

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019598.D
 Acq On : 18 Sep 2024 12:12
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:23:48 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	390059	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	663472	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	559201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	264419	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	184926	51.200	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.400%	
35) Dibromofluoromethane	7.628	113	185756	49.380	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.760%	
50) Toluene-d8	10.109	98	688324	49.470	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.408	95	242672	45.359	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 90.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	53260	22.750	ug/l	100
3) Chloromethane	2.074	50	66344	20.558	ug/l	99
4) Vinyl Chloride	2.208	62	75114	21.525	ug/l	98
5) Bromomethane	2.599	94	50359	23.494	ug/l	99
6) Chloroethane	2.739	64	52198	22.881	ug/l	95
7) Trichlorofluoromethane	3.062	101	125764	21.620	ug/l	94
8) Diethyl Ether	3.458	74	37497	19.203	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	74597	20.730	ug/l	95
10) Methyl Iodide	4.007	142	77327	16.761	ug/l	92
11) Tert butyl alcohol	4.848	59	34931	119.755	ug/l	# 82
12) 1,1-Dichloroethene	3.793	96	65548	18.941	ug/l	86
13) Acrolein	3.647	56	16846	112.061	ug/l	99
14) Allyl chloride	4.385	41	113369	18.267	ug/l	# 92
15) Acrylonitrile	5.061	53	84749	100.660	ug/l	98
16) Acetone	3.867	43	96558	112.215	ug/l	87
17) Carbon Disulfide	4.104	76	158693	16.972	ug/l	99
18) Methyl Acetate	4.385	43	39553	16.938	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	192164	19.606	ug/l	98
20) Methylene Chloride	4.610	84	83115	21.180	ug/l	92
21) trans-1,2-Dichloroethene	5.110	96	72562	19.129	ug/l	96
22) Diisopropyl ether	6.013	45	247618	19.430	ug/l	89
23) Vinyl Acetate	5.958	43	712347	97.859	ug/l	93
24) 1,1-Dichloroethane	5.909	63	143810	20.110	ug/l	97
25) 2-Butanone	6.890	43	130499	106.633	ug/l	# 86
26) 2,2-Dichloropropane	6.878	77	138802	21.517	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	91025	19.755	ug/l	87
28) Bromochloromethane	7.244	49	53162	17.668	ug/l	85
29) Tetrahydrofuran	7.256	42	70929	95.322	ug/l	87
30) Chloroform	7.421	83	150887	20.668	ug/l	98
31) Cyclohexane	7.701	56	121764	18.837	ug/l	92
32) 1,1,1-Trichloroethane	7.616	97	135807	20.754	ug/l	98
36) 1,1-Dichloropropene	7.835	75	100868	19.706	ug/l	97
37) Ethyl Acetate	6.982	43	49716	18.956	ug/l	# 97
38) Carbon Tetrachloride	7.817	117	116829	20.240	ug/l	99
39) Methylcyclohexane	9.110	83	127114	18.661	ug/l	92
40) Benzene	8.079	78	308679	19.579	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	28038	18.340	ug/l	89
42) 1,2-Dichloroethane	8.158	62	85950	20.260	ug/l	96
43) Isopropyl Acetate	8.195	43	104164	18.904	ug/l #	80
44) Trichloroethene	8.866	130	79015	19.487	ug/l	99
45) 1,2-Dichloropropane	9.140	63	75053	19.472	ug/l	100
46) Dibromomethane	9.231	93	41894	19.876	ug/l	96
47) Bromodichloromethane	9.427	83	113489	20.031	ug/l	96
48) Methyl methacrylate	9.219	41	47410	18.220	ug/l	85
49) 1,4-Dioxane	9.225	88	10313	415.631	ug/l #	98
51) 4-Methyl-2-Pentanone	10.000	43	263944	95.216	ug/l	91
52) Toluene	10.170	92	200244	19.749	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	101557	18.803	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	119017	18.925	ug/l #	90
55) 1,1,2-Trichloroethane	10.573	97	57960	19.913	ug/l	97
56) Ethyl methacrylate	10.439	69	81088	18.339	ug/l #	79
57) 1,3-Dichloropropane	10.719	76	99765	19.940	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	183644	89.487	ug/l	97
59) 2-Hexanone	10.762	43	196376	96.628	ug/l	90
60) Dibromochloromethane	10.914	129	77065	20.015	ug/l	97
61) 1,2-Dibromoethane	11.018	107	52650	19.413	ug/l	98
64) Tetrachloroethene	10.652	164	66422	19.181	ug/l	95
65) Chlorobenzene	11.444	112	221307	20.119	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	75204	19.746	ug/l	99
67) Ethyl Benzene	11.518	91	396836	20.304	ug/l	100
68) m/p-Xylenes	11.627	106	293910	39.769	ug/l	93
69) o-Xylene	11.957	106	143649	19.875	ug/l	96
70) Styrene	11.969	104	241549	19.795	ug/l	96
71) Bromoform	12.133	173	40519	18.627	ug/l #	97
73) Isopropylbenzene	12.255	105	387412	20.196	ug/l	100
74) N-amyl acetate	12.072	43	94039	18.025	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	67854	19.929	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	85866	34.646	ug/l #	100
77) Bromobenzene	12.530	156	82644	19.425	ug/l	90
78) n-propylbenzene	12.597	91	464319	20.421	ug/l	98
79) 2-Chlorotoluene	12.682	91	266647	20.124	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	310383	19.903	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	22105	17.122	ug/l	89
82) 4-Chlorotoluene	12.780	91	269658	19.795	ug/l	97
83) tert-Butylbenzene	12.999	119	288380	20.427	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	309898	20.075	ug/l	97
85) sec-Butylbenzene	13.176	105	421872	20.570	ug/l	99
86) p-Isopropyltoluene	13.292	119	341223	20.335	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	166879	20.186	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	162077	19.755	ug/l	96
89) n-Butylbenzene	13.615	91	327299	20.403	ug/l	99
90) Hexachloroethane	13.877	117	67821	19.425	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	146897	19.912	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	10528	18.553	ug/l	80
93) 1,2,4-Trichlorobenzene	14.919	180	80499	17.941	ug/l	97
94) Hexachlorobutadiene	15.023	225	44714	18.655	ug/l	98
95) Naphthalene	15.145	128	148811	16.562	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	65784	17.141	ug/l	96

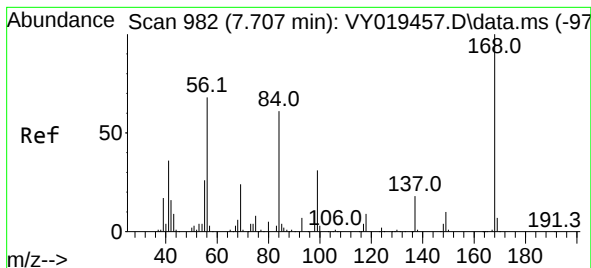
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
Data File : VY019598.D
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

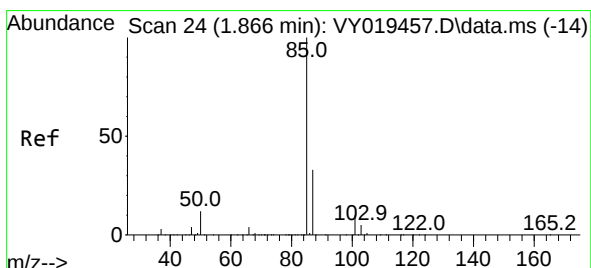
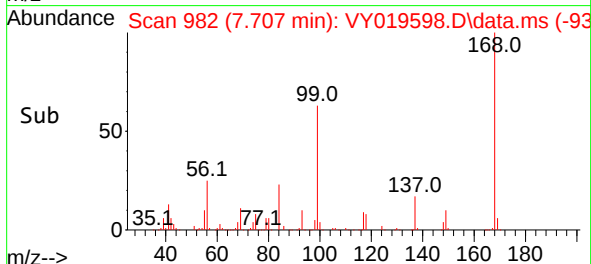
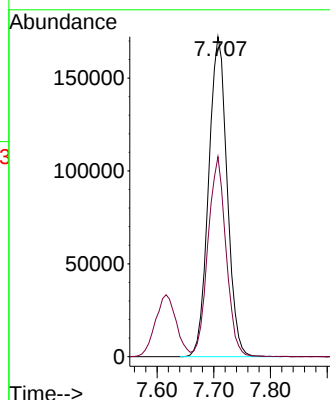
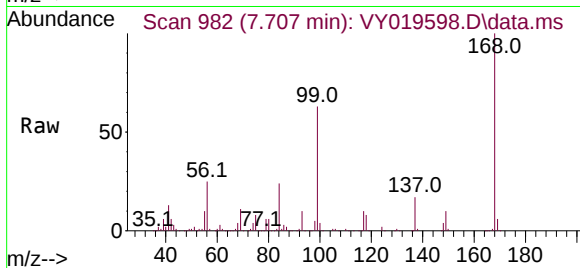
ClientSampleId :

Tgt Ion:168 Resp: 390059

Ion Ratio Lower Upper

168 100

99 62.4 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 22.750 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019598.D

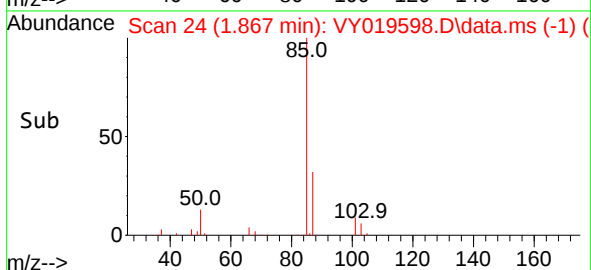
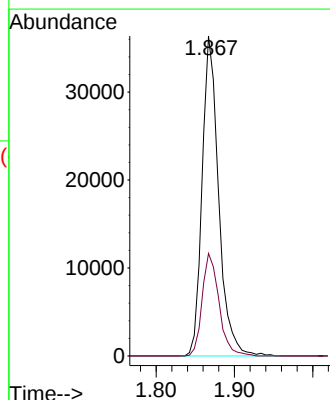
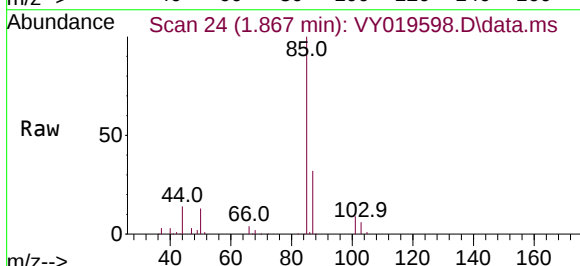
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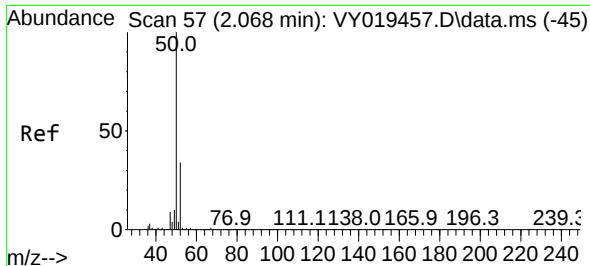
Tgt Ion: 85 Resp: 53260

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0

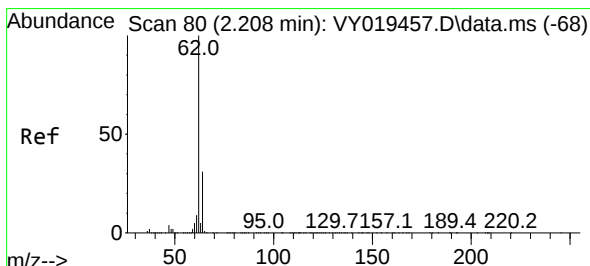
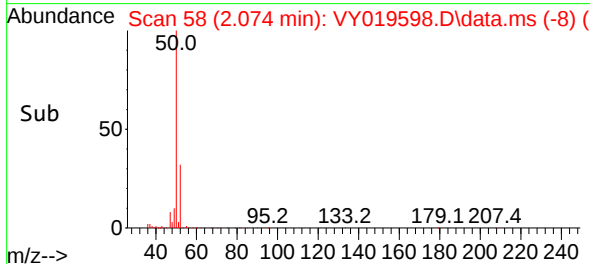
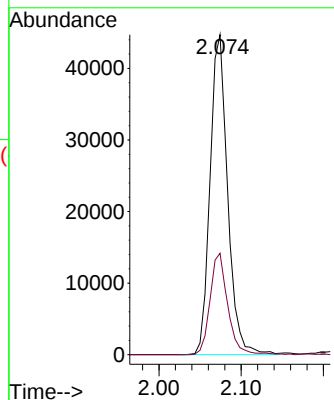
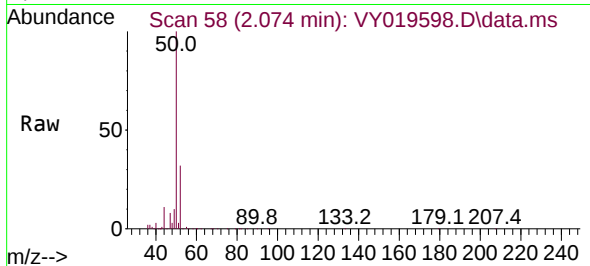




#3
Chloromethane
Concen: 20.558 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

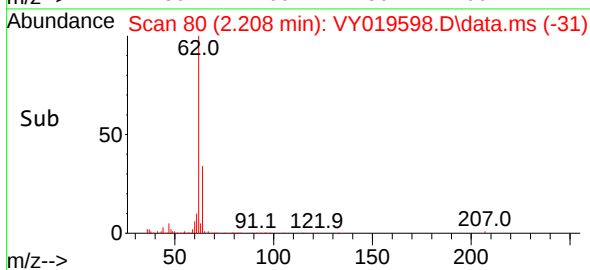
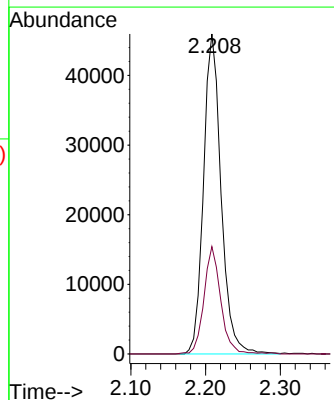
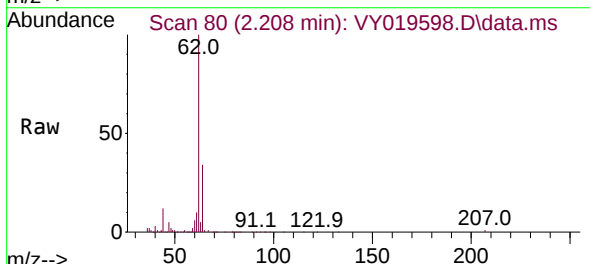
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 50 Resp: 66344
Ion Ratio Lower Upper
50 100
52 31.7 25.6 38.4



#4
Vinyl Chloride
Concen: 21.525 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 62 Resp: 75114
Ion Ratio Lower Upper
62 100
64 33.6 26.1 39.1

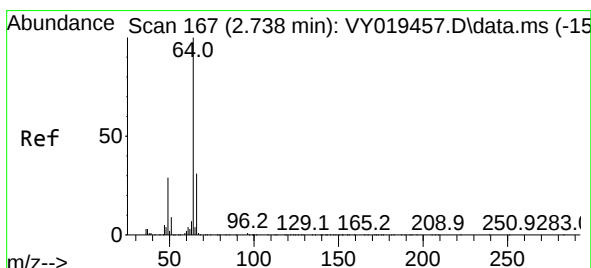
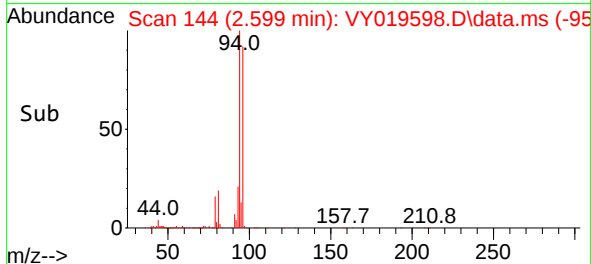
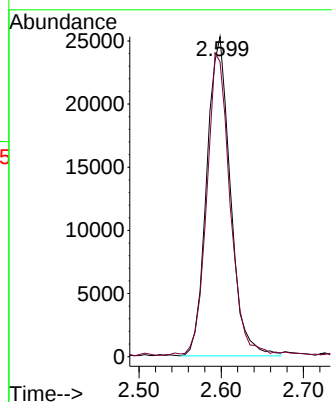
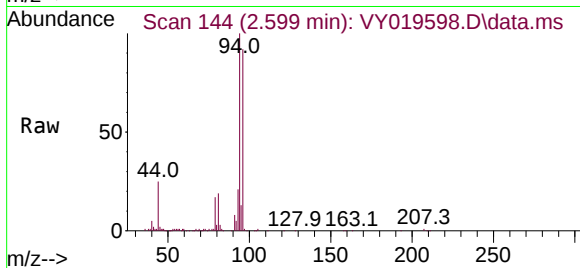




#5
Bromomethane
Concen: 23.494 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

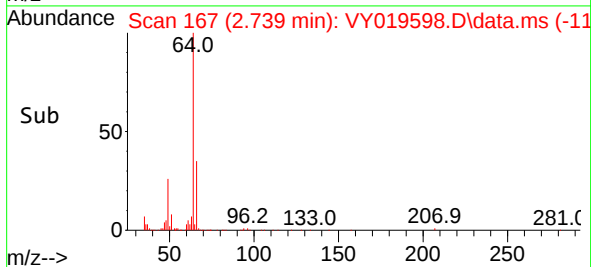
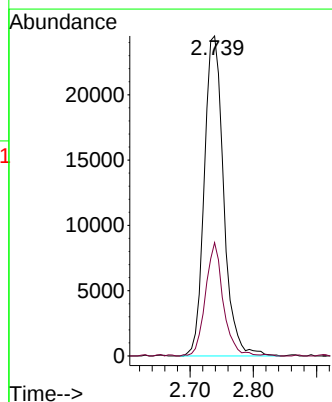
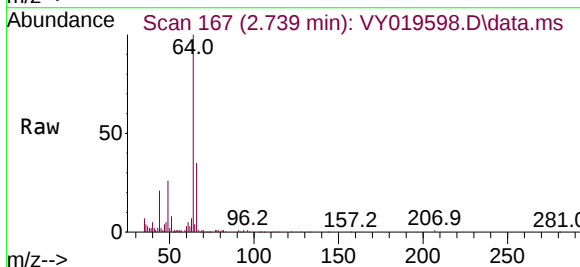
Instrument :
MSVOA_Y
ClientSampleId :

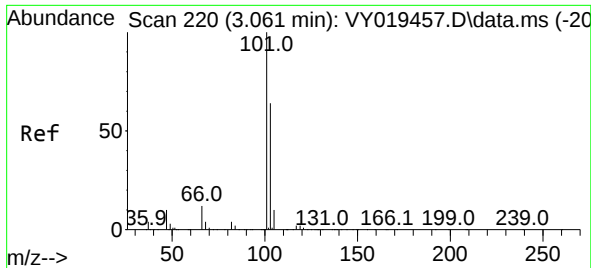
Tgt Ion: 94 Resp: 50359
Ion Ratio Lower Upper
94 100
96 91.5 74.1 111.1



#6
Chloroethane
Concen: 22.881 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

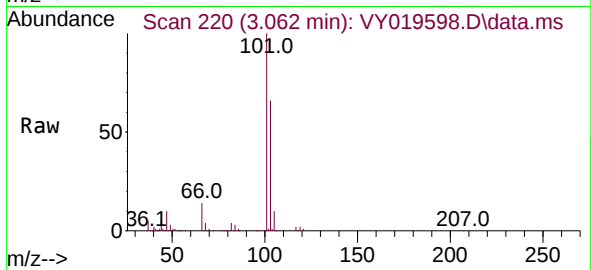
Tgt Ion: 64 Resp: 52198
Ion Ratio Lower Upper
64 100
66 35.4 26.1 39.1



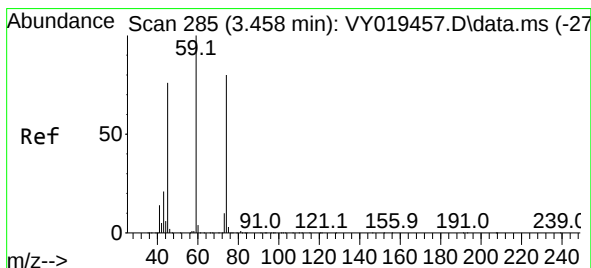
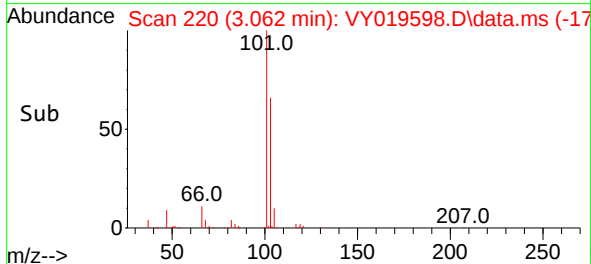
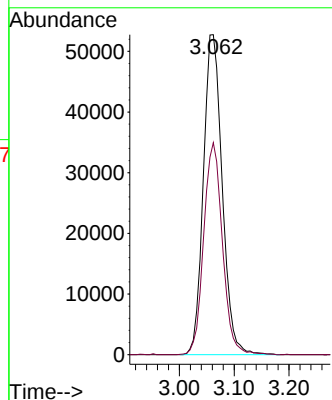


#7
 Trichlorofluoromethane
 Concen: 21.620 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019598.D
 Acq: 18 Sep 2024 12:12

Instrument :
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 ClientSampleId :

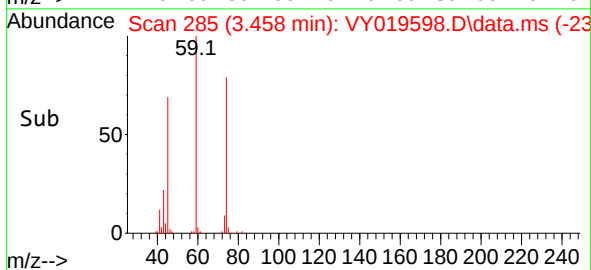
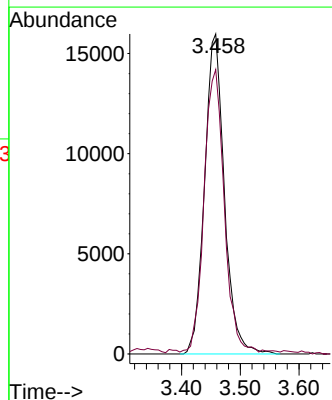
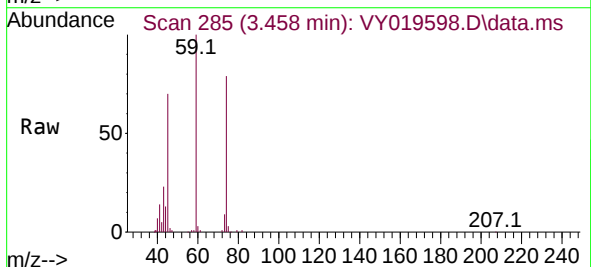


Tgt Ion:101 Resp: 125764
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.203 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019598.D
 Acq: 18 Sep 2024 12:12

Tgt Ion: 74 Resp: 37497
 Ion Ratio Lower Upper
 74 100
 45 89.2 41.3 124.1

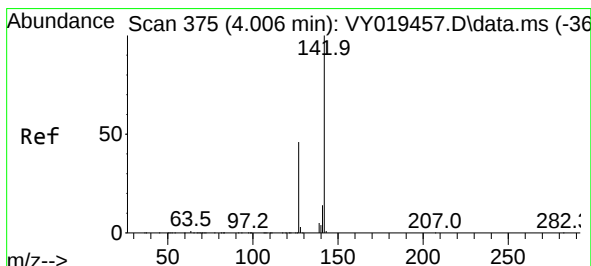
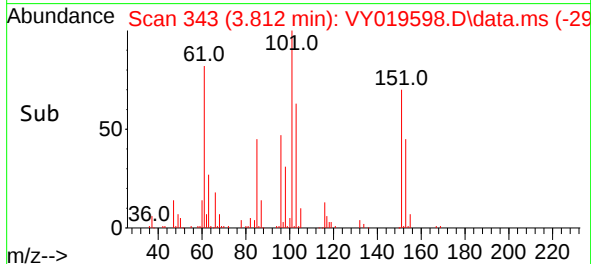
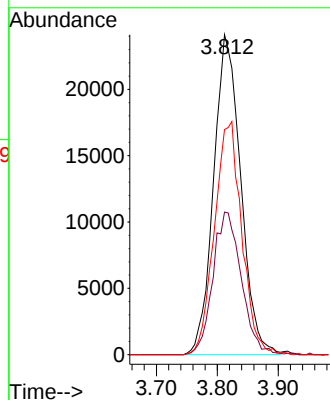
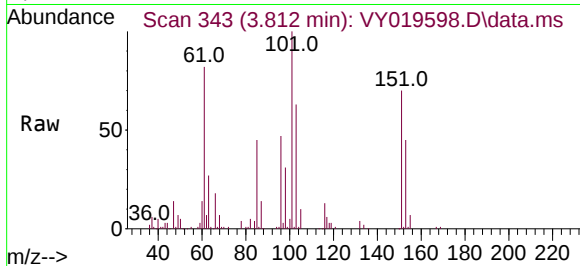




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.730 ug/l
RT: 3.812 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

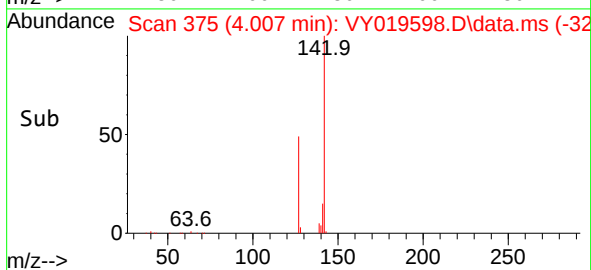
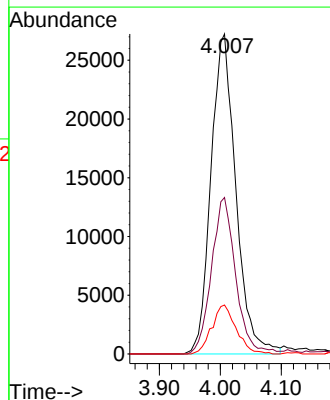
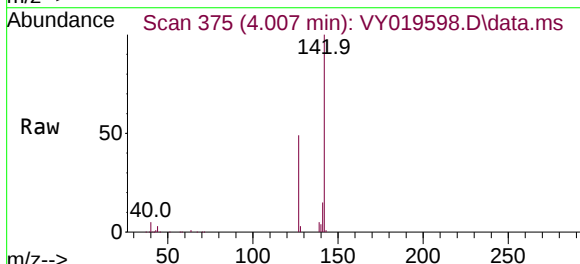
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MSVOA_Y
ClientSampleId :

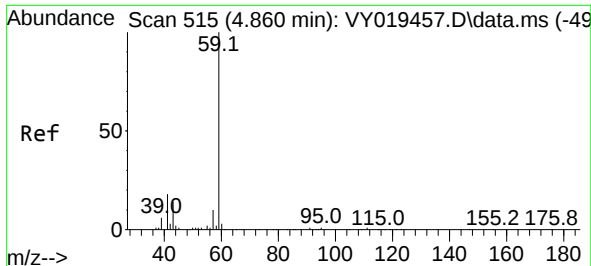
Tgt Ion:101 Resp: 74597
Ion Ratio Lower Upper
101 100
85 46.5 34.5 51.7
151 73.4 61.7 92.5



#10
Methyl Iodide
Concen: 16.761 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion:142 Resp: 77327
Ion Ratio Lower Upper
142 100
127 47.6 32.8 49.2
141 15.0 11.4 17.2

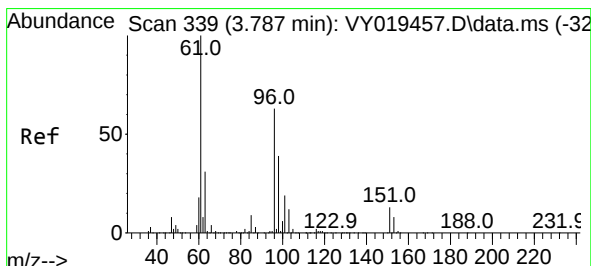
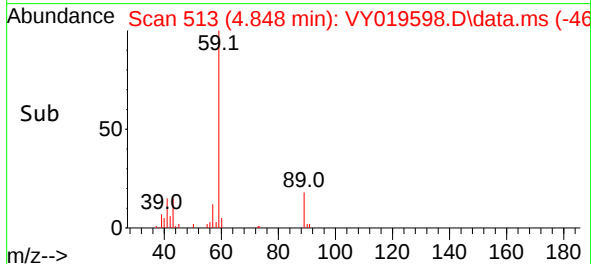
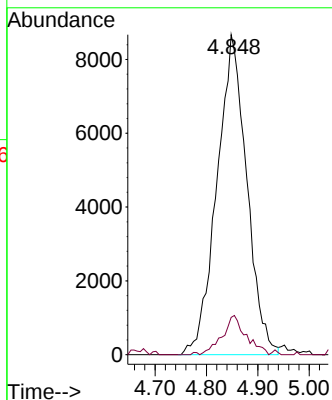
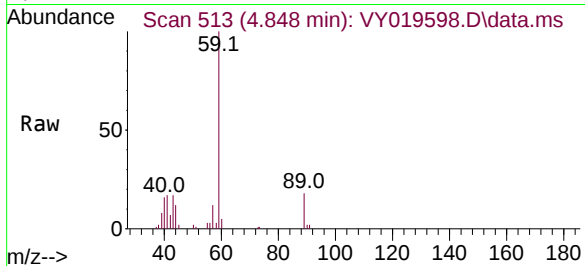




#11
Tert butyl alcohol
Concen: 119.755 ug/l
RT: 4.848 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

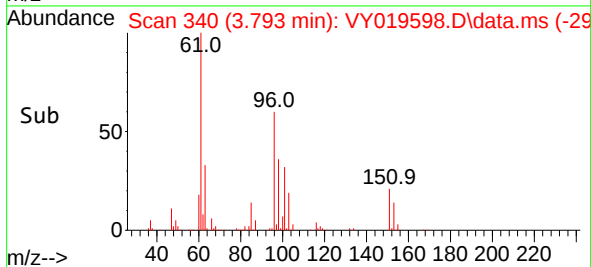
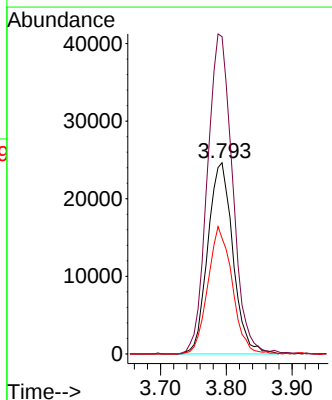
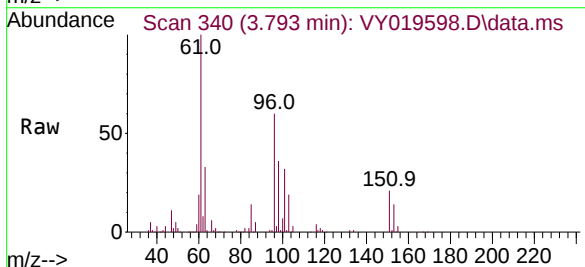
Instrument :
MSVOA_Y
ClientSampleId :

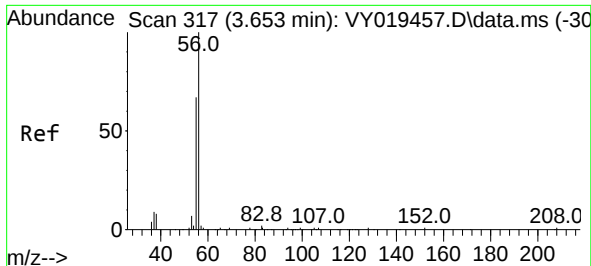
Tgt Ion: 59 Resp: 34931
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 18.941 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.007 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 96 Resp: 65548
Ion Ratio Lower Upper
96 100
61 166.0 114.6 171.8
98 60.6 50.8 76.2

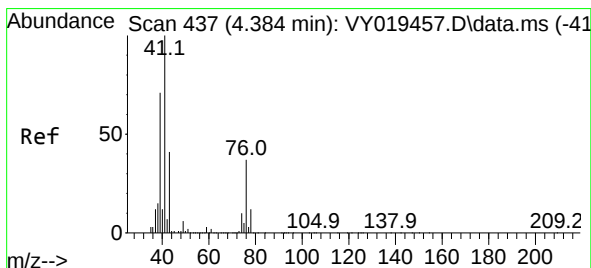
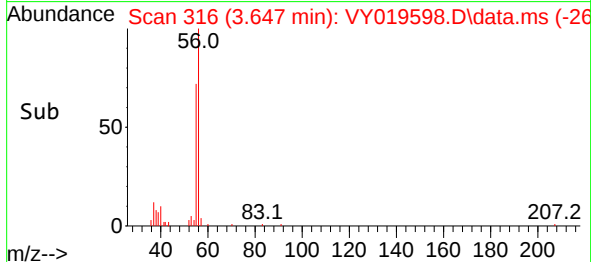
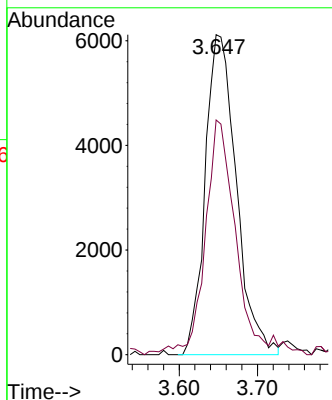
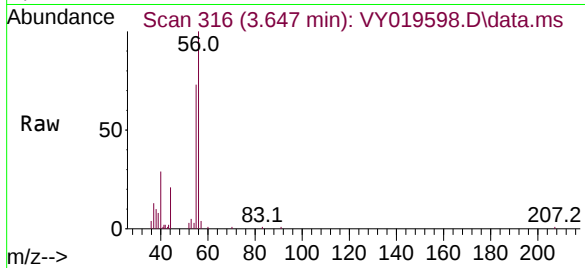




#13
Acrolein
Concen: 112.061 ug/l
RT: 3.647 min Scan# 317
Delta R.T. -0.006 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

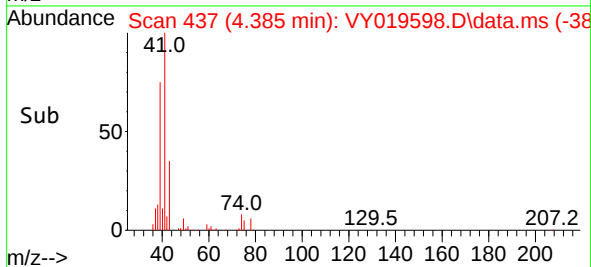
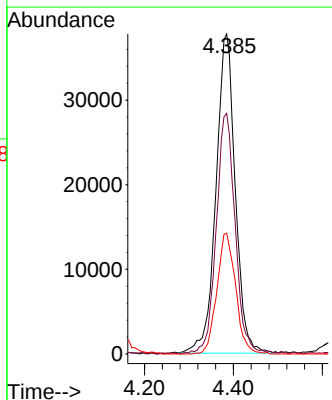
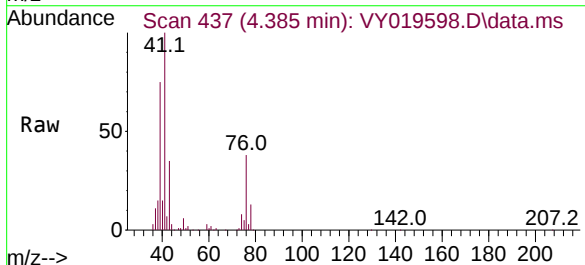
Instrument :
MSVOA_Y
ClientSampleId :

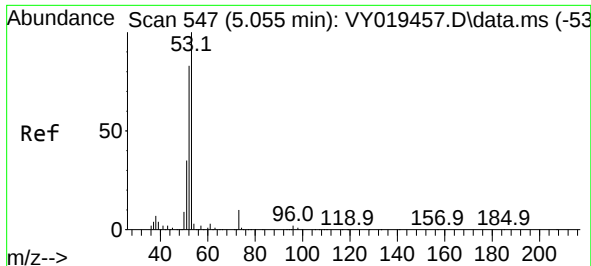
Tgt Ion: 56 Resp: 16846
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5



#14
Allyl chloride
Concen: 18.267 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 41 Resp: 113369
Ion Ratio Lower Upper
41 100
39 74.3 58.3 87.5
76 36.9 39.0 58.6#

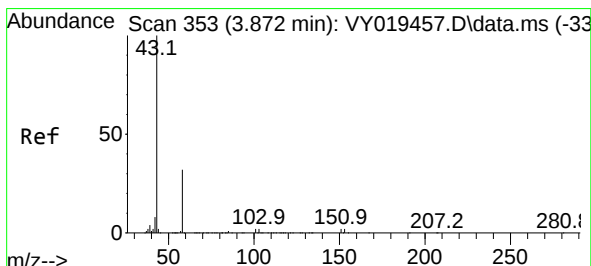
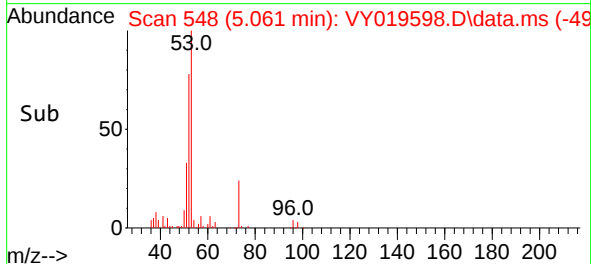
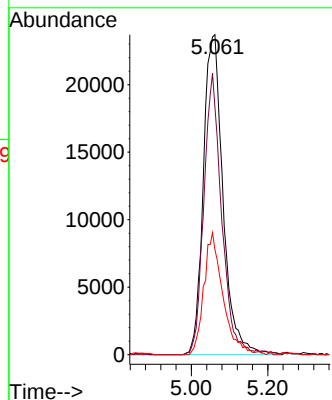
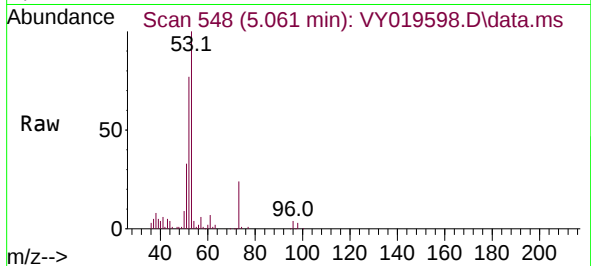




#15
Acrylonitrile
Concen: 100.660 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

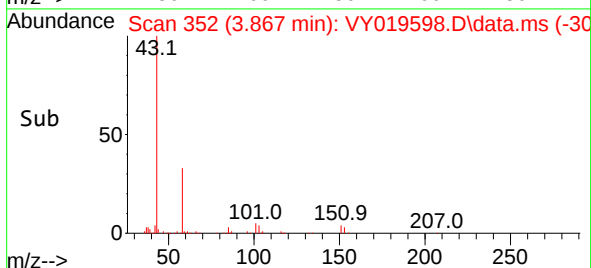
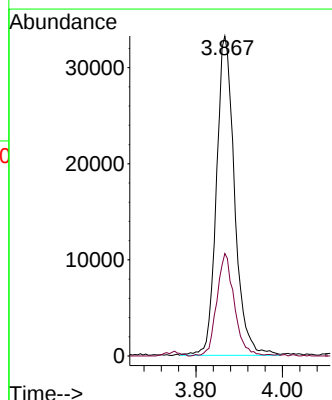
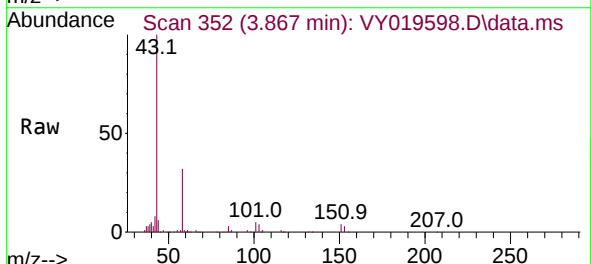
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 53 Resp: 84749
Ion Ratio Lower Upper
53 100
52 79.1 64.7 97.1
51 36.6 28.4 42.6



#16
Acetone
Concen: 112.215 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 43 Resp: 96558
Ion Ratio Lower Upper
43 100
58 31.9 31.7 47.5

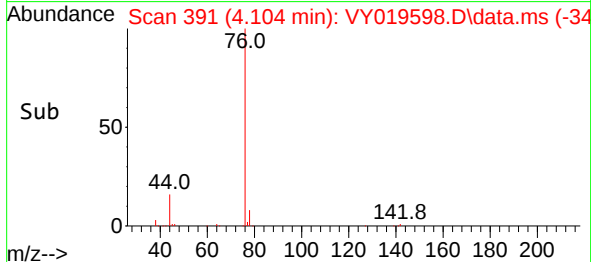
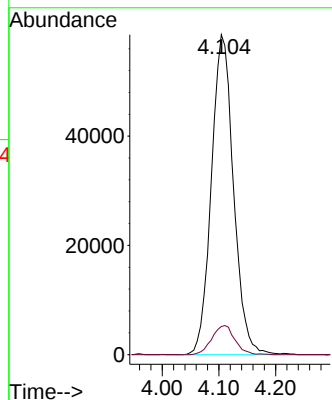
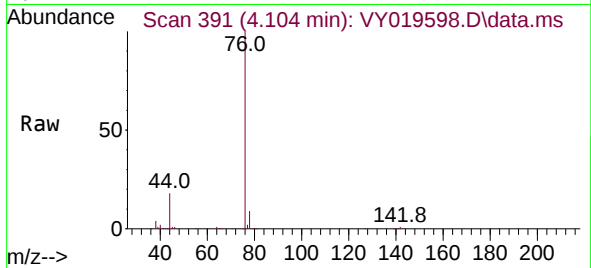




#17
Carbon Disulfide
Concen: 16.972 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

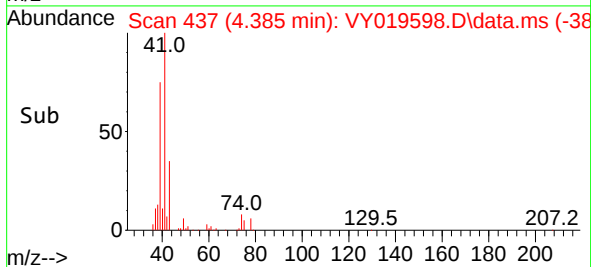
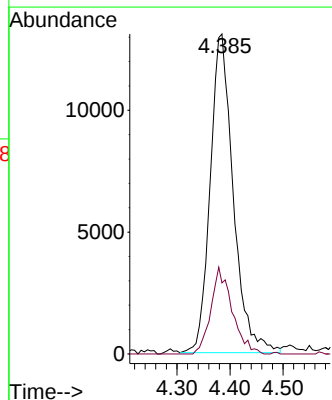
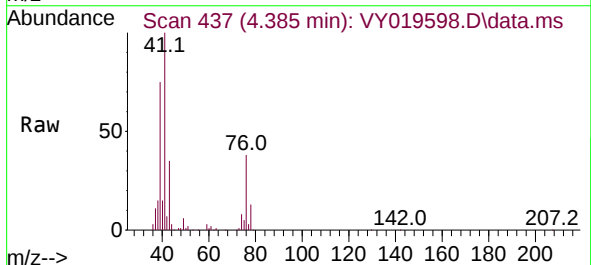
Instrument :
MSVOA_Y
ClientSampleId :

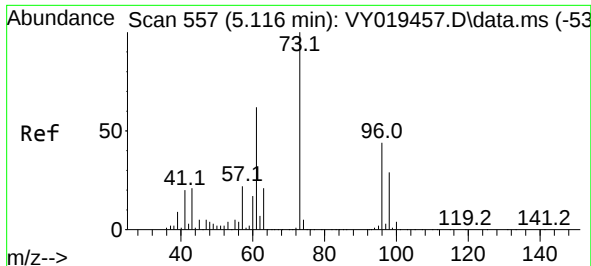
Tgt Ion: 76 Resp: 158693
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 16.938 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 43 Resp: 39553
Ion Ratio Lower Upper
43 100
74 25.0 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 19.606 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

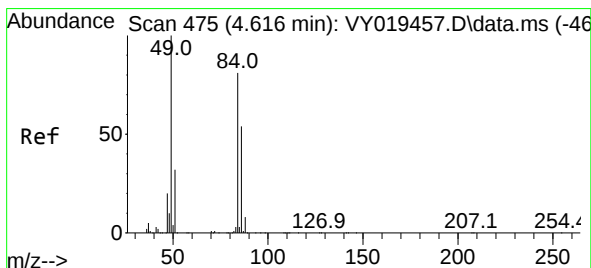
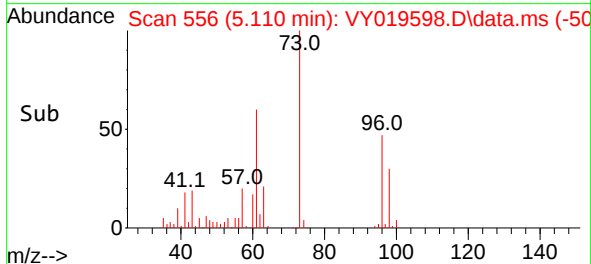
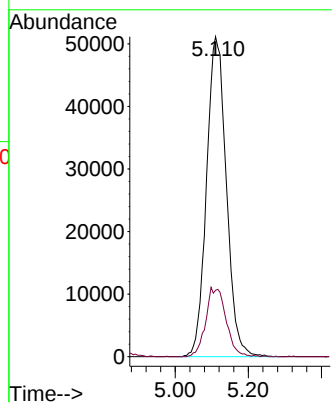
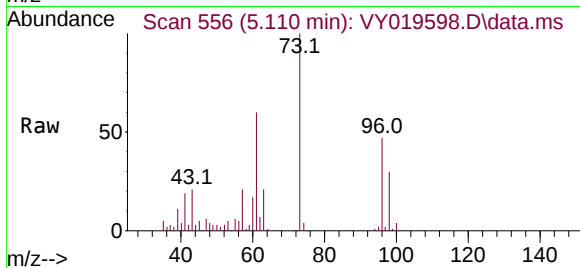
ClientSampleId :

Tgt Ion: 73 Resp: 192164

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 21.180 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Tgt Ion: 84 Resp: 83115

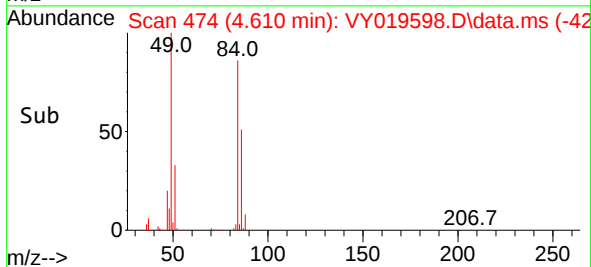
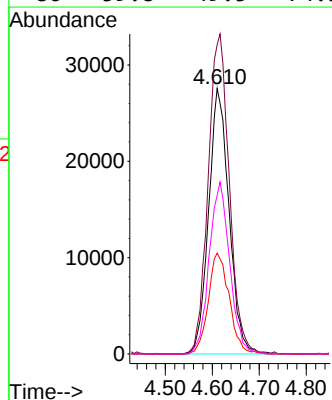
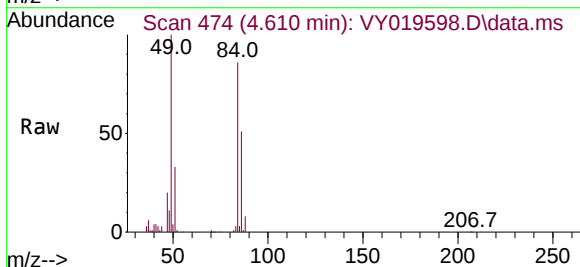
Ion Ratio Lower Upper

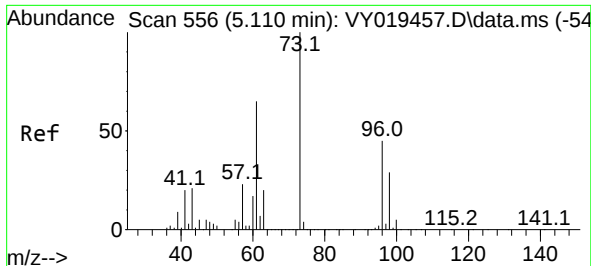
84 100

49 116.6 84.4 126.6

51 38.0 26.0 39.0

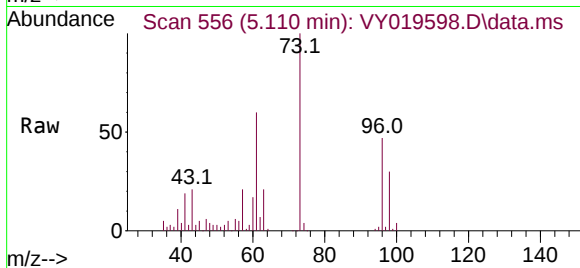
86 59.8 49.5 74.3



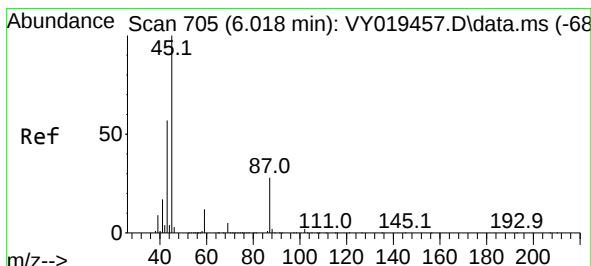
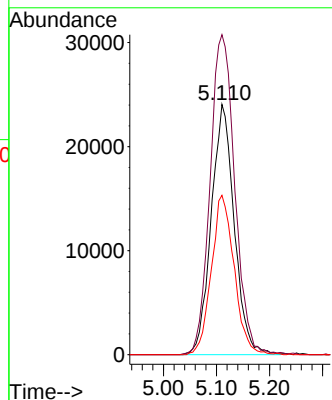
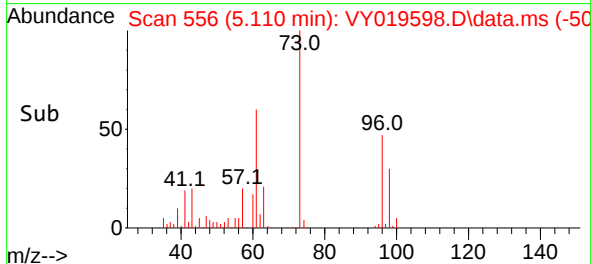


#21
trans-1,2-Dichloroethene
Concen: 19.129 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Instrument :
MSVOA_Y
ClientSampleId :

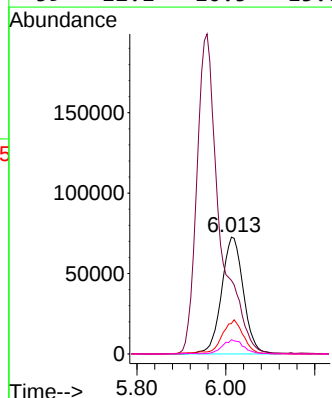
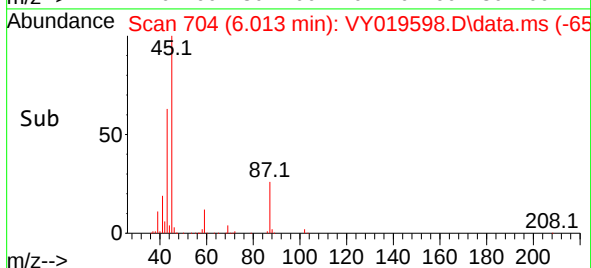
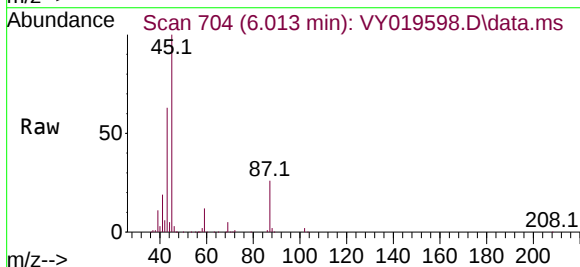


Tgt Ion: 96 Resp: 72562
Ion Ratio Lower Upper
96 100
61 127.9 97.5 146.3
98 63.7 50.5 75.7



#22
Diisopropyl ether
Concen: 19.430 ug/l
RT: 6.013 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 45 Resp: 247618
Ion Ratio Lower Upper
45 100
43 62.2 42.2 63.2
87 25.7 25.0 37.6
59 12.1 10.5 15.7

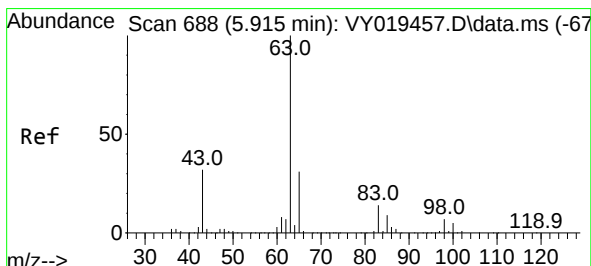
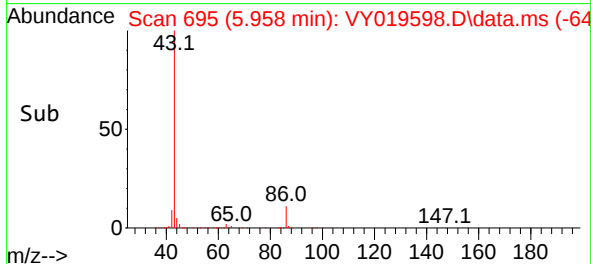
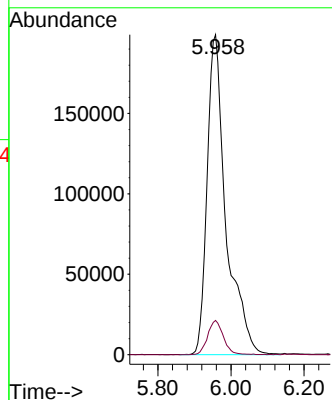
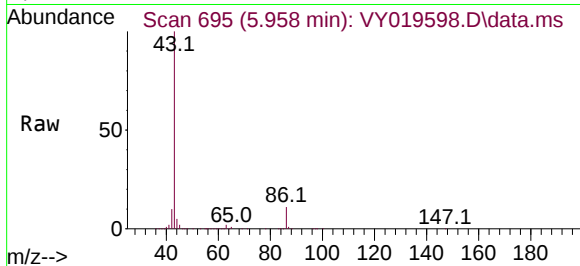




#23
 Vinyl Acetate
 Concen: 97.859 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019598.D
 Acq: 18 Sep 2024 12:12

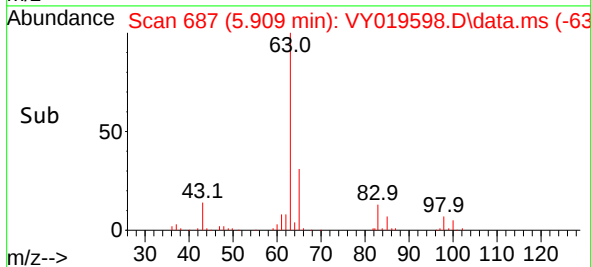
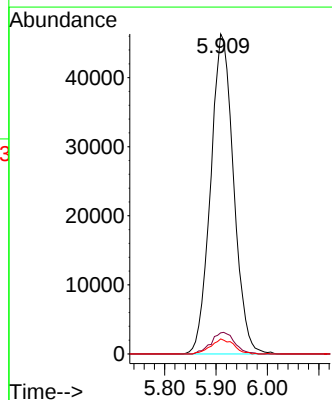
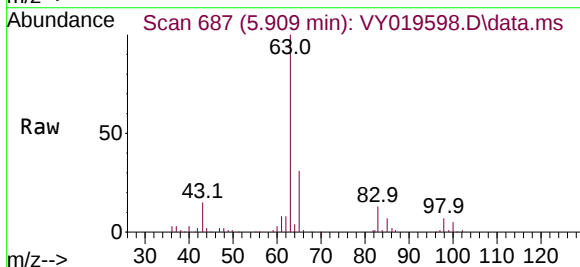
Instrument :
 MSVOA_Y
 ClientSampleId :

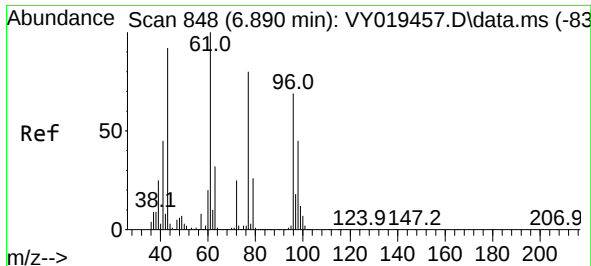
Tgt Ion: 43 Resp: 712347
 Ion Ratio Lower Upper
 43 100
 86 10.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.110 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019598.D
 Acq: 18 Sep 2024 12:12

Tgt Ion: 63 Resp: 143810
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 106.633 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

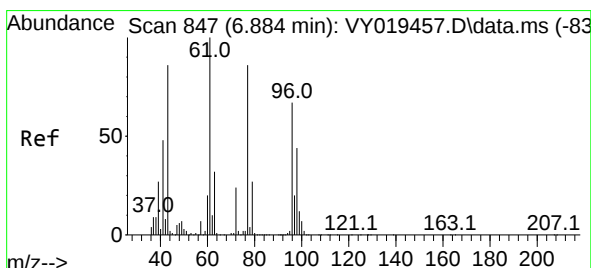
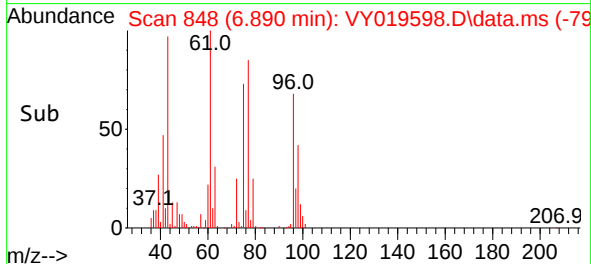
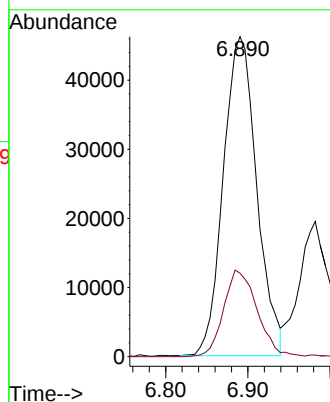
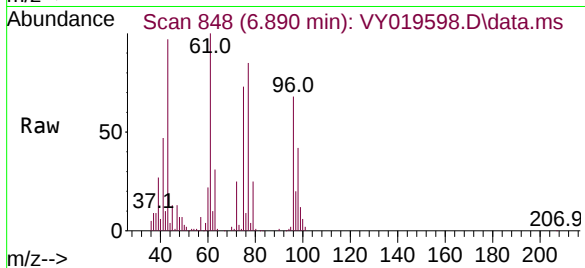
ClientSampleId :

Tgt Ion: 43 Resp: 130499

Ion Ratio Lower Upper

43 100

72 26.2 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.517 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019598.D

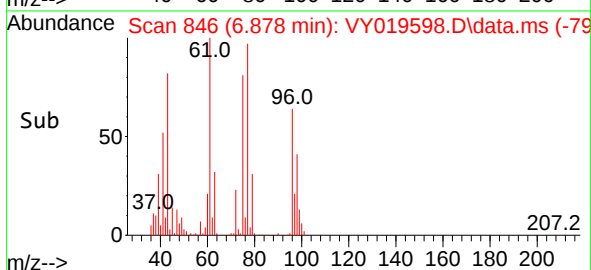
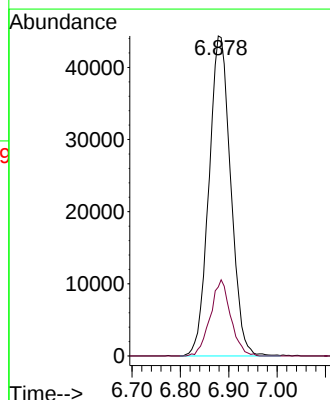
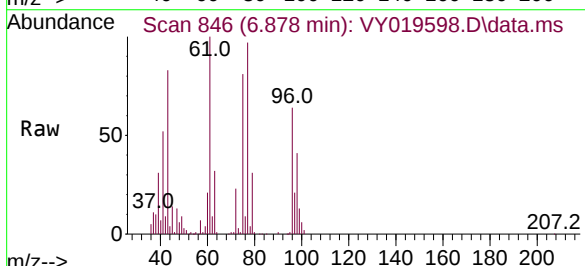
Acq: 18 Sep 2024 12:12

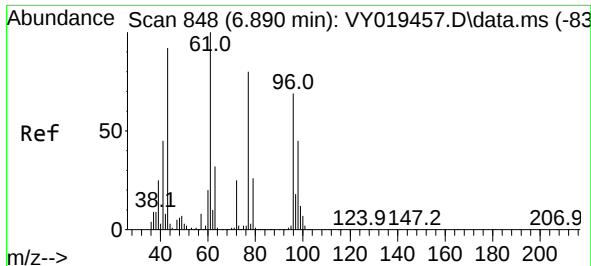
Tgt Ion: 77 Resp: 138802

Ion Ratio Lower Upper

77 100

97 22.3 12.0 36.1

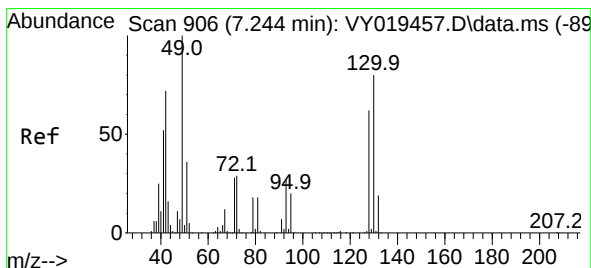
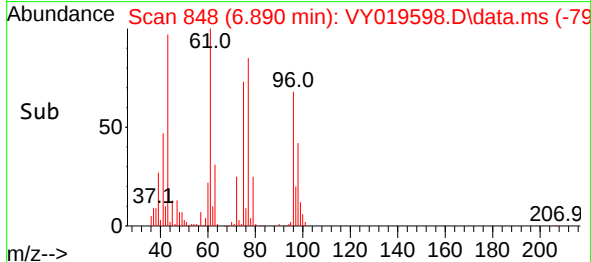
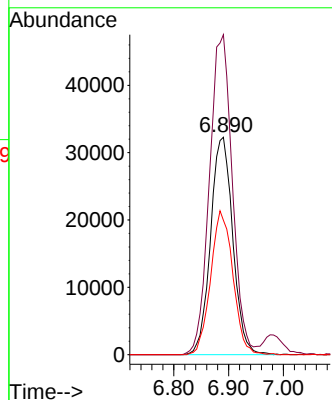
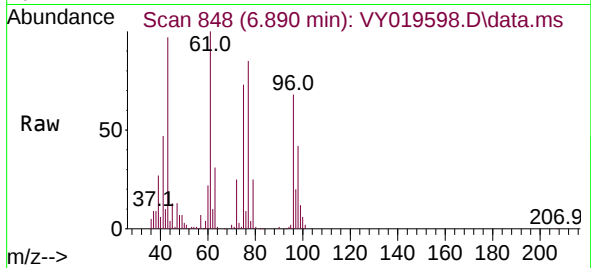




#27
 cis-1,2-Dichloroethene
 Concen: 19.755 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019598.D
 Acq: 18 Sep 2024 12:12

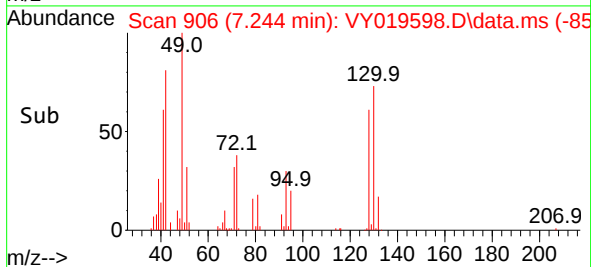
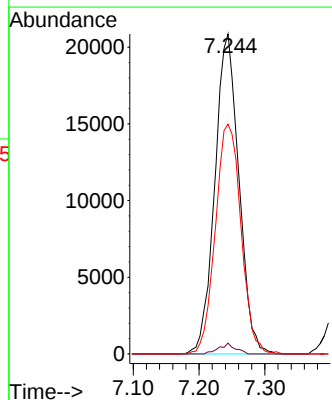
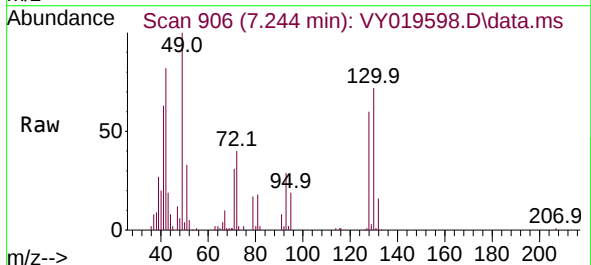
Instrument :
 MSVOA_Y
 ClientSampleId :

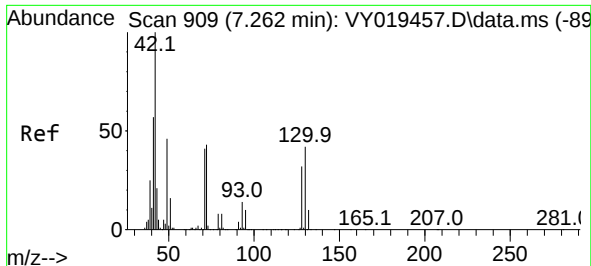
Tgt Ion: 96 Resp: 91025
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 256.2
 98 66.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 17.668 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019598.D
 Acq: 18 Sep 2024 12:12

Tgt Ion: 49 Resp: 53162
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 76.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 95.322 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

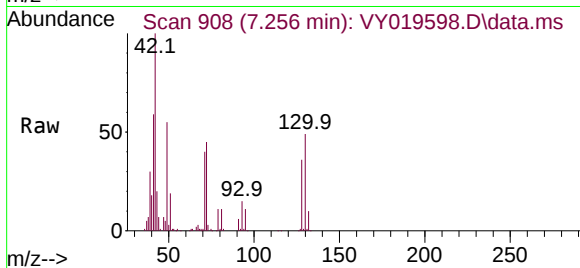
Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :



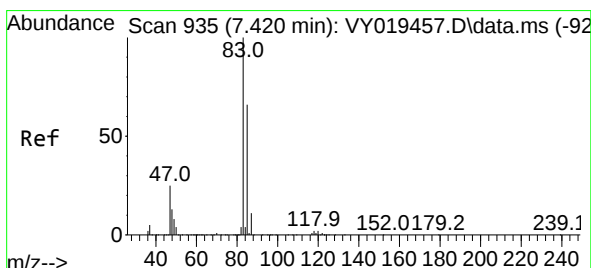
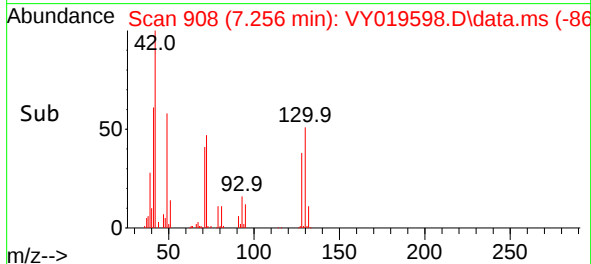
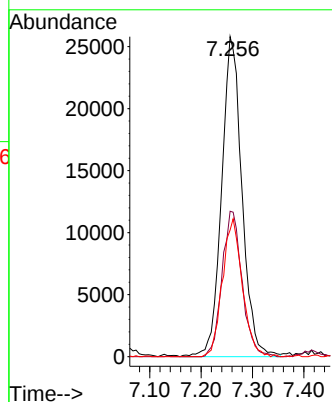
Tgt Ion: 42 Resp: 70929

Ion Ratio Lower Upper

42 100

72 44.7 43.0 64.4

71 42.1 40.8 61.2



#30

Chloroform

Concen: 20.668 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019598.D

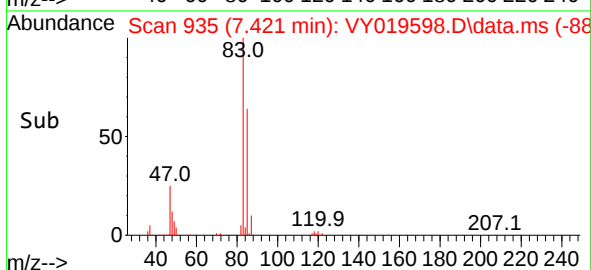
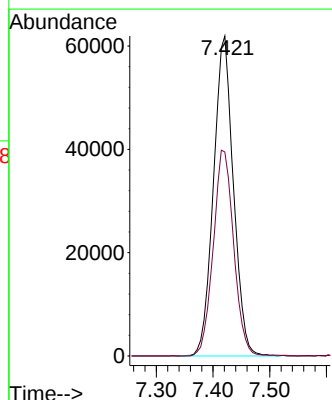
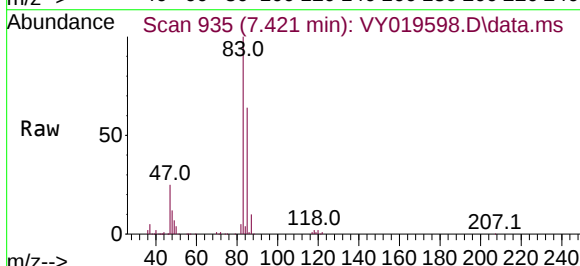
Acq: 18 Sep 2024 12:12

Tgt Ion: 83 Resp: 150887

Ion Ratio Lower Upper

83 100

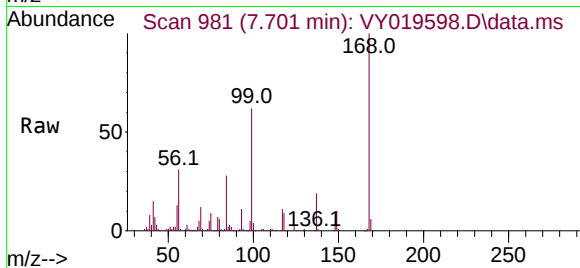
85 63.7 52.2 78.4



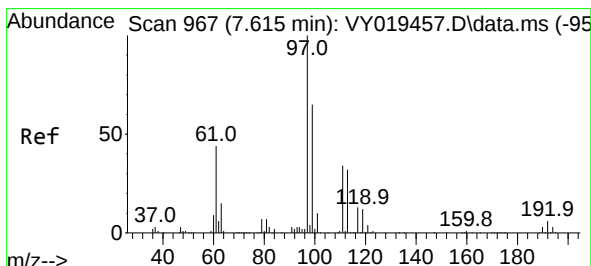
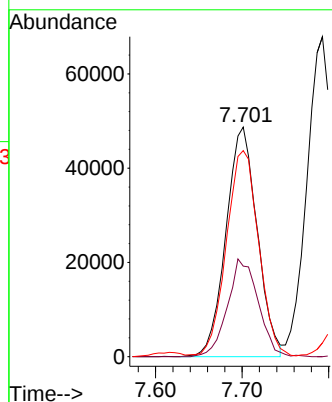
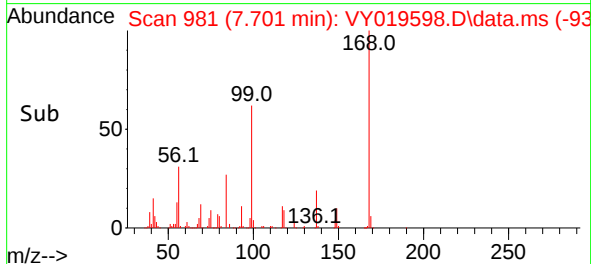


#31
Cyclohexane
Concen: 18.837 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Instrument :
MSVOA_Y
ClientSampleId :

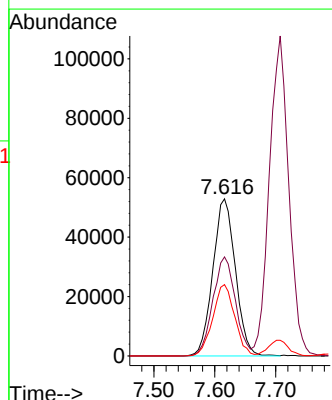
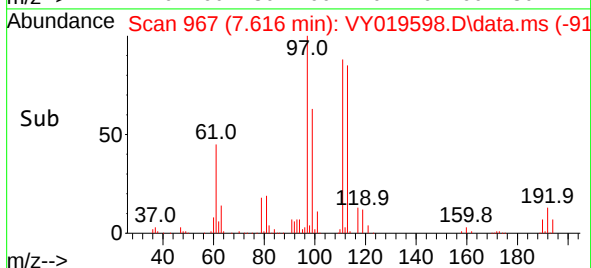
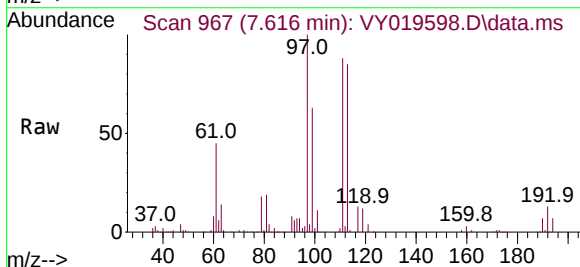


Tgt Ion: 56 Resp: 121764
Ion Ratio Lower Upper
56 100
69 39.5 28.7 43.1
84 88.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.754 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 97 Resp: 135807
Ion Ratio Lower Upper
97 100
99 63.0 50.3 75.5
61 44.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 51.200 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

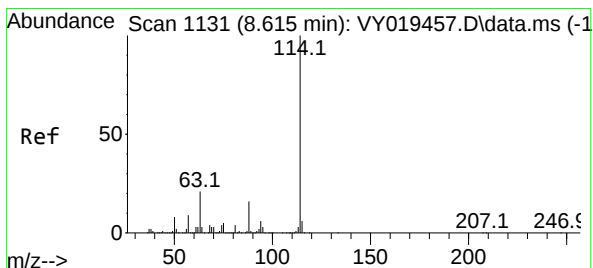
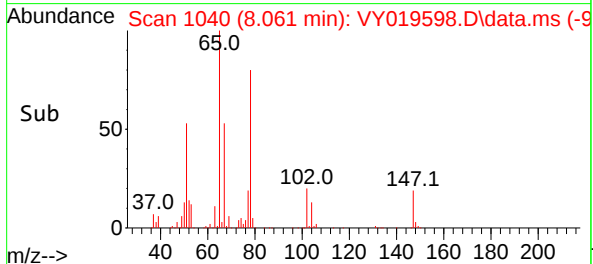
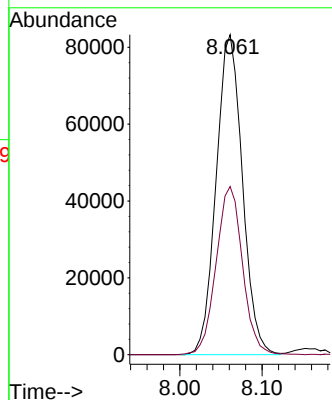
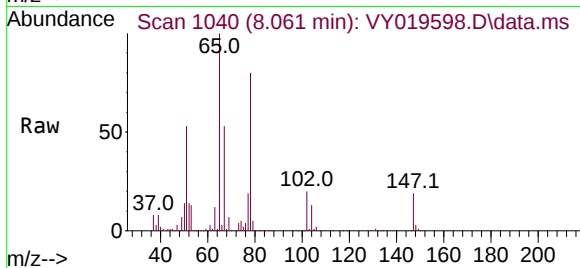
ClientSampleId :

Tgt Ion: 65 Resp: 184926

Ion Ratio Lower Upper

65 100

67 52.9 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: VY019598.D

Acq: 18 Sep 2024 12:12

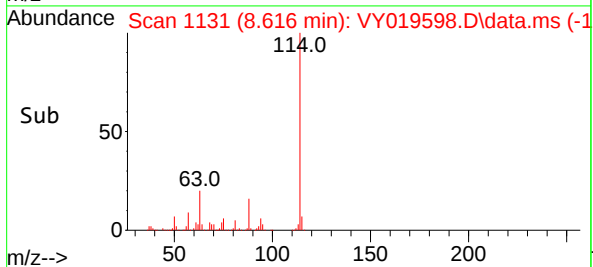
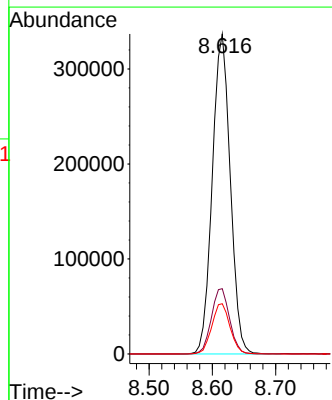
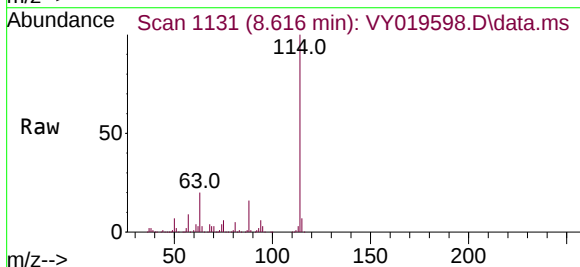
Tgt Ion: 114 Resp: 663472

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

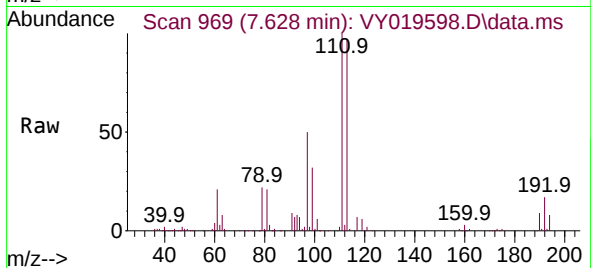
88 15.7 0.0 27.2



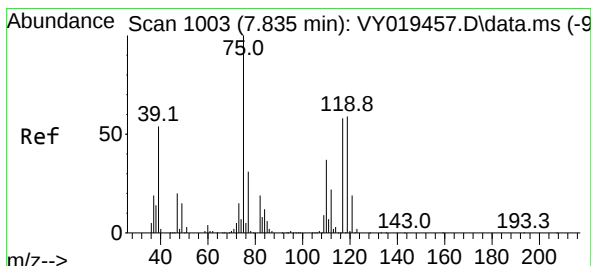
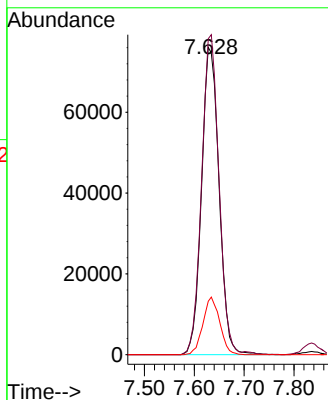
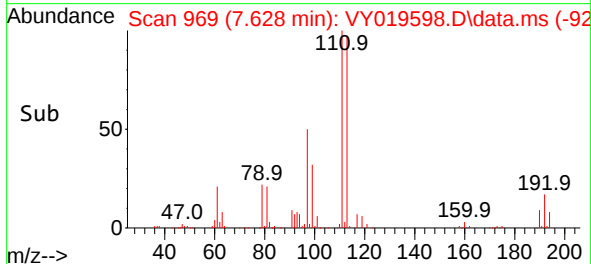


#35
Dibromofluoromethane
Concen: 49.380 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

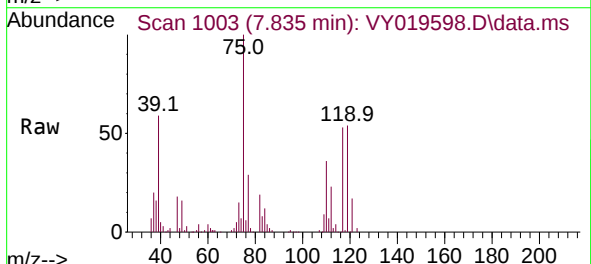
Instrument :
MSVOA_Y
ClientSampleId :



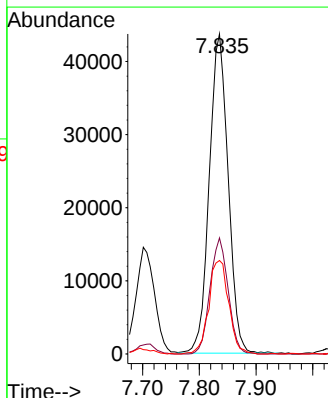
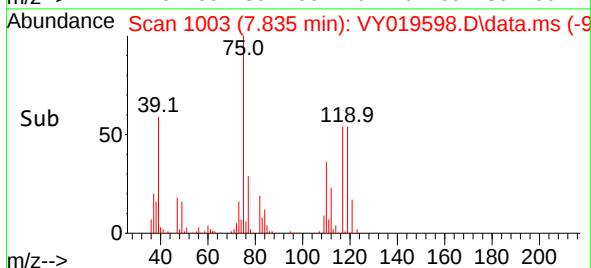
Tgt Ion:113 Resp: 185756
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.706 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12



Tgt Ion: 75 Resp: 100868
Ion Ratio Lower Upper
75 100
110 34.9 19.0 57.0
77 31.0 25.3 37.9





#37

Ethyl Acetate

Concen: 18.956 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

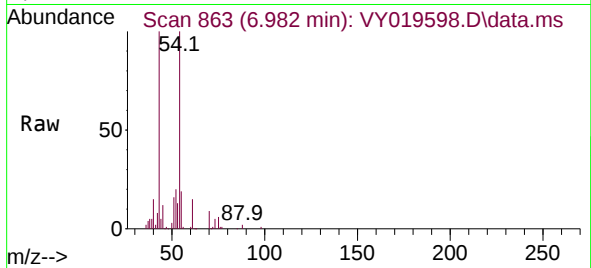
Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

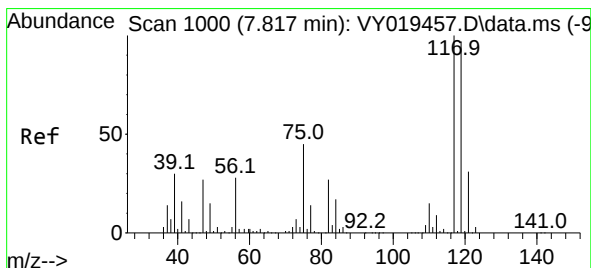
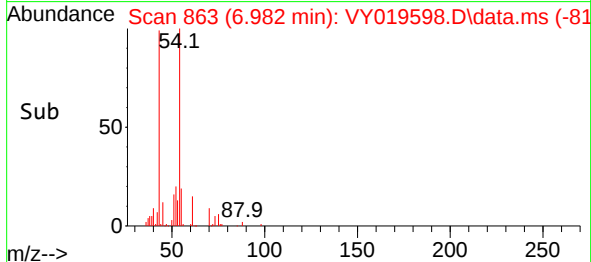
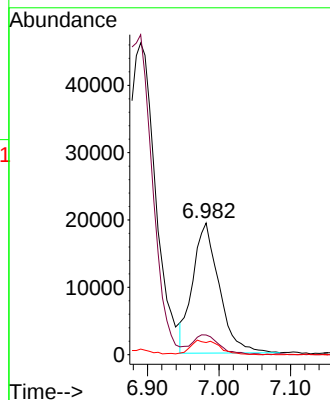
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	49716
Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.6	19.0
70	12.1	7.8	11.8



#38

Carbon Tetrachloride

Concen: 20.240 ug/l

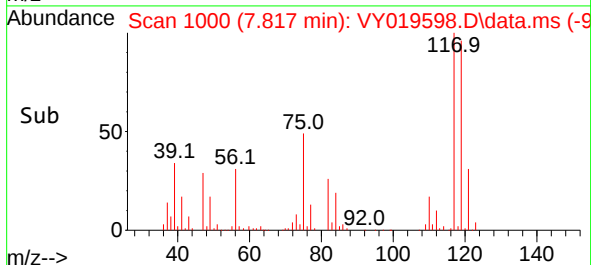
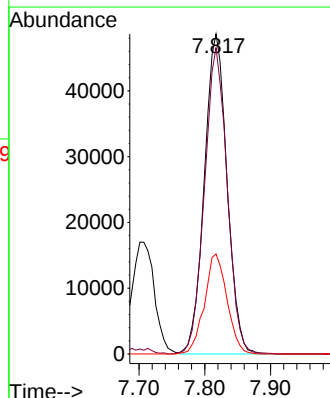
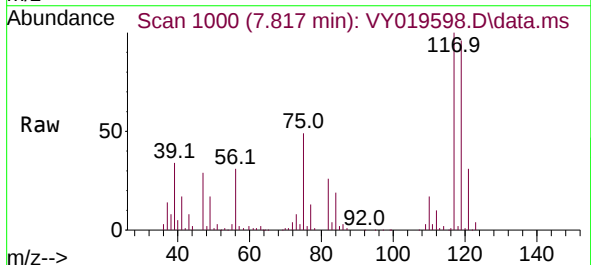
RT: 7.817 min Scan# 1000

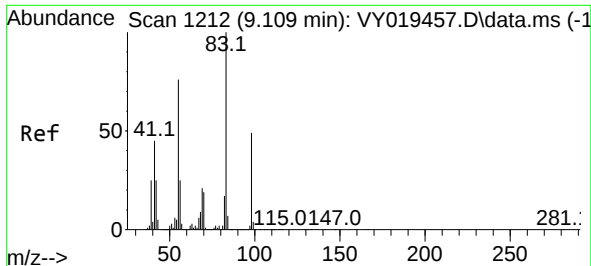
Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Tgt Ion:	117	Resp:	116829
Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.6
121	31.3	24.0	36.0





#39

Methylcyclohexane

Concen: 18.661 ug/l

RT: 9.110 min Scan# 11

Delta R.T. 0.000 min

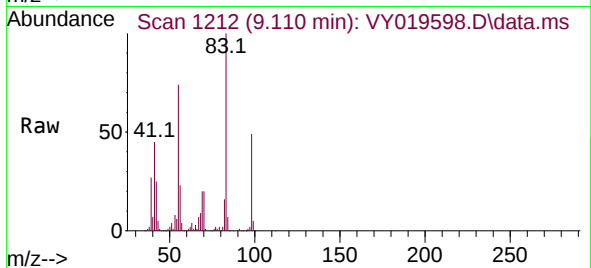
Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :



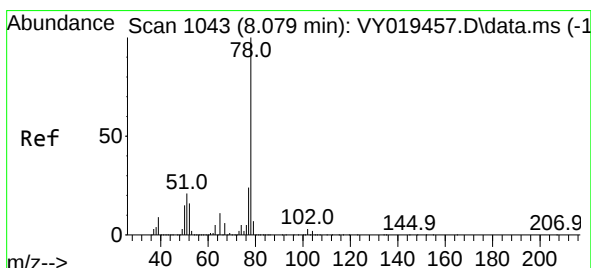
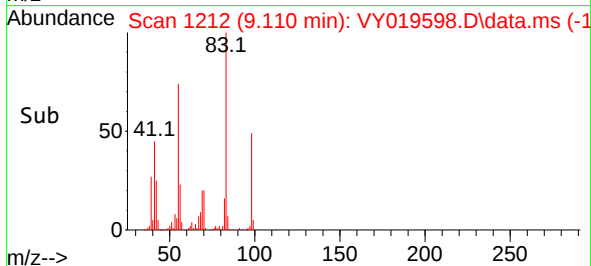
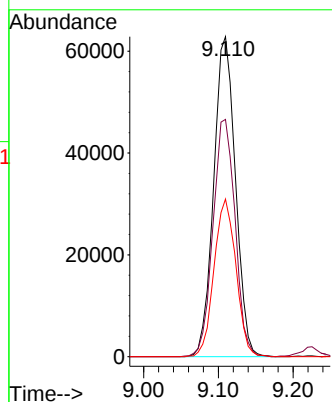
Tgt Ion: 83 Resp: 127114

Ion Ratio Lower Upper

83 100

55 74.2 51.5 77.3

98 49.3 40.5 60.7



#40

Benzene

Concen: 19.579 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019598.D

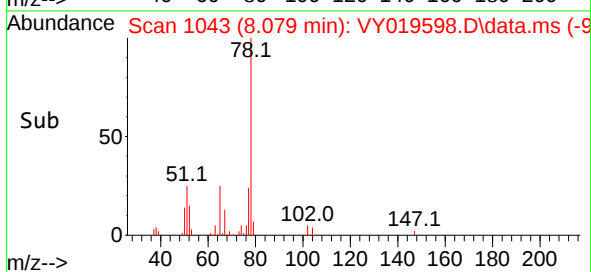
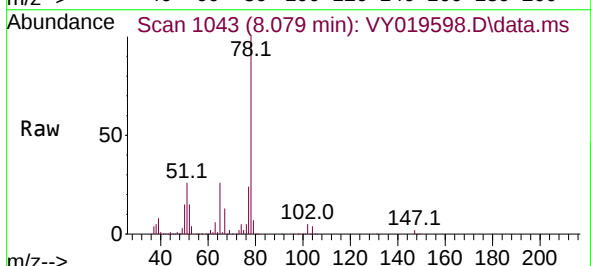
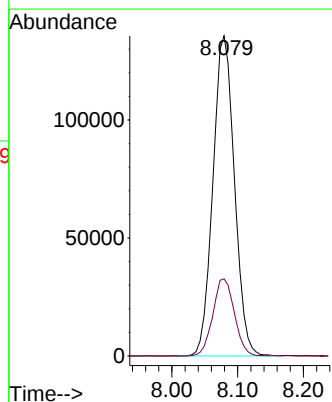
Acq: 18 Sep 2024 12:12

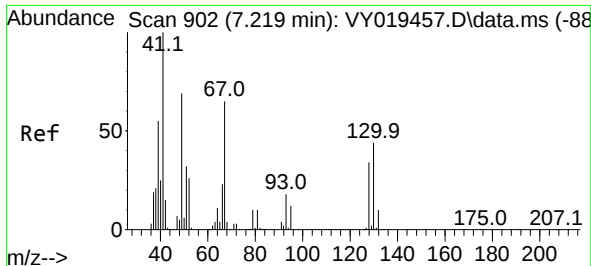
Tgt Ion: 78 Resp: 308679

Ion Ratio Lower Upper

78 100

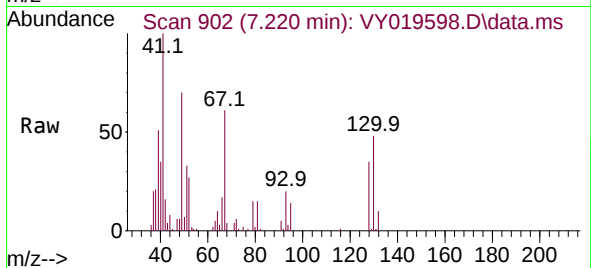
77 24.1 19.5 29.3



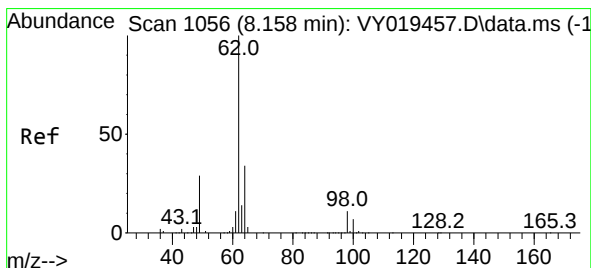
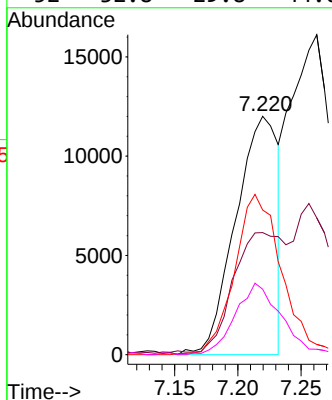
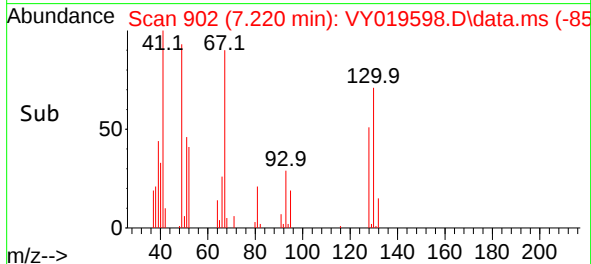


#41
Methacrylonitrile
Concen: 18.340 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

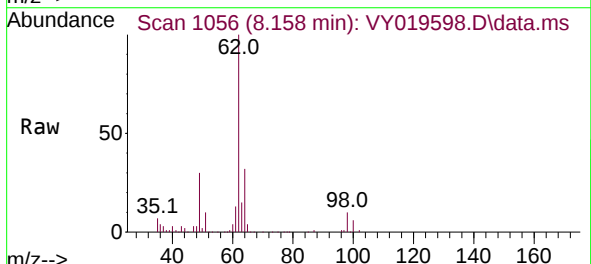
Instrument :
MSVOA_Y
ClientSampleId :



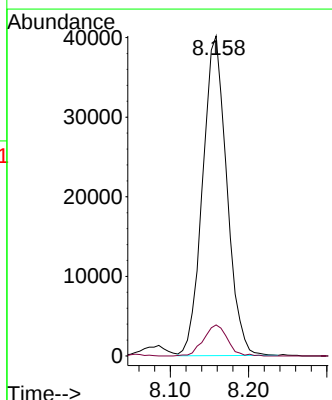
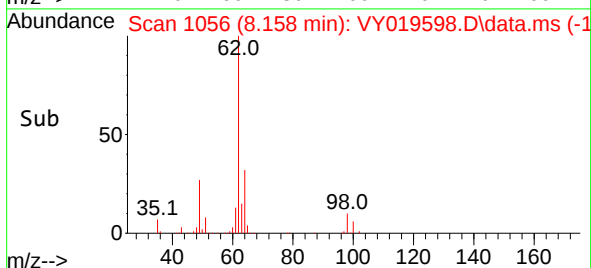
Tgt Ion:	41	Resp:	28038
Ion Ratio	Lower	Upper	
41	100		
39	59.8	48.0	72.0
67	75.6	75.1	112.7
52	32.8	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.260 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12



Tgt Ion:	62	Resp:	85950
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	22.0

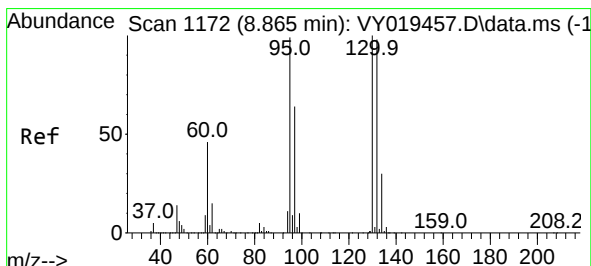
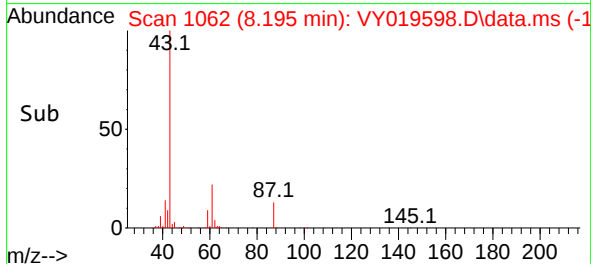
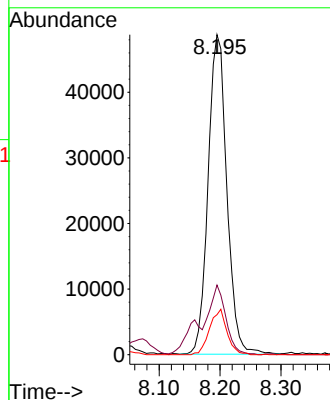
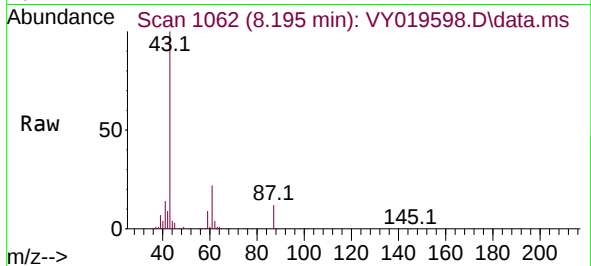




#43
Isopropyl Acetate
Concen: 18.904 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

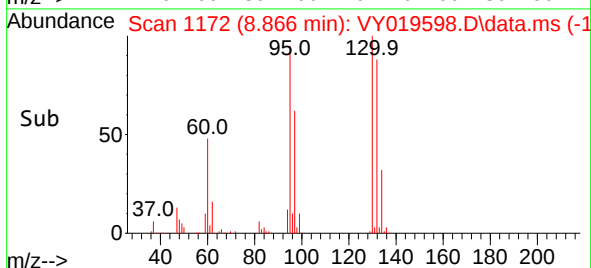
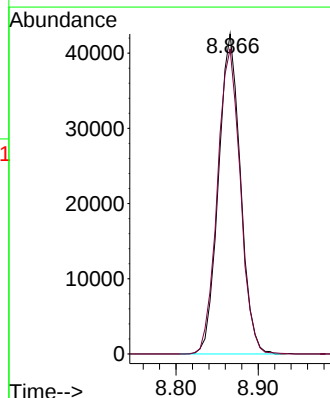
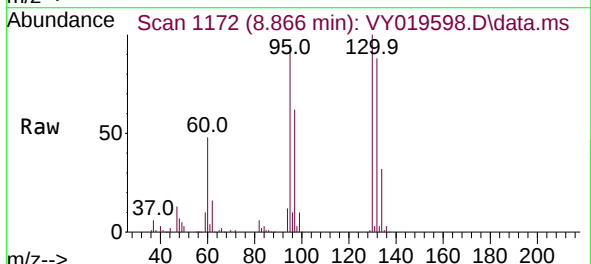
Instrument :
MSVOA_Y
ClientSampleId :

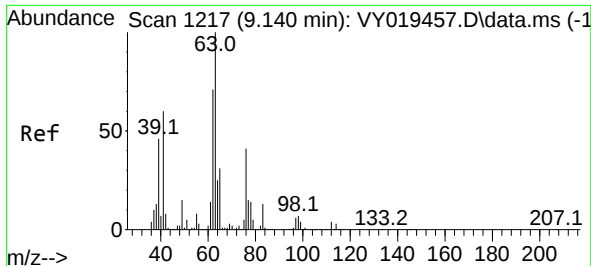
Tgt Ion: 43 Resp: 104164
Ion Ratio Lower Upper
43 100
61 19.6 27.9 41.9#
87 13.2 13.1 19.7



#44
Trichloroethene
Concen: 19.487 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion:130 Resp: 79015
Ion Ratio Lower Upper
130 100
95 95.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.472 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

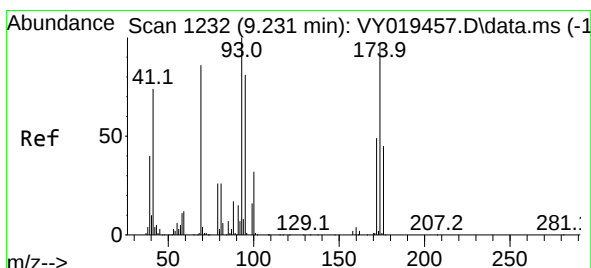
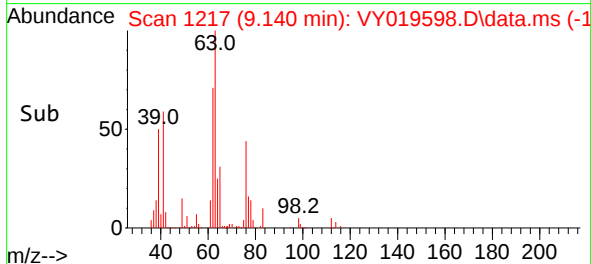
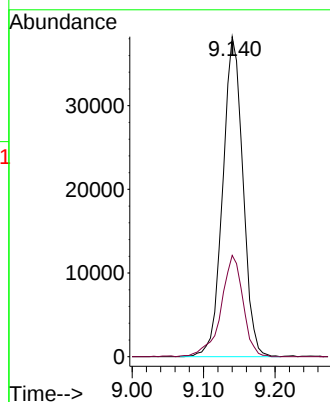
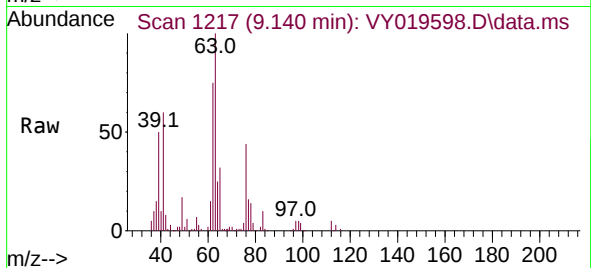
ClientSampleId :

Tgt Ion: 63 Resp: 75053

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 19.876 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

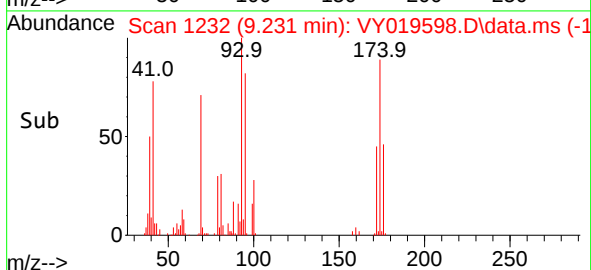
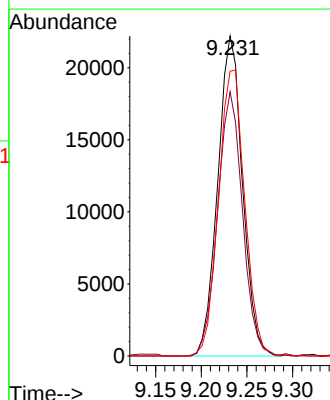
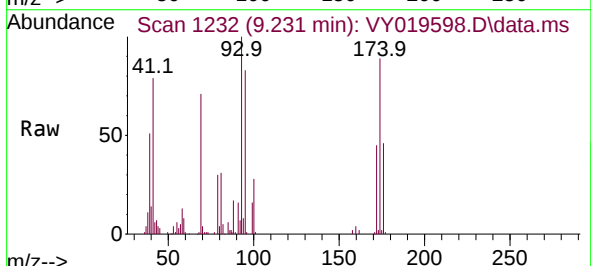
Tgt Ion: 93 Resp: 41894

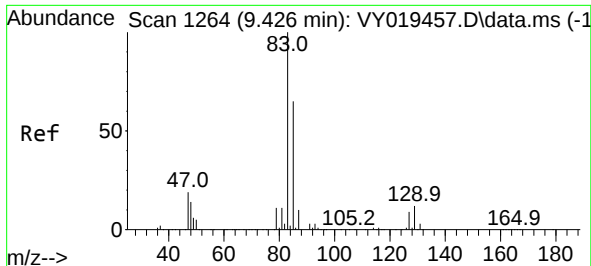
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 94.4 80.9 121.3





#47

Bromodichloromethane

Concen: 20.031 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

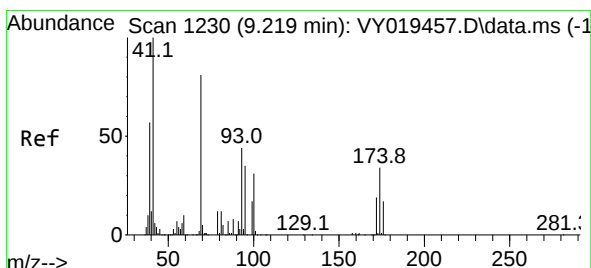
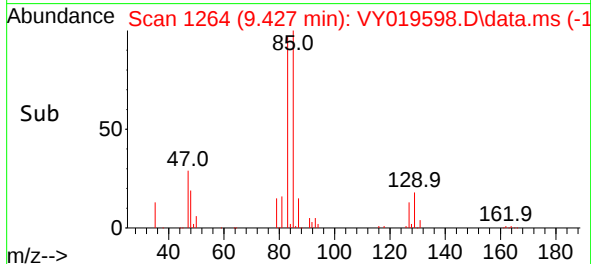
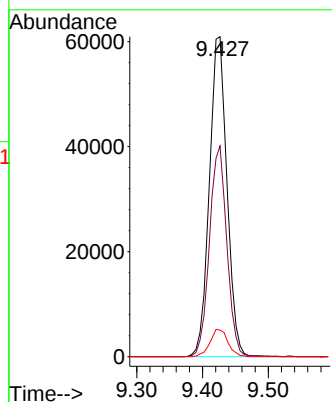
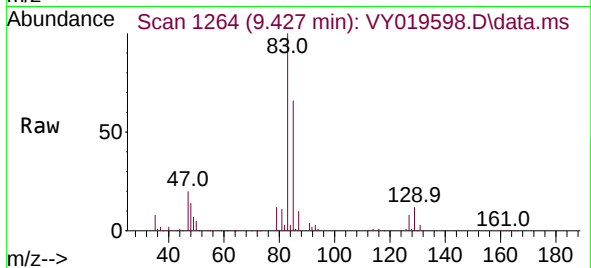
Tgt Ion: 83 Resp: 113489

Ion Ratio Lower Upper

83 100

85 65.9 50.1 75.1

127 8.3 7.4 11.0



#48

Methyl methacrylate

Concen: 18.220 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

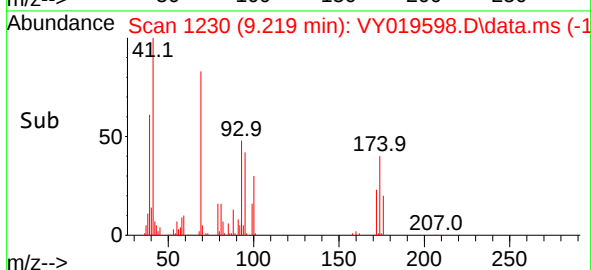
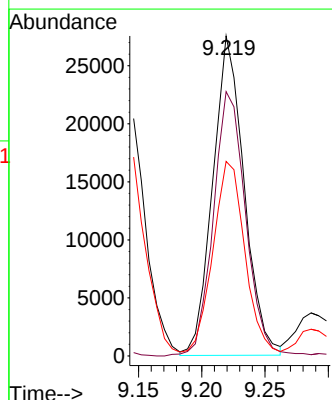
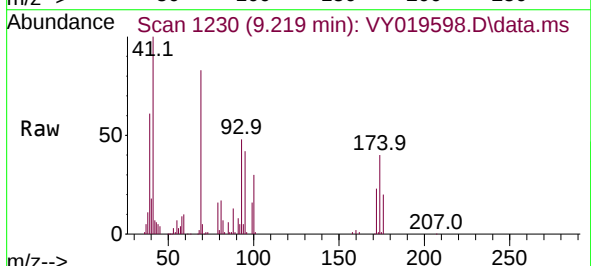
Tgt Ion: 41 Resp: 47410

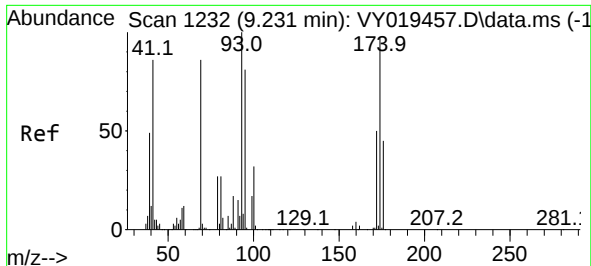
Ion Ratio Lower Upper

41 100

69 85.2 84.1 126.1

39 60.3 43.6 65.4





#49

1,4-Dioxane

Concen: 415.631 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

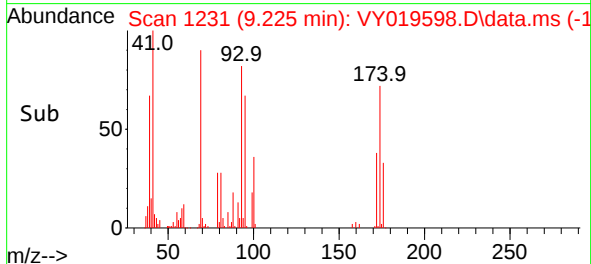
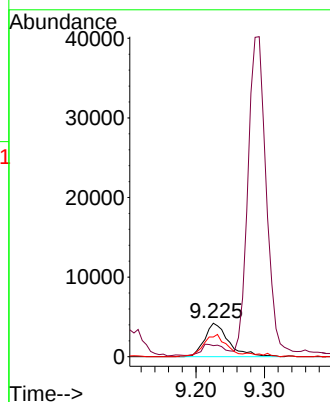
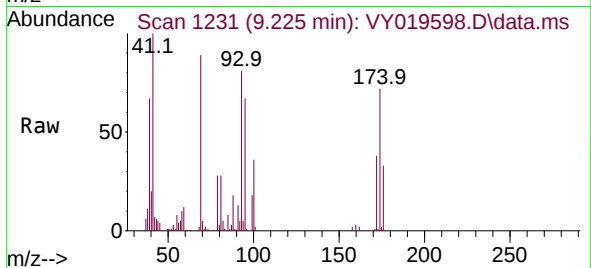
Tgt Ion: 88 Resp: 10313

Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 62.8 49.3 73.9



#50

Toluene-d8

Concen: 49.470 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019598.D

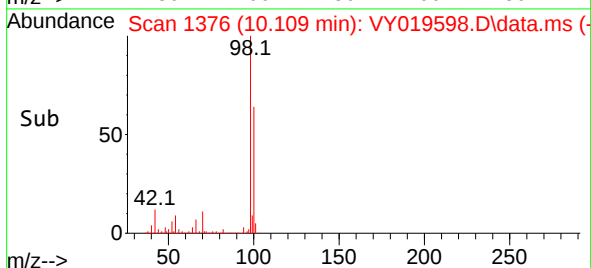
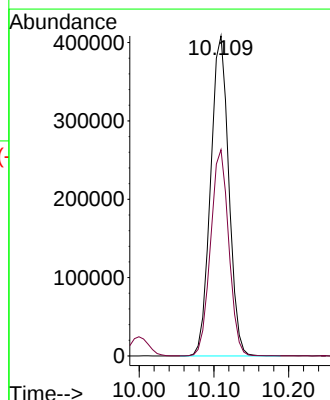
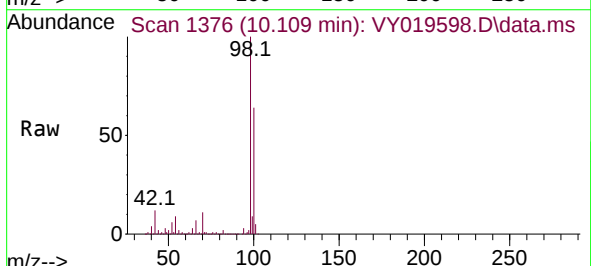
Acq: 18 Sep 2024 12:12

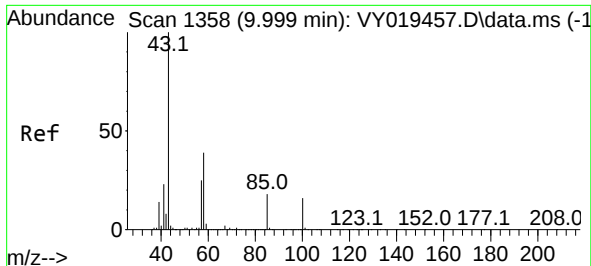
Tgt Ion: 98 Resp: 688324

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 95.216 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

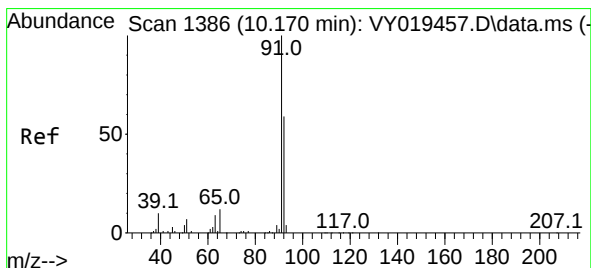
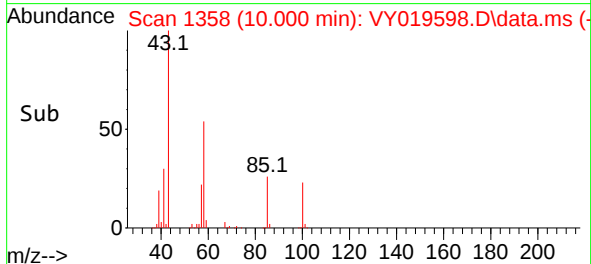
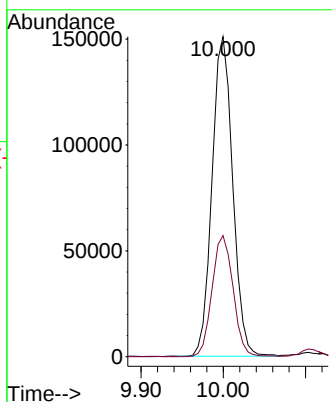
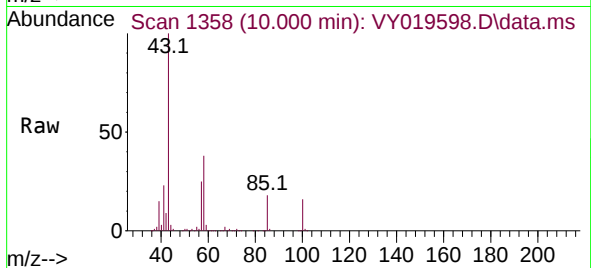
ClientSampleId :

Tgt Ion: 43 Resp: 263944

Ion Ratio Lower Upper

43 100

58 38.6 35.7 53.5



#52

Toluene

Concen: 19.749 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019598.D

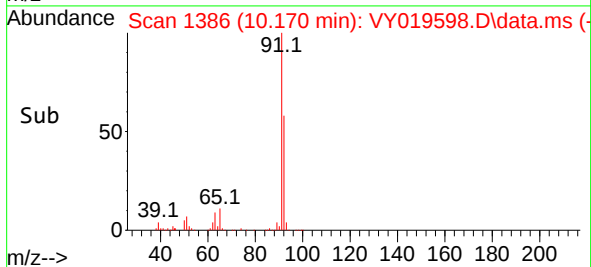
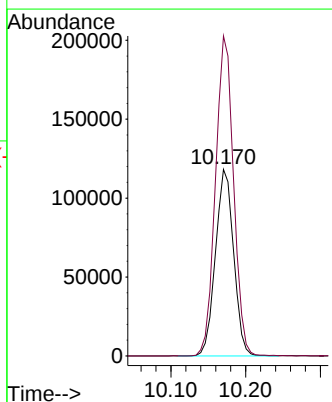
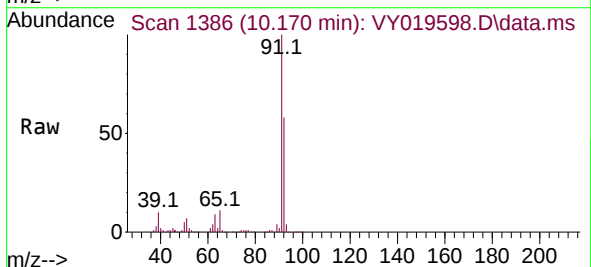
Acq: 18 Sep 2024 12:12

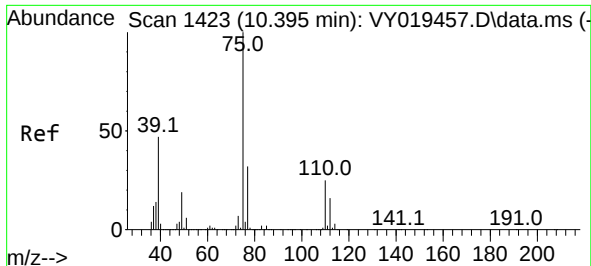
Tgt Ion: 92 Resp: 200244

Ion Ratio Lower Upper

92 100

91 170.9 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 18.803 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

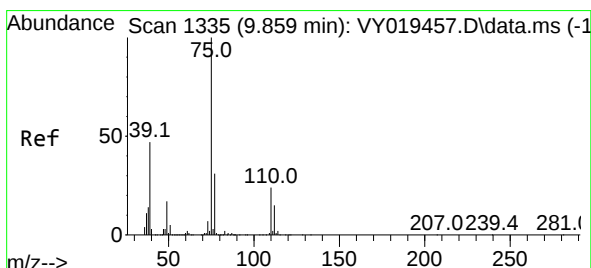
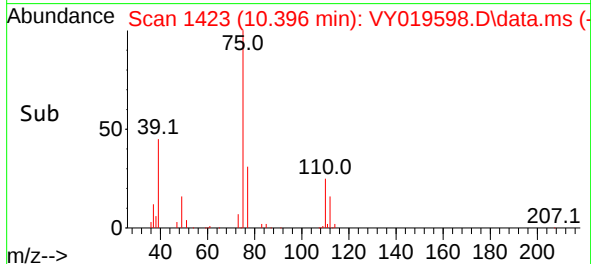
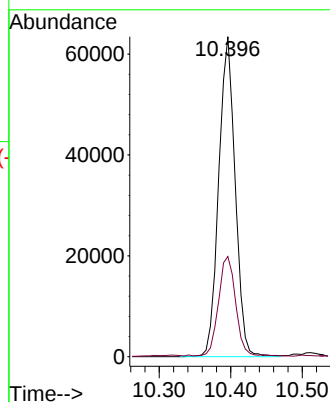
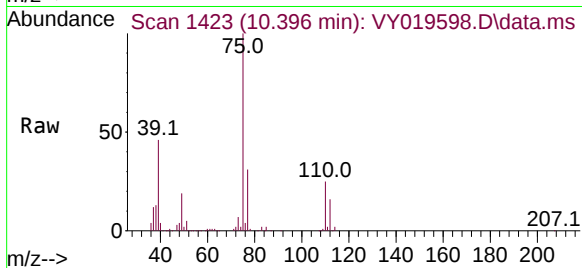
ClientSampleId :

Tgt Ion: 75 Resp: 101557

Ion Ratio Lower Upper

75 100

77 31.0 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 18.925 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

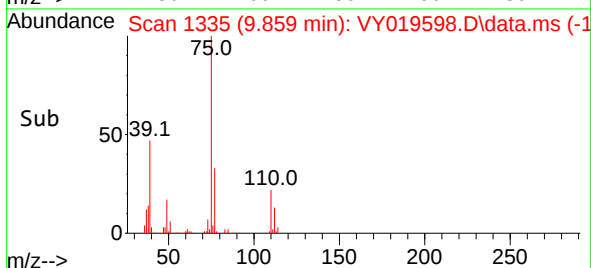
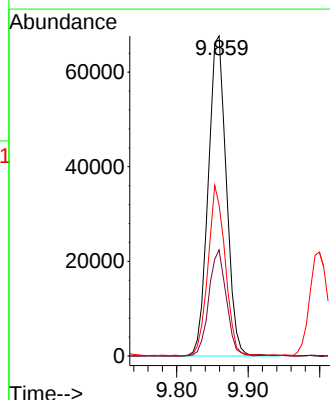
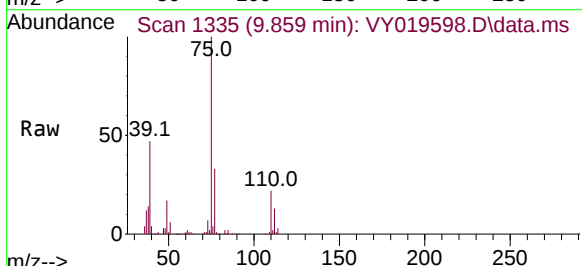
Tgt Ion: 75 Resp: 119017

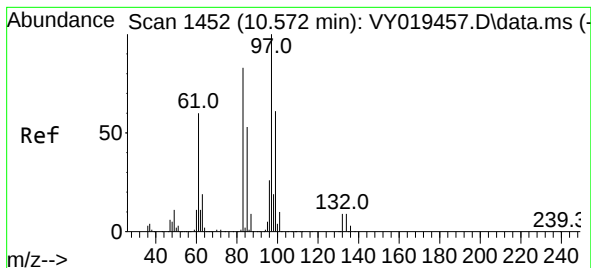
Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.0

39 47.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.913 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 57960

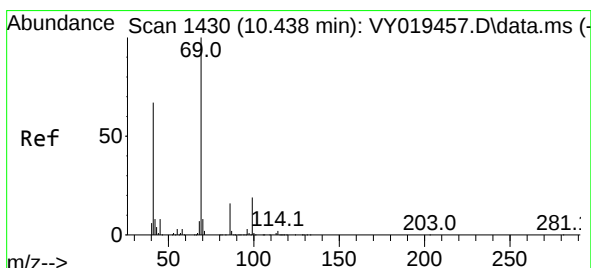
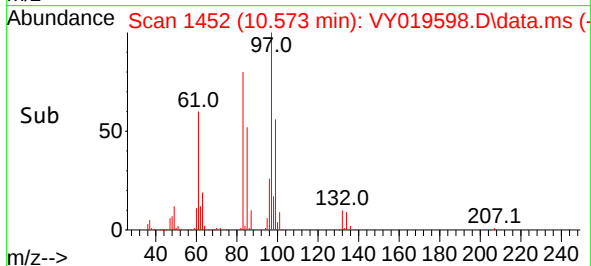
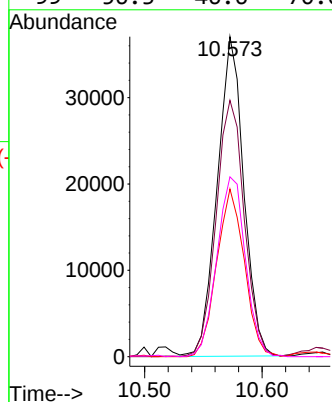
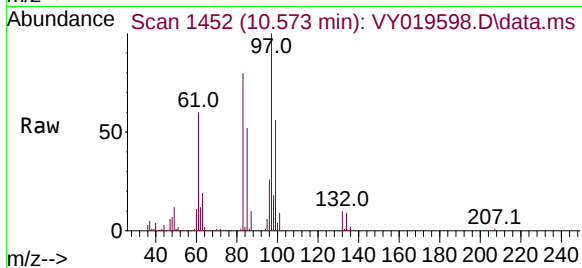
Ion Ratio Lower Upper

97 100

83 80.1 67.5 101.3

85 52.5 42.9 64.3

99 56.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 18.339 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

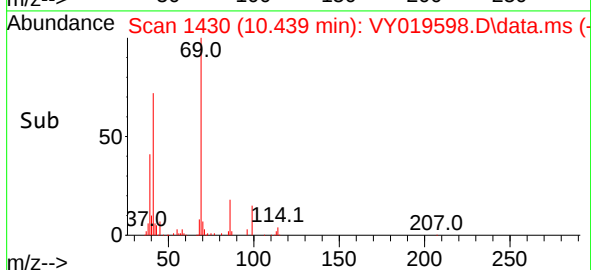
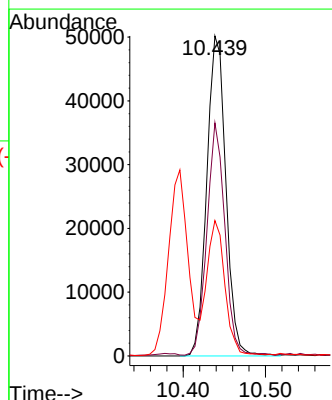
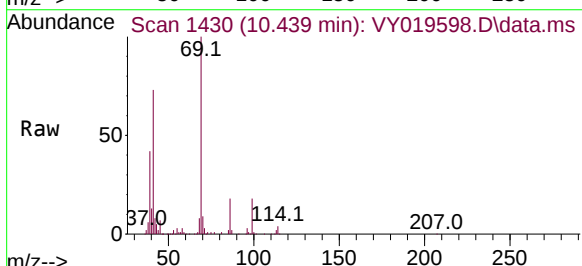
Tgt Ion: 69 Resp: 81088

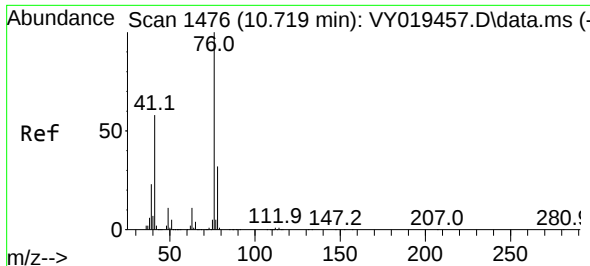
Ion Ratio Lower Upper

69 100

41 68.3 42.3 63.5#

39 38.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.940 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

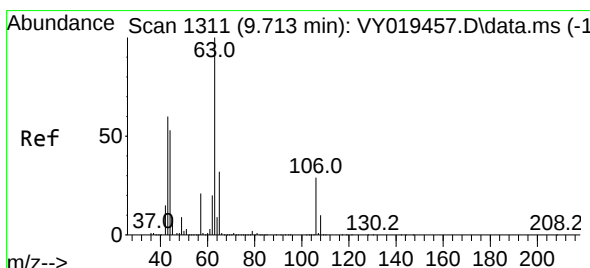
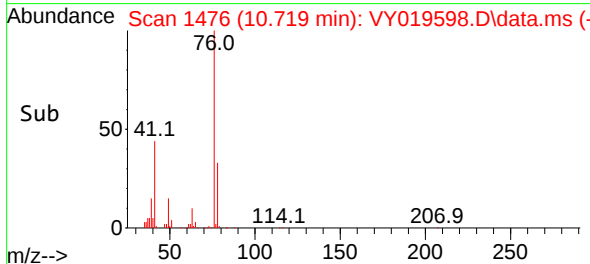
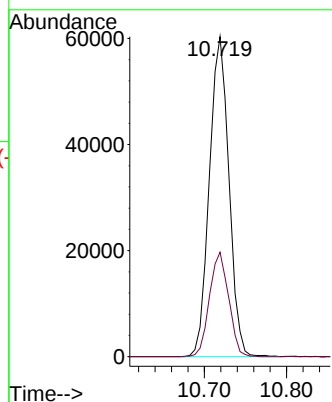
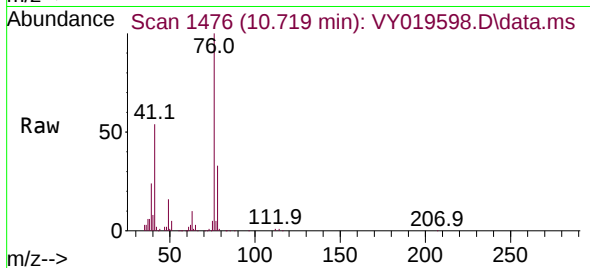
ClientSampleId :

Tgt Ion: 76 Resp: 99765

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 89.487 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019598.D

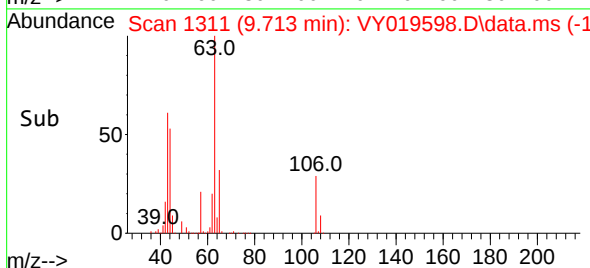
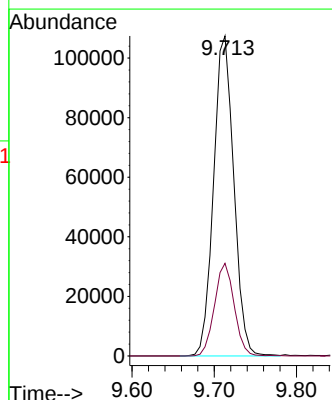
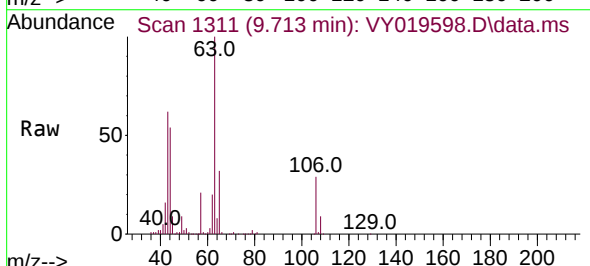
Acq: 18 Sep 2024 12:12

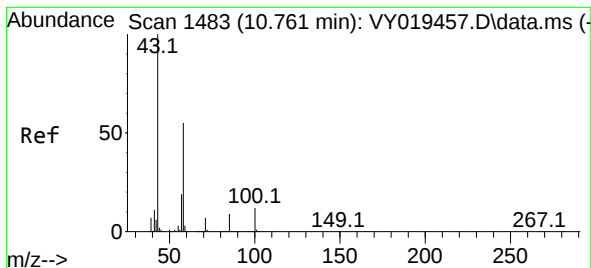
Tgt Ion: 63 Resp: 183644

Ion Ratio Lower Upper

63 100

106 28.2 23.7 35.5

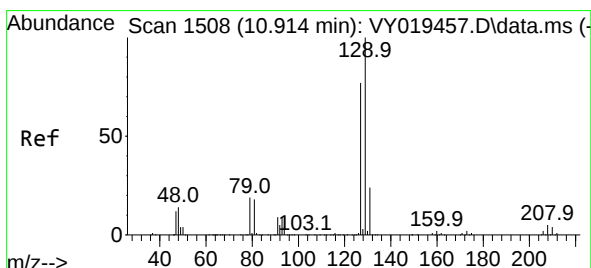
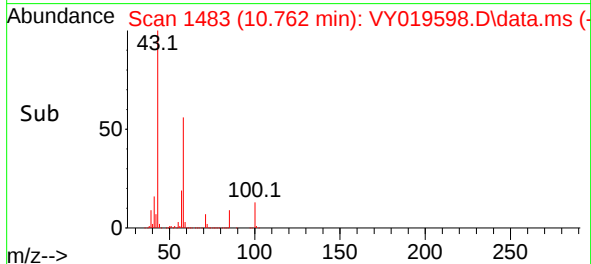
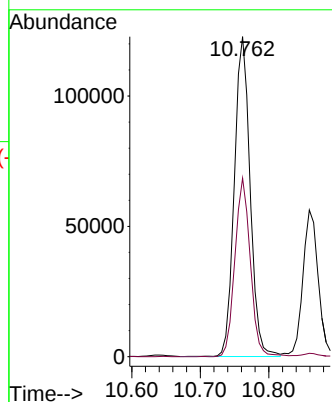
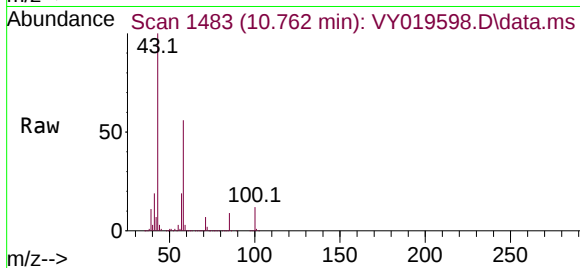




#59
2-Hexanone
Concen: 96.628 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

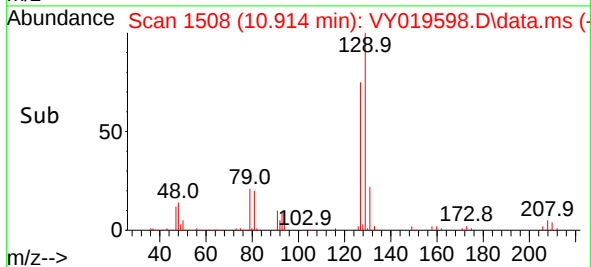
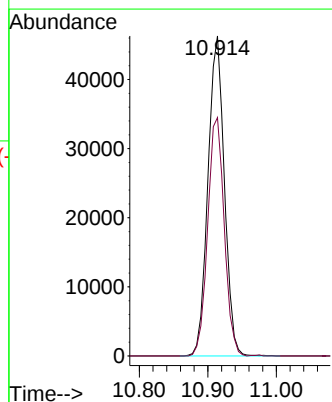
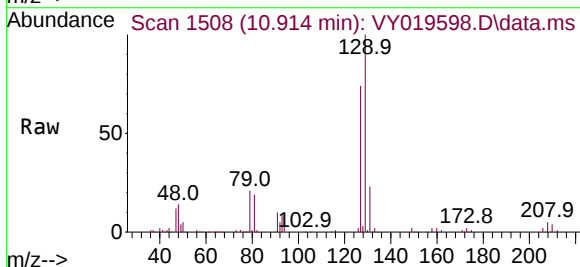
Instrument :
MSVOA_Y
ClientSampleId :

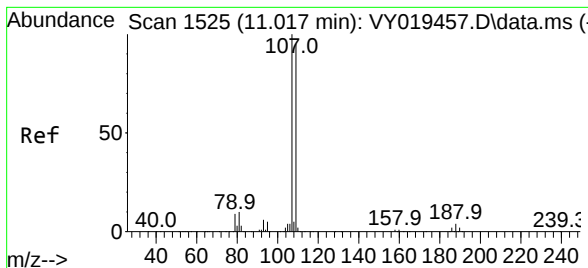
Tgt Ion: 43 Resp: 196376
Ion Ratio Lower Upper
43 100
58 54.6 31.4 94.0



#60
Dibromochloromethane
Concen: 20.015 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 129 Resp: 77065
Ion Ratio Lower Upper
129 100
127 75.1 39.0 117.0

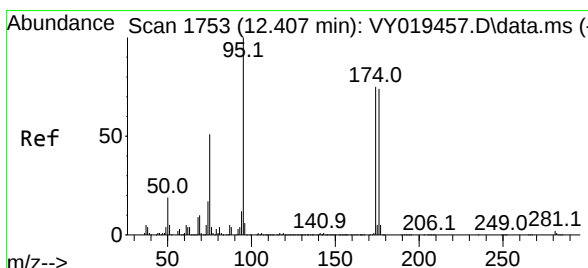
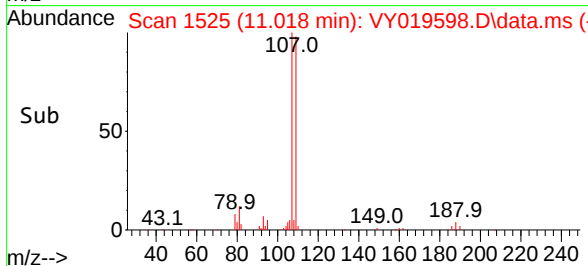
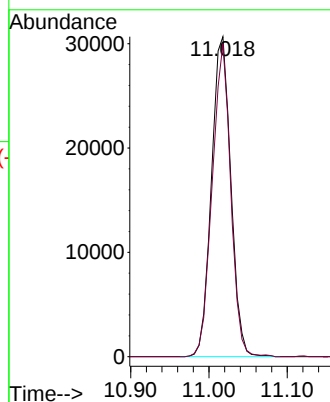
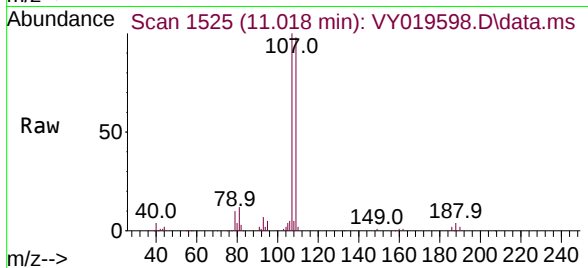




#61
1,2-Dibromoethane
Concen: 19.413 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

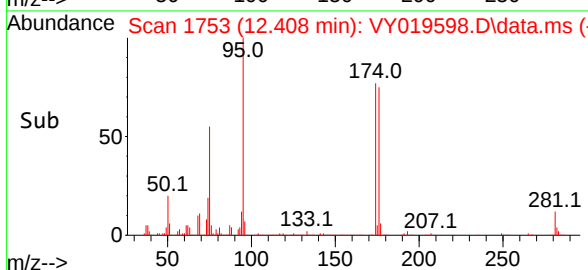
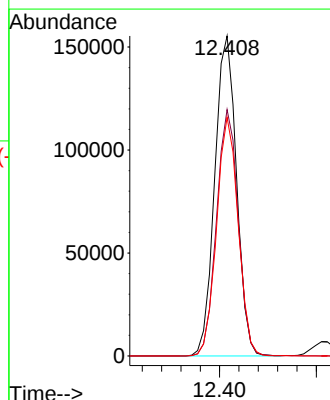
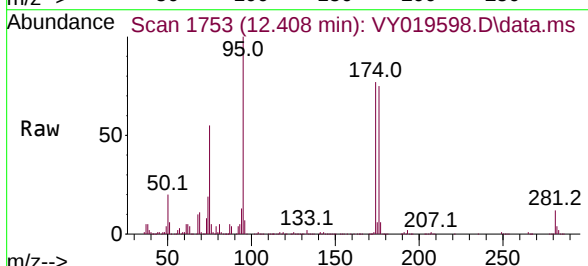
Instrument :
MSVOA_Y
ClientSampleId :

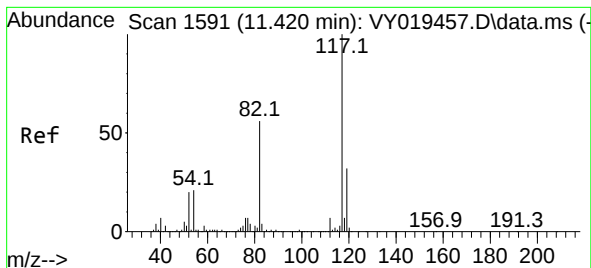
Tgt Ion:107 Resp: 52650
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 45.359 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 95 Resp: 242672
Ion Ratio Lower Upper
95 100
174 76.4 0.0 175.6
176 73.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

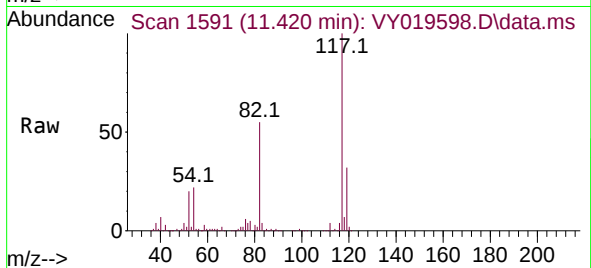
Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :



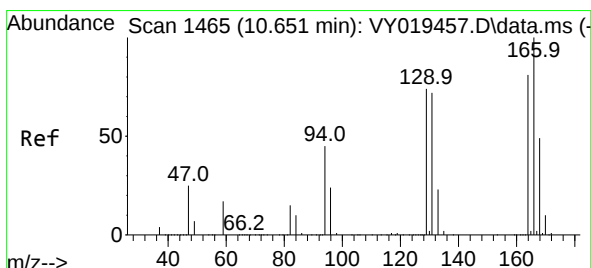
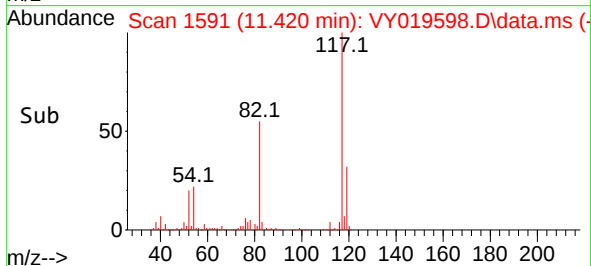
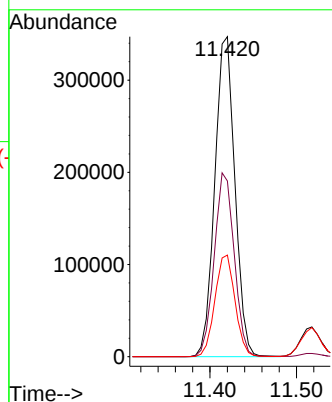
Tgt Ion:117 Resp: 559201

Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

119 31.8 25.9 38.9



#64

Tetrachloroethene

Concen: 19.181 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Tgt Ion:164 Resp: 66422

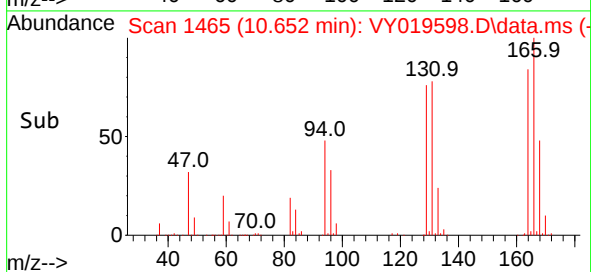
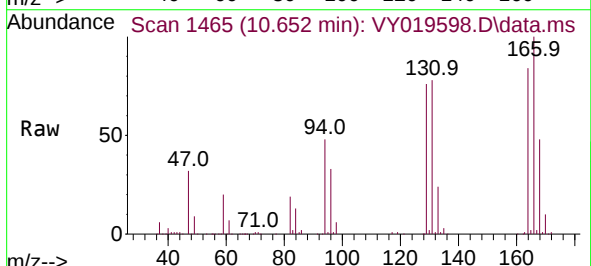
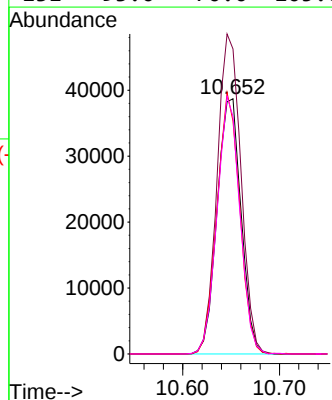
Ion Ratio Lower Upper

164 100

166 119.5 102.6 154.0

129 91.2 72.0 108.0

131 93.0 70.0 105.0





#65

Chlorobenzene

Concen: 20.119 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

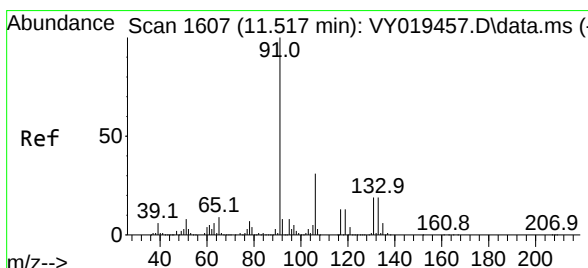
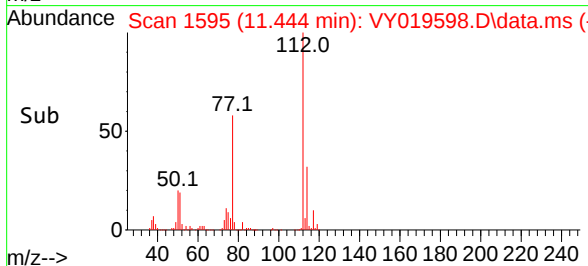
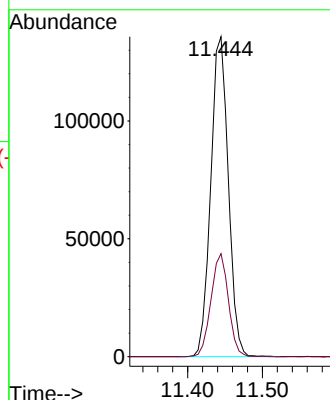
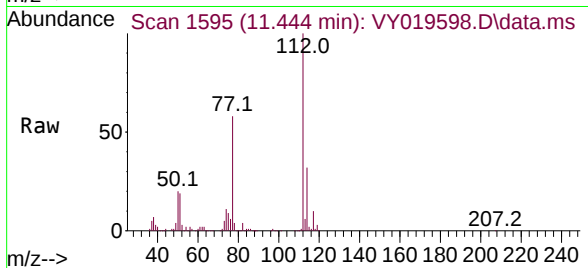
ClientSampleId :

Tgt Ion:112 Resp: 221307

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.746 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

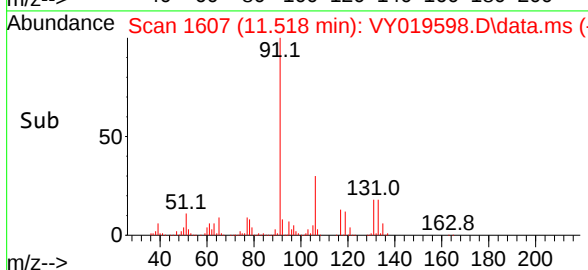
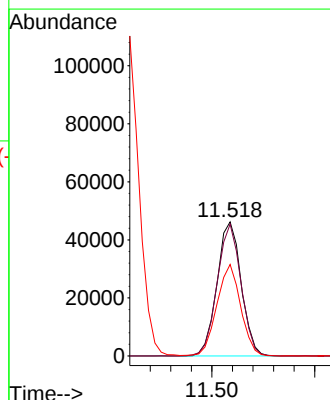
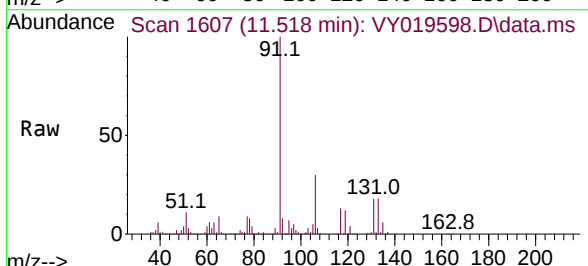
Tgt Ion:131 Resp: 75204

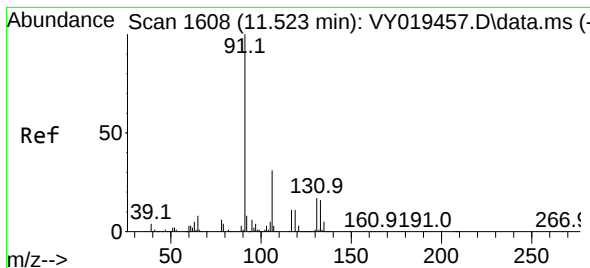
Ion Ratio Lower Upper

131 100

133 96.9 47.8 143.3

119 67.4 34.1 102.2





#67

Ethyl Benzene

Concen: 20.304 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

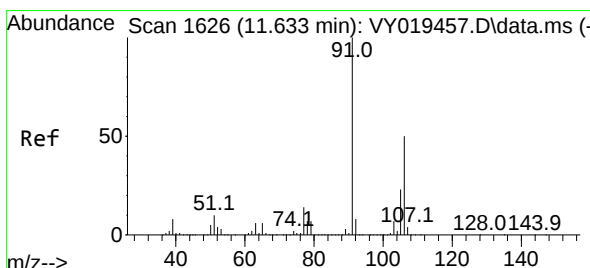
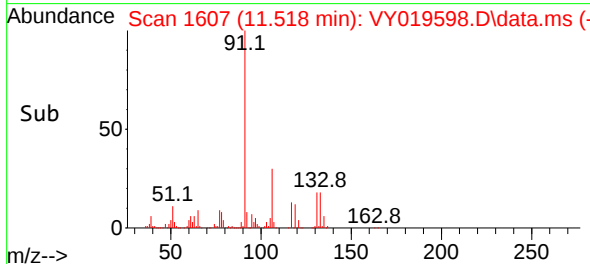
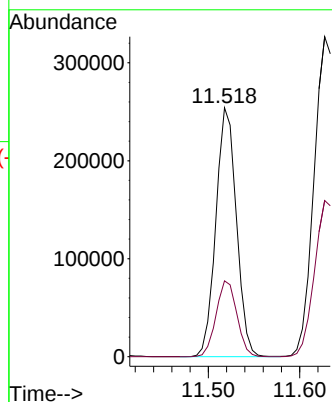
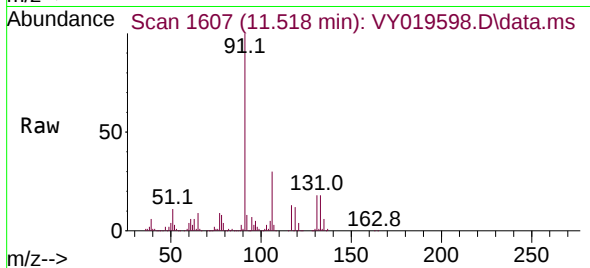
ClientSampleId :

Tgt Ion: 91 Resp: 396836

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 39.769 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019598.D

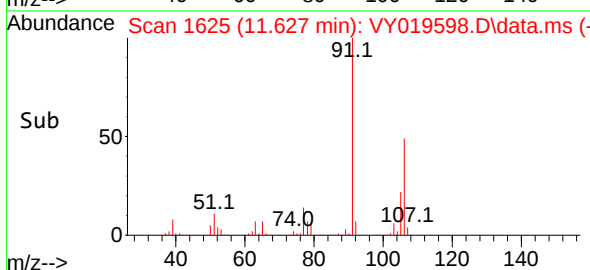
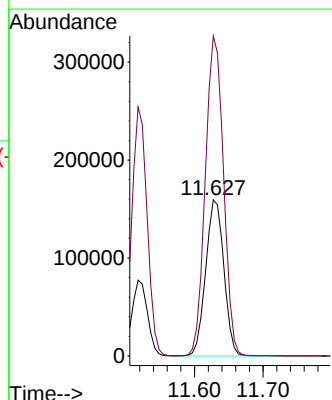
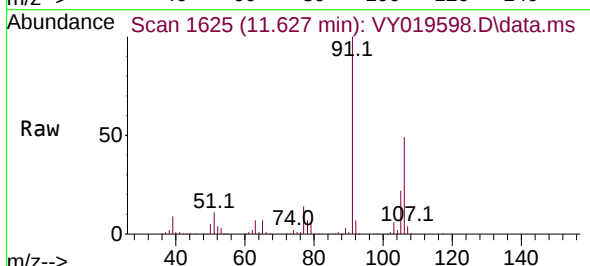
Acq: 18 Sep 2024 12:12

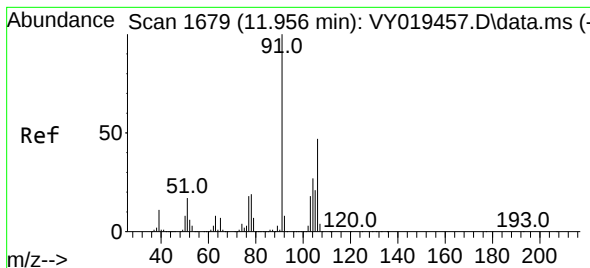
Tgt Ion:106 Resp: 293910

Ion Ratio Lower Upper

106 100

91 205.3 156.0 234.0





#69

o-Xylene

Concen: 19.875 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

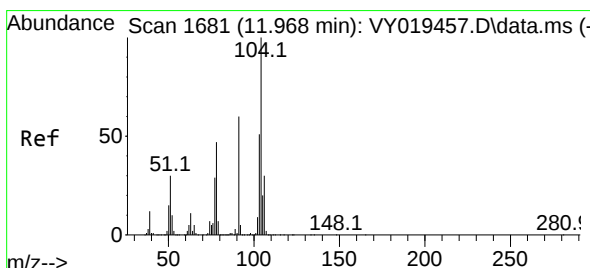
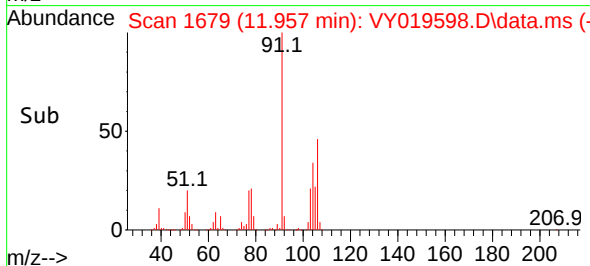
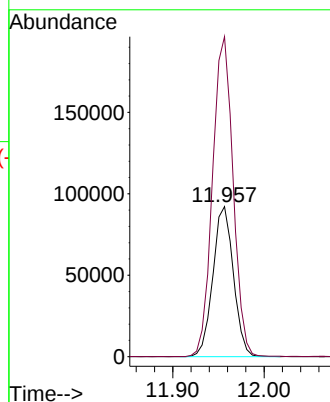
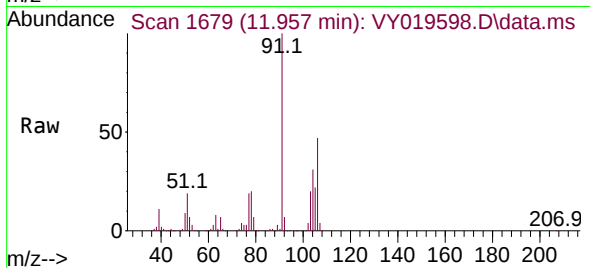
ClientSampleId :

Tgt Ion:106 Resp: 143649

Ion Ratio Lower Upper

106 100

91 213.5 103.6 310.8



#70

Styrene

Concen: 19.795 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

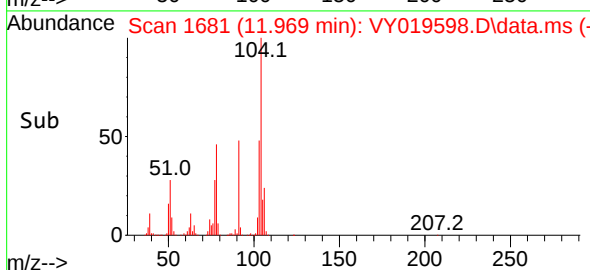
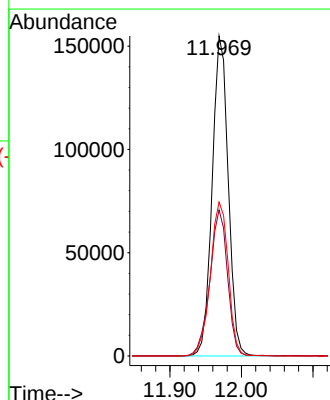
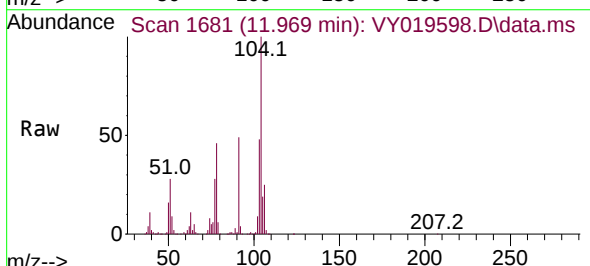
Tgt Ion:104 Resp: 241549

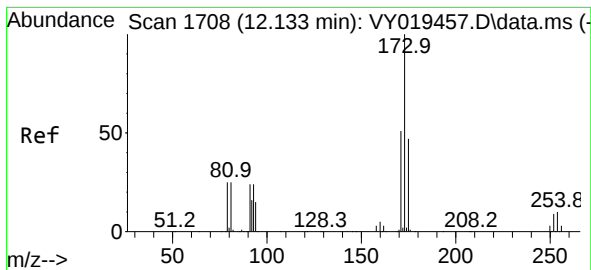
Ion Ratio Lower Upper

104 100

78 50.2 37.0 55.4

103 53.6 44.2 66.2





#71

Bromoform

Concen: 18.627 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

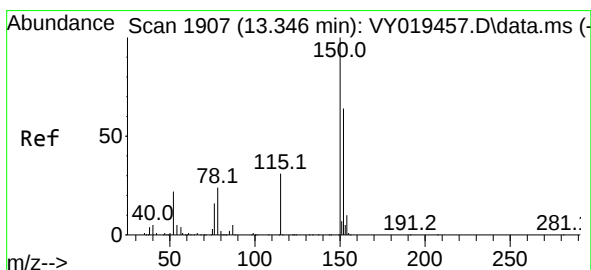
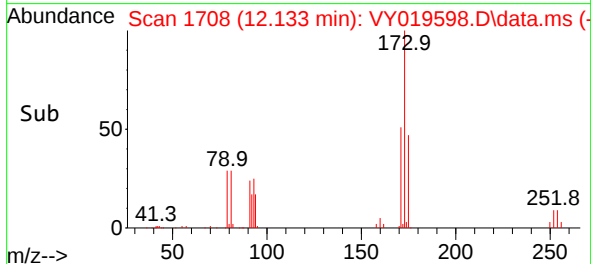
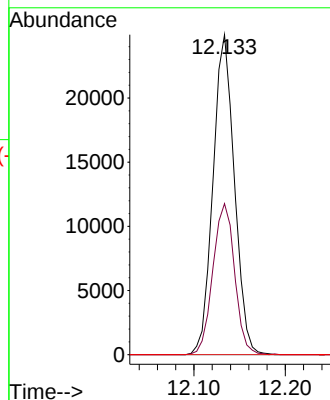
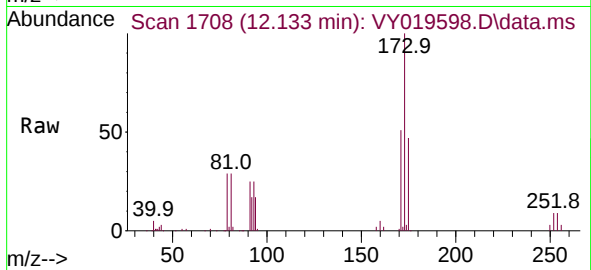
Tgt Ion:173 Resp: 40519

Ion Ratio Lower Upper

173 100

175 48.0 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

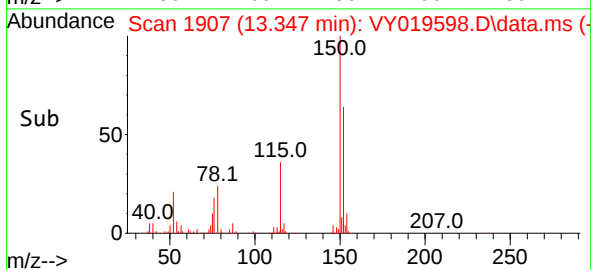
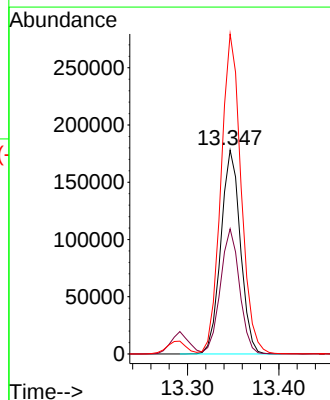
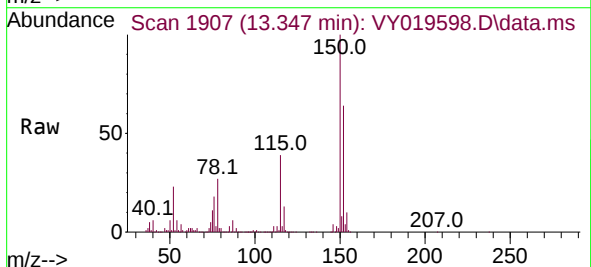
Tgt Ion:152 Resp: 264419

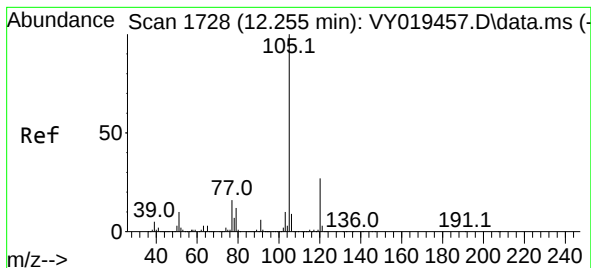
Ion Ratio Lower Upper

152 100

115 60.3 28.2 84.7

150 162.3 0.0 345.6





#73

Isopropylbenzene

Concen: 20.196 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

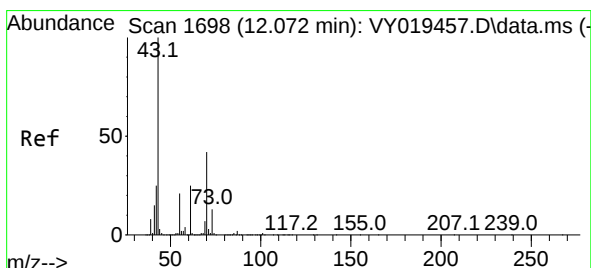
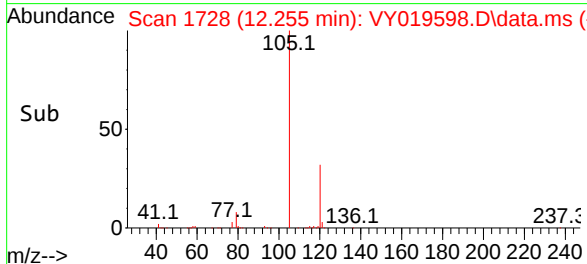
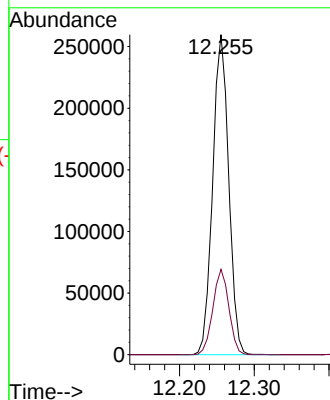
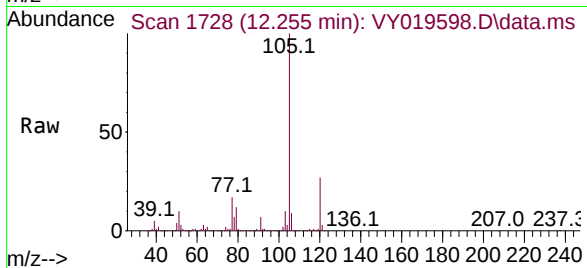
ClientSampleId :

Tgt Ion:105 Resp: 387412

Ion Ratio Lower Upper

105 100

120 26.6 13.4 40.1



#74

N-ethyl acetate

Concen: 18.025 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Tgt Ion: 43 Resp: 94039

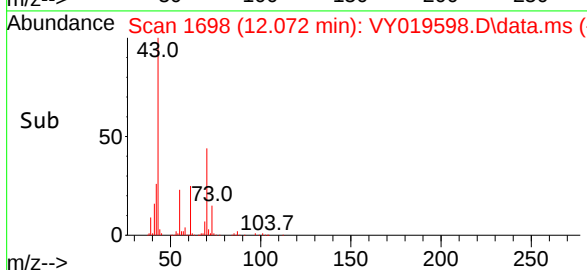
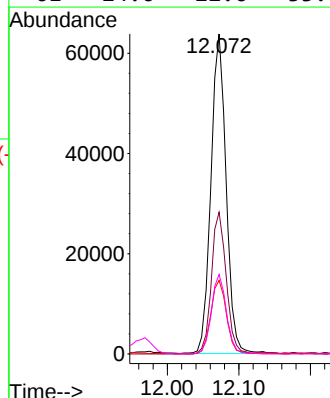
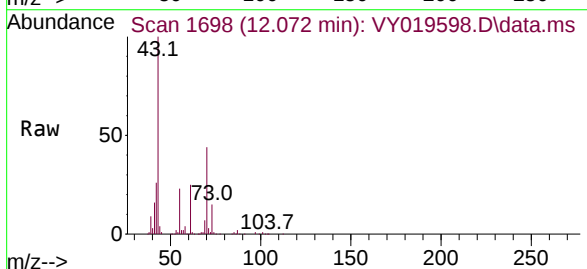
Ion Ratio Lower Upper

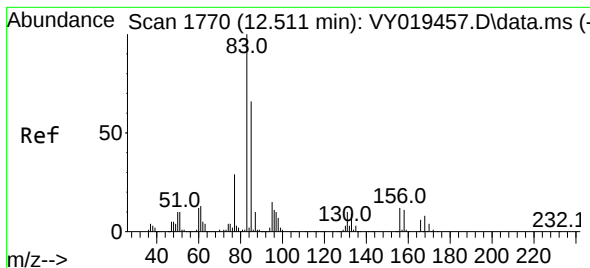
43 100

70 43.3 41.4 62.2

55 23.7 23.3 34.9

61 24.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.929 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

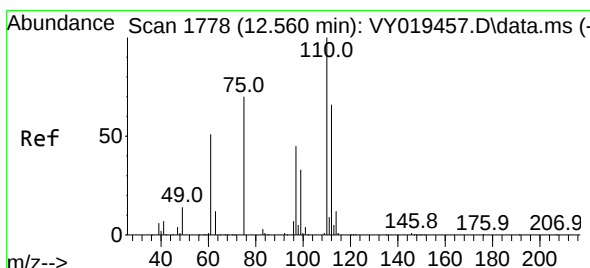
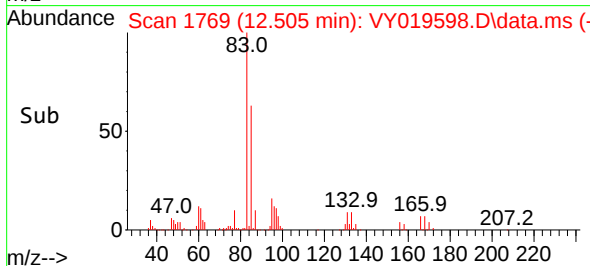
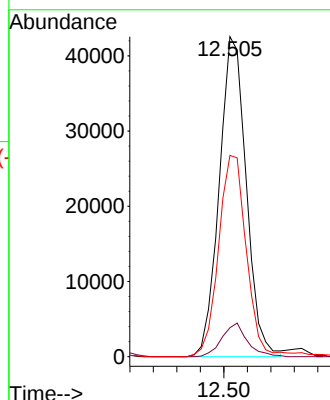
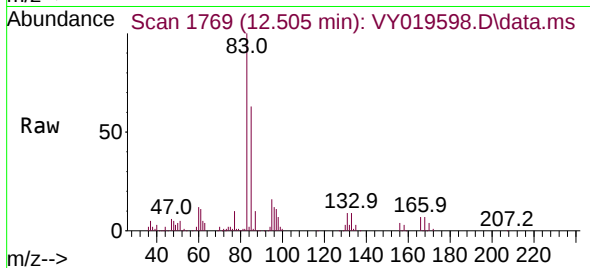
Tgt Ion: 83 Resp: 67854

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 65.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.646 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY019598.D

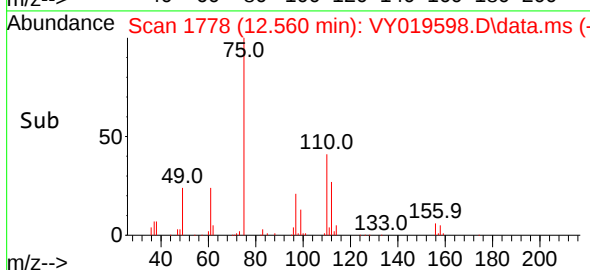
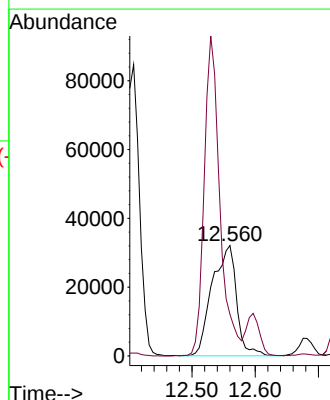
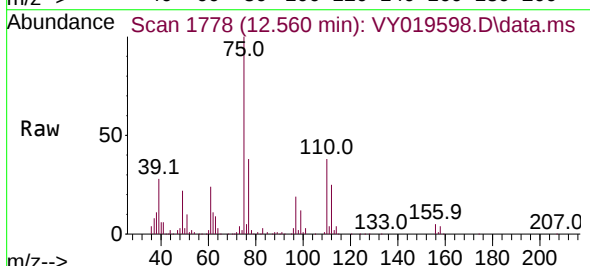
Acq: 18 Sep 2024 12:12

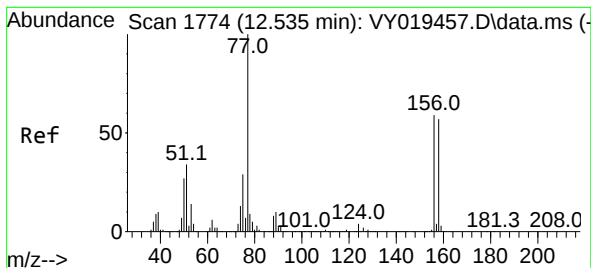
Tgt Ion: 75 Resp: 85866

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.425 ug/l

RT: 12.530 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

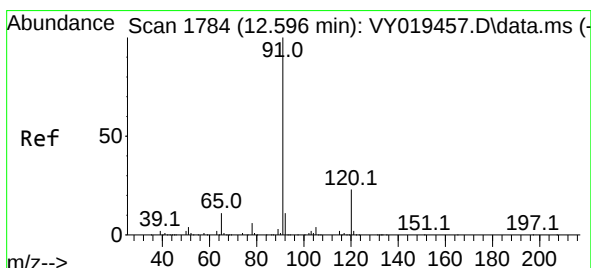
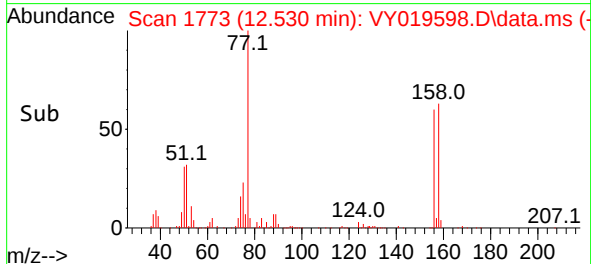
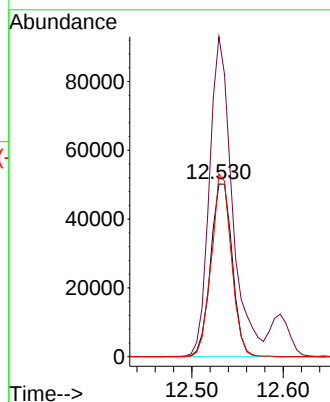
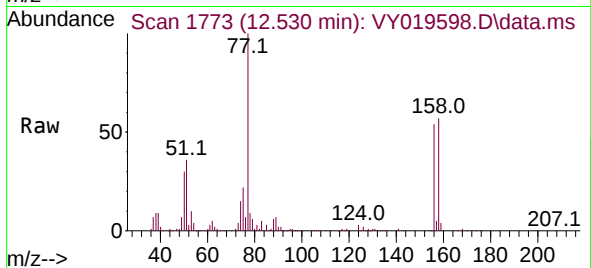
Tgt Ion:156 Resp: 82644

Ion Ratio Lower Upper

156 100

77 195.6 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 20.421 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019598.D

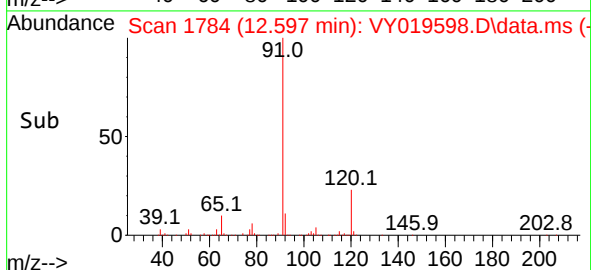
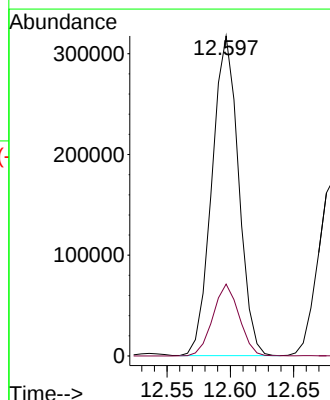
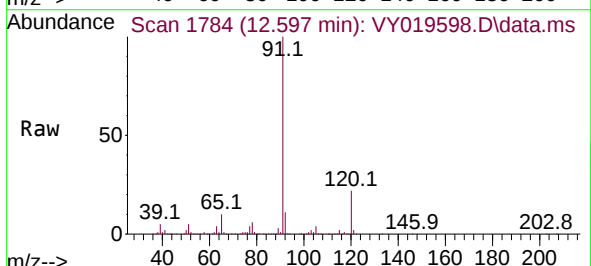
Acq: 18 Sep 2024 12:12

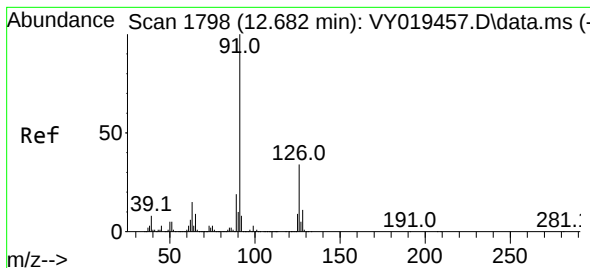
Tgt Ion: 91 Resp: 464319

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.124 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

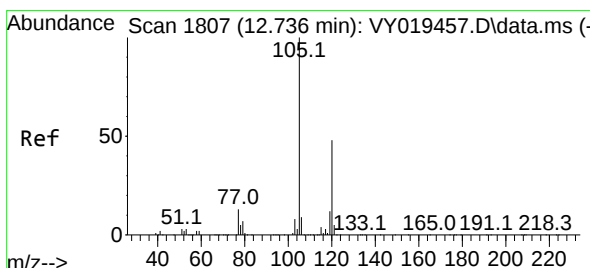
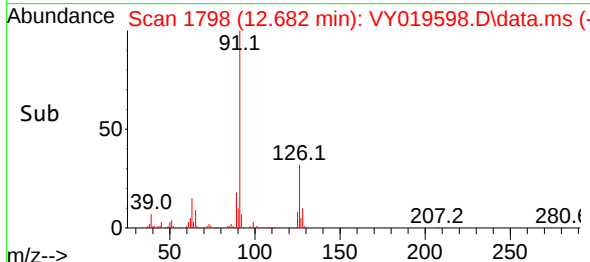
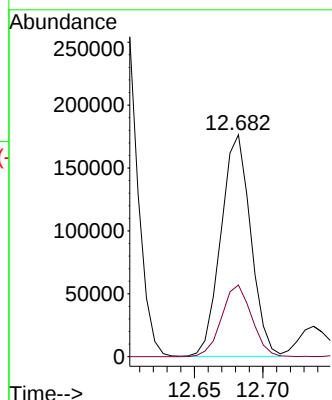
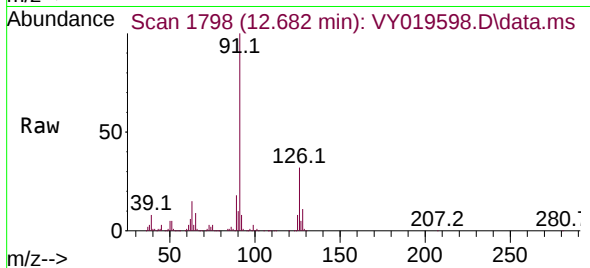
ClientSampleId :

Tgt Ion: 91 Resp: 266647

Ion Ratio Lower Upper

91 100

126 32.7 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.903 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019598.D

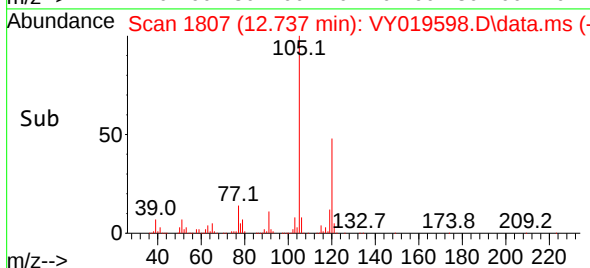
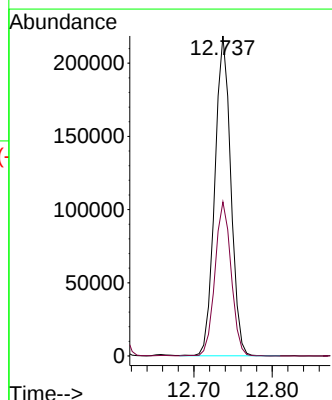
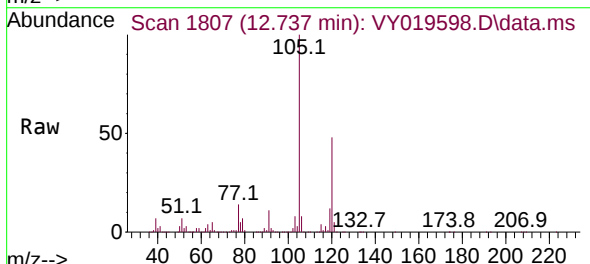
Acq: 18 Sep 2024 12:12

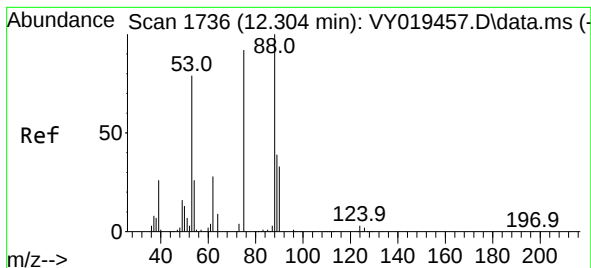
Tgt Ion: 105 Resp: 310383

Ion Ratio Lower Upper

105 100

120 48.6 25.1 75.2

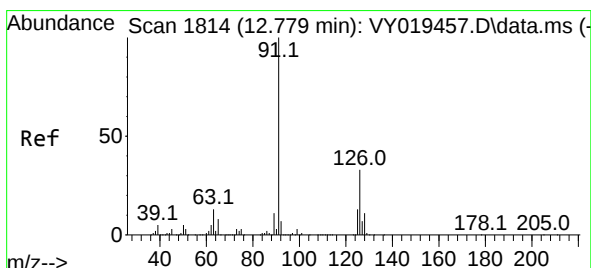
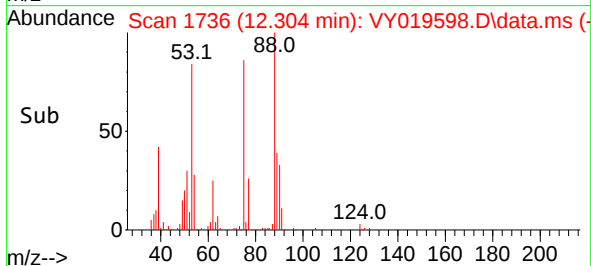
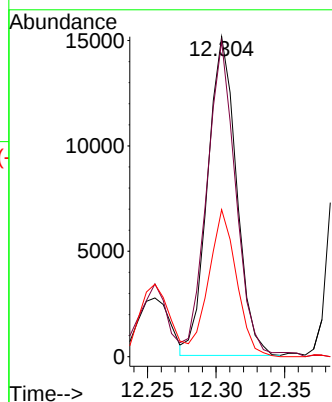
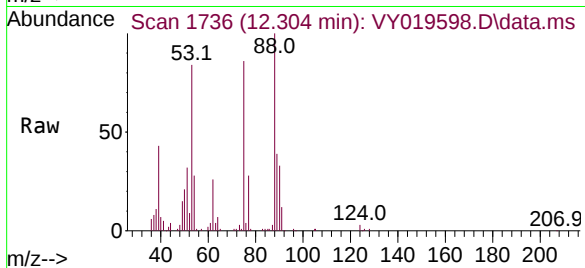




#81
trans-1,4-Dichloro-2-butene
Concen: 17.122 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

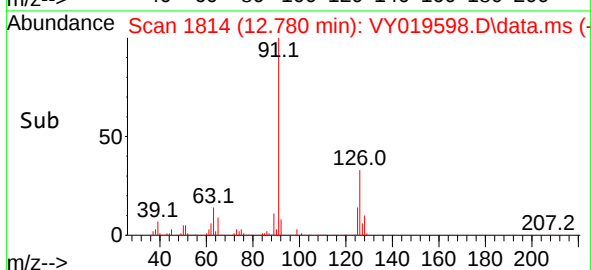
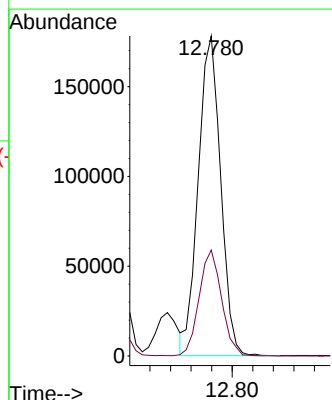
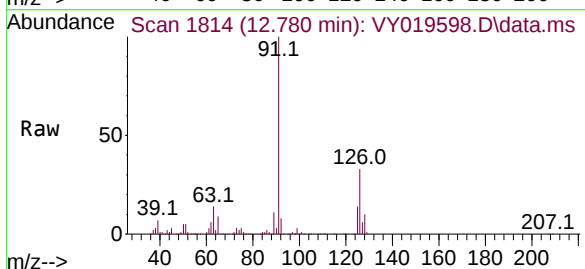
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22105
Ion Ratio Lower Upper
75 100
53 98.9 66.8 100.2
89 44.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.795 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019598.D
Acq: 18 Sep 2024 12:12

Tgt Ion: 91 Resp: 269658
Ion Ratio Lower Upper
91 100
126 33.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.427 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

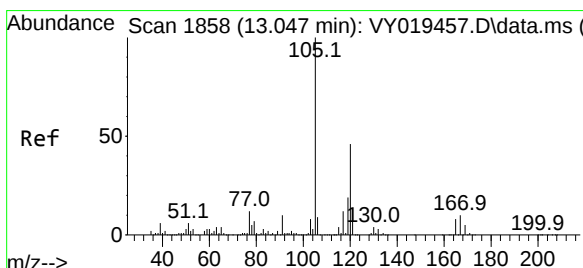
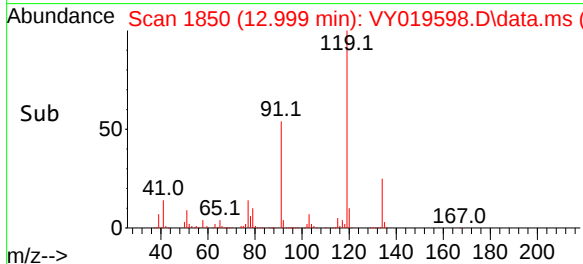
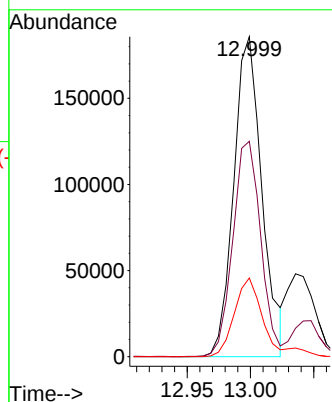
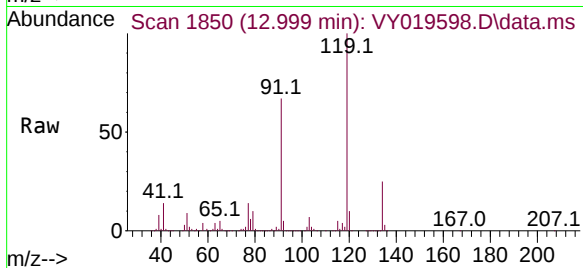
Tgt Ion:119 Resp: 288380

Ion Ratio Lower Upper

119 100

91 66.7 31.3 93.8

134 25.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.075 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019598.D

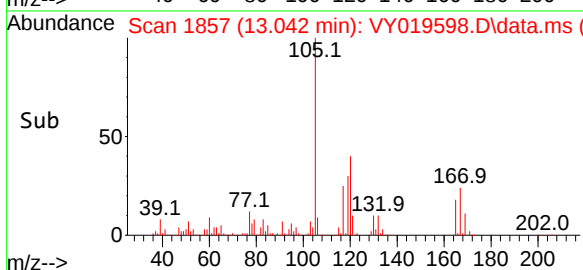
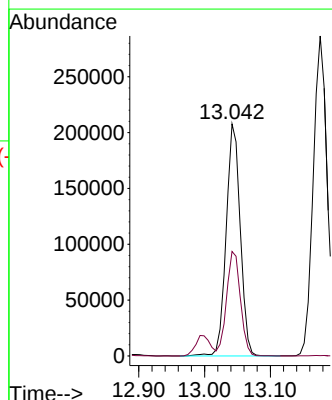
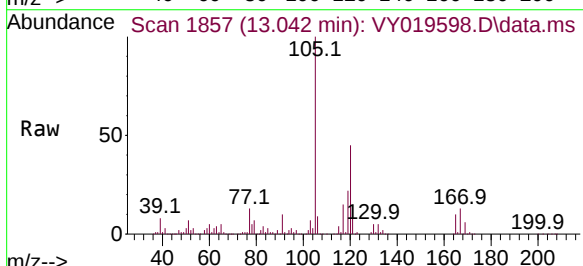
Acq: 18 Sep 2024 12:12

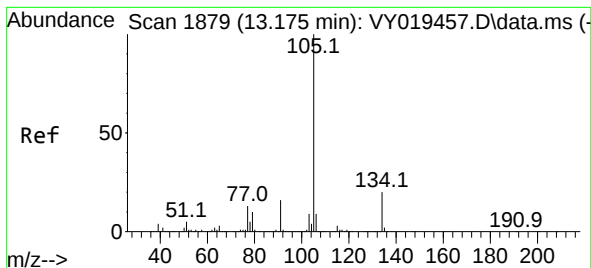
Tgt Ion:105 Resp: 309898

Ion Ratio Lower Upper

105 100

120 44.4 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.570 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

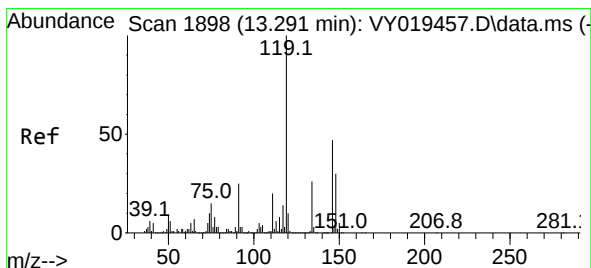
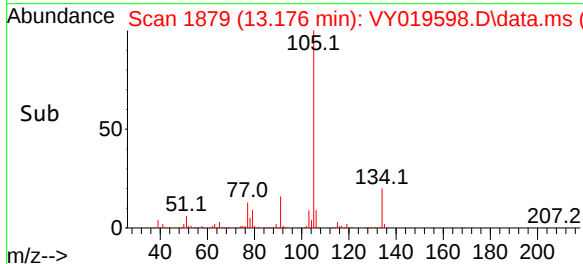
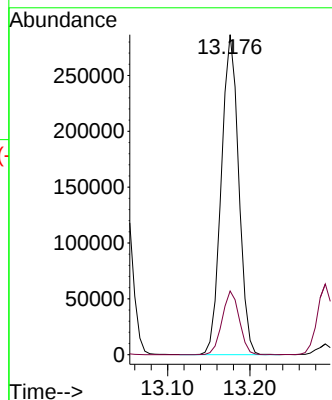
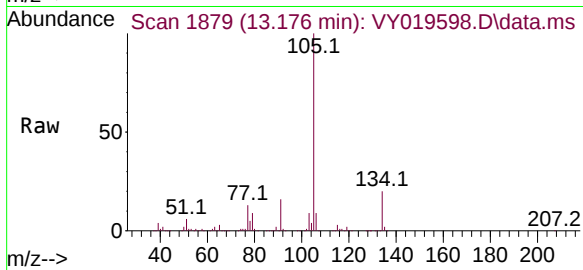
ClientSampleId :

Tgt Ion:105 Resp: 421872

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.335 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

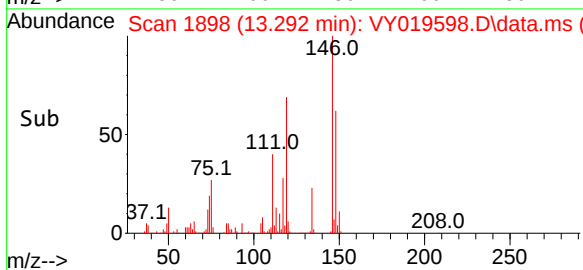
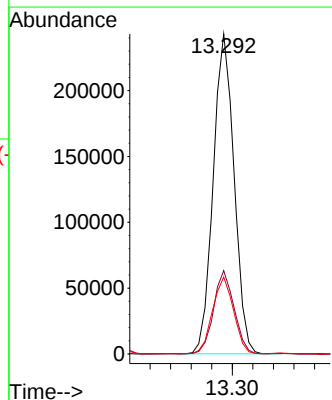
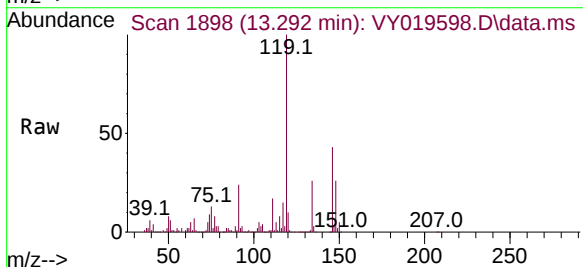
Tgt Ion:119 Resp: 341223

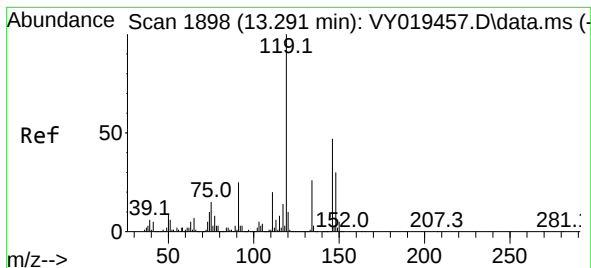
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 24.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.186 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

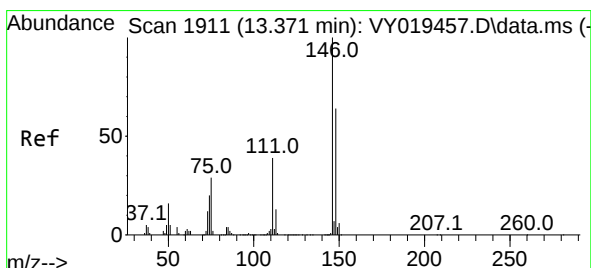
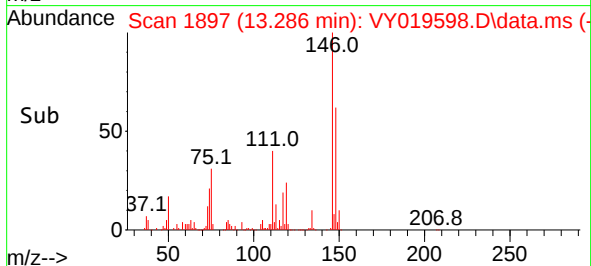
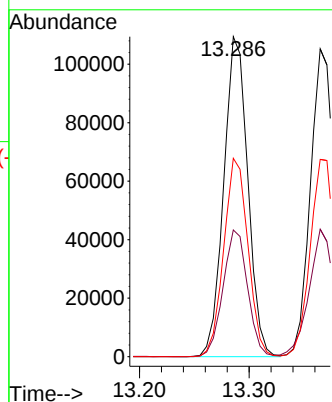
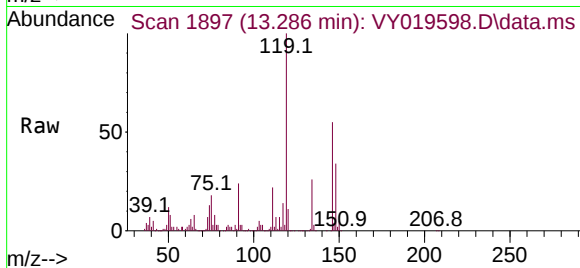
Tgt Ion:146 Resp: 166879

Ion Ratio Lower Upper

146 100

111 40.3 19.0 57.0

148 62.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.755 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

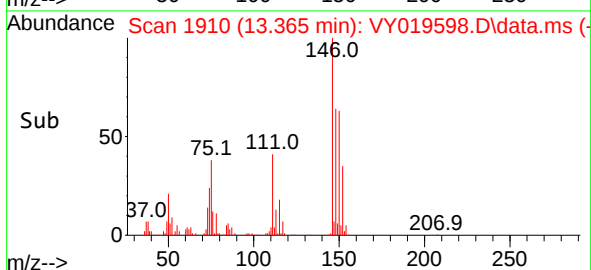
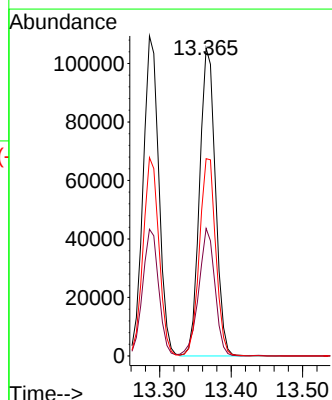
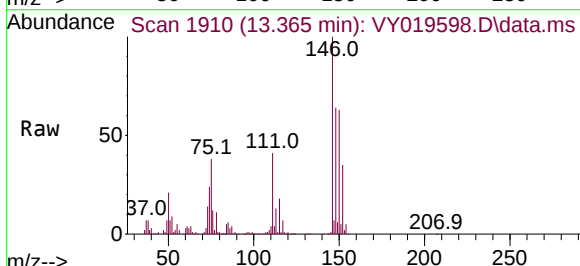
Tgt Ion:146 Resp: 162077

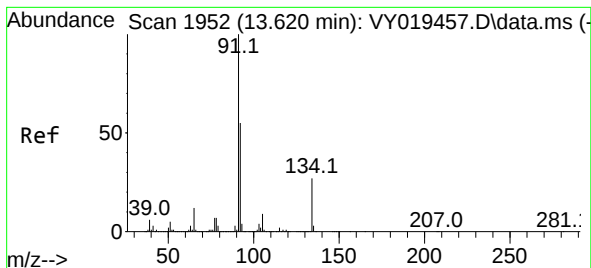
Ion Ratio Lower Upper

146 100

111 42.3 18.4 55.4

148 65.9 32.4 97.2





#89

n-Butylbenzene

Concen: 20.403 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

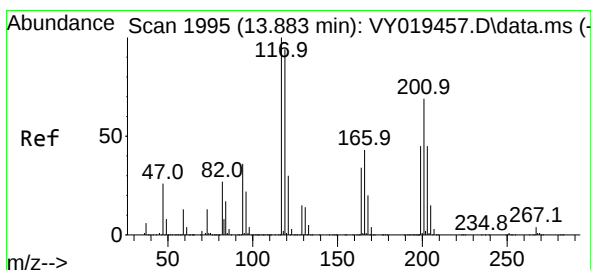
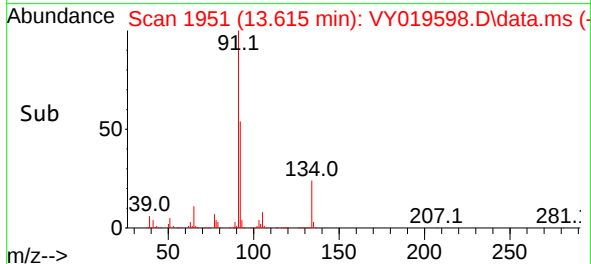
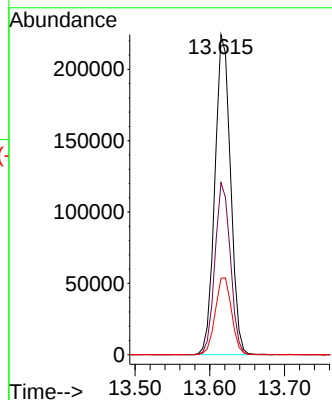
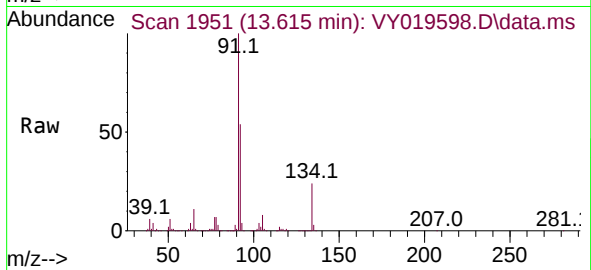
Tgt Ion: 91 Resp: 327299

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 25.1 12.9 38.7



#90

Hexachloroethane

Concen: 19.425 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019598.D

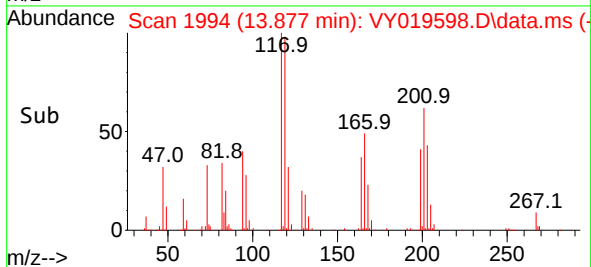
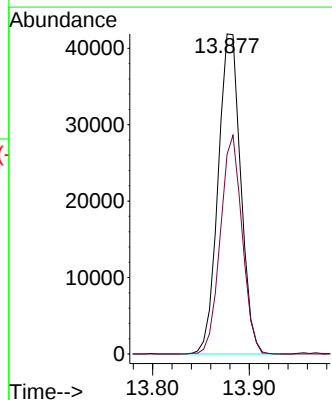
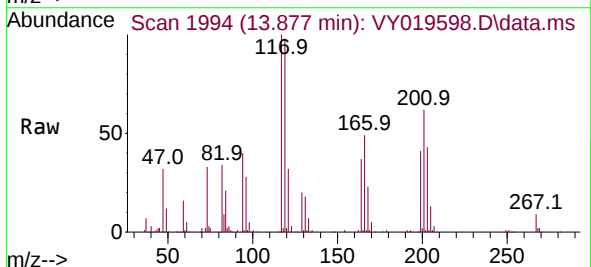
Acq: 18 Sep 2024 12:12

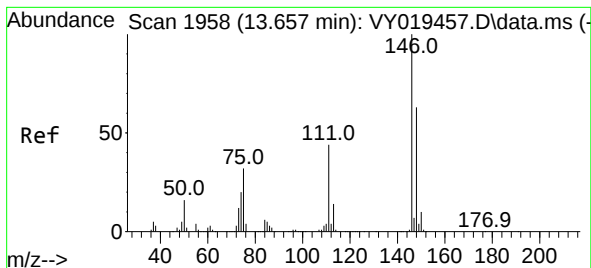
Tgt Ion: 117 Resp: 67821

Ion Ratio Lower Upper

117 100

201 65.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.912 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019598.D

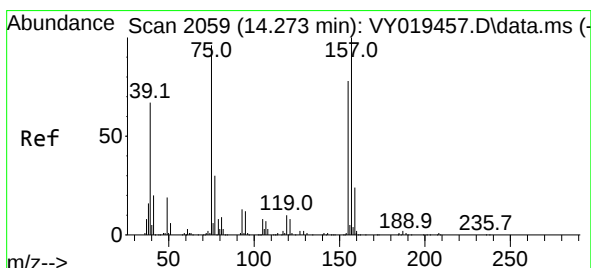
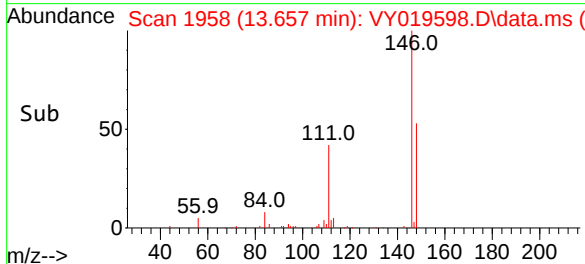
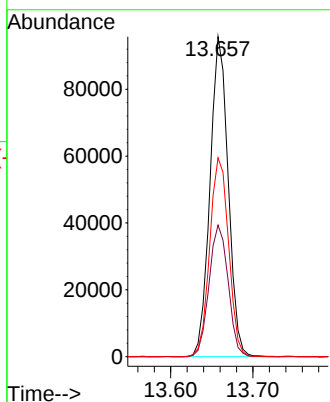
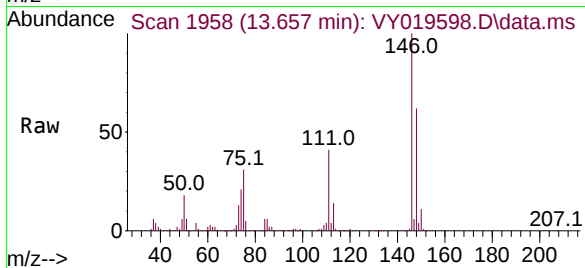
Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	146897
Ion	Ratio	Lower Upper
146	100	
111	43.1	19.9 59.7
148	64.6	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.553 ug/l

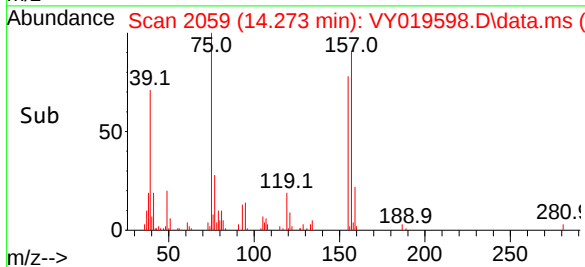
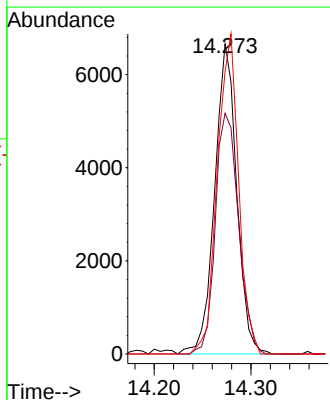
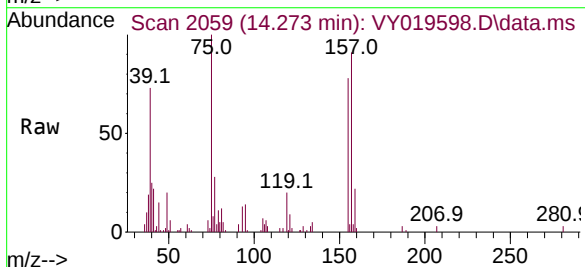
RT: 14.273 min Scan# 2059

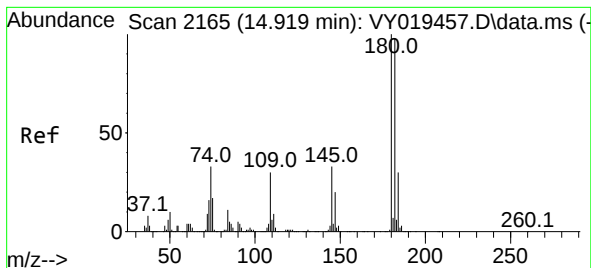
Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Tgt Ion: 75	Resp:	10528
Ion	Ratio	Lower Upper
75	100	
155	81.6	48.6 145.8
157	99.6	62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 17.941 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :

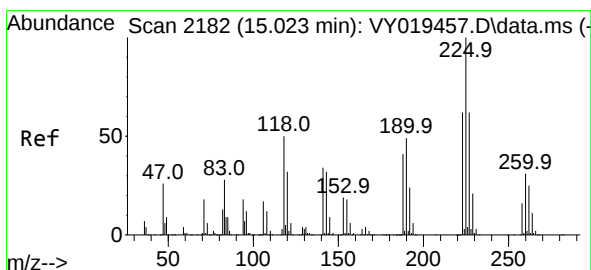
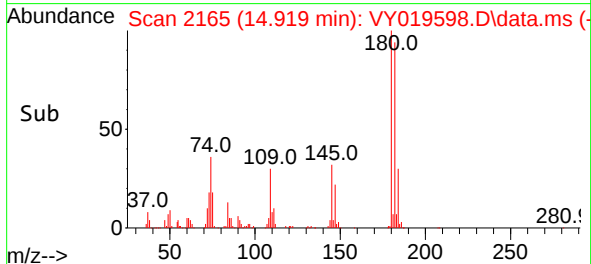
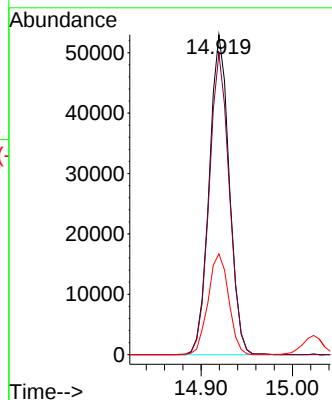
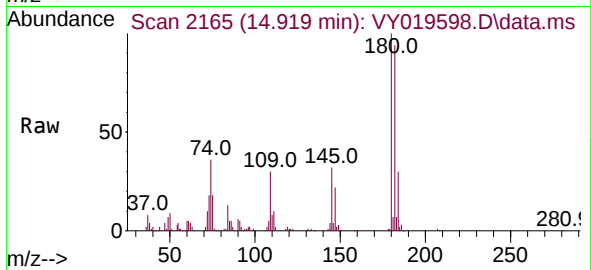
Tgt Ion:180 Resp: 80499

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.8

145 32.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.655 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

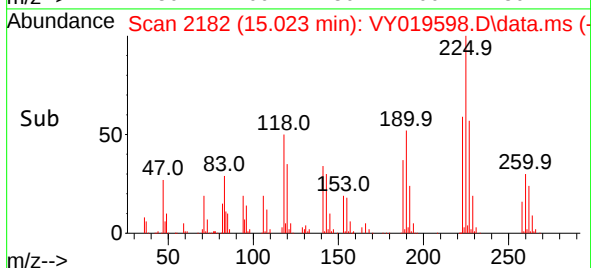
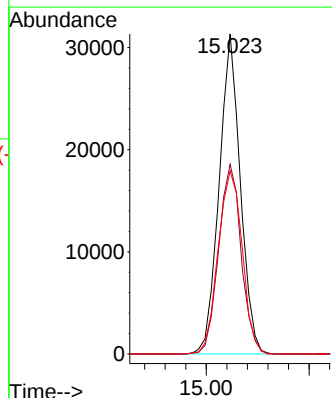
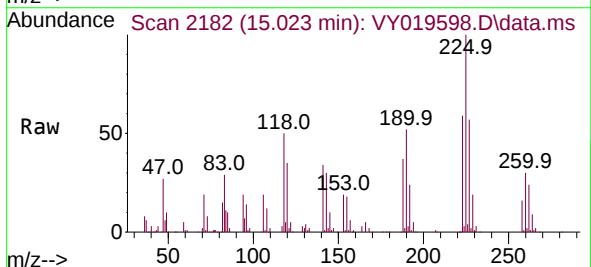
Tgt Ion:225 Resp: 44714

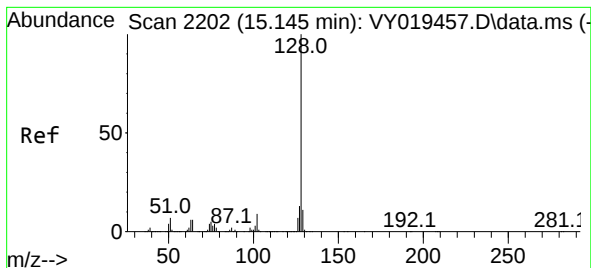
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 16.562 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

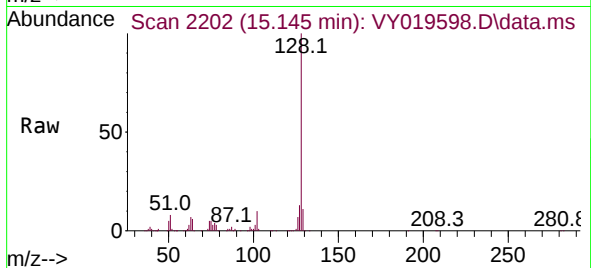
Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :



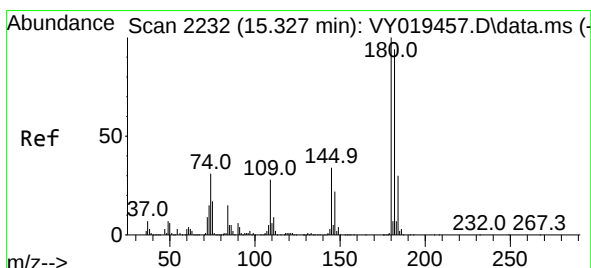
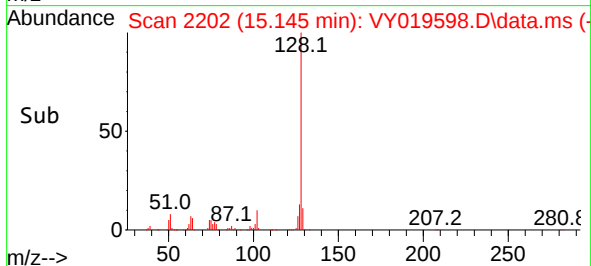
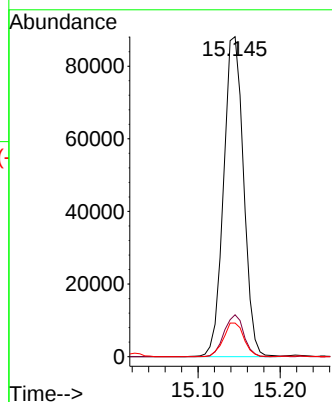
Tgt Ion:128 Resp: 148811

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.141 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019598.D

Acq: 18 Sep 2024 12:12

Tgt Ion:180 Resp: 65784

Ion Ratio Lower Upper

180 100

182 97.8 47.6 142.9

145 34.6 15.4 46.1

