

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100724\
 Data File : VY019808.D
 Acq On : 07 Oct 2024 13:53
 Operator : SY/MD
 Sample : VY1007SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 08 01:37:26 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	241263	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	421015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	358736	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	166395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	137072	61.356	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.720%	
35) Dibromofluoromethane	7.634	113	133295	55.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.680%	
50) Toluene-d8	10.109	98	475728	53.881	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.760%	
62) 4-Bromofluorobenzene	12.401	95	173031	50.968	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	25686	16.756	ug/l	99
3) Chloromethane	2.068	50	30125	15.092	ug/l	96
4) Vinyl Chloride	2.202	62	36081	16.716	ug/l	94
5) Bromomethane	2.598	94	25684	19.372	ug/l	95
6) Chloroethane	2.732	64	27327	19.367	ug/l	91
7) Trichlorofluoromethane	3.062	101	68336	18.993	ug/l	94
8) Diethyl Ether	3.458	74	22900	18.961	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.818	101	44586	20.032	ug/l	94
10) Methyl Iodide	4.013	142	36150	12.668	ug/l #	90
11) Tert butyl alcohol	4.878	59	24459	135.570	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	34373	16.058	ug/l #	82
13) Acrolein	3.659	56	7603	77.659	ug/l	95
14) Allyl chloride	4.391	41	68595	17.870	ug/l #	91
15) Acrylonitrile	5.061	53	60461	116.101	ug/l	99
16) Acetone	3.879	43	71631	134.587	ug/l #	81
17) Carbon Disulfide	4.110	76	48730	8.426	ug/l	99
18) Methyl Acetate	4.385	43	31031	21.484	ug/l	90
19) Methyl tert-butyl Ether	5.122	73	131679	21.720	ug/l	100
20) Methylene Chloride	4.622	84	48000	19.776	ug/l #	82
21) trans-1,2-Dichloroethene	5.116	96	37932	16.167	ug/l	90
22) Diisopropyl ether	6.018	45	180677	22.921	ug/l #	90
23) Vinyl Acetate	5.964	43	483157	107.309	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	94953	21.467	ug/l	97
25) 2-Butanone	6.896	43	95653	126.364	ug/l #	86
26) 2,2-Dichloropropane	6.884	77	84009	21.055	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	57331	20.116	ug/l	85
28) Bromochloromethane	7.244	49	40802	21.924	ug/l #	78
29) Tetrahydrofuran	7.262	42	48067	104.438	ug/l	86
30) Chloroform	7.421	83	103015	22.814	ug/l	99
31) Cyclohexane	7.701	56	61483	15.378	ug/l	91
32) 1,1,1-Trichloroethane	7.622	97	85832	21.207	ug/l	96
36) 1,1-Dichloropropene	7.835	75	57288	17.637	ug/l	95
37) Ethyl Acetate	6.982	43	36617	22.002	ug/l	96
38) Carbon Tetrachloride	7.817	117	68650	18.742	ug/l	98
39) Methylcyclohexane	9.109	83	63512	14.693	ug/l	91
40) Benzene	8.079	78	190371	19.029	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	21587	22.252	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	59495	22.100	ug/l	95
43) Isopropyl Acetate	8.195	43	75383	21.560	ug/l #	79
44) Trichloroethene	8.866	130	46749	18.170	ug/l	100
45) 1,2-Dichloropropane	9.140	63	52240	21.359	ug/l	95
46) Dibromomethane	9.231	93	27793	20.780	ug/l	92
47) Bromodichloromethane	9.420	83	78920	21.951	ug/l	99
48) Methyl methacrylate	9.219	41	33650	20.380	ug/l #	81
49) 1,4-Dioxane	9.231	88	6533	414.917	ug/l #	72
51) 4-Methyl-2-Pentanone	9.999	43	194969	110.838	ug/l	90
52) Toluene	10.170	92	121600	18.899	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	68014	19.845	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	79259	19.861	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	41514	22.476	ug/l	95
56) Ethyl methacrylate	10.438	69	55878	19.915	ug/l #	79
57) 1,3-Dichloropropane	10.713	76	70515	22.210	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	134130	103.000	ug/l	95
59) 2-Hexanone	10.762	43	144074	111.719	ug/l	89
60) Dibromochloromethane	10.908	129	52933	21.664	ug/l	98
61) 1,2-Dibromoethane	11.012	107	34052	19.787	ug/l	99
64) Tetrachloroethene	10.646	164	38505	17.333	ug/l	92
65) Chlorobenzene	11.438	112	142278	20.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	52144	21.342	ug/l	98
67) Ethyl Benzene	11.518	91	253268	20.200	ug/l	97
68) m/p-Xylenes	11.627	106	184294	38.872	ug/l	92
69) o-Xylene	11.950	106	91963	19.834	ug/l	92
70) Styrene	11.969	104	157785	20.156	ug/l	96
71) Bromoform	12.127	173	27160	19.463	ug/l #	98
73) Isopropylbenzene	12.249	105	256375	21.238	ug/l	99
74) N-amyl acetate	12.066	43	66586	20.282	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	48829	22.789	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	60876	39.033	ug/l #	100
77) Bromobenzene	12.530	156	54301	20.282	ug/l	85
78) n-propylbenzene	12.590	91	308398	21.554	ug/l	98
79) 2-Chlorotoluene	12.676	91	180116	21.601	ug/l	94
80) 1,3,5-Trimethylbenzene	12.731	105	204895	20.879	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.298	75	14980	18.439	ug/l #	86
82) 4-Chlorotoluene	12.773	91	181804	21.208	ug/l	95
83) tert-Butylbenzene	12.993	119	190137	21.402	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	205606	21.166	ug/l	97
85) sec-Butylbenzene	13.170	105	286137	22.170	ug/l	98
86) p-Isopropyltoluene	13.292	119	228794	21.667	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	110730	21.285	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	111269	21.552	ug/l	97
89) n-Butylbenzene	13.615	91	221314	21.924	ug/l	99
90) Hexachloroethane	13.877	117	46163	21.011	ug/l	87
91) 1,2-Dichlorobenzene	13.657	146	100504	21.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7026	19.675	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	56000	19.834	ug/l	96
94) Hexachlorobutadiene	15.023	225	30995	20.549	ug/l	99
95) Naphthalene	15.139	128	104336	18.453	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	46583	19.288	ug/l	97

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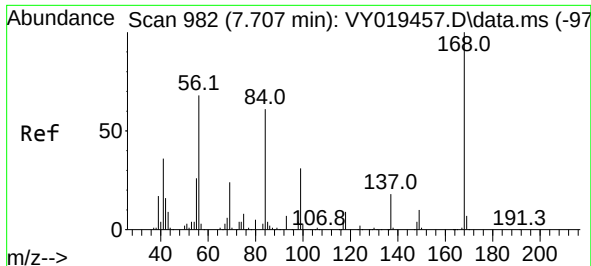
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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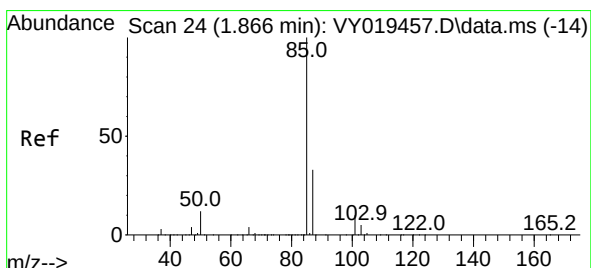
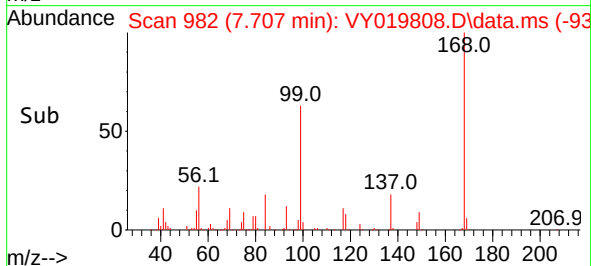
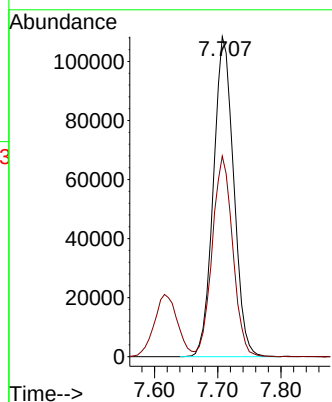
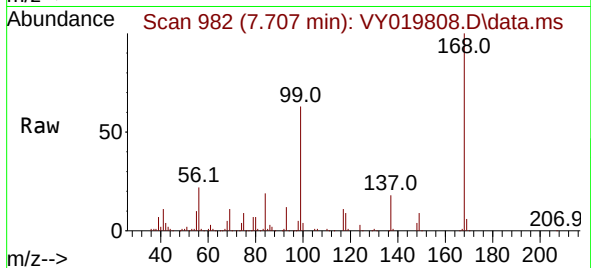




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019808.D
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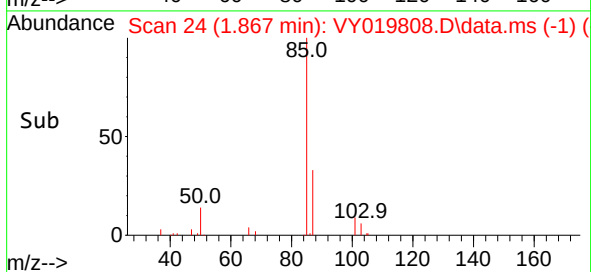
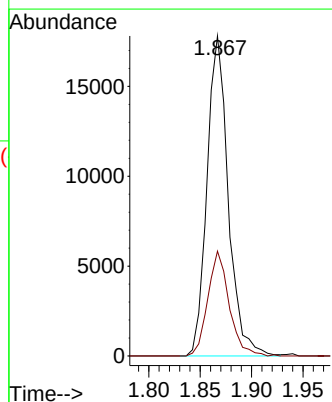
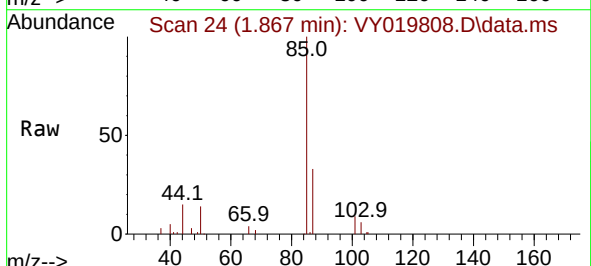
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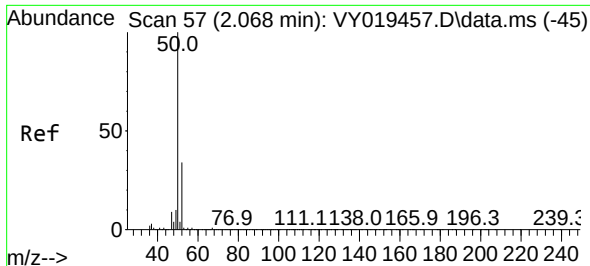
Tgt Ion:168 Resp: 241263
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.756 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 85 Resp: 25686
Ion Ratio Lower Upper
85 100
87 32.8 16.0 48.0

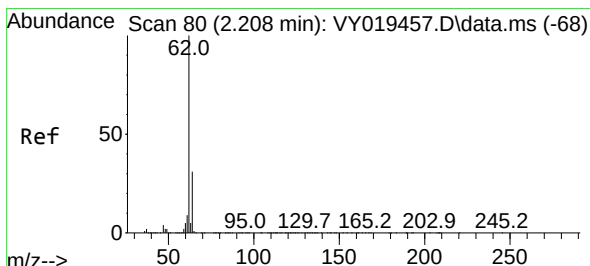
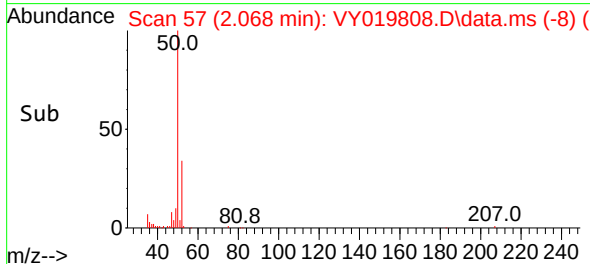
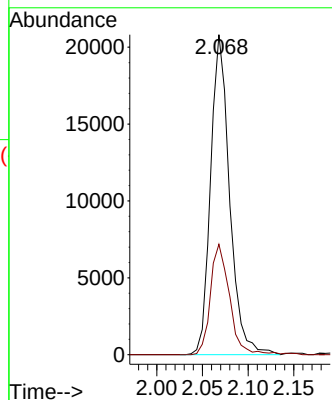
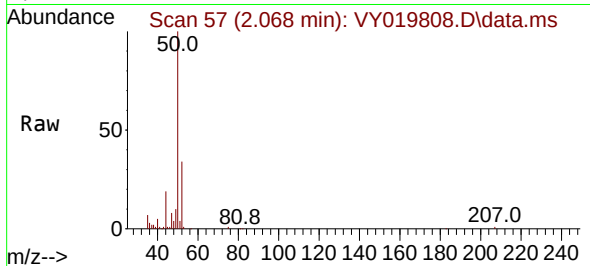




#3
Chloromethane
Concen: 15.092 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

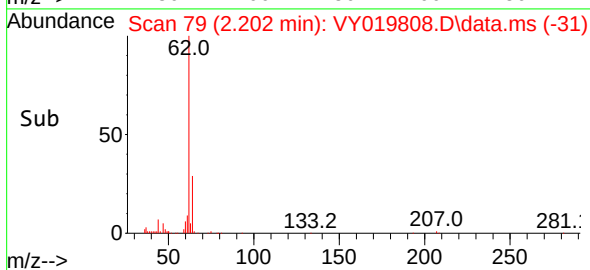
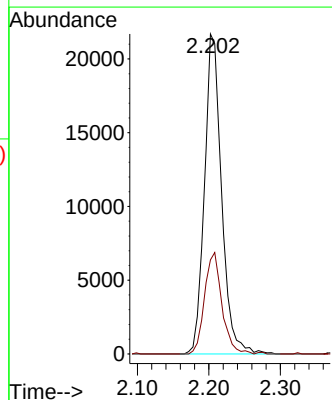
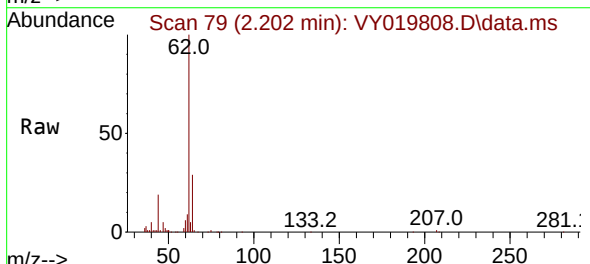
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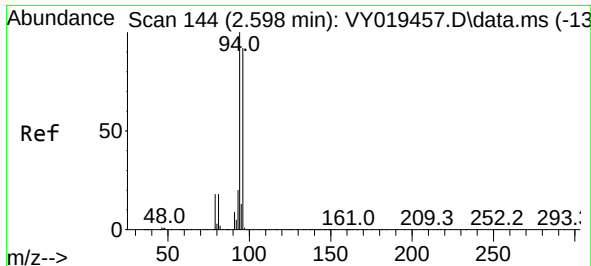
Tgt Ion: 50 Resp: 30125
Ion Ratio Lower Upper
50 100
52 34.5 25.6 38.4



#4
Vinyl Chloride
Concen: 16.716 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 62 Resp: 36081
Ion Ratio Lower Upper
62 100
64 29.4 26.1 39.1

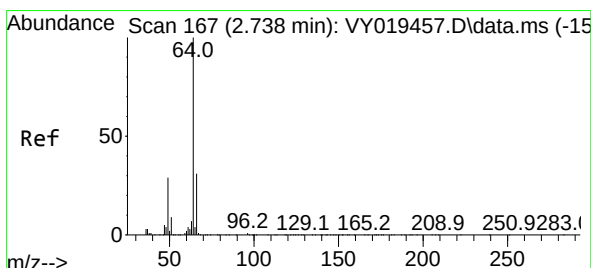
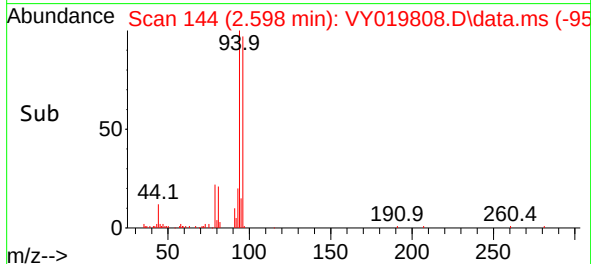
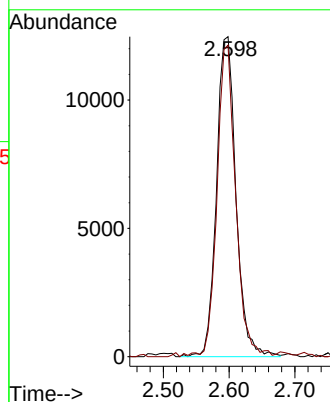
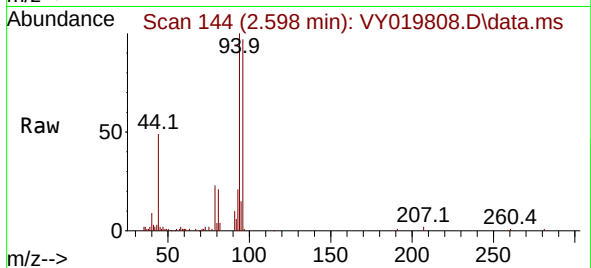




#5
Bromomethane
Concen: 19.372 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

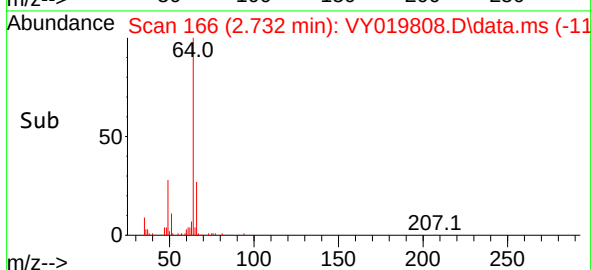
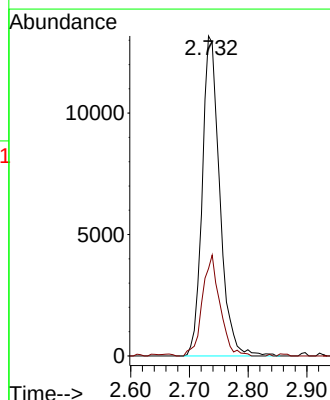
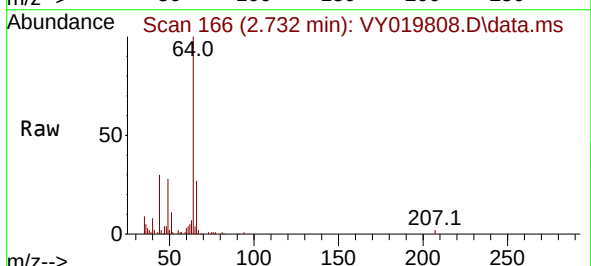
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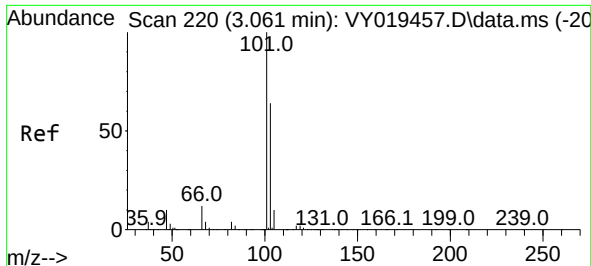
Tgt Ion: 94 Resp: 25684
Ion Ratio Lower Upper
94 100
96 97.3 74.1 111.1



#6
Chloroethane
Concen: 19.367 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 64 Resp: 27327
Ion Ratio Lower Upper
64 100
66 27.3 26.1 39.1

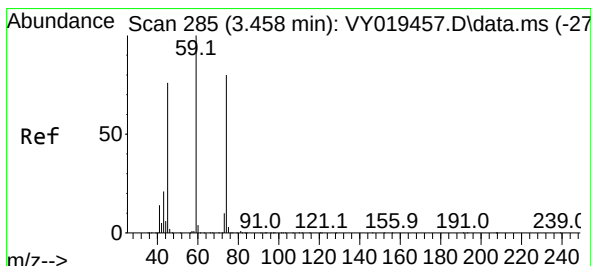
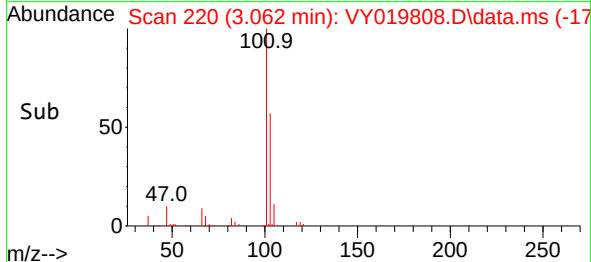
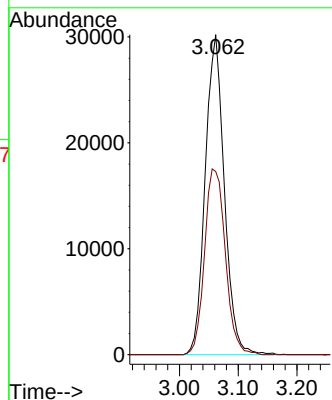
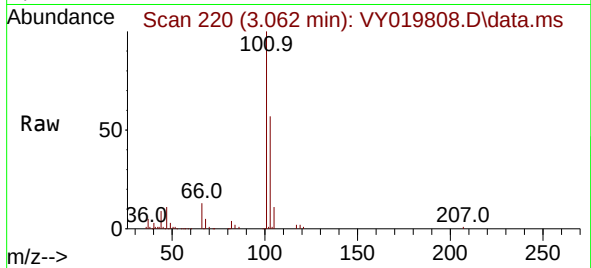




#7
 Trichlorofluoromethane
 Concen: 18.993 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019808.D
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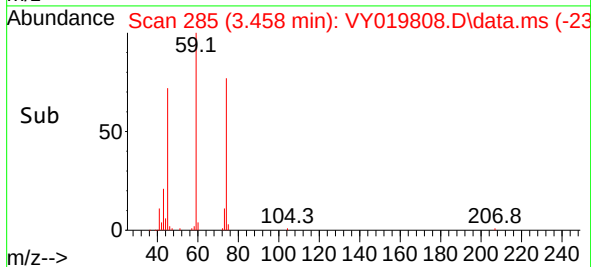
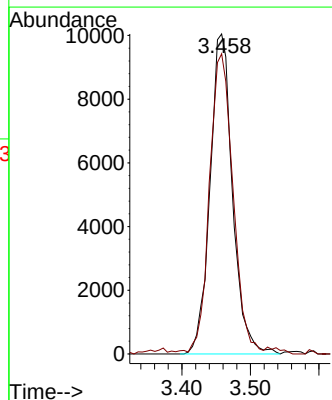
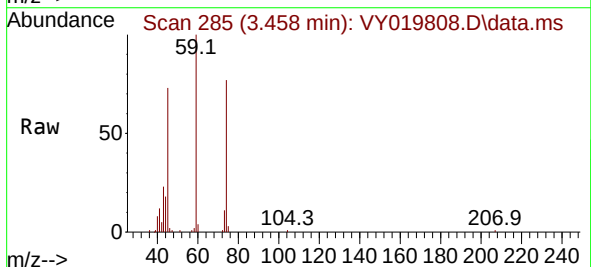
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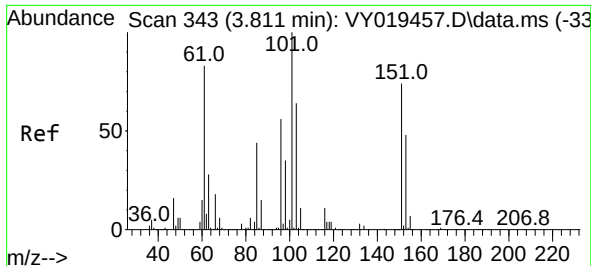
Tgt Ion:101 Resp: 68336
 Ion Ratio Lower Upper
 101 100
 103 57.2 49.3 73.9



#8
 Diethyl Ether
 Concen: 18.961 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

Tgt Ion: 74 Resp: 22900
 Ion Ratio Lower Upper
 74 100
 45 98.5 41.3 124.1

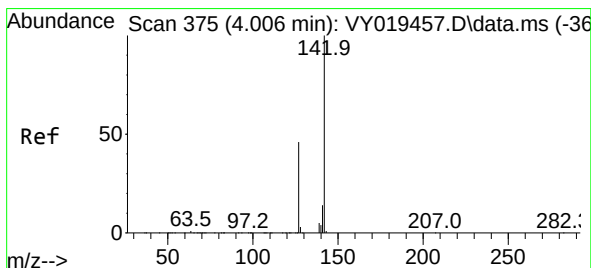
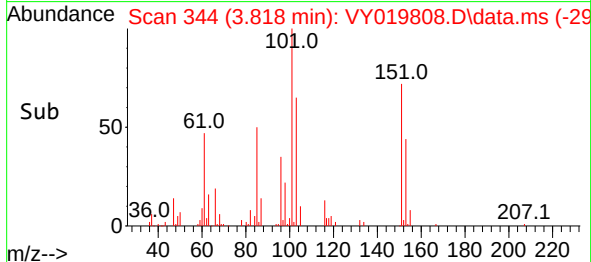
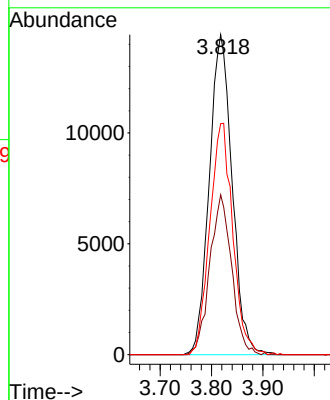
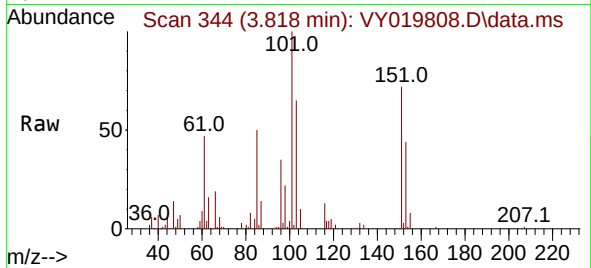




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.032 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
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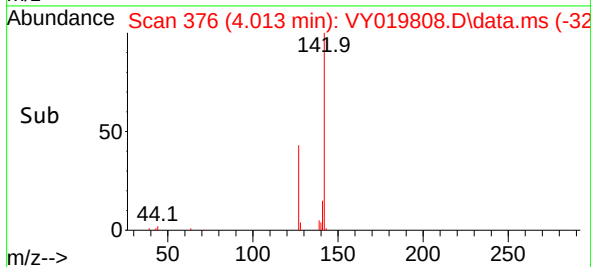
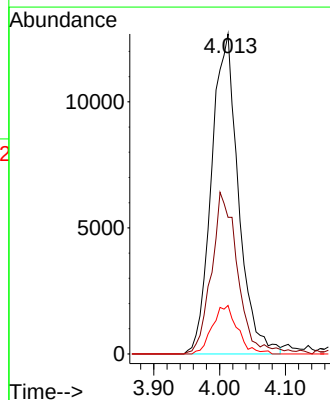
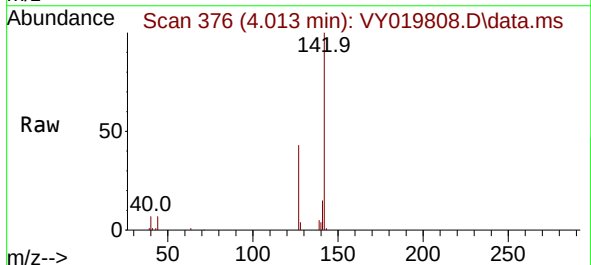
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MSVOA_Y
ClientSampleId :

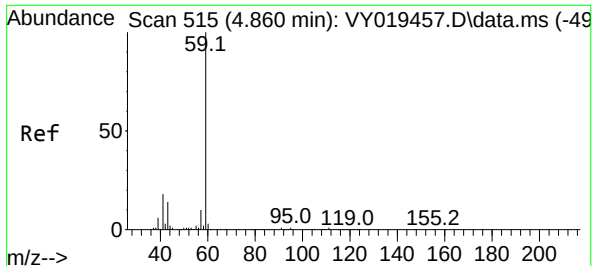
Tgt Ion:101 Resp: 44586
Ion Ratio Lower Upper
101 100
85 47.5 34.5 51.7
151 72.6 61.7 92.5



#10
Methyl Iodide
Concen: 12.668 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion:142 Resp: 36150
Ion Ratio Lower Upper
142 100
127 49.3 32.8 49.2#
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 135.570 ug/l

RT: 4.878 min Scan# 51

Delta R.T. 0.019 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

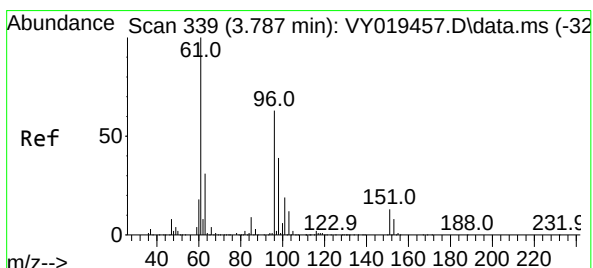
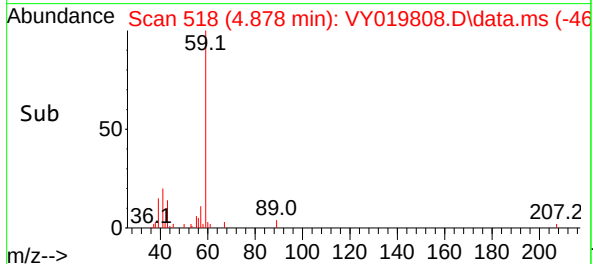
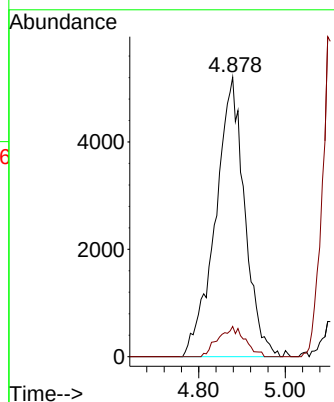
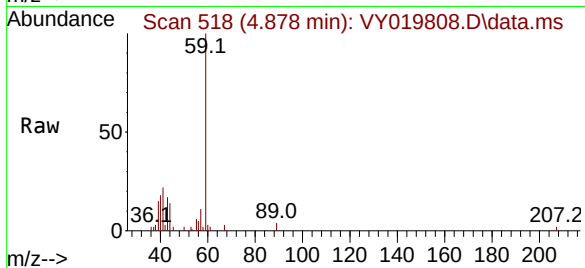
ClientSampleId :

Tgt Ion: 59 Resp: 24459

Ion Ratio Lower Upper

59 100

57 9.8 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 16.058 ug/l

RT: 3.793 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

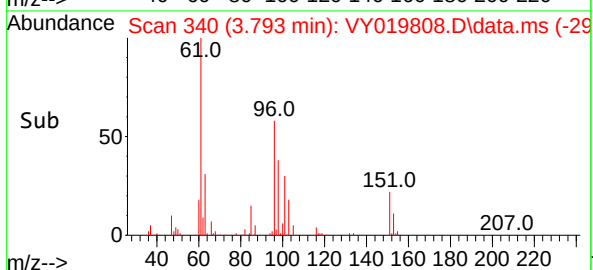
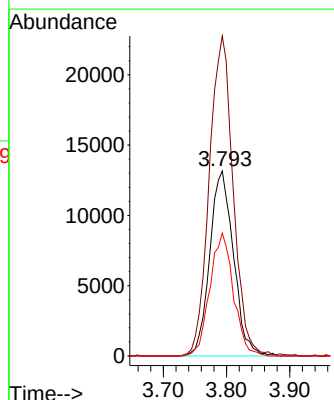
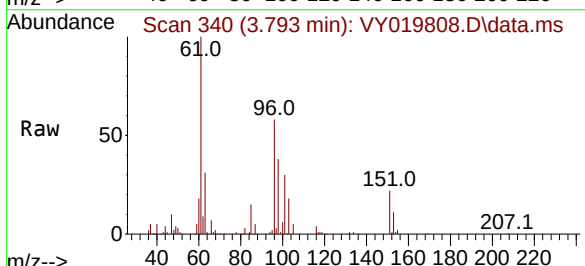
Tgt Ion: 96 Resp: 34373

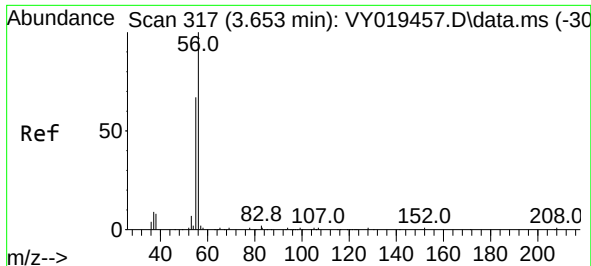
Ion Ratio Lower Upper

96 100

61 173.0 114.6 171.8#

98 66.5 50.8 76.2





#13

Acrolein

Concen: 77.659 ug/l

RT: 3.659 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

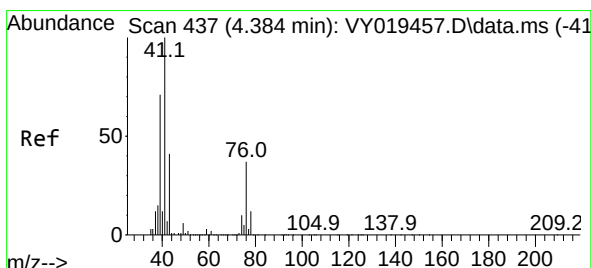
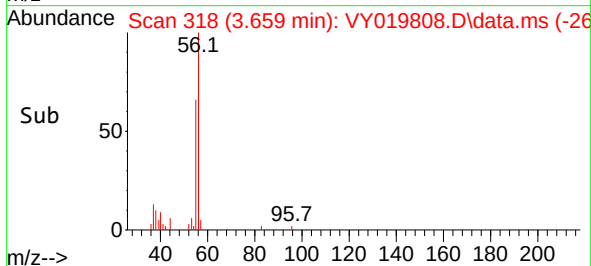
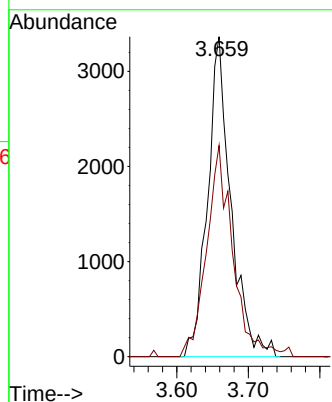
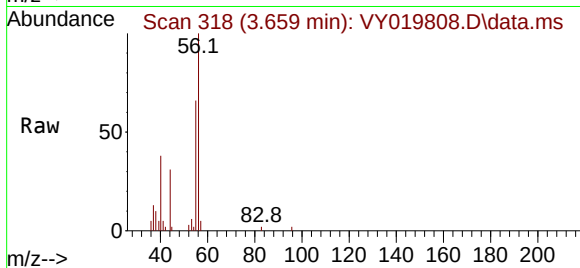
ClientSampleId :

Tgt Ion: 56 Resp: 7603

Ion Ratio Lower Upper

56 100

55 74.1 55.7 83.5



#14

Allyl chloride

Concen: 17.870 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

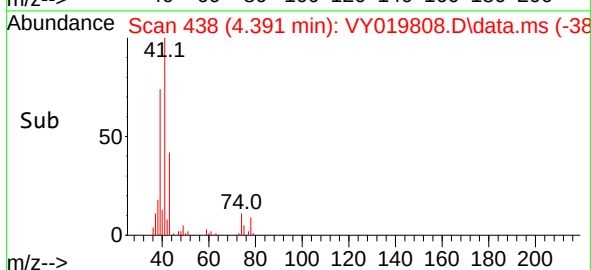
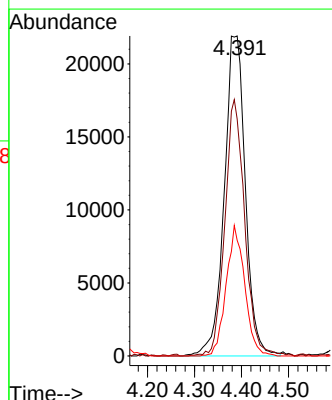
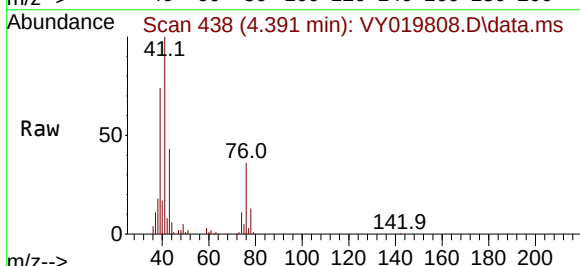
Tgt Ion: 41 Resp: 68595

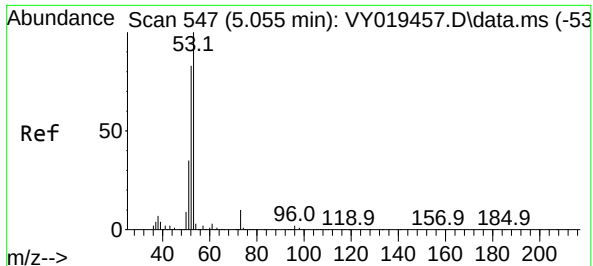
Ion Ratio Lower Upper

41 100

39 75.3 58.3 87.5

76 35.8 39.0 58.6#

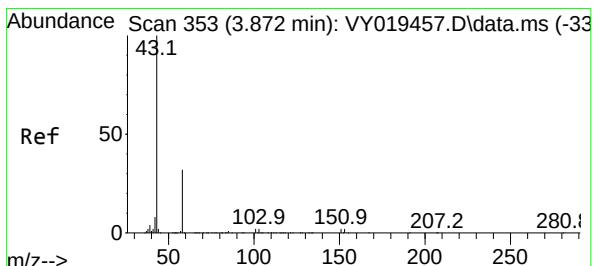
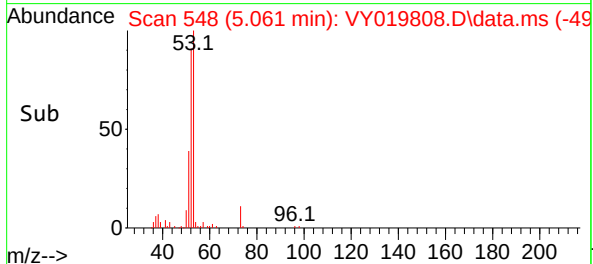
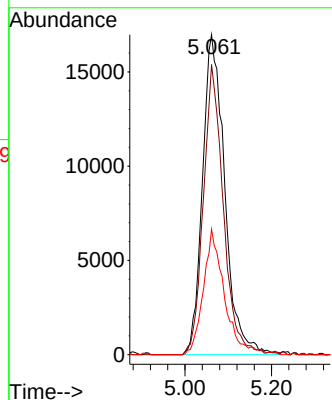
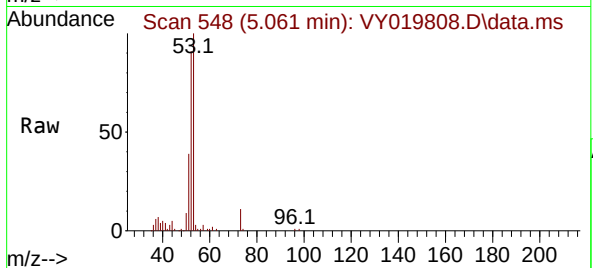




#15
Acrylonitrile
Concen: 116.101 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

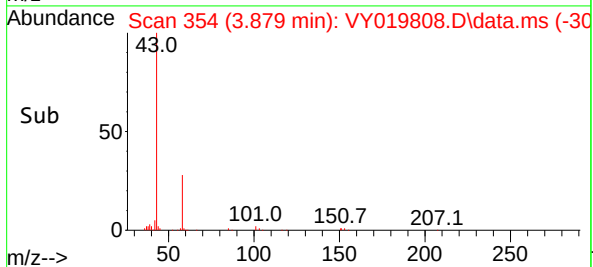
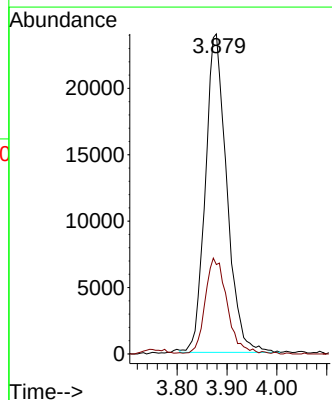
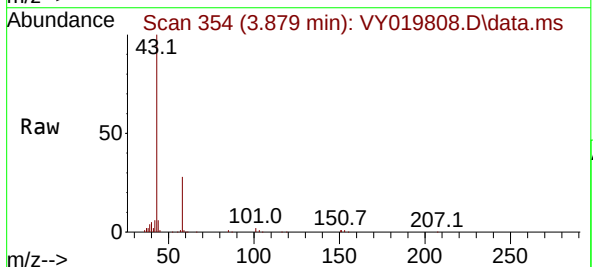
Instrument :
MSVOA_Y
ClientSampleId :

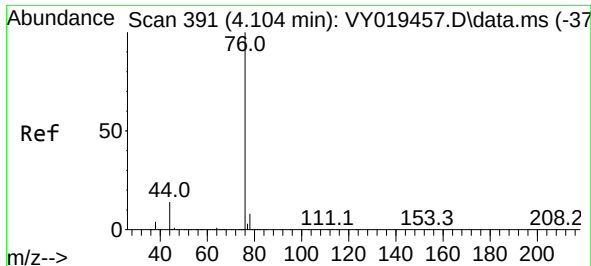
Tgt Ion: 53 Resp: 60461
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 37.0 28.4 42.6



#16
Acetone
Concen: 134.587 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 43 Resp: 71631
Ion Ratio Lower Upper
43 100
58 28.1 31.7 47.5#

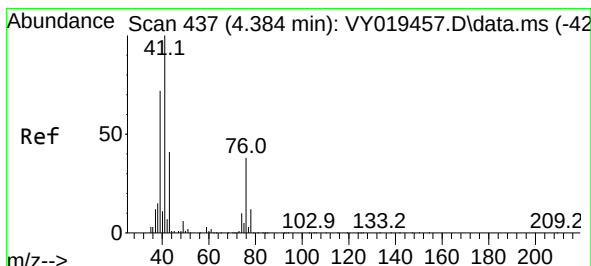
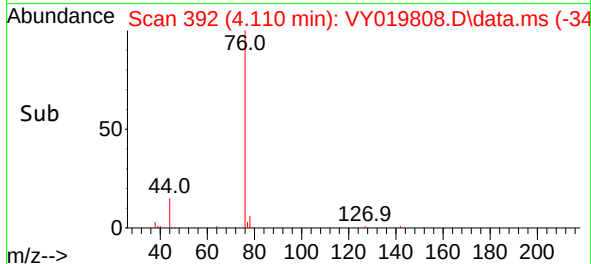
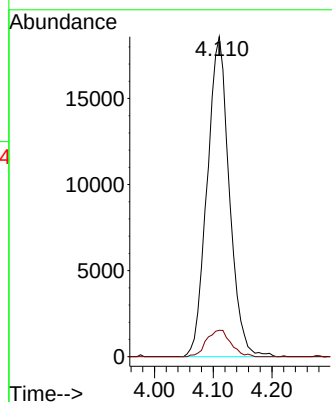
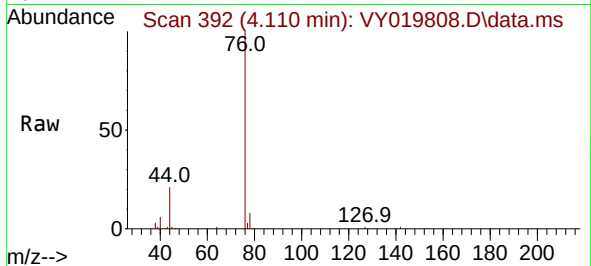




#17
Carbon Disulfide
Concen: 8.426 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

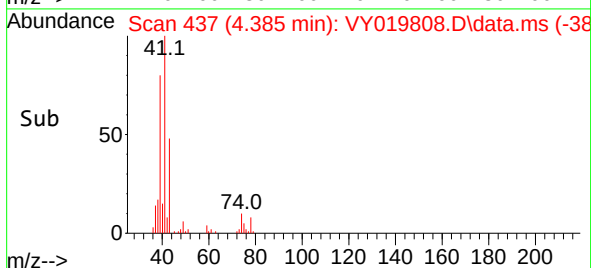
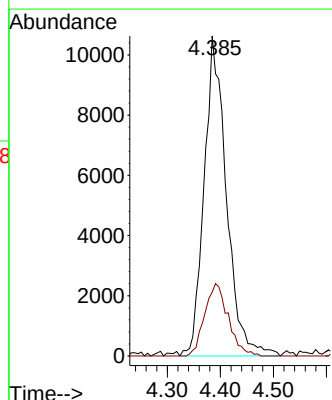
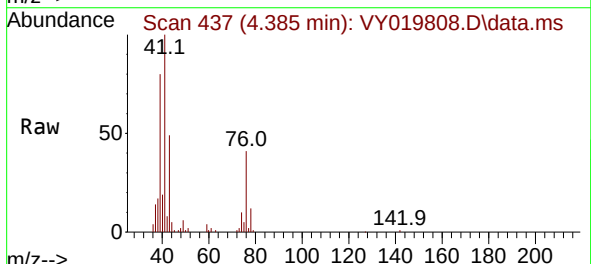
Instrument :
MSVOA_Y
ClientSampleId :

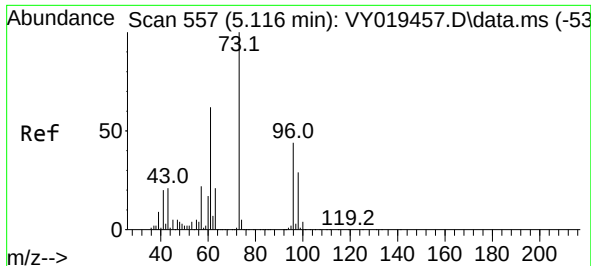
Tgt Ion: 76 Resp: 48730
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#18
Methyl Acetate
Concen: 21.484 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 43 Resp: 31031
Ion Ratio Lower Upper
43 100
74 23.9 23.3 34.9

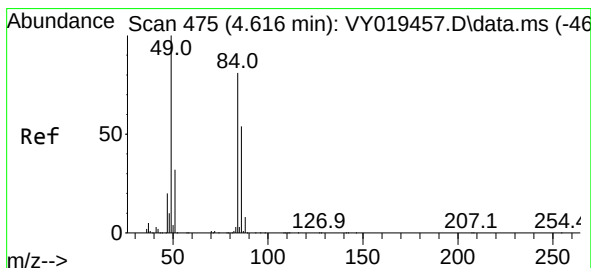
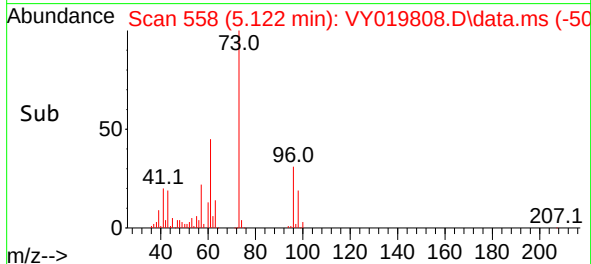
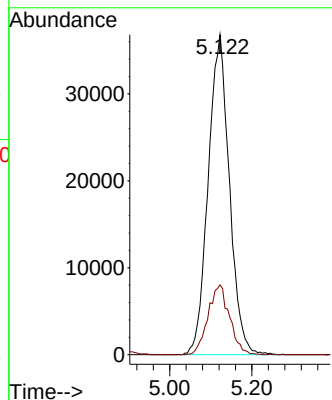
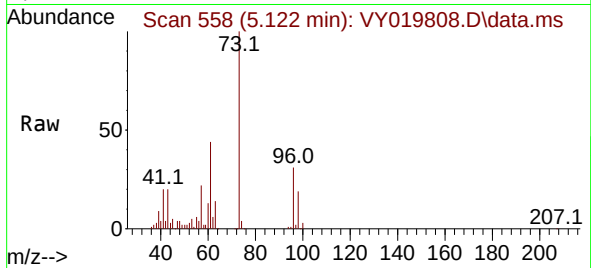




#19
Methyl tert-butyl Ether
Concen: 21.720 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

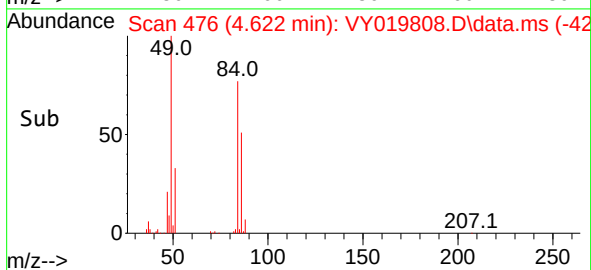
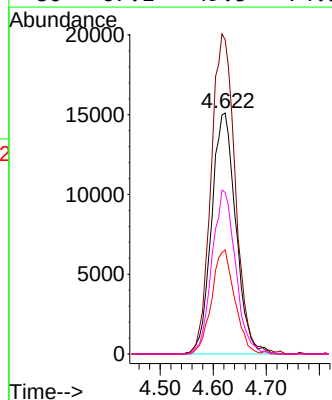
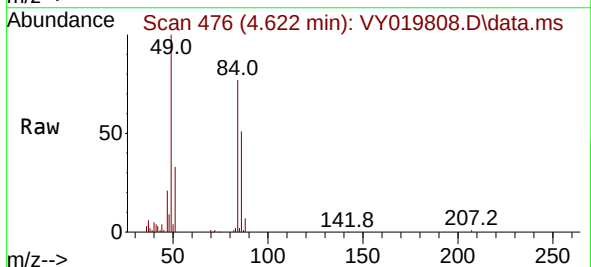
Instrument :
MSVOA_Y
ClientSampleId :

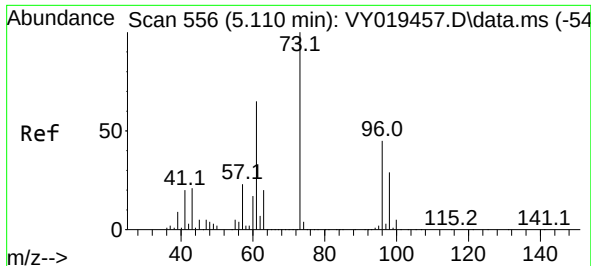
Tgt Ion: 73 Resp: 131679
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 19.776 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

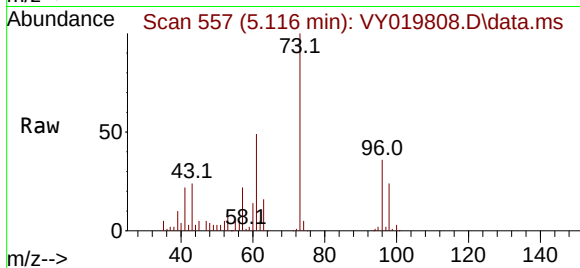
Tgt Ion: 84 Resp: 48000
Ion Ratio Lower Upper
84 100
49 130.4 84.4 126.6#
51 43.1 26.0 39.0#
86 67.1 49.5 74.3



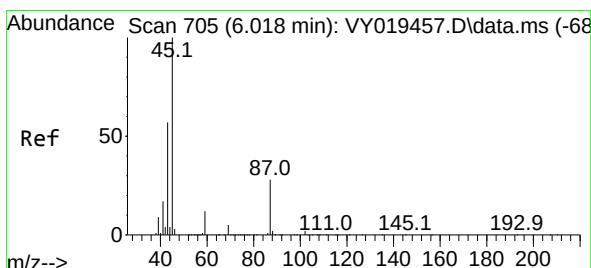
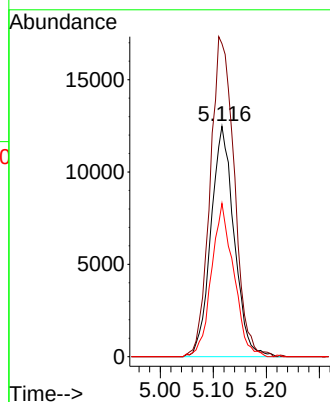
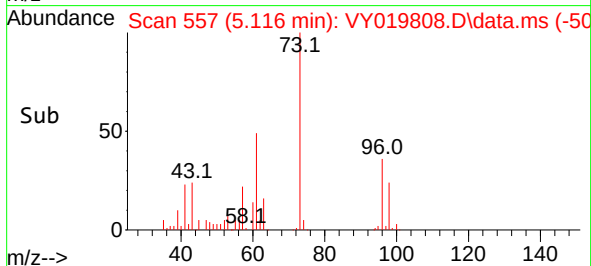


#21
trans-1,2-Dichloroethene
Concen: 16.167 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Instrument :
MSVOA_Y
ClientSampleId :

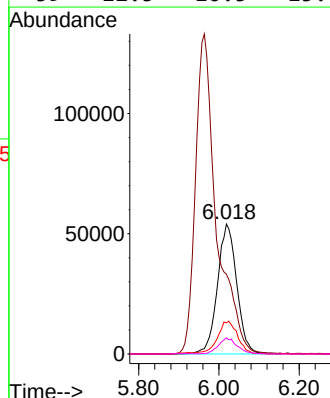
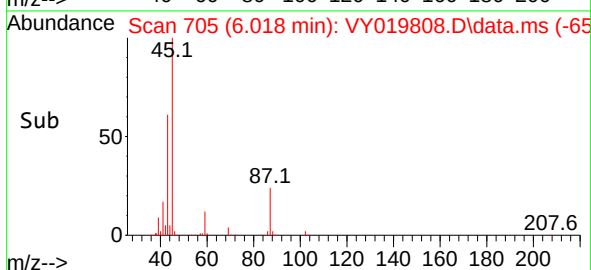
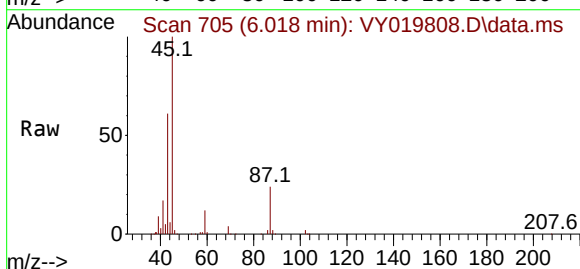


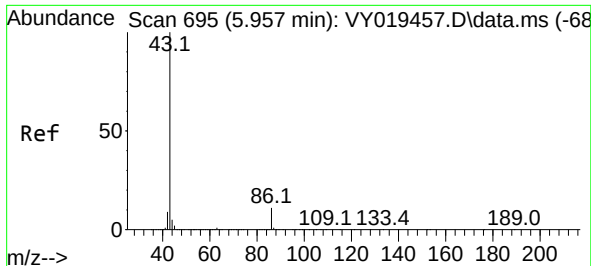
Tgt Ion: 96 Resp: 37932
Ion Ratio Lower Upper
96 100
61 135.8 97.5 146.3
98 66.5 50.5 75.7



#22
Diisopropyl ether
Concen: 22.921 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 45 Resp: 180677
Ion Ratio Lower Upper
45 100
43 60.6 42.2 63.2
87 24.1 25.0 37.6#
59 12.5 10.5 15.7

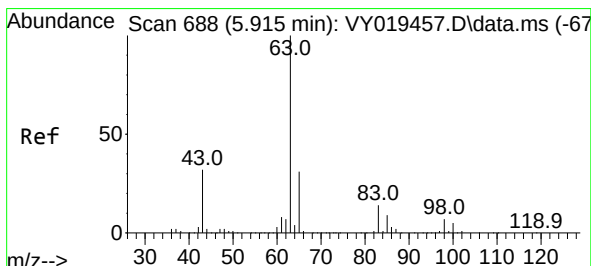
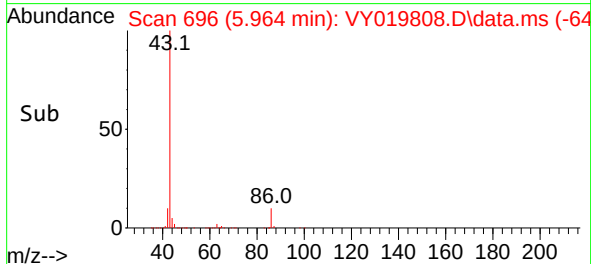
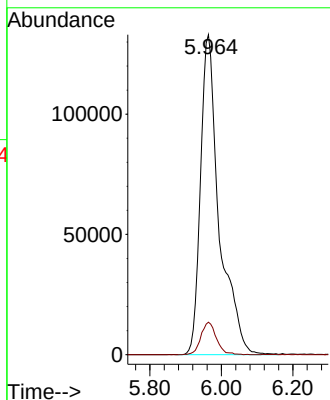
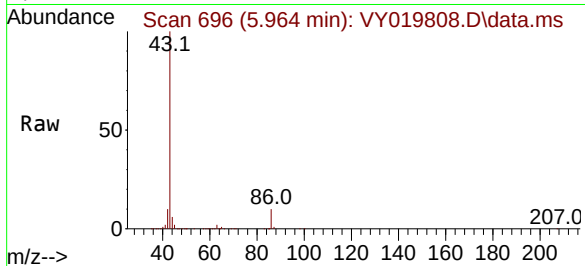




#23
 Vinyl Acetate
 Concen: 107.309 ug/l
 RT: 5.964 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

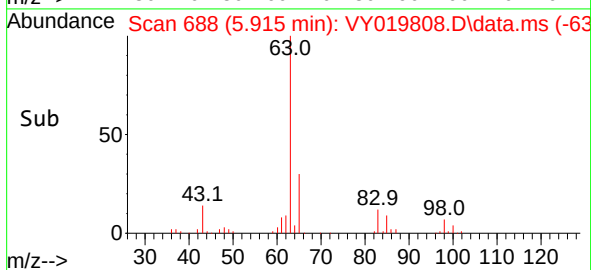
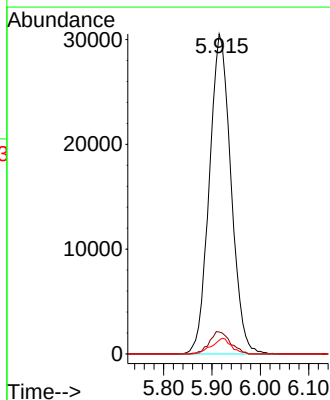
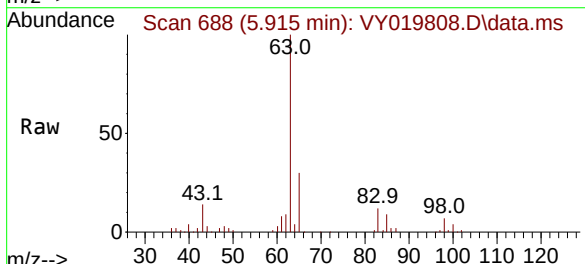
Instrument :
 MSVOA_Y
 ClientSampleId :

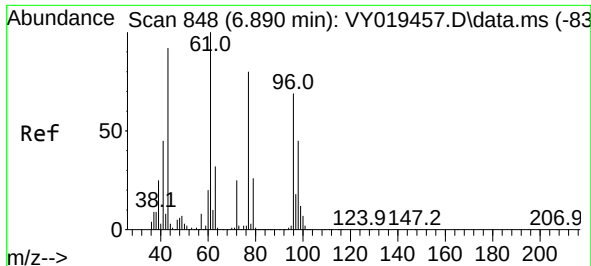
Tgt Ion: 43 Resp: 483157
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 21.467 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

Tgt Ion: 63 Resp: 94953
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.3 2.6 8.0

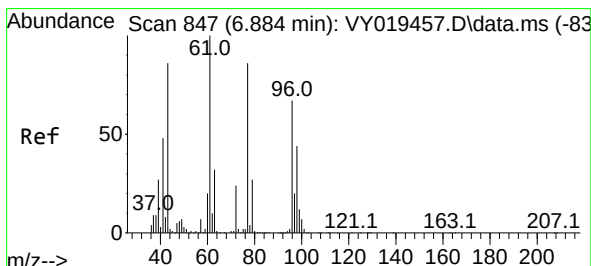
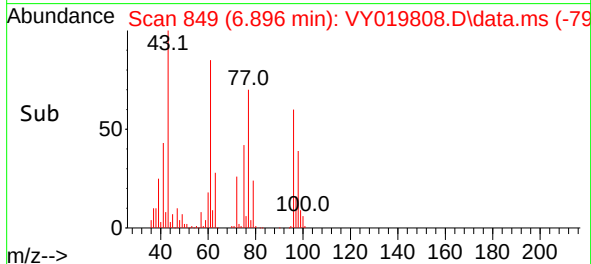
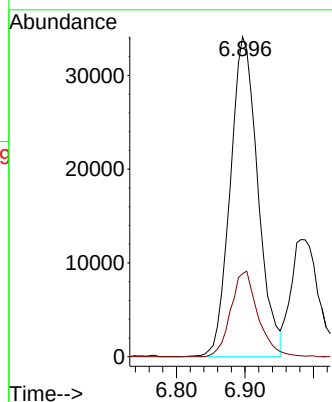
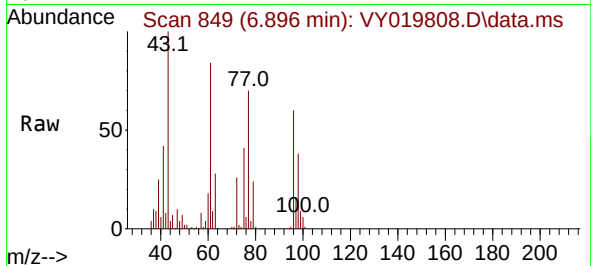




#25
2-Butanone
Concen: 126.364 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

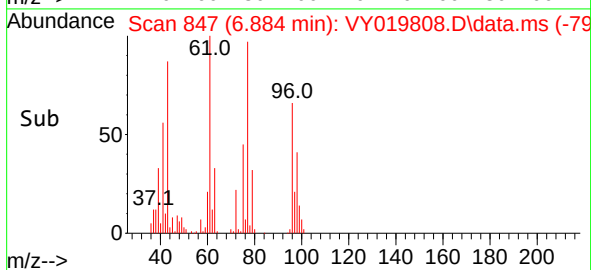
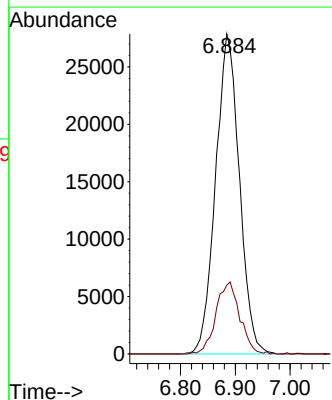
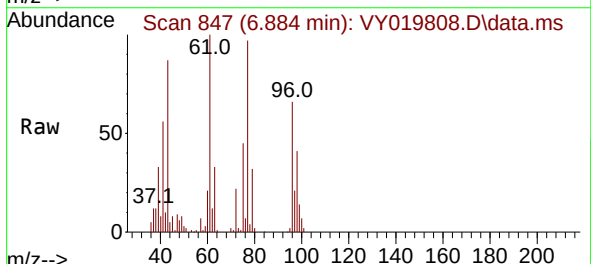
Instrument :
MSVOA_Y
ClientSampleId :

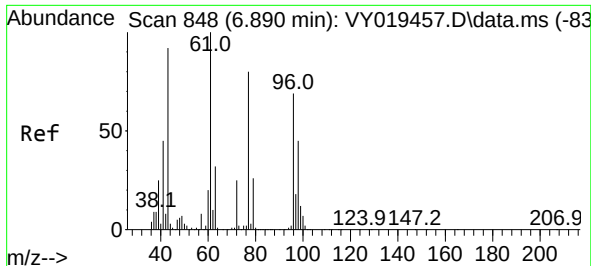
Tgt Ion: 43 Resp: 95653
Ion Ratio Lower Upper
43 100
72 25.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 21.055 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

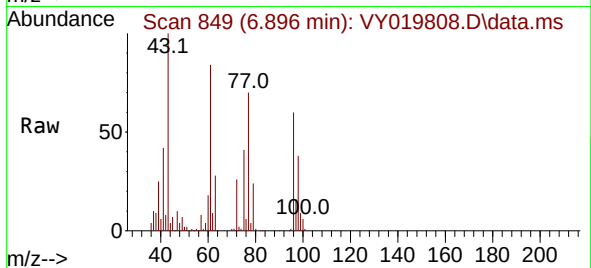
Tgt Ion: 77 Resp: 84009
Ion Ratio Lower Upper
77 100
97 22.6 12.0 36.1



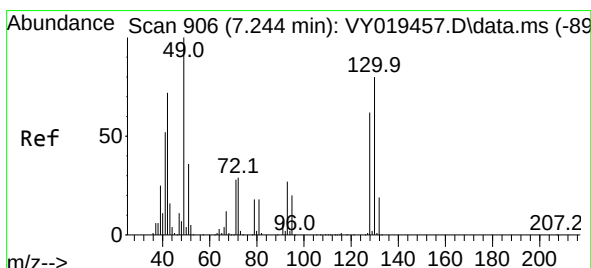
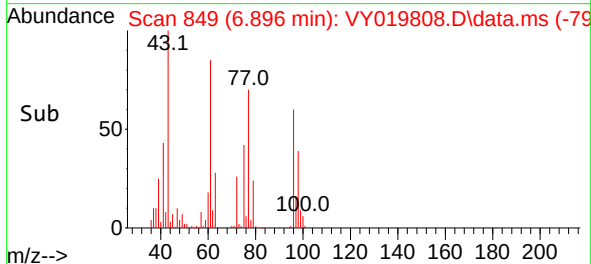
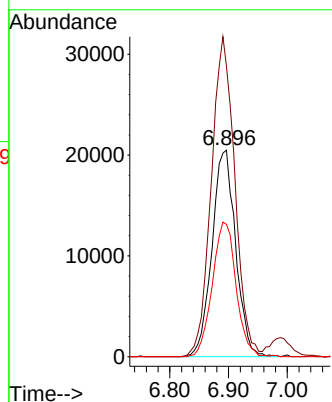


#27
 cis-1,2-Dichloroethene
 Concen: 20.116 ug/l
 RT: 6.896 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

Instrument :
 MSVOA_Y
 ClientSampleId :

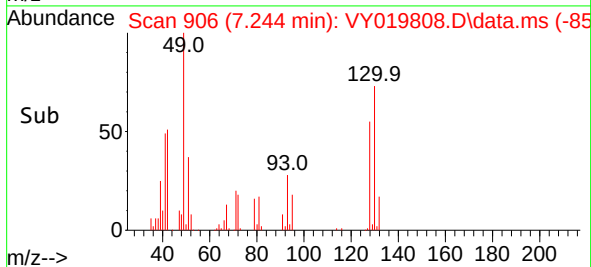
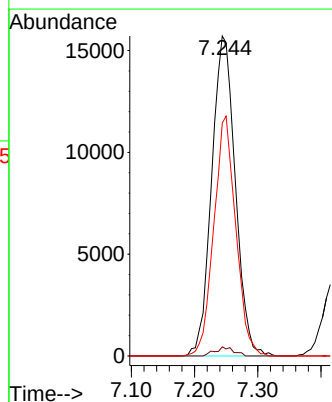
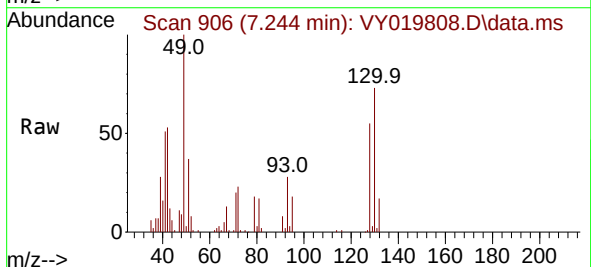


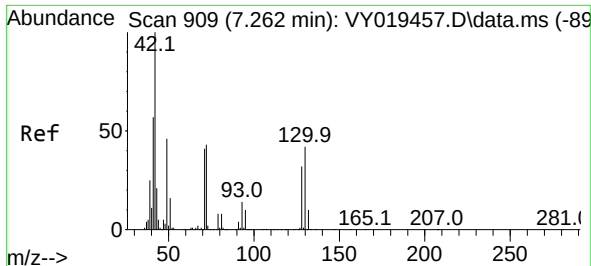
Tgt Ion: 96 Resp: 57331
 Ion Ratio Lower Upper
 96 100
 61 154.0 0.0 256.2
 98 65.3 0.0 130.0



#28
 Bromochloromethane
 Concen: 21.924 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

Tgt Ion: 49 Resp: 40802
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 69.6 72.7 109.1#





#29

Tetrahydrofuran

Concen: 104.438 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

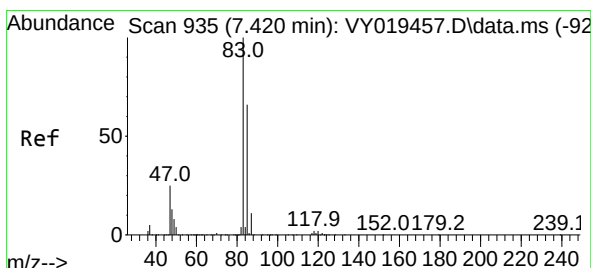
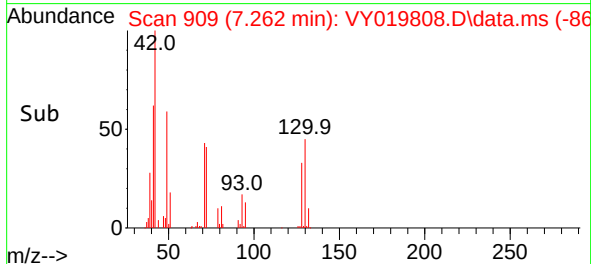
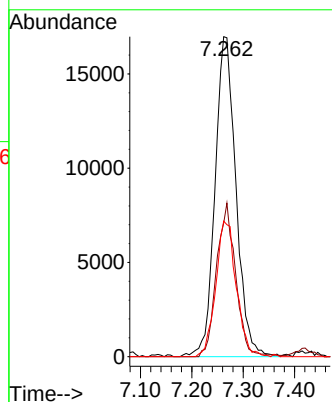
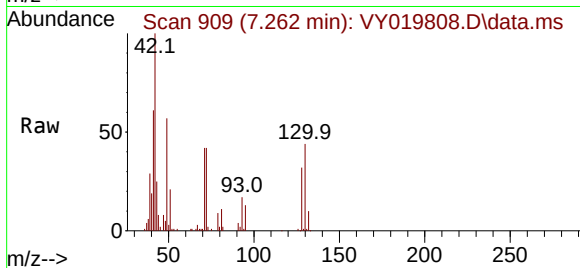
Tgt Ion: 42 Resp: 48067

Ion Ratio Lower Upper

42 100

72 43.8 43.0 64.4

71 41.6 40.8 61.2



#30

Chloroform

Concen: 22.814 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY019808.D

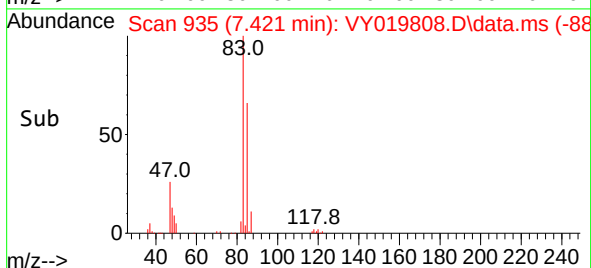
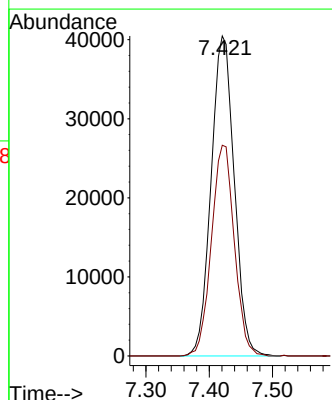
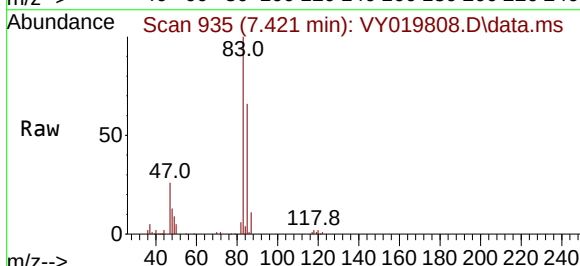
Acq: 07 Oct 2024 13:53

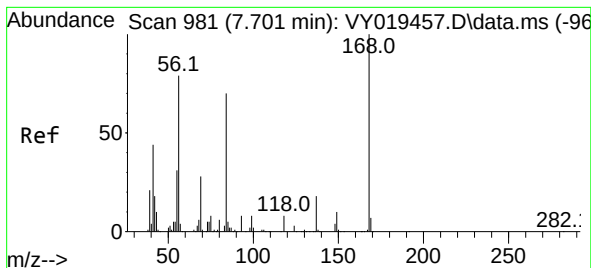
Tgt Ion: 83 Resp: 103015

Ion Ratio Lower Upper

83 100

85 65.9 52.2 78.4





#31

Cyclohexane

Concen: 15.378 ug/l

RT: 7.701 min Scan# 91

Delta R.T. 0.000 min

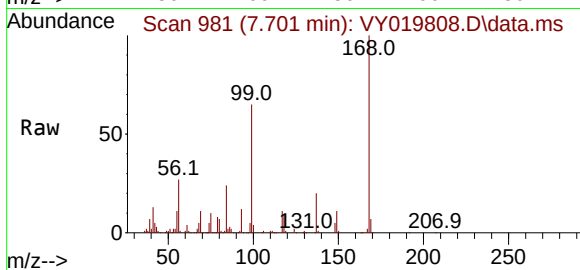
Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :



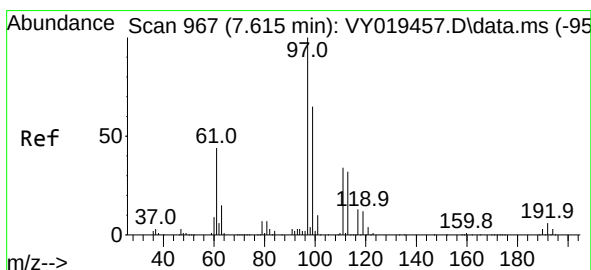
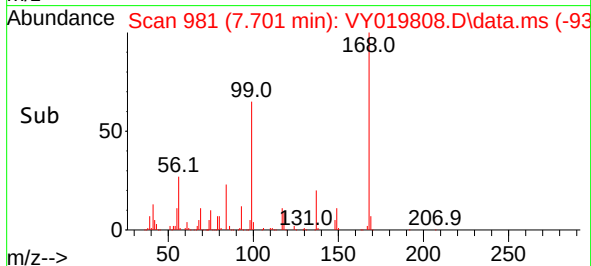
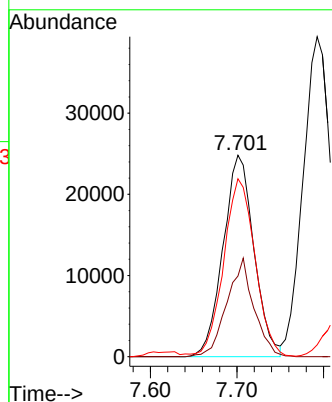
Tgt Ion: 56 Resp: 61483

Ion Ratio Lower Upper

56 100

69 40.0 28.7 43.1

84 87.3 77.7 116.5



#32

1,1,1-Trichloroethane

Concen: 21.207 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

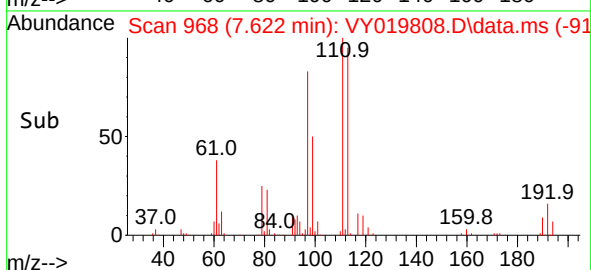
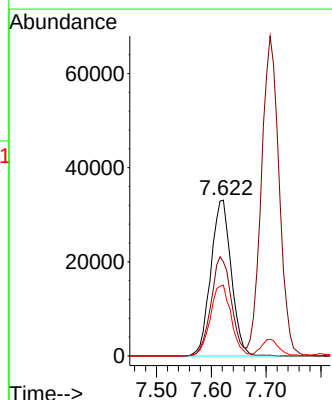
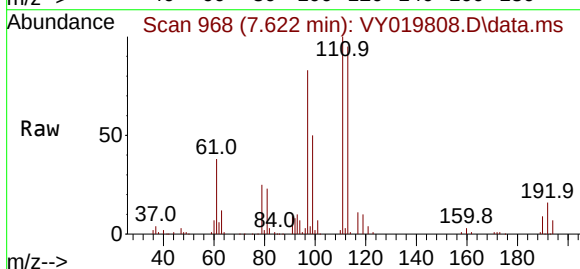
Tgt Ion: 97 Resp: 85832

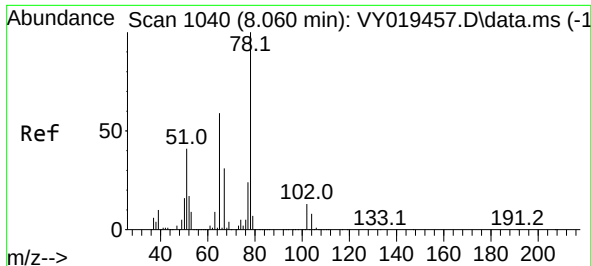
Ion Ratio Lower Upper

97 100

99 63.5 50.3 75.5

61 46.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 61.356 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

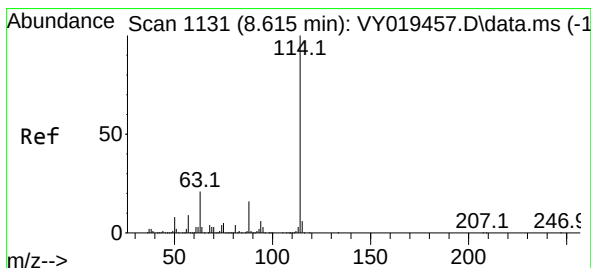
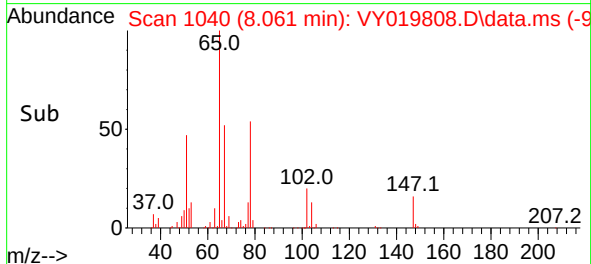
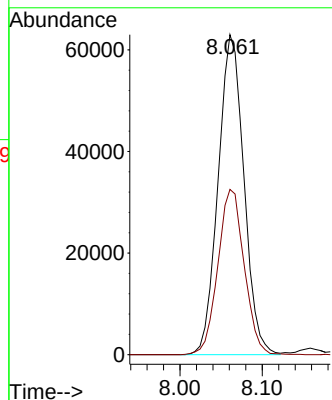
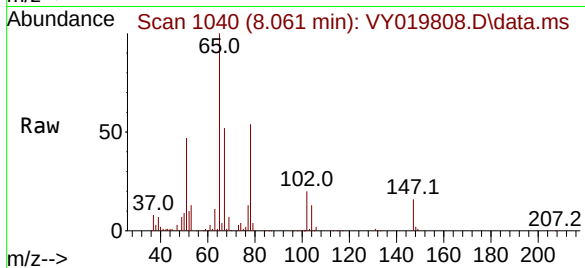
ClientSampleId :

Tgt Ion: 65 Resp: 137072

Ion Ratio Lower Upper

65 100

67 52.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

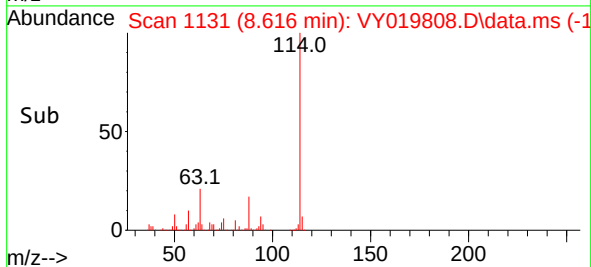
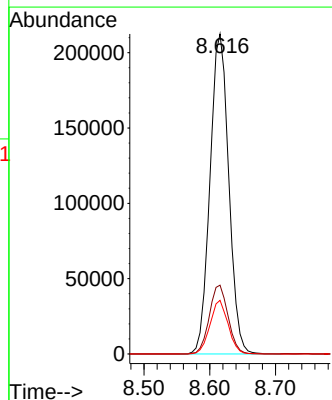
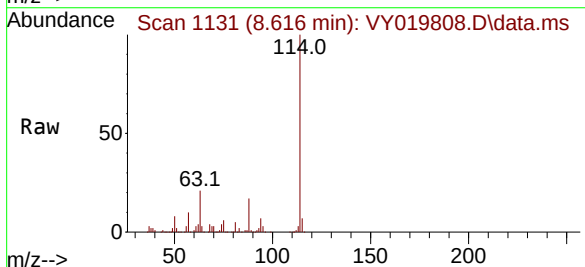
Tgt Ion: 114 Resp: 421015

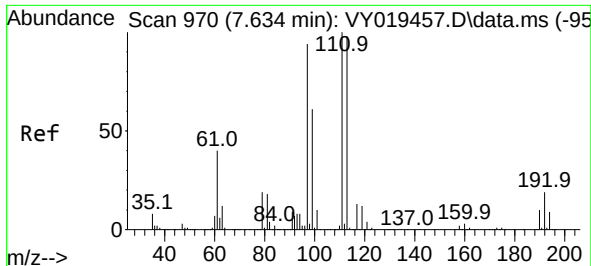
Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.0

88 16.7 0.0 27.2

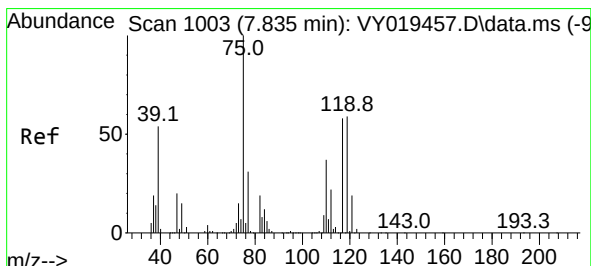
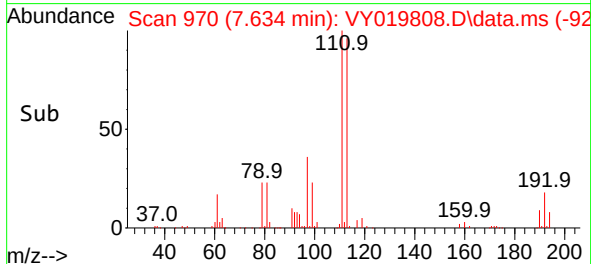
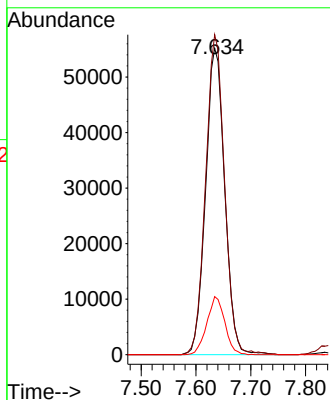
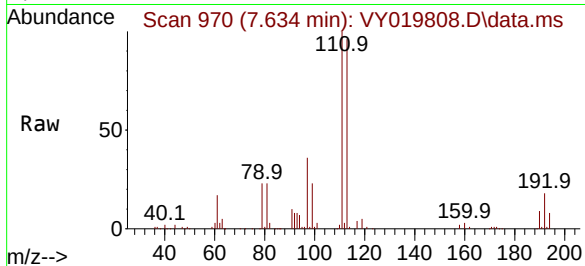




#35
Dibromofluoromethane
Concen: 55.840 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

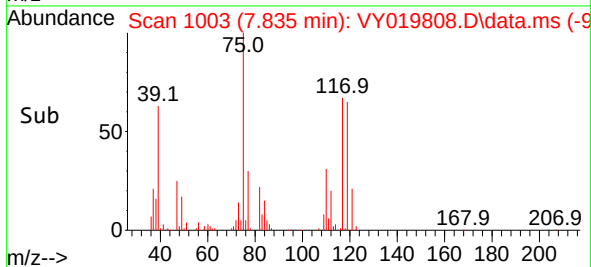
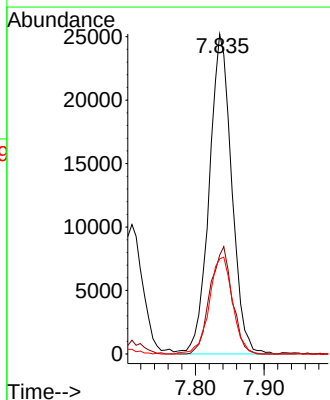
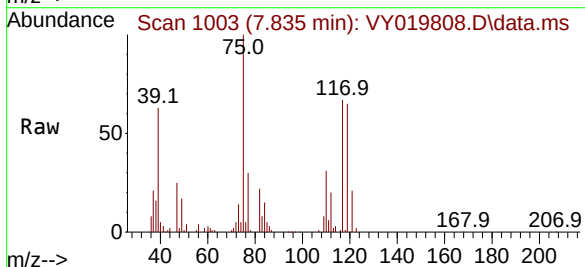
Instrument :
MSVOA_Y
ClientSampleId :

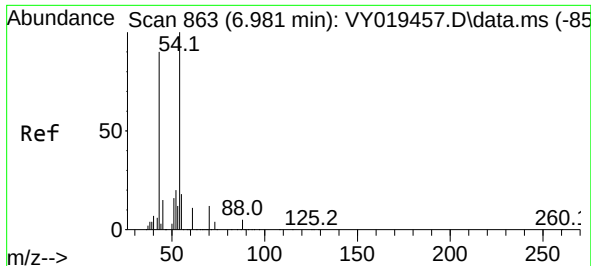
Tgt Ion:113 Resp: 133295
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 17.637 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 75 Resp: 57288
Ion Ratio Lower Upper
75 100
110 32.8 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 22.002 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

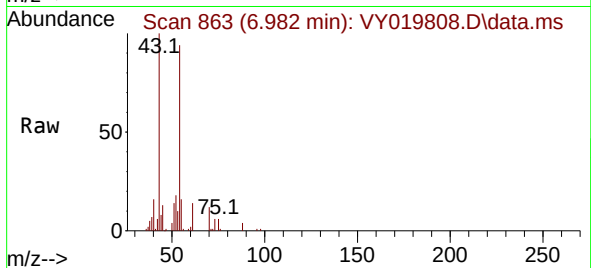
Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :



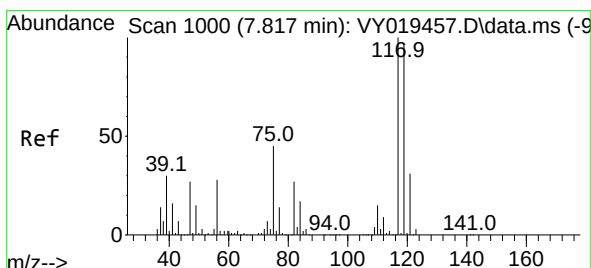
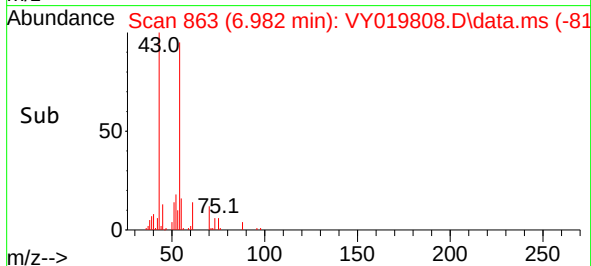
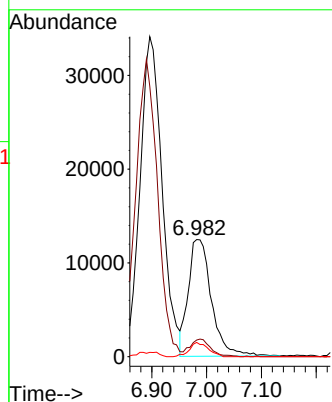
Tgt Ion: 43 Resp: 36617

Ion Ratio Lower Upper

43 100

61 13.2 12.6 19.0

70 9.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 18.742 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

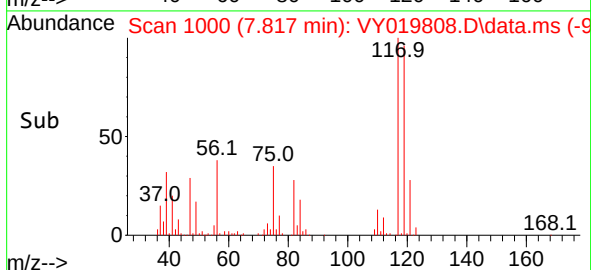
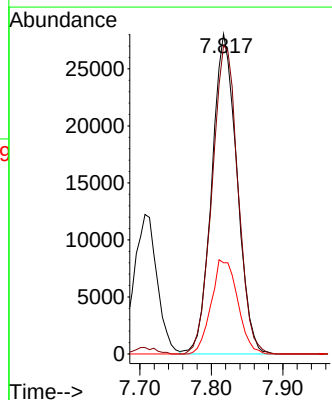
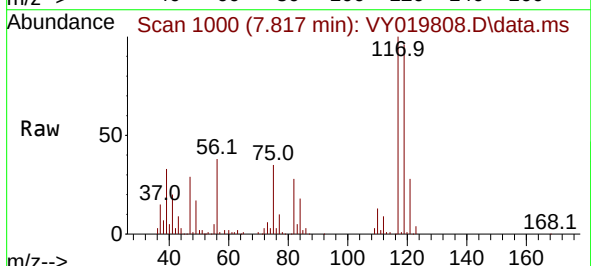
Tgt Ion: 117 Resp: 68650

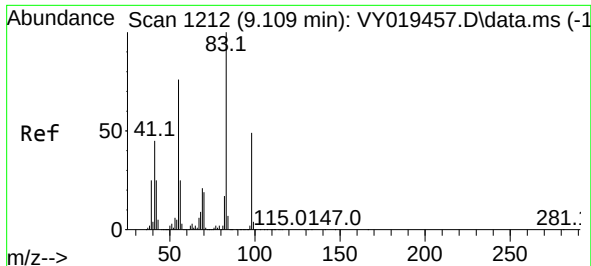
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 28.5 24.0 36.0





#39

Methylcyclohexane

Concen: 14.693 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

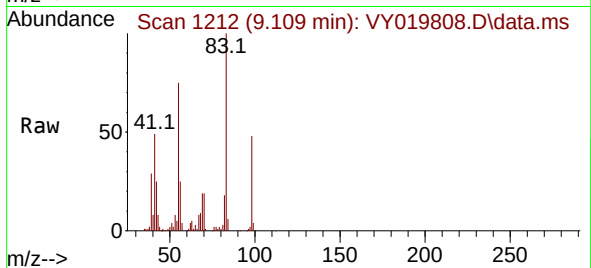
Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

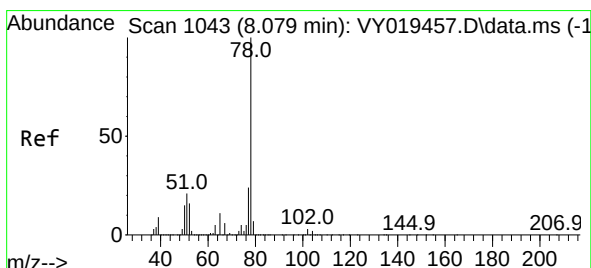
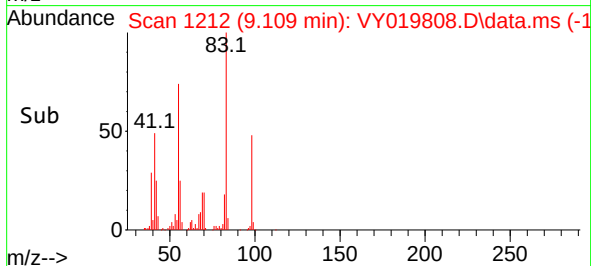
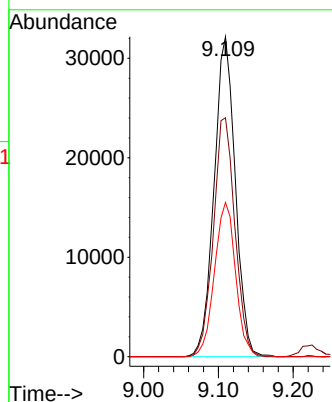
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 83	Resp: 63512
Ion Ratio	Lower Upper
83	100
55	74.7 51.5 77.3
98	48.2 40.5 60.7



#40

Benzene

Concen: 19.029 ug/l

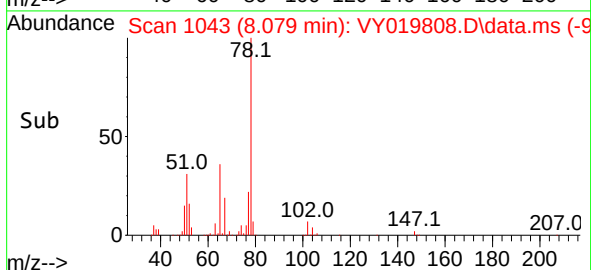
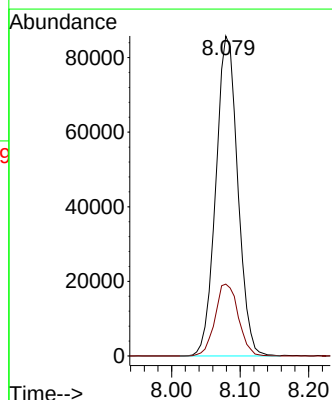
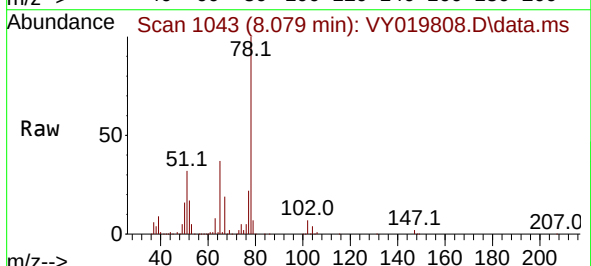
RT: 8.079 min Scan# 1043

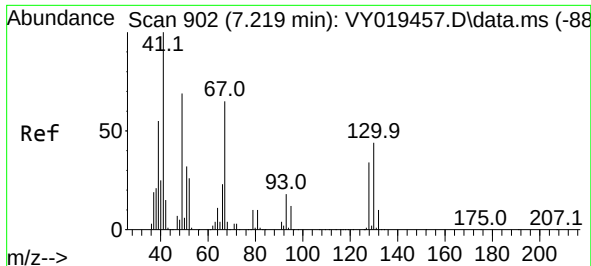
Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

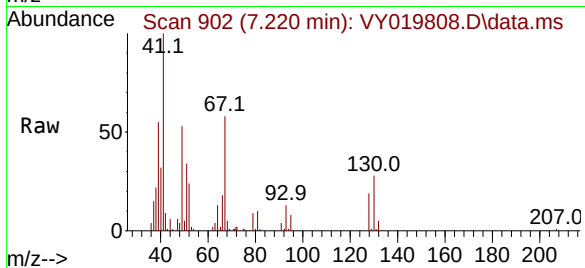
Tgt Ion: 78	Resp: 190371
Ion Ratio	Lower Upper
78	100
77	22.5 19.5 29.3



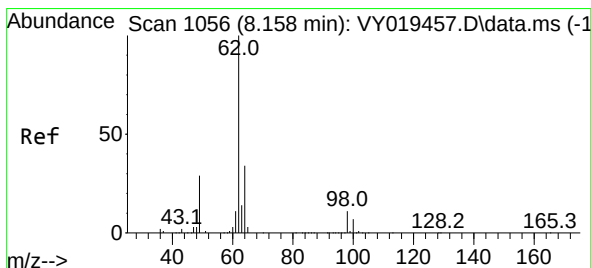
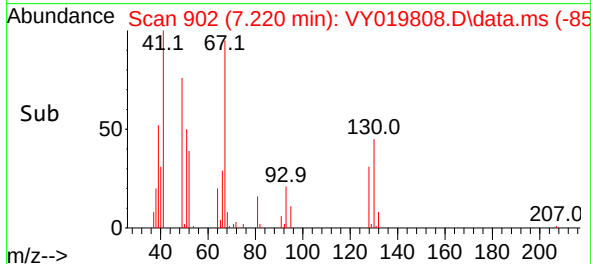
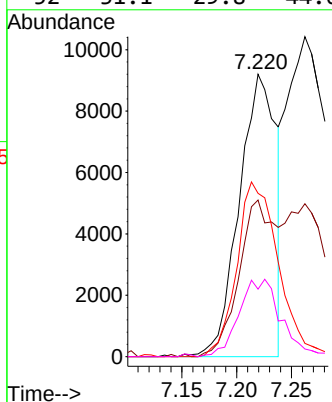


#41
Methacrylonitrile
Concen: 22.252 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Instrument :
MSVOA_Y
ClientSampleId :

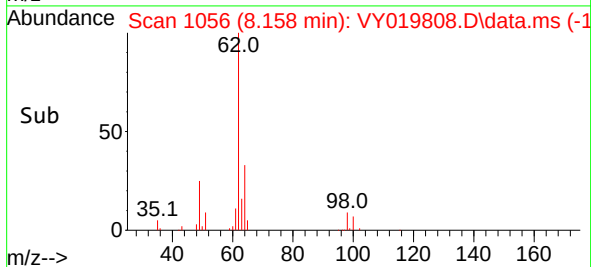
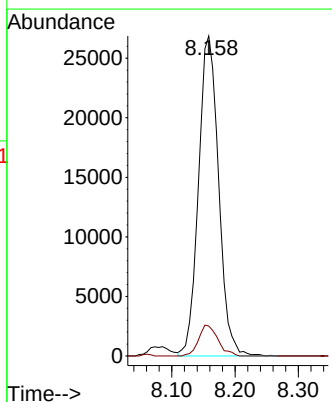
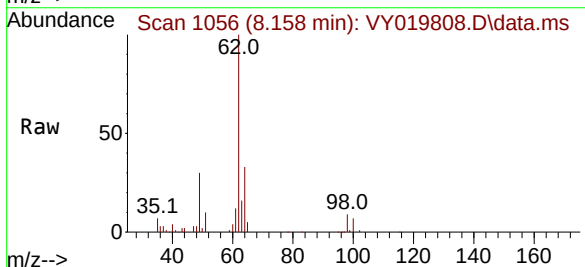


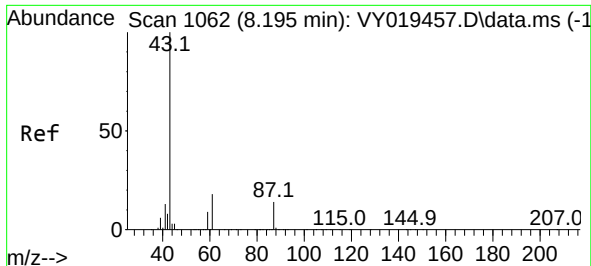
Tgt Ion:	41	Resp:	21587
Ion	Ratio	Lower	Upper
41	100		
39	54.9	48.0	72.0
67	69.6	75.1	112.7#
52	31.1	29.8	44.6



#42
1,2-Dichloroethane
Concen: 22.100 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

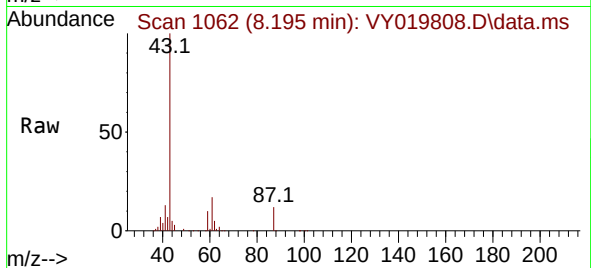
Tgt Ion:	62	Resp:	59495
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	22.0



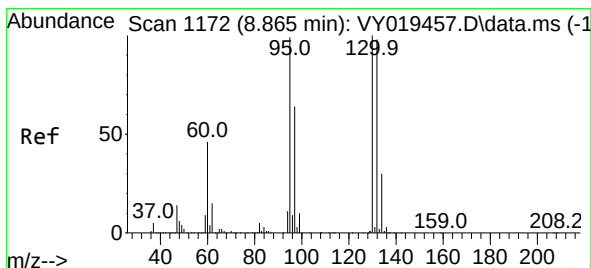
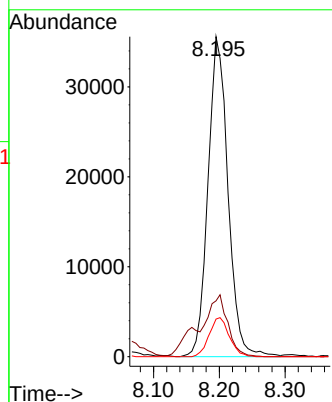
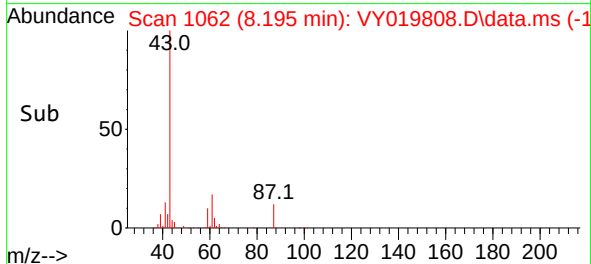


#43
Isopropyl Acetate
Concen: 21.560 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Instrument :
MSVOA_Y
ClientSampleId :

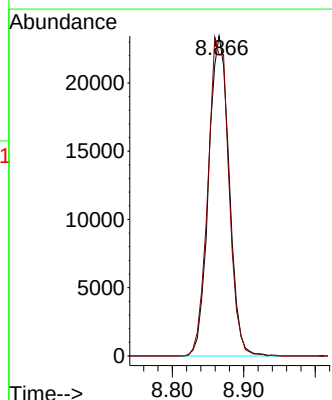
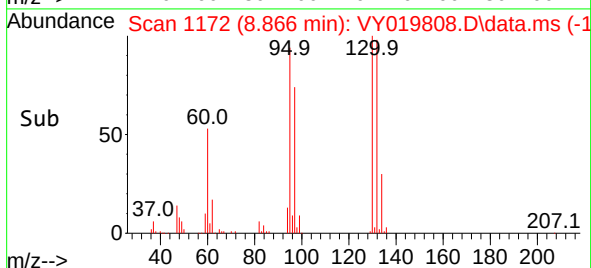
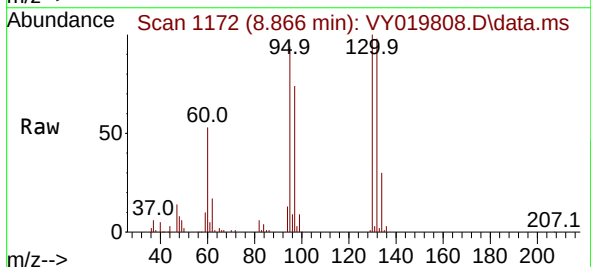


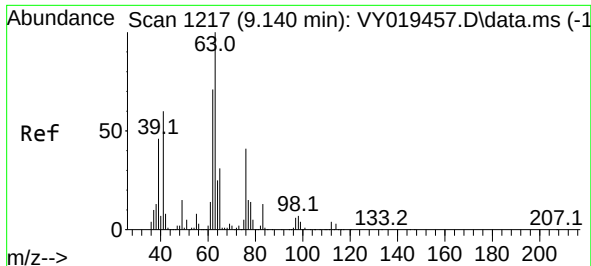
Tgt Ion: 43 Resp: 75383
Ion Ratio Lower Upper
43 100
61 19.4 27.9 41.9#
87 12.3 13.1 19.7#



#44
Trichloroethene
Concen: 18.170 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion:130 Resp: 46749
Ion Ratio Lower Upper
130 100
95 94.0 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.359 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

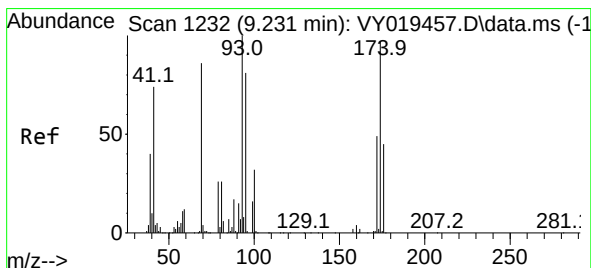
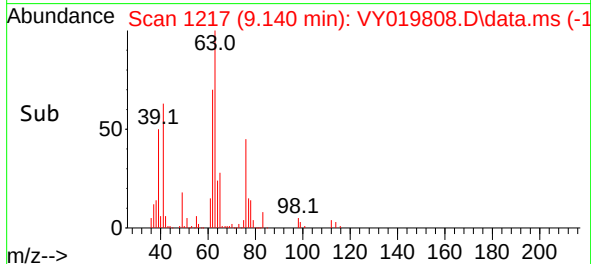
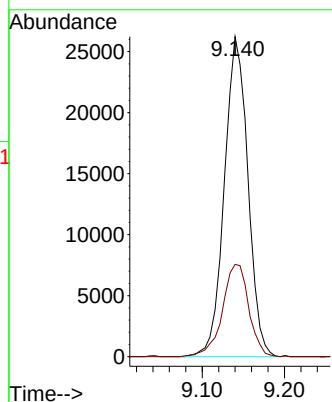
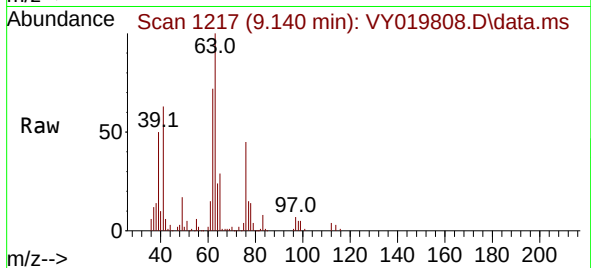
ClientSampleId :

Tgt Ion: 63 Resp: 52240

Ion Ratio Lower Upper

63 100

65 28.8 25.4 38.2



#46

Dibromomethane

Concen: 20.780 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

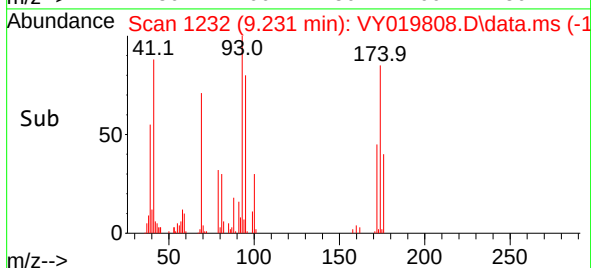
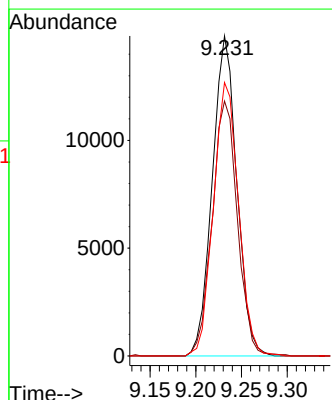
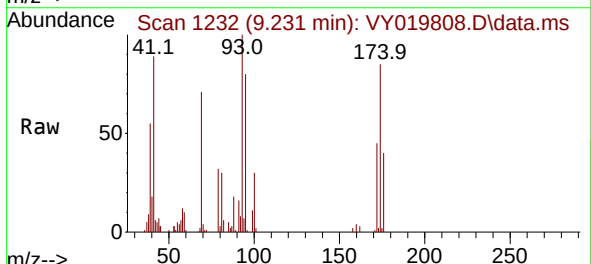
Tgt Ion: 93 Resp: 27793

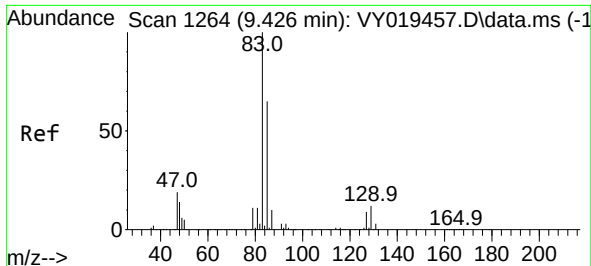
Ion Ratio Lower Upper

93 100

95 81.9 66.2 99.4

174 87.5 80.9 121.3

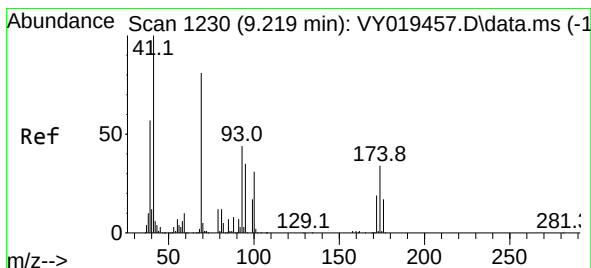
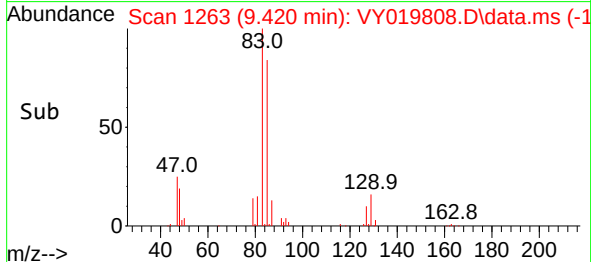
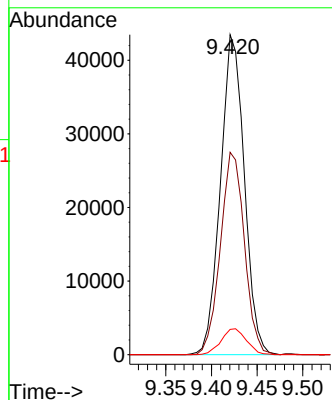
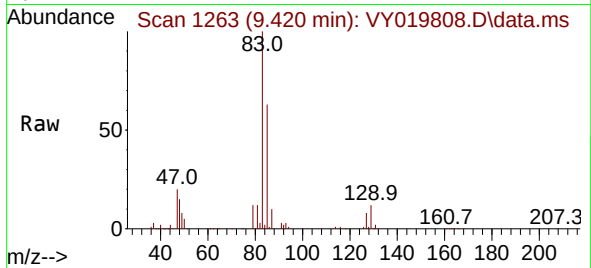




#47
Bromodichloromethane
Concen: 21.951 ug/l
RT: 9.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

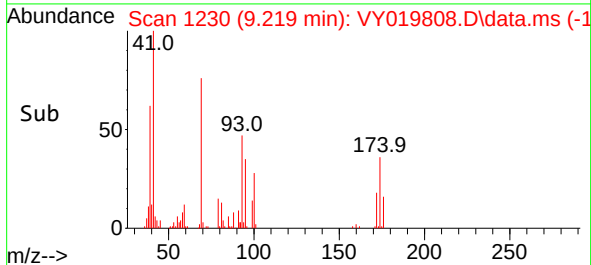
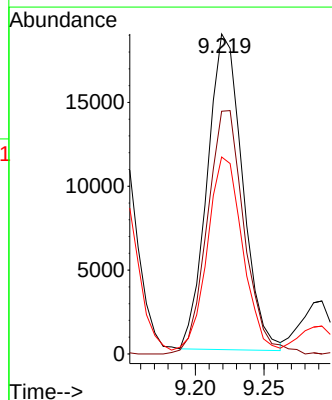
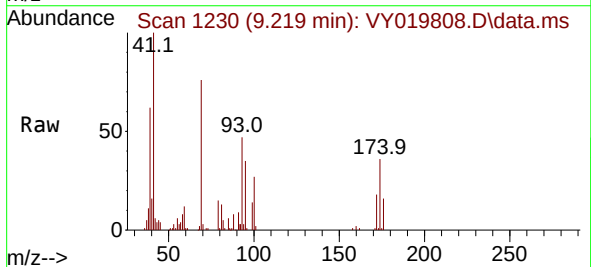
Instrument :
MSVOA_Y
ClientSampleId :

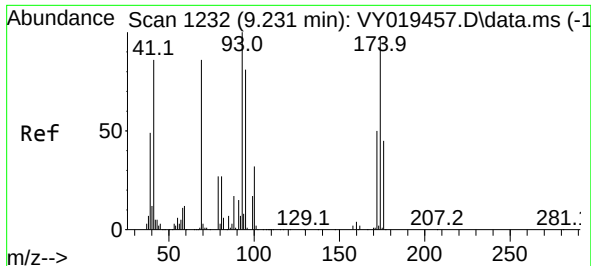
Tgt Ion: 83 Resp: 78920
Ion Ratio Lower Upper
83 100
85 63.2 50.1 75.1
127 7.9 7.4 11.0



#48
Methyl methacrylate
Concen: 20.380 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 41 Resp: 33650
Ion Ratio Lower Upper
41 100
69 81.0 84.1 126.1#
39 63.1 43.6 65.4





#49

1,4-Dioxane

Concen: 414.917 ug/l

RT: 9.231 min Scan# 11

Delta R.T. 0.000 min

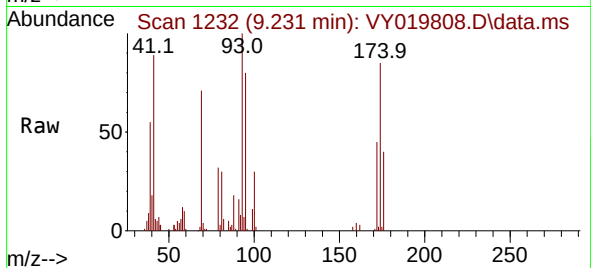
Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :



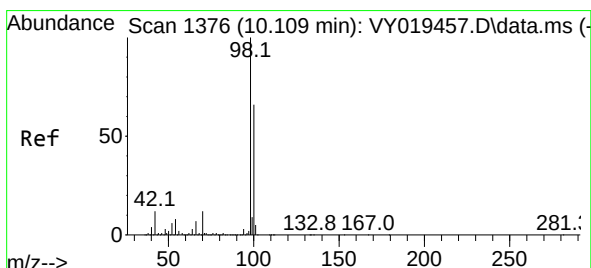
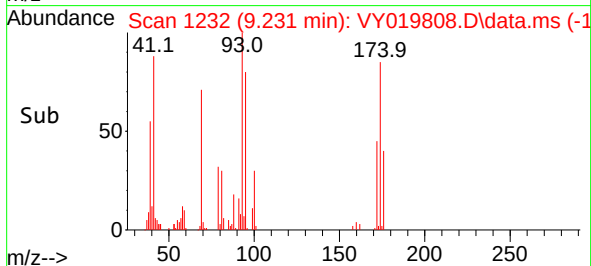
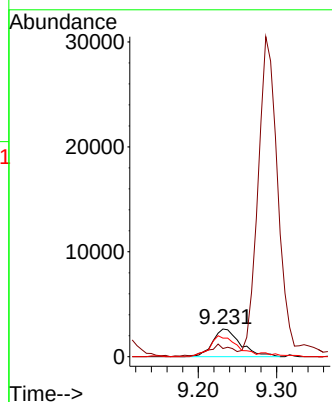
Tgt Ion: 88 Resp: 6533

Ion Ratio Lower Upper

88 100

43 38.1 0.0 0.0#

58 82.8 49.3 73.9#



#50

Toluene-d8

Concen: 53.881 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019808.D

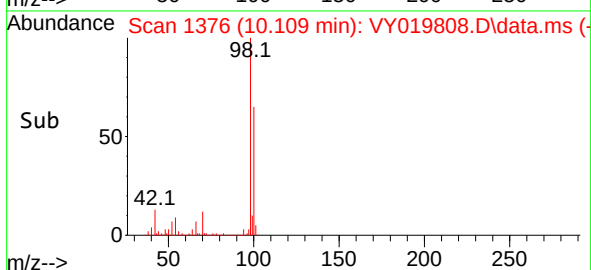
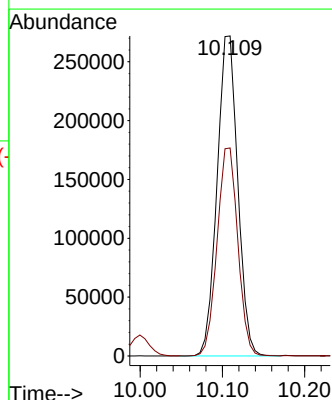
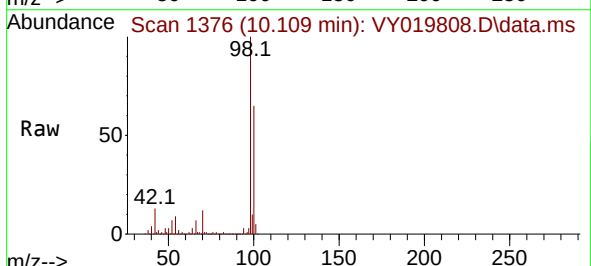
Acq: 07 Oct 2024 13:53

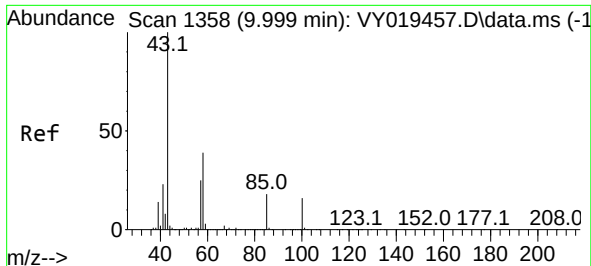
Tgt Ion: 98 Resp: 475728

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 110.838 ug/l

RT: 9.999 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

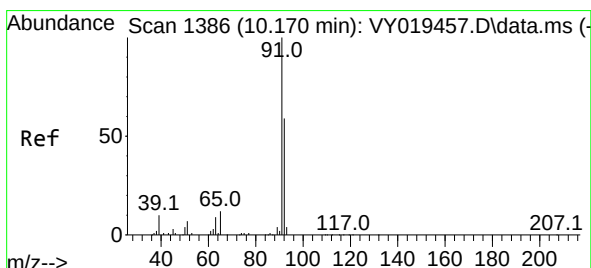
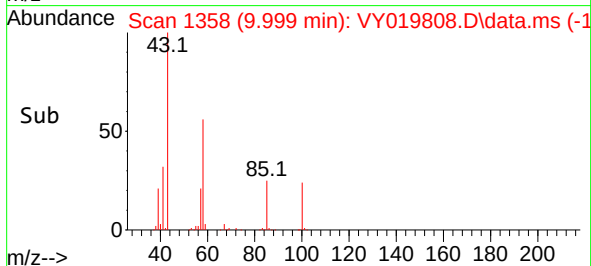
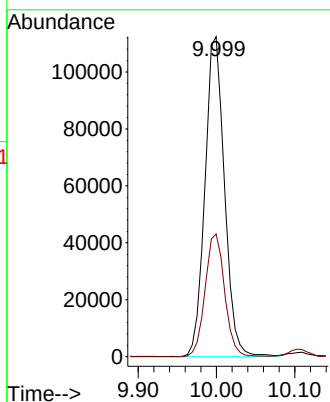
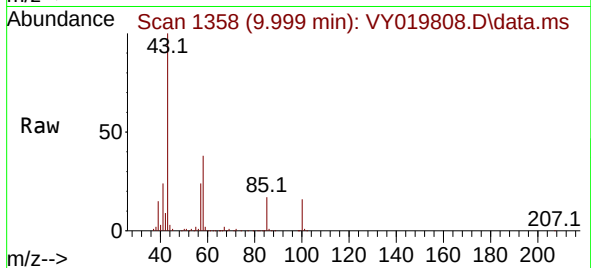
ClientSampleId :

Tgt Ion: 43 Resp: 194969

Ion Ratio Lower Upper

43 100

58 38.3 35.7 53.5



#52

Toluene

Concen: 18.899 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019808.D

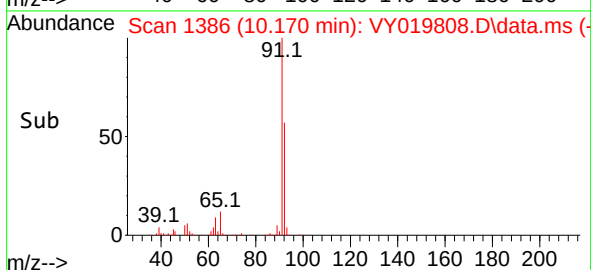
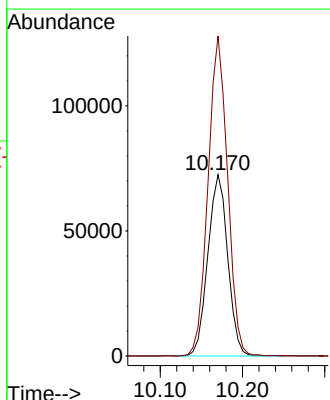
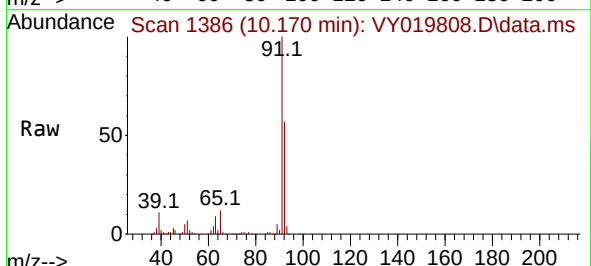
Acq: 07 Oct 2024 13:53

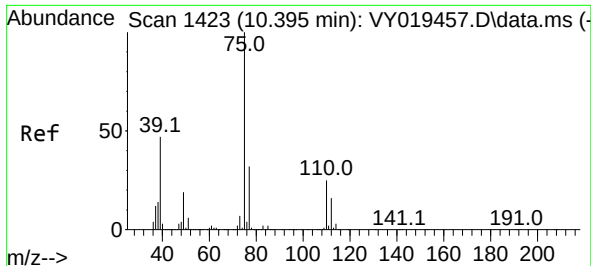
Tgt Ion: 92 Resp: 121600

Ion Ratio Lower Upper

92 100

91 173.6 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 19.845 ug/l

RT: 10.390 min Scan# 1423

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

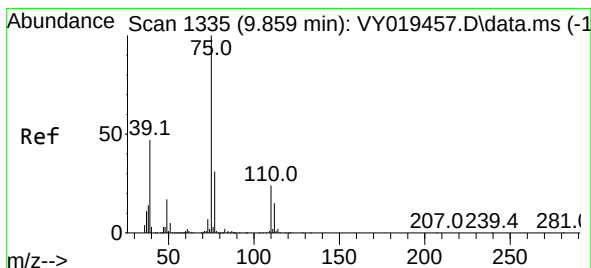
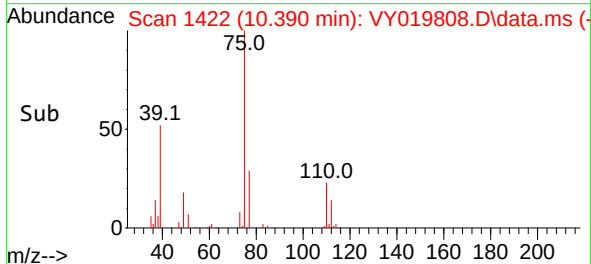
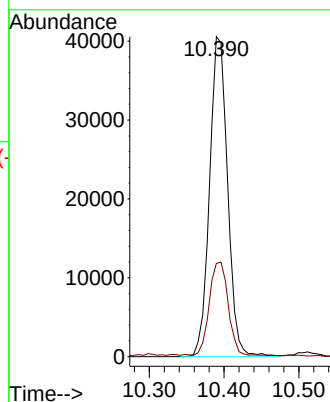
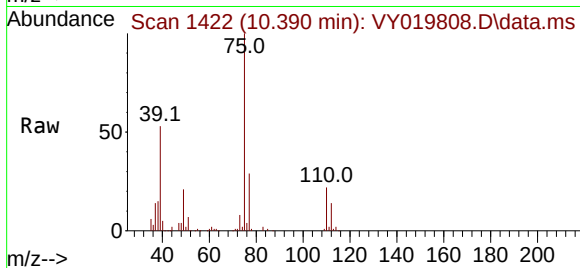
ClientSampleId :

Tgt Ion: 75 Resp: 68014

Ion Ratio Lower Upper

75 100

77 28.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 19.861 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

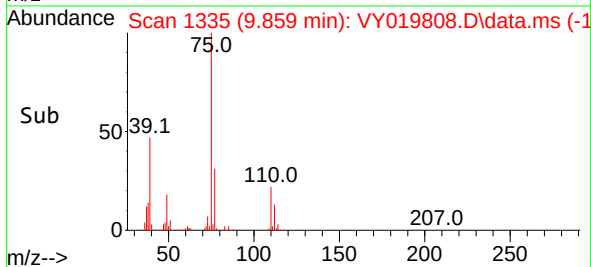
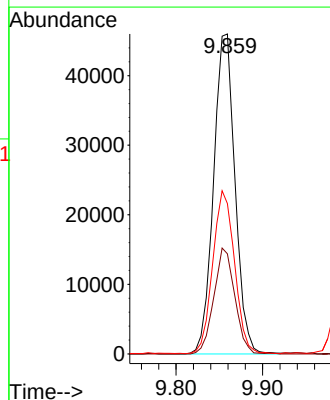
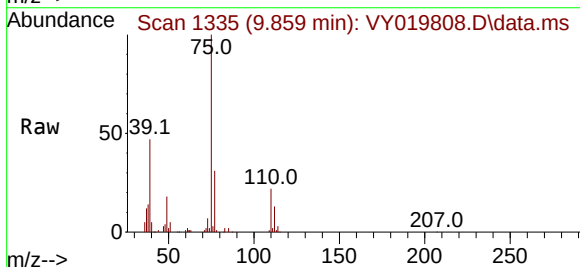
Tgt Ion: 75 Resp: 79259

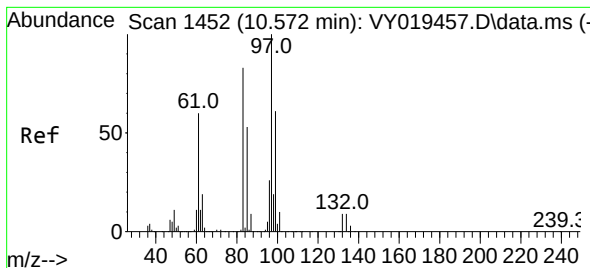
Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.0

39 46.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 22.476 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 41514

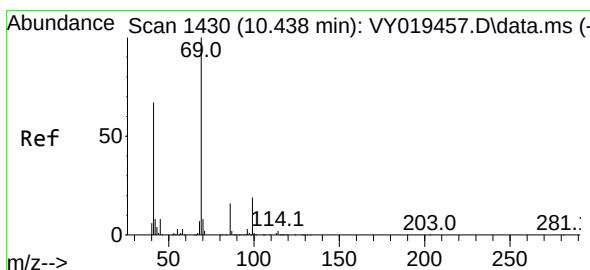
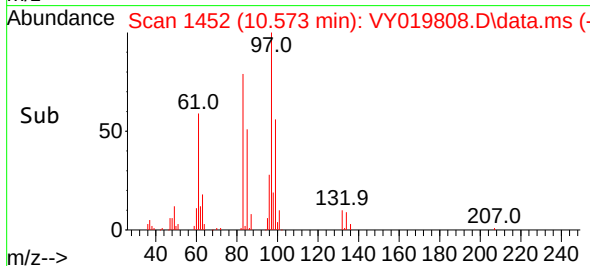
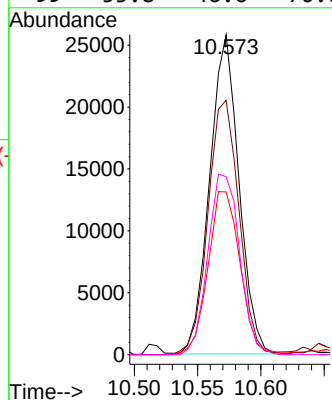
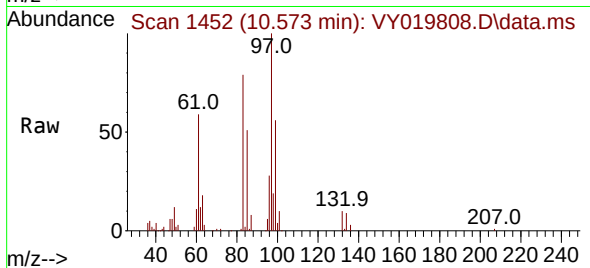
Ion Ratio Lower Upper

97 100

83 78.8 67.5 101.3

85 50.4 42.9 64.3

99 55.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.915 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

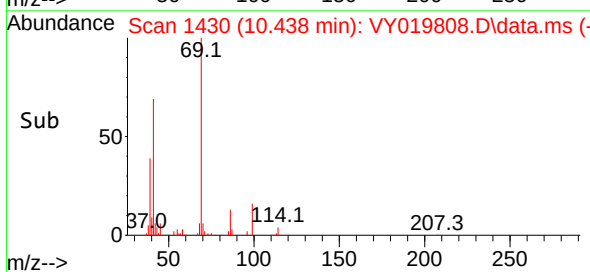
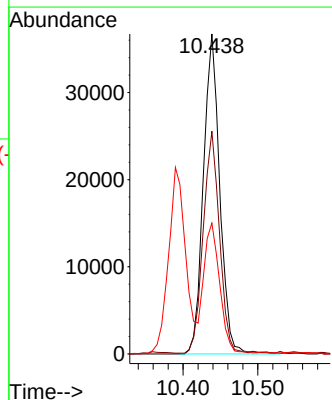
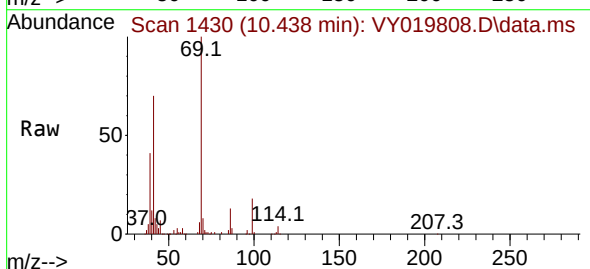
Tgt Ion: 69 Resp: 55878

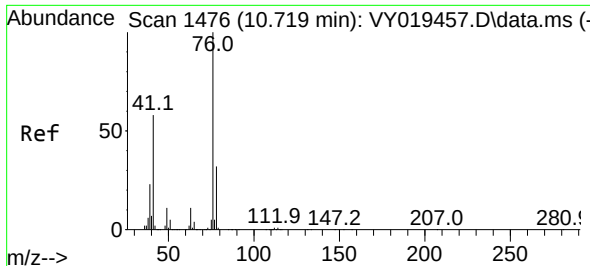
Ion Ratio Lower Upper

69 100

41 68.6 42.3 63.5#

39 38.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 22.210 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

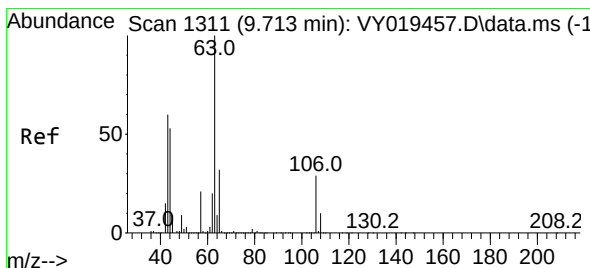
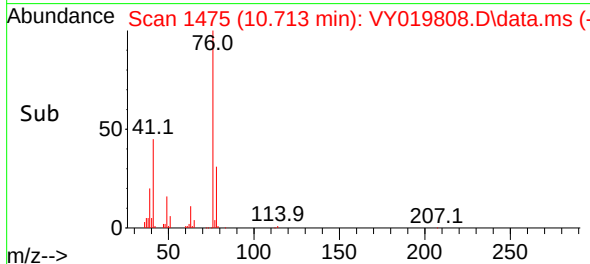
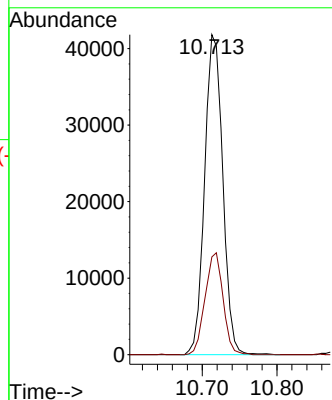
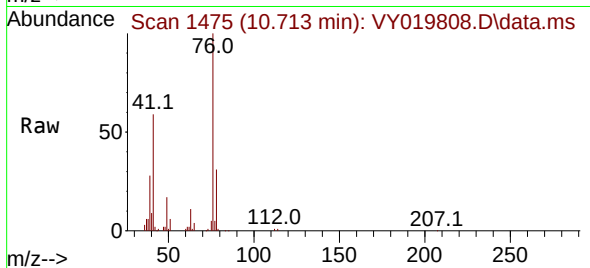
ClientSampleId :

Tgt Ion: 76 Resp: 70515

Ion Ratio Lower Upper

76 100

78 31.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.000 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019808.D

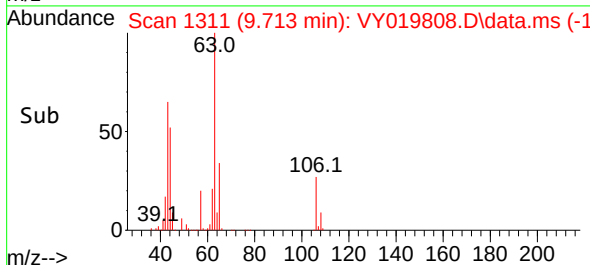
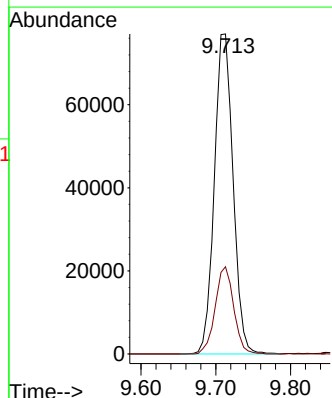
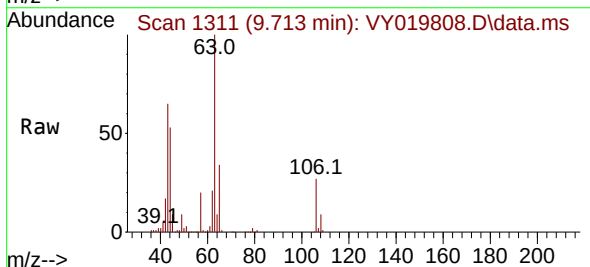
Acq: 07 Oct 2024 13:53

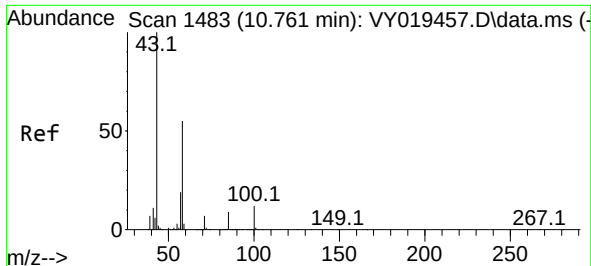
Tgt Ion: 63 Resp: 134130

Ion Ratio Lower Upper

63 100

106 26.9 23.7 35.5

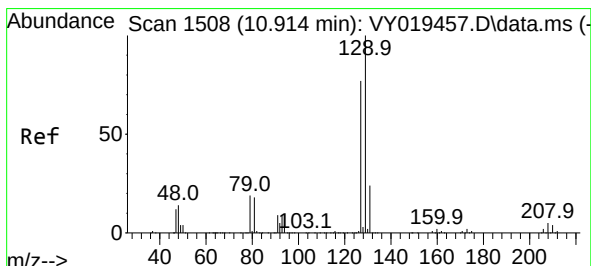
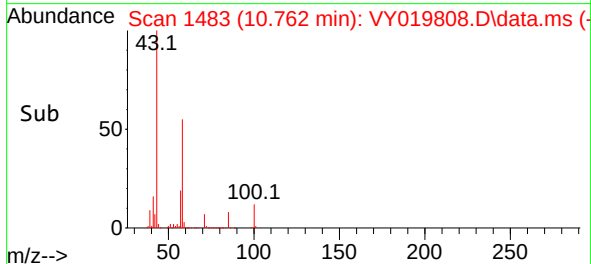
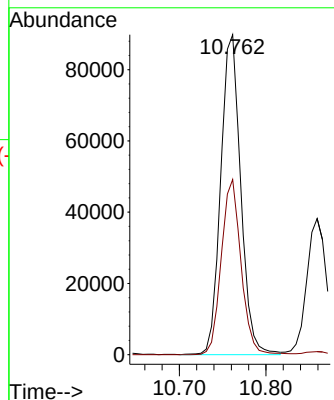
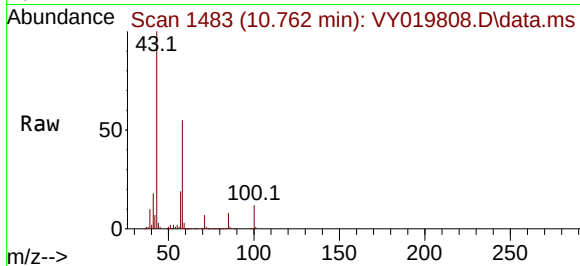




#59
2-Hexanone
Concen: 111.719 ug/l
RT: 10.762 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

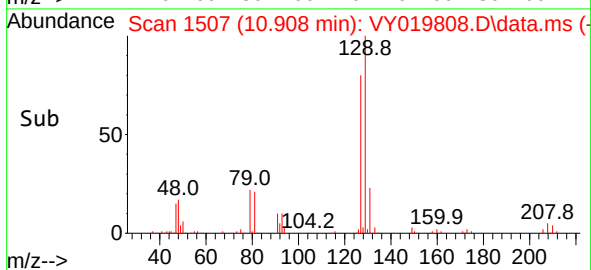
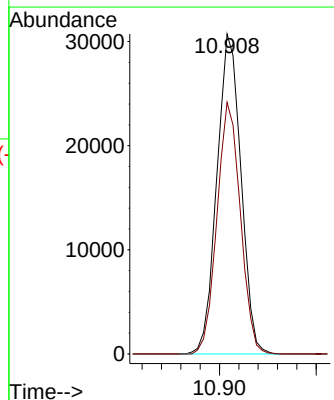
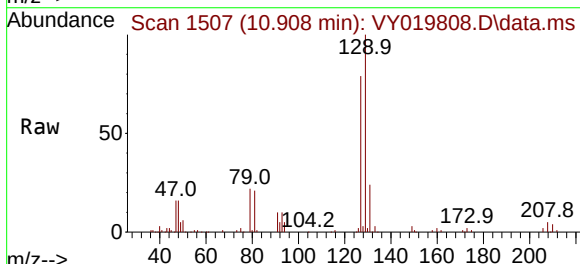
Instrument :
MSVOA_Y
ClientSampleId :

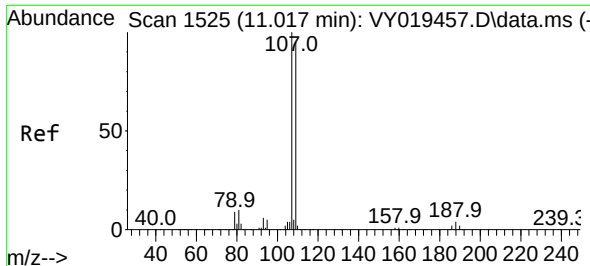
Tgt Ion: 43 Resp: 144074
Ion Ratio Lower Upper
43 100
58 54.0 31.4 94.0



#60
Dibromochloromethane
Concen: 21.664 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion:129 Resp: 52933
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

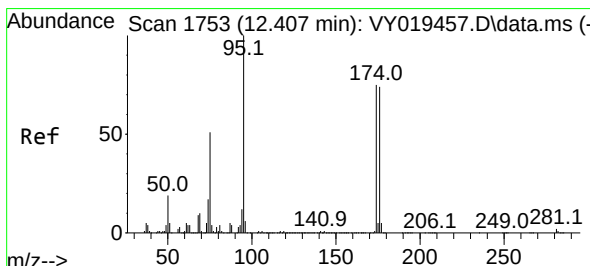
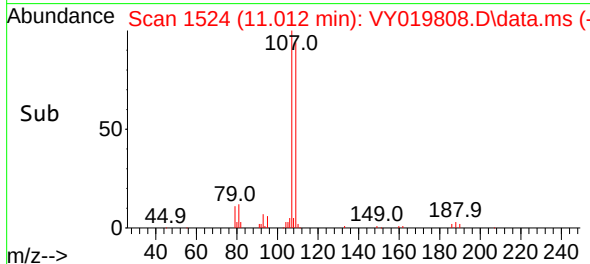
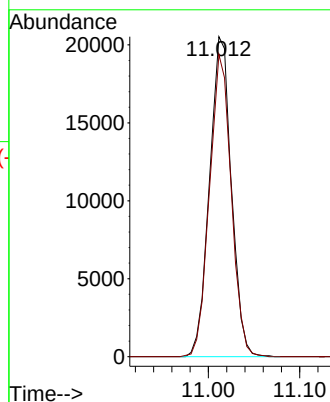
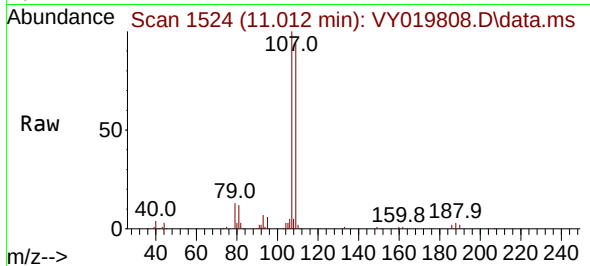




#61
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

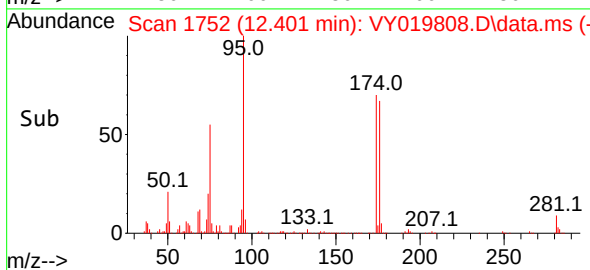
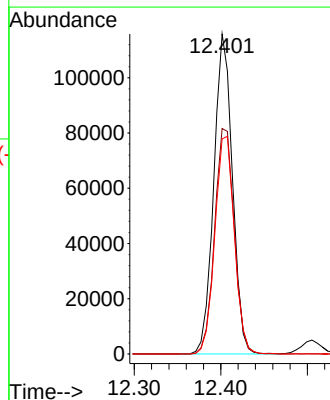
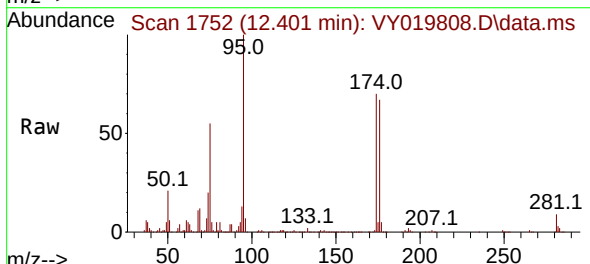
Instrument :
MSVOA_Y
ClientSampleId :

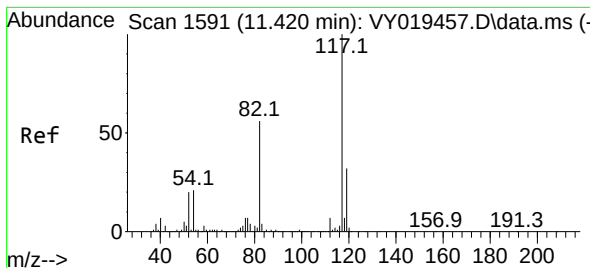
Tgt Ion:107 Resp: 34052
Ion Ratio Lower Upper
107 100
109 93.7 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.968 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 95 Resp: 173031
Ion Ratio Lower Upper
95 100
174 74.3 0.0 175.6
176 71.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

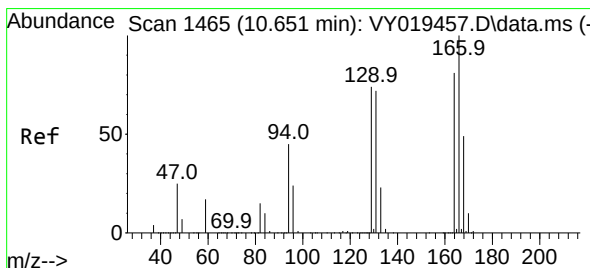
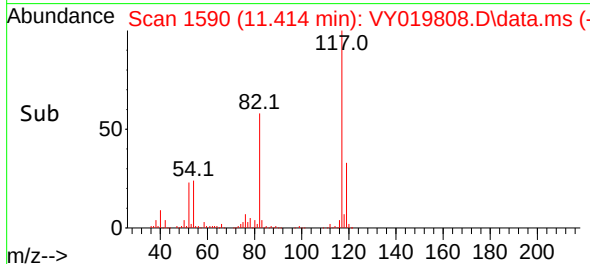
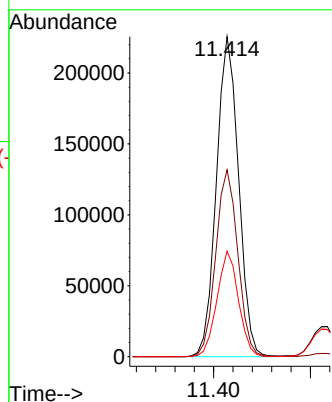
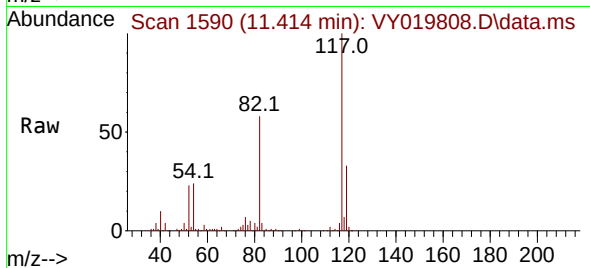
Tgt Ion:117 Resp: 358736

Ion Ratio Lower Upper

117 100

82 58.4 42.4 63.6

119 33.0 25.9 38.9



#64

Tetrachloroethene

Concen: 17.333 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Tgt Ion:164 Resp: 38505

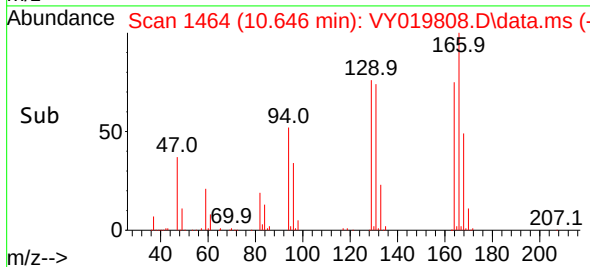
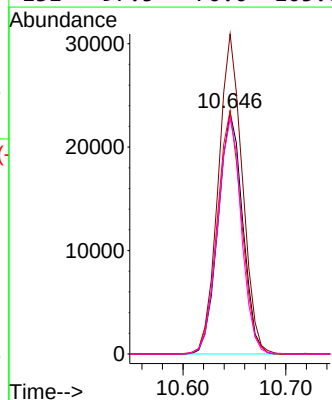
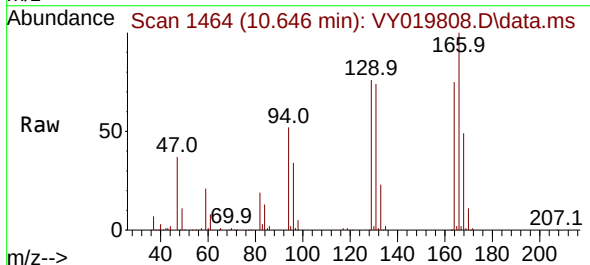
Ion Ratio Lower Upper

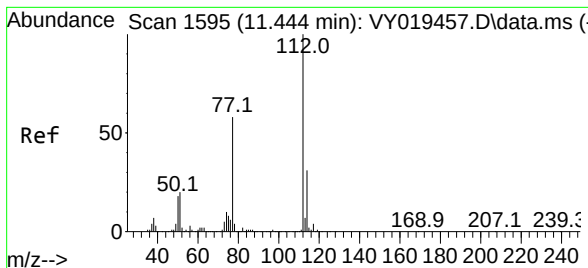
164 100

166 132.6 102.6 154.0

129 100.8 72.0 108.0

131 97.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.162 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

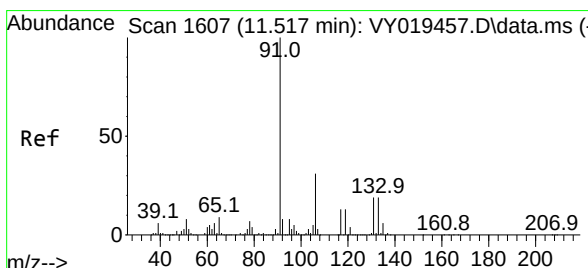
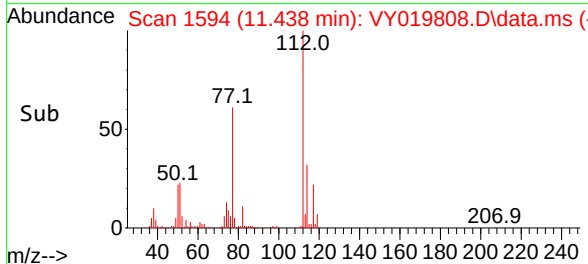
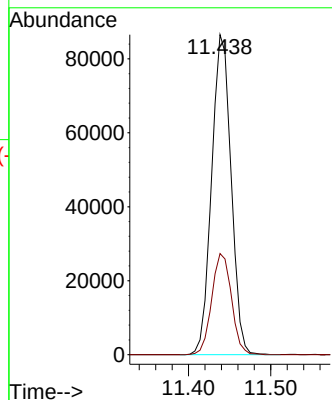
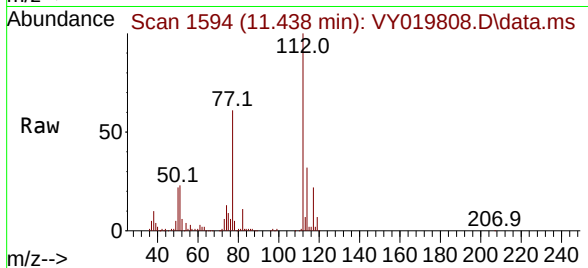
ClientSampleId :

Tgt Ion:112 Resp: 142278

Ion Ratio Lower Upper

112 100

114 31.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.342 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

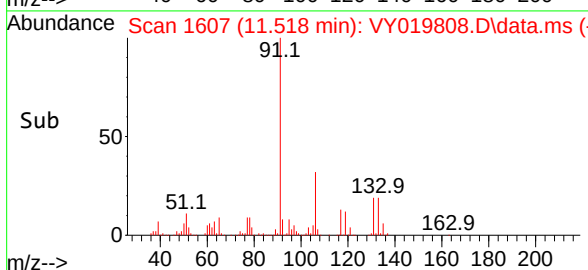
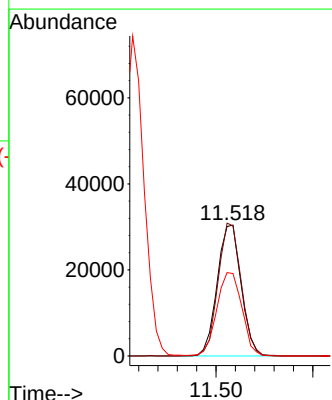
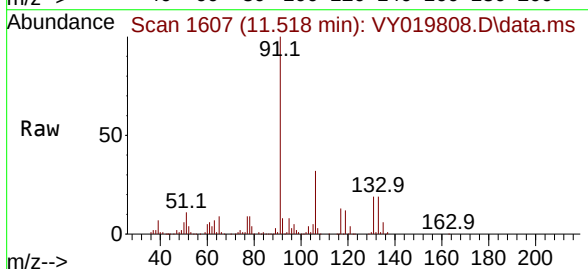
Tgt Ion:131 Resp: 52144

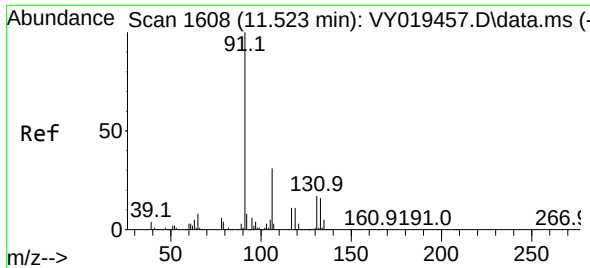
Ion Ratio Lower Upper

131 100

133 98.3 47.8 143.3

119 66.8 34.1 102.2

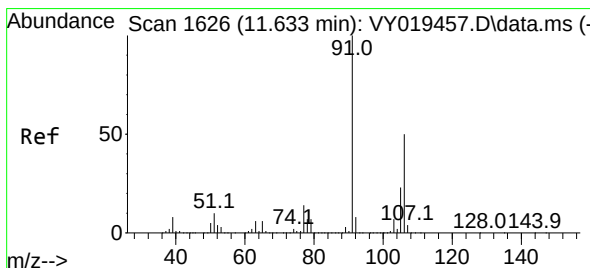
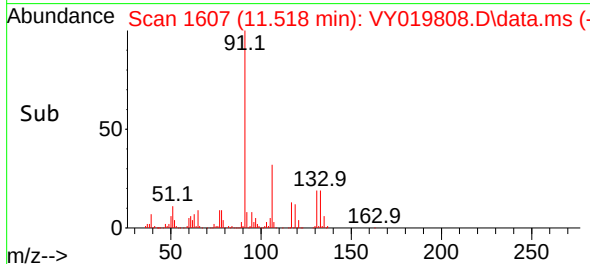
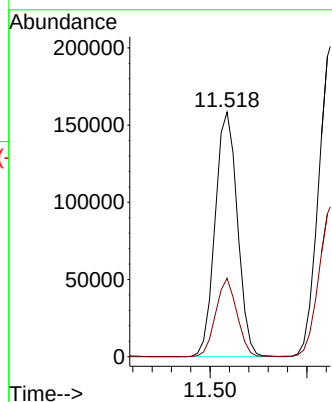
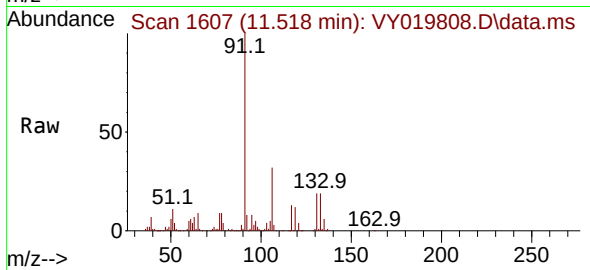




#67
Ethyl Benzene
Concen: 20.200 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

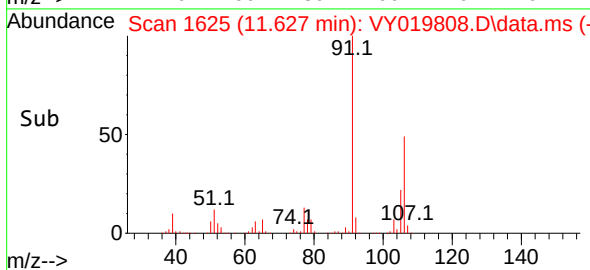
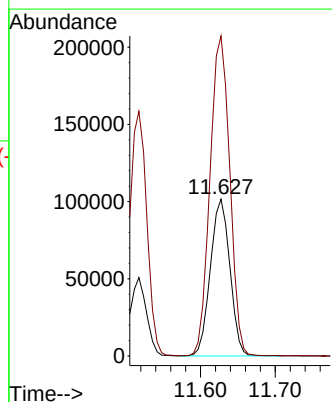
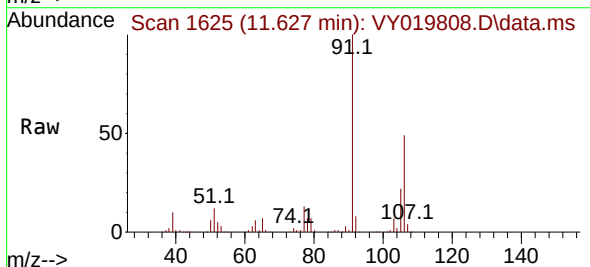
Instrument :
MSVOA_Y
ClientSampleId :

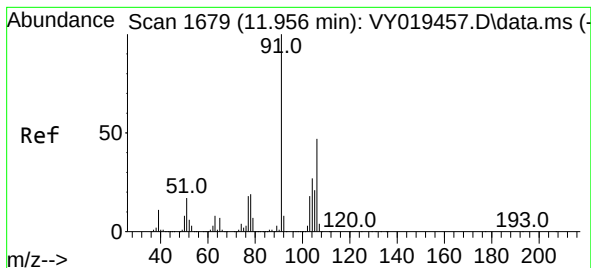
Tgt Ion: 91 Resp: 253268
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 38.872 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion:106 Resp: 184294
Ion Ratio Lower Upper
106 100
91 206.7 156.0 234.0





#69

o-Xylene

Concen: 19.834 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

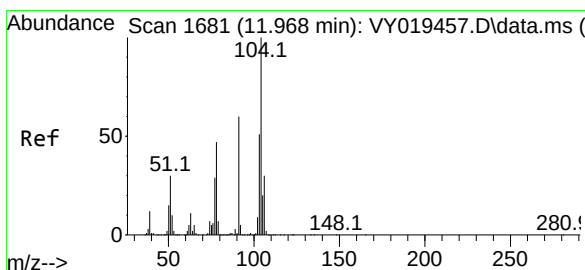
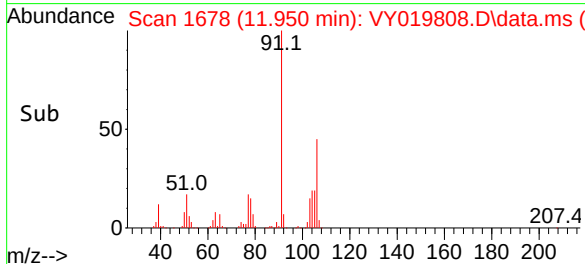
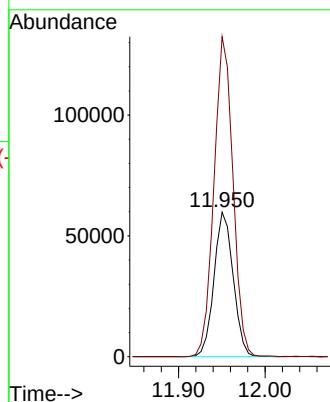
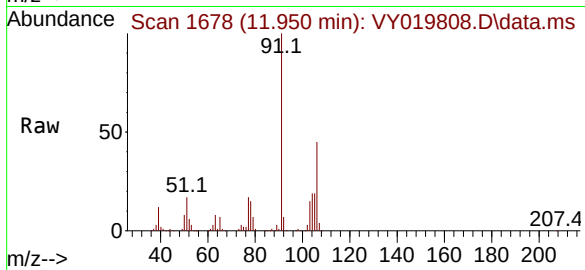
ClientSampleId :

Tgt Ion:106 Resp: 91963

Ion Ratio Lower Upper

106 100

91 219.6 103.6 310.8



#70

Styrene

Concen: 20.156 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

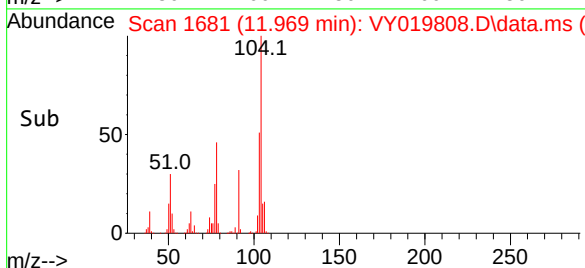
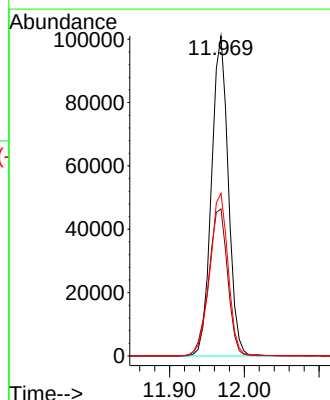
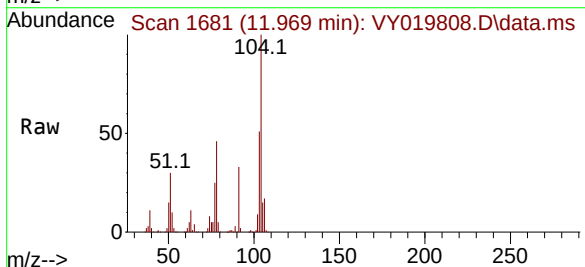
Tgt Ion:104 Resp: 157785

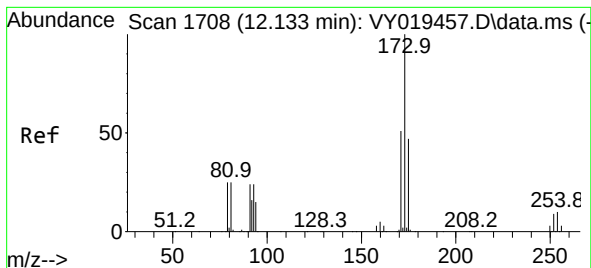
Ion Ratio Lower Upper

104 100

78 51.8 37.0 55.4

103 55.2 44.2 66.2





#71

Bromoform

Concen: 19.463 ug/l

RT: 12.127 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019808.D

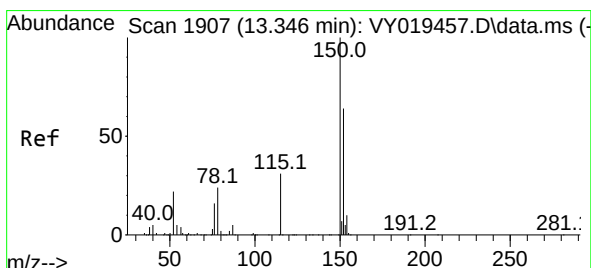
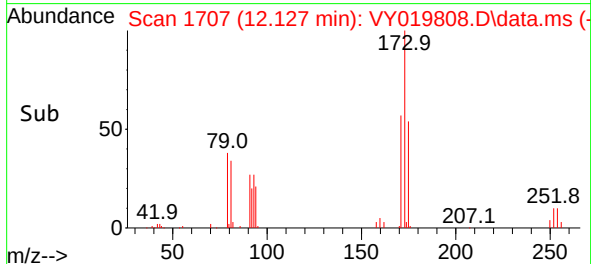
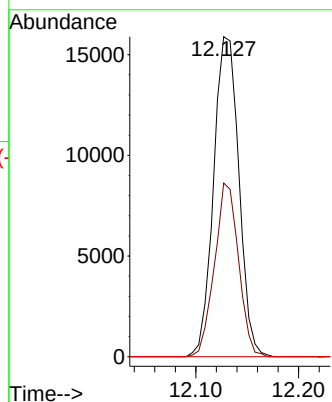
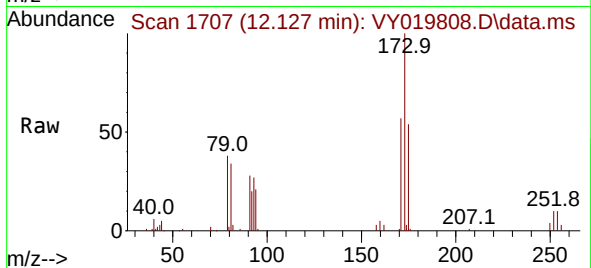
Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	27160
Ion Ratio	Lower	Upper
173	100	
175	51.4	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

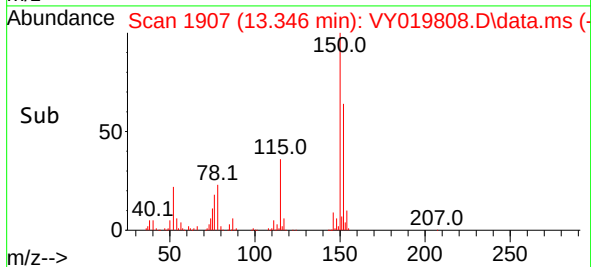
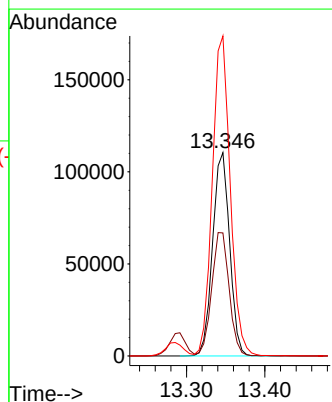
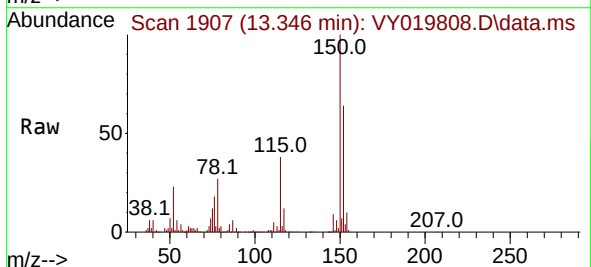
RT: 13.346 min Scan# 1907

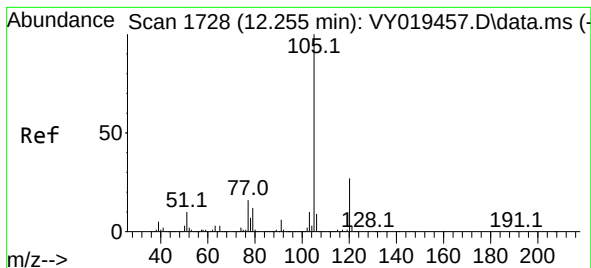
Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Tgt Ion:152	Resp:	166395
Ion Ratio	Lower	Upper
152	100	
115	61.9	28.2 84.7
150	165.5	0.0 345.6





#73

Isopropylbenzene

Concen: 21.238 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

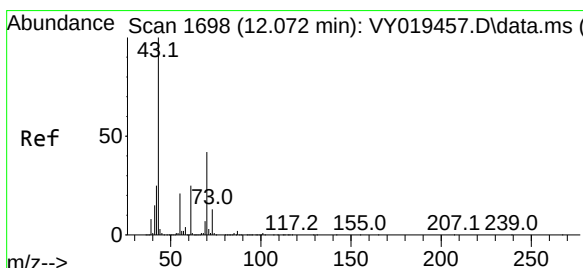
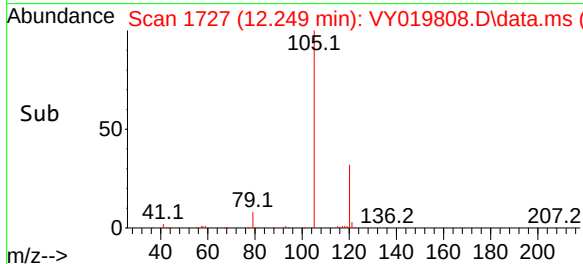
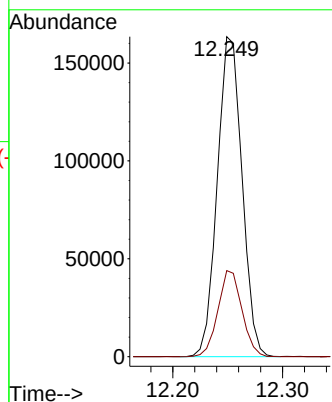
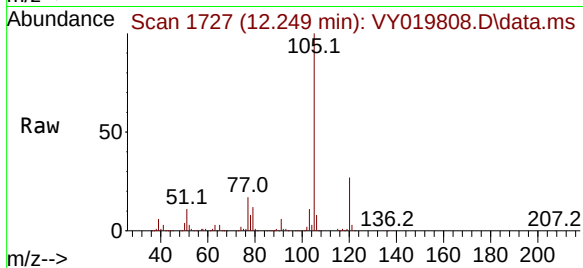
ClientSampleId :

Tgt Ion:105 Resp: 256375

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.282 ug/l

RT: 12.066 min Scan# 1697

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Tgt Ion: 43 Resp: 66586

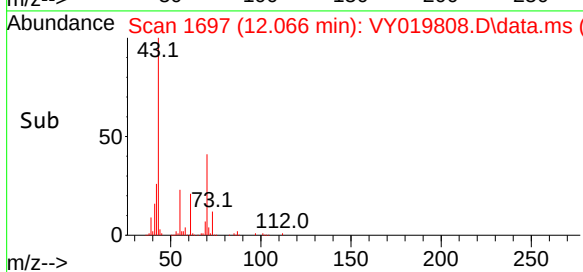
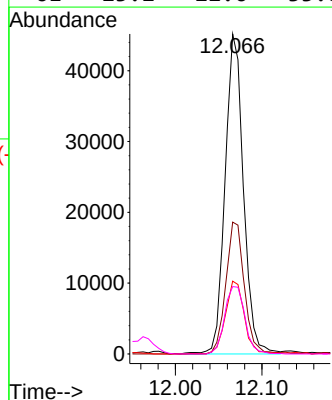
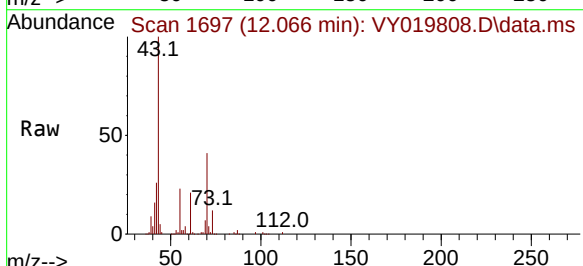
Ion Ratio Lower Upper

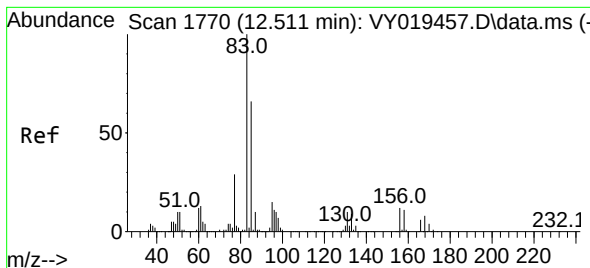
43 100

70 41.9 41.4 62.2

55 23.3 23.3 34.9

61 23.2 22.6 33.8

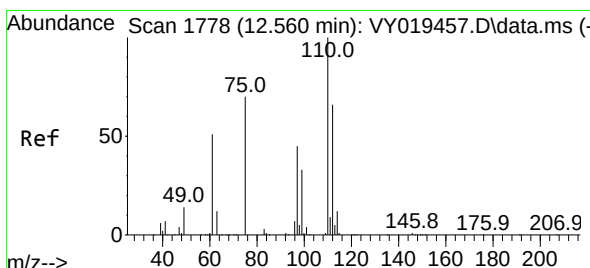
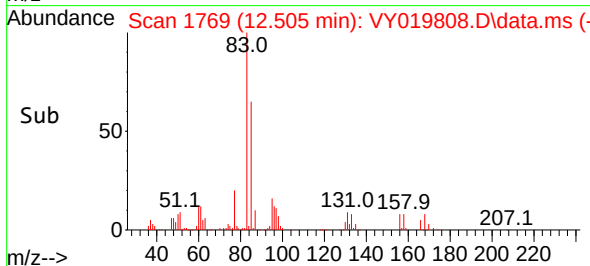
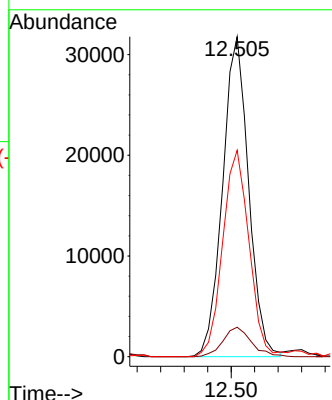
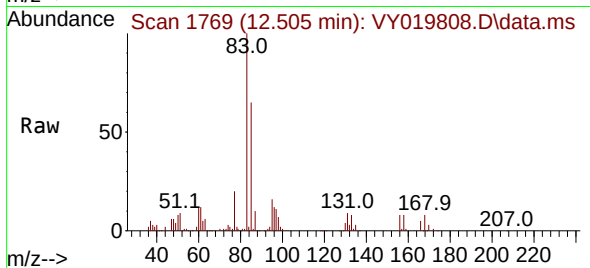




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.789 ug/l
 RT: 12.505 min Scan# 1770
 Delta R.T. -0.006 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

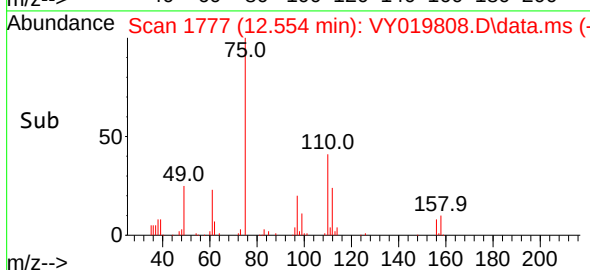
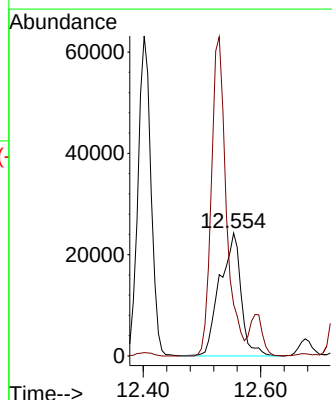
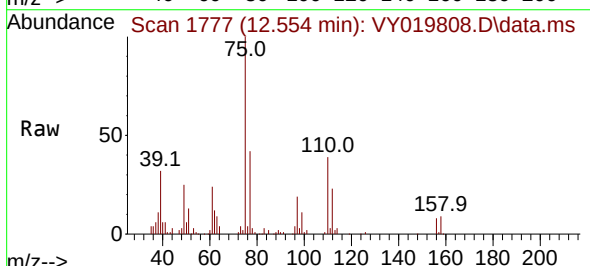
Instrument :
 MSVOA_Y
 ClientSampleId :

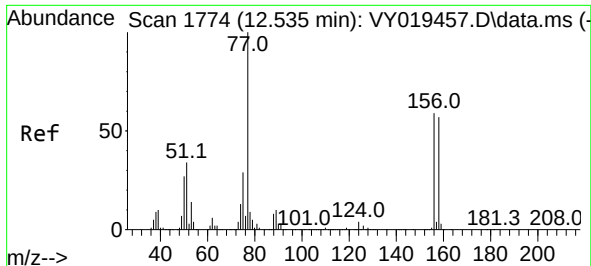
Tgt Ion: 83 Resp: 48829
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 65.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 39.033 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.006 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

Tgt Ion: 75 Resp: 60876
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

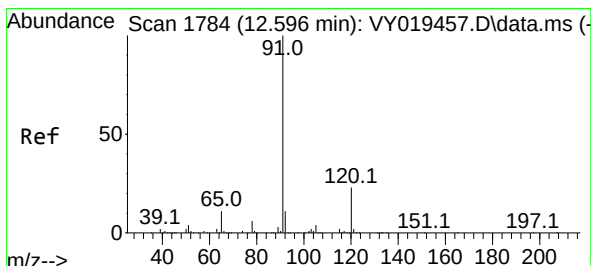
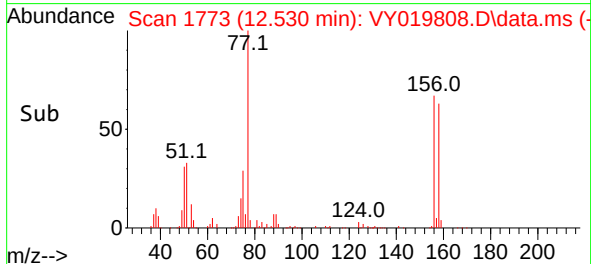
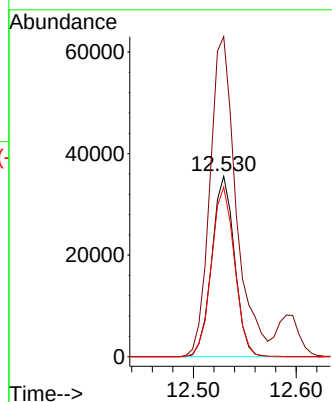
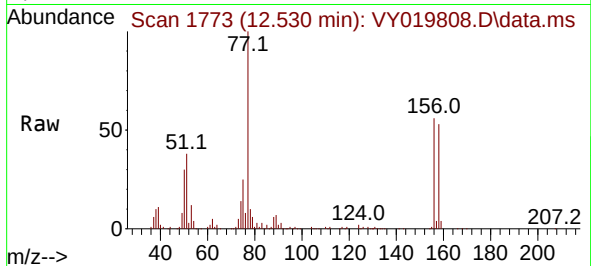




#77
Bromobenzene
Concen: 20.282 ug/l
RT: 12.530 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

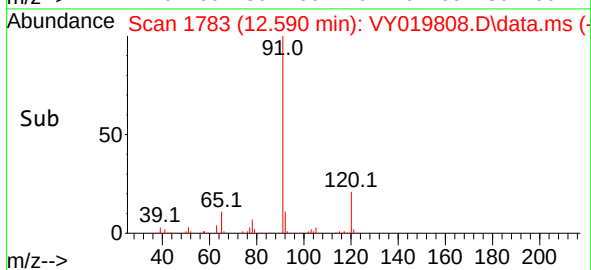
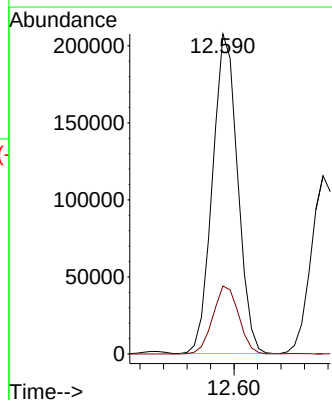
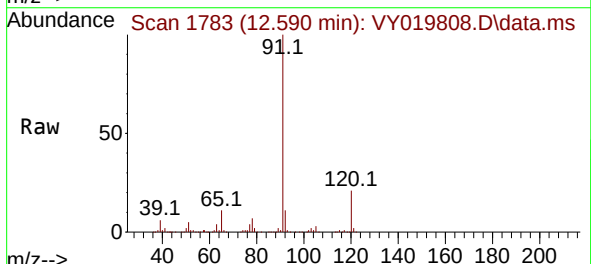
Instrument :
MSVOA_Y
ClientSampleId :

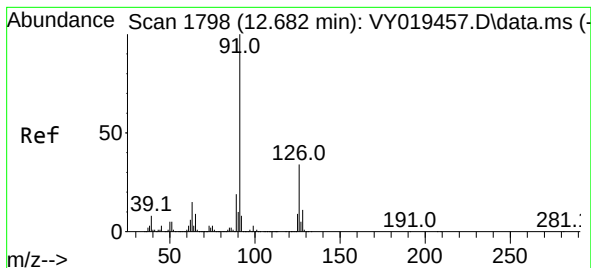
Tgt Ion:156 Resp: 54301
Ion Ratio Lower Upper
156 100
77 205.5 87.1 261.3
158 96.1 48.6 145.9



#78
n-propylbenzene
Concen: 21.554 ug/l
RT: 12.590 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 91 Resp: 308398
Ion Ratio Lower Upper
91 100
120 21.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.601 ug/l

RT: 12.676 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

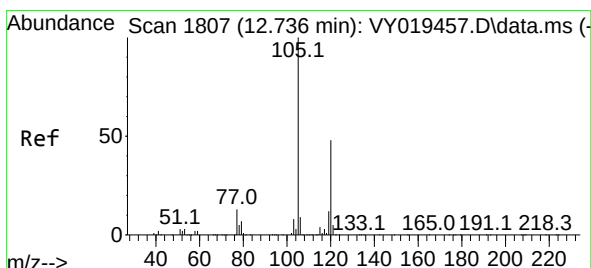
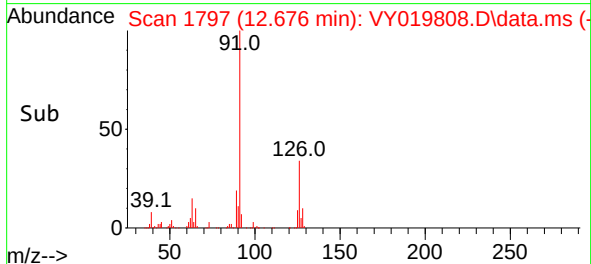
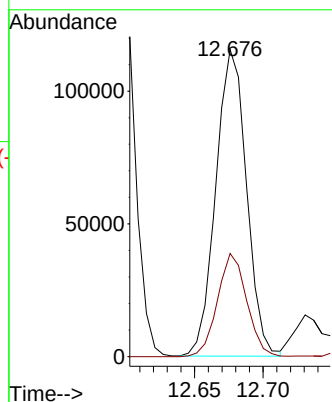
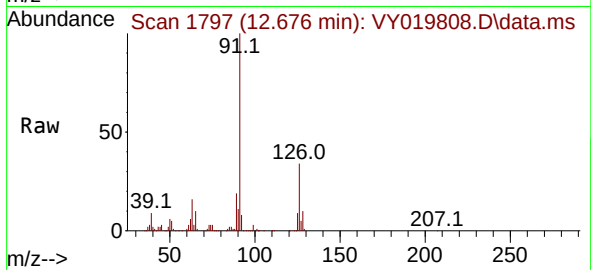
ClientSampleId :

Tgt Ion: 91 Resp: 180116

Ion Ratio Lower Upper

91 100

126 32.1 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.879 ug/l

RT: 12.731 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VY019808.D

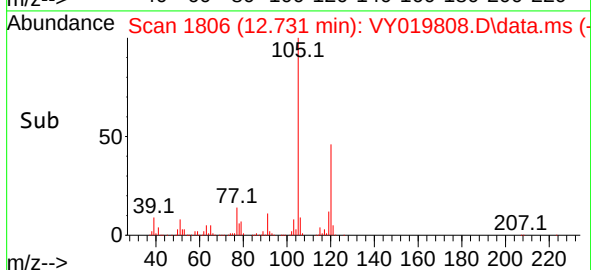
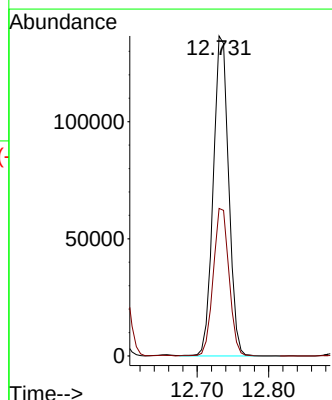
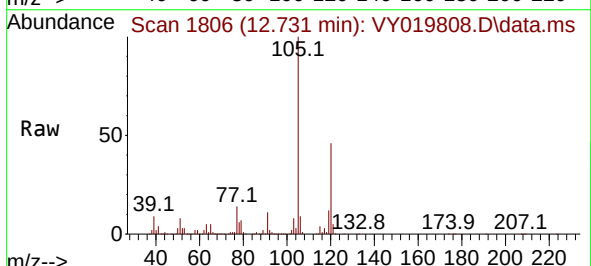
Acq: 07 Oct 2024 13:53

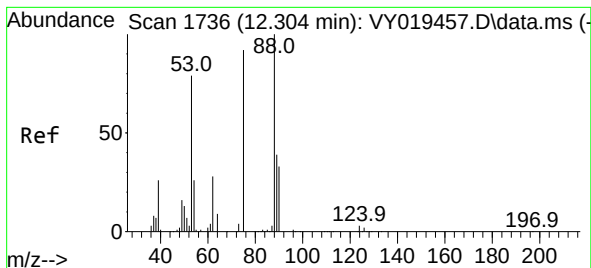
Tgt Ion:105 Resp: 204895

Ion Ratio Lower Upper

105 100

120 47.1 25.1 75.2

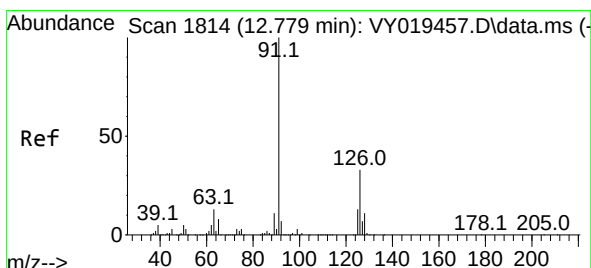
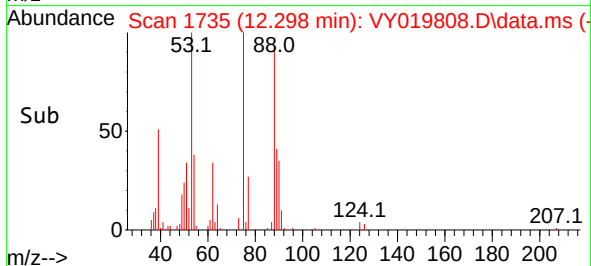
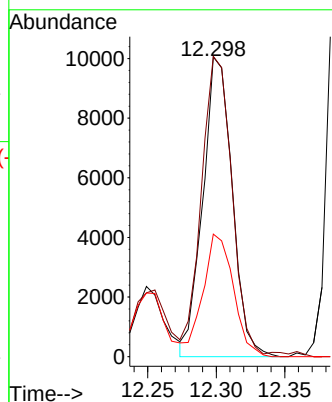
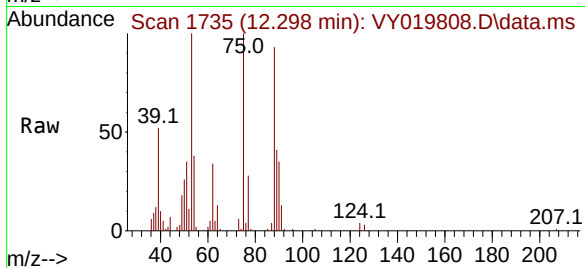




#81
trans-1,4-Dichloro-2-butene
Concen: 18.439 ug/l
RT: 12.298 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

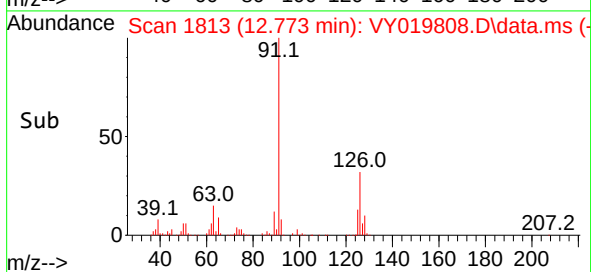
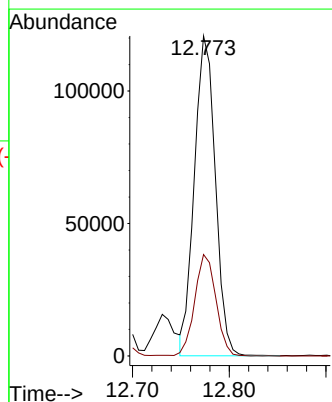
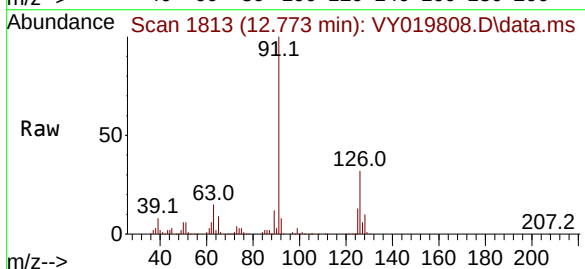
Instrument :
MSVOA_Y
ClientSampleId :

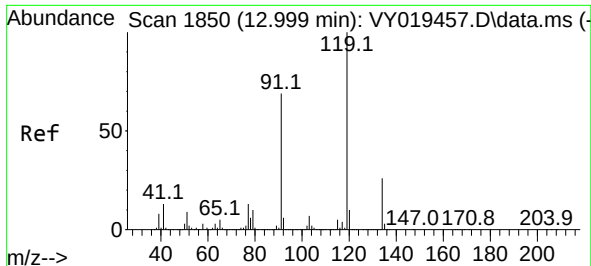
Tgt Ion: 75 Resp: 14980
Ion Ratio Lower Upper
75 100
53 101.2 66.8 100.2#
89 42.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 21.208 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion: 91 Resp: 181804
Ion Ratio Lower Upper
91 100
126 32.3 17.6 52.9

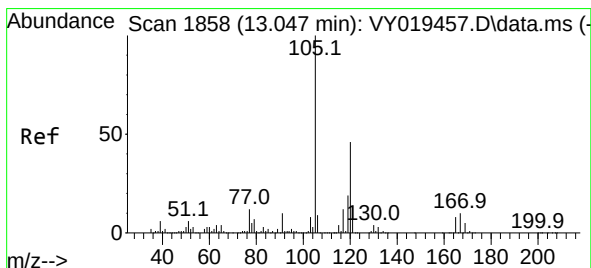
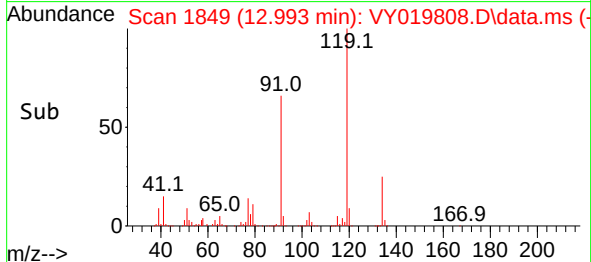
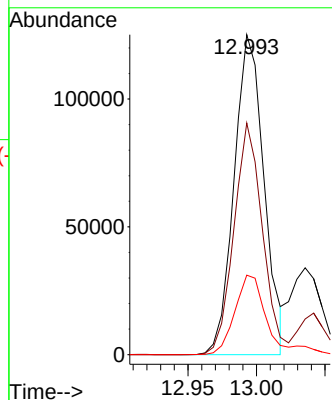
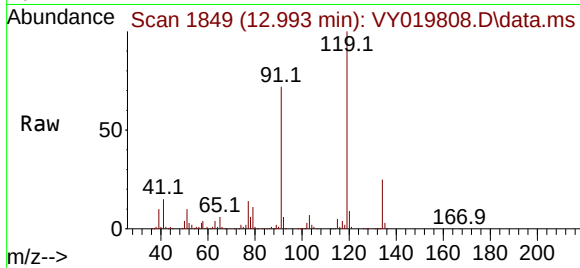




#83
tert-Butylbenzene
Concen: 21.402 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

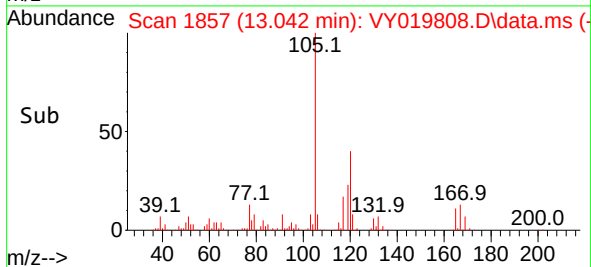
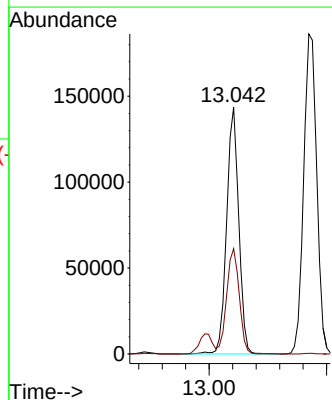
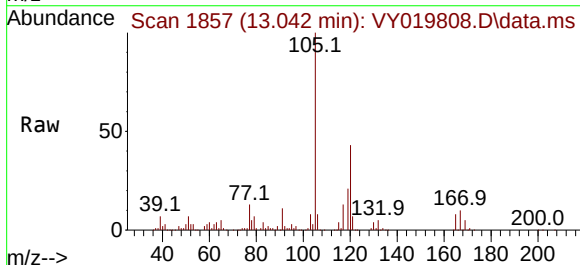
Instrument :
MSVOA_Y
ClientSampleId :

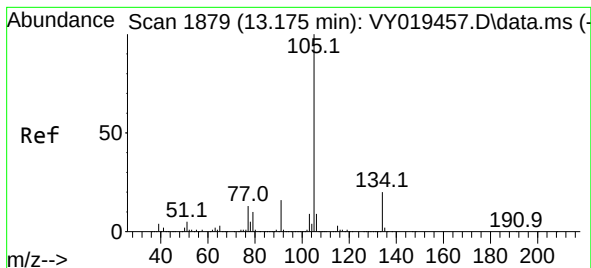
Tgt Ion:119 Resp: 190137
Ion Ratio Lower Upper
119 100
91 69.2 31.3 93.8
134 26.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.166 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Tgt Ion:105 Resp: 205606
Ion Ratio Lower Upper
105 100
120 44.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 22.170 ug/l

RT: 13.170 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

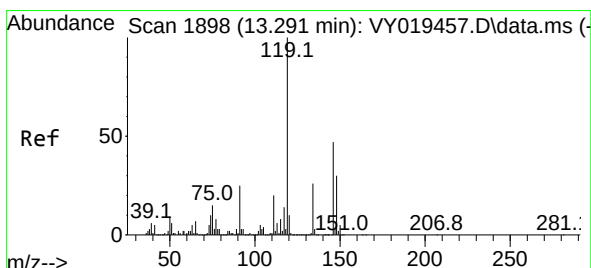
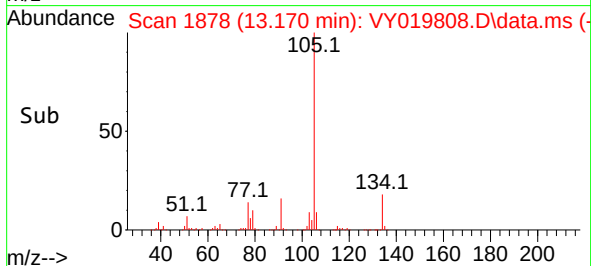
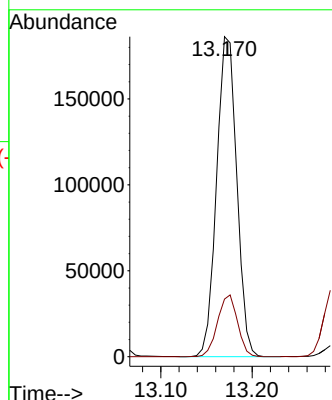
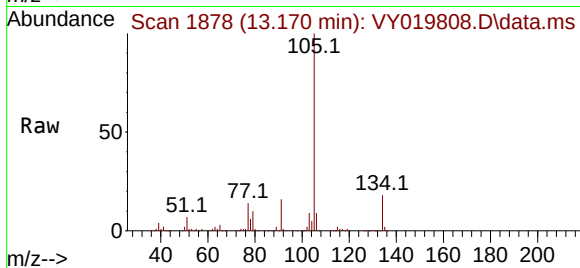
ClientSampleId :

Tgt Ion:105 Resp: 286137

Ion Ratio Lower Upper

105 100

134 19.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 21.667 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

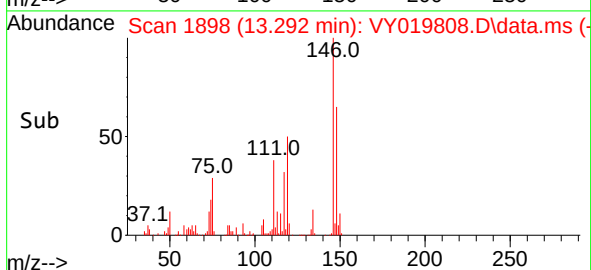
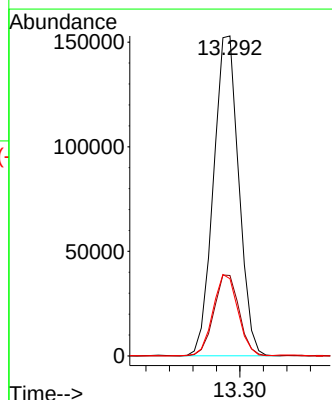
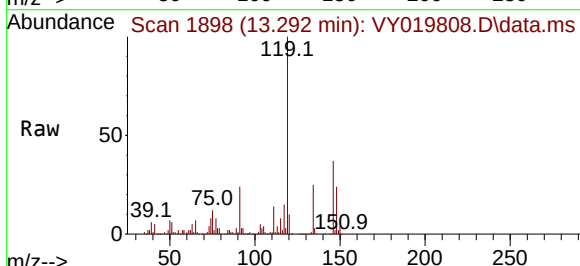
Tgt Ion:119 Resp: 228794

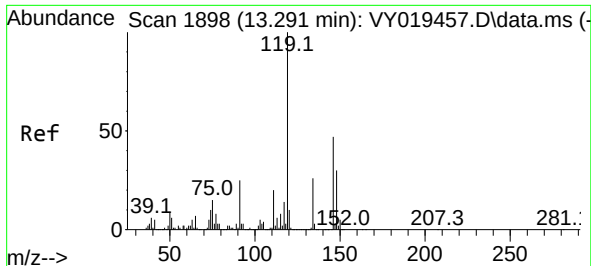
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 25.2 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.285 ug/l

RT: 13.285 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

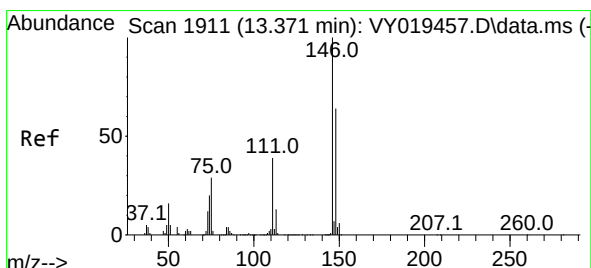
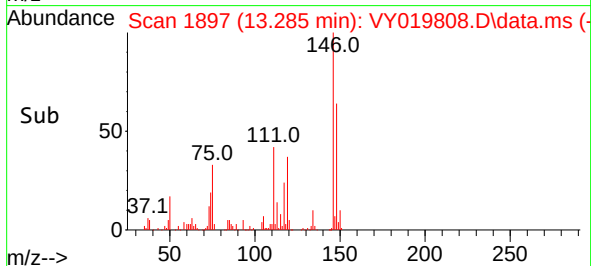
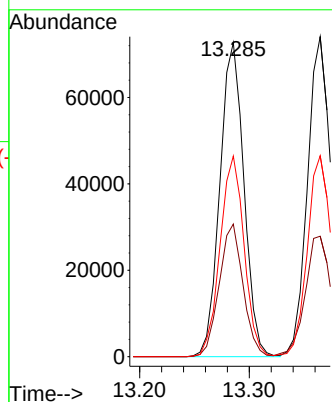
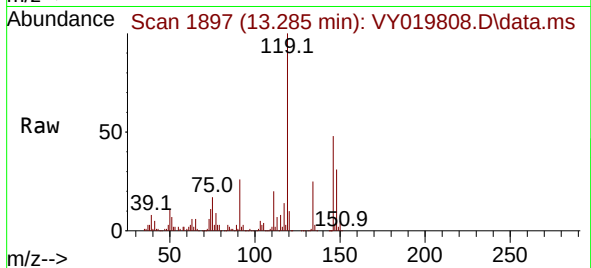
Tgt Ion:146 Resp: 110730

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 21.552 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

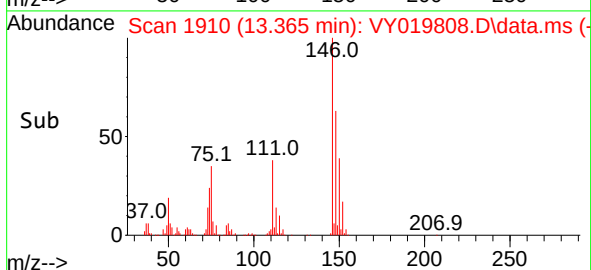
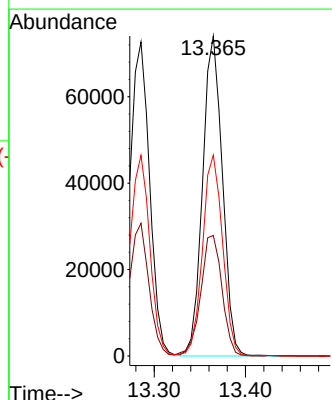
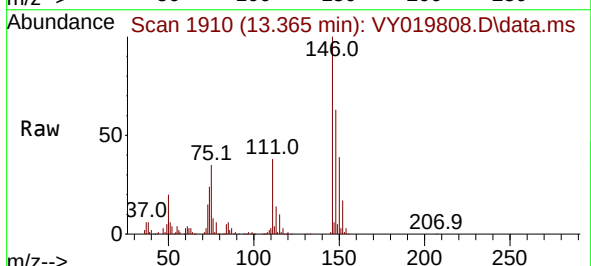
Tgt Ion:146 Resp: 111269

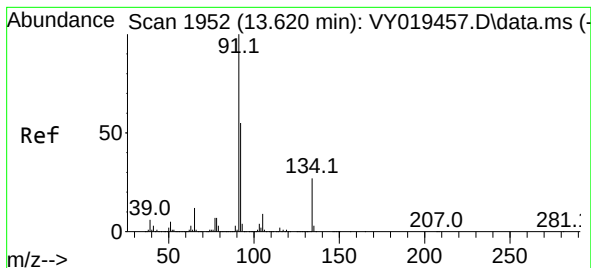
Ion Ratio Lower Upper

146 100

111 40.5 18.4 55.4

148 63.7 32.4 97.2





#89

n-Butylbenzene

Concen: 21.924 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

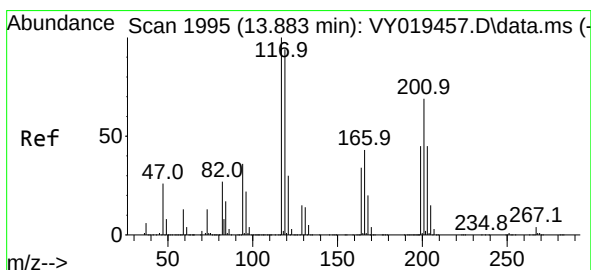
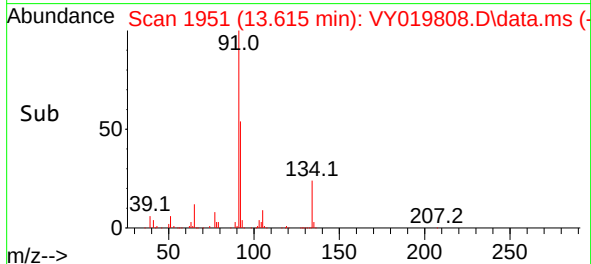
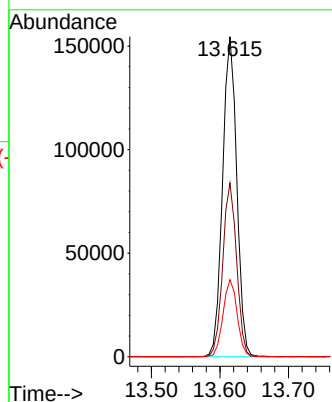
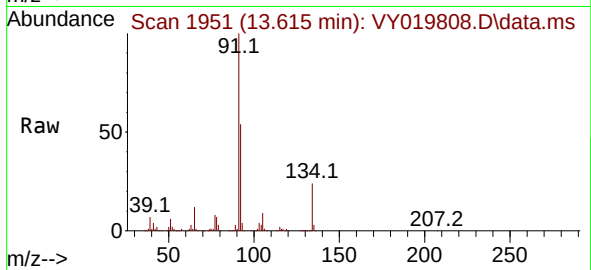
Tgt Ion: 91 Resp: 221314

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 23.9 12.9 38.7



#90

Hexachloroethane

Concen: 21.011 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019808.D

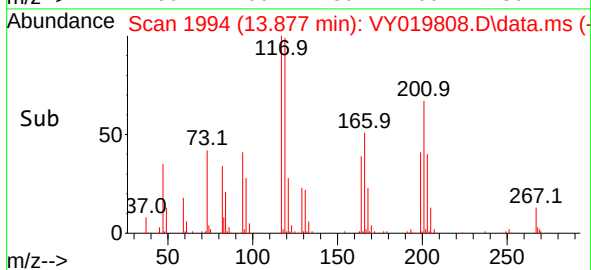
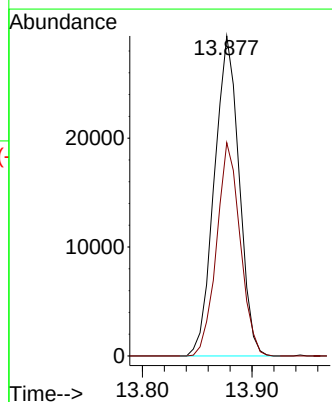
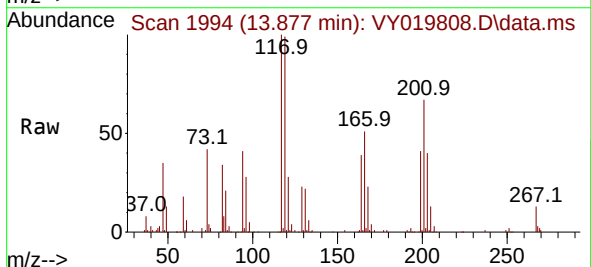
Acq: 07 Oct 2024 13:53

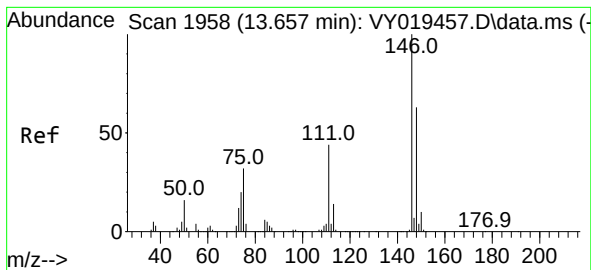
Tgt Ion: 117 Resp: 46163

Ion Ratio Lower Upper

117 100

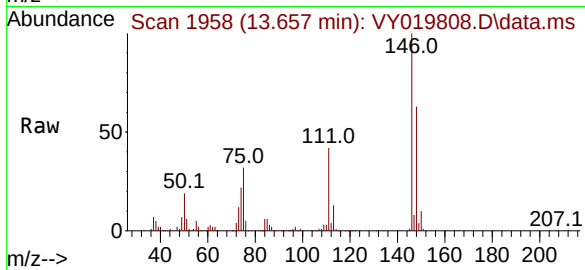
201 63.3 37.4 112.2



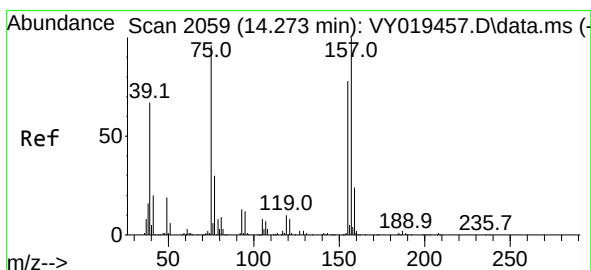
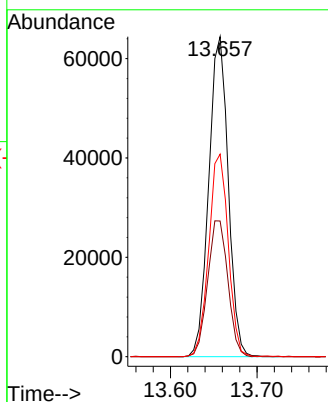
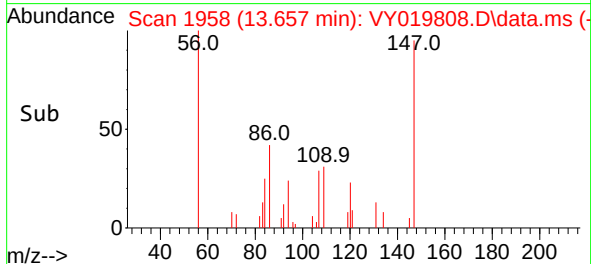


#91
1,2-Dichlorobenzene
Concen: 21.649 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

Instrument :
MSVOA_Y
ClientSampleId :

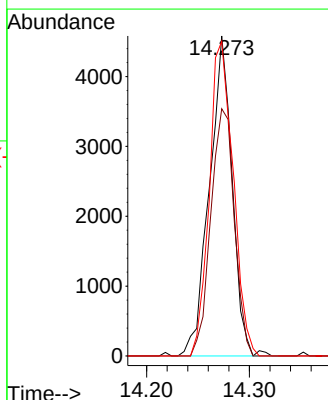
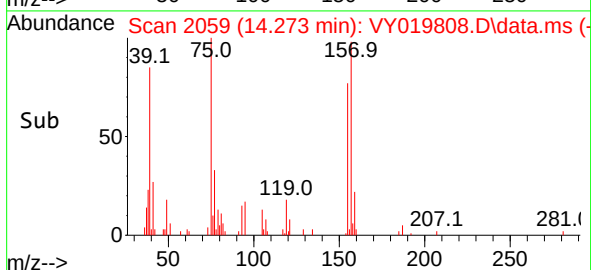
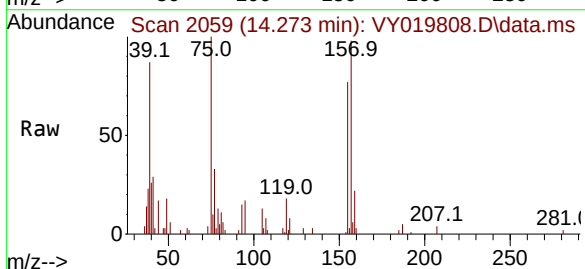


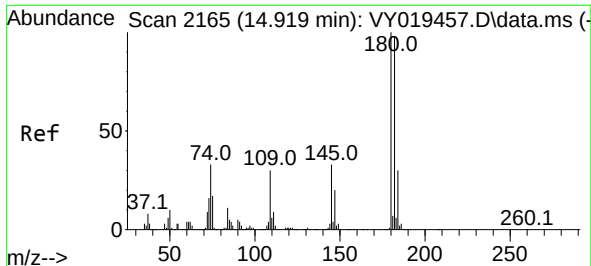
Tgt Ion:146 Resp: 100504
Ion Ratio Lower Upper
146 100
111 44.3 19.9 59.7
148 63.3 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.675 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019808.D
Acq: 07 Oct 2024 13:53

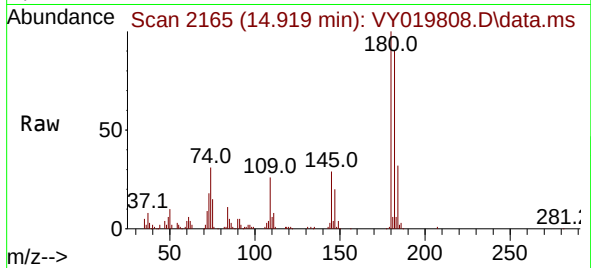
Tgt Ion: 75 Resp: 7026
Ion Ratio Lower Upper
75 100
155 79.7 48.6 145.8
157 103.0 62.7 188.2



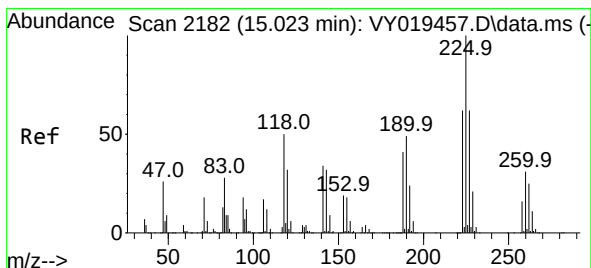
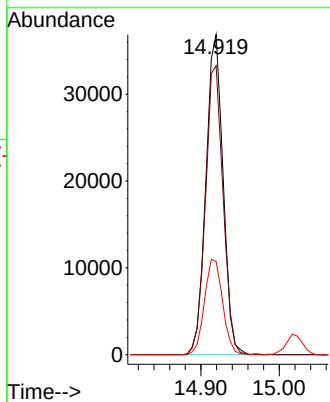
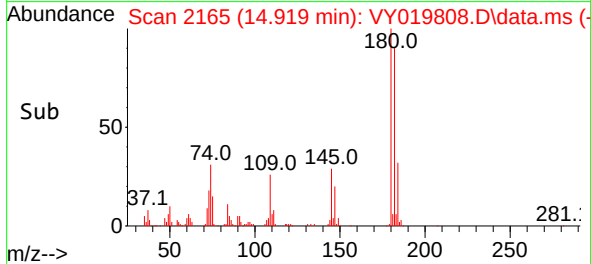


#93
 1,2,4-Trichlorobenzene
 Concen: 19.834 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53

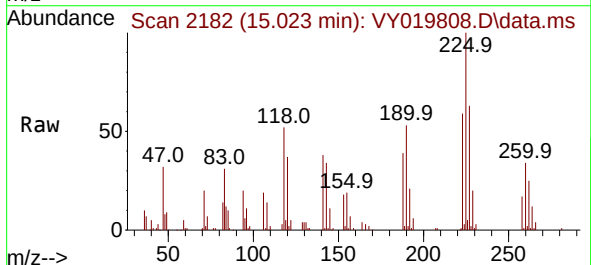
Instrument :
 MSVOA_Y
 ClientSampleId :



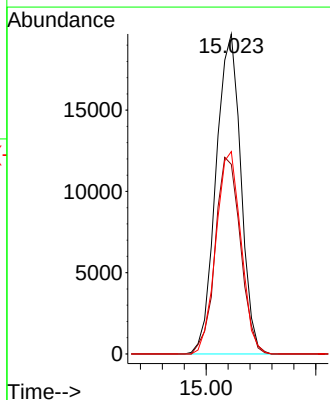
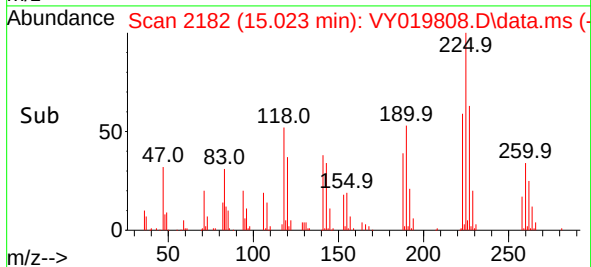
Tgt Ion:180 Resp: 56000
 Ion Ratio Lower Upper
 180 100
 182 92.5 47.9 143.8
 145 31.6 14.2 42.6

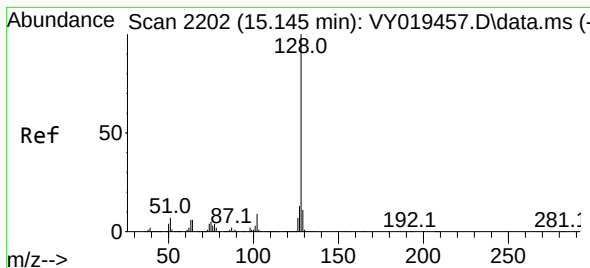


#94
 Hexachlorobutadiene
 Concen: 20.549 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY019808.D
 Acq: 07 Oct 2024 13:53



Tgt Ion:225 Resp: 30995
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.4 91.2
 227 63.8 31.9 95.9





#95

Naphthalene

Concen: 18.453 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Instrument :

MSVOA_Y

ClientSampleId :

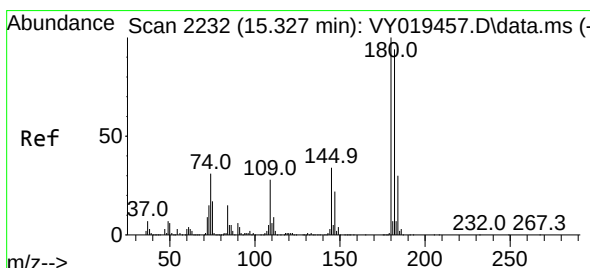
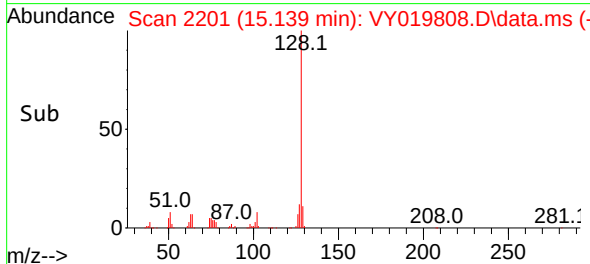
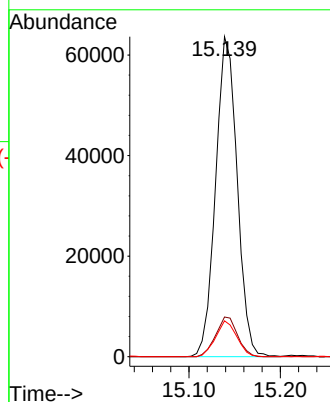
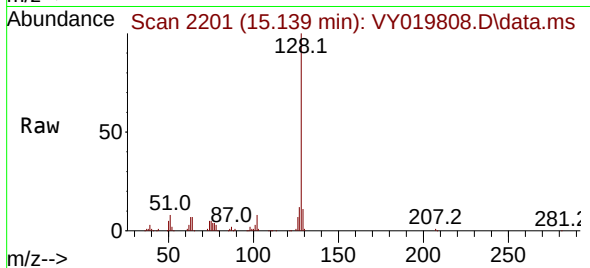
Tgt Ion:128 Resp: 104336

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.288 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019808.D

Acq: 07 Oct 2024 13:53

Tgt Ion:180 Resp: 46583

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 34.7 15.4 46.1

