

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091824\
 Data File : VY019619.D
 Acq On : 18 Sep 2024 20:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 01:28:43 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	310261	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	554699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	483014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	229408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173932	60.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.080%	
35) Dibromofluoromethane	7.628	113	172494	54.846	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.700%	
50) Toluene-d8	10.109	98	629334	54.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.200%	
62) 4-Bromofluorobenzene	12.408	95	226161	50.563	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.120%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	76785	44.859	ug/l	97
3) Chloromethane	2.068	50	131981	51.415	ug/l	98
4) Vinyl Chloride	2.202	62	154078	55.509	ug/l	99
5) Bromomethane	2.598	94	111956	65.664	ug/l	95
6) Chloroethane	2.733	64	109403	60.292	ug/l	98
7) Trichlorofluoromethane	3.056	101	252266	54.521	ug/l	94
8) Diethyl Ether	3.452	74	82849	53.342	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.812	101	147514	51.537	ug/l	95
10) Methyl Iodide	4.001	142	170621	46.494	ug/l	92
11) Tert butyl alcohol	4.866	59	72101	310.762	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	140713	51.118	ug/l	90
13) Acrolein	3.653	56	19055	165.771	ug/l	96
14) Allyl chloride	4.379	41	247656	50.169	ug/l	# 92
15) Acrylonitrile	5.055	53	192104	286.854	ug/l	99
16) Acetone	3.873	43	179702	262.554	ug/l	88
17) Carbon Disulfide	4.104	76	368494	49.546	ug/l	97
18) Methyl Acetate	4.385	43	100941	54.345	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	431071	55.292	ug/l	99
20) Methylene Chloride	4.610	84	176406	56.516	ug/l	# 85
21) trans-1,2-Dichloroethene	5.110	96	161304	53.462	ug/l	89
22) Diisopropyl ether	6.012	45	553343	54.586	ug/l	92
23) Vinyl Acetate	5.958	43	1587392	274.154	ug/l	94
24) 1,1-Dichloroethane	5.909	63	315983	55.549	ug/l	96
25) 2-Butanone	6.890	43	273721	281.188	ug/l	# 86
26) 2,2-Dichloropropane	6.878	77	262347	51.130	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	204799	55.879	ug/l	88
28) Bromochloromethane	7.238	49	154124	64.397	ug/l	84
29) Tetrahydrofuran	7.256	42	164401	277.766	ug/l	88
30) Chloroform	7.415	83	331840	57.146	ug/l	100
31) Cyclohexane	7.695	56	246211	47.886	ug/l	91
32) 1,1,1-Trichloroethane	7.616	97	287245	55.188	ug/l	97
36) 1,1-Dichloropropene	7.829	75	221013	51.645	ug/l	96
37) Ethyl Acetate	6.982	43	115953	52.881	ug/l	96
38) Carbon Tetrachloride	7.817	117	248488	51.490	ug/l	99
39) Methylcyclohexane	9.109	83	276189	48.496	ug/l	91
40) Benzene	8.079	78	690210	52.364	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	57278	44.812	ug/l #	91
42) 1,2-Dichloroethane	8.158	62	200340	56.484	ug/l	96
43) Isopropyl Acetate	8.195	43	242511	52.643	ug/l #	81
44) Trichloroethene	8.866	130	171288	50.529	ug/l	96
45) 1,2-Dichloropropane	9.140	63	167975	52.127	ug/l	97
46) Dibromomethane	9.231	93	97728	55.458	ug/l	94
47) Bromodichloromethane	9.420	83	256548	54.159	ug/l	98
48) Methyl methacrylate	9.219	41	108831	50.027	ug/l	86
49) 1,4-Dioxane	9.231	88	23619	1138.545	ug/l #	90
51) 4-Methyl-2-Pentanone	10.000	43	626834	270.467	ug/l	92
52) Toluene	10.170	92	449141	52.982	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	229095	50.735	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	266902	50.762	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	131225	53.924	ug/l	97
56) Ethyl methacrylate	10.439	69	196812	53.240	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	224873	53.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	474851	276.762	ug/l	97
59) 2-Hexanone	10.762	43	437429	257.447	ug/l	90
60) Dibromochloromethane	10.914	129	171763	53.357	ug/l	99
61) 1,2-Dibromoethane	11.018	107	119424	52.670	ug/l	100
64) Tetrachloroethene	10.646	164	155353	51.939	ug/l	95
65) Chlorobenzene	11.444	112	488467	51.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	172522	52.444	ug/l	98
67) Ethyl Benzene	11.518	91	871689	51.634	ug/l	99
68) m/p-Xylenes	11.627	106	649611	101.765	ug/l	94
69) o-Xylene	11.957	106	315722	50.573	ug/l	94
70) Styrene	11.969	104	542246	51.445	ug/l	97
71) Bromoform	12.133	173	95236	50.686	ug/l #	98
73) Isopropylbenzene	12.255	105	836201	50.244	ug/l	99
74) N-amyl acetate	12.072	43	226724	50.091	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	158805	53.759	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	200052	93.038	ug/l #	100
77) Bromobenzene	12.530	156	185084	50.143	ug/l	90
78) n-propylbenzene	12.597	91	987905	50.081	ug/l	99
79) 2-Chlorotoluene	12.682	91	575776	50.085	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	676735	50.018	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	50912	45.454	ug/l	89
82) 4-Chlorotoluene	12.780	91	590251	49.942	ug/l	96
83) tert-Butylbenzene	12.999	119	627404	51.223	ug/l	98
84) 1,2,4-Trimethylbenzene	13.042	105	669221	49.969	ug/l	98
85) sec-Butylbenzene	13.176	105	899249	50.537	ug/l	99
86) p-Isopropyltoluene	13.292	119	727603	49.979	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	357999	49.914	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	354084	49.744	ug/l	97
89) n-Butylbenzene	13.615	91	681536	48.970	ug/l	99
90) Hexachloroethane	13.877	117	150796	49.782	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	321851	50.286	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24612	49.991	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	176509	45.343	ug/l	97
94) Hexachlorobutadiene	15.023	225	94946	45.656	ug/l	99
95) Naphthalene	15.145	128	366995	47.078	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	152696	45.859	ug/l	98

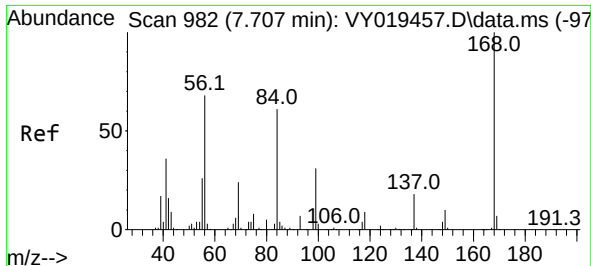
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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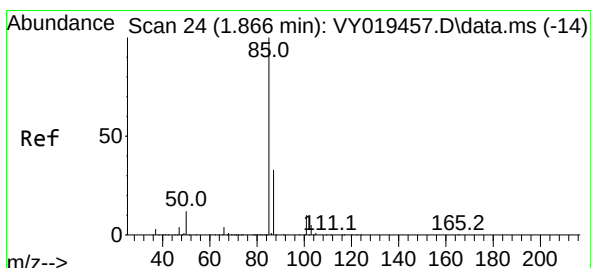
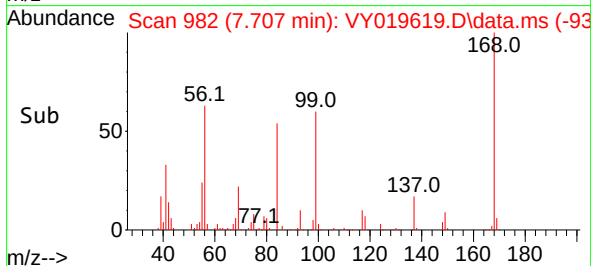
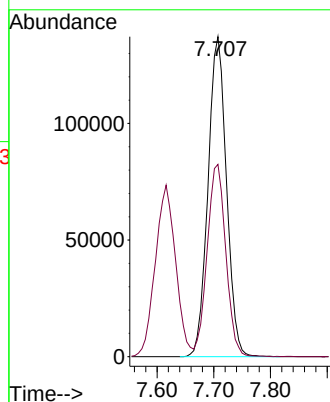
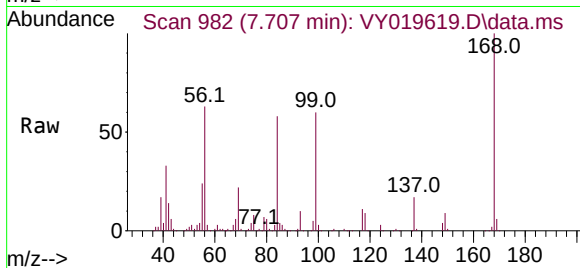
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

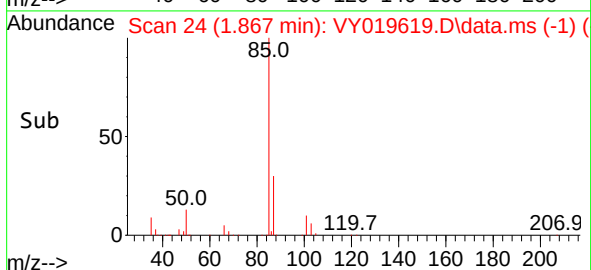
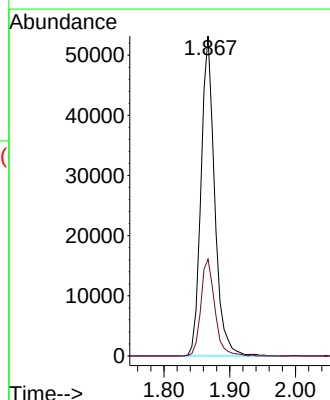
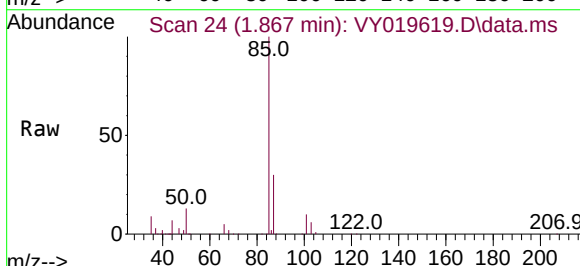
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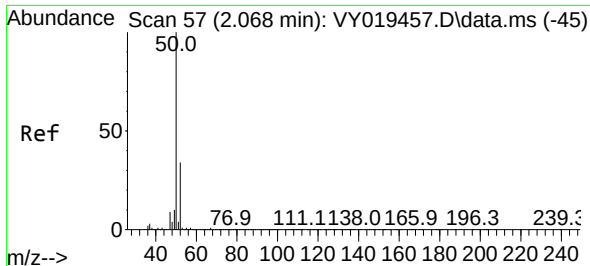
Tgt Ion:168 Resp: 310261
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 44.859 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 85 Resp: 76785
Ion Ratio Lower Upper
85 100
87 30.2 16.0 48.0

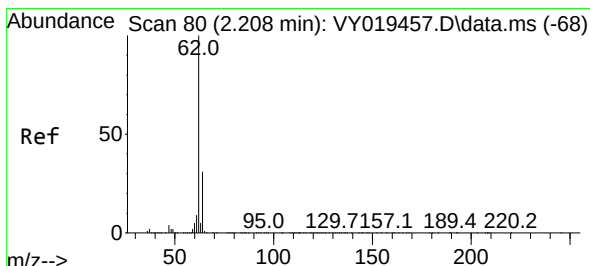
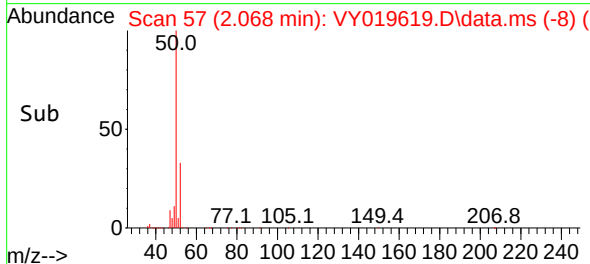
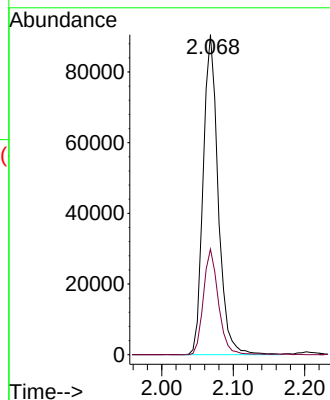
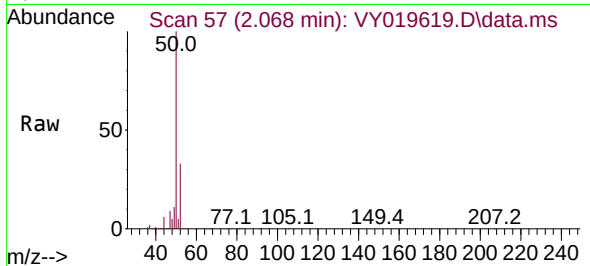




#3
Chloromethane
Concen: 51.415 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

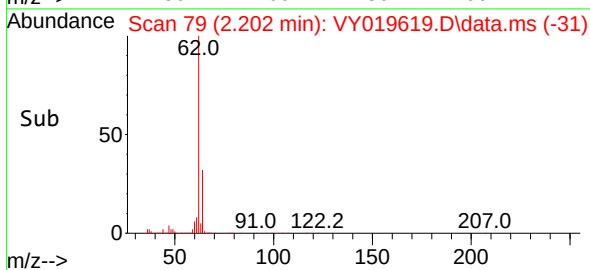
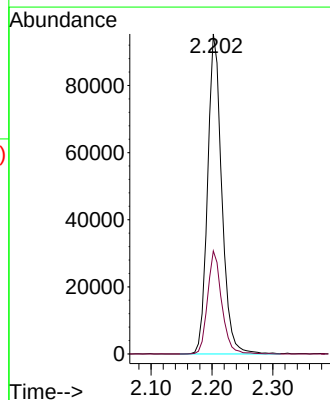
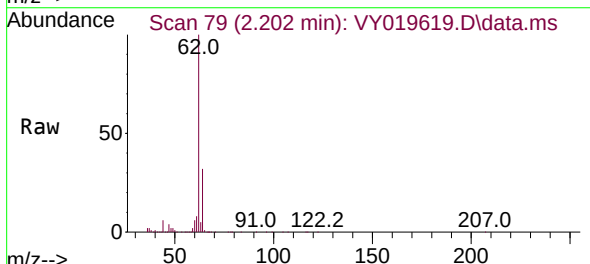
Instrument :
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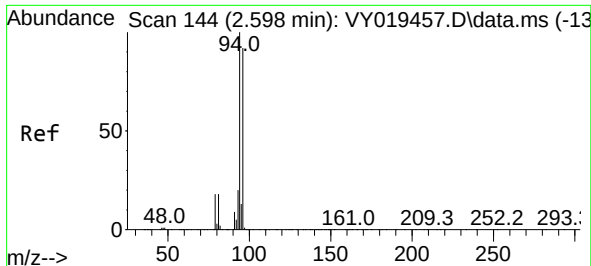
Tgt Ion: 50 Resp: 131981
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 55.509 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 62 Resp: 154078
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

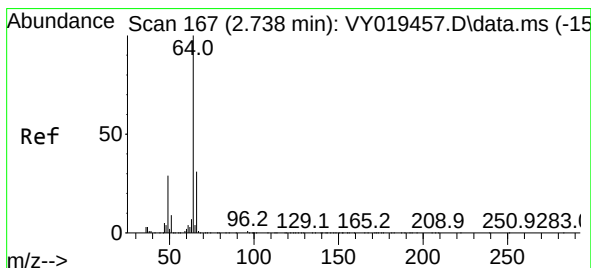
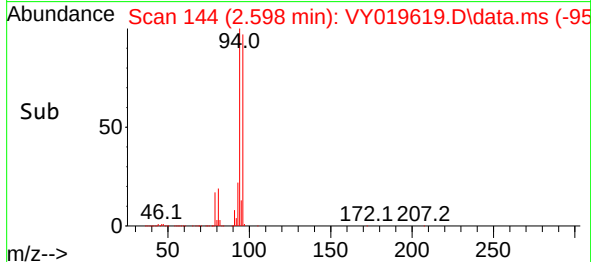
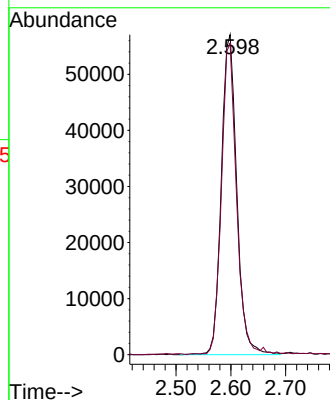
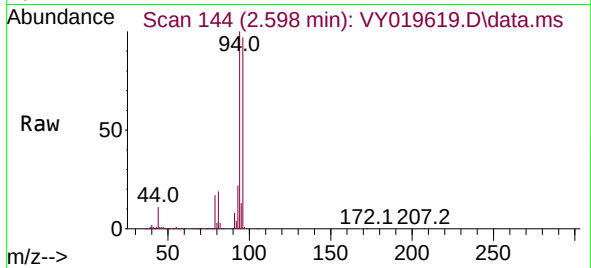




#5
Bromomethane
Concen: 65.664 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

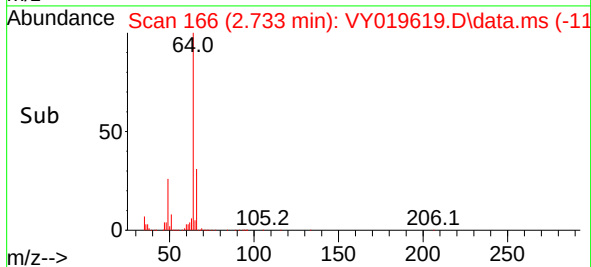
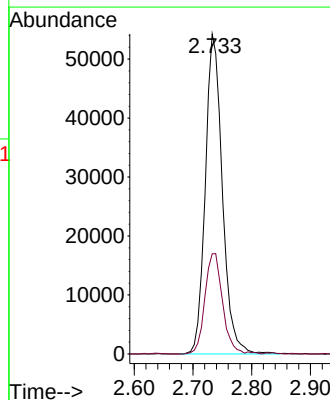
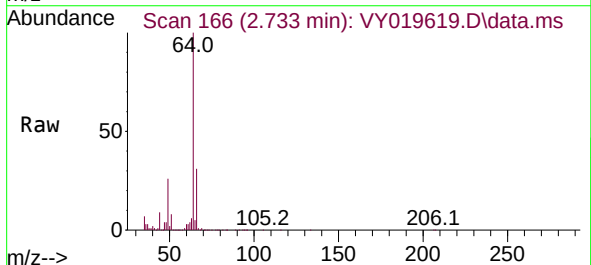
Instrument :
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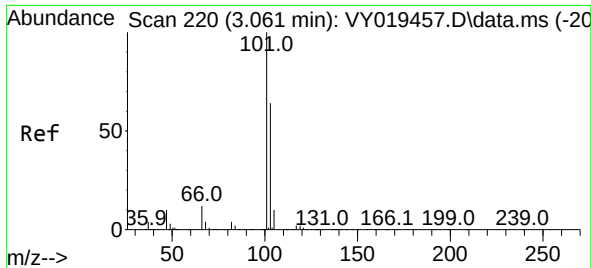
Tgt Ion: 94 Resp: 111956
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1



#6
Chloroethane
Concen: 60.292 ug/l
RT: 2.733 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 64 Resp: 109403
Ion Ratio Lower Upper
64 100
66 31.3 26.1 39.1

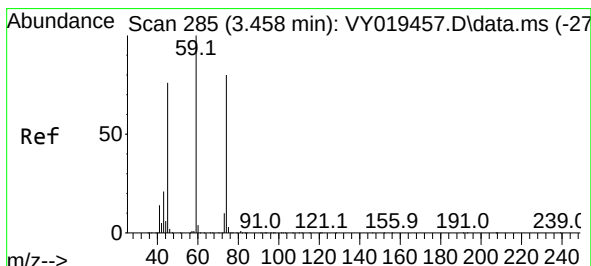
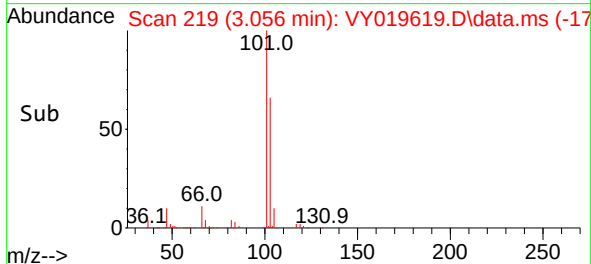
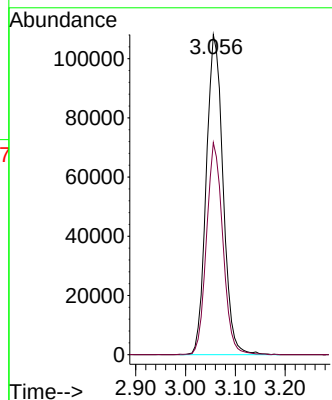
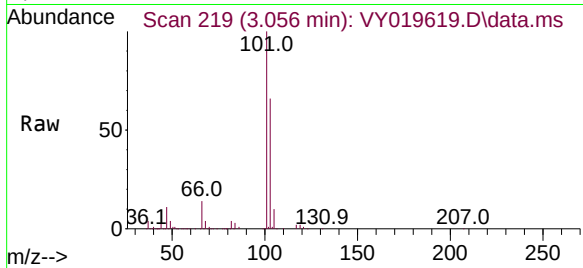




#7
 Trichlorofluoromethane
 Concen: 54.521 ug/l
 RT: 3.056 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

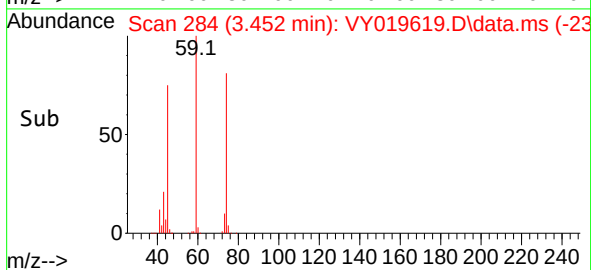
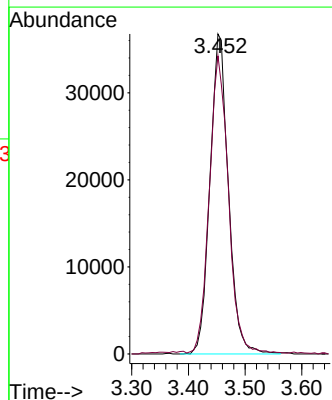
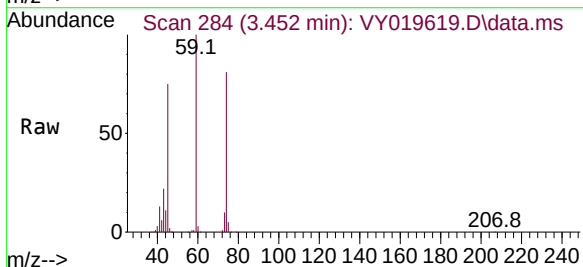
Instrument :
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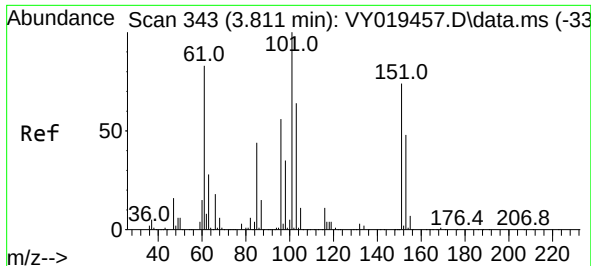
Tgt Ion:101 Resp: 252266
 Ion Ratio Lower Upper
 101 100
 103 66.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 53.342 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

Tgt Ion: 74 Resp: 82849
 Ion Ratio Lower Upper
 74 100
 45 96.2 41.3 124.1

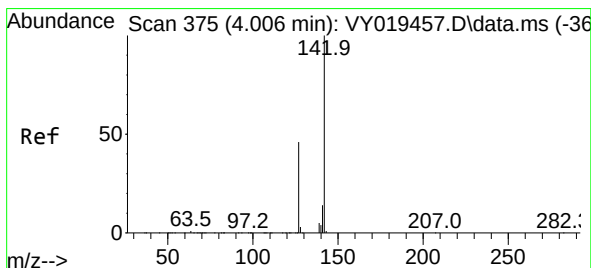
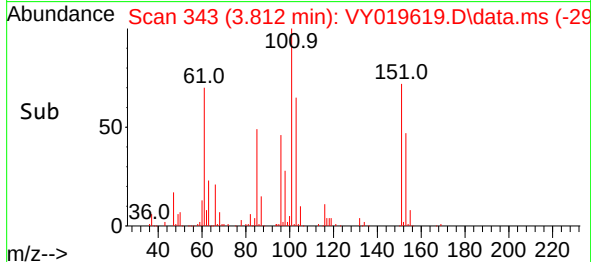
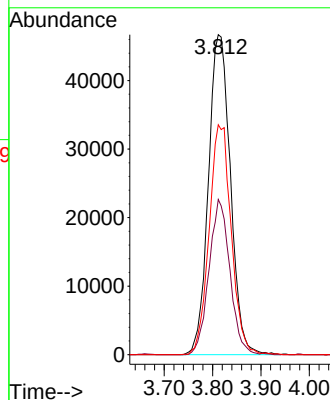
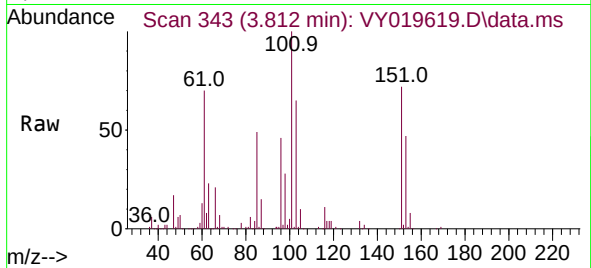




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.537 ug/l
RT: 3.812 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY019619.D
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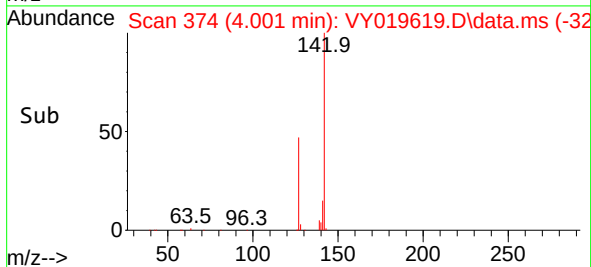
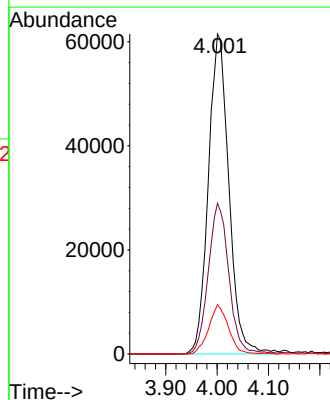
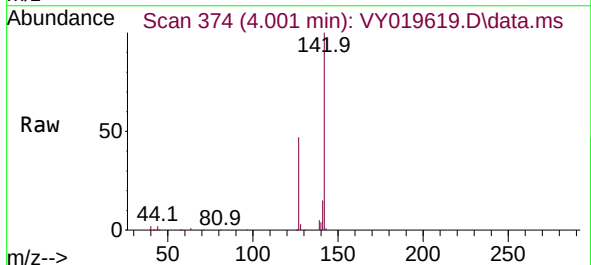
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MSVOA_Y
ClientSampleId :

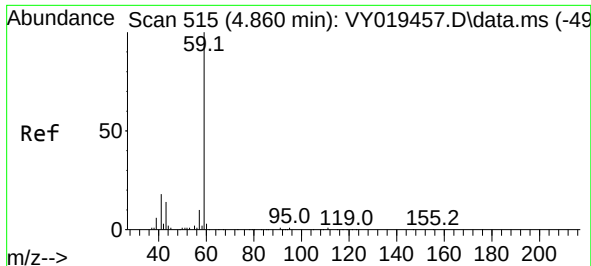
Tgt Ion:101 Resp: 147514
Ion Ratio Lower Upper
101 100
85 46.0 34.5 51.7
151 72.3 61.7 92.5



#10
Methyl Iodide
Concen: 46.494 ug/l
RT: 4.001 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion:142 Resp: 170621
Ion Ratio Lower Upper
142 100
127 47.2 32.8 49.2
141 14.7 11.4 17.2

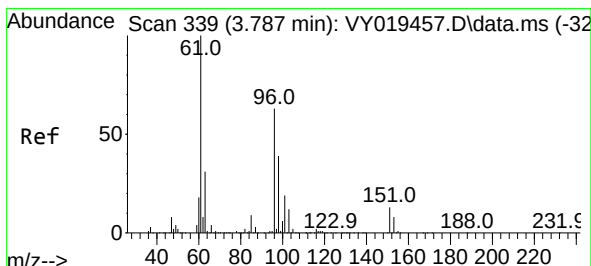
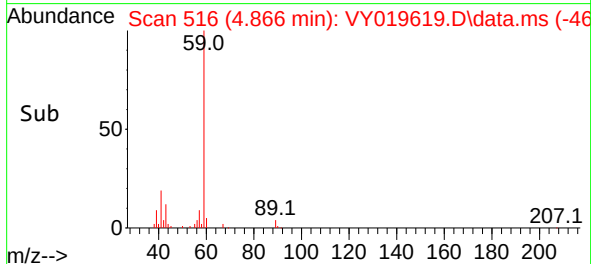
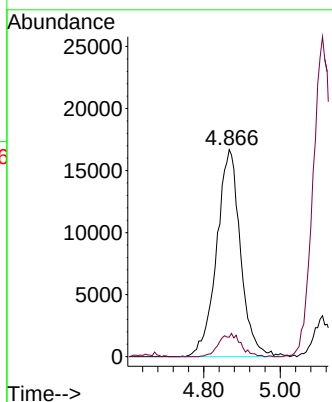
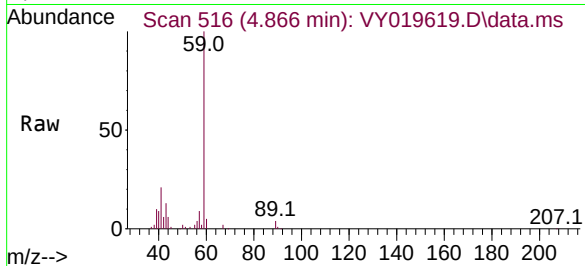




#11
Tert butyl alcohol
Concen: 310.762 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.007 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

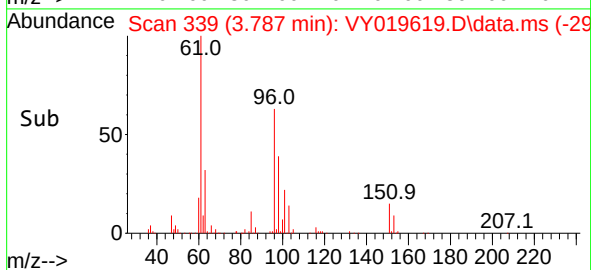
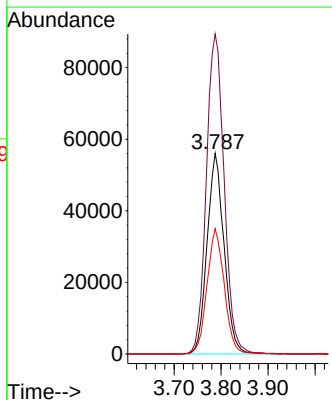
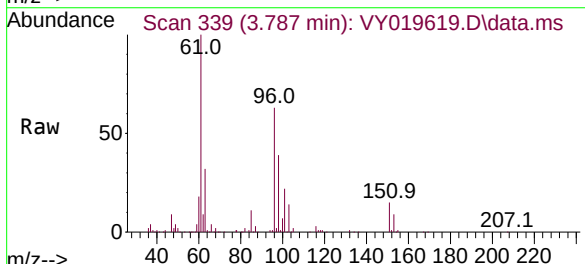
Instrument :
MSVOA_Y
ClientSampleId :

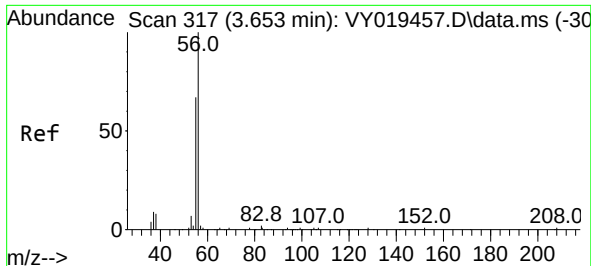
Tgt Ion: 59 Resp: 72101
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 51.118 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 96 Resp: 140713
Ion Ratio Lower Upper
96 100
61 159.5 114.6 171.8
98 62.5 50.8 76.2

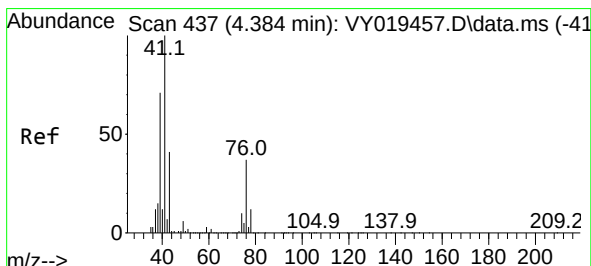
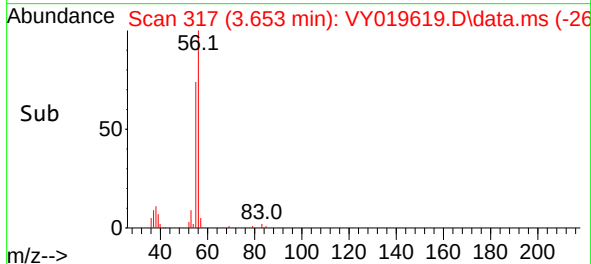
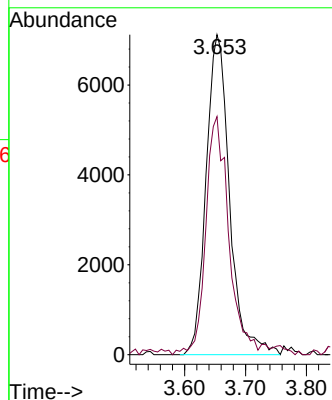
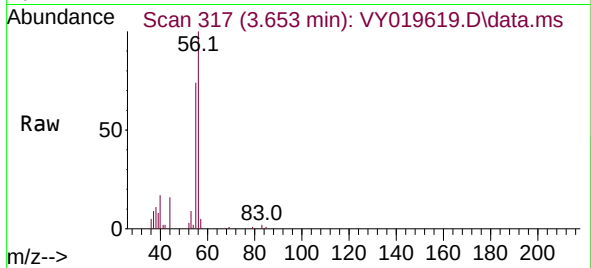




#13
Acrolein
Concen: 165.771 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

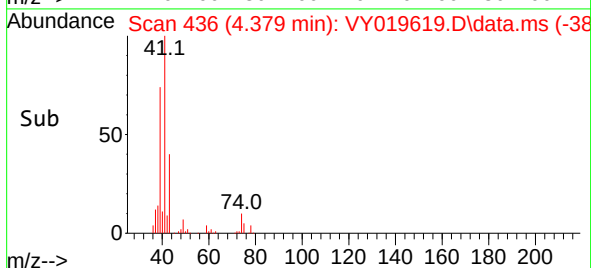
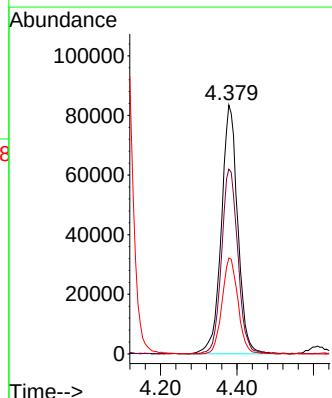
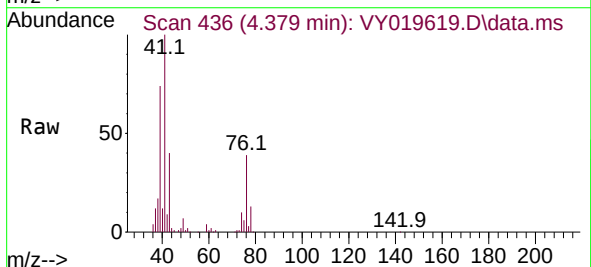
Instrument :
MSVOA_Y
ClientSampleId :

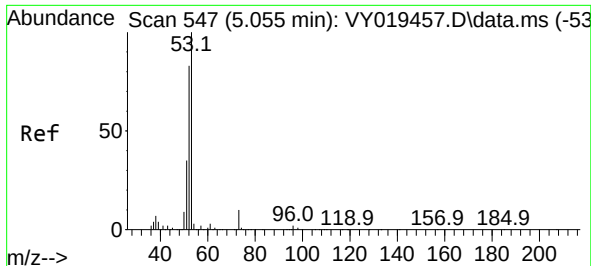
Tgt Ion: 56 Resp: 19055
Ion Ratio Lower Upper
56 100
55 72.5 55.7 83.5



#14
Allyl chloride
Concen: 50.169 ug/l
RT: 4.379 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

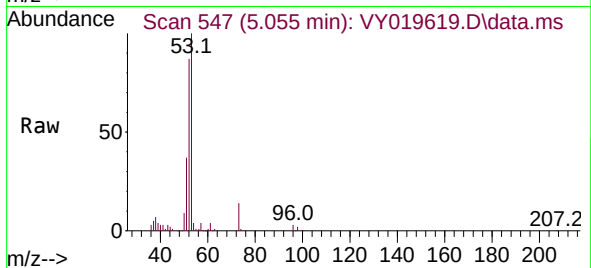
Tgt Ion: 41 Resp: 247656
Ion Ratio Lower Upper
41 100
39 74.3 58.3 87.5
76 37.6 39.0 58.6#



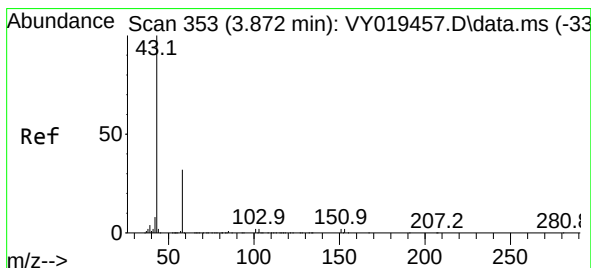
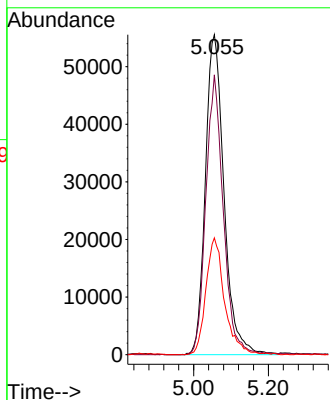
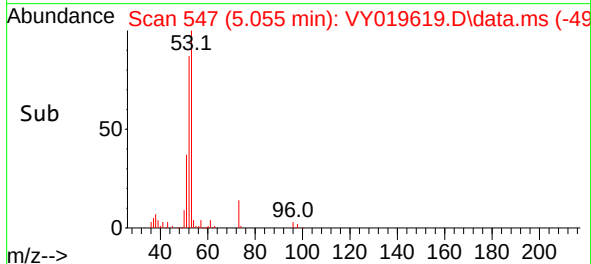


#15
Acrylonitrile
Concen: 286.854 ug/l
RT: 5.055 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Instrument :
MSVOA_Y
ClientSampleId :

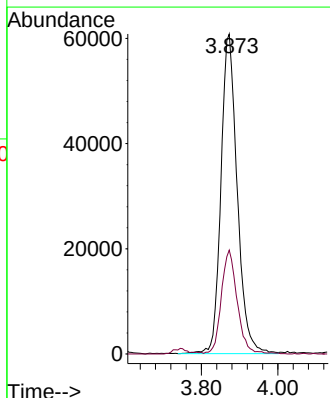
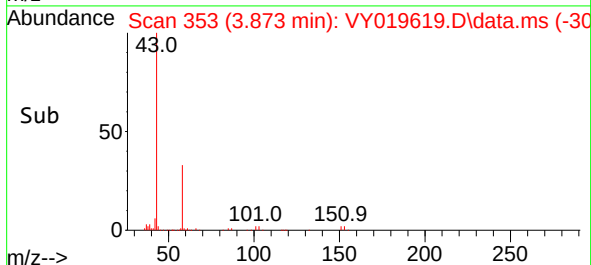
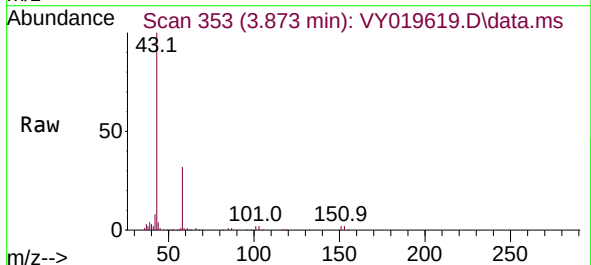


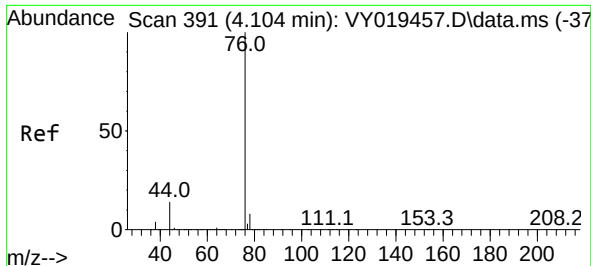
Tgt Ion: 53 Resp: 192104
Ion Ratio Lower Upper
53 100
52 81.9 64.7 97.1
51 36.6 28.4 42.6



#16
Acetone
Concen: 262.554 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 43 Resp: 179702
Ion Ratio Lower Upper
43 100
58 32.3 31.7 47.5

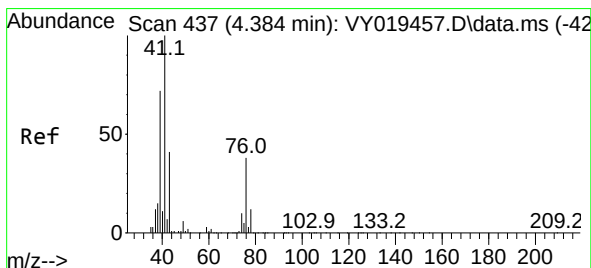
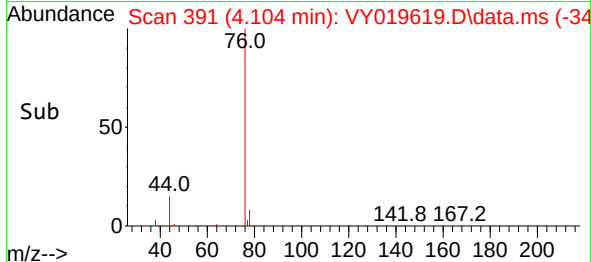
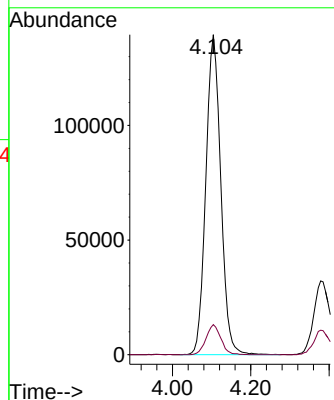
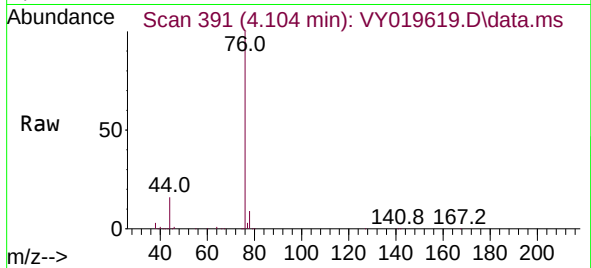




#17
Carbon Disulfide
Concen: 49.546 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

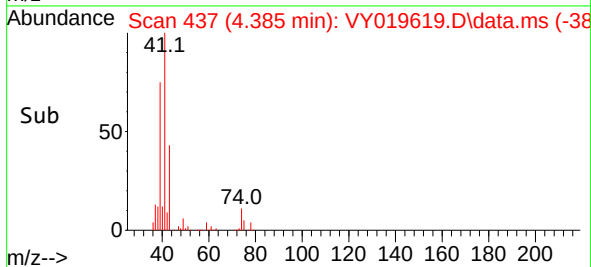
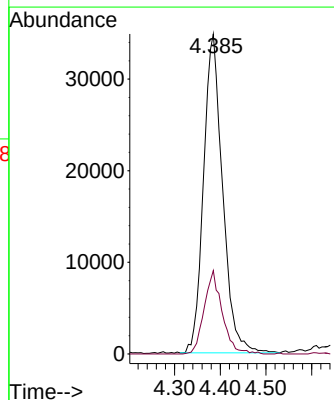
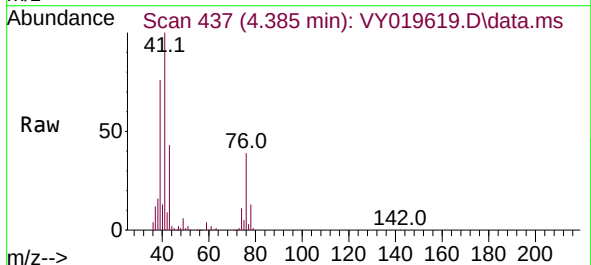
Instrument :
MSVOA_Y
ClientSampleId :

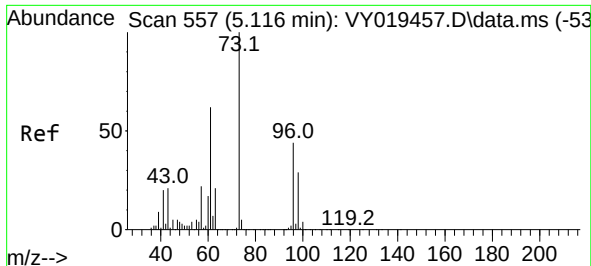
Tgt Ion: 76 Resp: 368494
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 54.345 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 43 Resp: 100941
Ion Ratio Lower Upper
43 100
74 24.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 55.292 ug/l

RT: 5.110 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

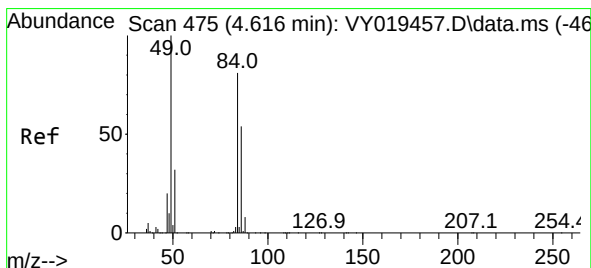
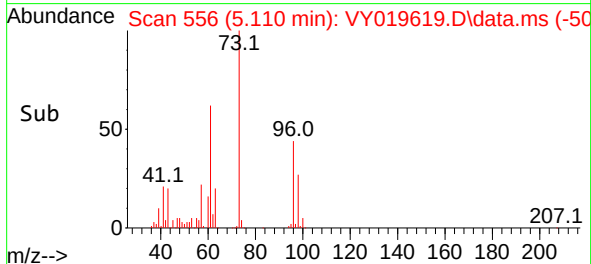
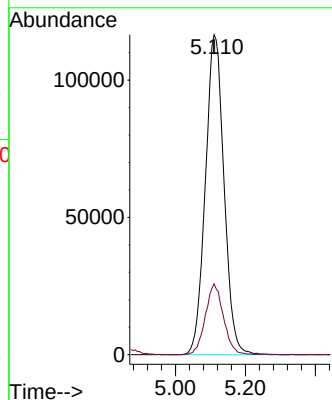
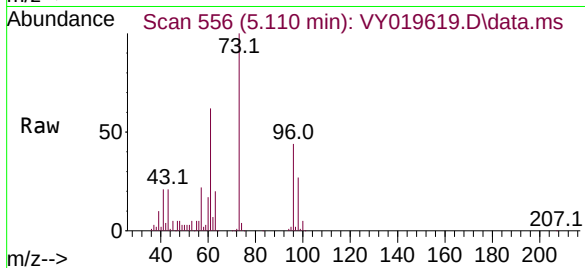
ClientSampleId :

Tgt Ion: 73 Resp: 431071

Ion Ratio Lower Upper

73 100

57 22.1 17.3 25.9



#20

Methylene Chloride

Concen: 56.516 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion: 84 Resp: 176406

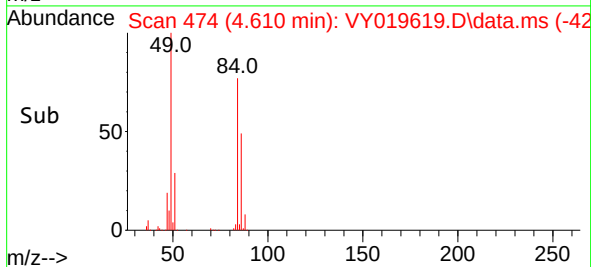
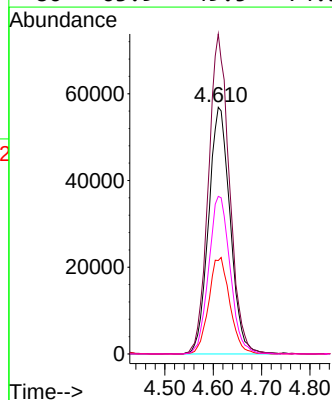
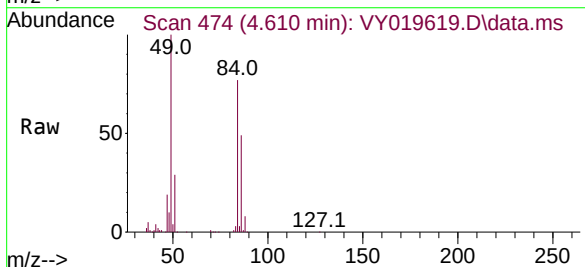
Ion Ratio Lower Upper

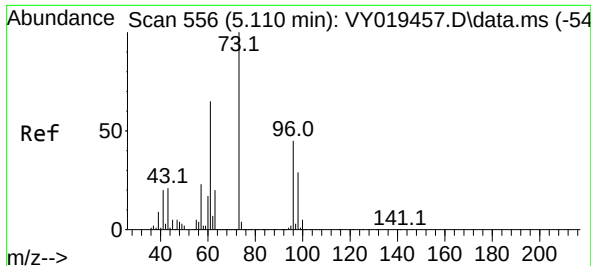
84 100

49 129.7 84.4 126.6

51 37.8 26.0 39.0

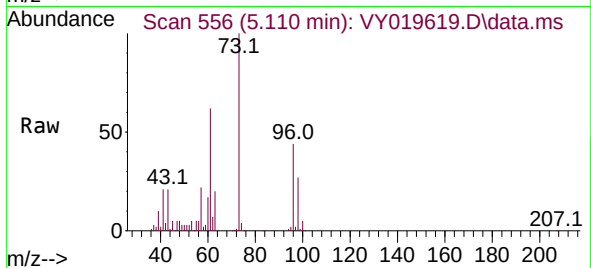
86 63.9 49.5 74.3



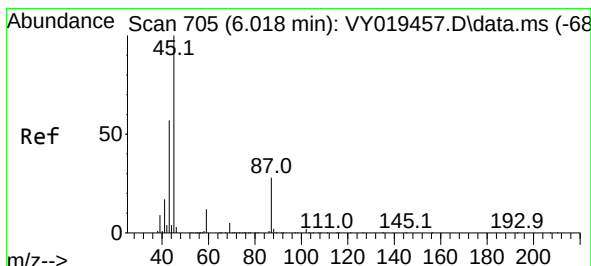
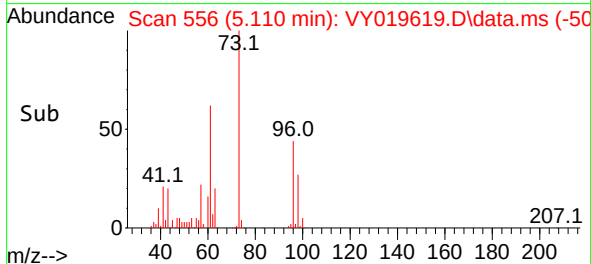
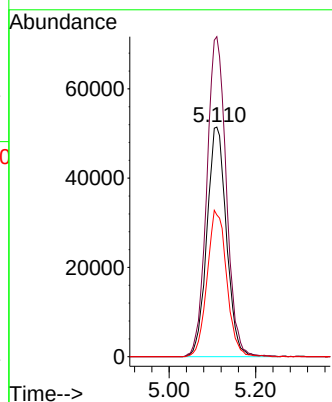


#21
trans-1,2-Dichloroethene
Concen: 53.462 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Instrument :
MSVOA_Y
ClientSampleId :

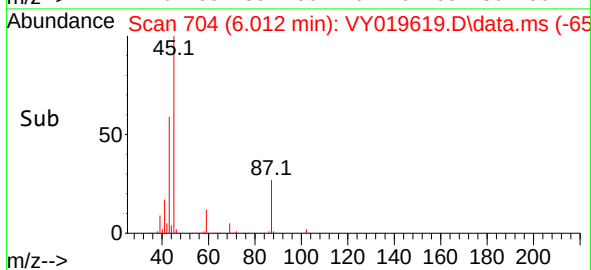
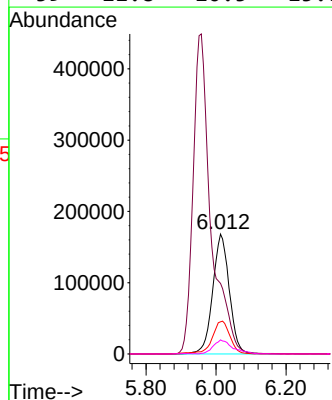
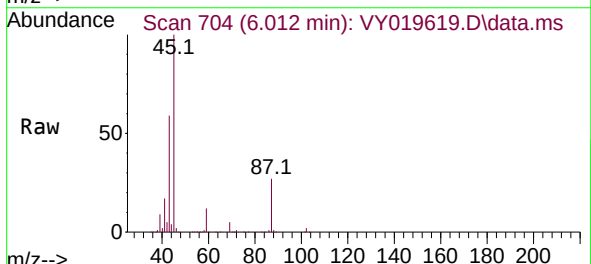


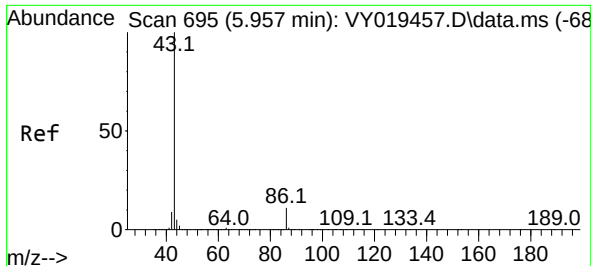
Tgt Ion: 96 Resp: 161304
Ion Ratio Lower Upper
96 100
61 139.4 97.5 146.3
98 61.8 50.5 75.7



#22
Diisopropyl ether
Concen: 54.586 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

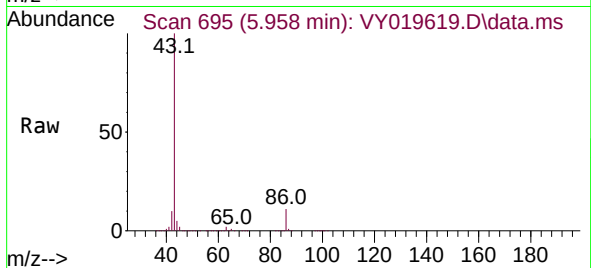
Tgt Ion: 45 Resp: 553343
Ion Ratio Lower Upper
45 100
43 58.6 42.2 63.2
87 26.9 25.0 37.6
59 11.8 10.5 15.7



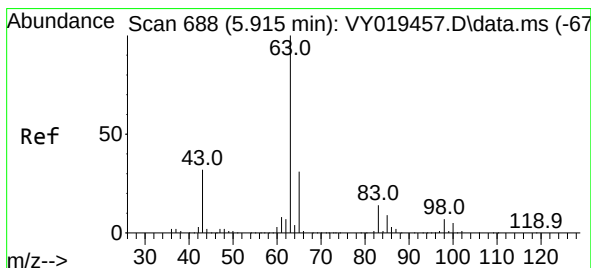
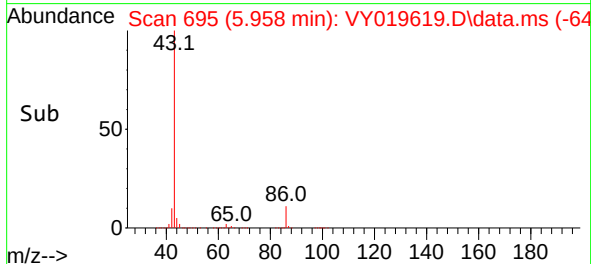
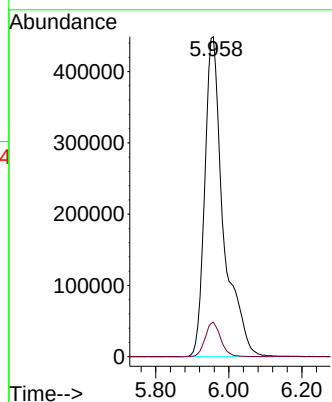


#23
 Vinyl Acetate
 Concen: 274.154 ug/l
 RT: 5.958 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

Instrument :
 MSVOA_Y
 ClientSampleId :

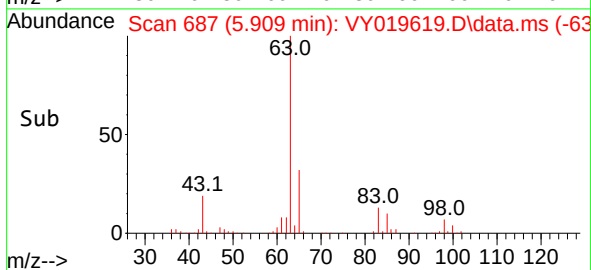
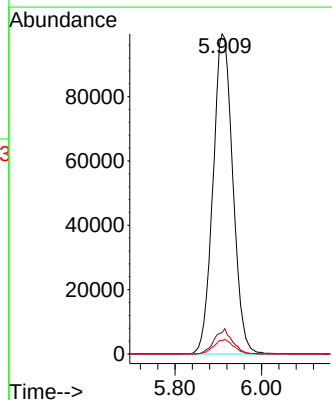
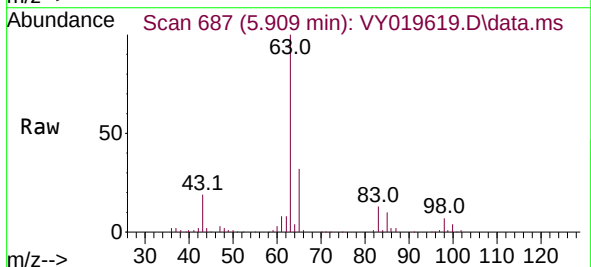


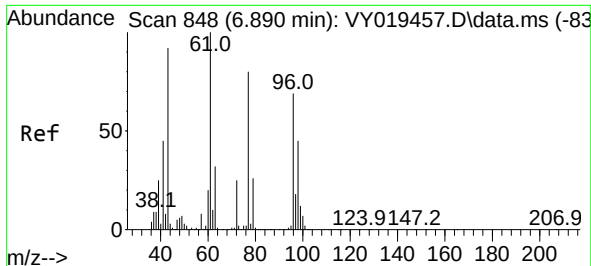
Tgt Ion: 43 Resp: 1587392
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 55.549 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

Tgt Ion: 63 Resp: 315983
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.2 2.6 8.0





#25

2-Butanone

Concen: 281.188 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

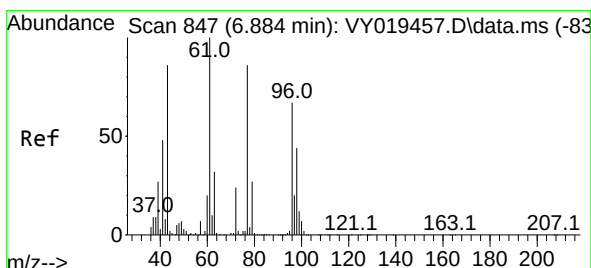
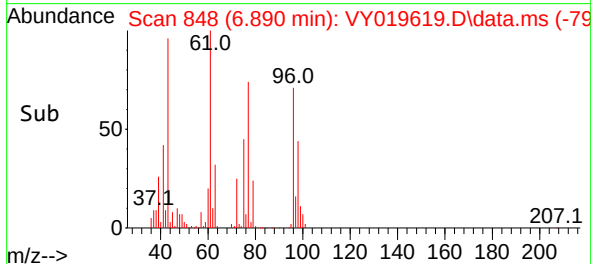
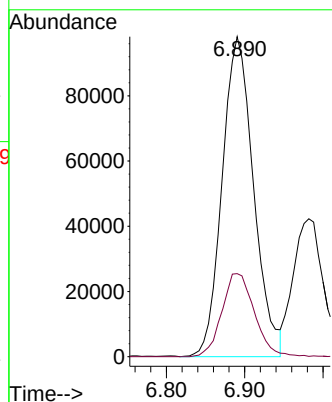
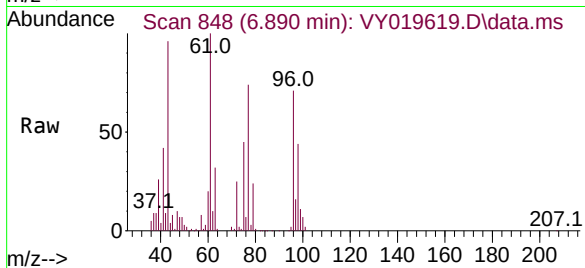
ClientSampleId :

Tgt Ion: 43 Resp: 273721

Ion Ratio Lower Upper

43 100

72 26.0 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 51.130 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY019619.D

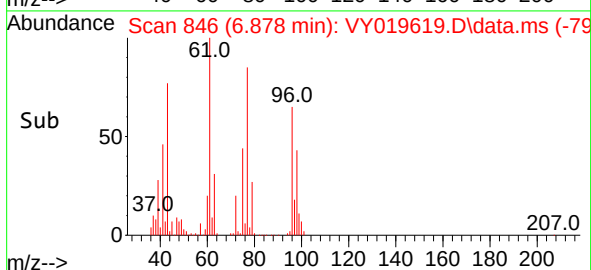
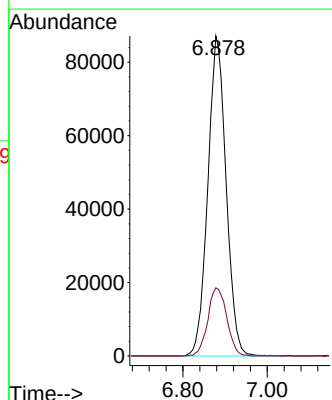
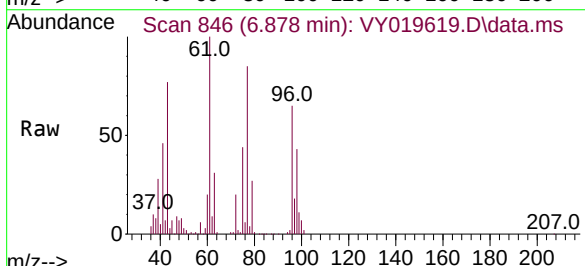
Acq: 18 Sep 2024 20:24

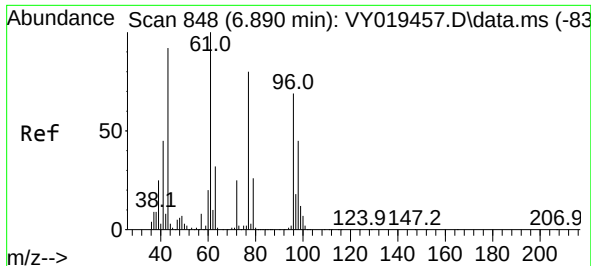
Tgt Ion: 77 Resp: 262347

Ion Ratio Lower Upper

77 100

97 22.1 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 55.879 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.006 min

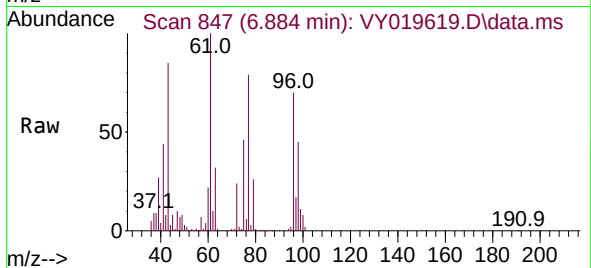
Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

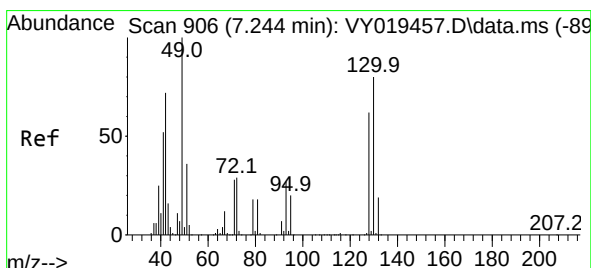
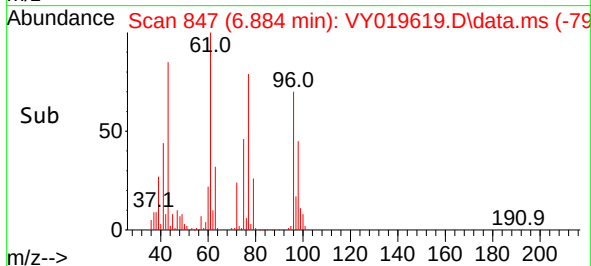
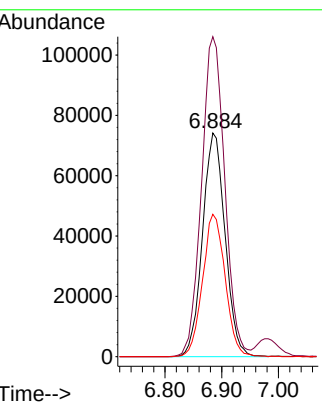
MSVOA_Y

ClientSampleId :



Tgt Ion: 96 Resp: 204799

Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	256.2
98	63.7	0.0	130.0



#28

Bromochloromethane

Concen: 64.397 ug/l

RT: 7.238 min Scan# 905

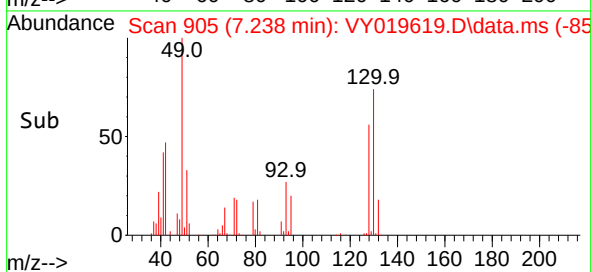
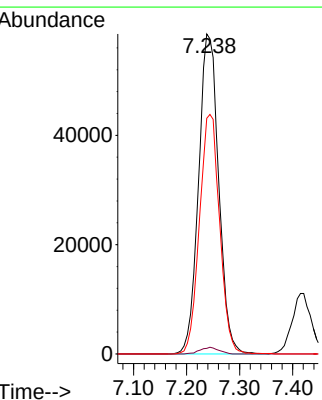
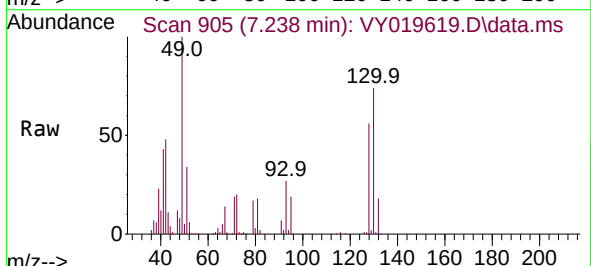
Delta R.T. -0.006 min

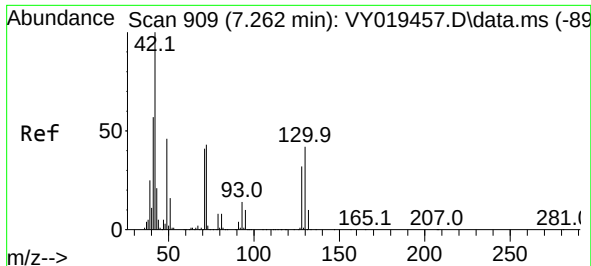
Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion: 49 Resp: 154124

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	75.0	72.7	109.1

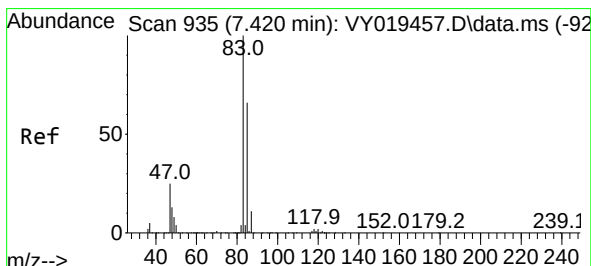
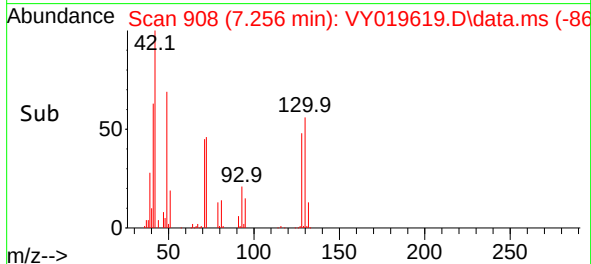
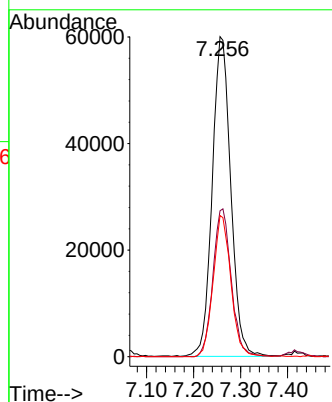
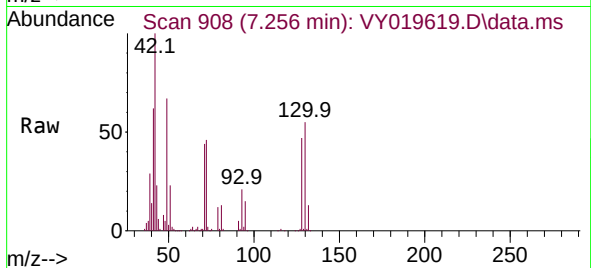




#29
Tetrahydrofuran
Concen: 277.766 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

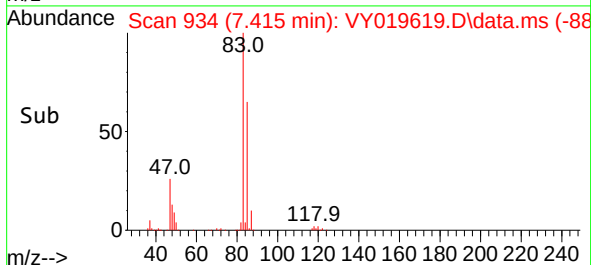
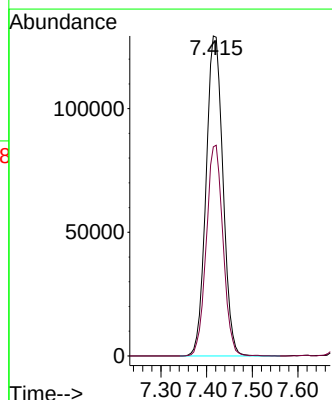
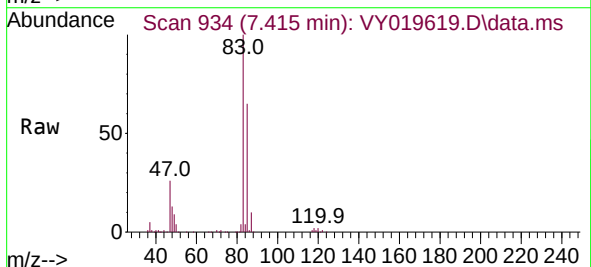
Instrument :
MSVOA_Y
ClientSampleId :

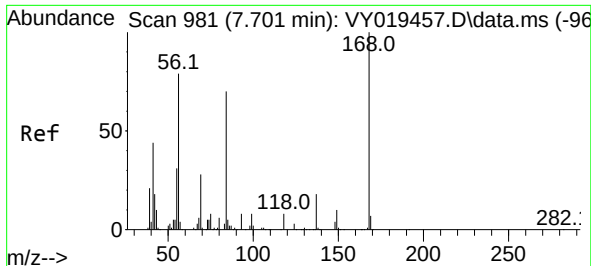
Tgt Ion: 42 Resp: 164401
Ion Ratio Lower Upper
42 100
72 45.6 43.0 64.4
71 42.3 40.8 61.2



#30
Chloroform
Concen: 57.146 ug/l
RT: 7.415 min Scan# 934
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

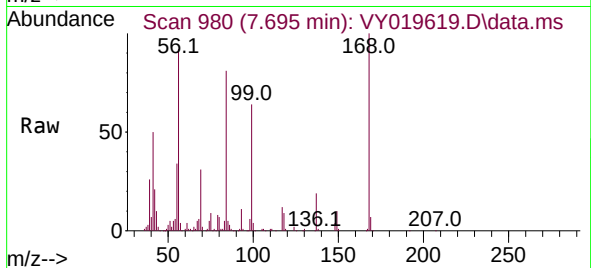
Tgt Ion: 83 Resp: 331840
Ion Ratio Lower Upper
83 100
85 65.4 52.2 78.4



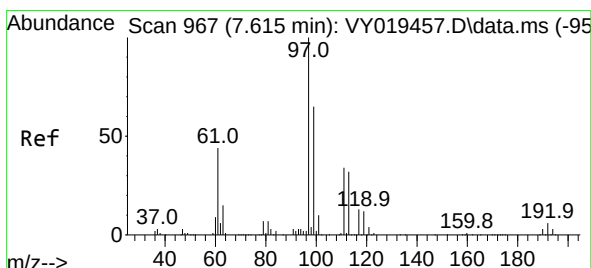
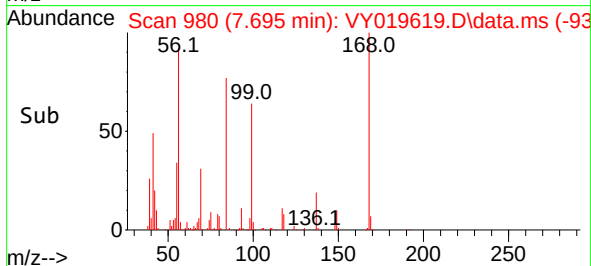
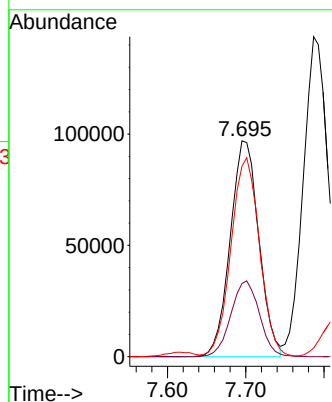


#31
Cyclohexane
Concen: 47.886 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Instrument :
MSVOA_Y
ClientSampleId :

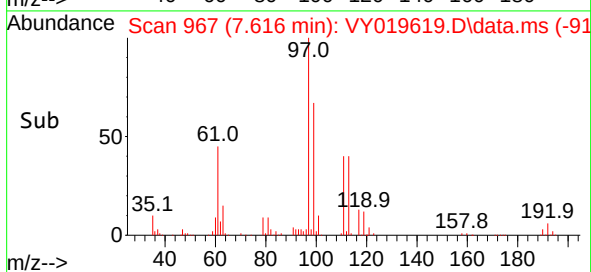
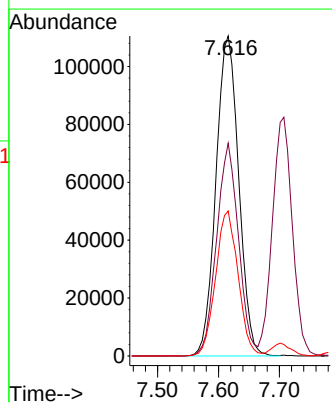
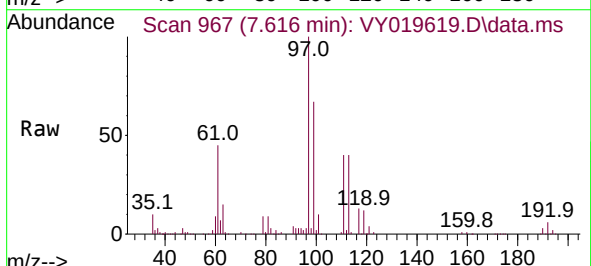


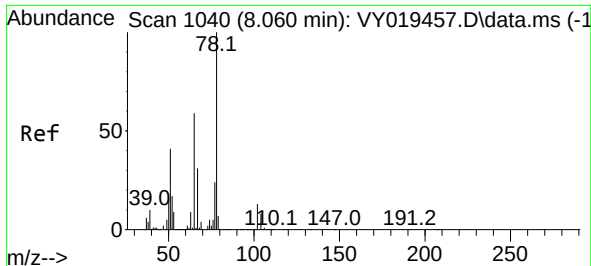
Tgt Ion: 56 Resp: 246211
Ion Ratio Lower Upper
56 100
69 33.9 28.7 43.1
84 86.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.188 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 97 Resp: 287245
Ion Ratio Lower Upper
97 100
99 64.0 50.3 75.5
61 44.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 60.541 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

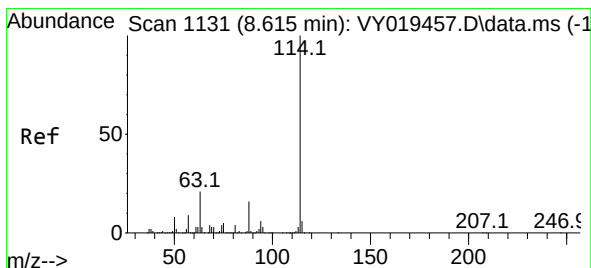
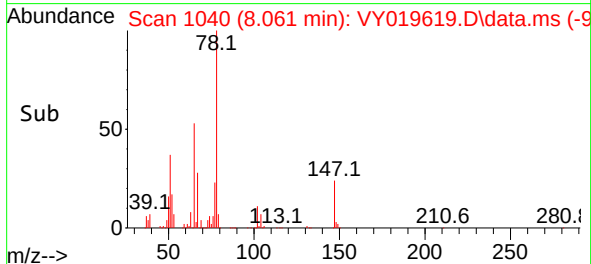
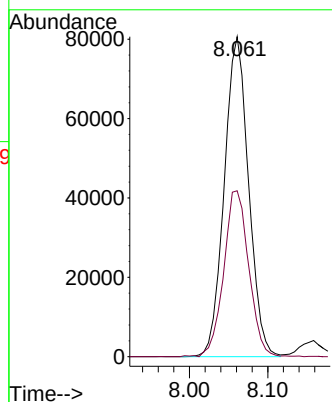
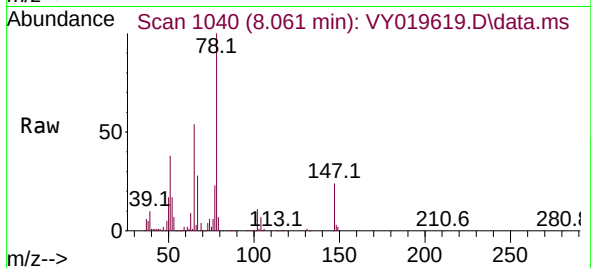
ClientSampleId :

Tgt Ion: 65 Resp: 173932

Ion Ratio Lower Upper

65 100

67 53.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

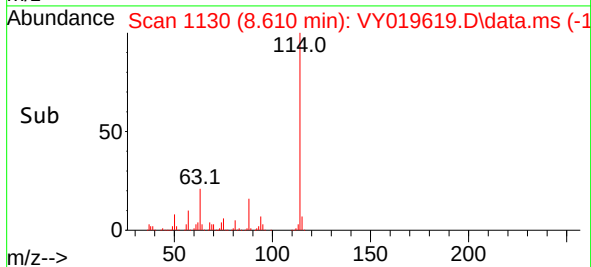
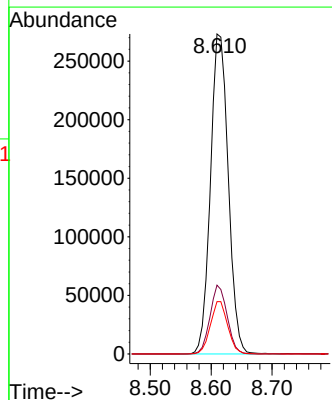
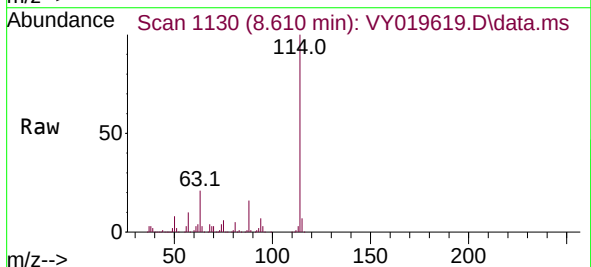
Tgt Ion: 114 Resp: 554699

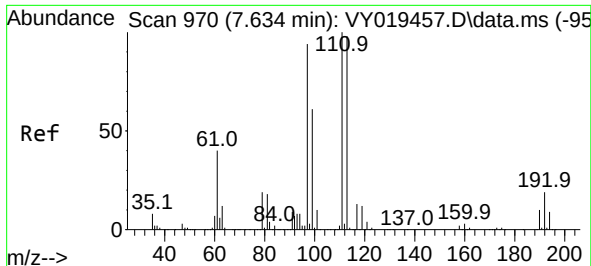
Ion Ratio Lower Upper

114 100

63 21.5 0.0 35.0

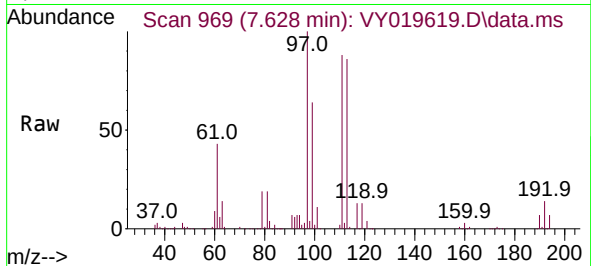
88 16.4 0.0 27.2



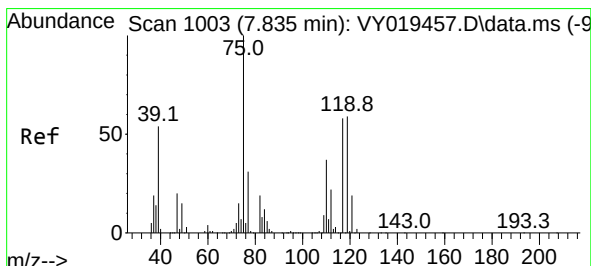
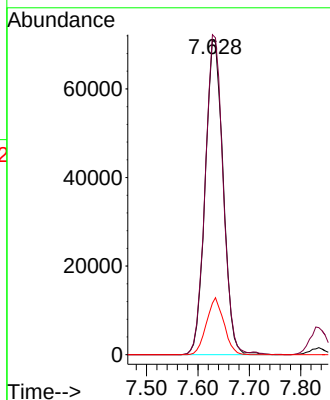
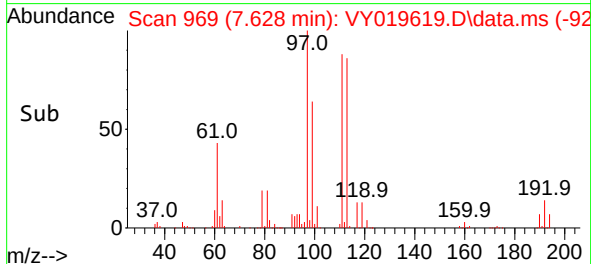


#35
 Dibromofluoromethane
 Concen: 54.846 ug/l
 RT: 7.628 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

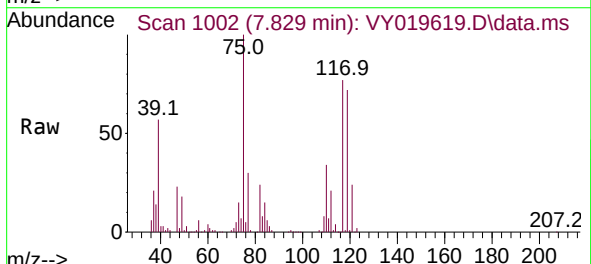
Instrument :
 MSVOA_Y
 ClientSampleId :



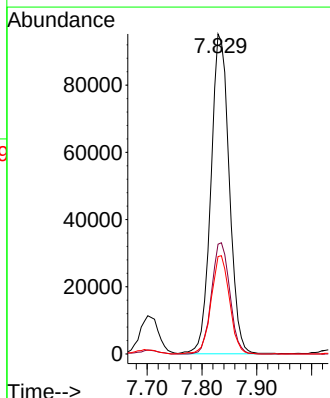
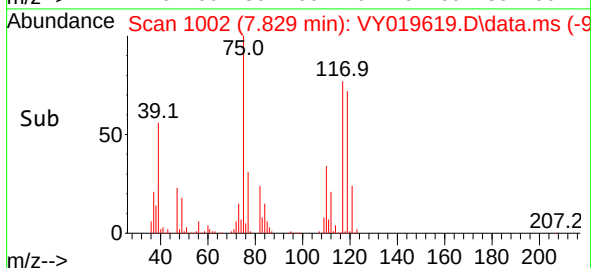
Tgt Ion:113 Resp: 172494
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.2 123.4
 192 17.6 15.9 23.9

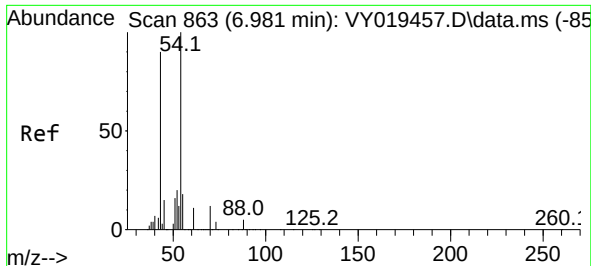


#36
 1,1-Dichloropropene
 Concen: 51.645 ug/l
 RT: 7.829 min Scan# 1002
 Delta R.T. -0.006 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24



Tgt Ion: 75 Resp: 221013
 Ion Ratio Lower Upper
 75 100
 110 34.7 19.0 57.0
 77 30.7 25.3 37.9





#37

Ethyl Acetate

Concen: 52.881 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

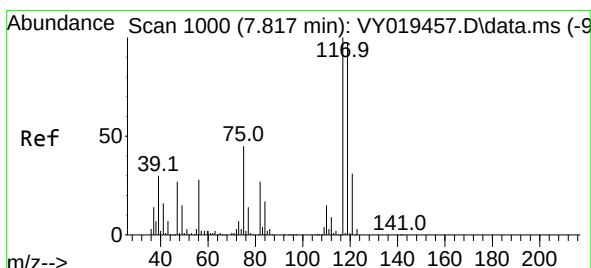
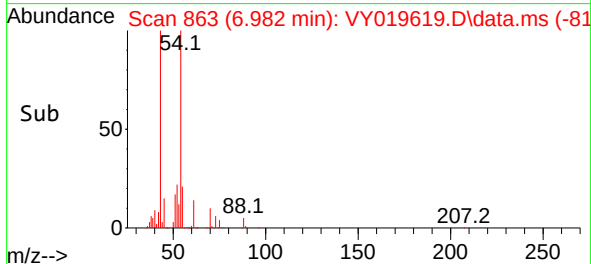
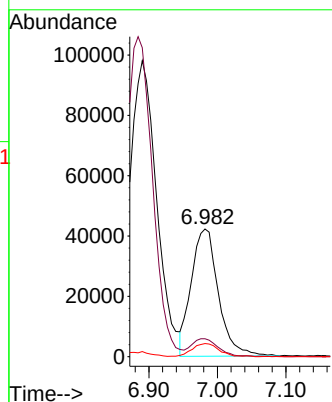
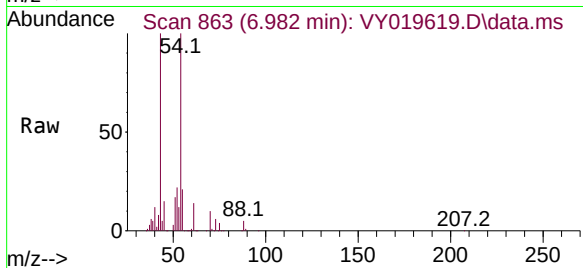
Tgt Ion: 43 Resp: 115953

Ion Ratio Lower Upper

43 100

61 13.6 12.6 19.0

70 10.4 7.8 11.8



#38

Carbon Tetrachloride

Concen: 51.490 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

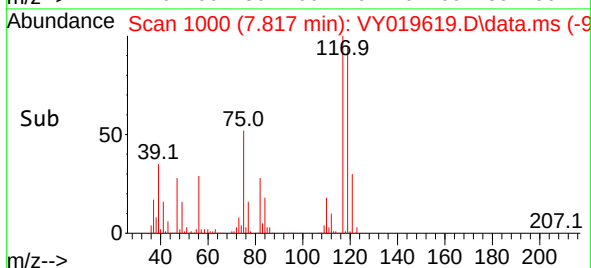
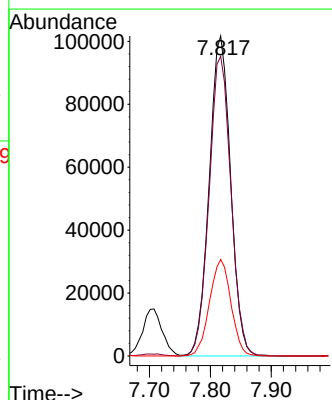
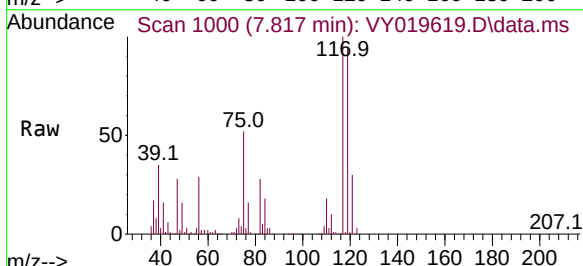
Tgt Ion: 117 Resp: 248488

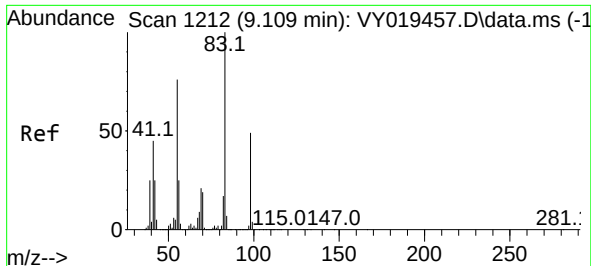
Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.6

121 30.1 24.0 36.0





#39

Methylcyclohexane

Concen: 48.496 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. 0.000 min

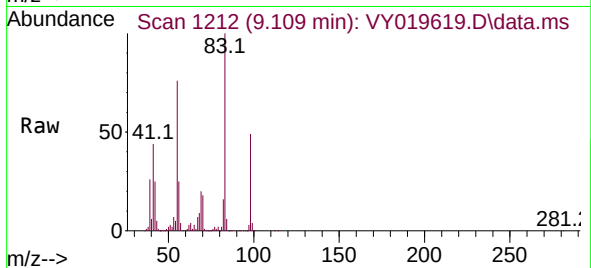
Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :



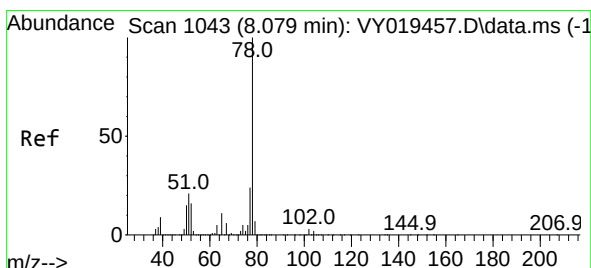
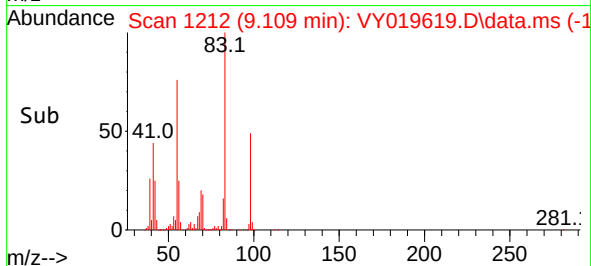
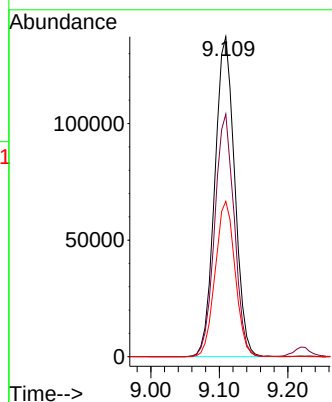
Tgt Ion: 83 Resp: 276189

Ion Ratio Lower Upper

83 100

55 75.8 51.5 77.3

98 48.6 40.5 60.7



#40

Benzene

Concen: 52.364 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019619.D

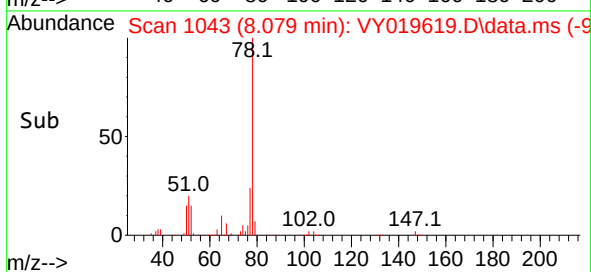
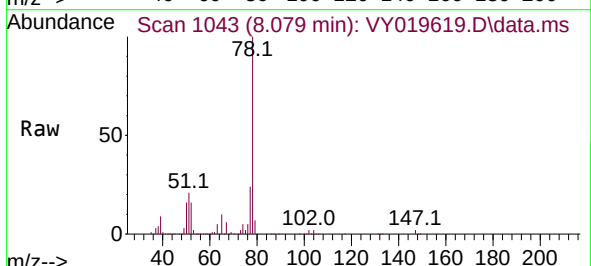
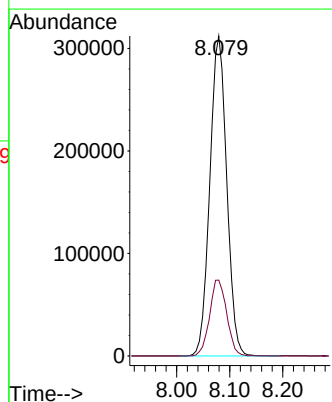
Acq: 18 Sep 2024 20:24

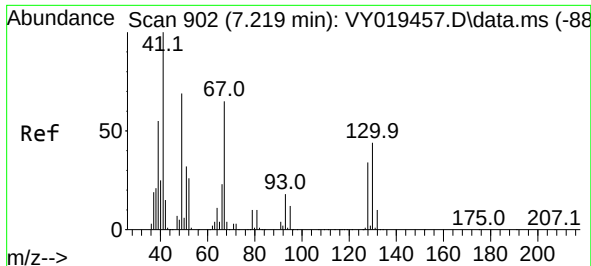
Tgt Ion: 78 Resp: 690210

Ion Ratio Lower Upper

78 100

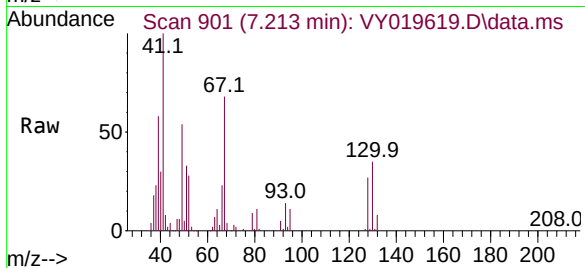
77 23.7 19.5 29.3



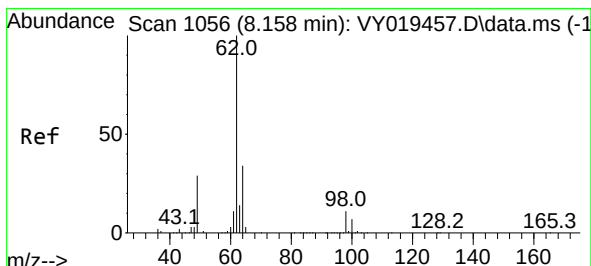
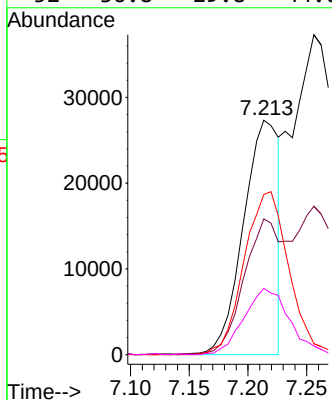
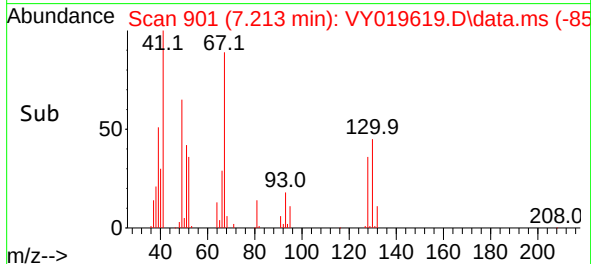


#41
Methacrylonitrile
Concen: 44.812 ug/l
RT: 7.213 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Instrument :
MSVOA_Y
ClientSampleId :

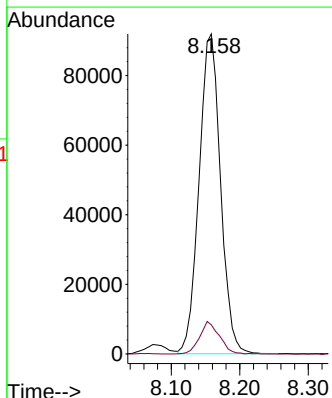
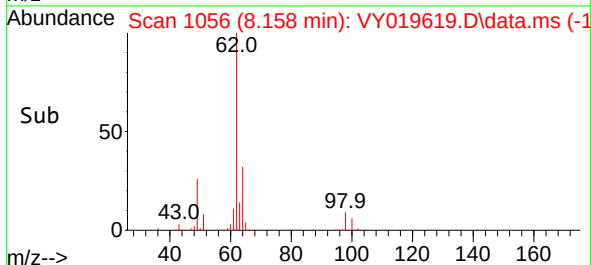
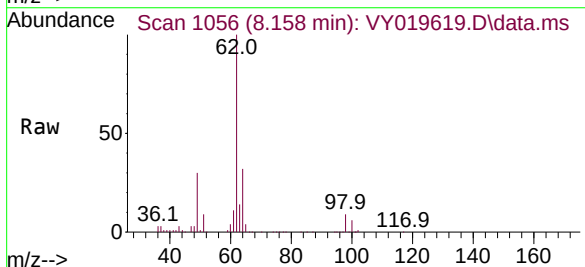


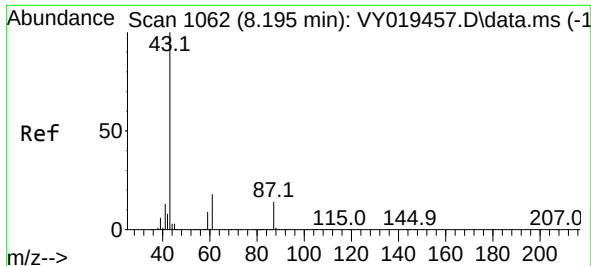
Tgt Ion: 41 Resp: 57278
Ion Ratio Lower Upper
41 100
39 73.0 48.0 72.0#
67 87.5 75.1 112.7
52 36.8 29.8 44.6



#42
1,2-Dichloroethane
Concen: 56.484 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

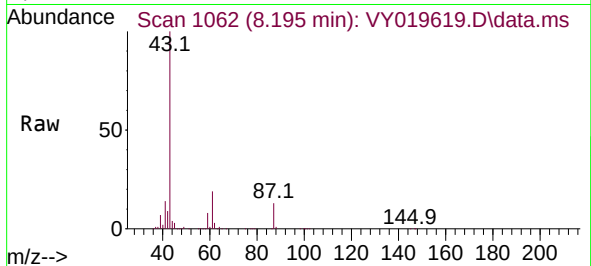
Tgt Ion: 62 Resp: 200340
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0



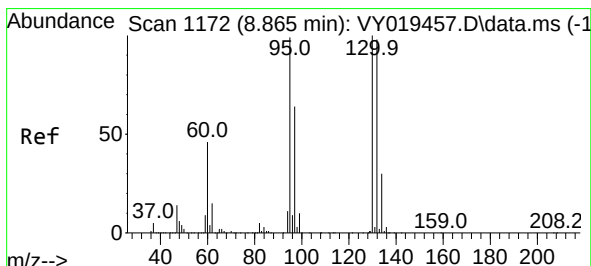
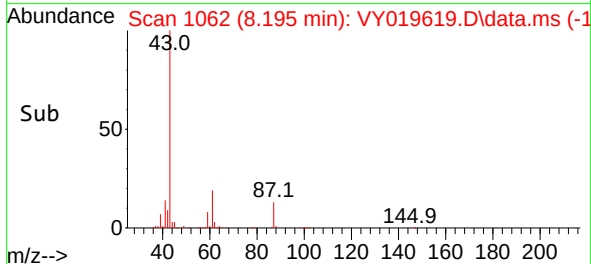
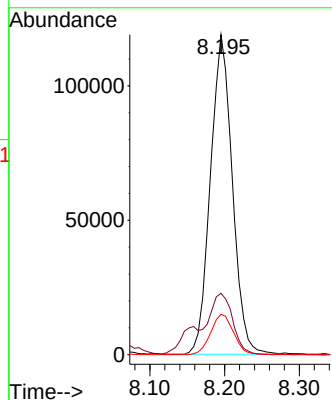


#43
Isopropyl Acetate
Concen: 52.643 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Instrument :
MSVOA_Y
ClientSampleId :

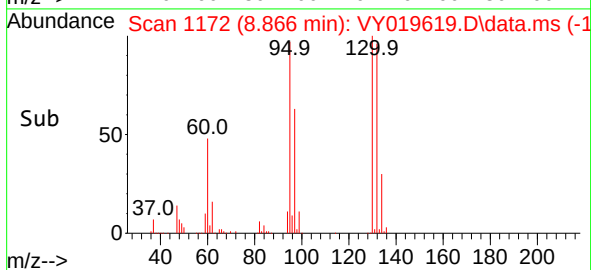
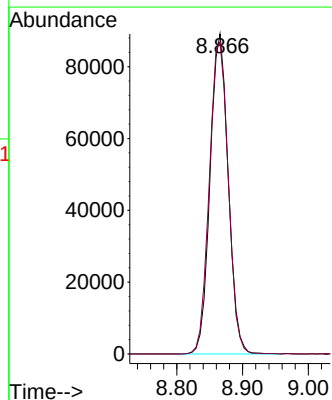
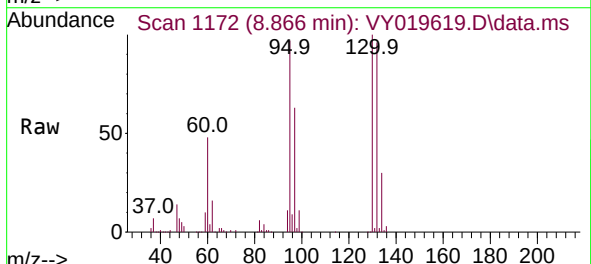


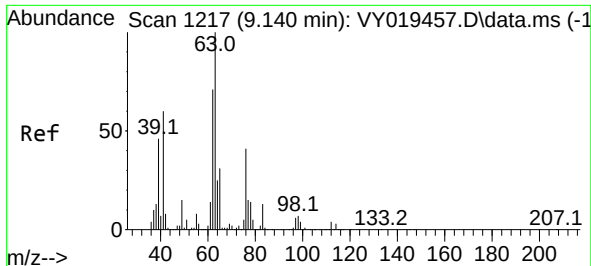
Tgt Ion: 43 Resp: 242511
Ion Ratio Lower Upper
43 100
61 20.9 27.9 41.9#
87 13.1 13.1 19.7



#44
Trichloroethene
Concen: 50.529 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion:130 Resp: 171288
Ion Ratio Lower Upper
130 100
95 97.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 52.127 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

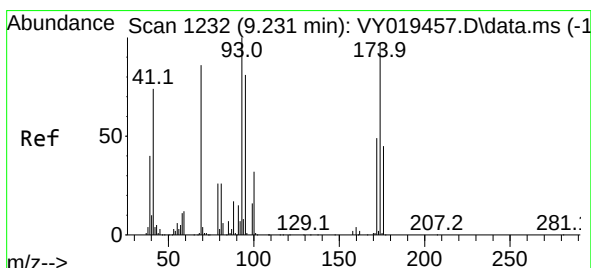
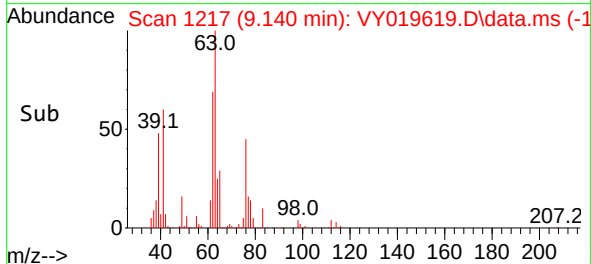
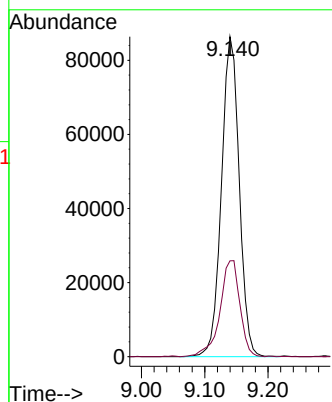
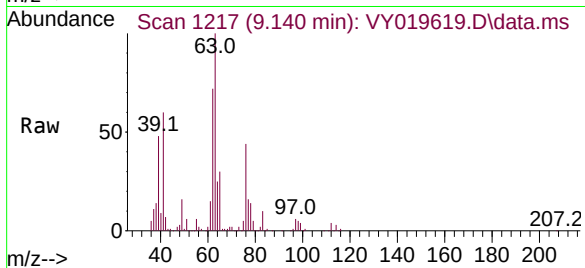
ClientSampleId :

Tgt Ion: 63 Resp: 167975

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.2



#46

Dibromomethane

Concen: 55.458 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

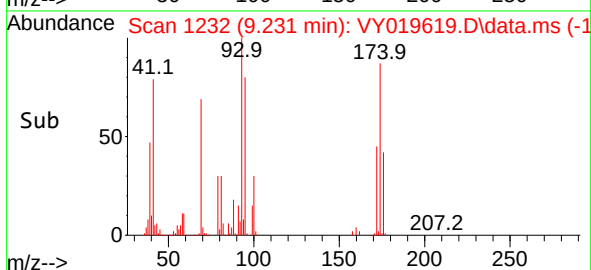
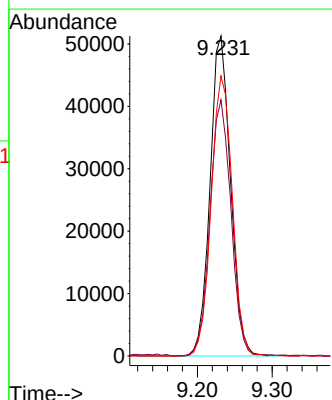
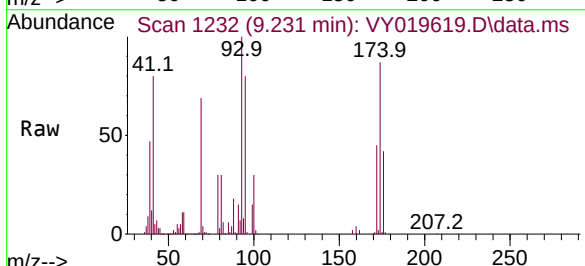
Tgt Ion: 93 Resp: 97728

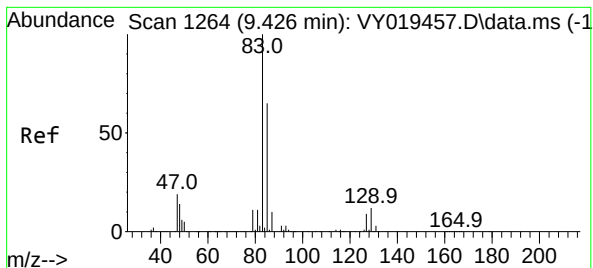
Ion Ratio Lower Upper

93 100

95 82.1 66.2 99.4

174 90.0 80.9 121.3





#47

Bromodichloromethane

Concen: 54.159 ug/l

RT: 9.420 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

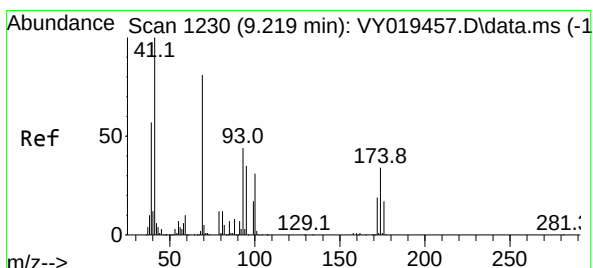
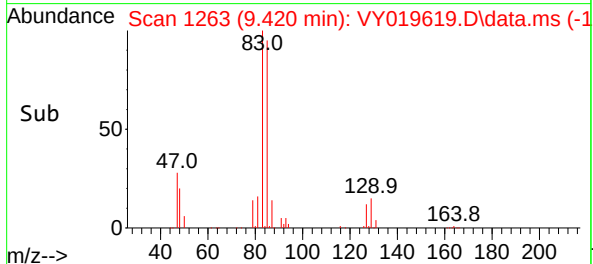
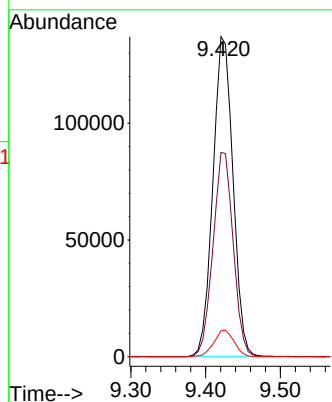
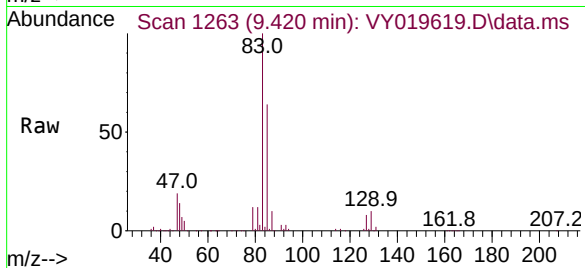
Tgt Ion: 83 Resp: 256548

Ion Ratio Lower Upper

83 100

85 63.8 50.1 75.1

127 8.1 7.4 11.0



#48

Methyl methacrylate

Concen: 50.027 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

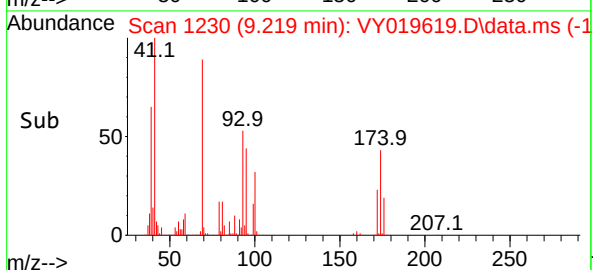
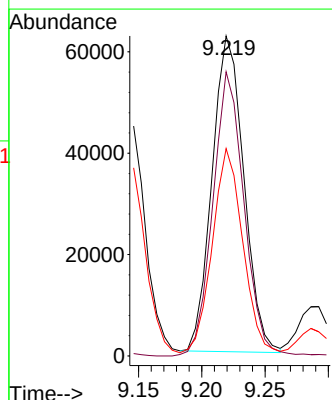
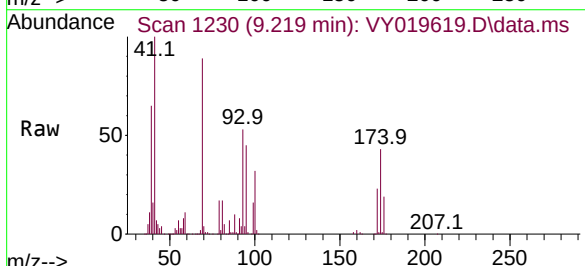
Tgt Ion: 41 Resp: 108831

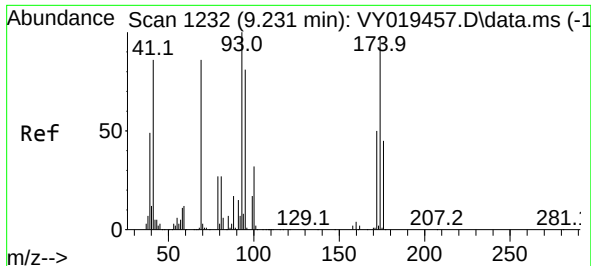
Ion Ratio Lower Upper

41 100

69 88.5 84.1 126.1

39 62.0 43.6 65.4





#49

1,4-Dioxane

Concen: 1138.545 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

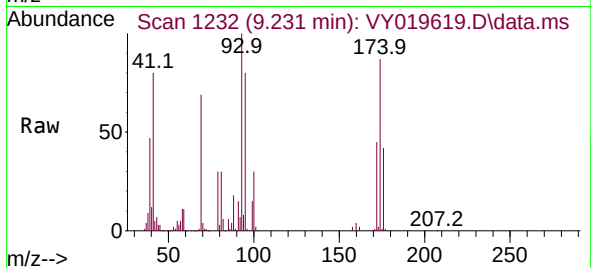
Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :



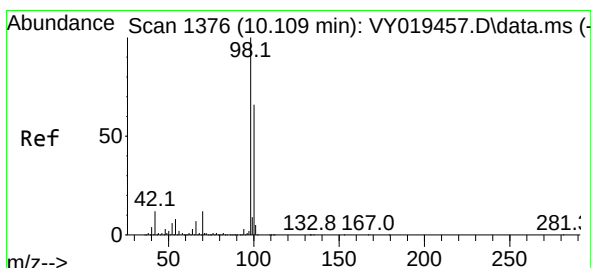
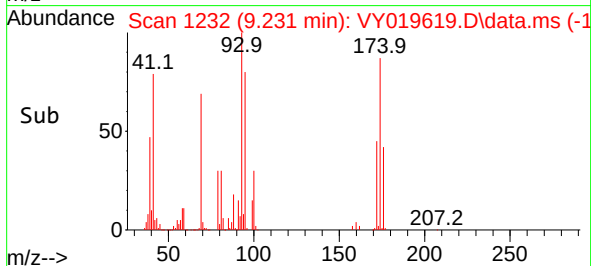
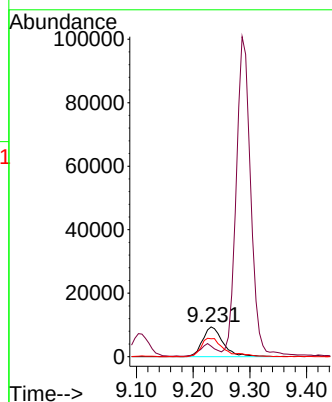
Tgt Ion: 88 Resp: 23619

Ion Ratio Lower Upper

88 100

43 31.5 0.0 0.0#

58 69.4 49.3 73.9



#50

Toluene-d8

Concen: 54.100 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019619.D

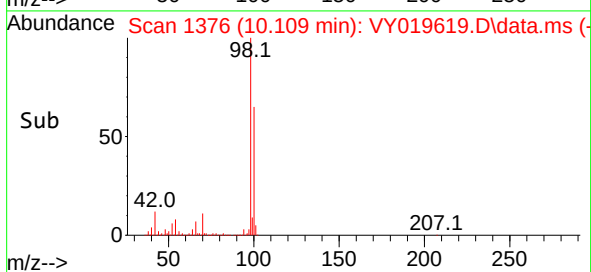
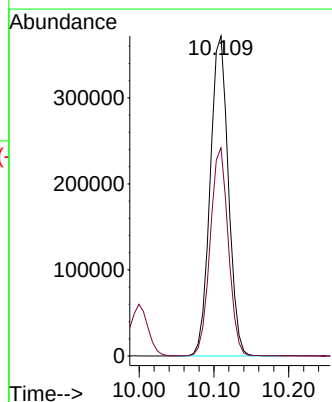
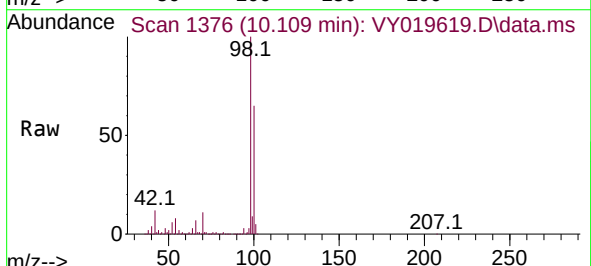
Acq: 18 Sep 2024 20:24

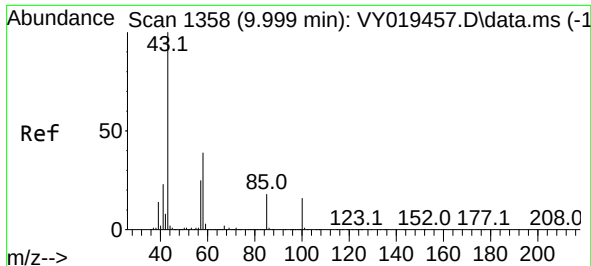
Tgt Ion: 98 Resp: 629334

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 270.467 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

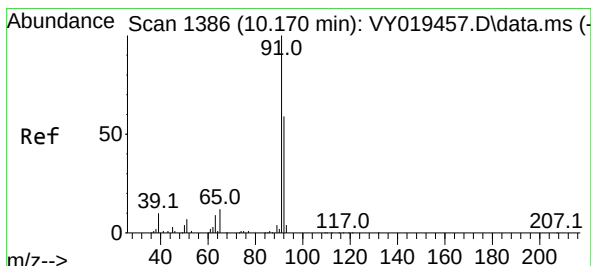
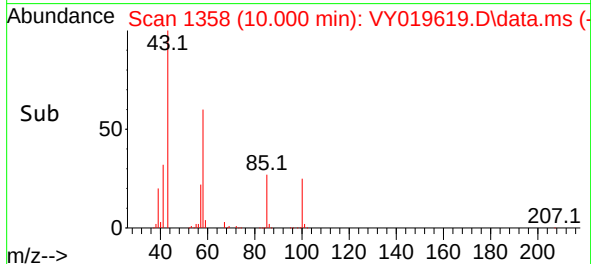
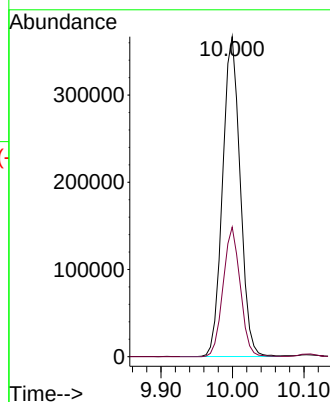
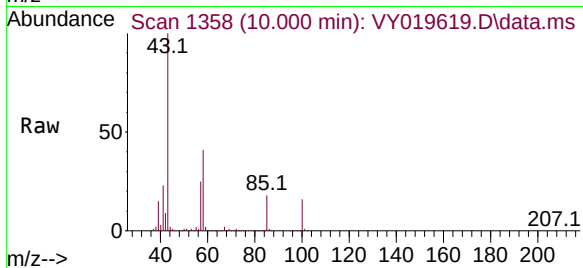
ClientSampleId :

Tgt Ion: 43 Resp: 626834

Ion Ratio Lower Upper

43 100

58 39.5 35.7 53.5



#52

Toluene

Concen: 52.982 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019619.D

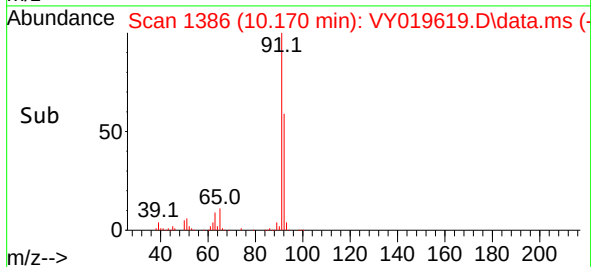
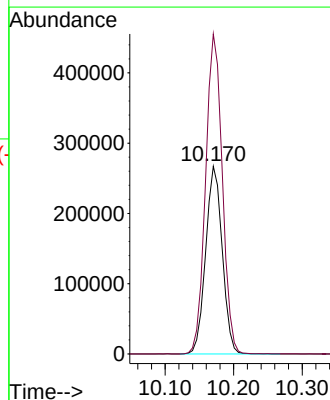
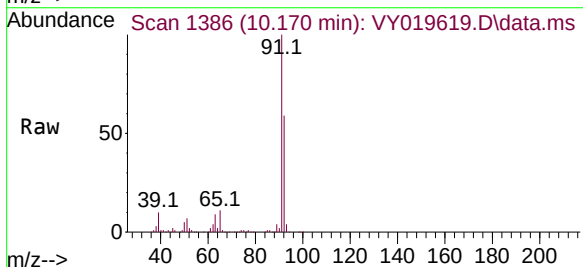
Acq: 18 Sep 2024 20:24

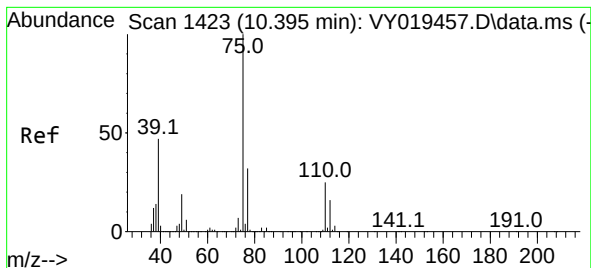
Tgt Ion: 92 Resp: 449141

Ion Ratio Lower Upper

92 100

91 171.9 139.0 208.6

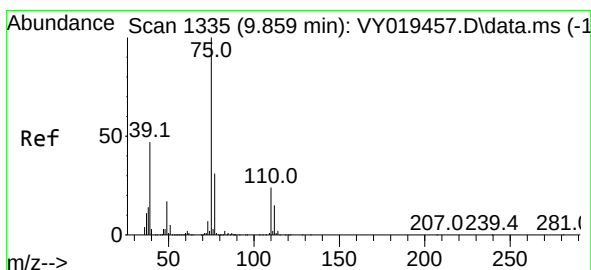
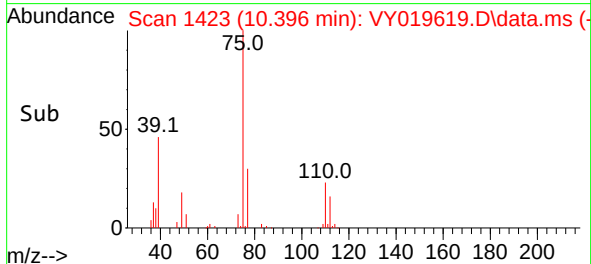
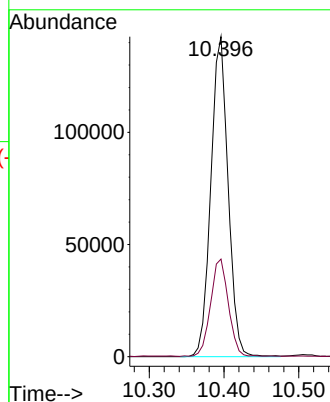
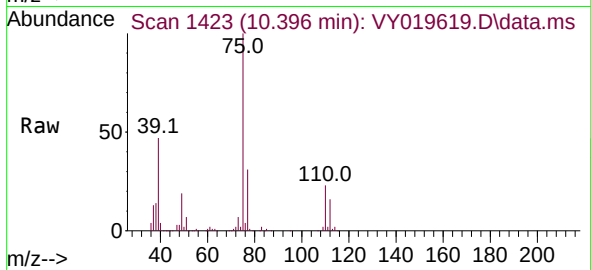




#53
 t-1,3-Dichloropropene
 Concen: 50.735 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

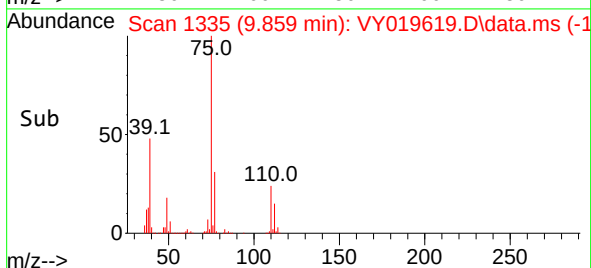
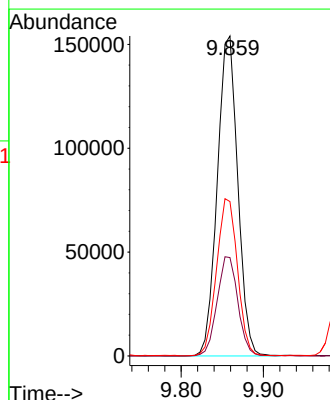
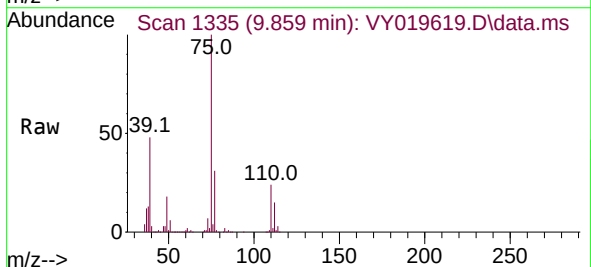
Instrument :
 MSVOA_Y
 ClientSampleId :

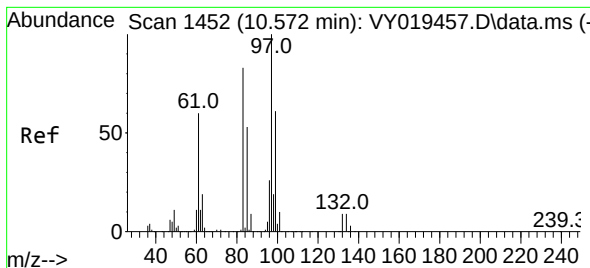
Tgt Ion: 75 Resp: 229095
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 50.762 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019619.D
 Acq: 18 Sep 2024 20:24

Tgt Ion: 75 Resp: 266902
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0
 39 48.2 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 53.924 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

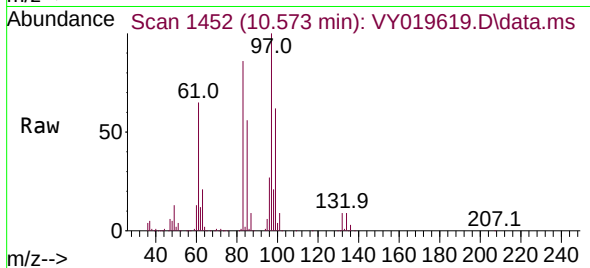
Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 131225

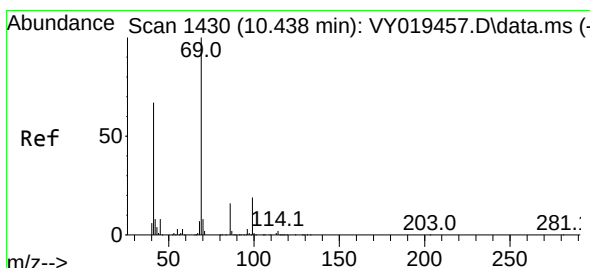
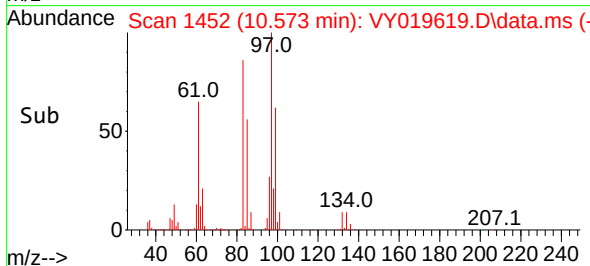
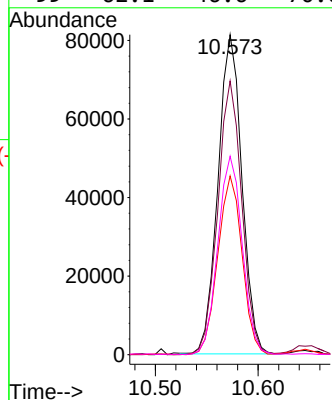
Ion Ratio Lower Upper

97 100

83 85.8 67.5 101.3

85 55.9 42.9 64.3

99 62.1 46.6 70.0



#56

Ethyl methacrylate

Concen: 53.240 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

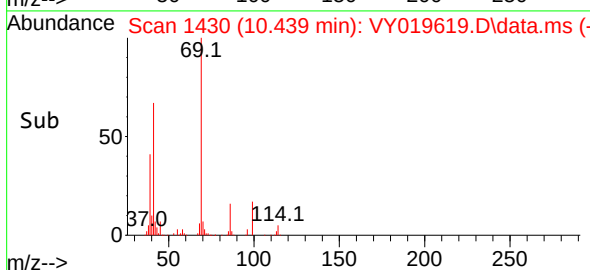
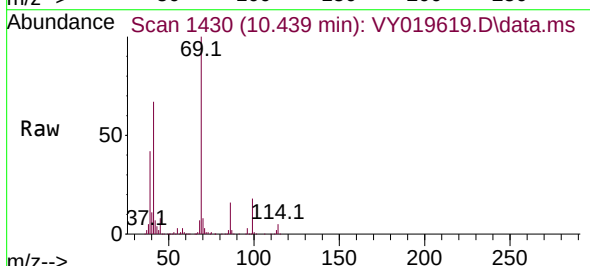
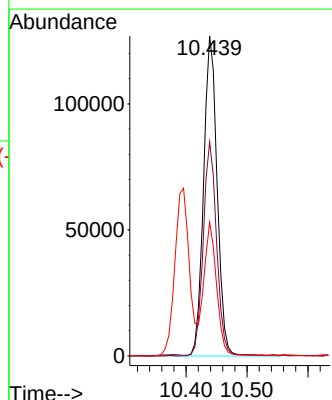
Tgt Ion: 69 Resp: 196812

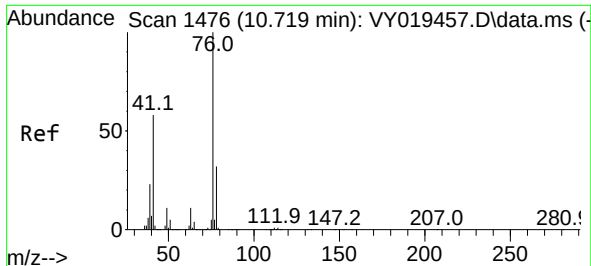
Ion Ratio Lower Upper

69 100

41 65.6 42.3 63.5#

39 37.6 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.758 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

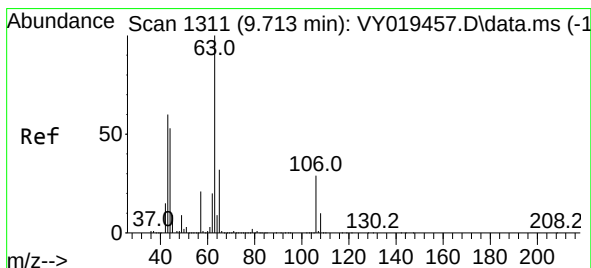
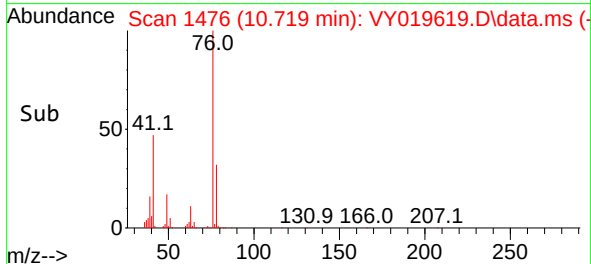
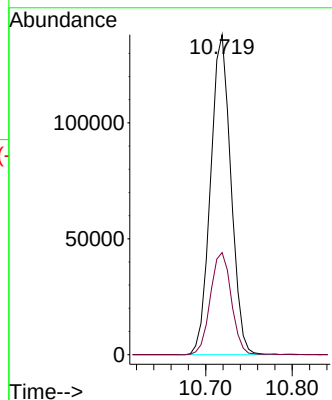
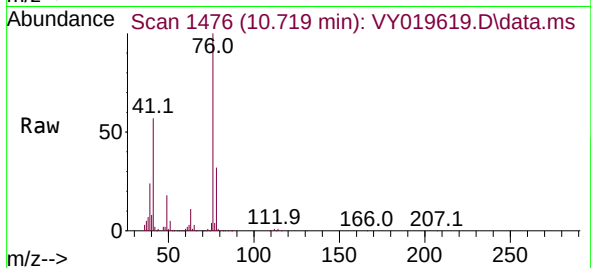
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 76 Resp: 224873

Ion	Ratio	Lower	Upper
76	100		
78	33.0	26.2	39.4



#58

2-Chloroethyl Vinyl ether

Concen: 276.762 ug/l

RT: 9.713 min Scan# 1311

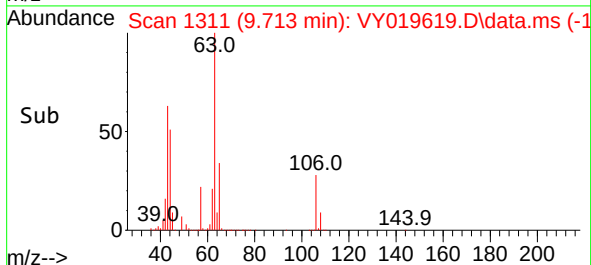
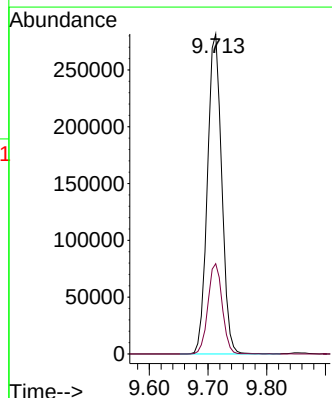
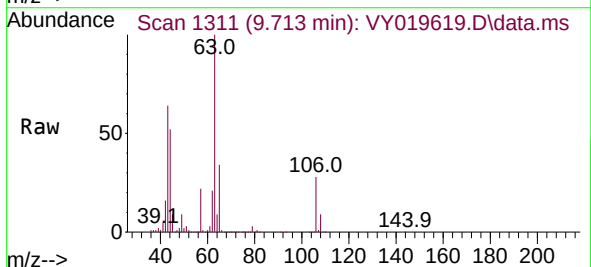
Delta R.T. 0.000 min

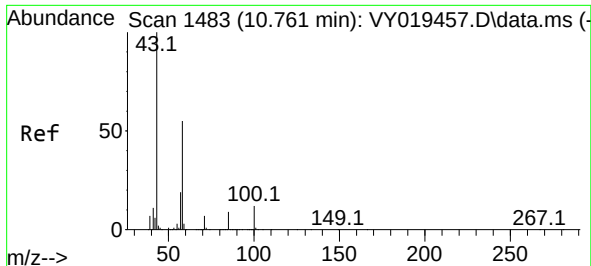
Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion: 63 Resp: 474851

Ion	Ratio	Lower	Upper
63	100		
106	28.2	23.7	35.5

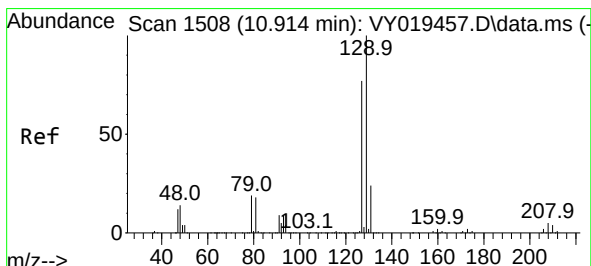
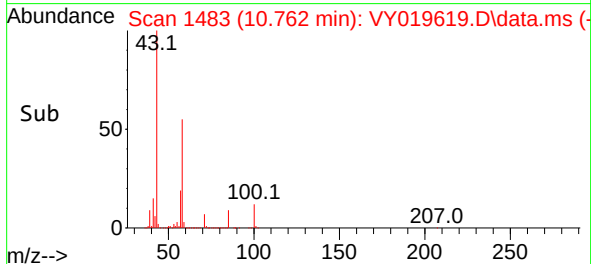
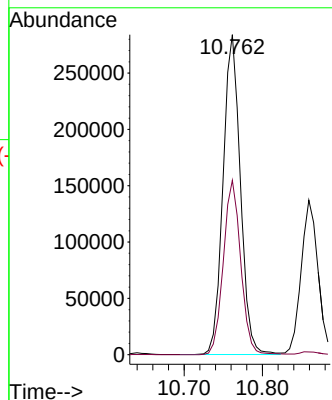
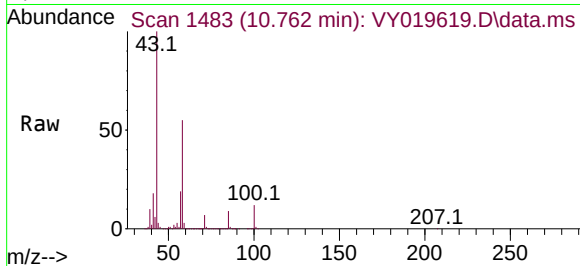




#59
2-Hexanone
Concen: 257.447 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

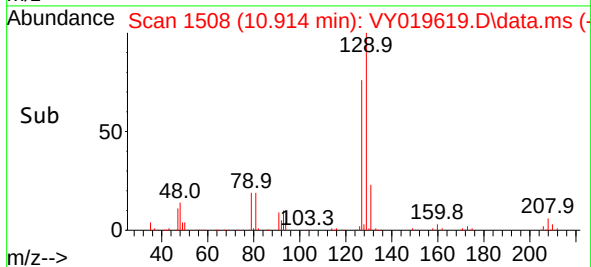
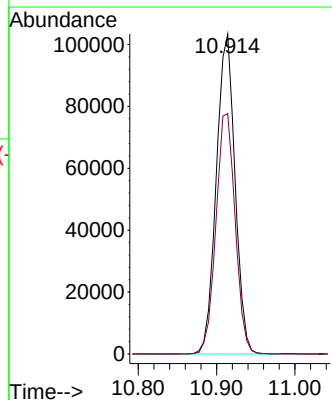
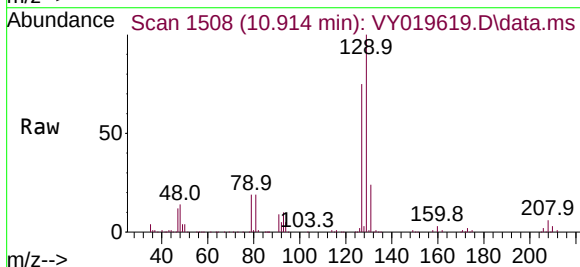
Instrument :
MSVOA_Y
ClientSampleId :

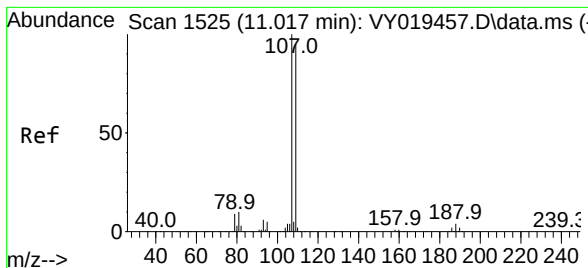
Tgt Ion: 43 Resp: 437429
Ion Ratio Lower Upper
43 100
58 54.6 31.4 94.0



#60
Dibromochloromethane
Concen: 53.357 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion:129 Resp: 171763
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0

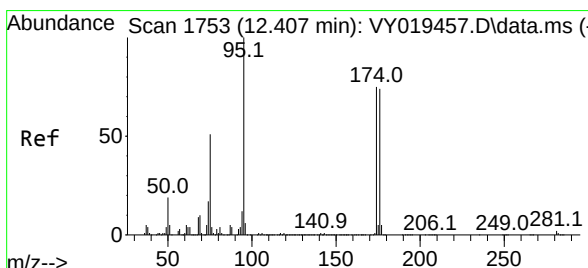
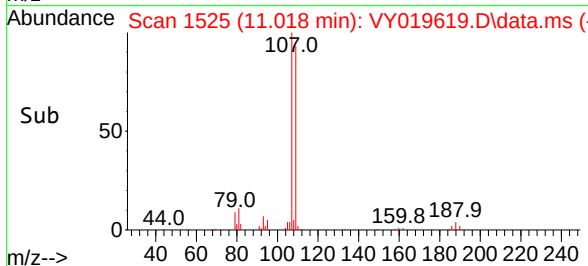
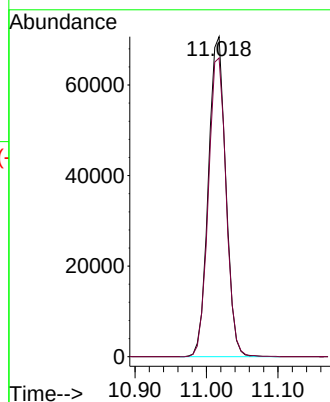
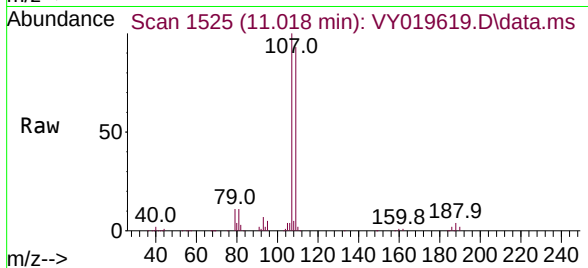




#61
1,2-Dibromoethane
Concen: 52.670 ug/l
RT: 11.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

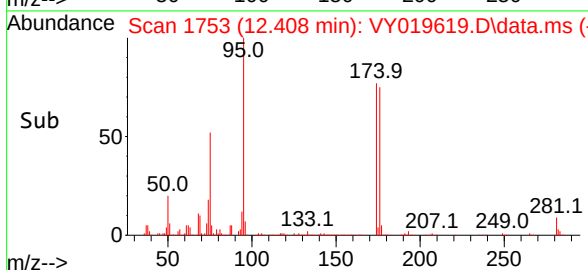
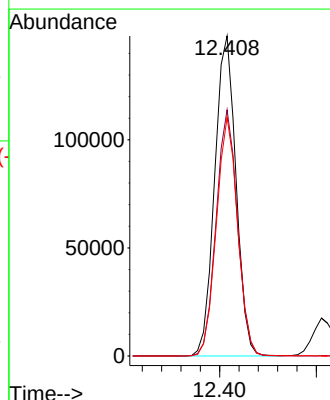
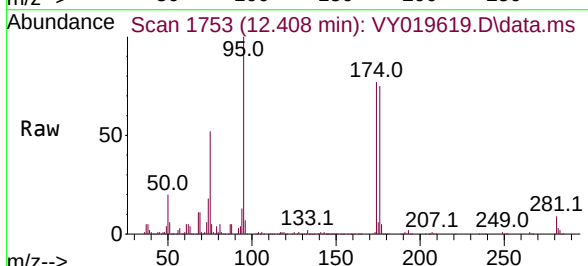
Instrument :
MSVOA_Y
ClientSampleId :

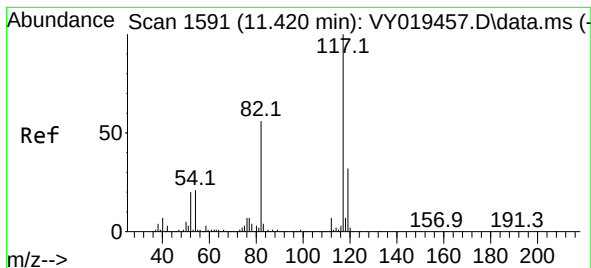
Tgt Ion:107 Resp: 119424
Ion Ratio Lower Upper
107 100
109 95.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.563 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 95 Resp: 226161
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 74.1 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: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

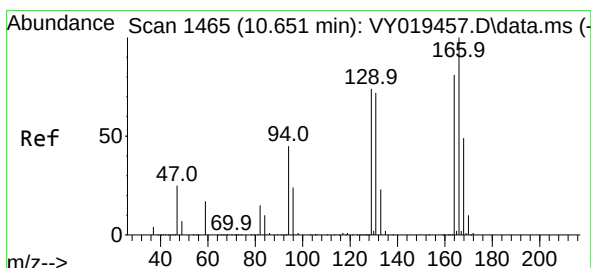
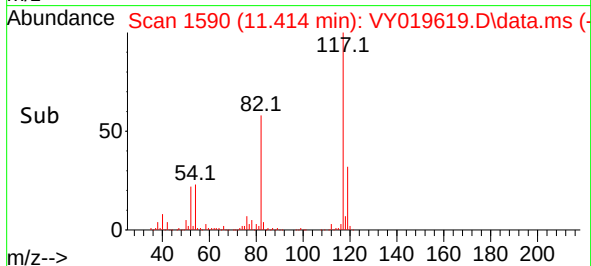
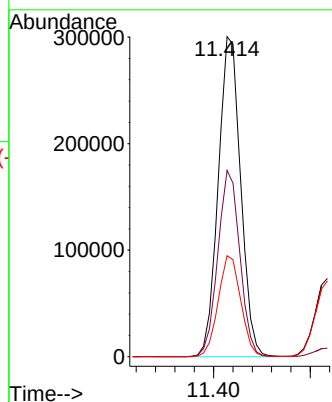
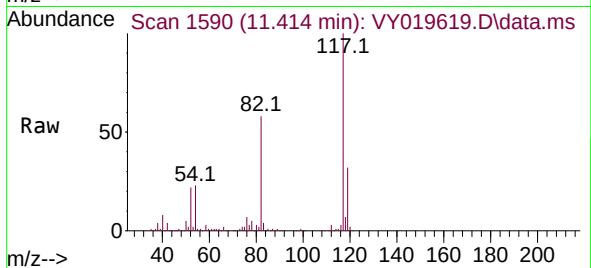
Tgt Ion:117 Resp: 483014

Ion Ratio Lower Upper

117 100

82 58.2 42.4 63.6

119 31.6 25.9 38.9



#64

Tetrachloroethene

Concen: 51.939 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion:164 Resp: 155353

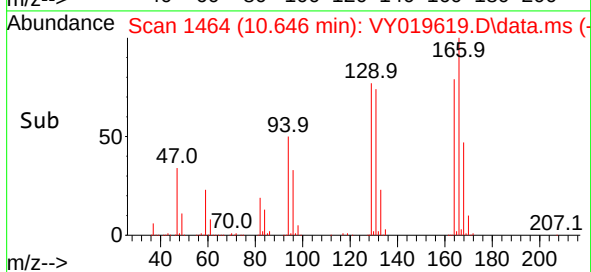
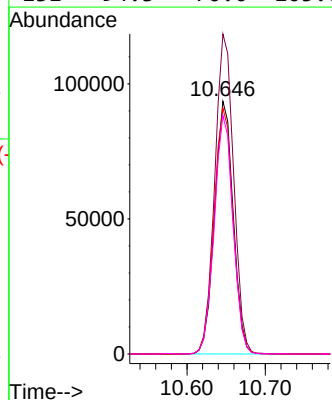
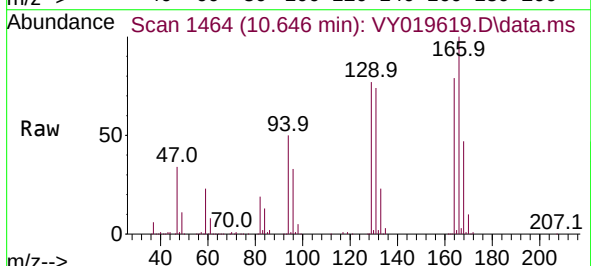
Ion Ratio Lower Upper

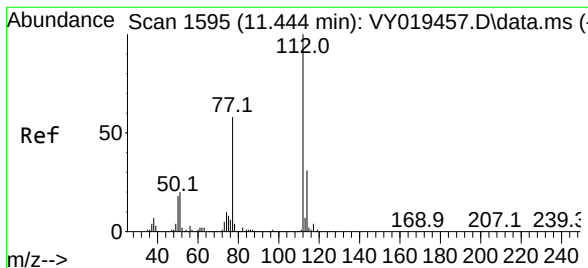
164 100

166 126.7 102.6 154.0

129 97.3 72.0 108.0

131 94.3 70.0 105.0





#65

Chlorobenzene

Concen: 51.411 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

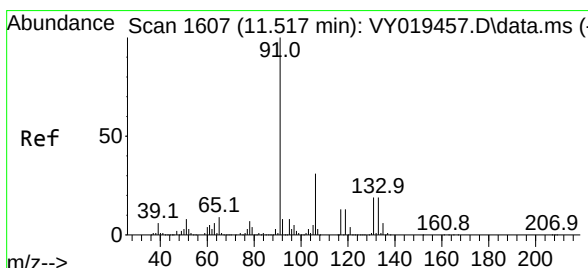
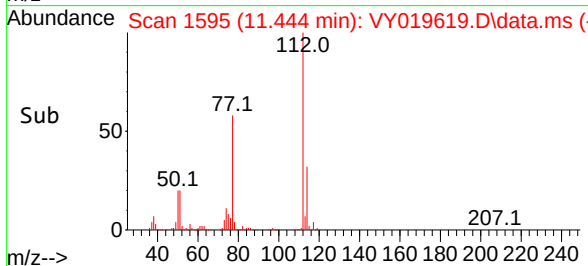
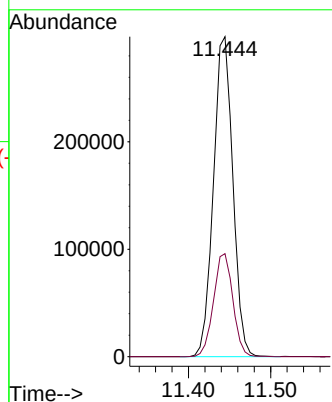
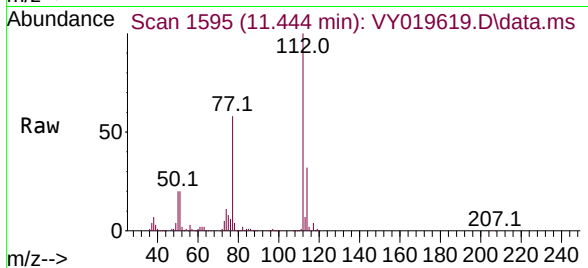
ClientSampleId :

Tgt Ion:112 Resp: 488467

Ion Ratio Lower Upper

112 100

114 32.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.444 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

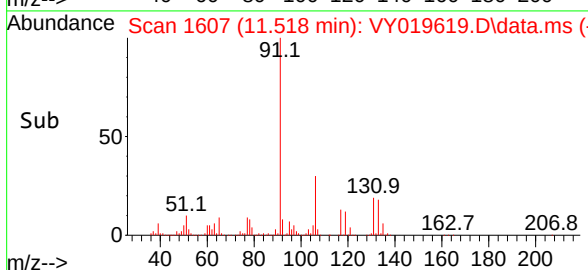
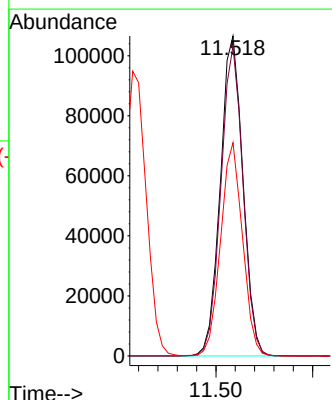
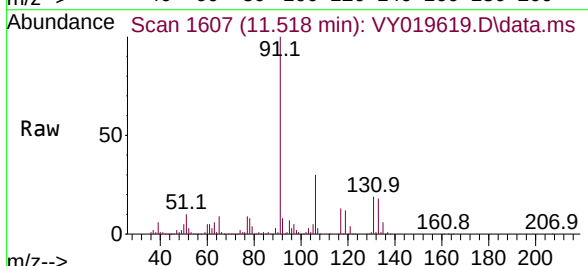
Tgt Ion:131 Resp: 172522

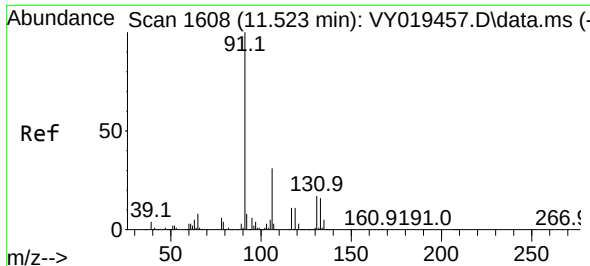
Ion Ratio Lower Upper

131 100

133 94.9 47.8 143.3

119 64.7 34.1 102.2





#67

Ethyl Benzene

Concen: 51.634 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

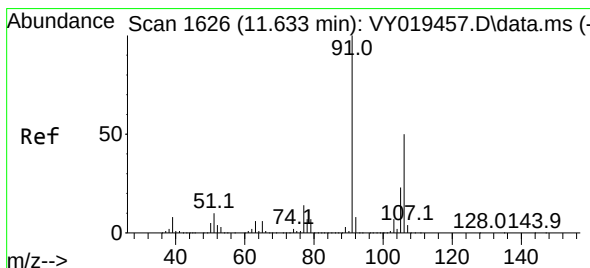
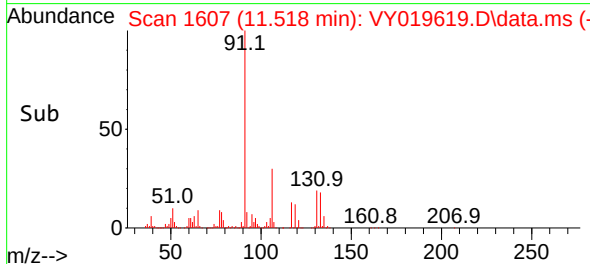
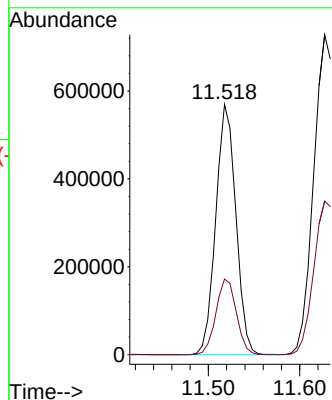
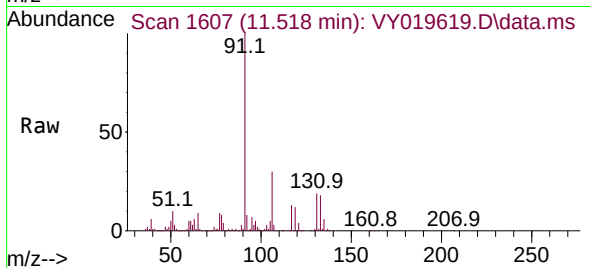
ClientSampleId :

Tgt Ion: 91 Resp: 871689

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 101.765 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019619.D

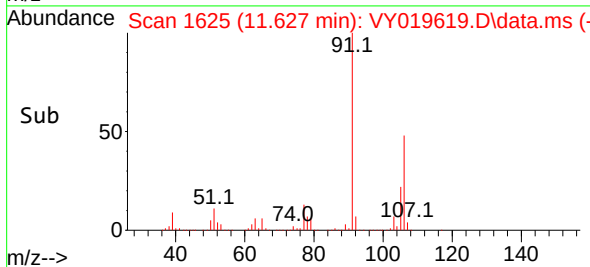
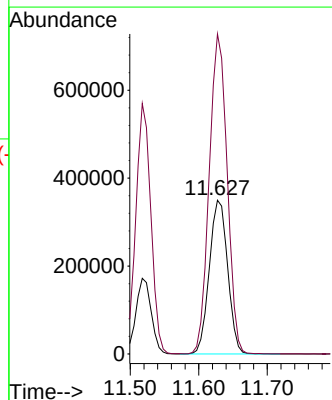
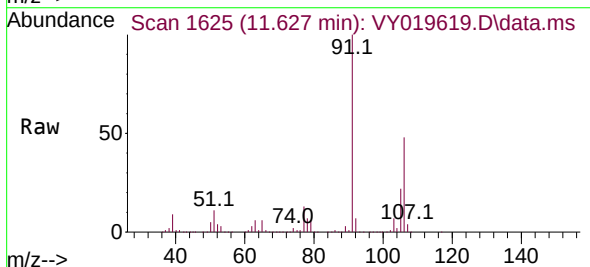
Acq: 18 Sep 2024 20:24

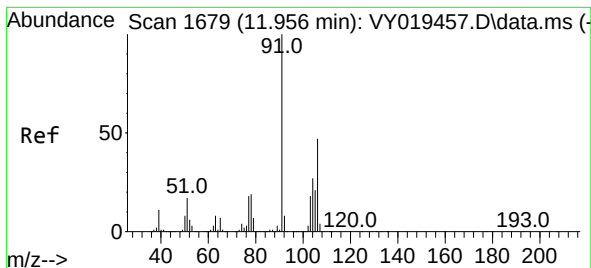
Tgt Ion:106 Resp: 649611

Ion Ratio Lower Upper

106 100

91 204.2 156.0 234.0

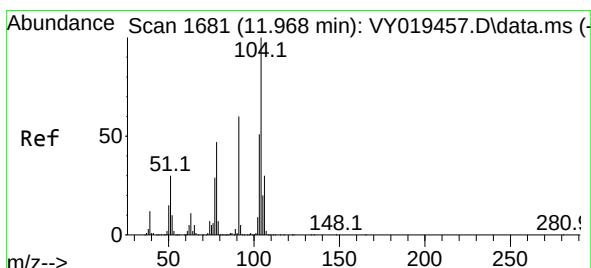
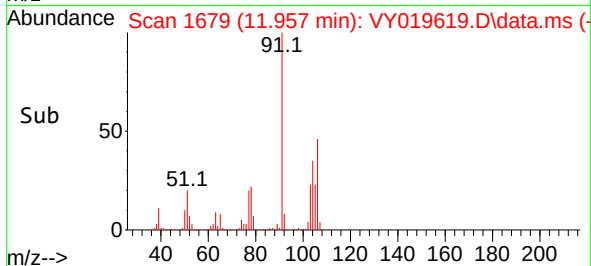
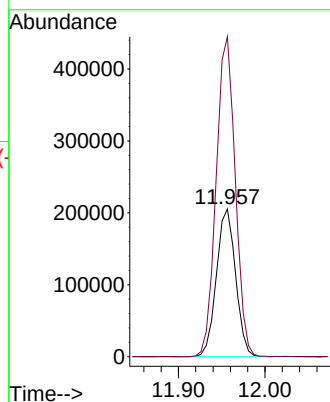
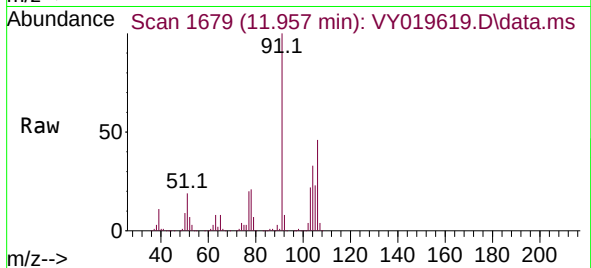




#69
o-Xylene
Concen: 50.573 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

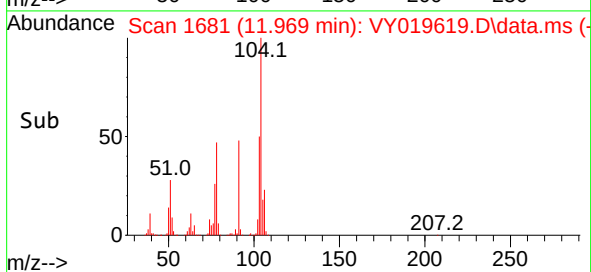
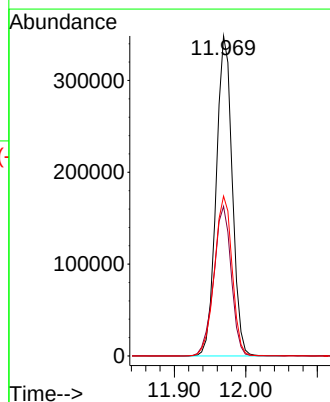
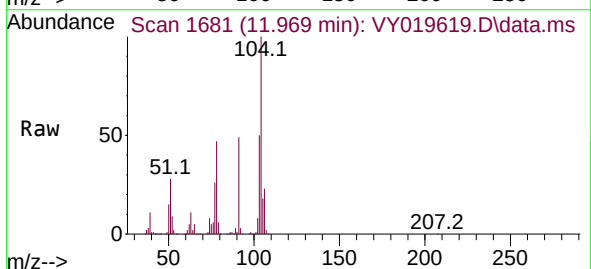
Instrument :
MSVOA_Y
ClientSampleId :

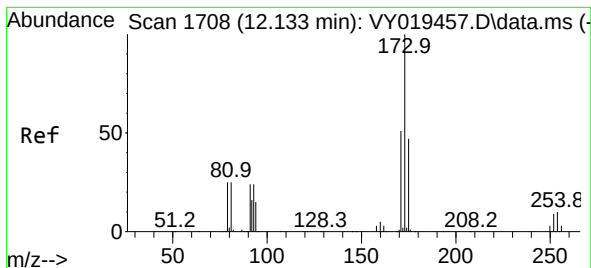
Tgt Ion:106 Resp: 315722
Ion Ratio Lower Upper
106 100
91 216.4 103.6 310.8



#70
Styrene
Concen: 51.445 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion:104 Resp: 542246
Ion Ratio Lower Upper
104 100
78 51.0 37.0 55.4
103 55.0 44.2 66.2





#71

Bromoform

Concen: 50.686 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019619.D

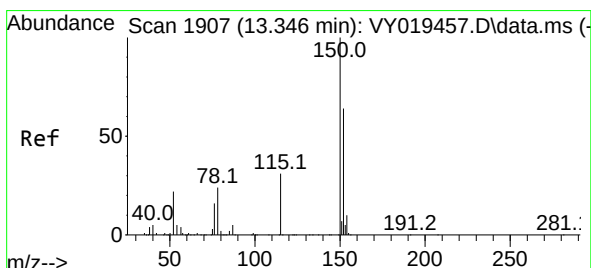
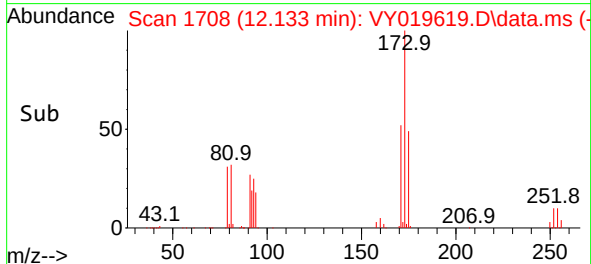
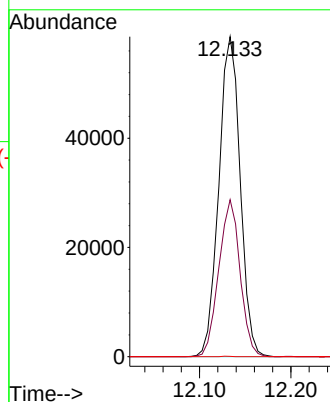
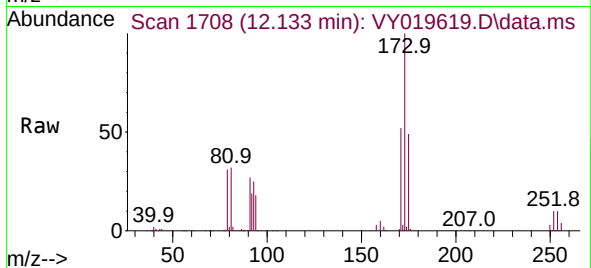
Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	95236
Ion Ratio	Lower	Upper	
173	100		
175	48.8	25.1	75.3
254	0.1	0.0	0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

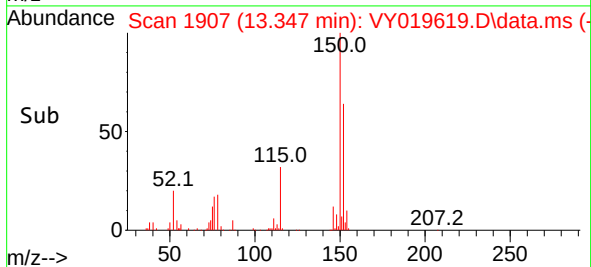
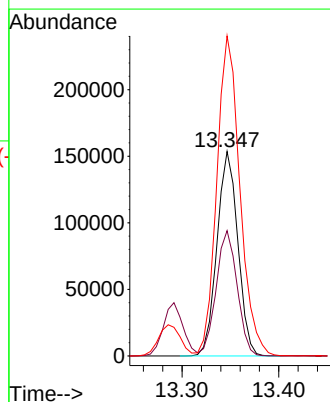
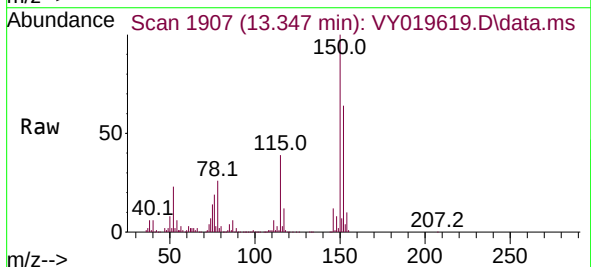
RT: 13.347 min Scan# 1907

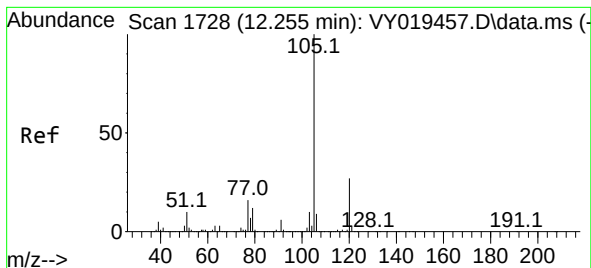
Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion:	152	Resp:	229408
Ion Ratio	Lower	Upper	
152	100		
115	61.6	28.2	84.7
150	174.0	0.0	345.6





#73

Isopropylbenzene

Concen: 50.244 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

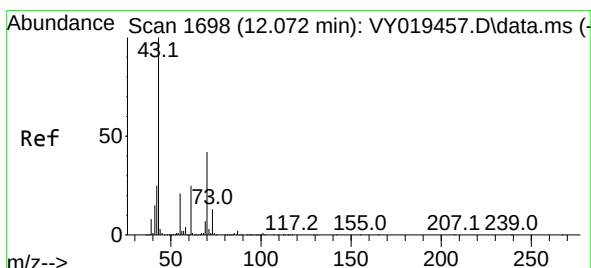
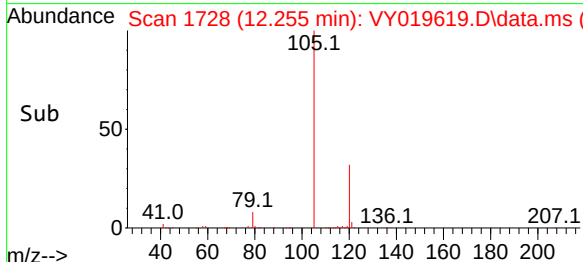
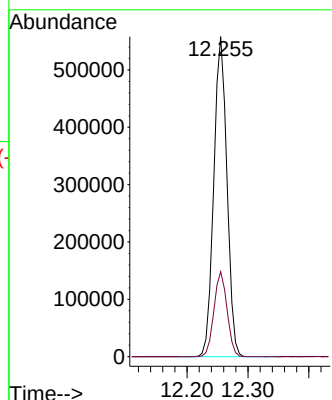
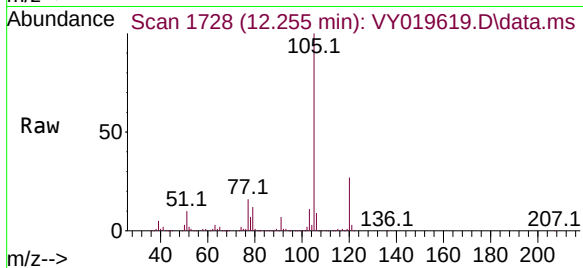
ClientSampleId :

Tgt Ion:105 Resp: 836201

Ion Ratio Lower Upper

105 100

120 26.4 13.4 40.1



#74

N-ethyl acetate

Concen: 50.091 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion: 43 Resp: 226724

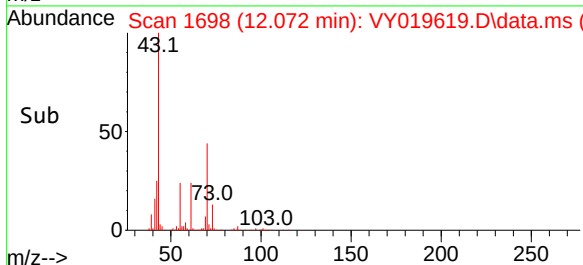
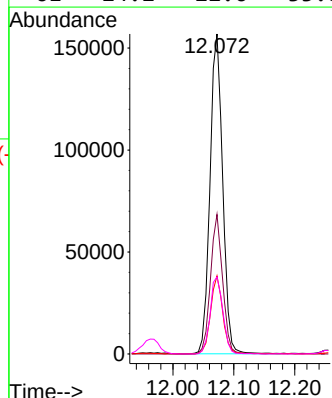
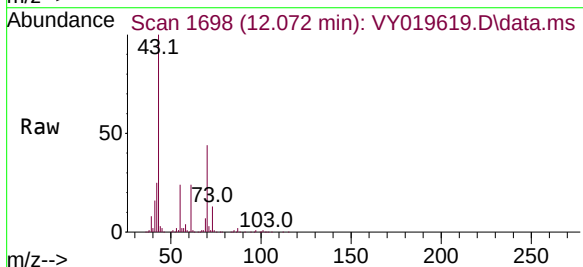
Ion Ratio Lower Upper

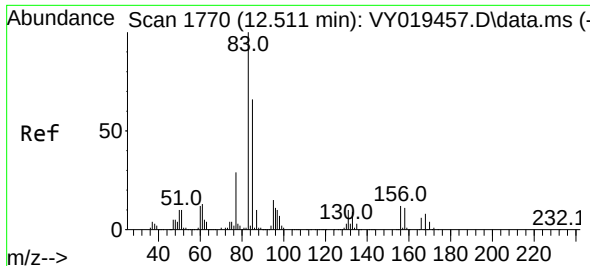
43 100

70 41.8 41.4 62.2

55 23.7 23.3 34.9

61 24.2 22.6 33.8

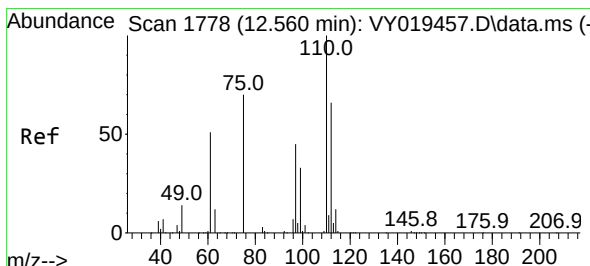
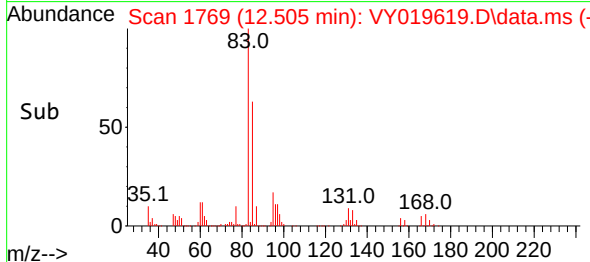
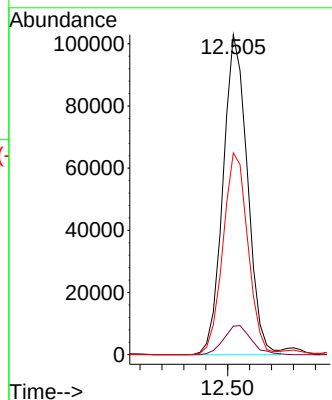
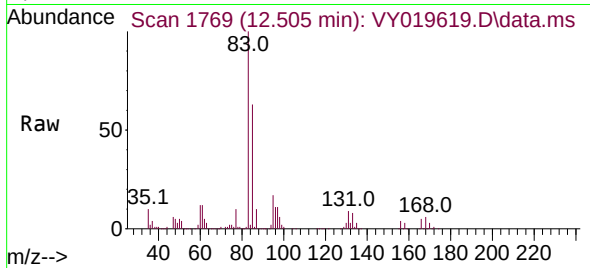




#75
1,1,2,2-Tetrachloroethane
Concen: 53.759 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

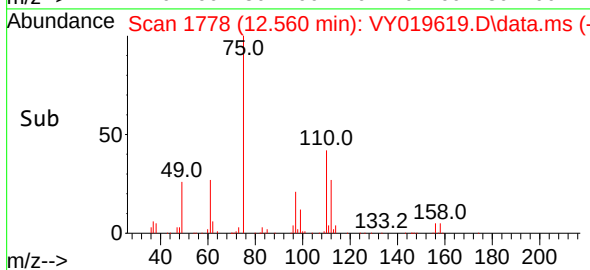
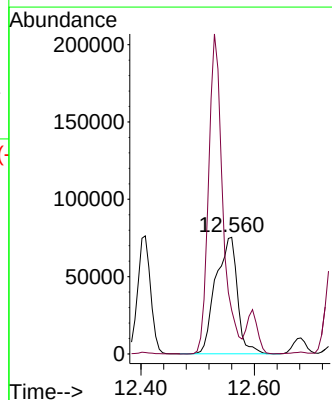
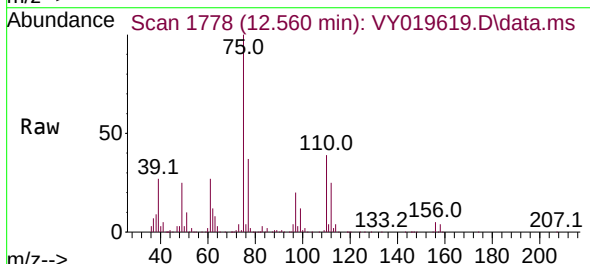
Instrument :
MSVOA_Y
ClientSampleId :

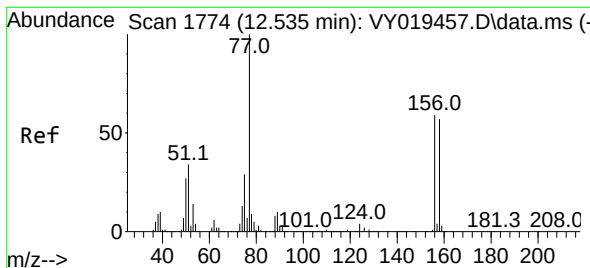
Tgt Ion: 83 Resp: 158805
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.9 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 93.038 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 75 Resp: 200052
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.143 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

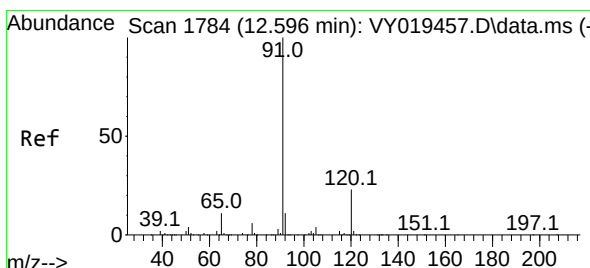
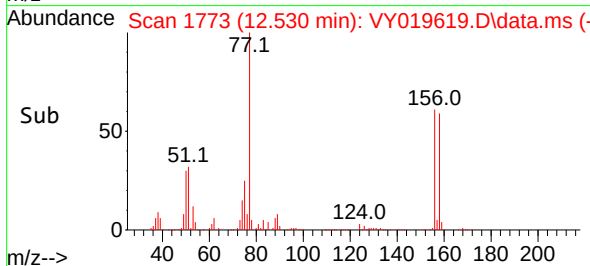
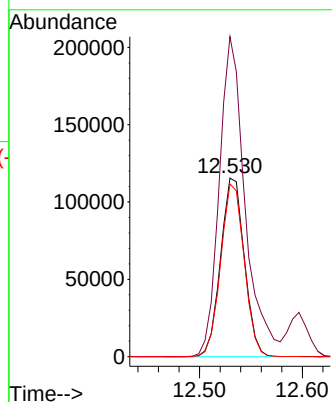
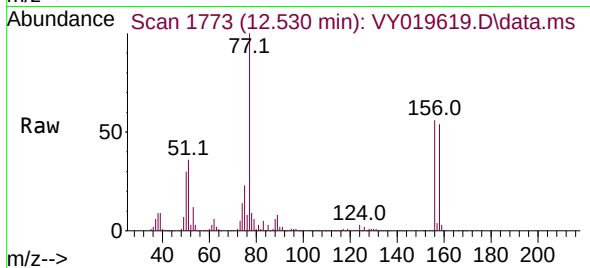
Tgt Ion:156 Resp: 185084

Ion Ratio Lower Upper

156 100

77 195.2 87.1 261.3

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 50.081 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019619.D

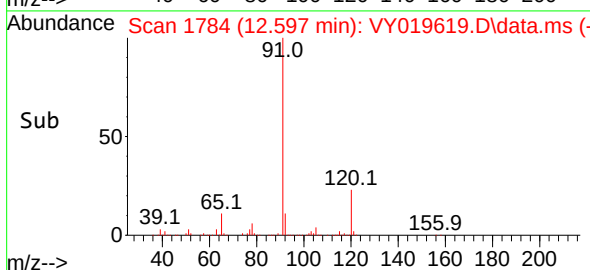
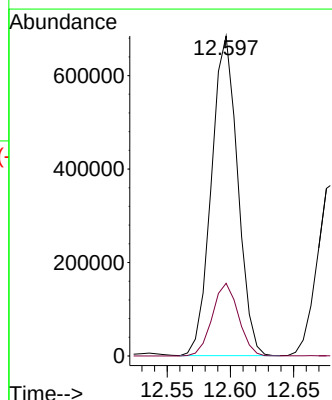
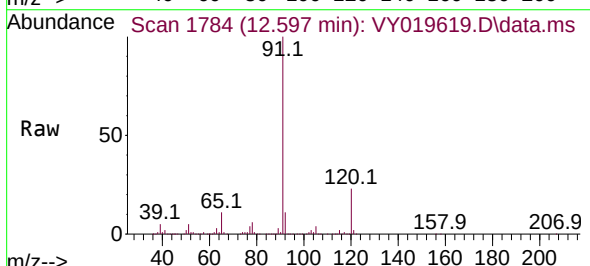
Acq: 18 Sep 2024 20:24

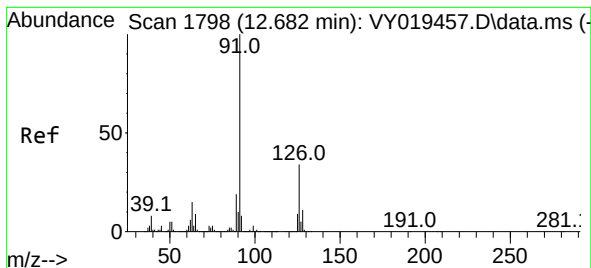
Tgt Ion: 91 Resp: 987905

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.085 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

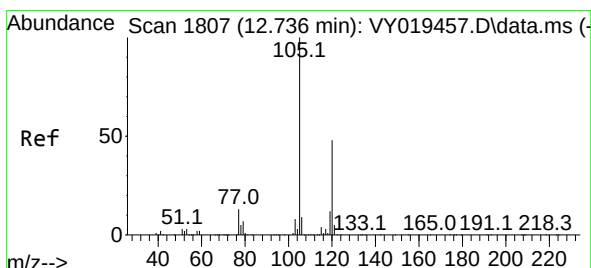
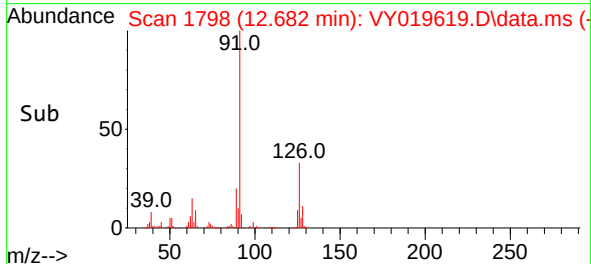
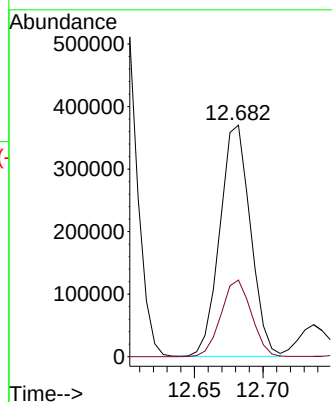
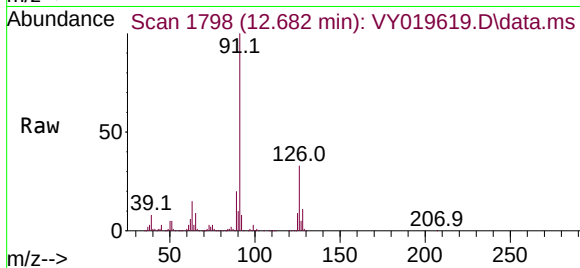
ClientSampleId :

Tgt Ion: 91 Resp: 575776

Ion Ratio Lower Upper

91 100

126 32.9 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 50.018 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019619.D

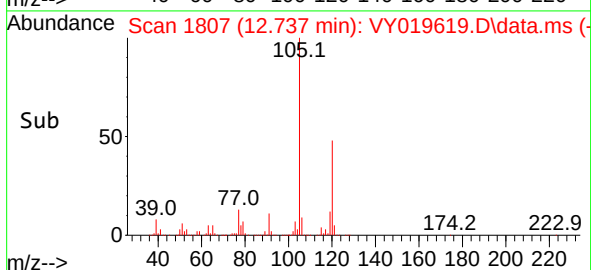
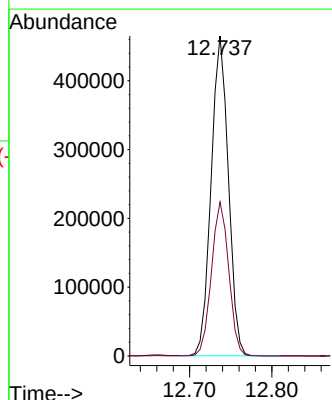
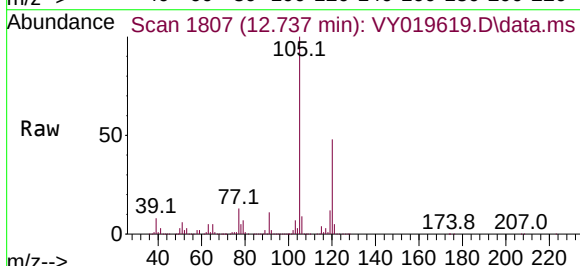
Acq: 18 Sep 2024 20:24

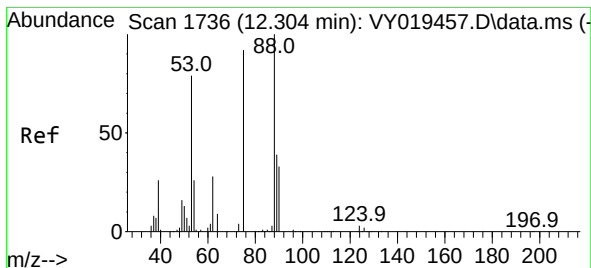
Tgt Ion: 105 Resp: 676735

Ion Ratio Lower Upper

105 100

120 48.3 25.1 75.2

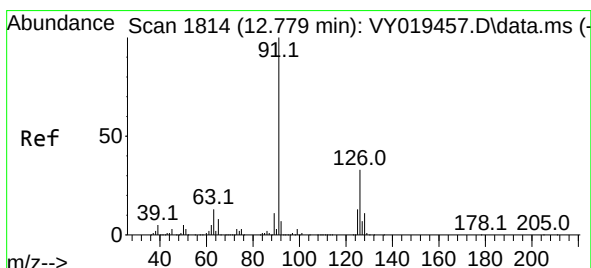
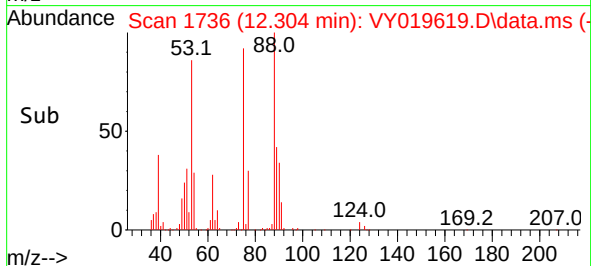
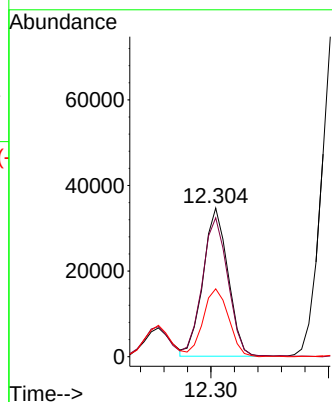
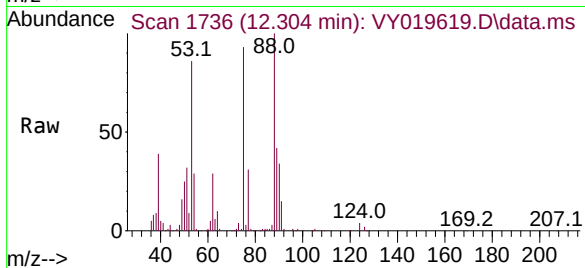




#81
trans-1,4-Dichloro-2-butene
Concen: 45.454 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

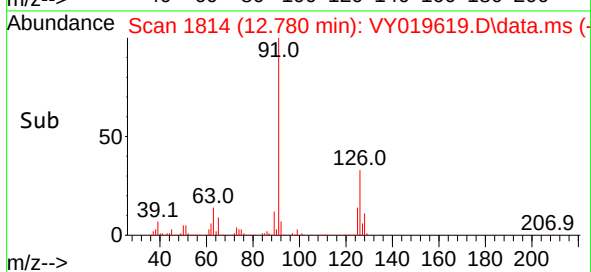
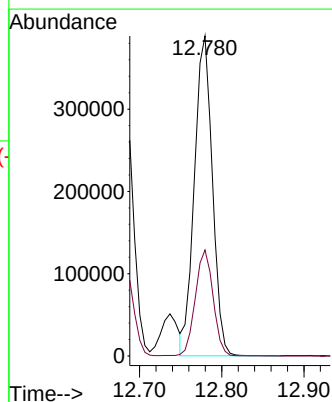
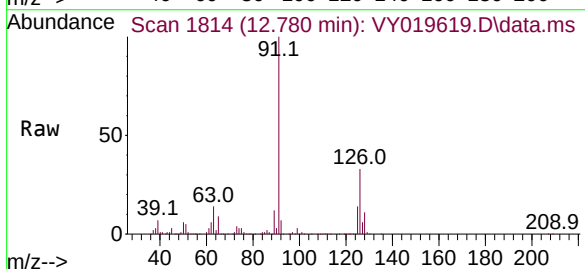
Instrument :
MSVOA_Y
ClientSampleId :

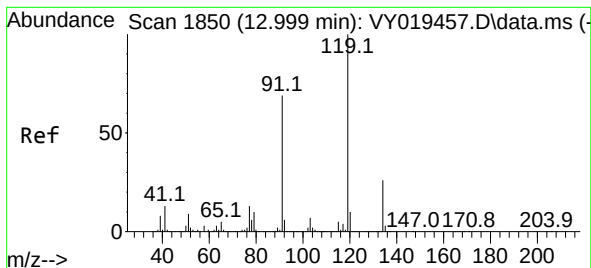
Tgt Ion: 75 Resp: 50912
Ion Ratio Lower Upper
75 100
53 98.1 66.8 100.2
89 46.3 35.8 53.6



#82
4-Chlorotoluene
Concen: 49.942 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 91 Resp: 590251
Ion Ratio Lower Upper
91 100
126 32.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 51.223 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

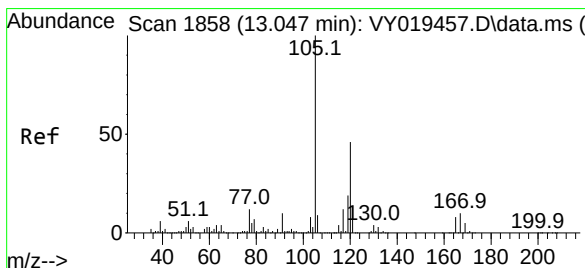
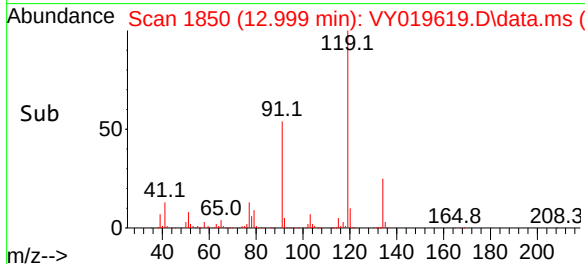
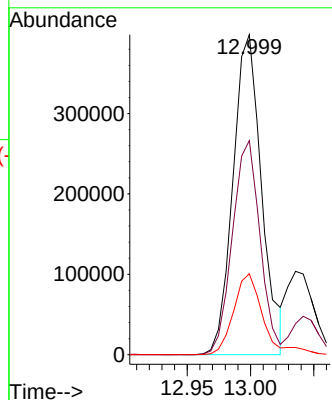
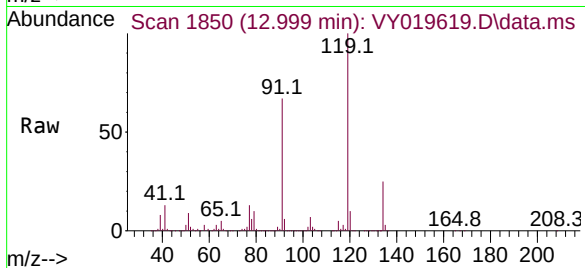
Tgt Ion:119 Resp: 627404

Ion Ratio Lower Upper

119 100

91 64.8 31.3 93.8

134 26.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.969 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019619.D

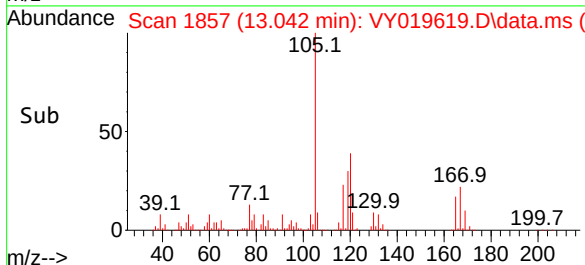
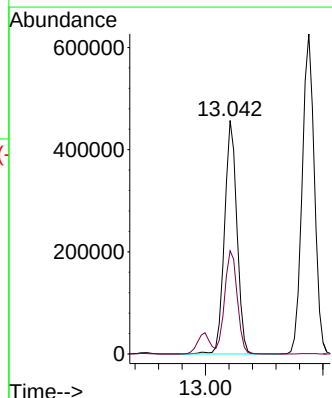
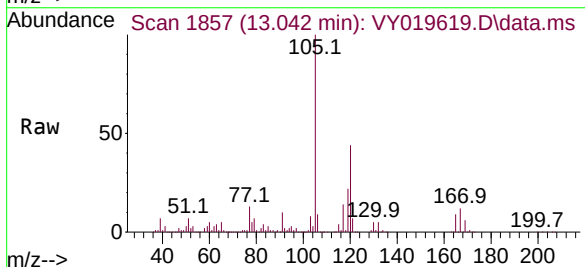
Acq: 18 Sep 2024 20:24

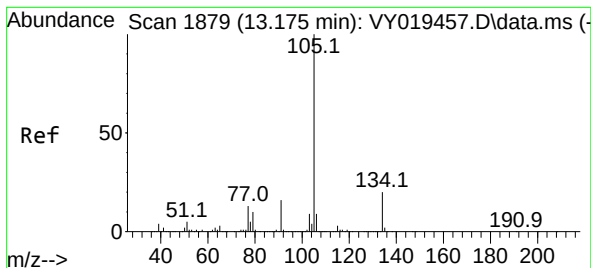
Tgt Ion:105 Resp: 669221

Ion Ratio Lower Upper

105 100

120 44.8 23.2 69.6





#85

sec-Butylbenzene

Concen: 50.537 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

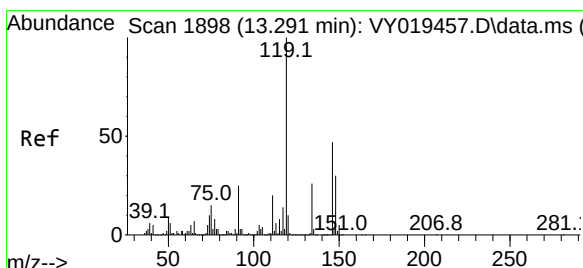
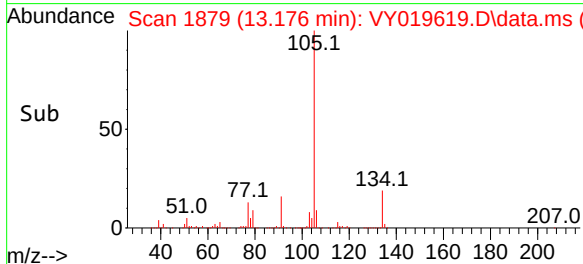
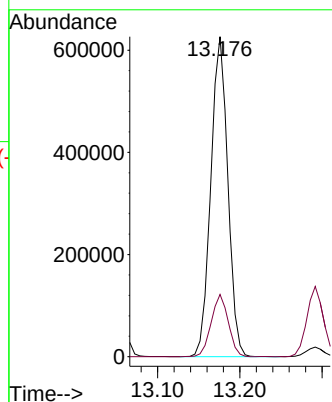
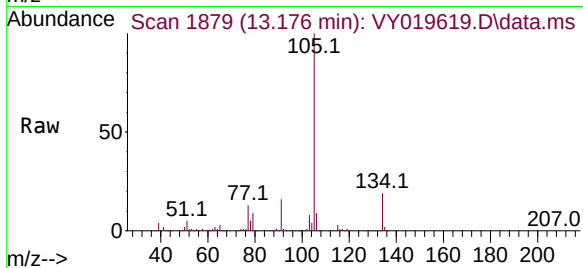
ClientSampleId :

Tgt Ion:105 Resp: 899249

Ion Ratio Lower Upper

105 100

134 19.6 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.979 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

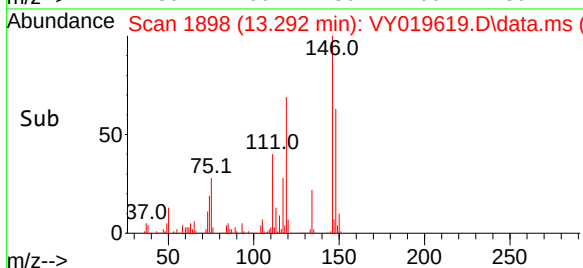
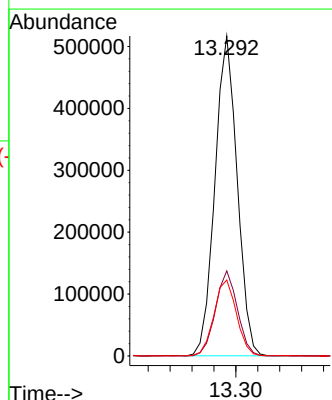
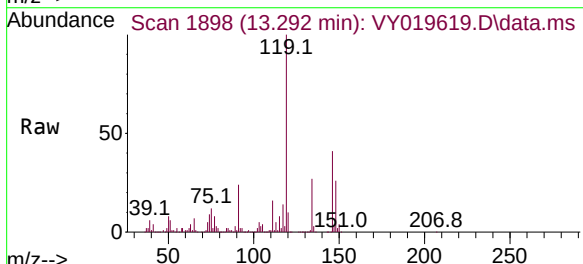
Tgt Ion:119 Resp: 727603

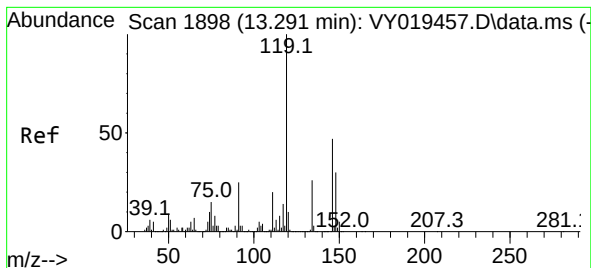
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 24.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.914 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

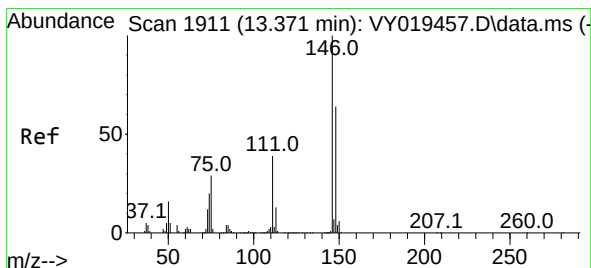
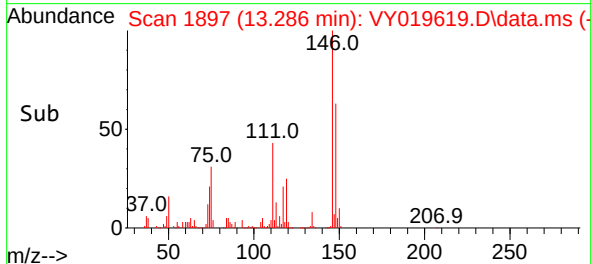
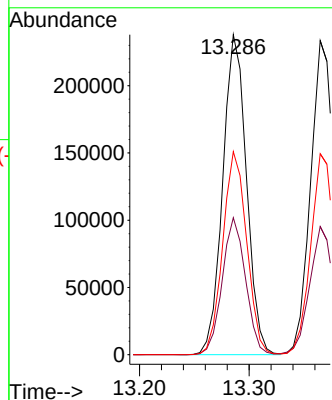
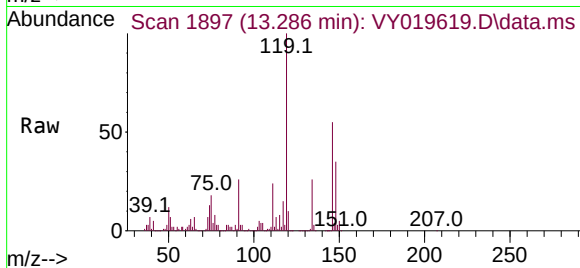
Tgt Ion:146 Resp: 357999

Ion Ratio Lower Upper

146 100

111 42.0 19.0 57.0

148 64.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 49.744 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

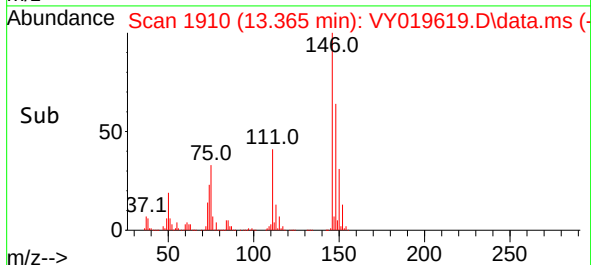
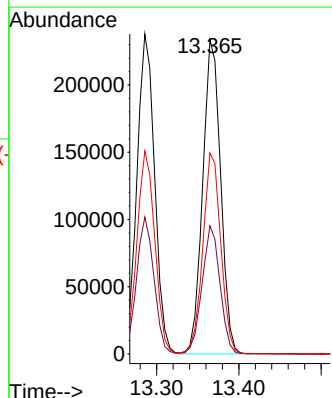
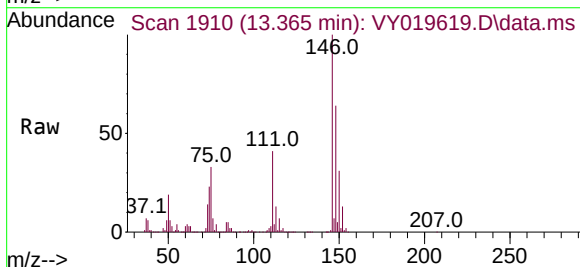
Tgt Ion:146 Resp: 354084

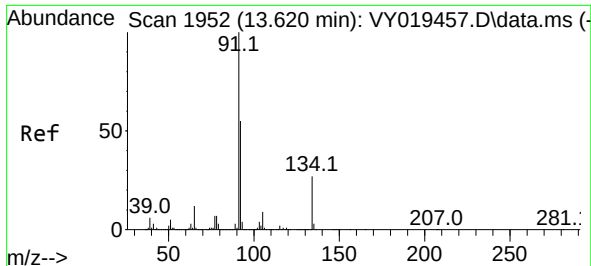
Ion Ratio Lower Upper

146 100

111 40.8 18.4 55.4

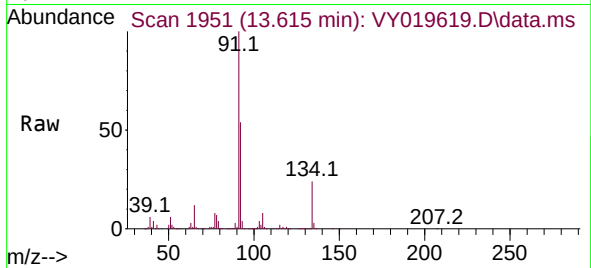
148 63.8 32.4 97.2



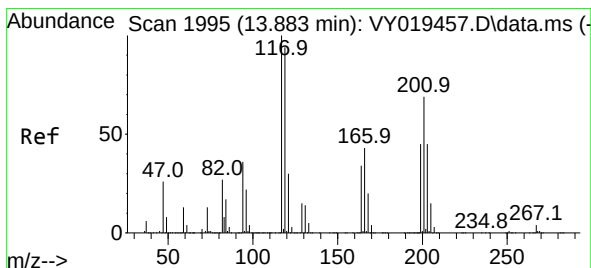
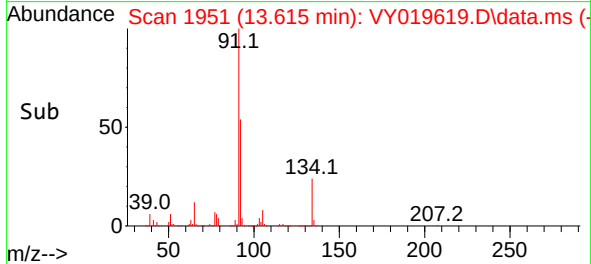
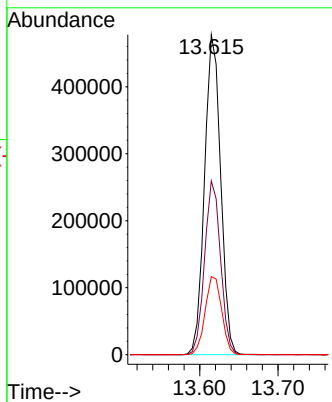


#89
n-Butylbenzene
Concen: 48.970 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Instrument :
MSVOA_Y
ClientSampleId :

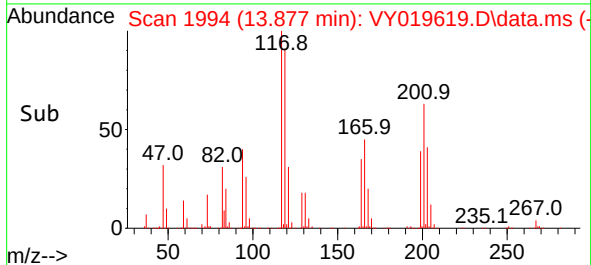
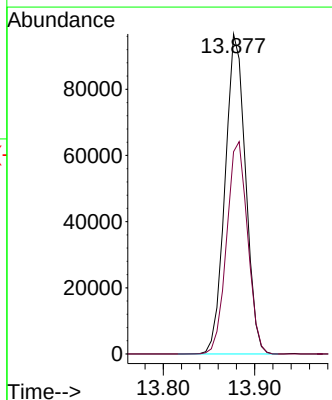
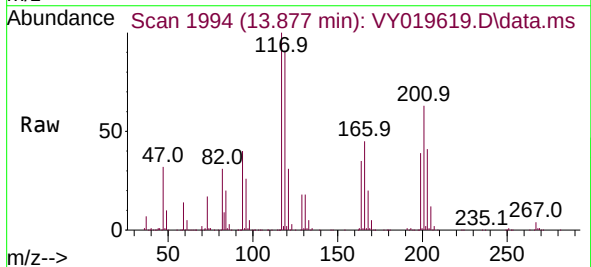


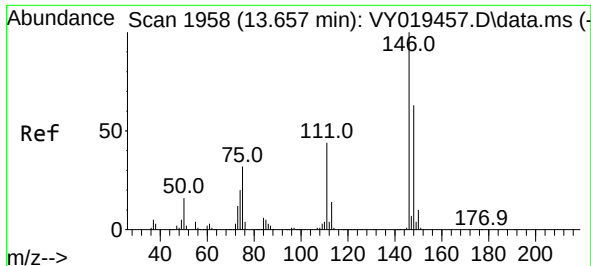
Tgt Ion: 91 Resp: 681536
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.7
134 25.2 12.9 38.7



#90
Hexachloroethane
Concen: 49.782 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019619.D
Acq: 18 Sep 2024 20:24

Tgt Ion: 117 Resp: 150796
Ion Ratio Lower Upper
117 100
201 67.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.286 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

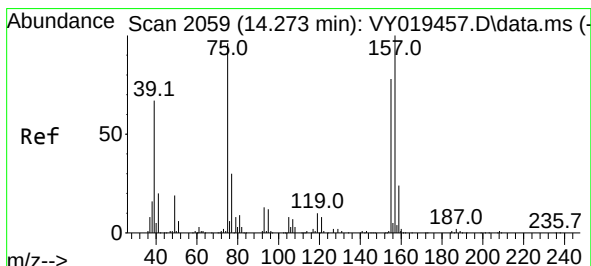
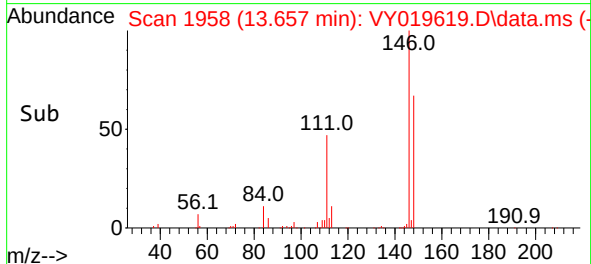
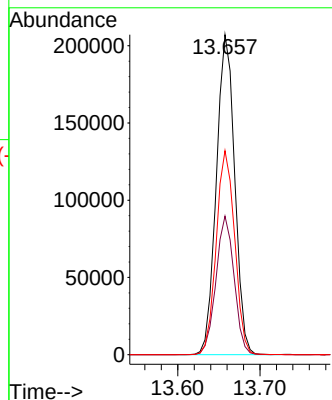
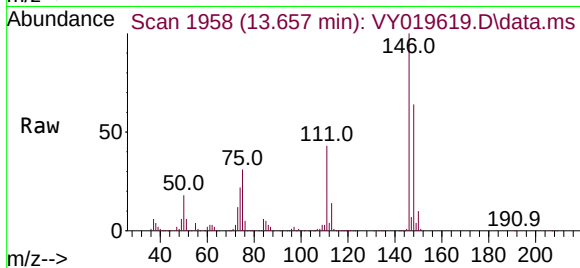
Tgt Ion:146 Resp: 321851

Ion Ratio Lower Upper

146 100

111 42.7 19.9 59.7

148 64.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.991 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

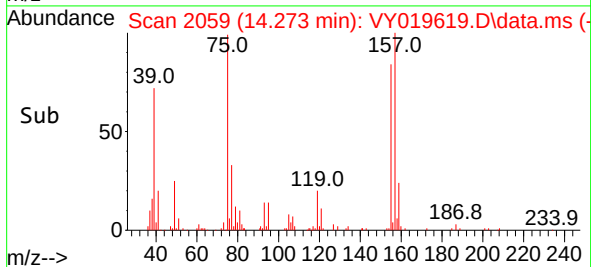
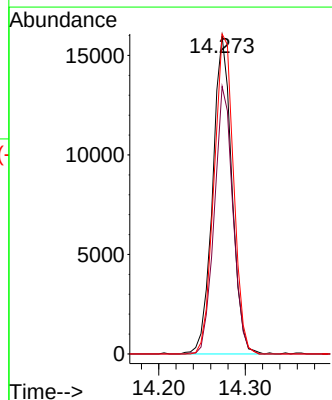
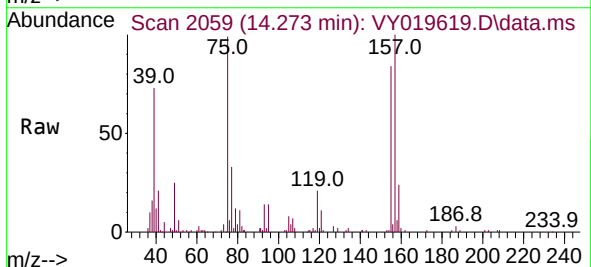
Tgt Ion: 75 Resp: 24612

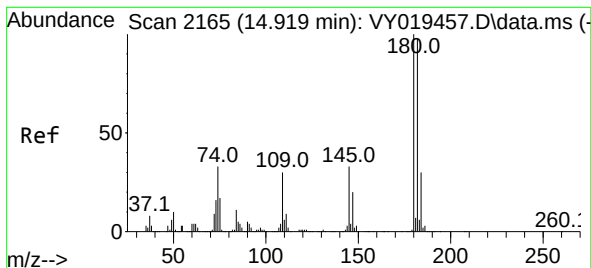
Ion Ratio Lower Upper

75 100

155 81.2 48.6 145.8

157 102.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 45.343 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

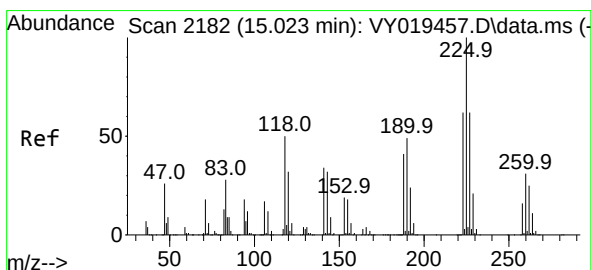
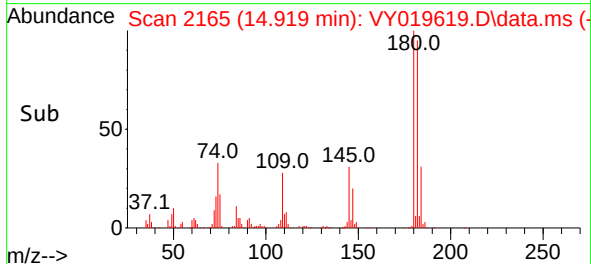
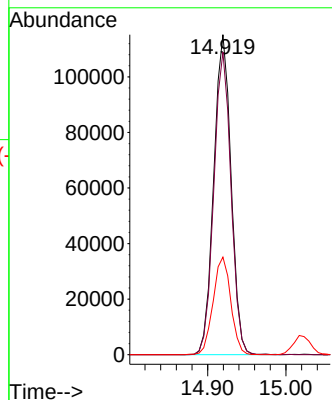
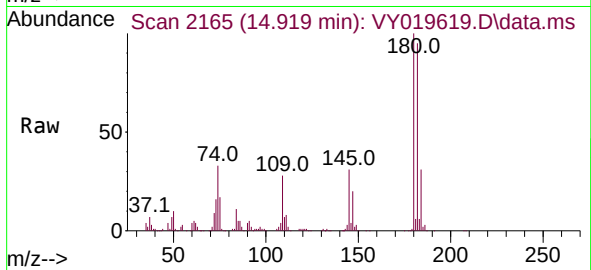
Tgt Ion:180 Resp: 176509

Ion Ratio Lower Upper

180 100

182 93.8 47.9 143.8

145 31.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.656 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

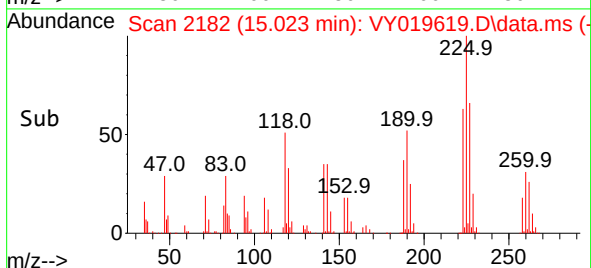
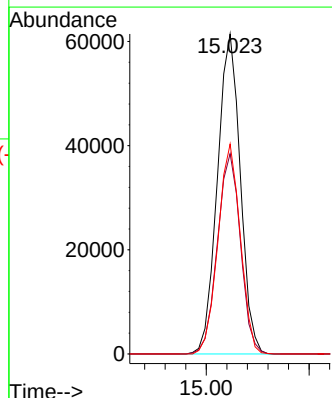
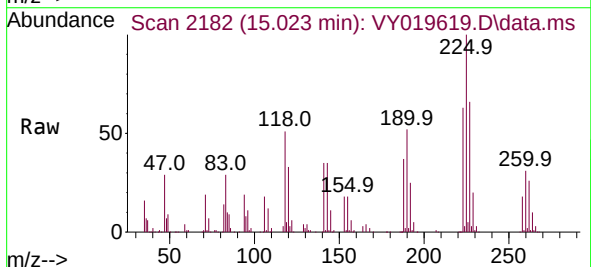
Tgt Ion:225 Resp: 94946

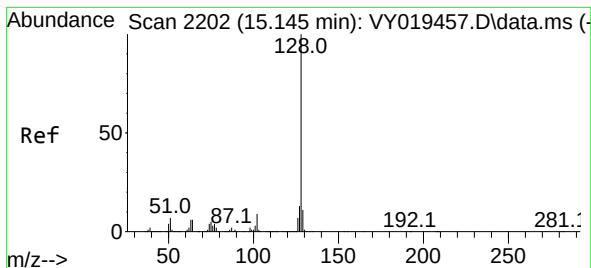
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 63.9 31.9 95.9





#95

Naphthalene

Concen: 47.078 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Instrument :

MSVOA_Y

ClientSampleId :

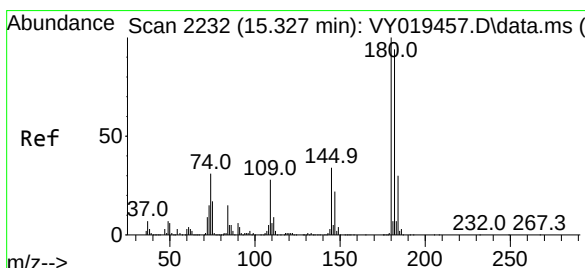
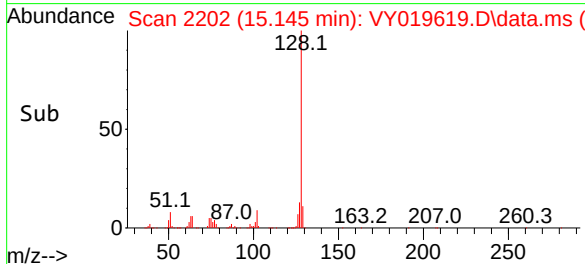
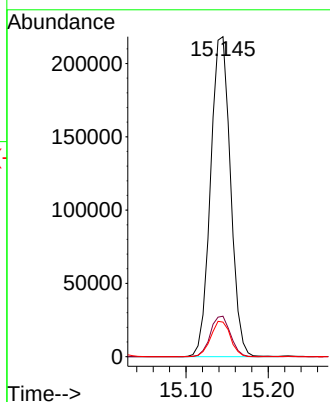
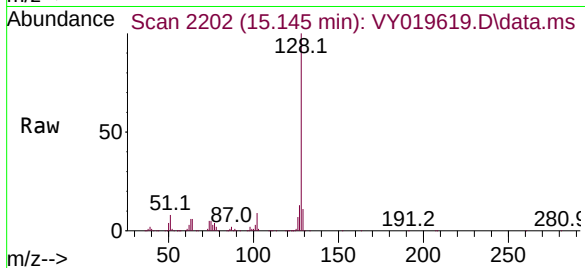
Tgt Ion:128 Resp: 366995

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 45.859 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019619.D

Acq: 18 Sep 2024 20:24

Tgt Ion:180 Resp: 152696

Ion Ratio Lower Upper

180 100

182 94.5 47.6 142.9

145 34.2 15.4 46.1

