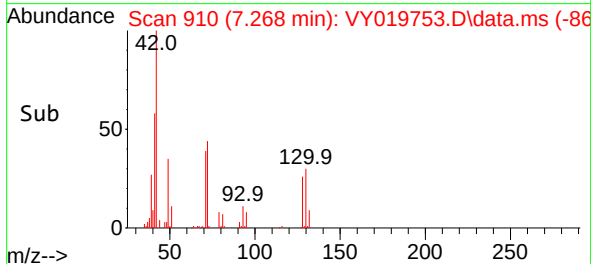
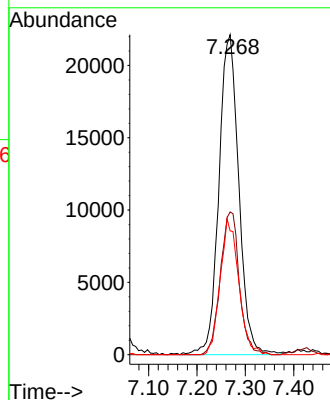
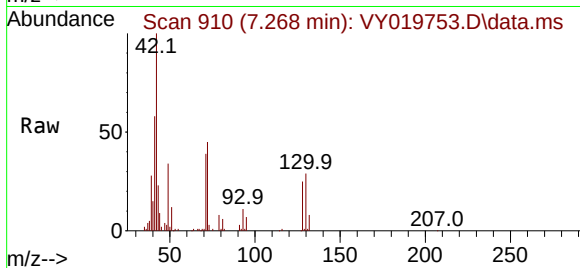
Tgt Ion: 42 Resp: 63163

Ion Ratio Lower Upper

42 100

72 42.6 43.0 64.4#

71 39.5 40.8 61.2#



#30

Chloroform

Concen: 22.933 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019753.D

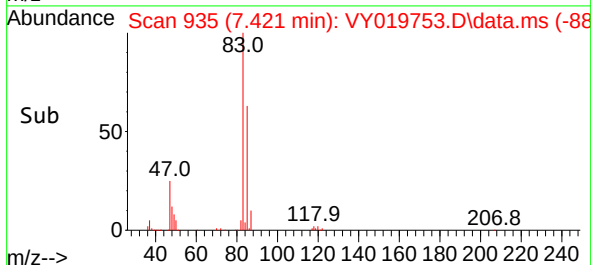
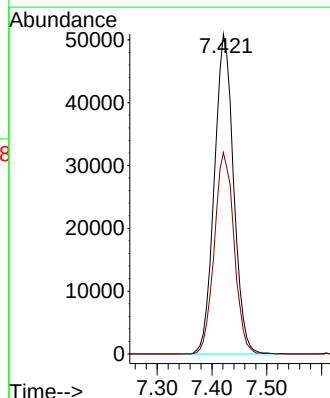
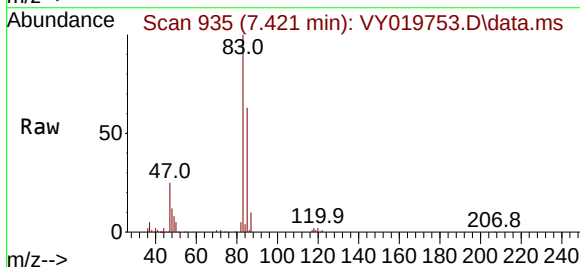
Acq: 01 Oct 2024 19:54

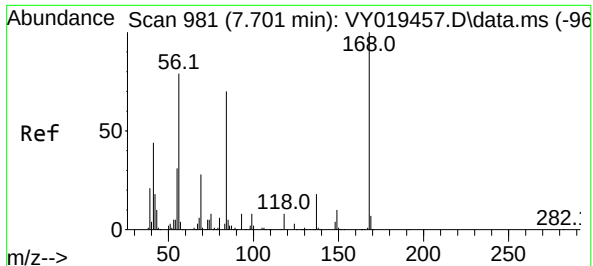
Tgt Ion: 83 Resp: 124084

Ion Ratio Lower Upper

83 100

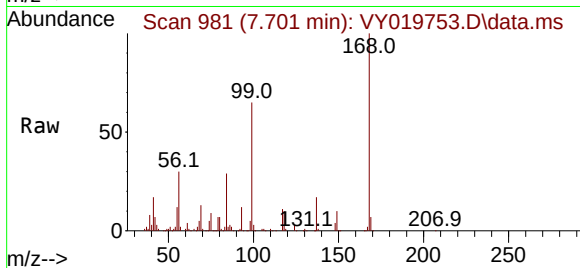
85 62.9 52.2 78.4



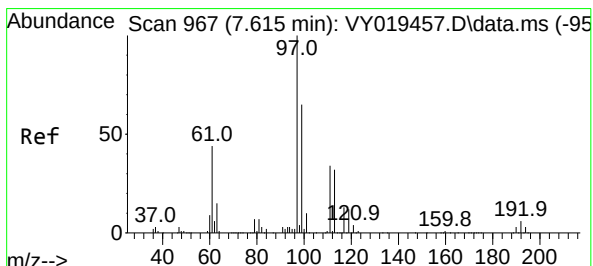
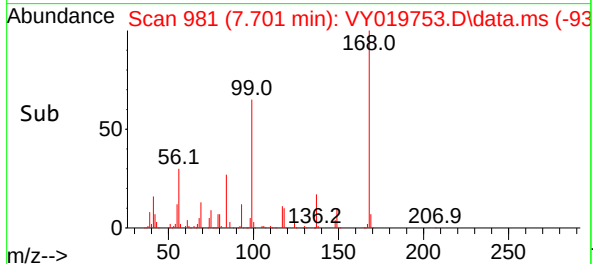
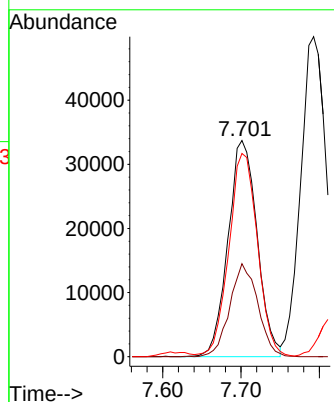


#31
Cyclohexane
Concen: 18.171 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Instrument :
MSVOA_Y
ClientSampleId :

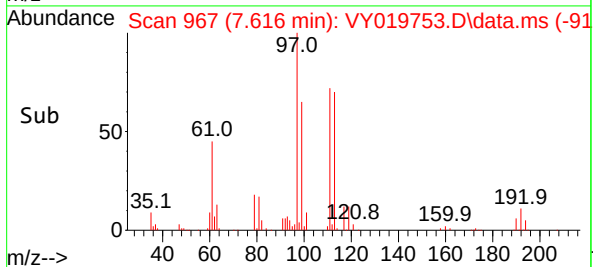
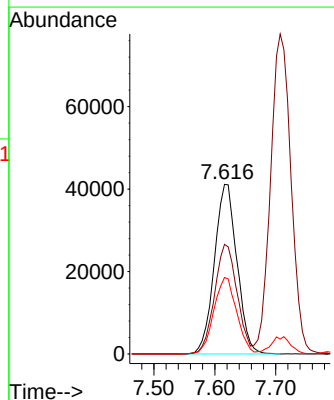
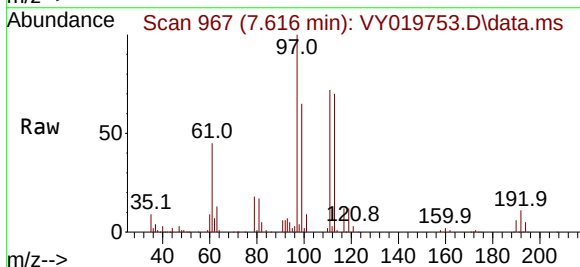


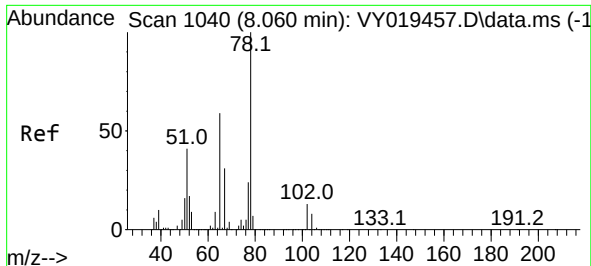
Tgt Ion: 56 Resp: 87054
Ion Ratio Lower Upper
56 100
69 43.0 28.7 43.1
84 92.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.825 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 97 Resp: 105844
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 45.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 56.753 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

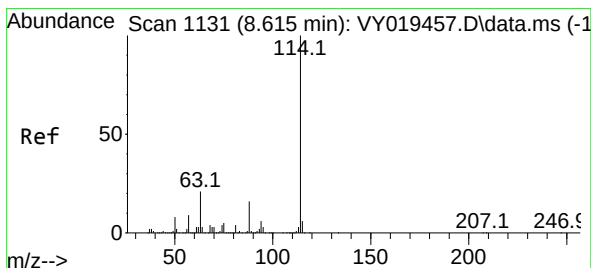
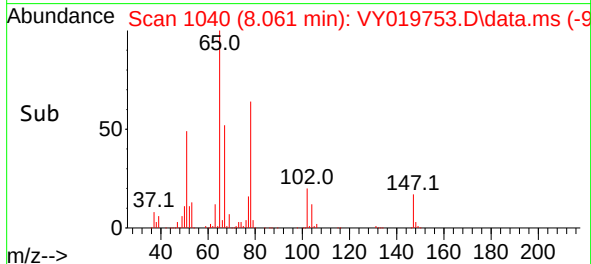
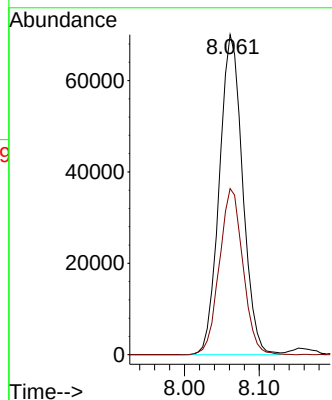
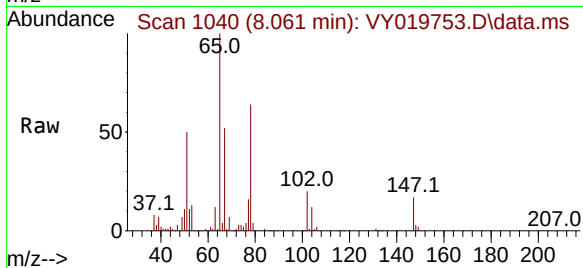
ClientSampleId :

Tgt Ion: 65 Resp: 151924

Ion Ratio Lower Upper

65 100

67 52.5 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: VY019753.D

Acq: 01 Oct 2024 19:54

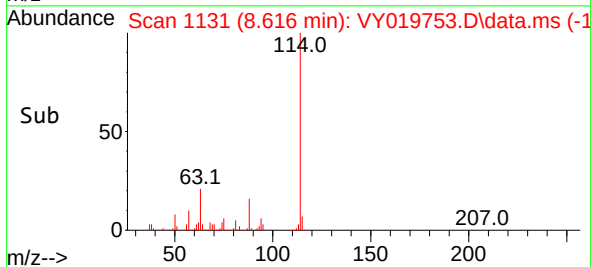
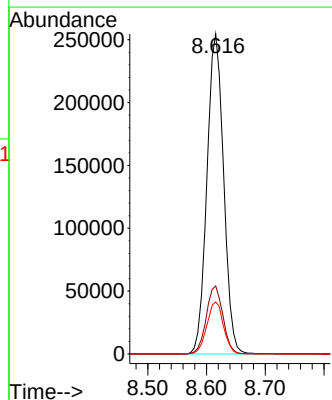
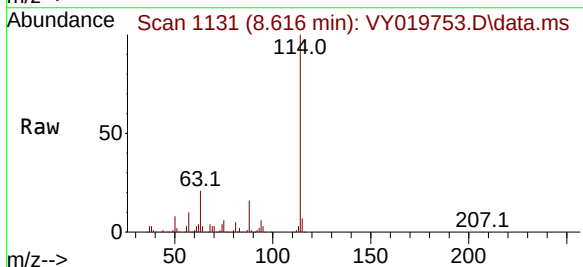
Tgt Ion: 114 Resp: 501880

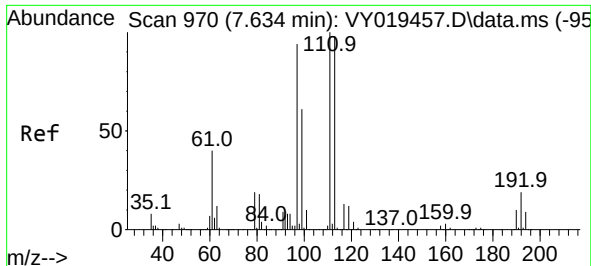
Ion Ratio Lower Upper

114 100

63 21.2 0.0 35.0

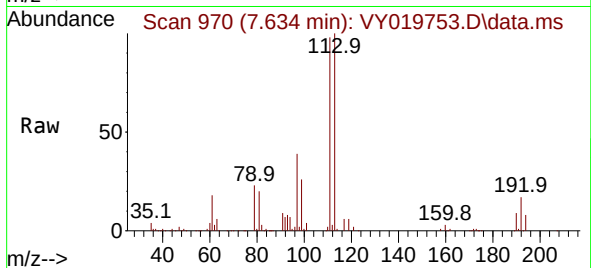
88 16.3 0.0 27.2



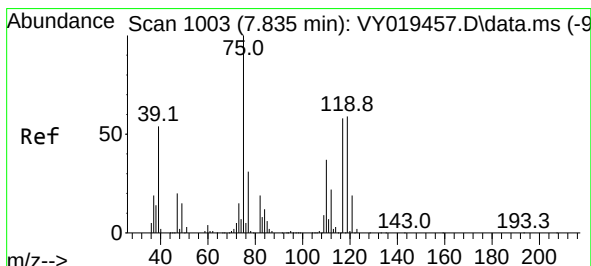
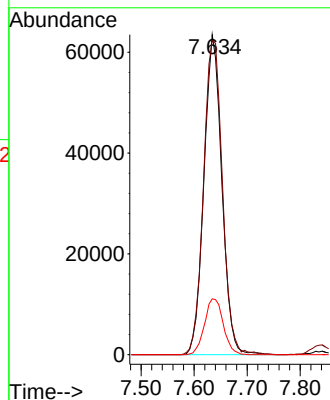
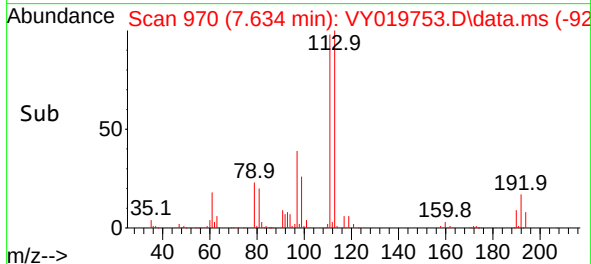


#35
 Dibromofluoromethane
 Concen: 52.211 ug/l
 RT: 7.634 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

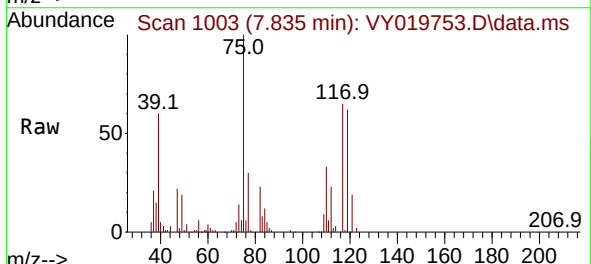
Instrument :
 MSVOA_Y
 ClientSampleId :



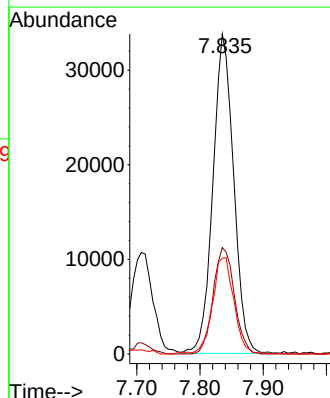
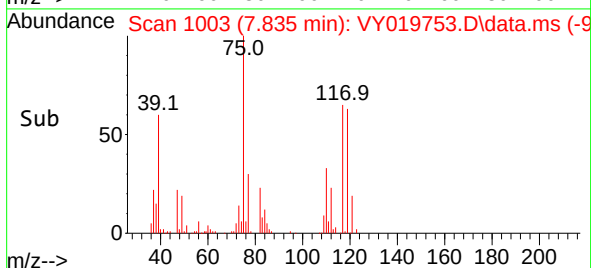
Tgt Ion:113 Resp: 148570
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.4
 192 18.3 15.9 23.9

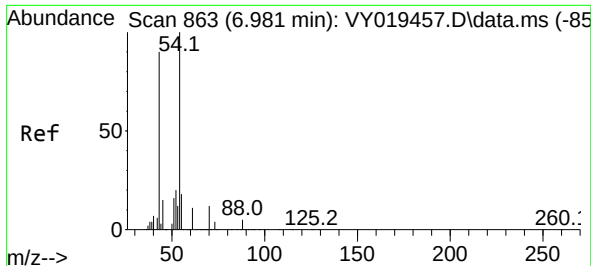


#36
 1,1-Dichloropropene
 Concen: 19.810 ug/l
 RT: 7.835 min Scan# 1003
 Delta R.T. 0.000 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54



Tgt Ion: 75 Resp: 76705
 Ion Ratio Lower Upper
 75 100
 110 34.1 19.0 57.0
 77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 22.574 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

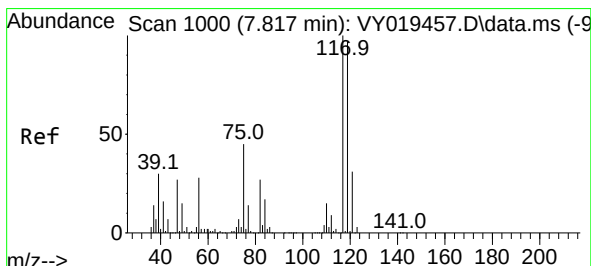
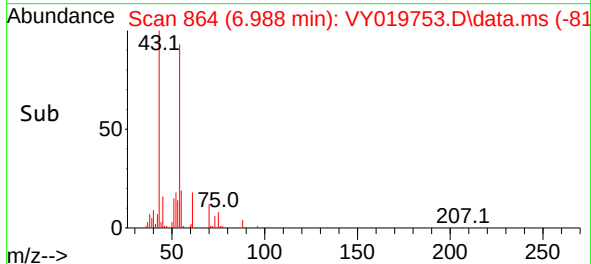
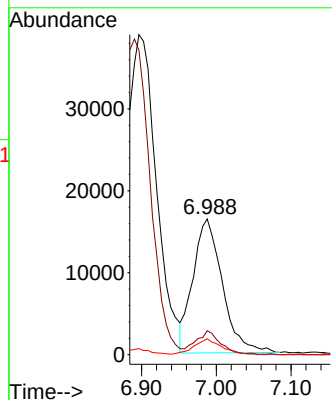
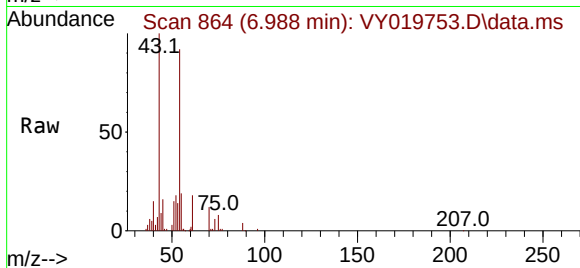
Tgt Ion: 43 Resp: 44785

Ion Ratio Lower Upper

43 100

61 14.8 12.6 19.0

70 11.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.702 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

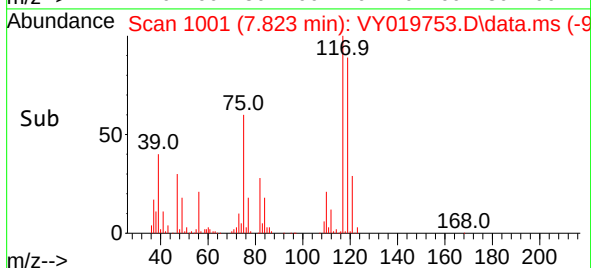
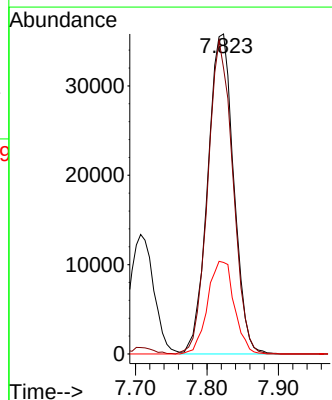
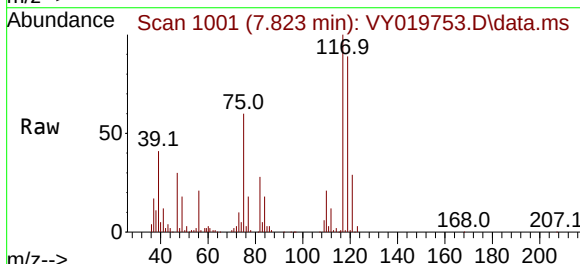
Tgt Ion: 117 Resp: 90395

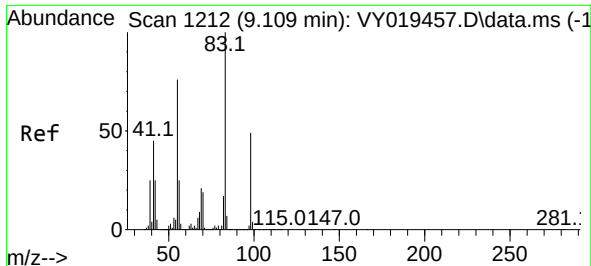
Ion Ratio Lower Upper

117 100

119 89.3 75.8 113.6

121 28.6 24.0 36.0





#39

Methylcyclohexane

Concen: 17.767 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

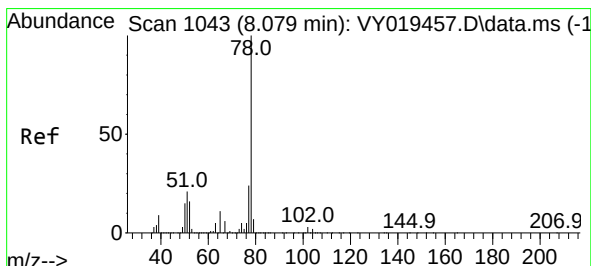
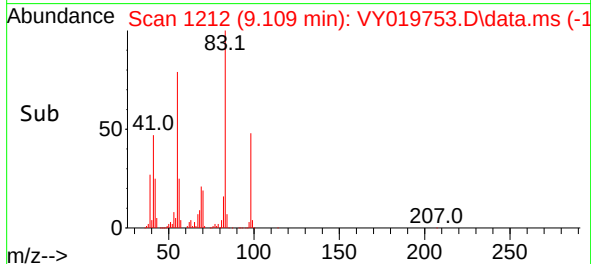
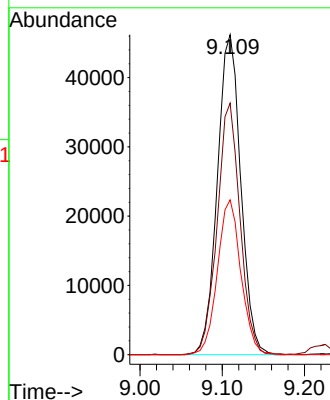
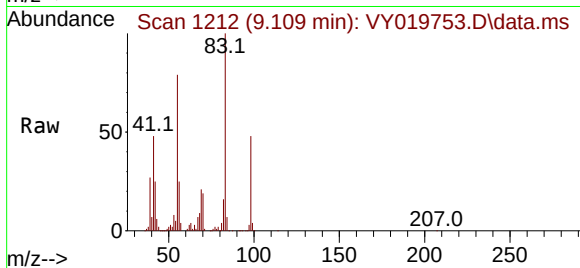
Tgt Ion: 83 Resp: 91549

Ion Ratio Lower Upper

83 100

55 78.6 51.5 77.3#

98 48.4 40.5 60.7



#40

Benzene

Concen: 20.286 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019753.D

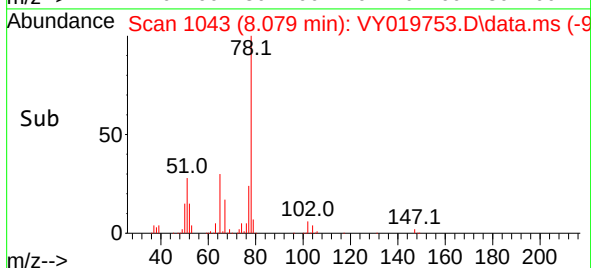
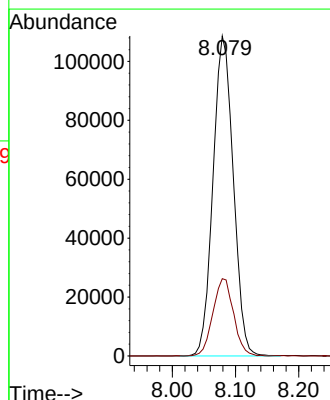
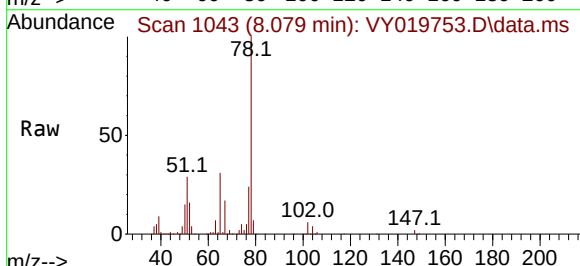
Acq: 01 Oct 2024 19:54

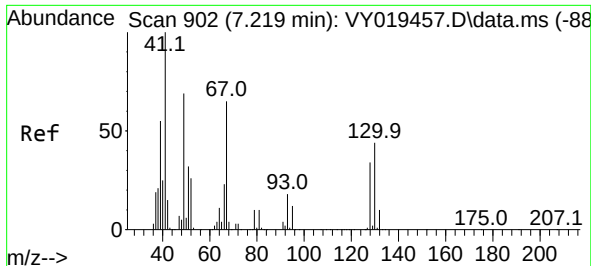
Tgt Ion: 78 Resp: 241934

Ion Ratio Lower Upper

78 100

77 24.1 19.5 29.3

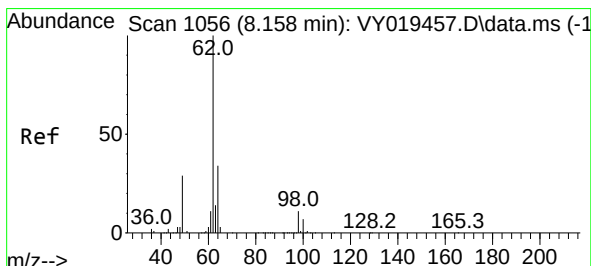
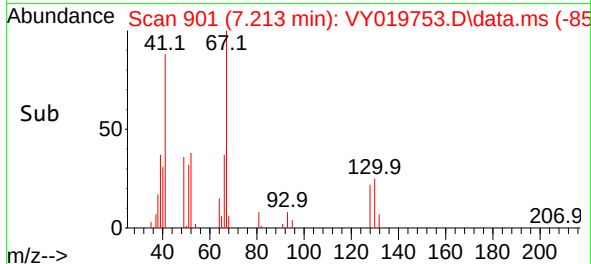
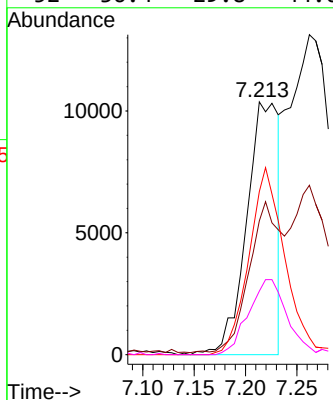
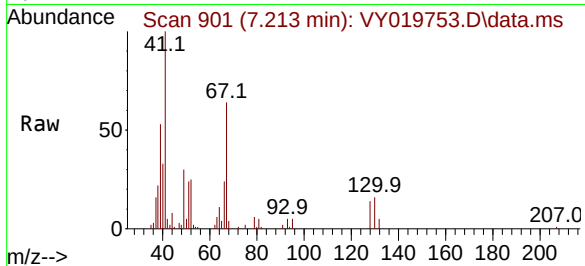




#41
Methacrylonitrile
Concen: 19.459 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

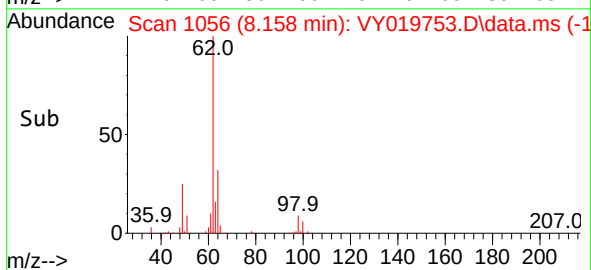
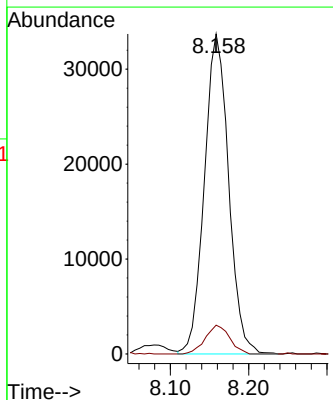
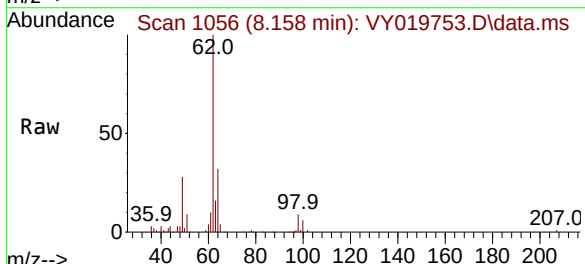
Instrument :
MSVOA_Y
ClientSampleId :

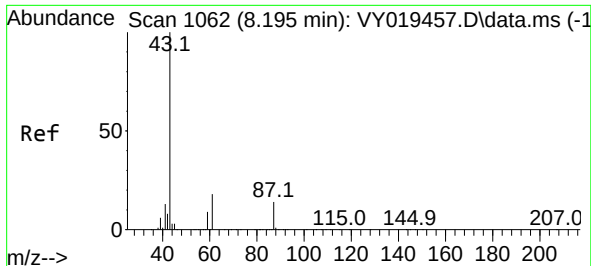
Tgt Ion: 41	Resp: 22504
Ion Ratio	Lower Upper
41 100	
39 60.6	48.0 72.0
67 83.3	75.1 112.7
52 36.4	29.8 44.6



#42
1,2-Dichloroethane
Concen: 22.608 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 62	Resp: 72550
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 22.0

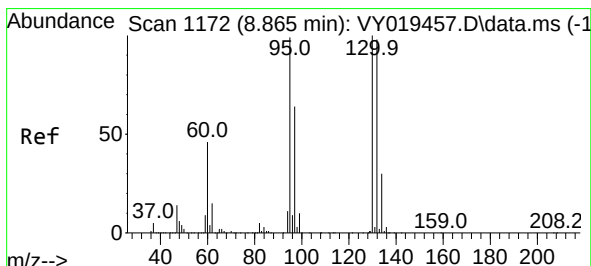
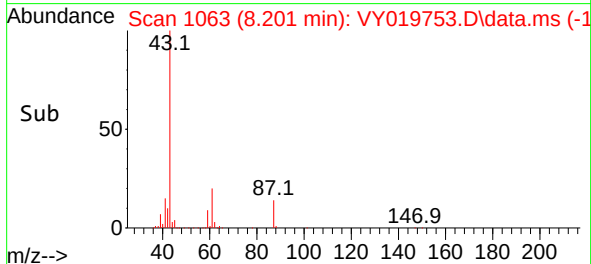
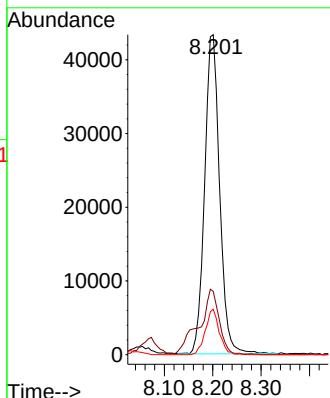
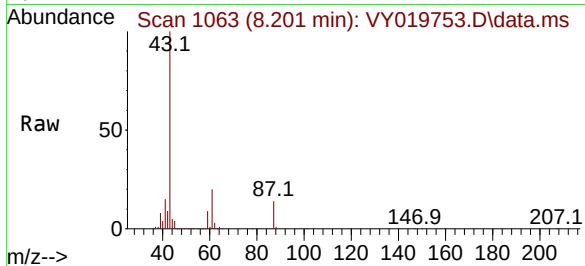




#43
Isopropyl Acetate
Concen: 22.363 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

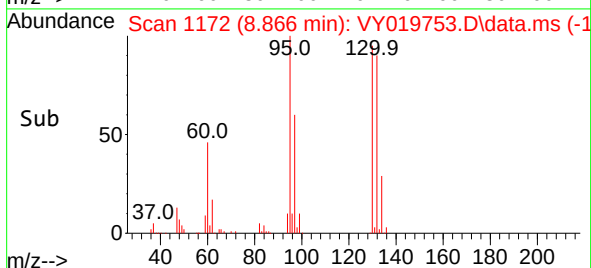
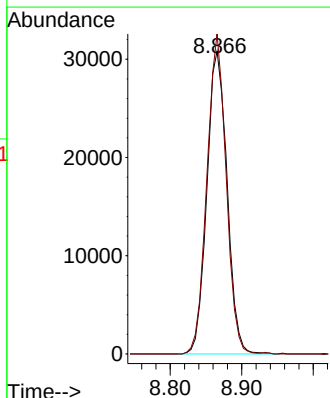
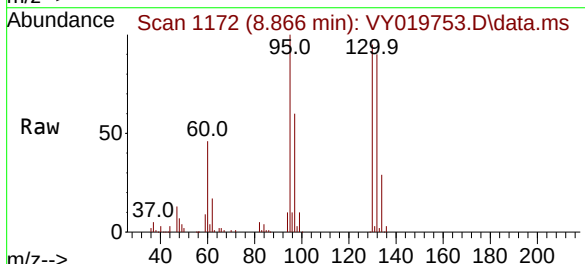
Instrument :
MSVOA_Y
ClientSampleId :

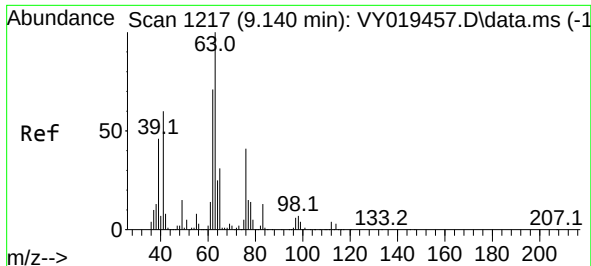
Tgt Ion: 43 Resp: 93209
Ion Ratio Lower Upper
43 100
61 27.7 27.9 41.9#
87 13.2 13.1 19.7



#44
Trichloroethene
Concen: 19.661 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion:130 Resp: 60302
Ion Ratio Lower Upper
130 100
95 105.7 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.770 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

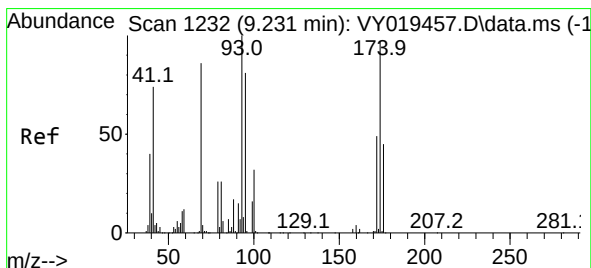
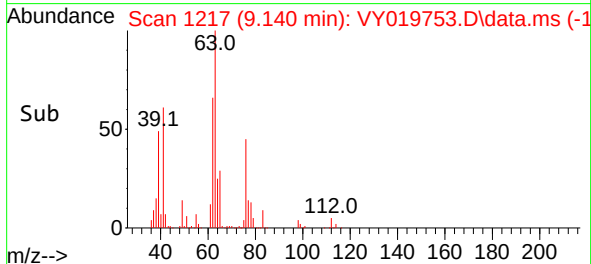
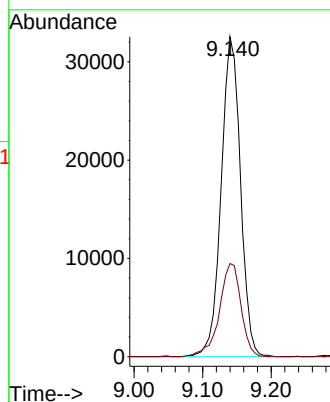
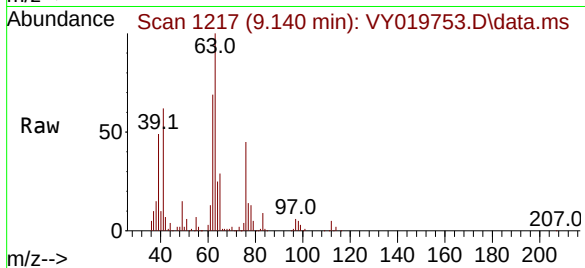
ClientSampleId :

Tgt Ion: 63 Resp: 63473

Ion Ratio Lower Upper

63 100

65 29.1 25.4 38.2



#46

Dibromomethane

Concen: 21.577 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

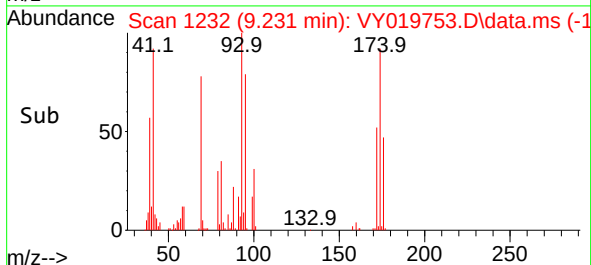
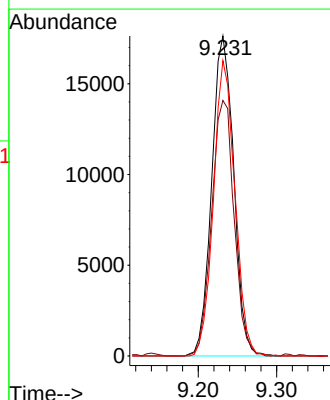
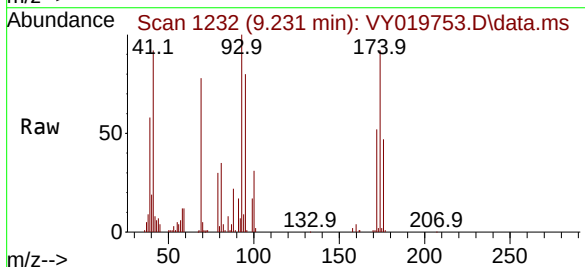
Tgt Ion: 93 Resp: 34403

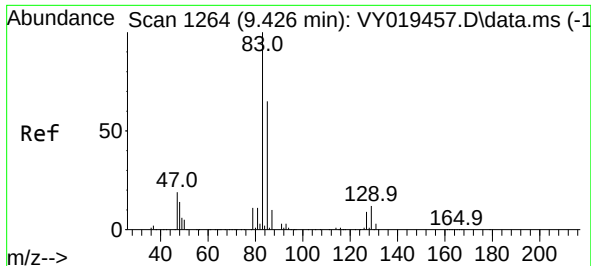
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 90.0 80.9 121.3

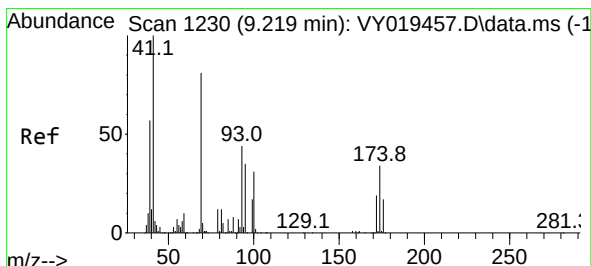
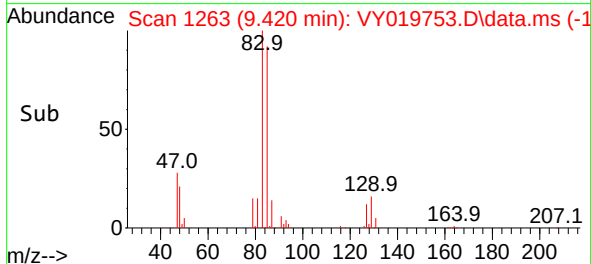
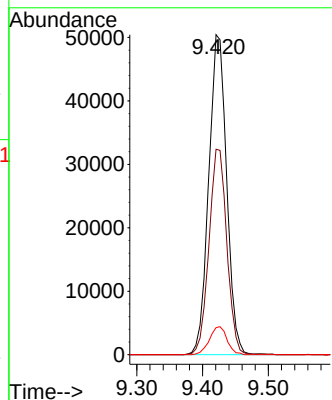
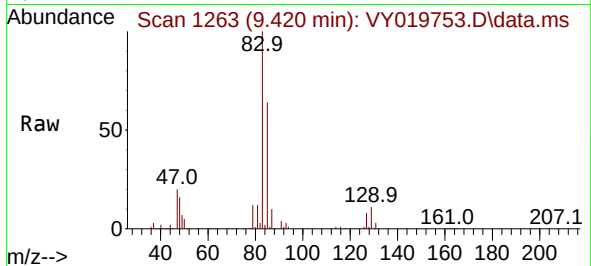




#47
Bromodichloromethane
Concen: 22.306 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

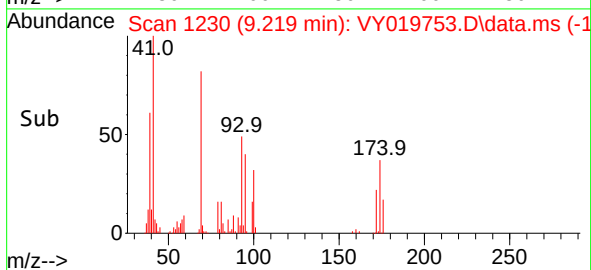
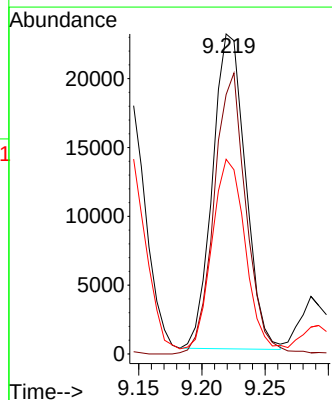
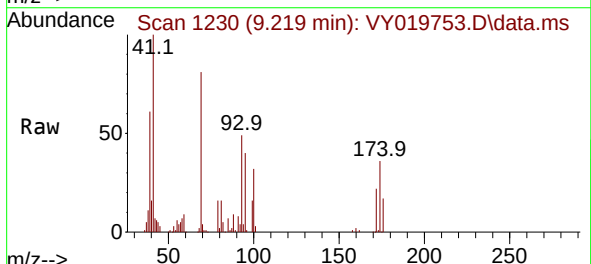
Instrument :
MSVOA_Y
ClientSampleId :

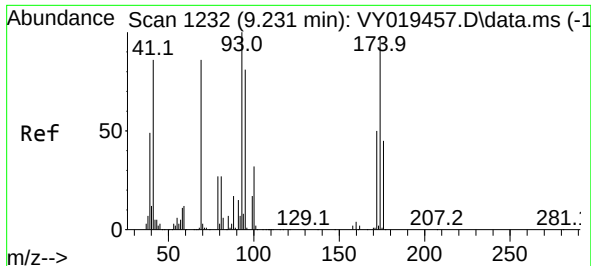
Tgt Ion: 83 Resp: 95602
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.4 7.4 11.0



#48
Methyl methacrylate
Concen: 21.067 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 41 Resp: 41465
Ion Ratio Lower Upper
41 100
69 86.9 84.1 126.1
39 64.5 43.6 65.4

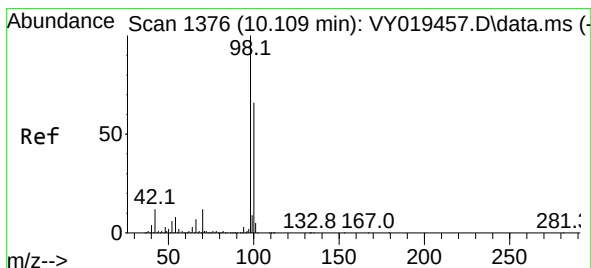
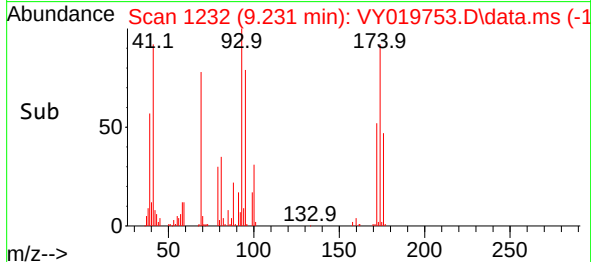
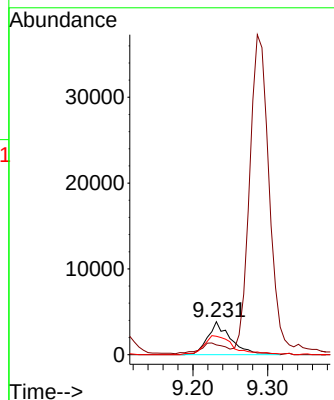
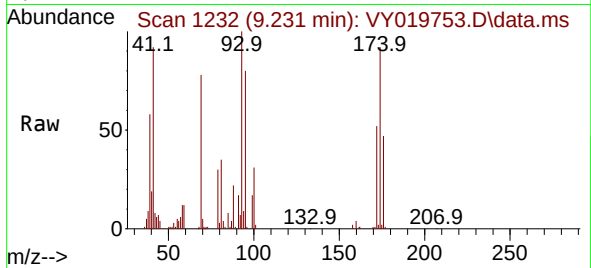




#49
1,4-Dioxane
Concen: 440.288 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

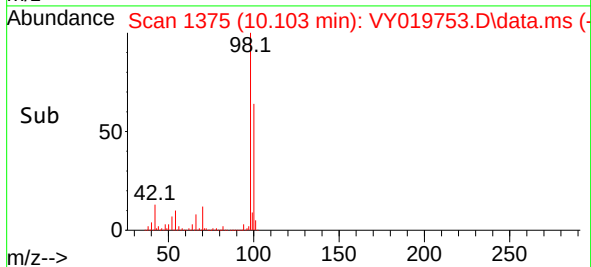
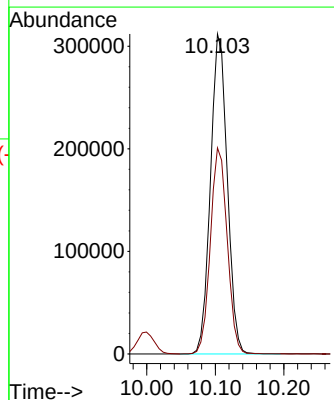
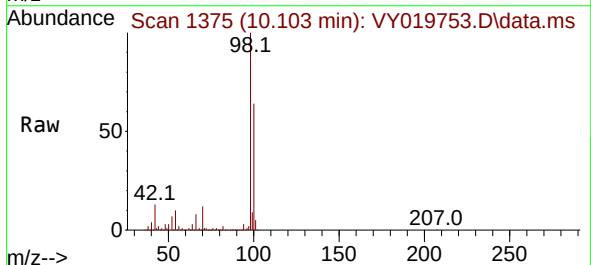
Instrument :
MSVOA_Y
ClientSampleId :

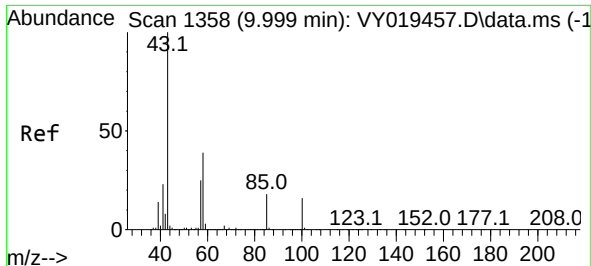
Tgt Ion: 88 Resp: 8264
Ion Ratio Lower Upper
88 100
43 34.0 0.0 0.0#
58 74.2 49.3 73.9#



#50
Toluene-d8
Concen: 50.395 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 98 Resp: 530413
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

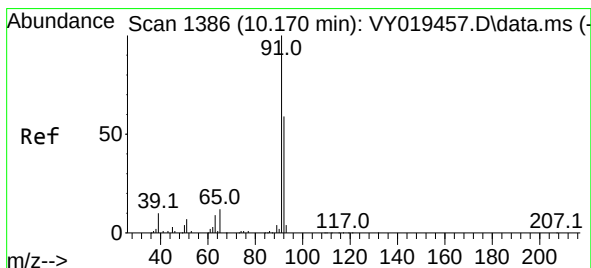
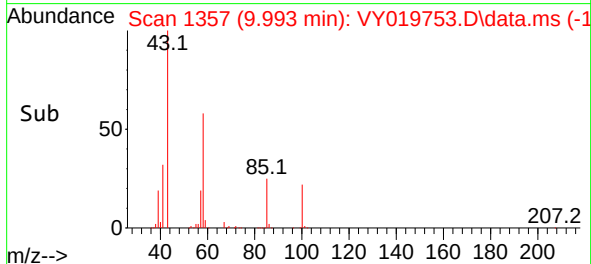
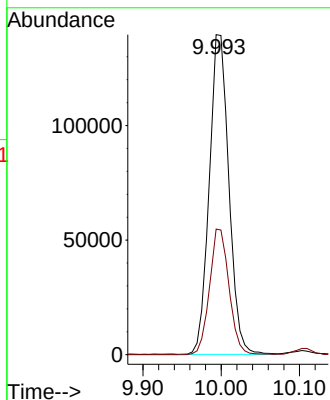
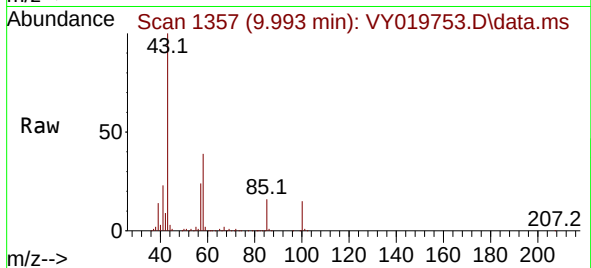




#51
4-Methyl-2-Pentanone
Concen: 115.928 ug/l
RT: 9.993 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

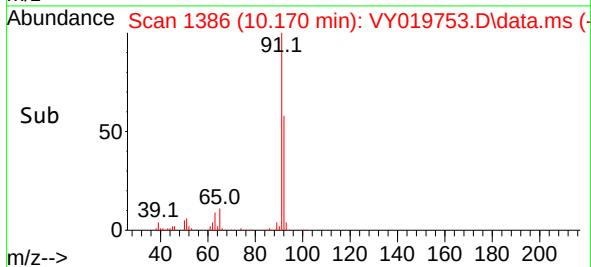
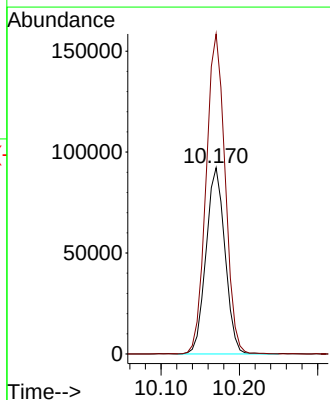
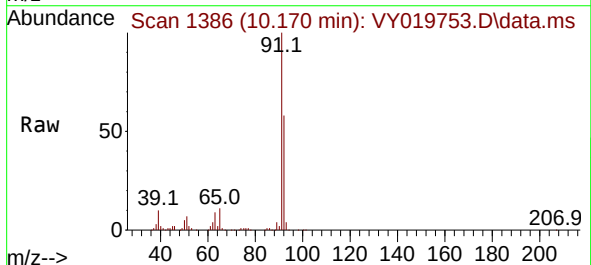
Instrument :
MSVOA_Y
ClientSampleId :

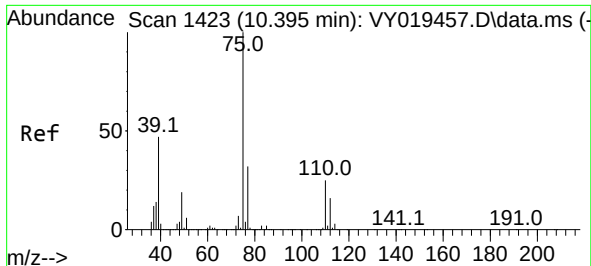
Tgt Ion: 43 Resp: 243090
Ion Ratio Lower Upper
43 100
58 39.1 35.7 53.5



#52
Toluene
Concen: 20.188 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 92 Resp: 154845
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 20.785 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

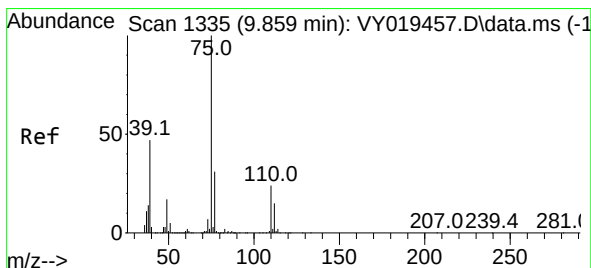
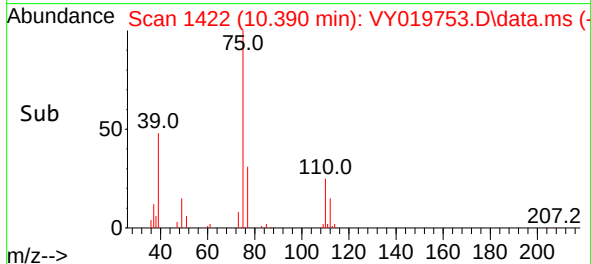
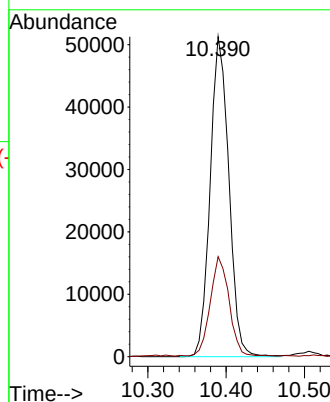
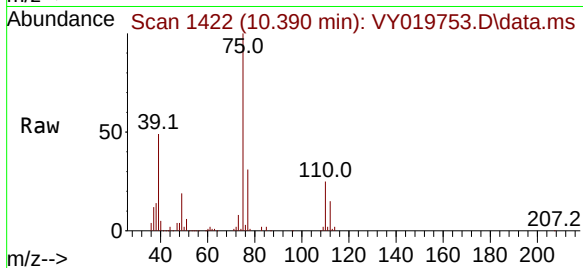
ClientSampleId :

Tgt Ion: 75 Resp: 84919

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 20.199 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

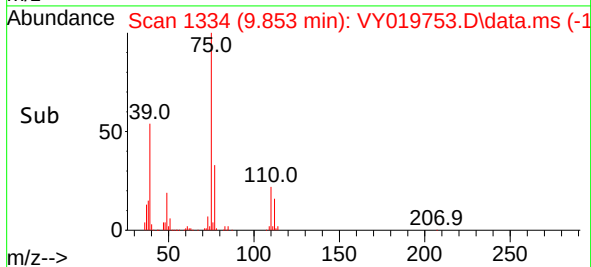
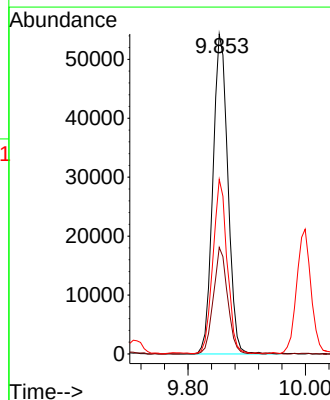
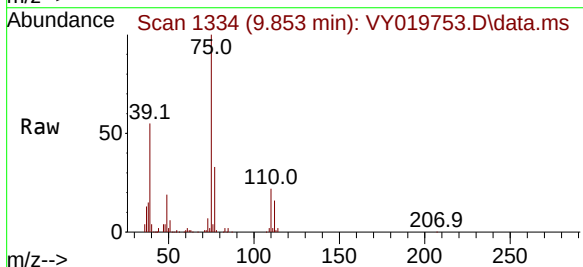
Tgt Ion: 75 Resp: 96092

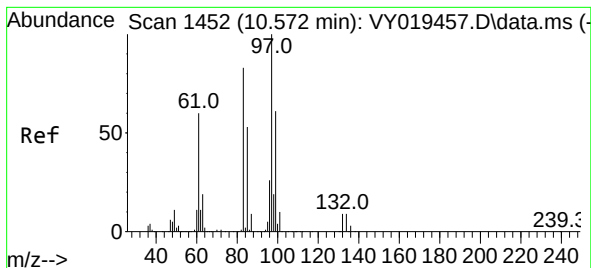
Ion Ratio Lower Upper

75 100

77 33.3 25.4 38.0

39 54.4 29.8 44.6#

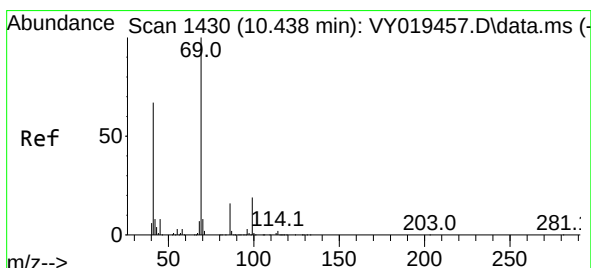
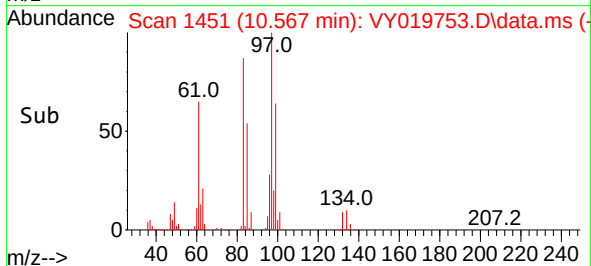
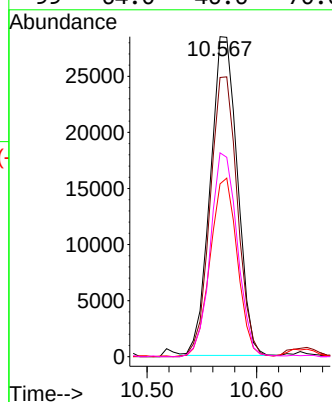
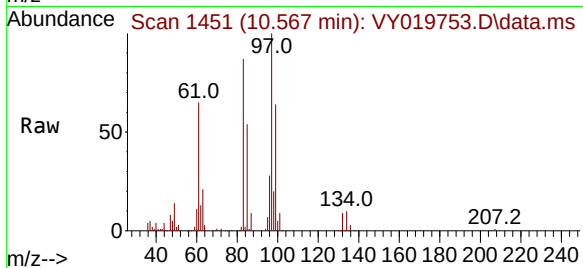




#55
1,1,2-Trichloroethane
Concen: 22.179 ug/l
RT: 10.567 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

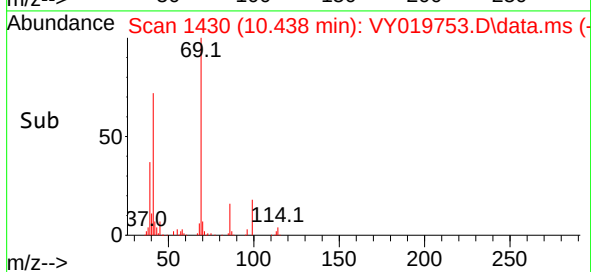
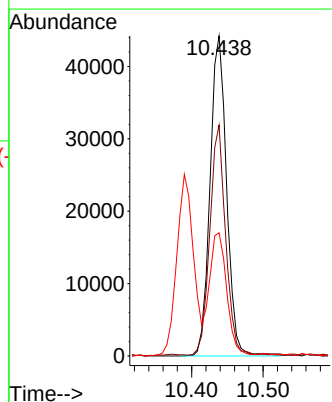
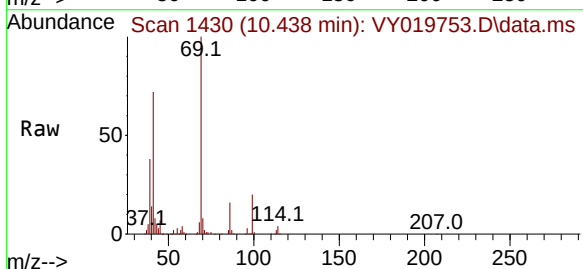
Instrument :
MSVOA_Y
ClientSampleId :

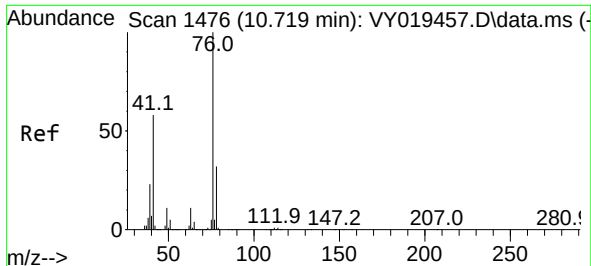
Tgt Ion: 97	Resp: 48834
Ion Ratio	Lower Upper
97 100	
83 87.6	67.5 101.3
85 53.9	42.9 64.3
99 64.0	46.6 70.0



#56
Ethyl methacrylate
Concen: 21.168 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 69	Resp: 70800
Ion Ratio	Lower Upper
69 100	
41 68.6	42.3 63.5#
39 40.0	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.310 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

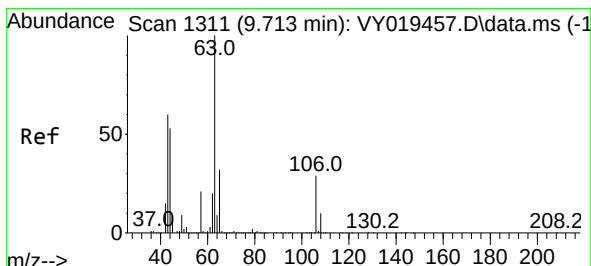
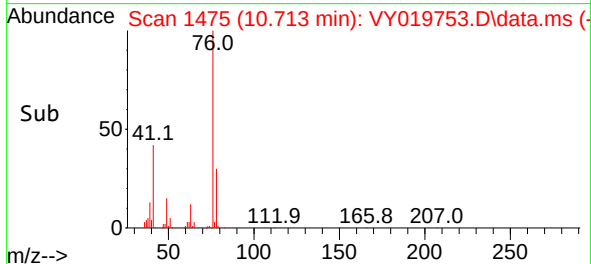
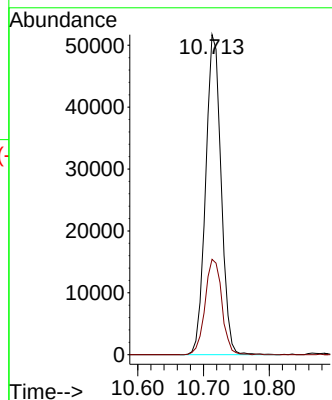
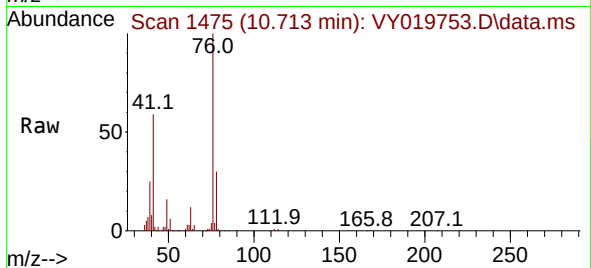
ClientSampleId :

Tgt Ion: 76 Resp: 84437

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 105.462 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019753.D

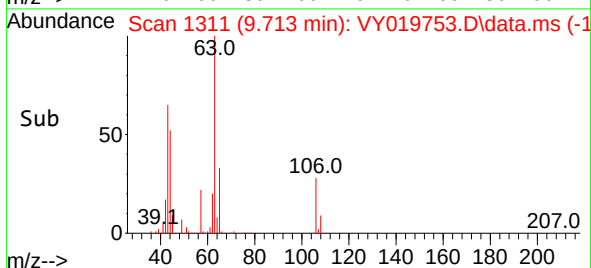
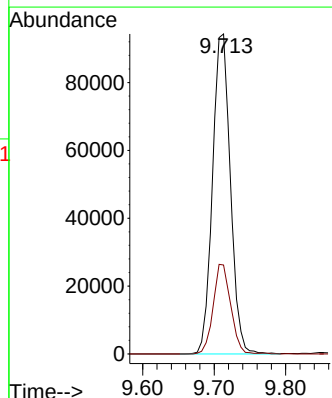
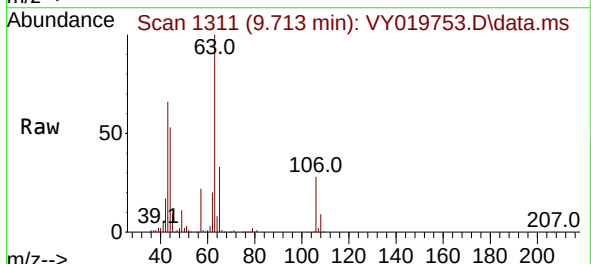
Acq: 01 Oct 2024 19:54

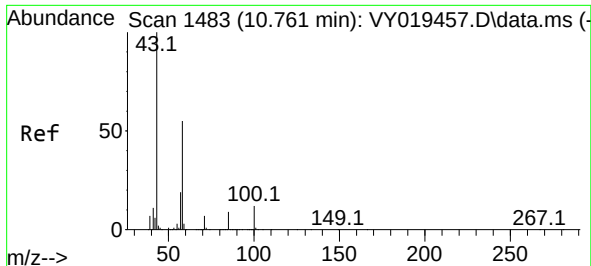
Tgt Ion: 63 Resp: 163716

Ion Ratio Lower Upper

63 100

106 27.5 23.7 35.5





#59

2-Hexanone

Concen: 111.005 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

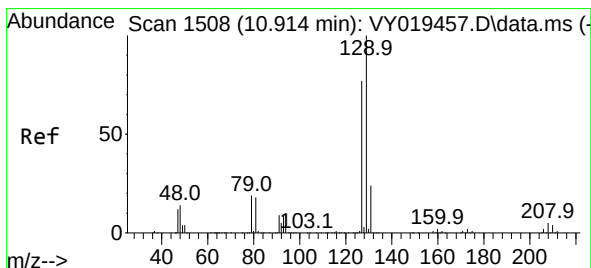
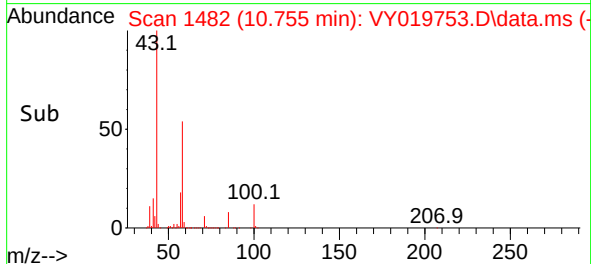
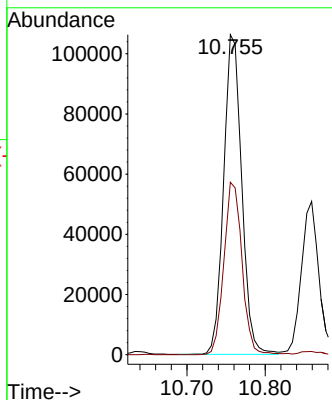
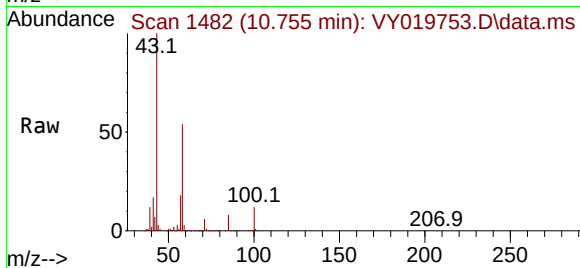
ClientSampleId :

Tgt Ion: 43 Resp: 170649

Ion Ratio Lower Upper

43 100

58 54.0 31.4 94.0



#60

Dibromochloromethane

Concen: 21.950 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY019753.D

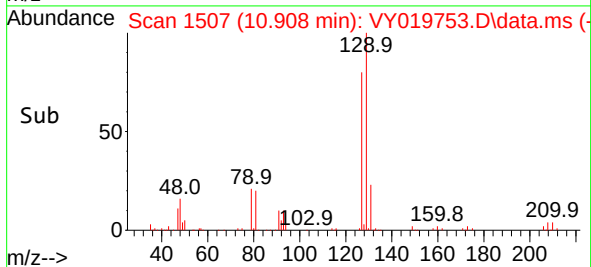
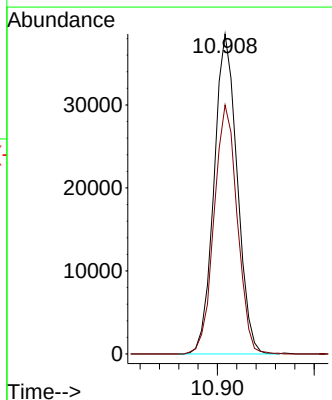
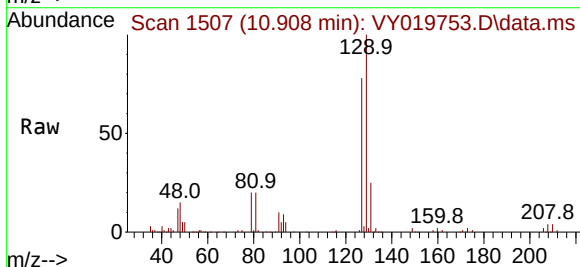
Acq: 01 Oct 2024 19:54

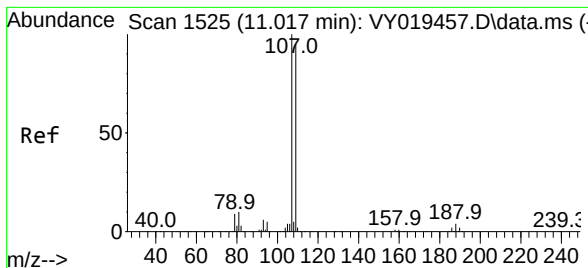
Tgt Ion:129 Resp: 63932

Ion Ratio Lower Upper

129 100

127 77.9 39.0 117.0

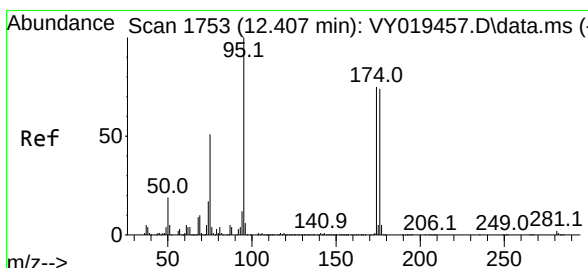
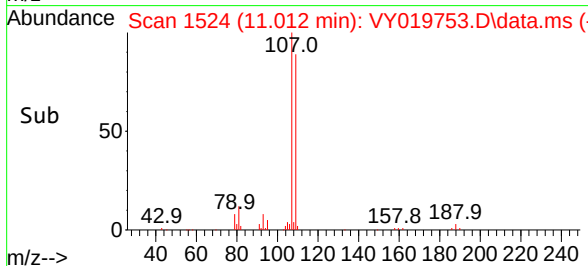
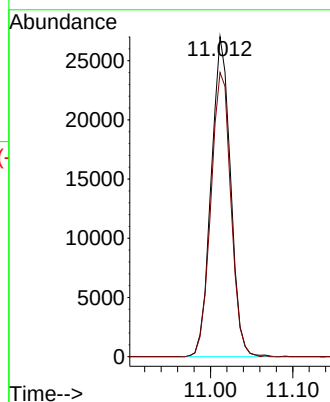
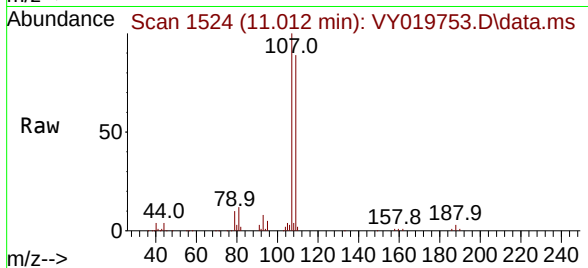




#61
1,2-Dibromoethane
Concen: 21.517 ug/l
RT: 11.012 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

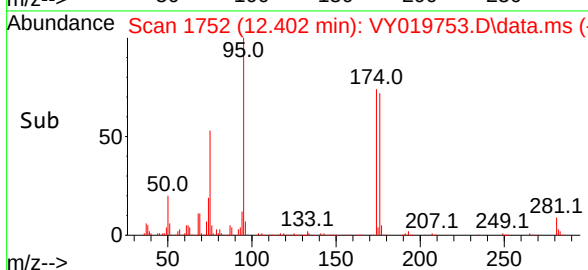
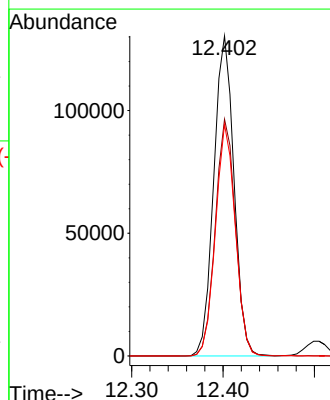
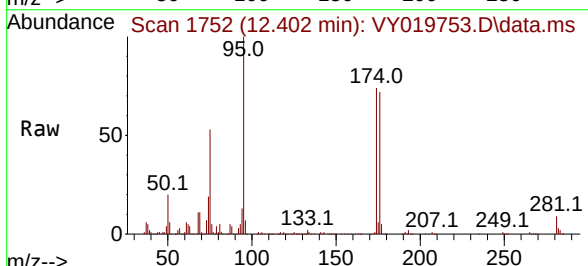
Instrument :
MSVOA_Y
ClientSampleId :

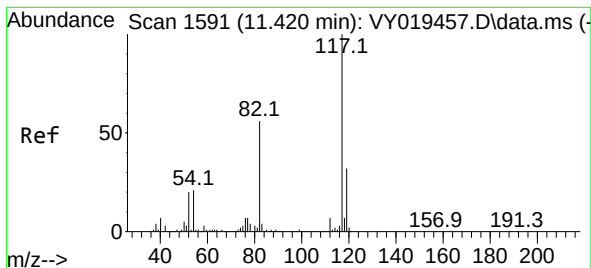
Tgt Ion:107 Resp: 44143
Ion Ratio Lower Upper
107 100
109 91.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 49.543 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 95 Resp: 200498
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 70.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

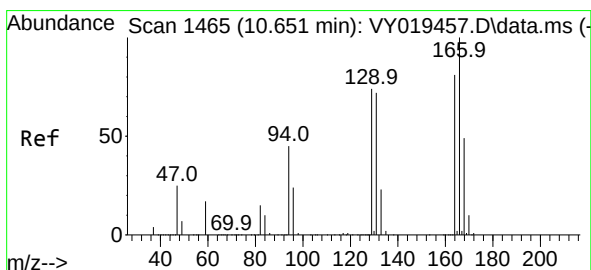
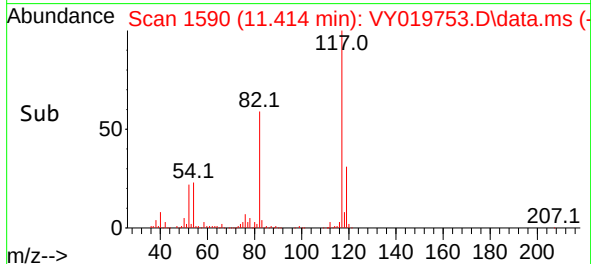
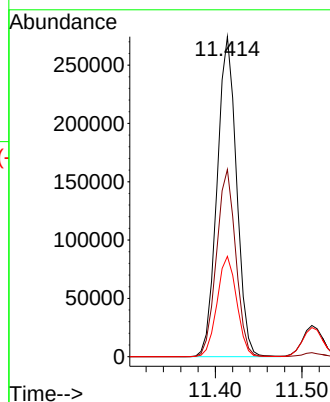
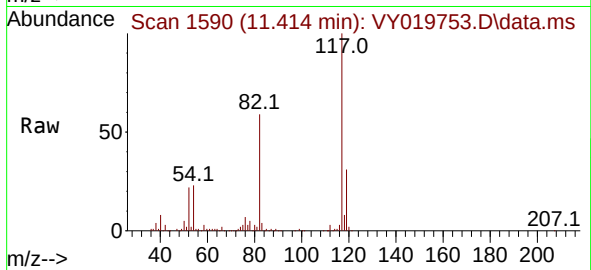
Tgt Ion:117 Resp: 427879

Ion Ratio Lower Upper

117 100

82 58.5 42.4 63.6

119 31.3 25.9 38.9



#64

Tetrachloroethene

Concen: 19.785 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Tgt Ion:164 Resp: 52422

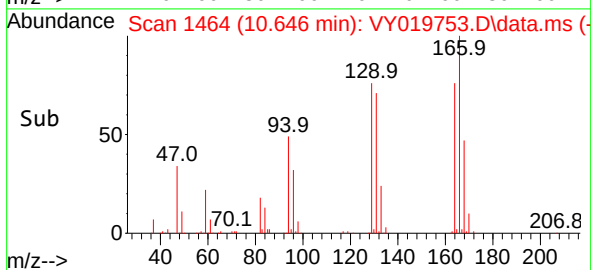
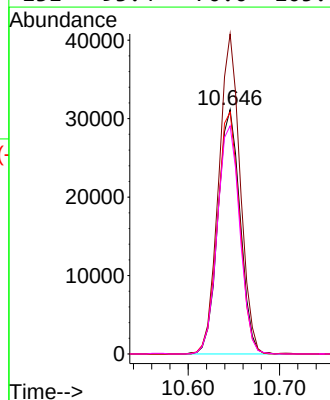
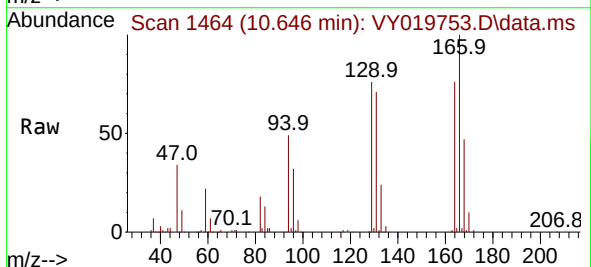
Ion Ratio Lower Upper

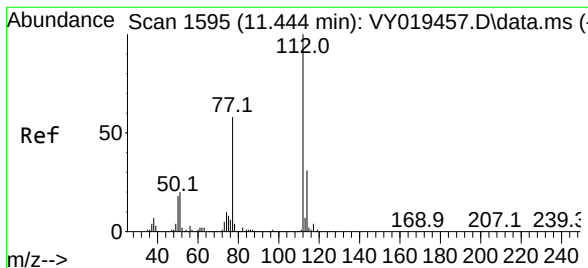
164 100

166 131.0 102.6 154.0

129 99.0 72.0 108.0

131 93.4 70.0 105.0





#65

Chlorobenzene

Concen: 21.084 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

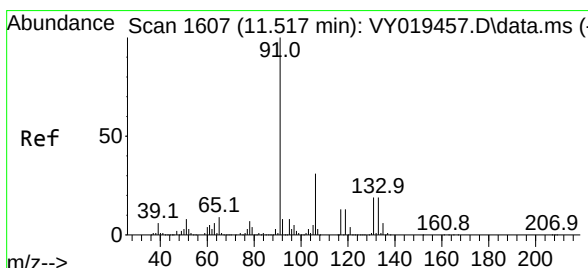
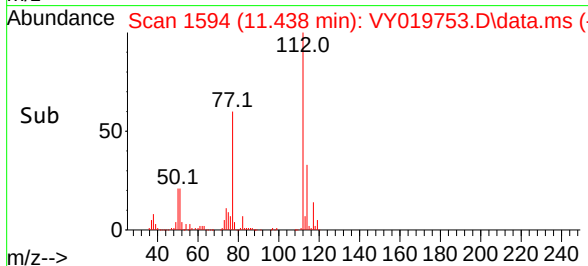
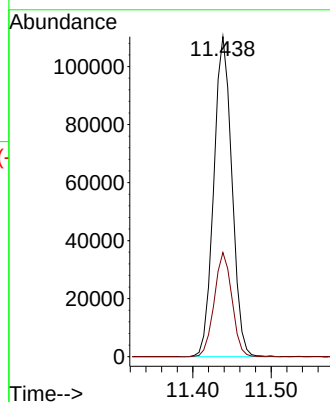
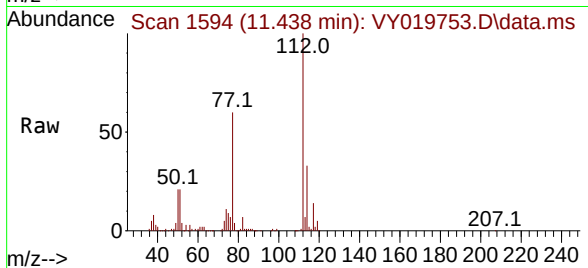
ClientSampleId :

Tgt Ion:112 Resp: 177453

Ion Ratio Lower Upper

112 100

114 32.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.877 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

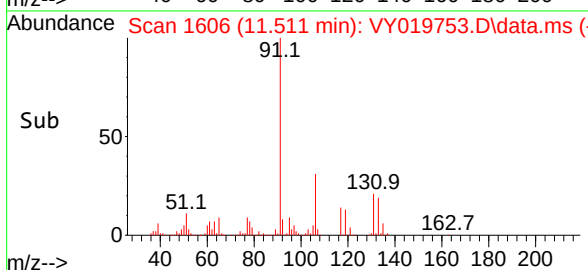
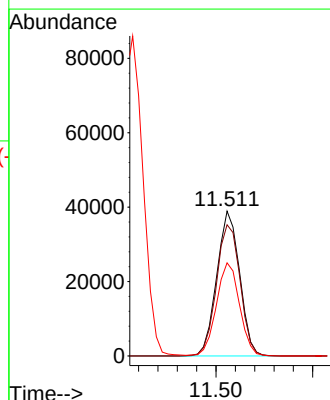
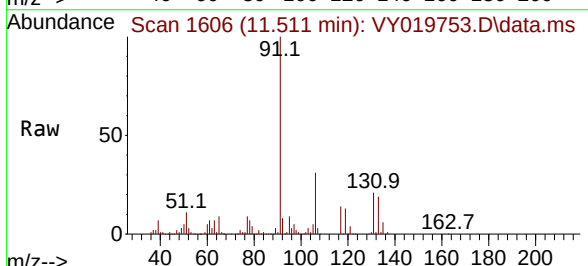
Tgt Ion:131 Resp: 63753

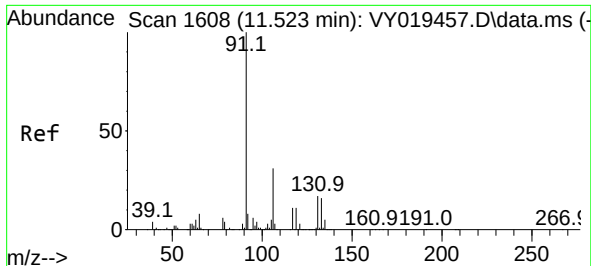
Ion Ratio Lower Upper

131 100

133 93.8 47.8 143.3

119 65.0 34.1 102.2





#67

Ethyl Benzene

Concen: 20.774 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

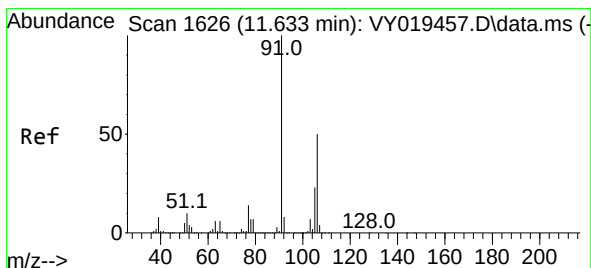
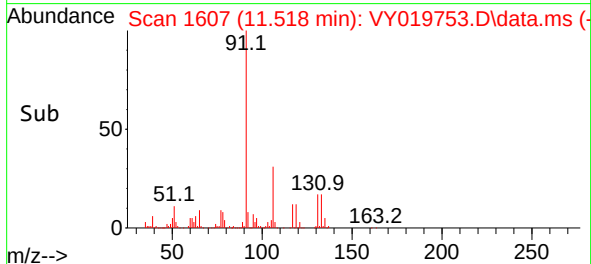
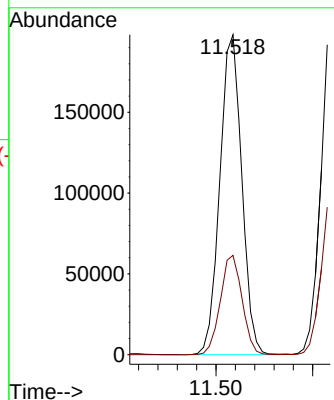
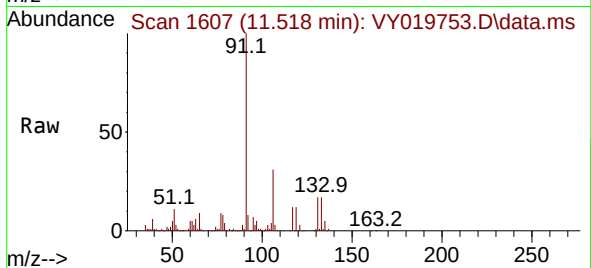
ClientSampleId :

Tgt Ion: 91 Resp: 310672

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 40.638 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019753.D

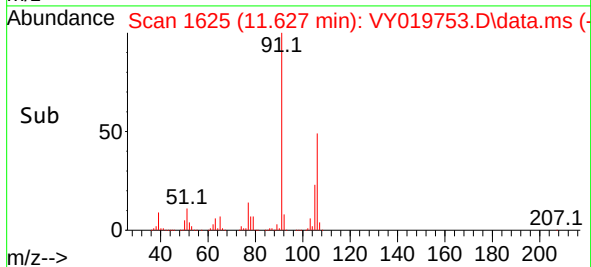
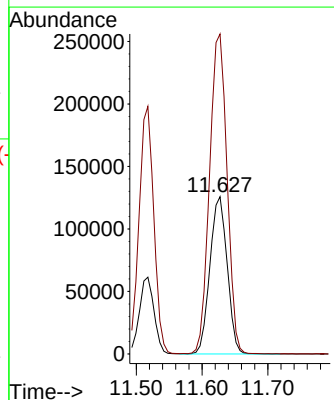
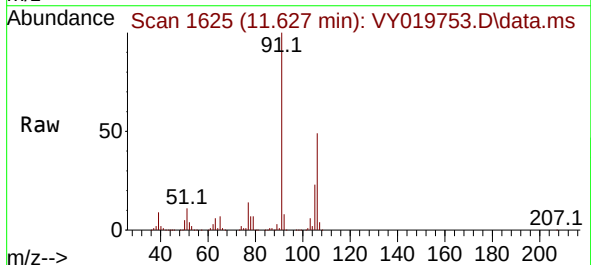
Acq: 01 Oct 2024 19:54

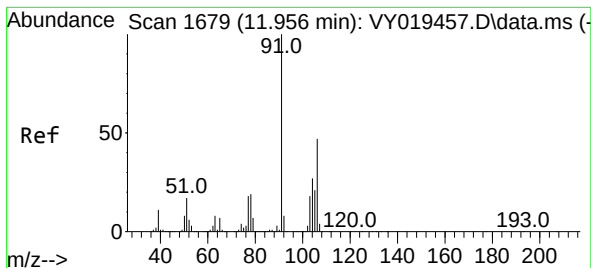
Tgt Ion:106 Resp: 229802

Ion Ratio Lower Upper

106 100

91 206.3 156.0 234.0





#69

o-Xylene

Concen: 20.493 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

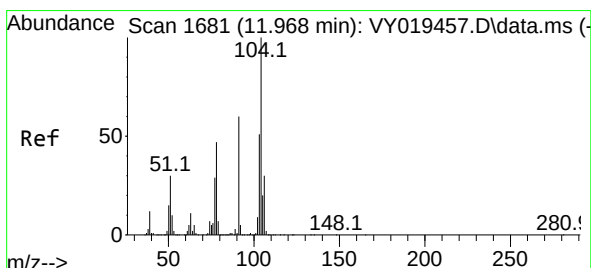
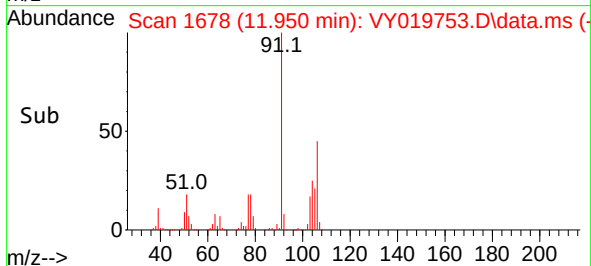
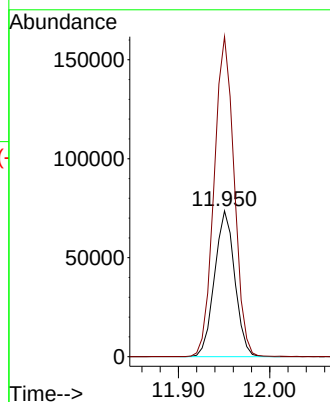
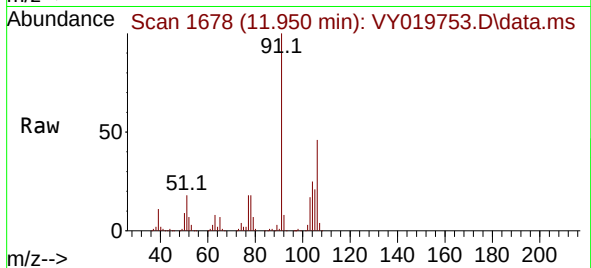
ClientSampleId :

Tgt Ion:106 Resp: 113330

Ion Ratio Lower Upper

106 100

91 217.7 103.6 310.8



#70

Styrene

Concen: 20.648 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

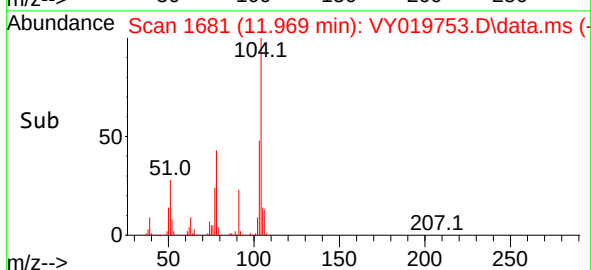
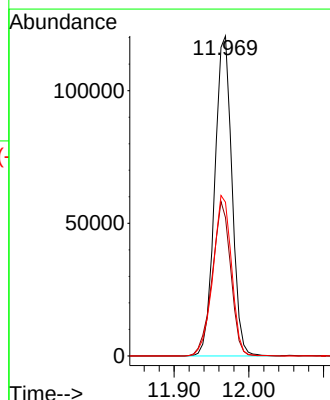
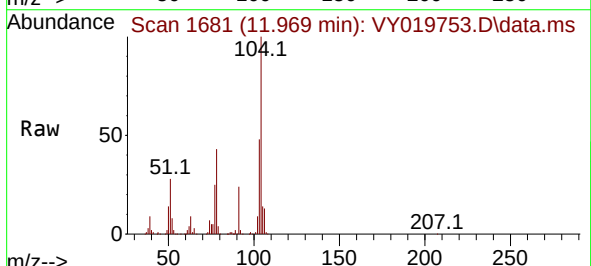
Tgt Ion:104 Resp: 192796

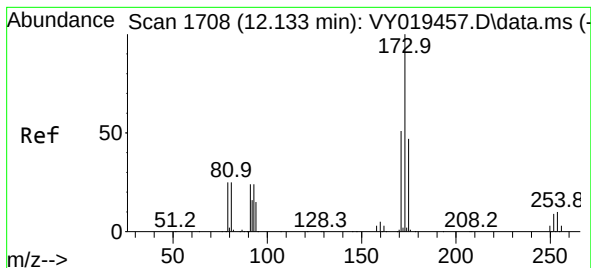
Ion Ratio Lower Upper

104 100

78 51.6 37.0 55.4

103 54.2 44.2 66.2





#71

Bromoform

Concen: 20.990 ug/l

RT: 12.127 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019753.D

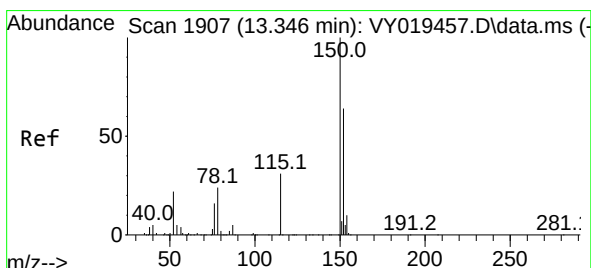
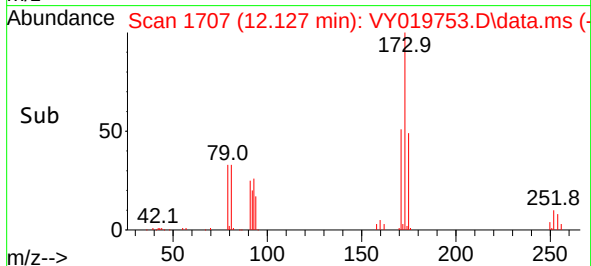
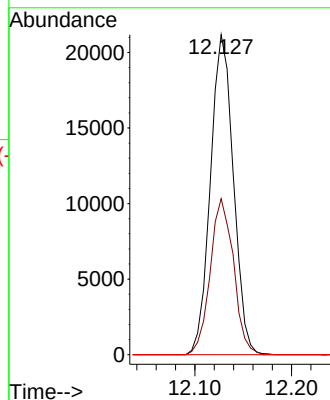
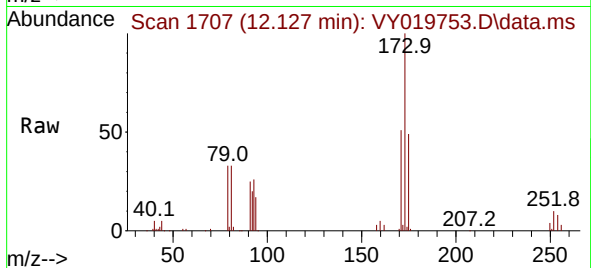
Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	34937
Ion Ratio	Lower	Upper
173	100	
175	49.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

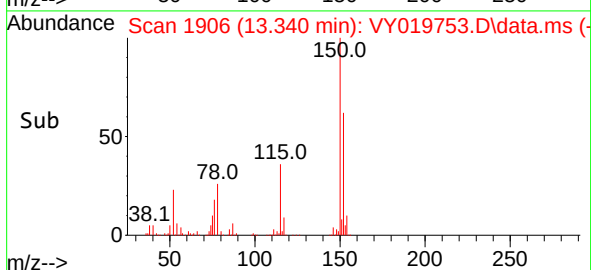
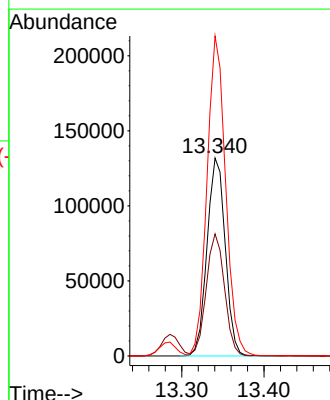
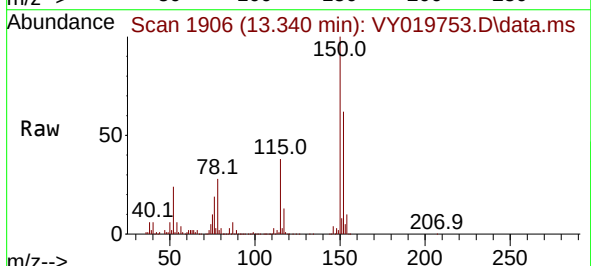
RT: 13.340 min Scan# 1906

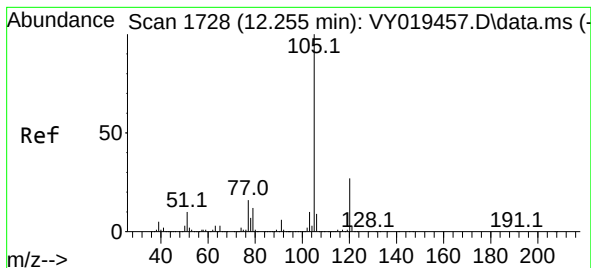
Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Tgt Ion:152	Resp:	203065
Ion Ratio	Lower	Upper
152	100	
115	62.0	28.2 84.7
150	165.0	0.0 345.6





#73

Isopropylbenzene

Concen: 21.027 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

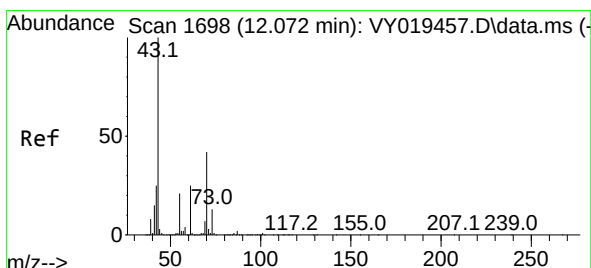
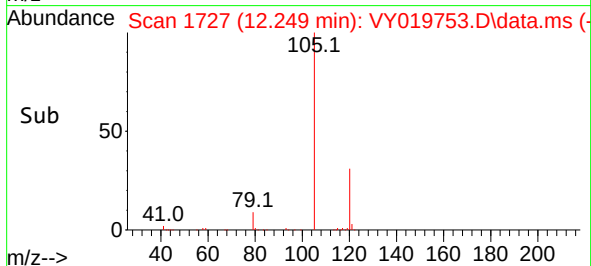
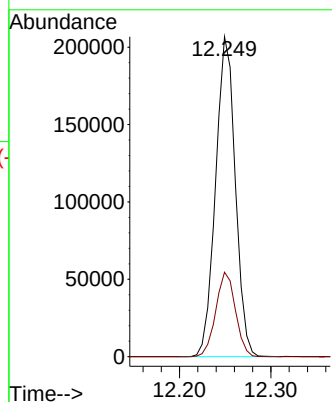
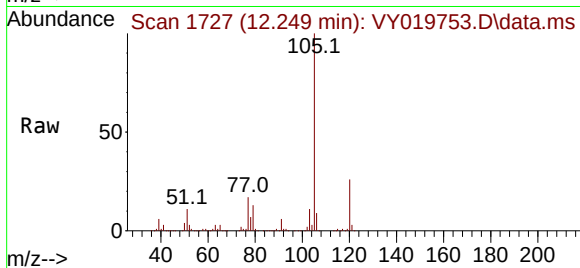
ClientSampleId :

Tgt Ion:105 Resp: 309763

Ion Ratio Lower Upper

105 100

120 26.3 13.4 40.1



#74

N-ethyl acetate

Concen: 21.772 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Tgt Ion: 43 Resp: 87229

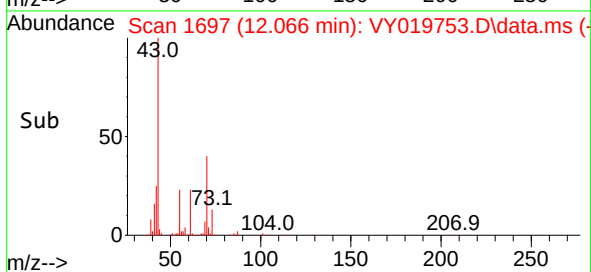
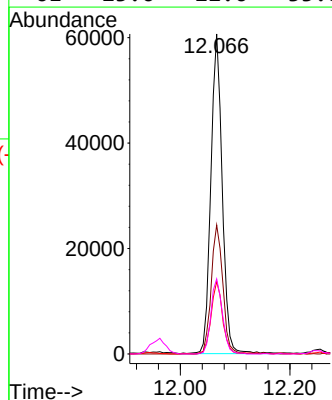
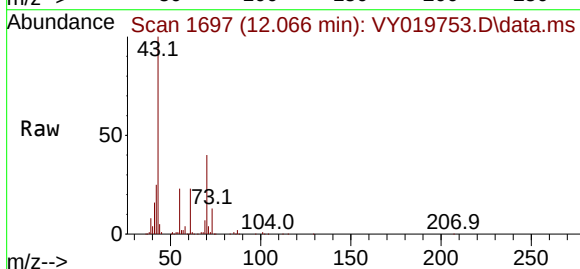
Ion Ratio Lower Upper

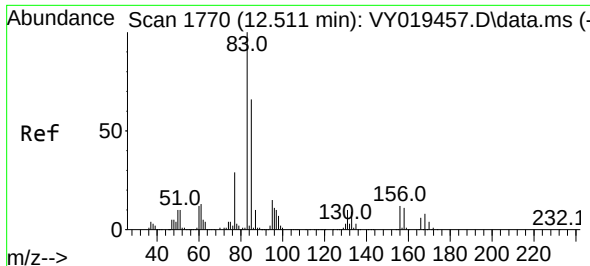
43 100

70 40.9 41.4 62.2#

55 22.8 23.3 34.9#

61 23.6 22.6 33.8

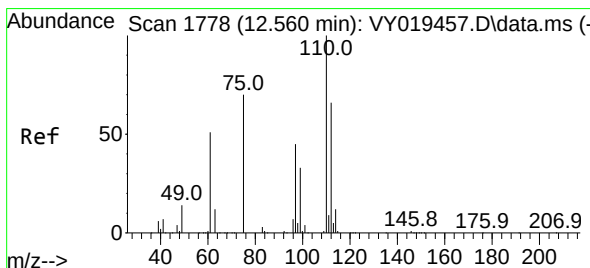
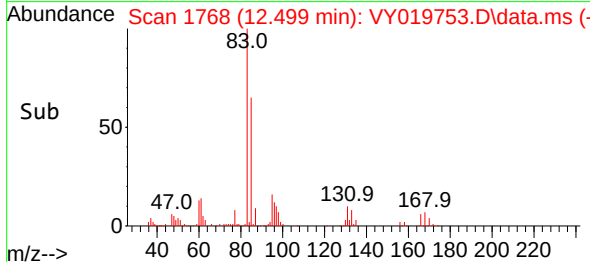
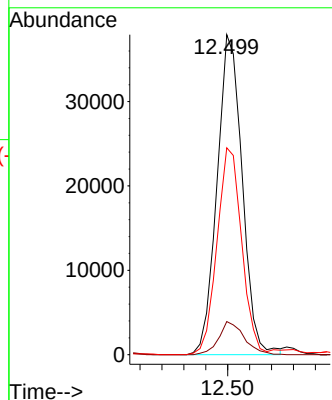
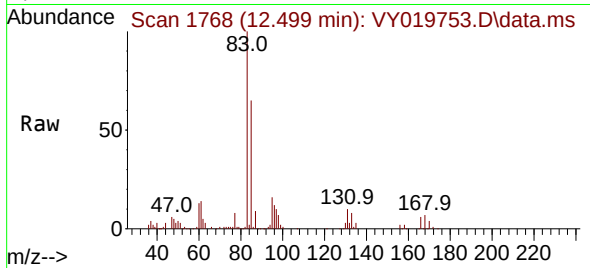




#75
1,1,2,2-Tetrachloroethane
Concen: 23.135 ug/l
RT: 12.499 min Scan# 1768
Delta R.T. -0.012 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

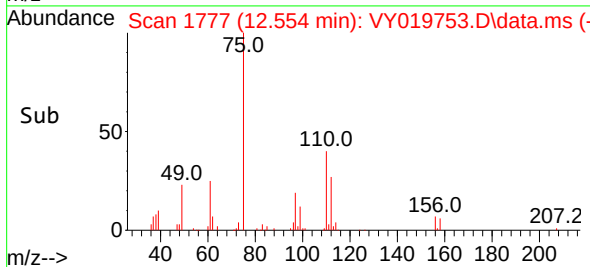
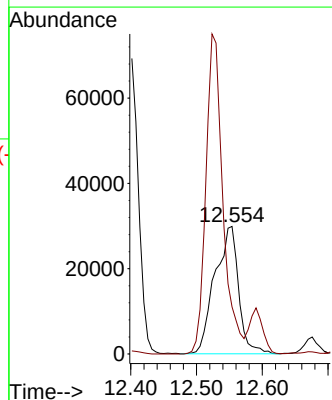
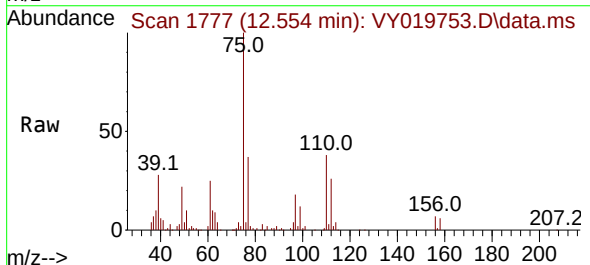
Instrument :
MSVOA_Y
ClientSampleId :

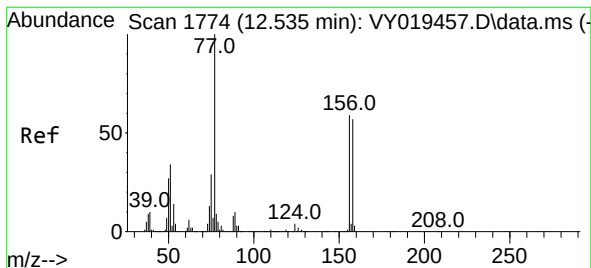
Tgt Ion: 83 Resp: 60495
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 39.504 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 75 Resp: 75188
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.403 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

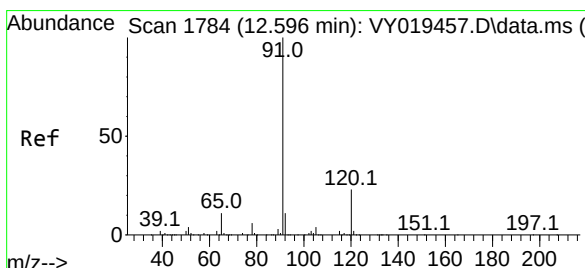
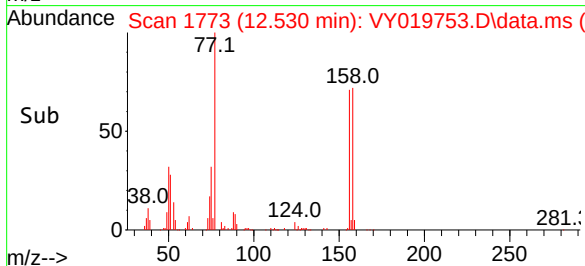
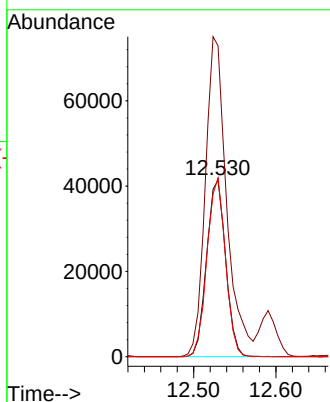
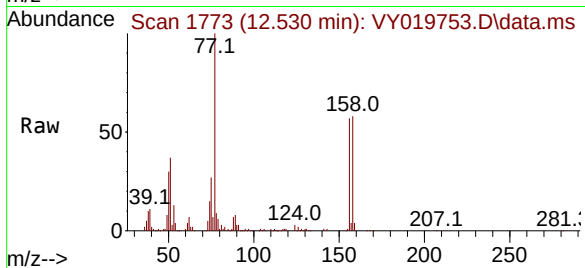
Tgt Ion:156 Resp: 66662

Ion Ratio Lower Upper

156 100

77 203.2 87.1 261.3

158 98.3 48.6 145.9



#78

n-propylbenzene

Concen: 21.060 ug/l

RT: 12.591 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019753.D

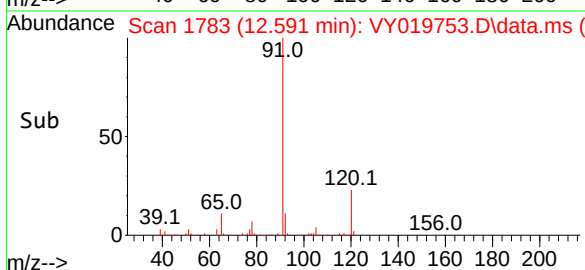
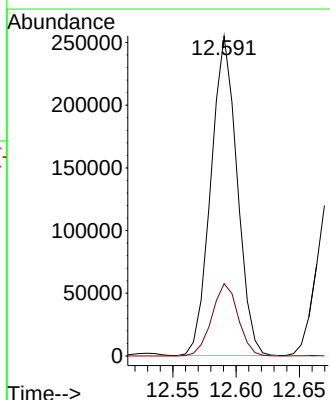
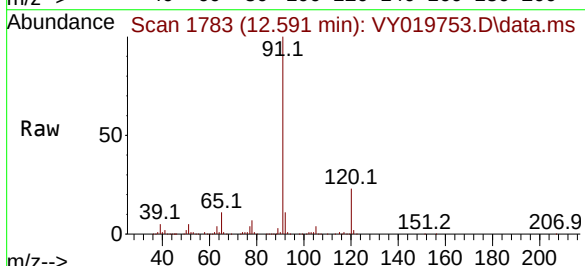
Acq: 01 Oct 2024 19:54

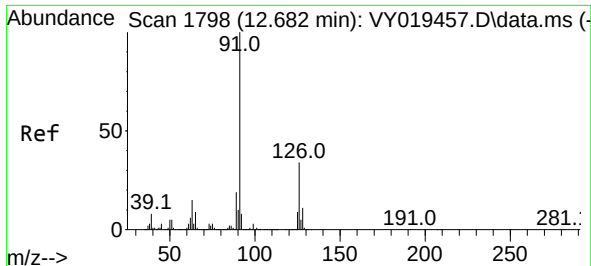
Tgt Ion: 91 Resp: 367725

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.929 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

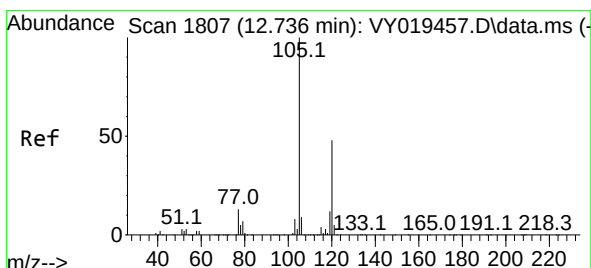
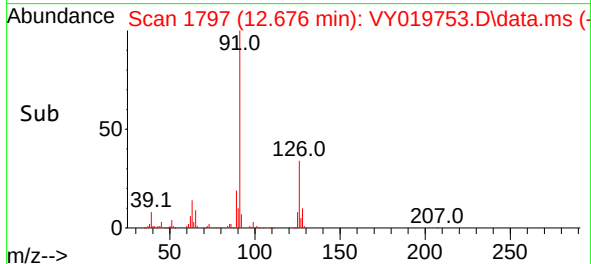
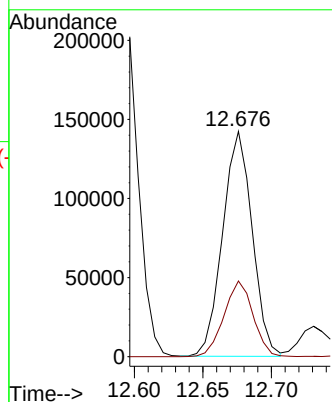
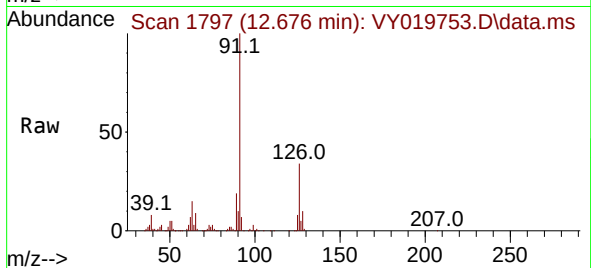
ClientSampleId :

Tgt Ion: 91 Resp: 212970

Ion Ratio Lower Upper

91 100

126 33.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.517 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019753.D

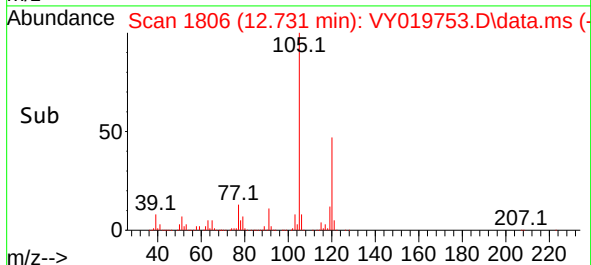
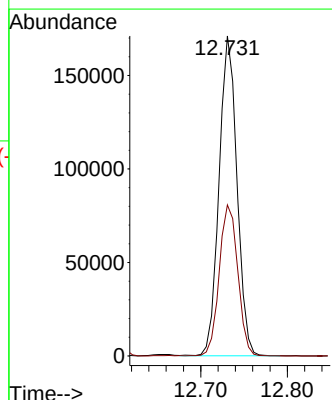
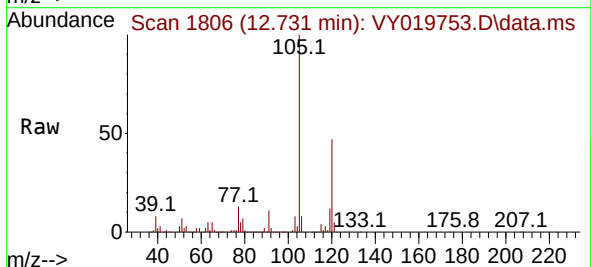
Acq: 01 Oct 2024 19:54

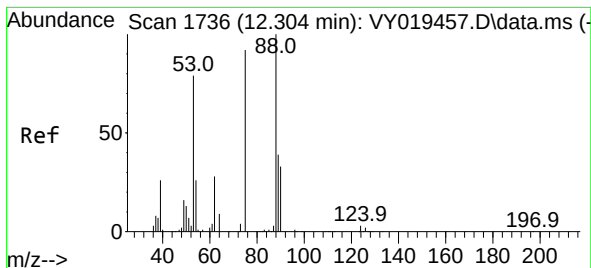
Tgt Ion: 105 Resp: 245718

Ion Ratio Lower Upper

105 100

120 48.9 25.1 75.2

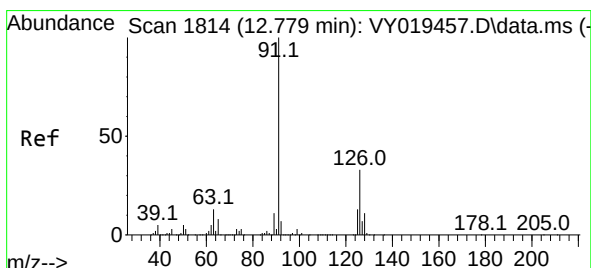
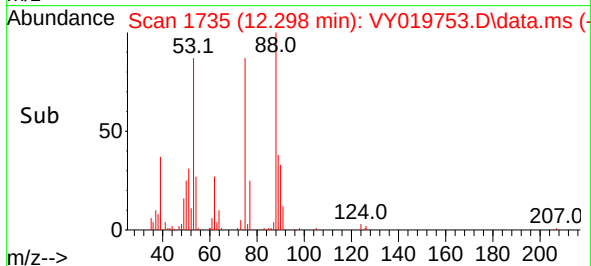
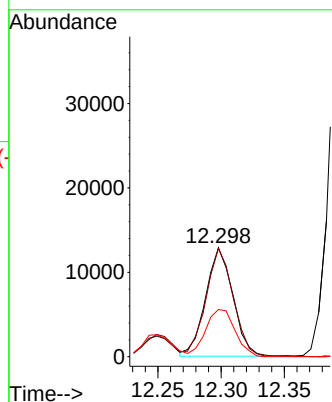
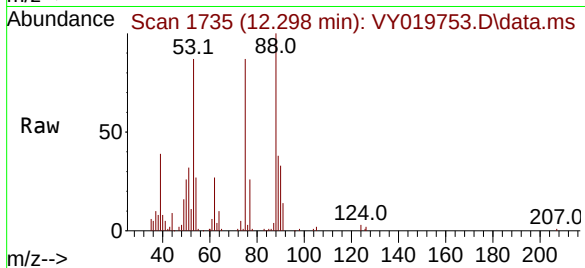




#81
trans-1,4-Dichloro-2-butene
Concen: 19.453 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

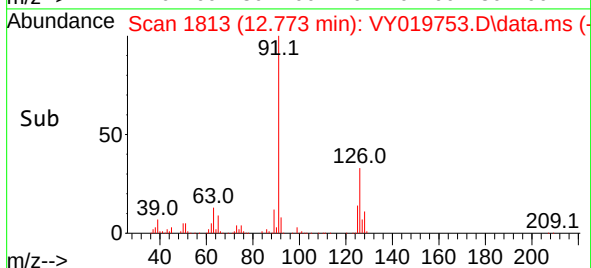
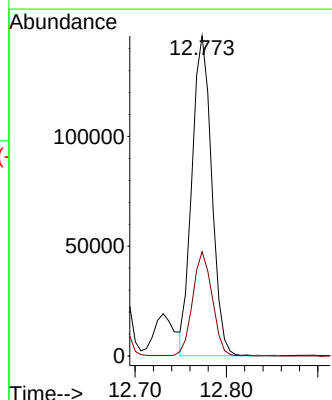
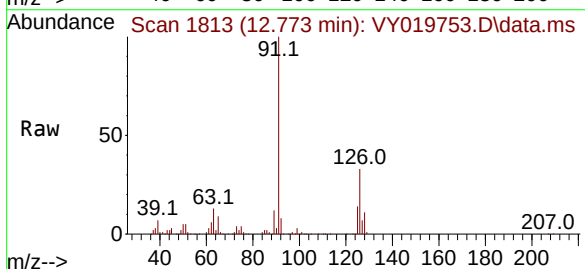
Instrument :
MSVOA_Y
ClientSampleId :

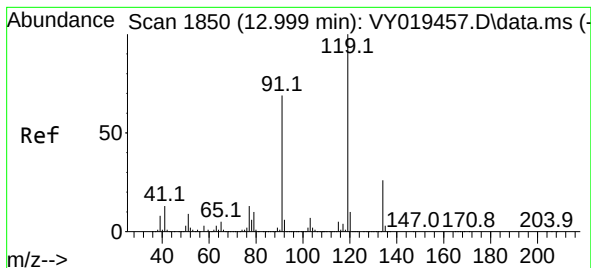
Tgt Ion: 75 Resp: 19287
Ion Ratio Lower Upper
75 100
53 100.6 66.8 100.2#
89 46.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 20.886 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019753.D
Acq: 01 Oct 2024 19:54

Tgt Ion: 91 Resp: 218496
Ion Ratio Lower Upper
91 100
126 32.5 17.6 52.9





#83

tert-Butylbenzene

Concen: 21.235 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

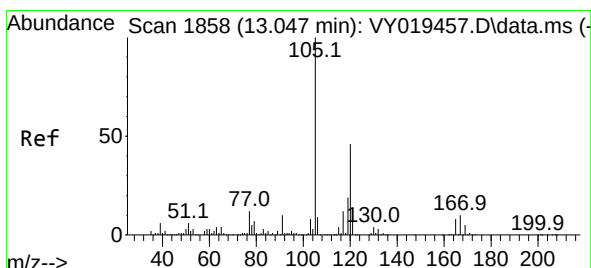
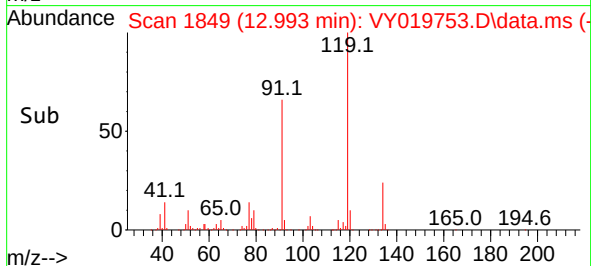
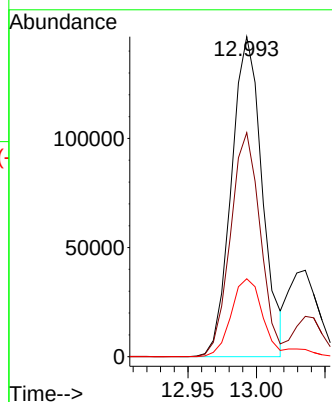
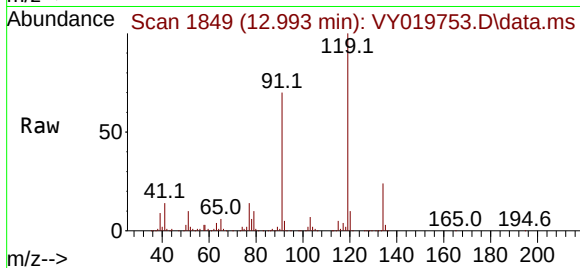
Tgt Ion:119 Resp: 230233

Ion Ratio Lower Upper

119 100

91 67.7 31.3 93.8

134 26.6 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.912 ug/l

RT: 13.036 min Scan# 1856

Delta R.T. -0.012 min

Lab File: VY019753.D

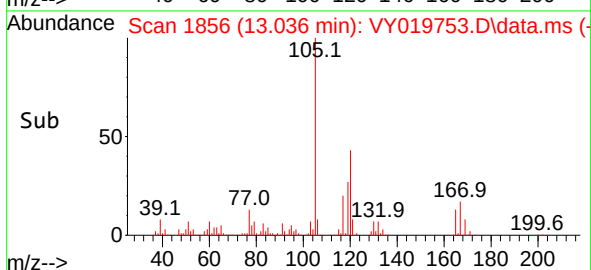
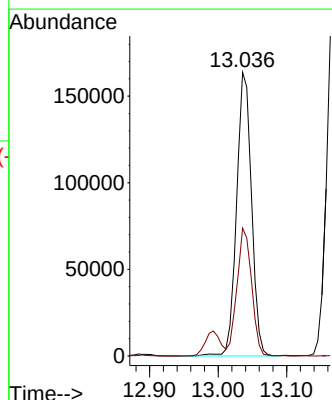
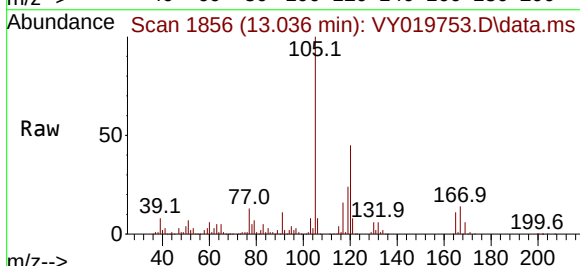
Acq: 01 Oct 2024 19:54

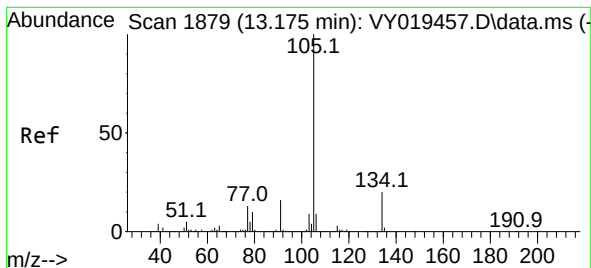
Tgt Ion:105 Resp: 247912

Ion Ratio Lower Upper

105 100

120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.453 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

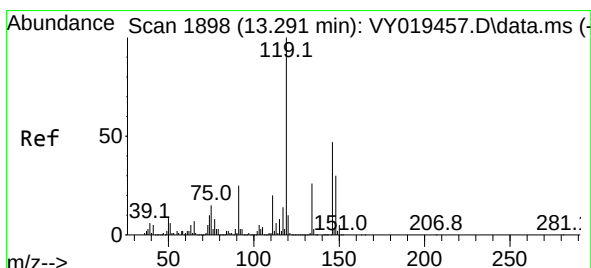
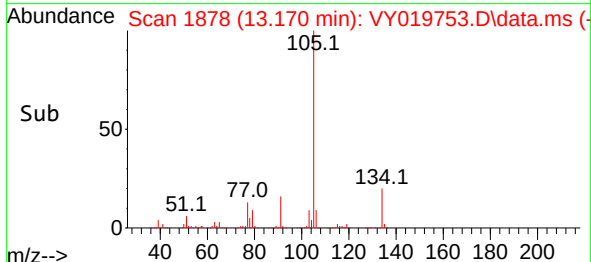
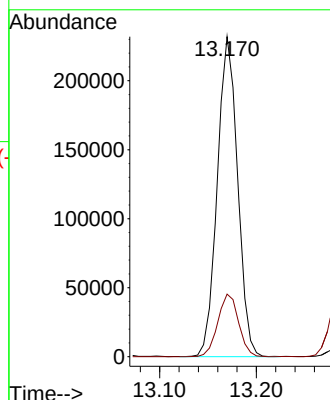
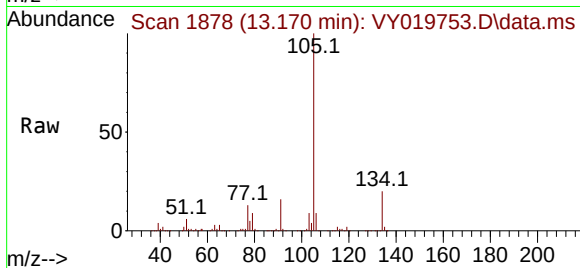
ClientSampleId :

Tgt Ion:105 Resp: 337893

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.222 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

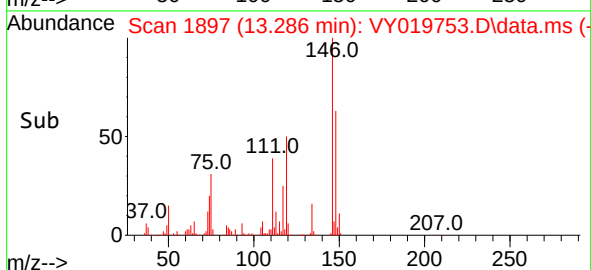
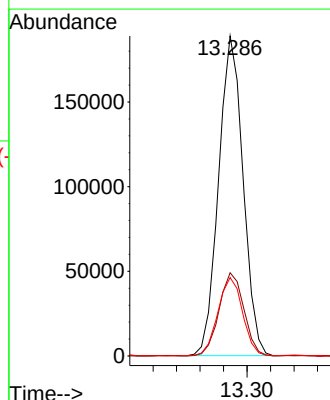
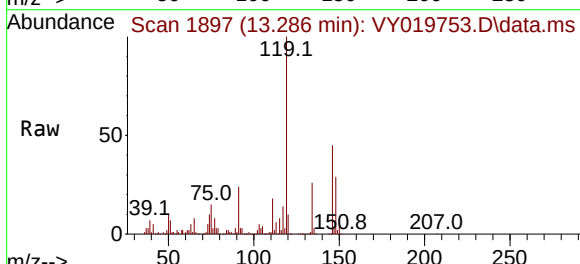
Tgt Ion:119 Resp: 273478

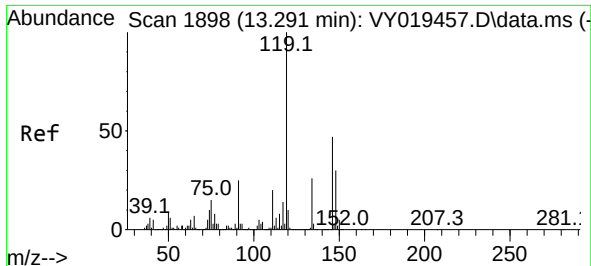
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.222 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

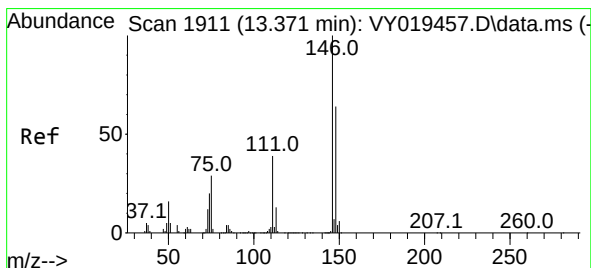
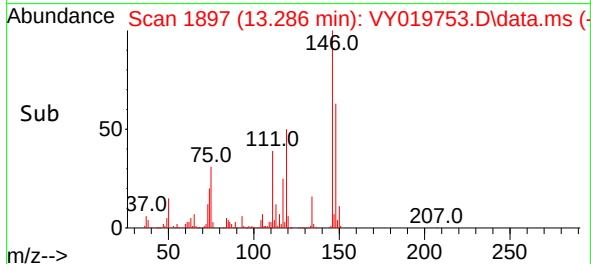
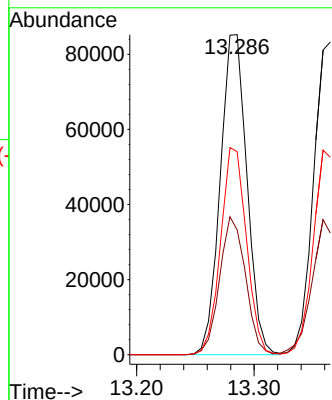
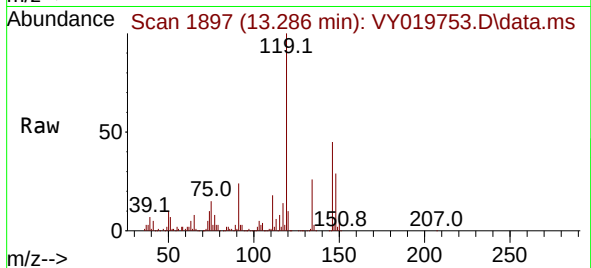
Tgt Ion:146 Resp: 134731

Ion Ratio Lower Upper

146 100

111 41.8 19.0 57.0

148 62.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.982 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

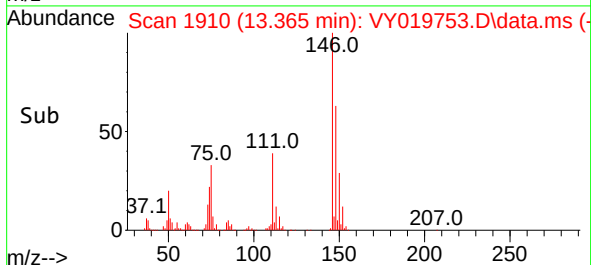
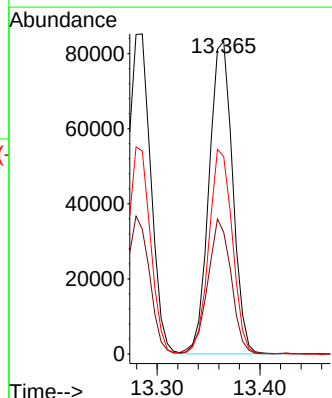
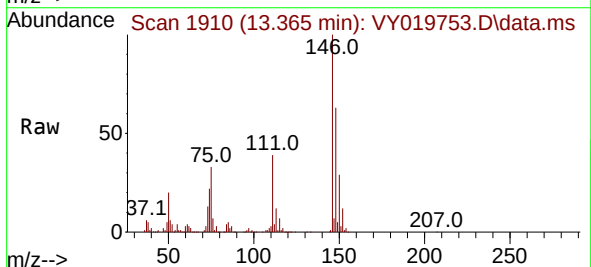
Tgt Ion:146 Resp: 132202

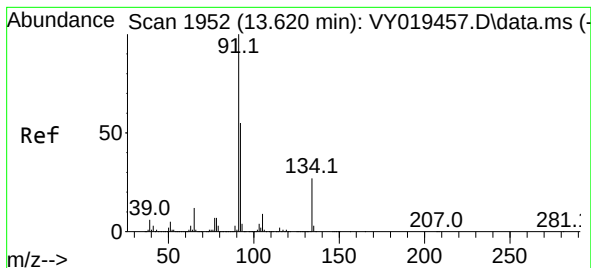
Ion Ratio Lower Upper

146 100

111 43.2 18.4 55.4

148 65.2 32.4 97.2





#89

n-Butylbenzene

Concen: 21.453 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

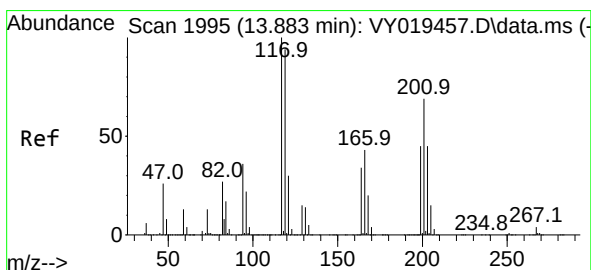
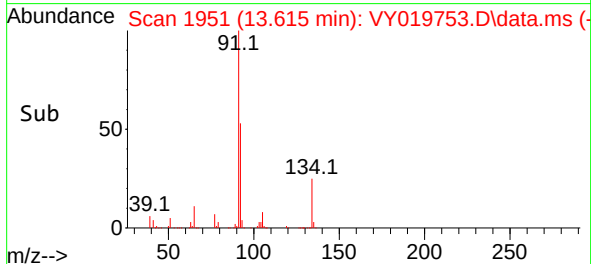
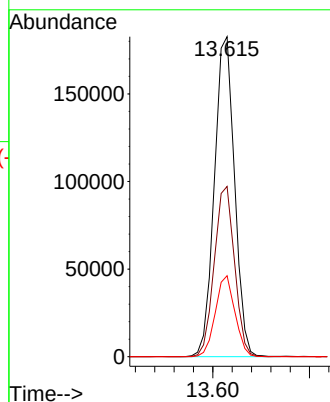
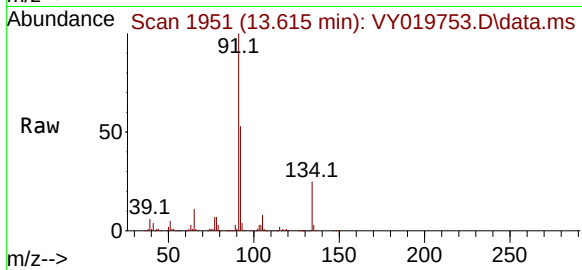
Tgt Ion: 91 Resp: 264289

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.7

134 24.6 12.9 38.7



#90

Hexachloroethane

Concen: 20.917 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019753.D

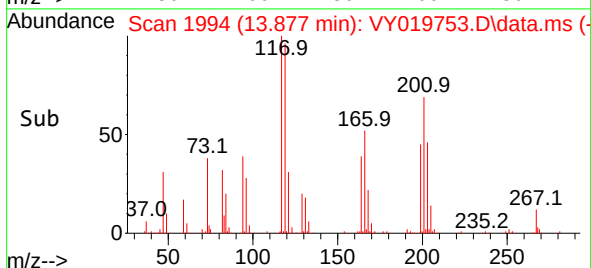
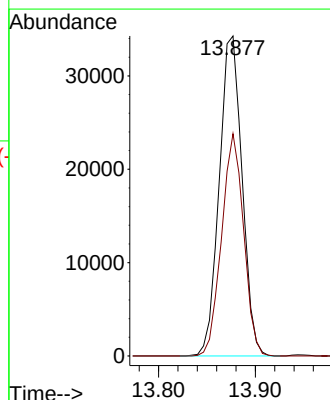
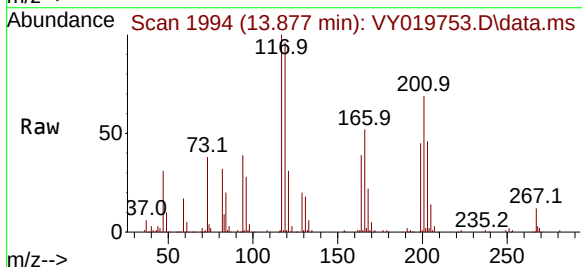
Acq: 01 Oct 2024 19:54

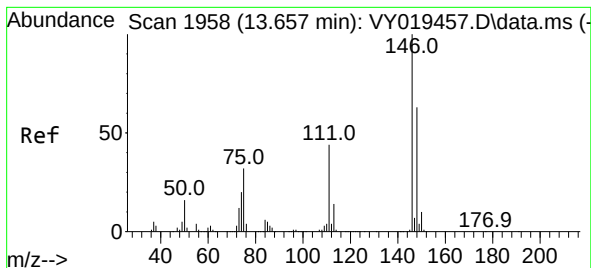
Tgt Ion: 117 Resp: 56084

Ion Ratio Lower Upper

117 100

201 66.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.702 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

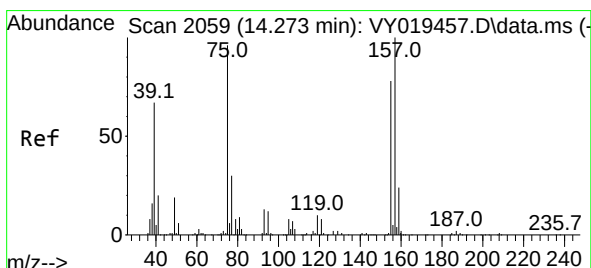
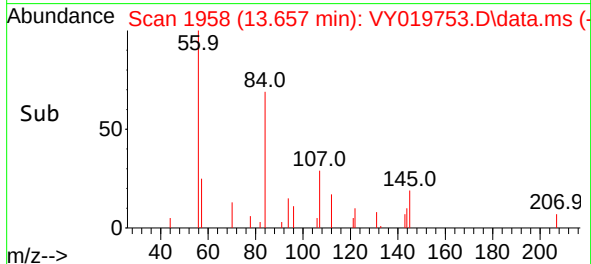
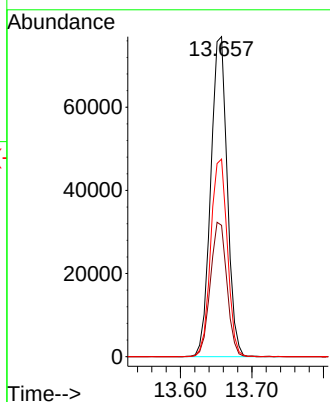
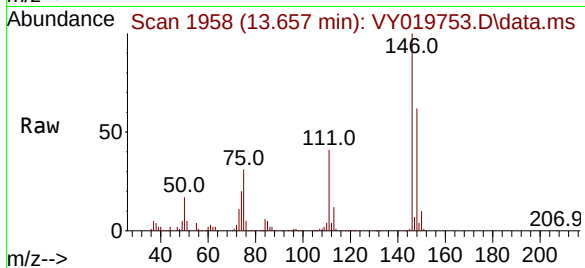
Tgt Ion:146 Resp: 122951

Ion Ratio Lower Upper

146 100

111 42.3 19.9 59.7

148 62.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.910 ug/l

RT: 14.267 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

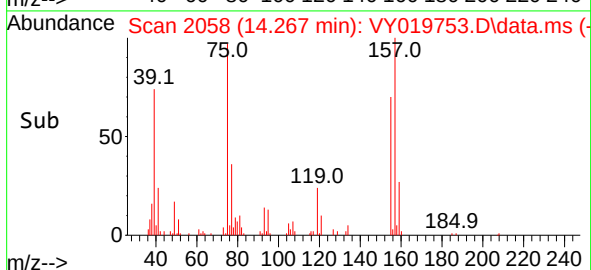
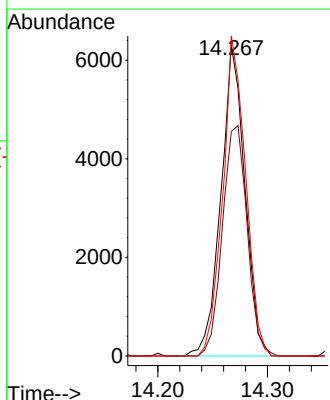
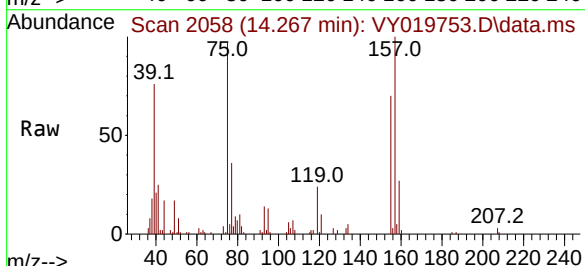
Tgt Ion: 75 Resp: 9548

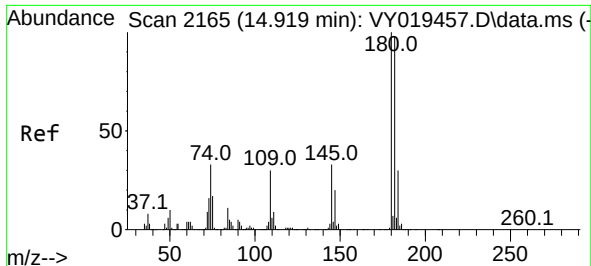
Ion Ratio Lower Upper

75 100

155 76.7 48.6 145.8

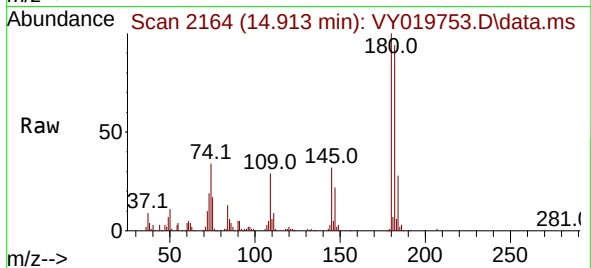
157 98.4 62.7 188.2



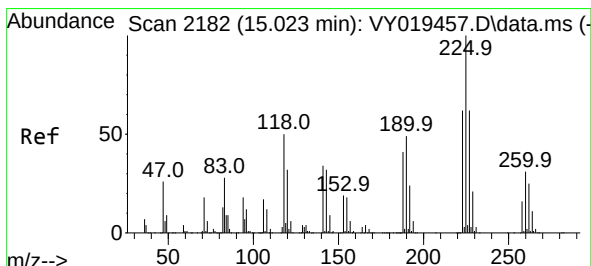
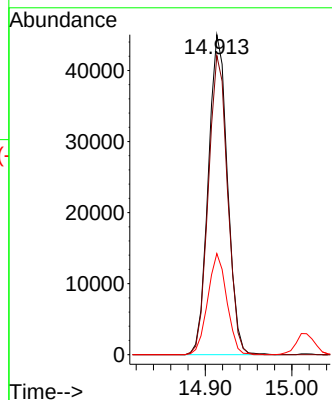
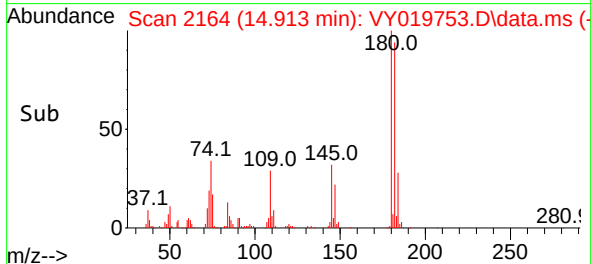


#93
 1,2,4-Trichlorobenzene
 Concen: 20.129 ug/l
 RT: 14.913 min Scan# 2164
 Delta R.T. -0.006 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54

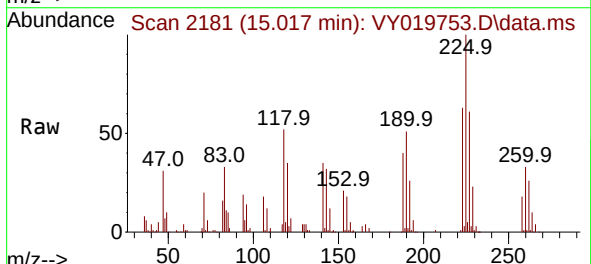
Instrument :
 MSVOA_Y
 ClientSampleId :



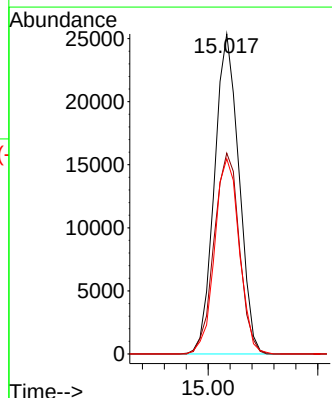
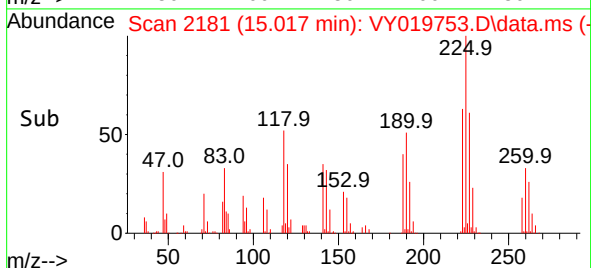
Tgt Ion:180 Resp: 69358
 Ion Ratio Lower Upper
 180 100
 182 93.4 47.9 143.8
 145 31.3 14.2 42.6

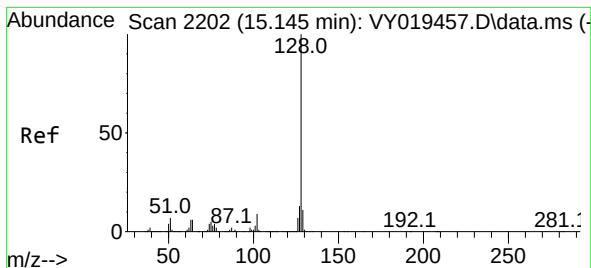


#94
 Hexachlorobutadiene
 Concen: 21.363 ug/l
 RT: 15.017 min Scan# 2181
 Delta R.T. -0.006 min
 Lab File: VY019753.D
 Acq: 01 Oct 2024 19:54



Tgt Ion:225 Resp: 39325
 Ion Ratio Lower Upper
 225 100
 223 64.7 30.4 91.2
 227 61.5 31.9 95.9





#95

Naphthalene

Concen: 19.680 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Instrument :

MSVOA_Y

ClientSampleId :

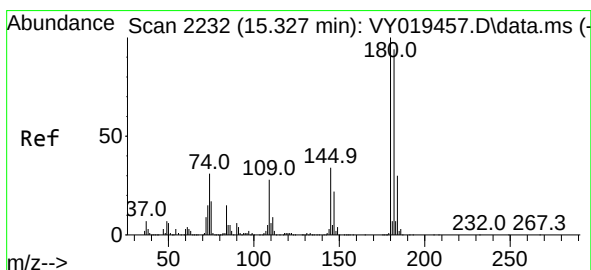
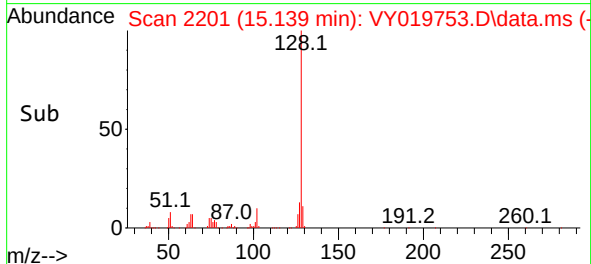
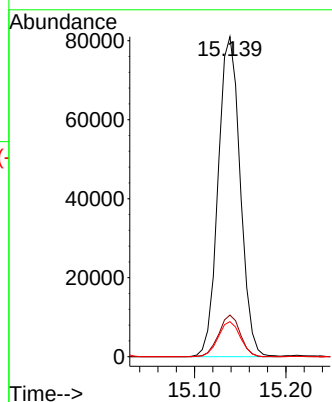
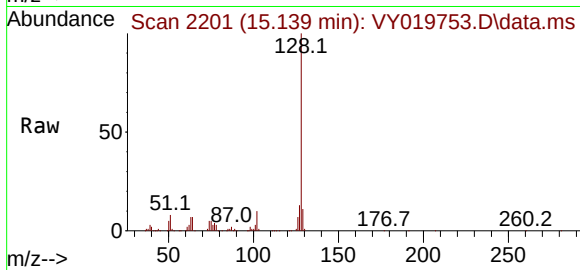
Tgt Ion:128 Resp: 135798

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.999 ug/l

RT: 15.322 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY019753.D

Acq: 01 Oct 2024 19:54

Tgt Ion:180 Resp: 58945

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 35.4 15.4 46.1

