

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020347.D
 Acq On : 20 Nov 2024 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:41:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	225214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	368816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	305686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	139421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	127232	49.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.340%
35) Dibromofluoromethane	7.640	113	112981	47.773	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.109	98	459693	49.344	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.680%
62) 4-Bromofluorobenzene	12.407	95	150728	50.330	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	100.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	123842	56.651	ug/l	99
3) Chloromethane	2.074	50	133060	46.102	ug/l	97
4) Vinyl Chloride	2.208	62	132743	44.262	ug/l	100
5) Bromomethane	2.604	94	70092	46.797	ug/l	94
6) Chloroethane	2.745	64	79628	45.515	ug/l	100
7) Trichlorofluoromethane	3.068	101	215305	51.662	ug/l	100
8) Diethyl Ether	3.464	74	64095	48.744	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	123082	49.591	ug/l	100
10) Methyl Iodide	4.013	142	159702	48.038	ug/l	95
11) Tert butyl alcohol	4.878	59	40473	210.807	ug/l	98
12) 1,1-Dichloroethene	3.799	96	120837	49.185	ug/l	98
13) Acrolein	3.665	56	40645	253.685	ug/l	97
14) Allyl chloride	4.391	41	230831	48.587	ug/l	94
15) Acrylonitrile	5.067	53	140212	241.217	ug/l	100
16) Acetone	3.878	43	174248	280.915	ug/l	96
17) Carbon Disulfide	4.116	76	401178	48.469	ug/l	99
18) Methyl Acetate	4.391	43	67940	46.988	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	306676	48.052	ug/l	100
20) Methylene Chloride	4.622	84	124584	47.429	ug/l	95
21) trans-1,2-Dichloroethene	5.122	96	132259	48.470	ug/l	94
22) Diisopropyl ether	6.024	45	438804	46.869	ug/l	99
23) Vinyl Acetate	5.970	43	1264142	241.614	ug/l	99
24) 1,1-Dichloroethane	5.927	63	253827	48.024	ug/l	99
25) 2-Butanone	6.902	43	215679	270.087	ug/l	100
26) 2,2-Dichloropropane	6.890	77	224188	51.319	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	148899	49.542	ug/l	99
28) Bromochloromethane	7.250	49	101919	45.817	ug/l	96
29) Tetrahydrofuran	7.262	42	120244	251.939	ug/l	97
30) Chloroform	7.427	83	244256	47.857	ug/l	99
31) Cyclohexane	7.707	56	238839	49.517	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	227690	50.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	189435	52.444	ug/l	99
37) Ethyl Acetate	6.988	43	85978	51.960	ug/l	99
38) Carbon Tetrachloride	7.823	117	209178	55.464	ug/l	95
39) Methylcyclohexane	9.115	83	247045	54.648	ug/l	98
40) Benzene	8.085	78	542044	51.206	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	44570	47.339	ug/l	97
42) 1,2-Dichloroethane	8.164	62	147581	51.651	ug/l	98
43) Isopropyl Acetate	8.201	43	167977	52.201	ug/l	99
44) Trichloroethene	8.865	130	127292	50.753	ug/l	99
45) 1,2-Dichloropropane	9.146	63	127916	50.648	ug/l	98
46) Dibromomethane	9.237	93	63867	49.338	ug/l	99
47) Bromodichloromethane	9.426	83	182364	51.033	ug/l	97
48) Methyl methacrylate	9.225	41	80458	52.297	ug/l	96
49) 1,4-Dioxane	9.231	88	13948	1047.335	ug/l #	91
51) 4-Methyl-2-Pentanone	9.999	43	422422	258.674	ug/l	100
52) Toluene	10.176	92	329120	50.868	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	171835	50.851	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	202841	52.437	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	83003	48.306	ug/l	97
56) Ethyl methacrylate	10.444	69	131486	50.954	ug/l	98
57) 1,3-Dichloropropane	10.719	76	153767	49.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	299771	244.993	ug/l	100
59) 2-Hexanone	10.761	43	325260	281.280	ug/l	100
60) Dibromochloromethane	10.914	129	112637	50.857	ug/l	99
61) 1,2-Dibromoethane	11.017	107	77227	48.502	ug/l	100
64) Tetrachloroethene	10.652	164	111013	50.380	ug/l	98
65) Chlorobenzene	11.444	112	340543	49.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	115801	50.860	ug/l	98
67) Ethyl Benzene	11.523	91	647145	51.467	ug/l	100
68) m/p-Xylenes	11.633	106	470841	103.957	ug/l	97
69) o-Xylene	11.956	106	221785	51.628	ug/l	98
70) Styrene	11.975	104	372408	52.177	ug/l	98
71) Bromoform	12.133	173	61199	51.574	ug/l #	100
73) Isopropylbenzene	12.255	105	608837	51.550	ug/l	100
74) N-amyl acetate	12.072	43	151841	53.200	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.511	83	92848	48.642	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	127355	96.915	ug/l #	100
77) Bromobenzene	12.535	156	123012	49.713	ug/l	97
78) n-propylbenzene	12.596	91	738216	52.082	ug/l	100
79) 2-Chlorotoluene	12.682	91	413107	50.690	ug/l	98
80) 1,3,5-Trimethylbenzene	12.743	105	491310	51.473	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	33894	50.540	ug/l	98
82) 4-Chlorotoluene	12.779	91	421177	50.075	ug/l	97
83) tert-Butylbenzene	12.999	119	447082	53.077	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	480451	50.771	ug/l	99
85) sec-Butylbenzene	13.182	105	648374	48.826	ug/l	100
86) p-Isopropyltoluene	13.298	119	533982	52.008	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	242976	48.563	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	238102	49.808	ug/l	99
89) n-Butylbenzene	13.621	91	518610	52.746	ug/l	99
90) Hexachloroethane	13.883	117	99668	50.295	ug/l	98
91) 1,2-Dichlorobenzene	13.663	146	208100	49.921	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	15217	48.583	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	133003	52.769	ug/l	99
94) Hexachlorobutadiene	15.029	225	87110	56.619	ug/l	99
95) Naphthalene	15.151	128	237543	54.723	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	110769	51.399	ug/l	99

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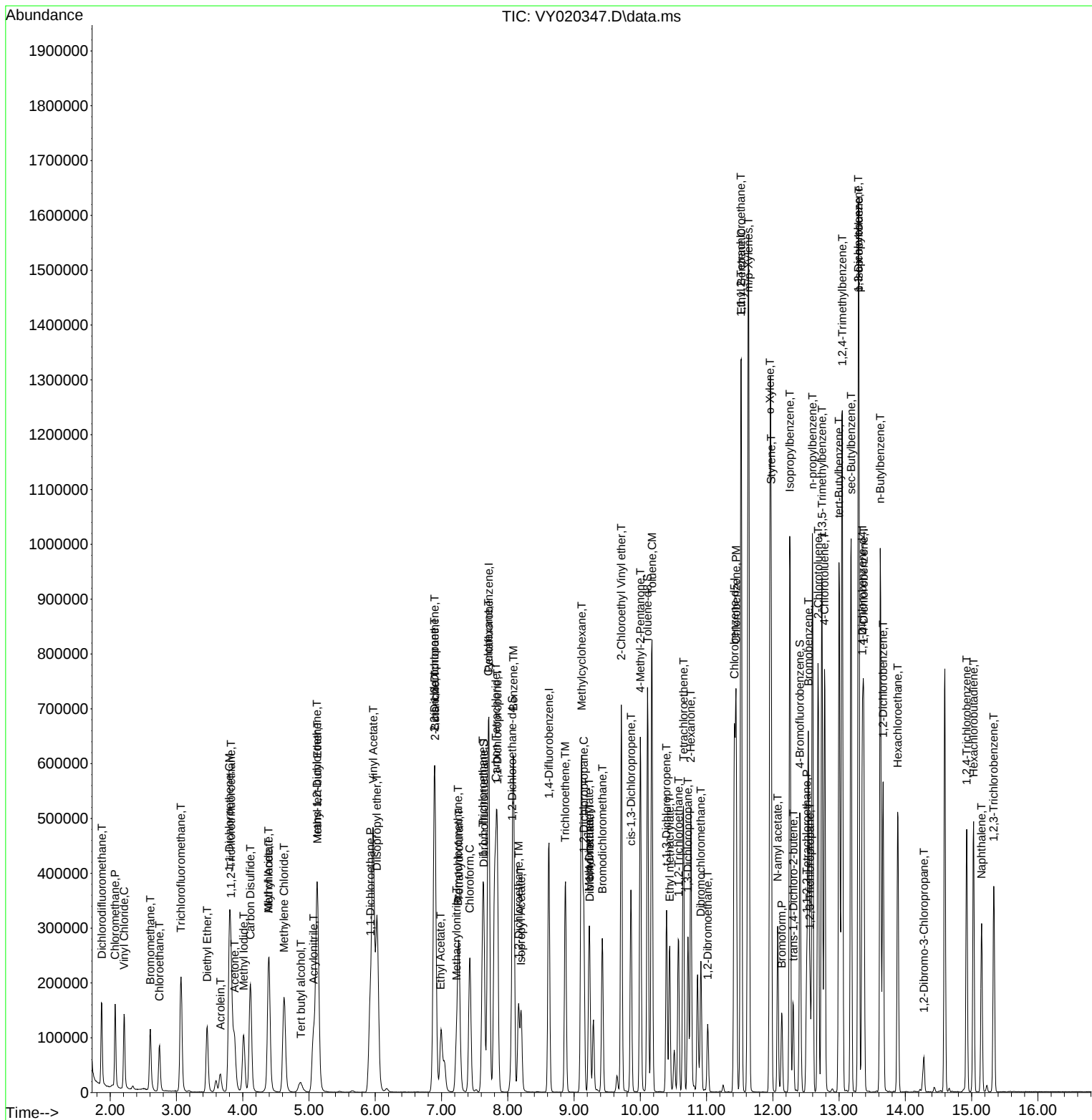
Instrument :
MSVOA_Y
ClientSampleId :

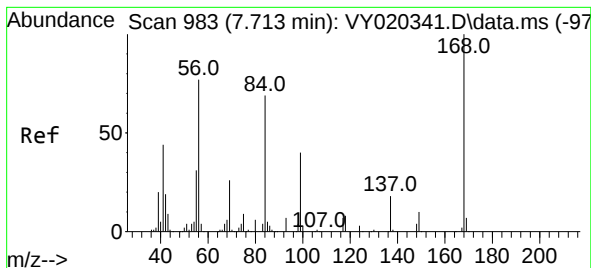
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Quant Title : SW846 8260
QLast Update : Wed Nov 20 04:38:24 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY020347.D

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Instrument :

MSVOA_Y

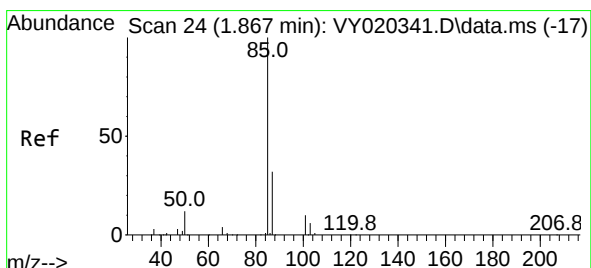
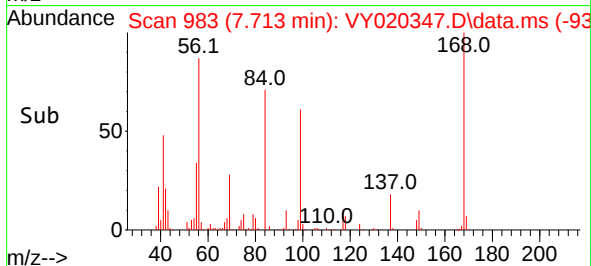
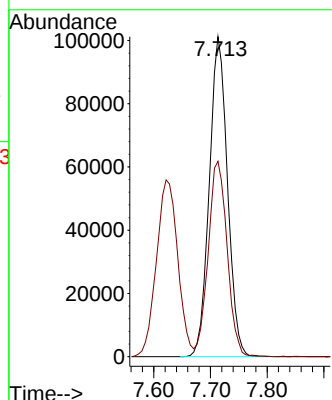
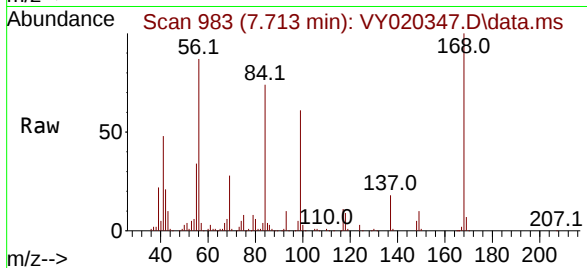
ClientSampleId :

Tgt Ion:168 Resp: 225214

Ion Ratio Lower Upper

168 100

99 61.0 46.6 69.8



#2

Dichlorodifluoromethane

Concen: 56.651 ug/l

RT: 1.873 min Scan# 25

Delta R.T. 0.006 min

Lab File: VY020347.D

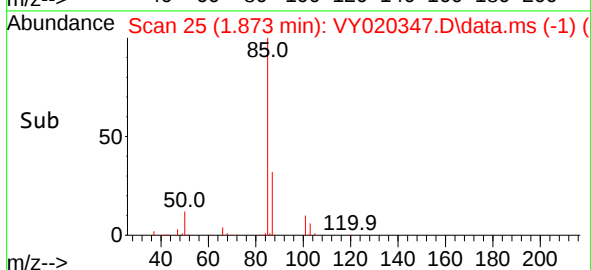
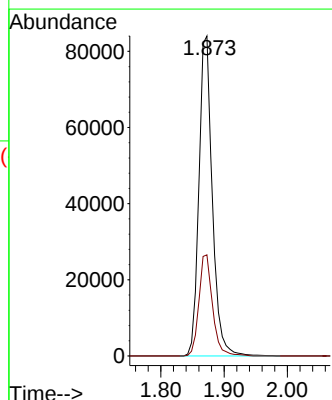
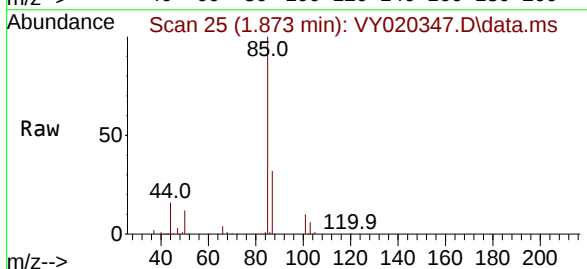
Acq: 20 Nov 2024 09:34

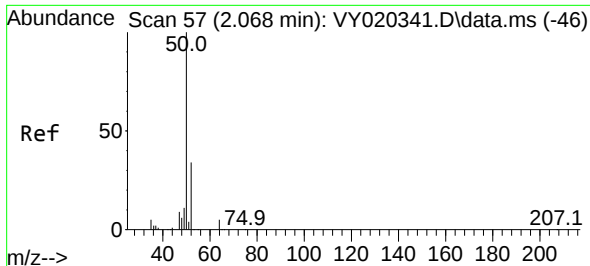
Tgt Ion: 85 Resp: 123842

Ion Ratio Lower Upper

85 100

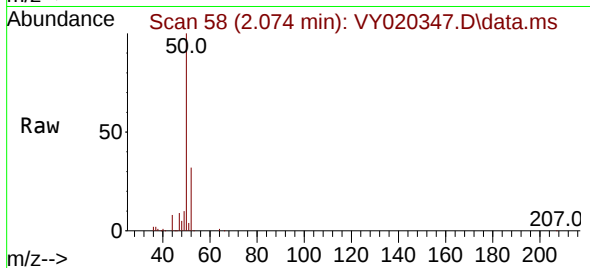
87 31.6 16.1 48.2



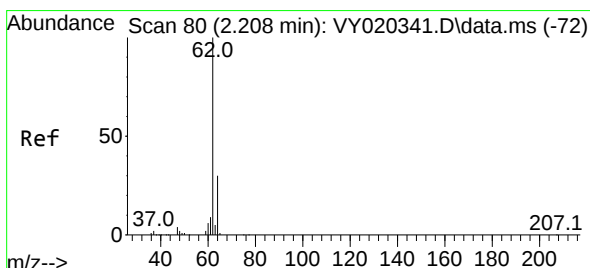
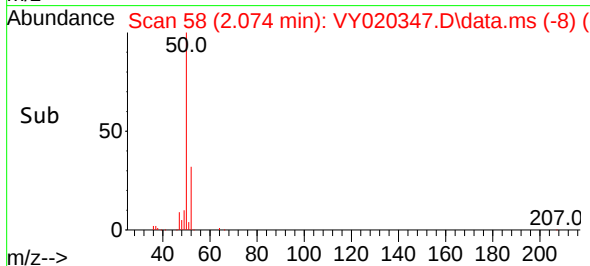
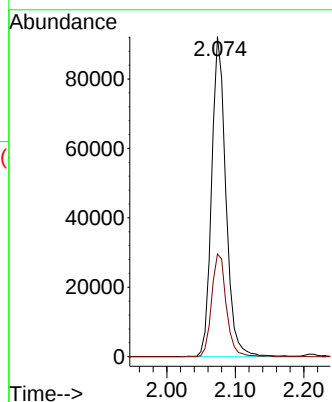


#3
Chloromethane
Concen: 46.102 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Instrument :
MSVOA_Y
ClientSampleId :

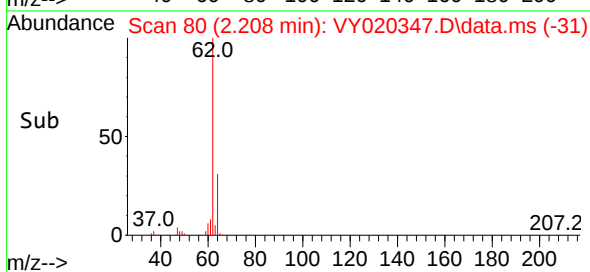
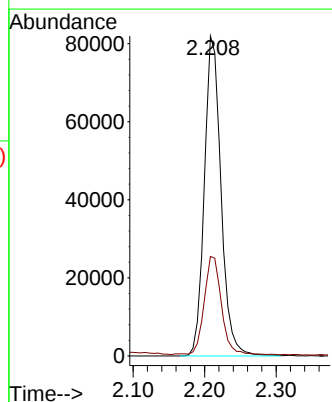
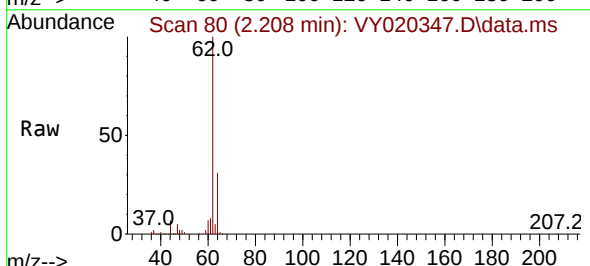


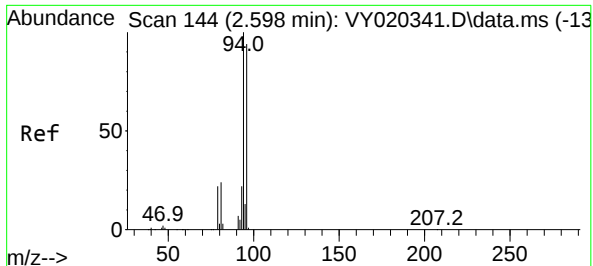
Tgt Ion: 50 Resp: 133060
Ion Ratio Lower Upper
50 100
52 32.1 26.9 40.3



#4
Vinyl Chloride
Concen: 44.262 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 62 Resp: 132743
Ion Ratio Lower Upper
62 100
64 30.7 24.7 37.1

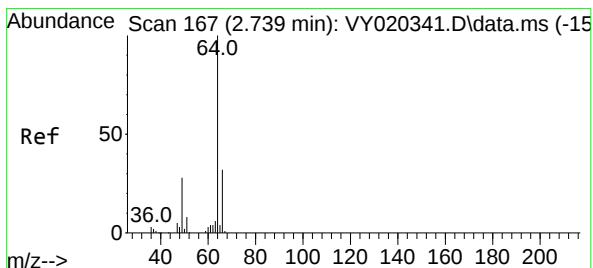
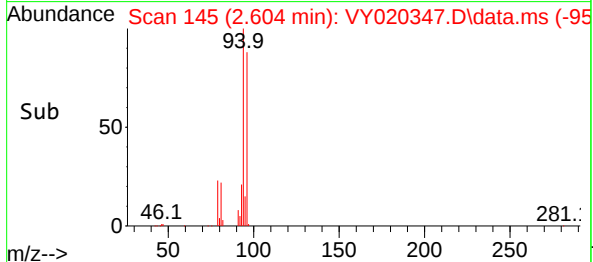
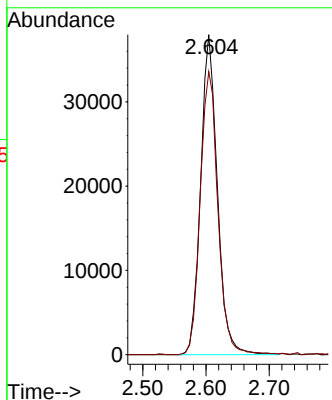
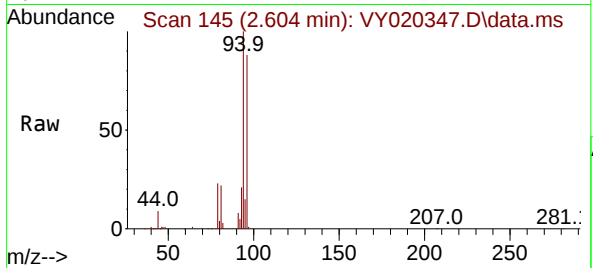




#5
Bromomethane
Concen: 46.797 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

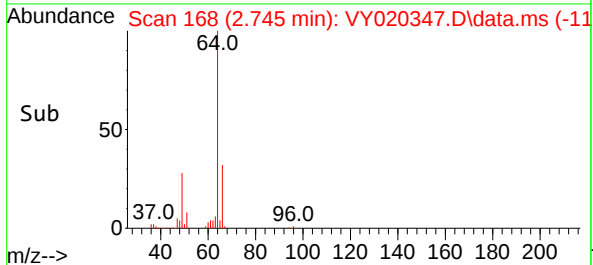
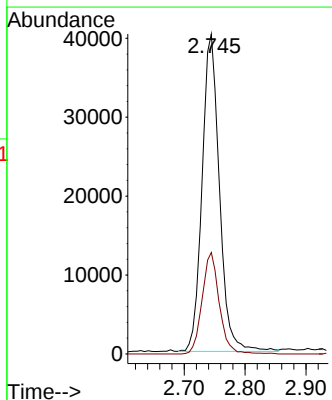
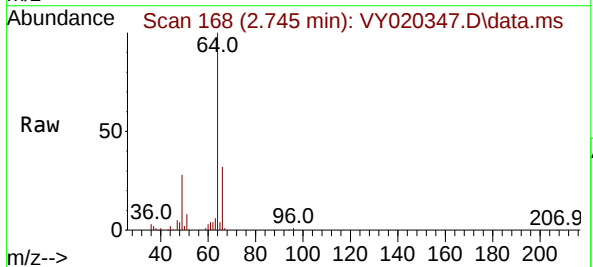
Instrument :
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ClientSampleId :

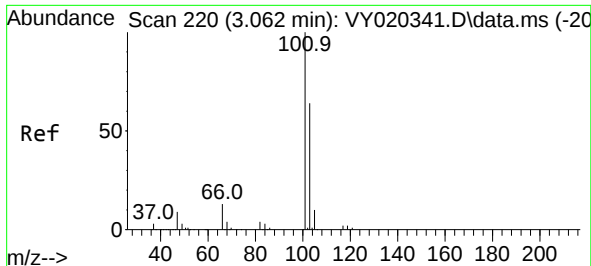
Tgt Ion: 94 Resp: 70092
Ion Ratio Lower Upper
94 100
96 88.5 75.4 113.2



#6
Chloroethane
Concen: 45.515 ug/l
RT: 2.745 min Scan# 168
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 64 Resp: 79628
Ion Ratio Lower Upper
64 100
66 32.0 25.7 38.5





#7

Trichlorofluoromethane

Concen: 51.662 ug/l

RT: 3.068 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

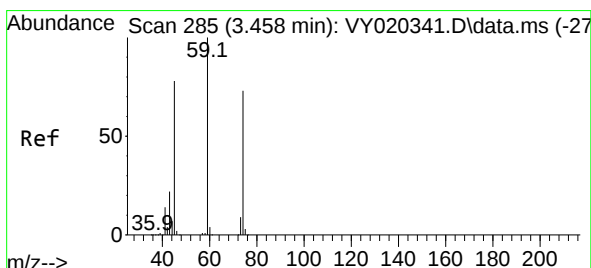
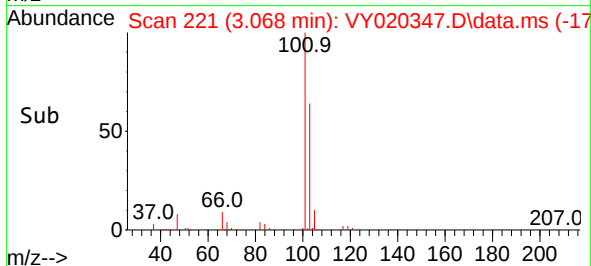
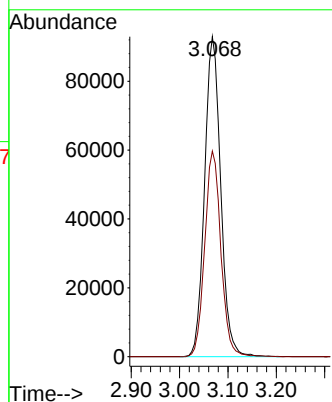
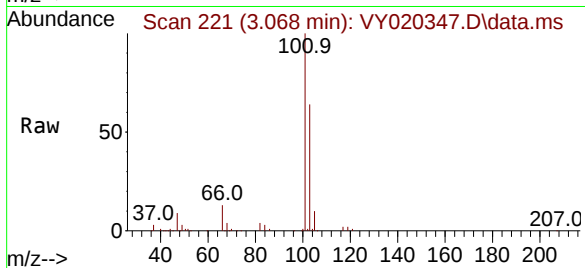
ClientSampleId :

Tgt Ion:101 Resp: 215305

Ion Ratio Lower Upper

101 100

103 64.3 51.5 77.3



#8

Diethyl Ether

Concen: 48.744 ug/l

RT: 3.464 min Scan# 286

Delta R.T. 0.006 min

Lab File: VY020347.D

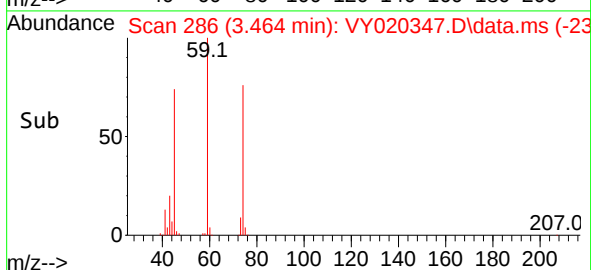
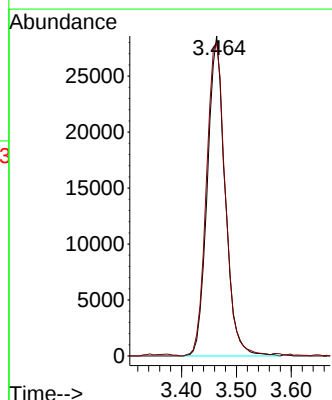
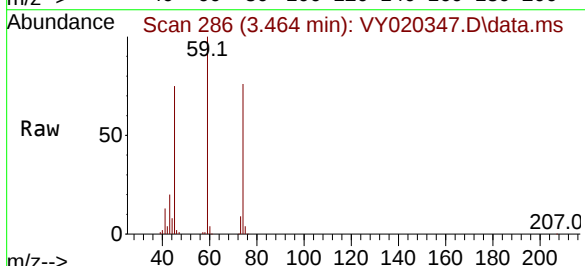
Acq: 20 Nov 2024 09:34

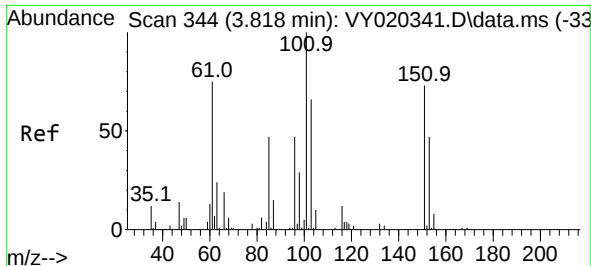
Tgt Ion: 74 Resp: 64095

Ion Ratio Lower Upper

74 100

45 104.5 53.6 160.8

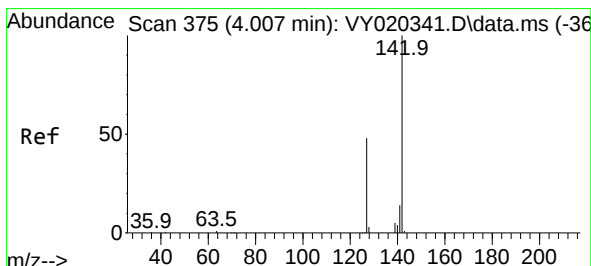
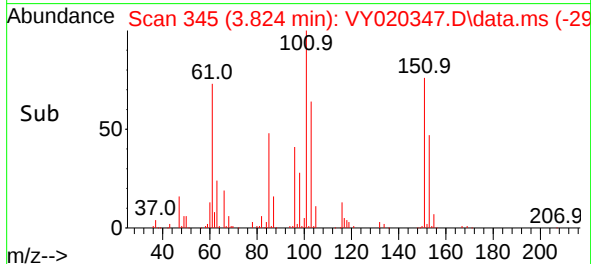
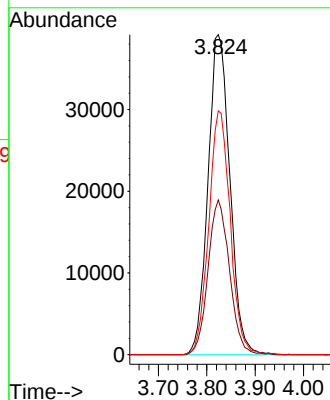
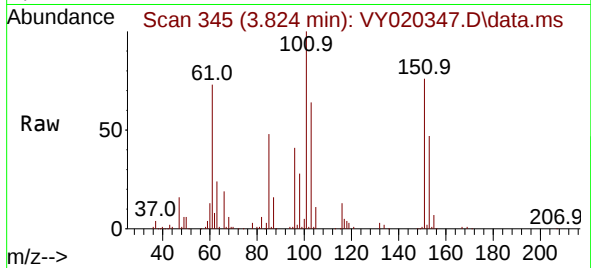




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.591 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

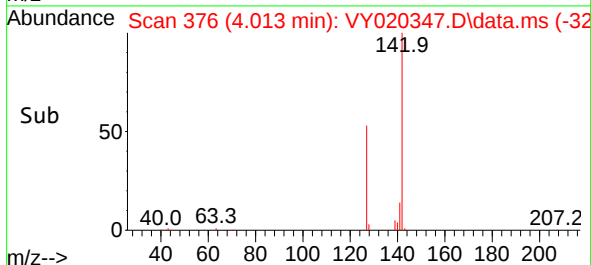
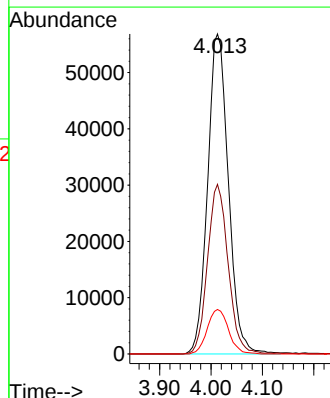
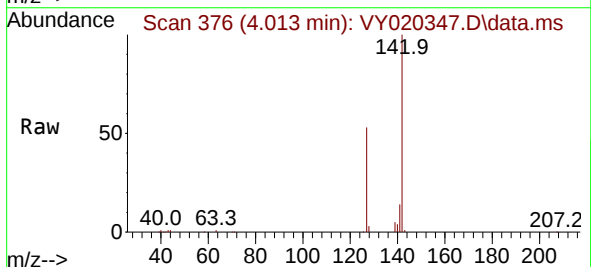
Instrument :
MSVOA_Y
ClientSampleId :

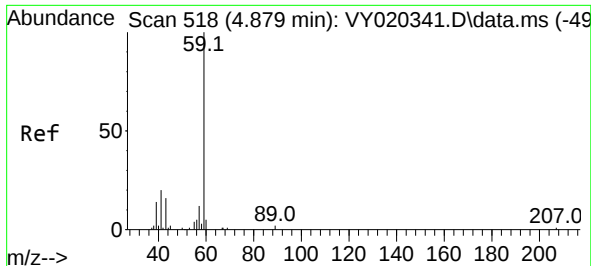
Tgt Ion:101 Resp: 123082
Ion Ratio Lower Upper
101 100
85 47.4 38.0 57.0
151 74.7 59.6 89.4



#10
Methyl Iodide
Concen: 48.038 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion:142 Resp: 159702
Ion Ratio Lower Upper
142 100
127 52.5 38.9 58.3
141 14.3 11.7 17.5

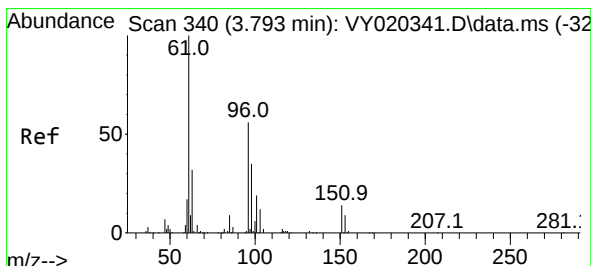
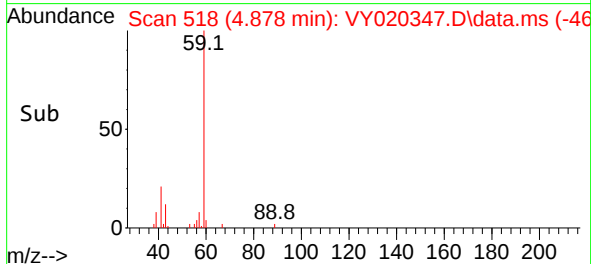
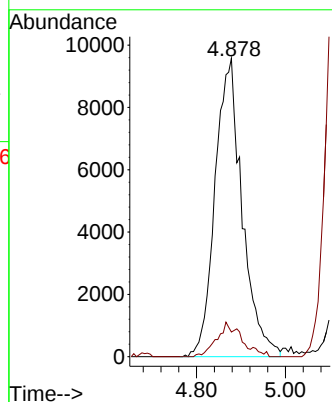
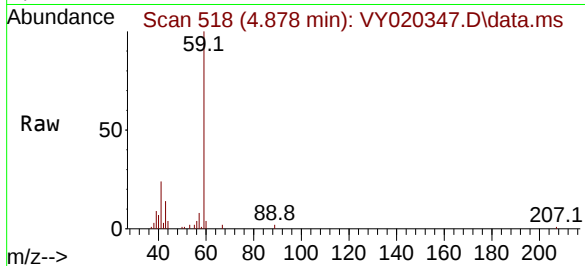




#11
Tert butyl alcohol
Concen: 210.807 ug/l
RT: 4.878 min Scan# 518
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

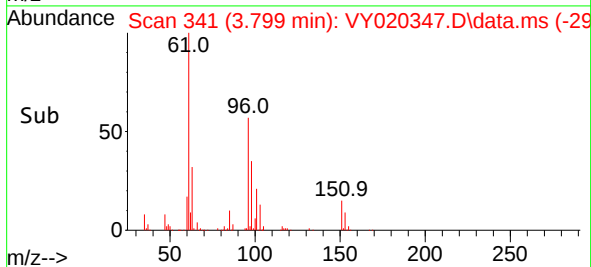
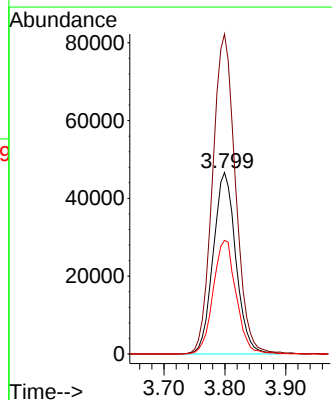
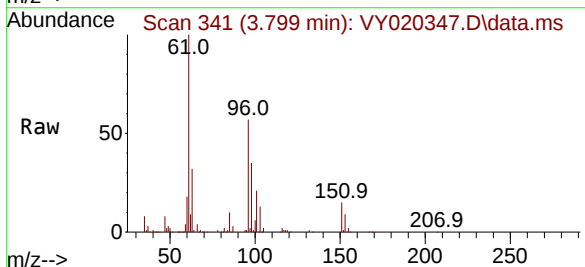
Instrument :
MSVOA_Y
ClientSampleId :

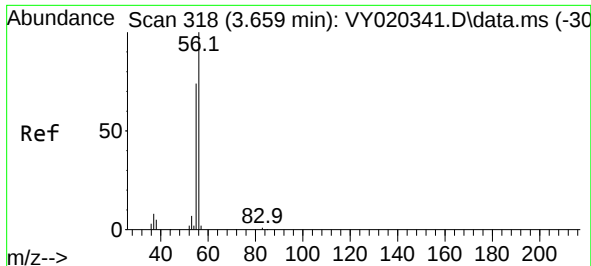
Tgt Ion: 59 Resp: 40473
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 49.185 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 96 Resp: 120837
Ion Ratio Lower Upper
96 100
61 176.3 143.3 214.9
98 62.6 49.8 74.8





#13

Acrolein

Concen: 253.685 ug/l

RT: 3.665 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

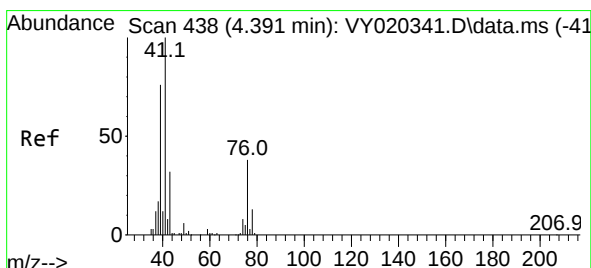
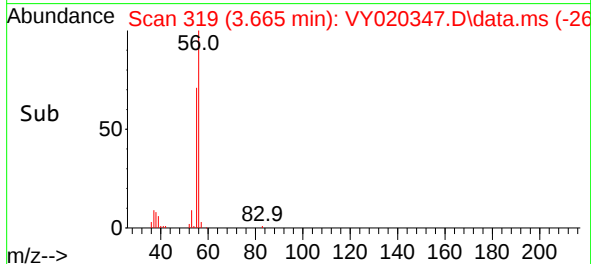
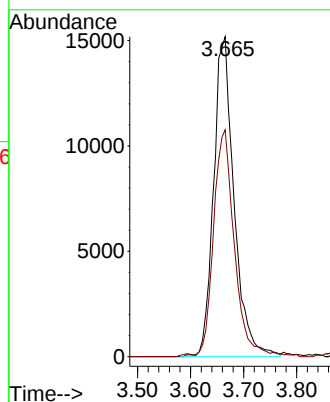
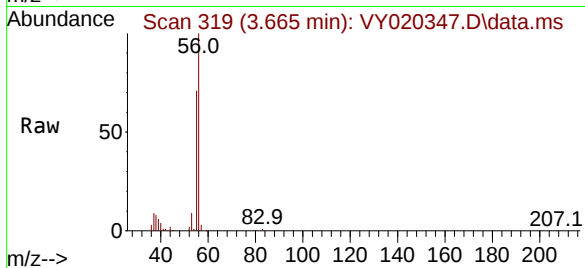
ClientSampleId :

Tgt Ion: 56 Resp: 40645

Ion Ratio Lower Upper

56 100

55 69.8 57.7 86.5



#14

Allyl chloride

Concen: 48.587 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

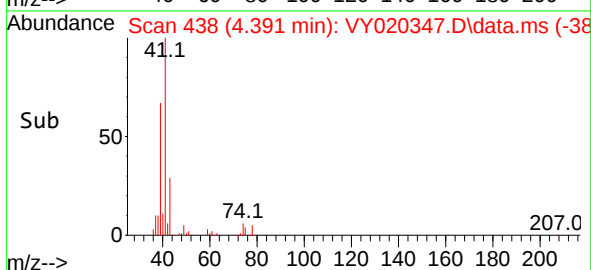
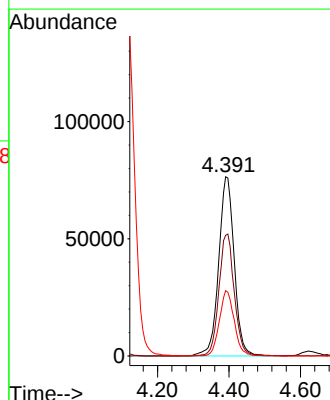
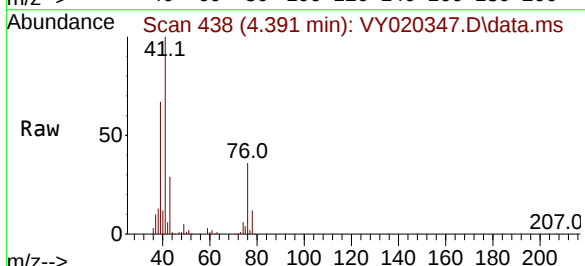
Tgt Ion: 41 Resp: 230831

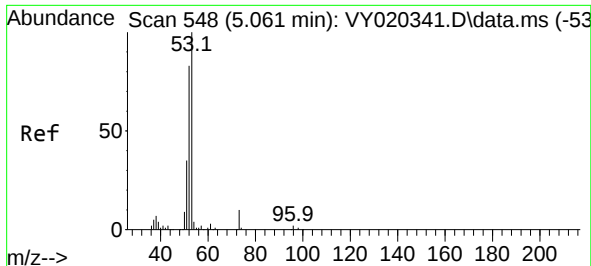
Ion Ratio Lower Upper

41 100

39 67.2 58.8 88.2

76 34.8 29.7 44.5

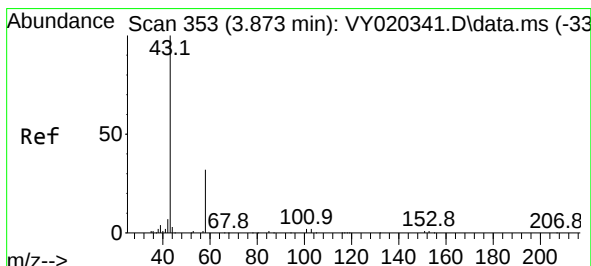
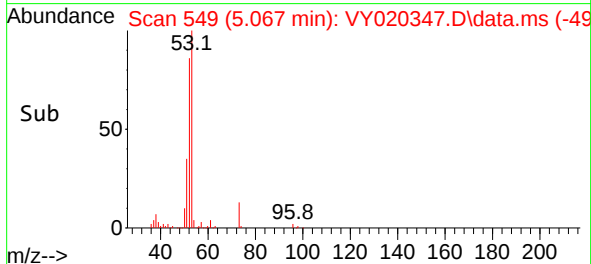
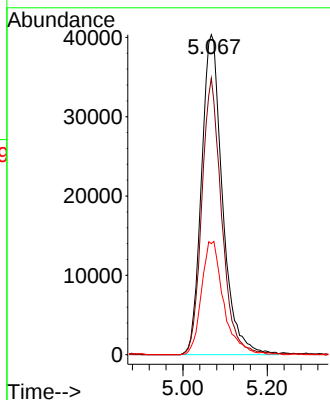
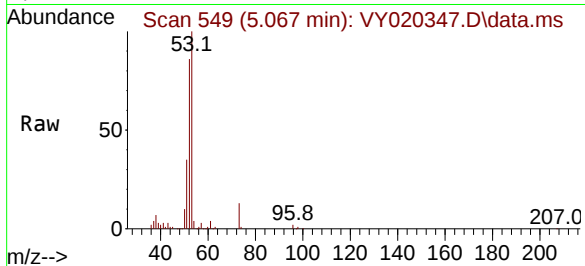




#15
Acrylonitrile
Concen: 241.217 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

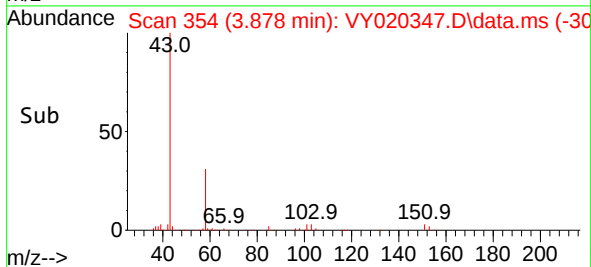
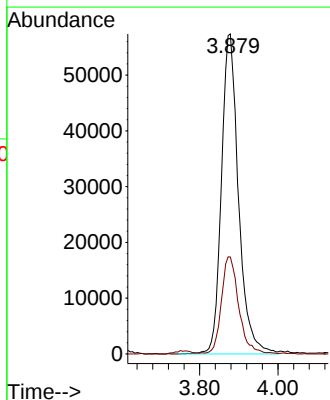
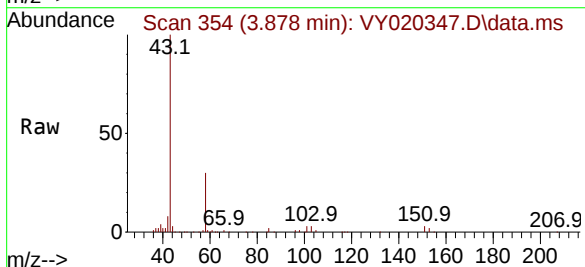
Instrument :
MSVOA_Y
ClientSampleId :

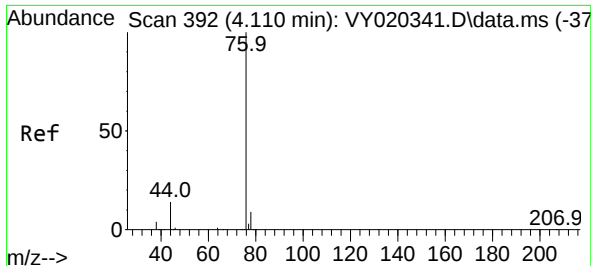
Tgt Ion: 53 Resp: 140212
Ion Ratio Lower Upper
53 100
52 81.7 65.2 97.8
51 37.1 30.2 45.4



#16
Acetone
Concen: 280.915 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 43 Resp: 174248
Ion Ratio Lower Upper
43 100
58 30.1 25.7 38.5





#17

Carbon Disulfide

Concen: 48.469 ug/l

RT: 4.116 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

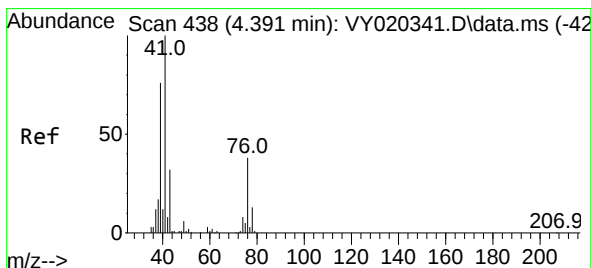
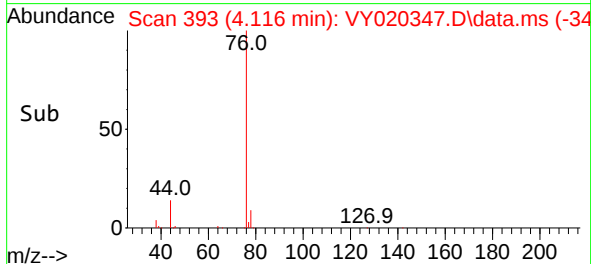
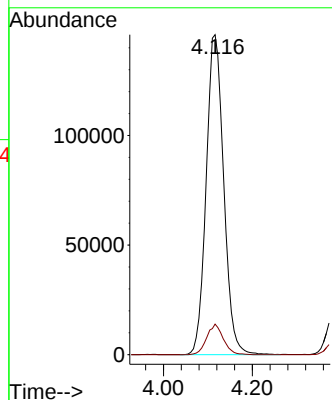
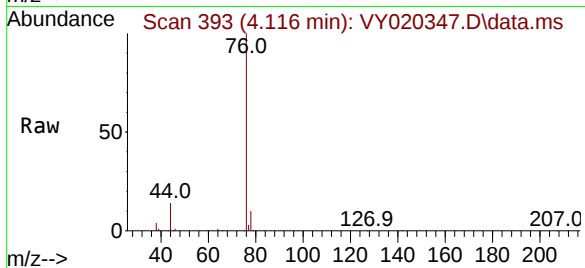
ClientSampleId :

Tgt Ion: 76 Resp: 401178

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9



#18

Methyl Acetate

Concen: 46.988 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY020347.D

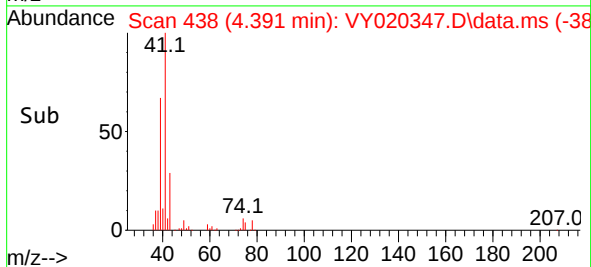
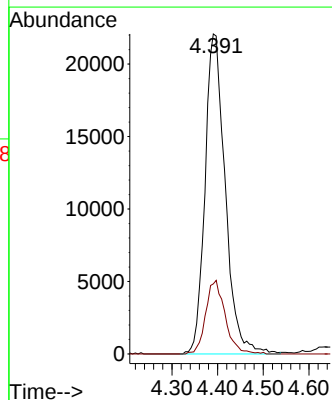
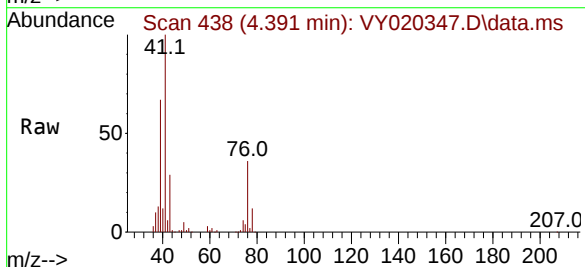
Acq: 20 Nov 2024 09:34

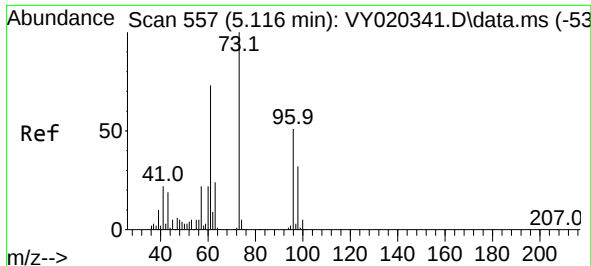
Tgt Ion: 43 Resp: 67940

Ion Ratio Lower Upper

43 100

74 22.2 18.6 27.8

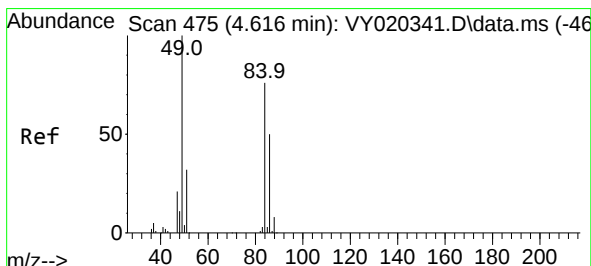
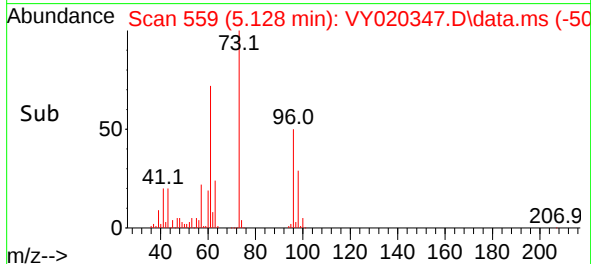
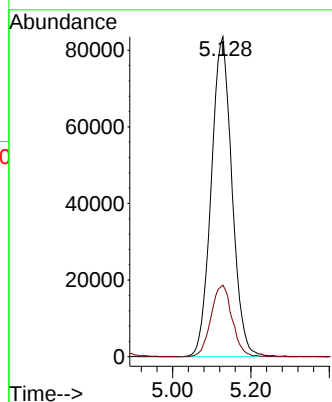
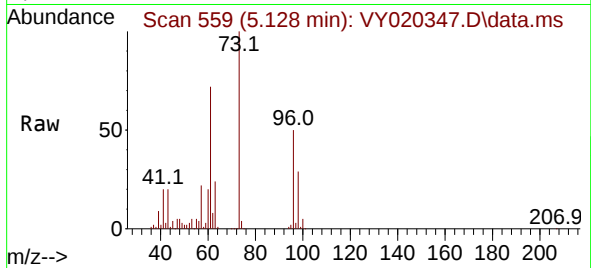




#19
Methyl tert-butyl Ether
Concen: 48.052 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

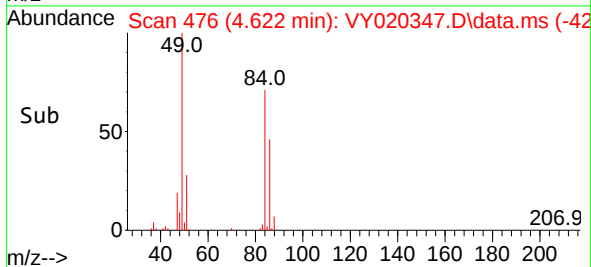
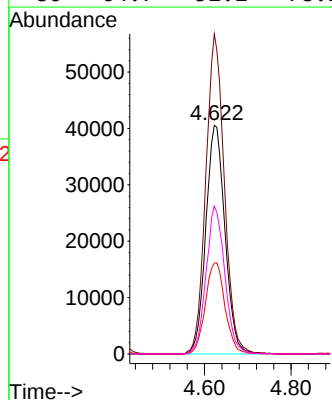
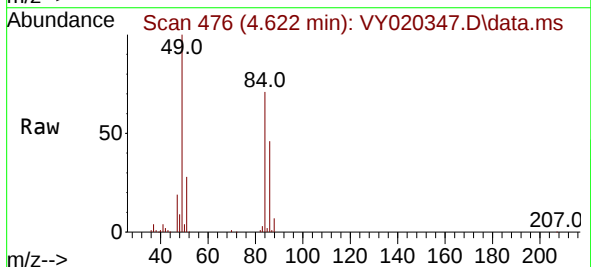
Instrument :
MSVOA_Y
ClientSampleId :

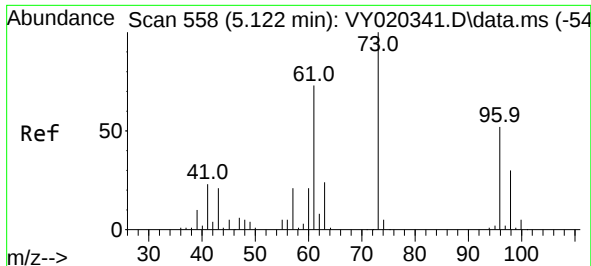
Tgt Ion: 73 Resp: 306676
Ion Ratio Lower Upper
73 100
57 22.4 18.0 27.0



#20
Methylene Chloride
Concen: 47.429 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

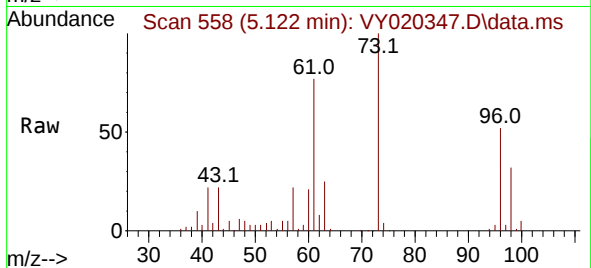
Tgt Ion: 84 Resp: 124584
Ion Ratio Lower Upper
84 100
49 139.9 104.7 157.1
51 39.7 33.4 50.0
86 64.7 52.2 78.2



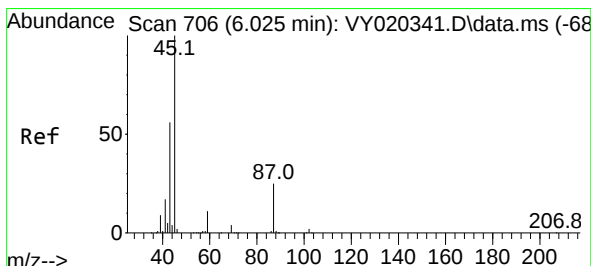
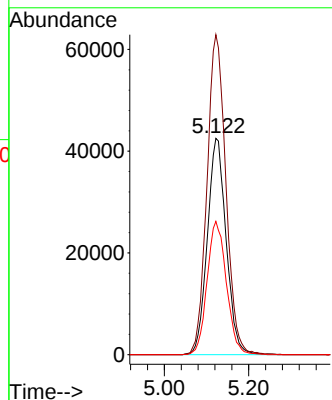
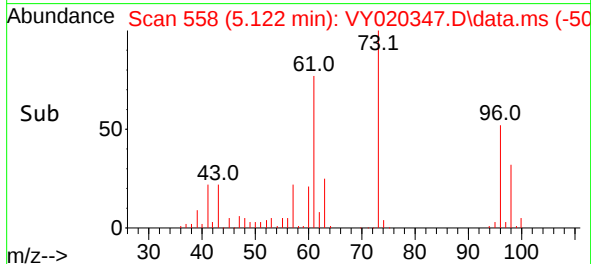


#21
trans-1,2-Dichloroethene
Concen: 48.470 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

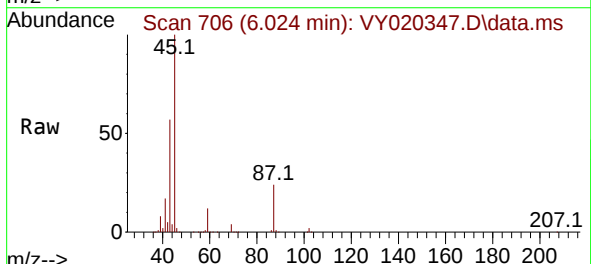
Instrument :
MSVOA_Y
ClientSampleId :



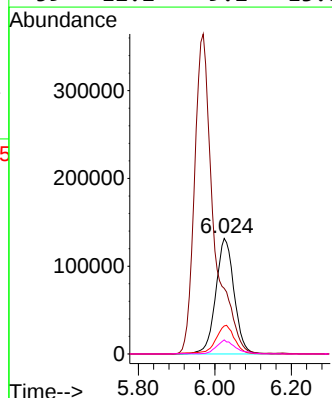
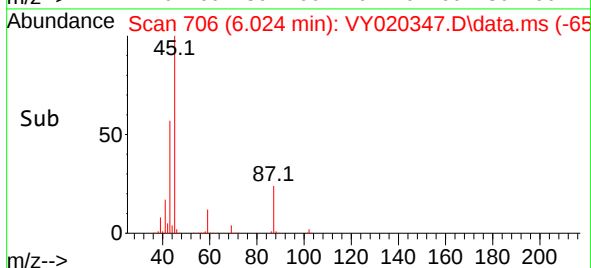
Tgt Ion: 96 Resp: 132259
Ion Ratio Lower Upper
96 100
61 147.9 111.6 167.4
98 61.6 46.7 70.1

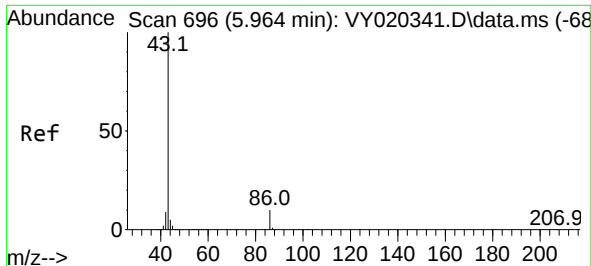


#22
Diisopropyl ether
Concen: 46.869 ug/l
RT: 6.024 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34



Tgt Ion: 45 Resp: 438804
Ion Ratio Lower Upper
45 100
43 56.1 44.8 67.2
87 24.2 20.6 30.8
59 12.2 9.2 13.8

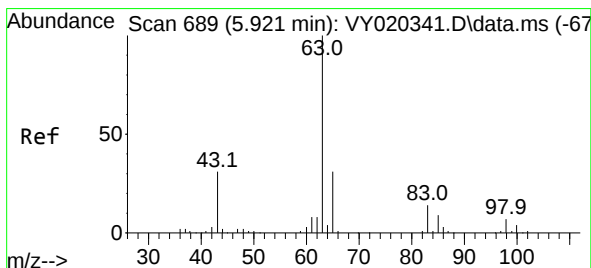
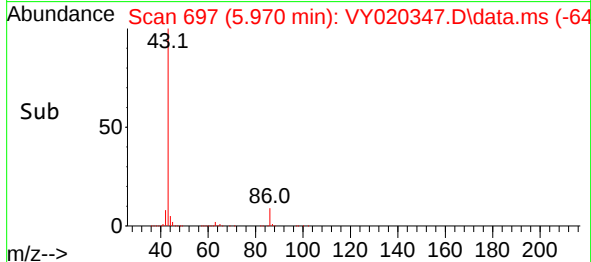
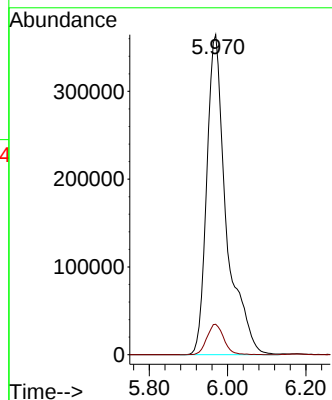
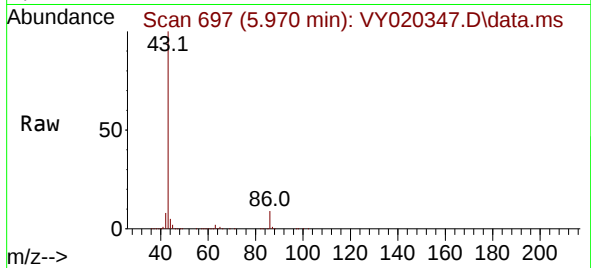




#23
 Vinyl Acetate
 Concen: 241.614 ug/l
 RT: 5.970 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020347.D
 Acq: 20 Nov 2024 09:34

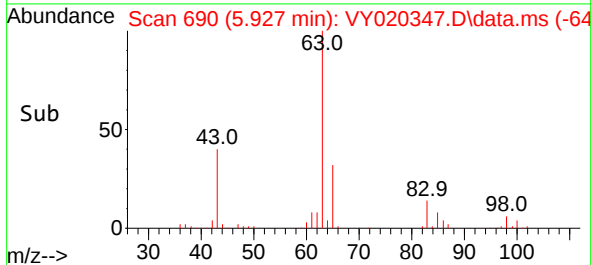
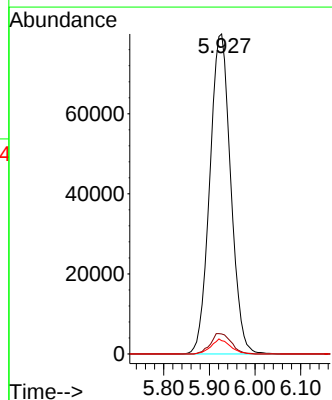
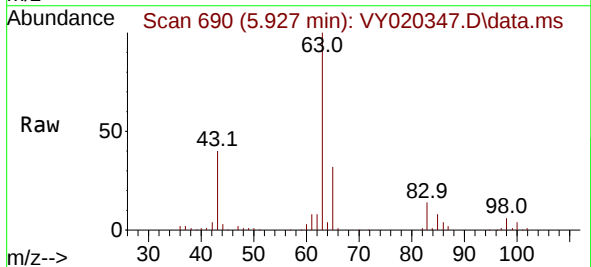
Instrument :
 MSVOA_Y
 ClientSampleId :

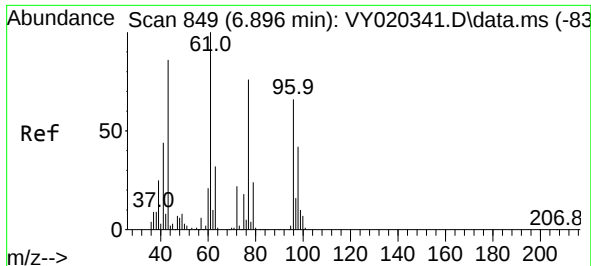
Tgt Ion: 43 Resp: 1264142
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.024 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY020347.D
 Acq: 20 Nov 2024 09:34

Tgt Ion: 63 Resp: 253827
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.4 10.1
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 270.087 ug/l

RT: 6.902 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

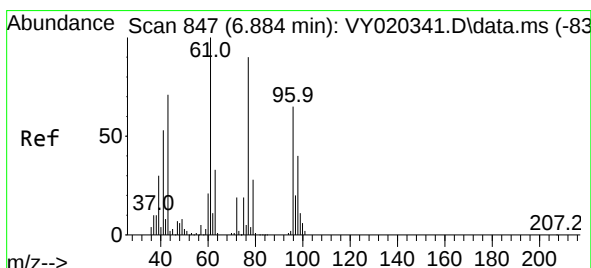
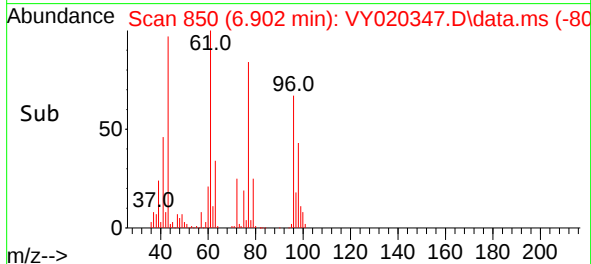
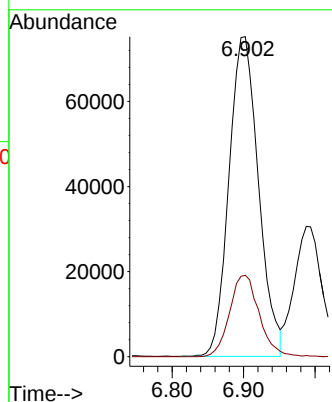
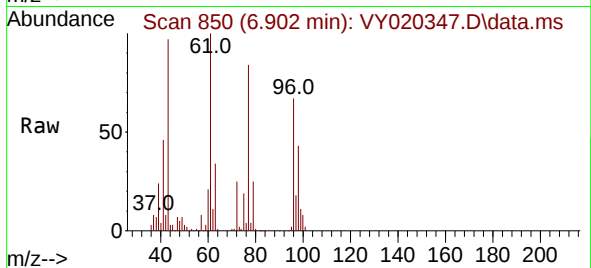
ClientSampleId :

Tgt Ion: 43 Resp: 215679

Ion Ratio Lower Upper

43 100

72 25.5 20.4 30.6



#26

2,2-Dichloropropane

Concen: 51.319 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY020347.D

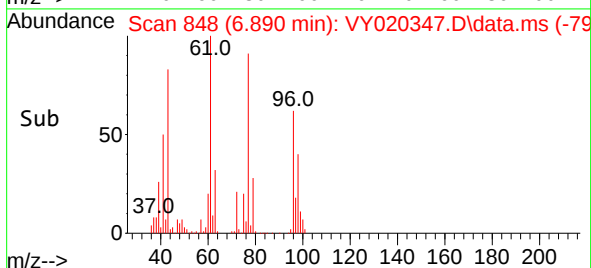
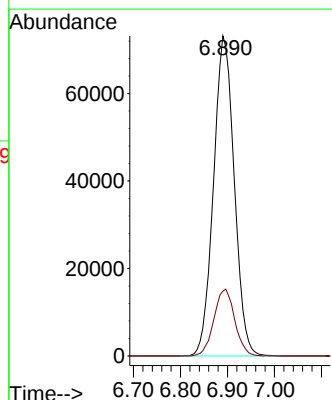
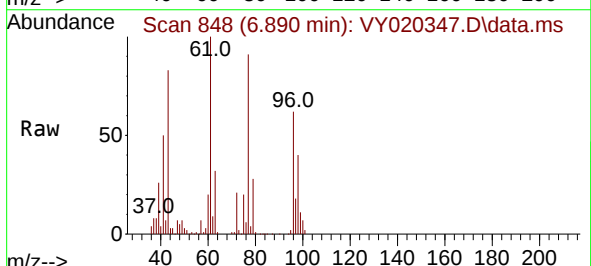
Acq: 20 Nov 2024 09:34

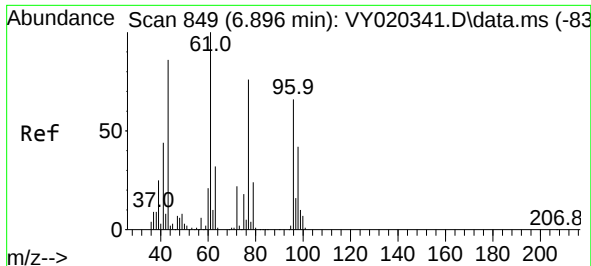
Tgt Ion: 77 Resp: 224188

Ion Ratio Lower Upper

77 100

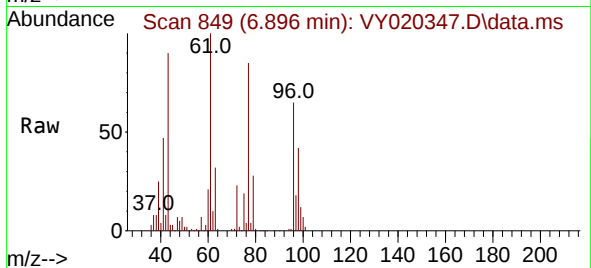
97 21.0 10.9 32.7





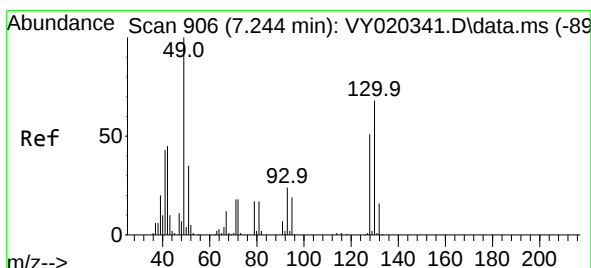
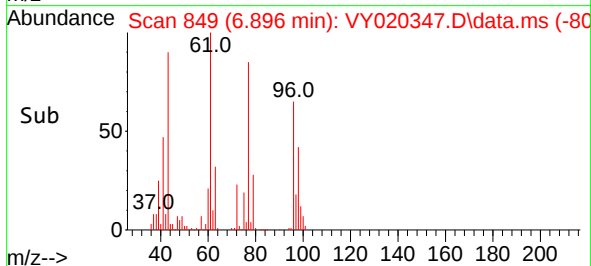
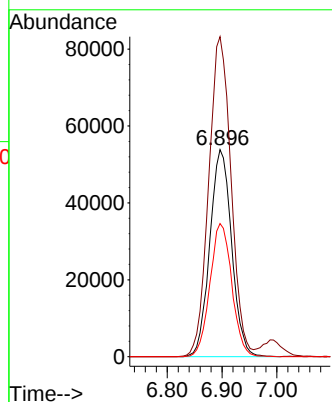
#27
 cis-1,2-Dichloroethene
 Concen: 49.542 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY020347.D
 Acq: 20 Nov 2024 09:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 148899

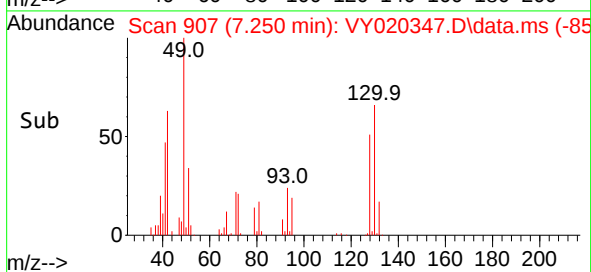
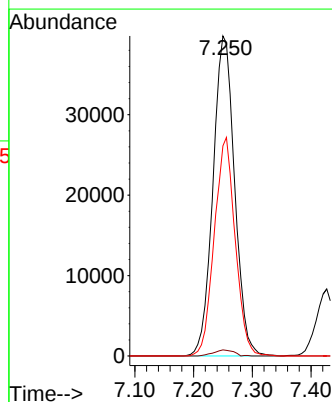
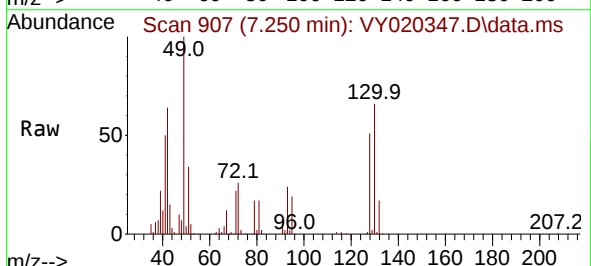
Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	312.4
98	64.4	0.0	126.8

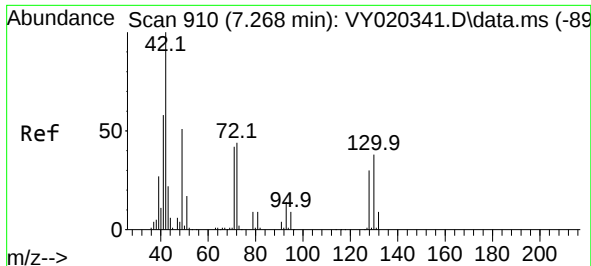


#28
 Bromochloromethane
 Concen: 45.817 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY020347.D
 Acq: 20 Nov 2024 09:34

Tgt Ion: 49 Resp: 101919

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.0
130	65.8	55.0	82.6





#29

Tetrahydrofuran

Concen: 251.939 ug/l

RT: 7.262 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

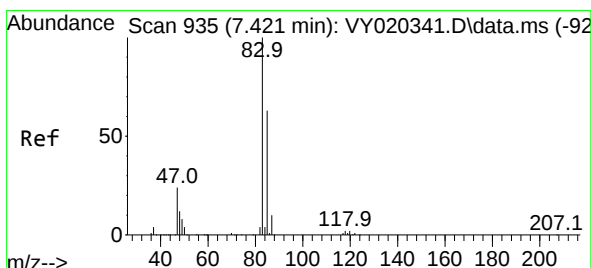
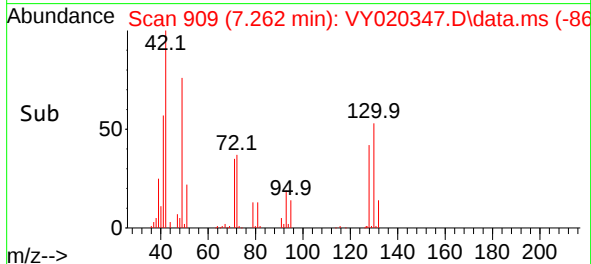
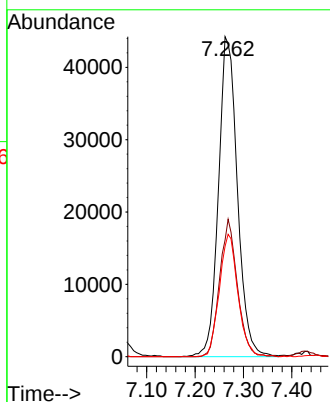
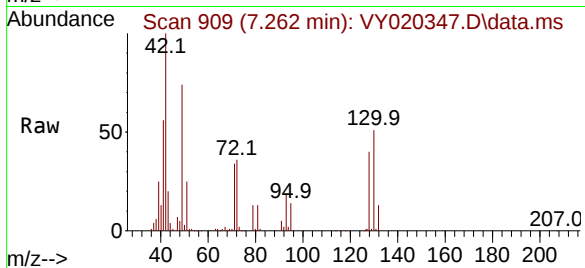
Tgt Ion: 42 Resp: 120244

Ion Ratio Lower Upper

42 100

72 40.3 33.4 50.0

71 37.7 31.9 47.9



#30

Chloroform

Concen: 47.857 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY020347.D

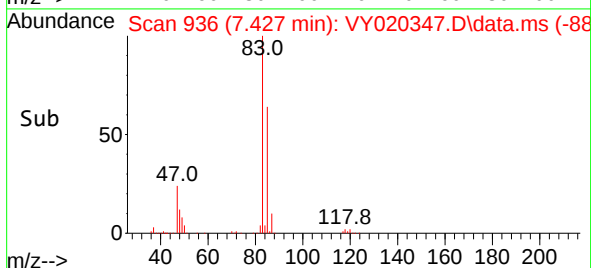
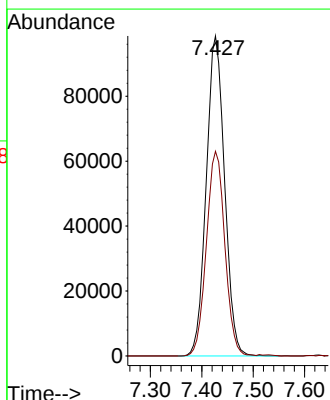
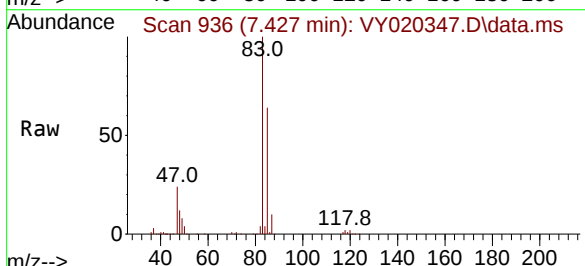
Acq: 20 Nov 2024 09:34

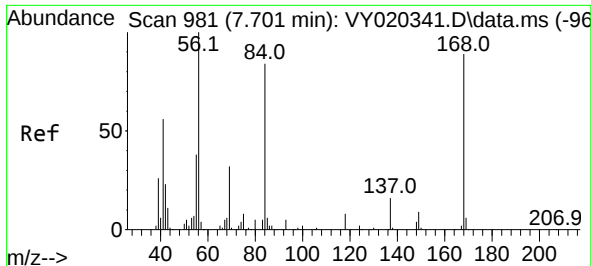
Tgt Ion: 83 Resp: 244256

Ion Ratio Lower Upper

83 100

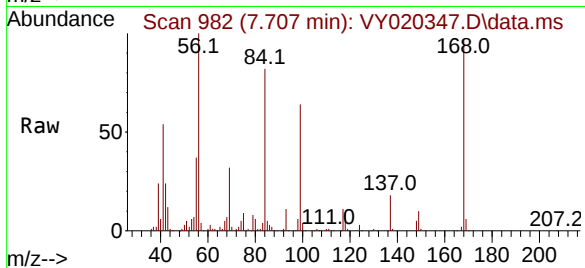
85 63.9 50.3 75.5



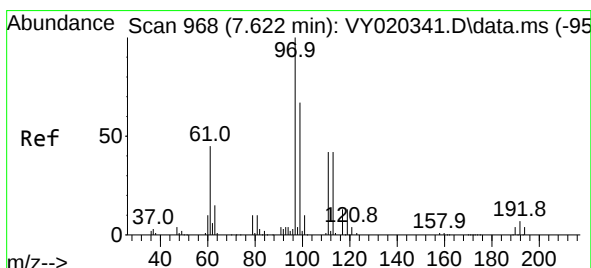
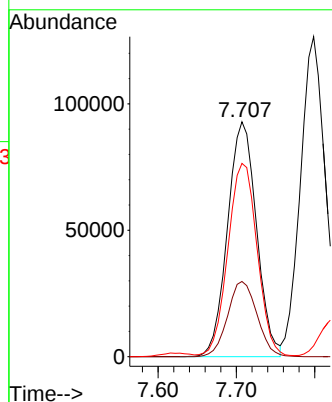
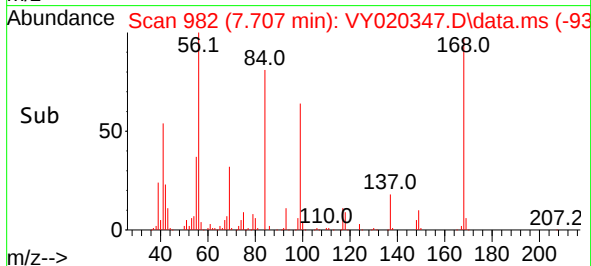


#31
Cyclohexane
Concen: 49.517 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Instrument :
MSVOA_Y
ClientSampleId :

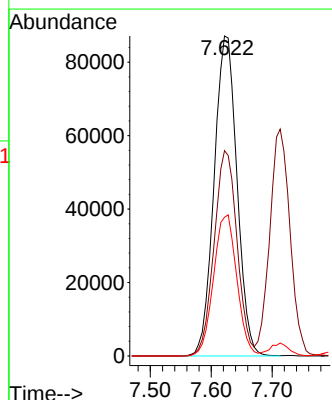
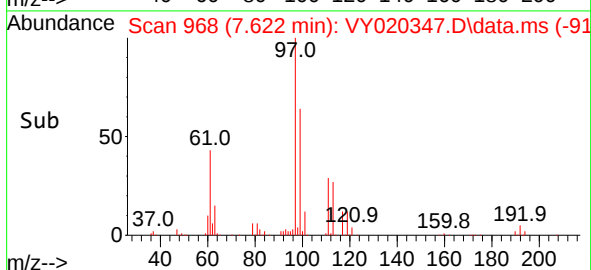
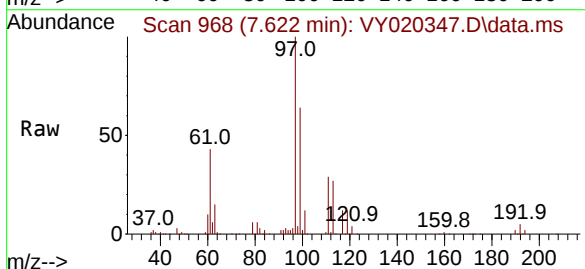


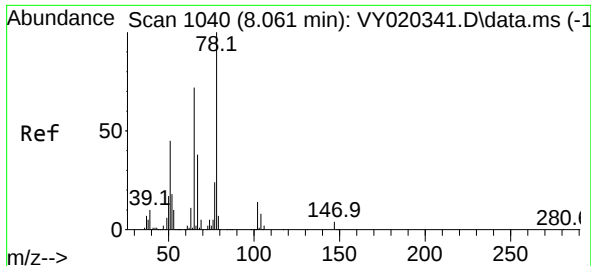
Tgt Ion: 56 Resp: 238839
Ion Ratio Lower Upper
56 100
69 32.0 25.3 37.9
84 80.8 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 50.807 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 97 Resp: 227690
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 44.8 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 49.173 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

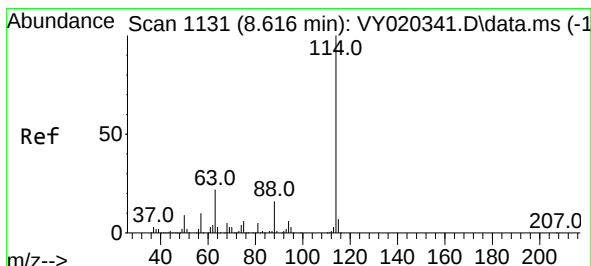
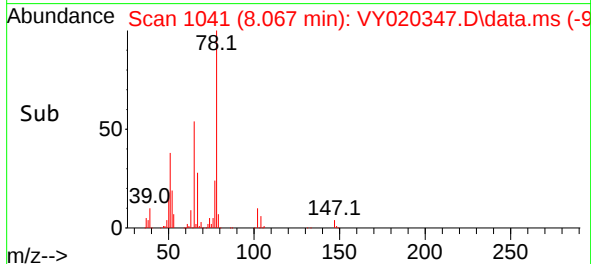
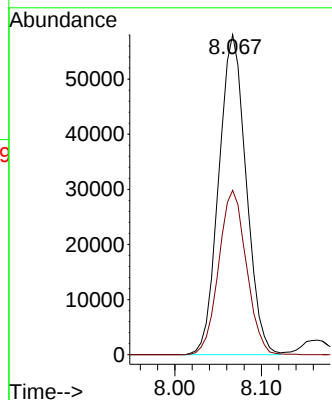
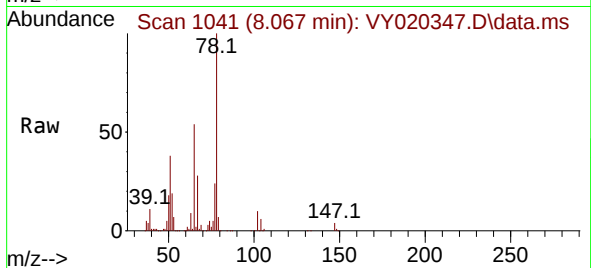
ClientSampleId :

Tgt Ion: 65 Resp: 127232

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

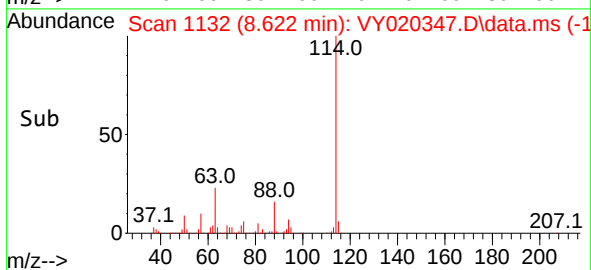
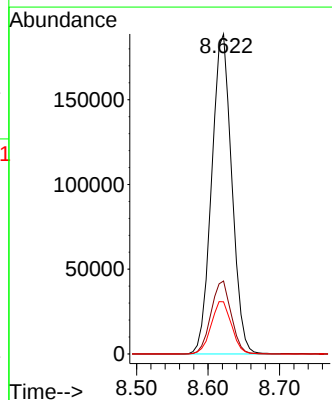
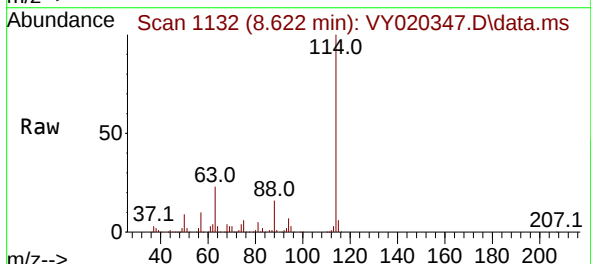
Tgt Ion: 114 Resp: 368816

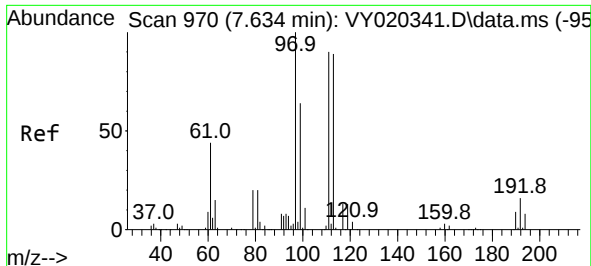
Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.8

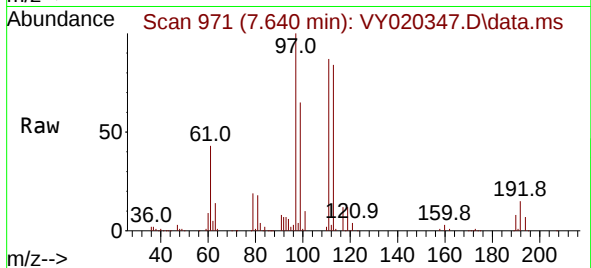
88 16.3 0.0 32.0



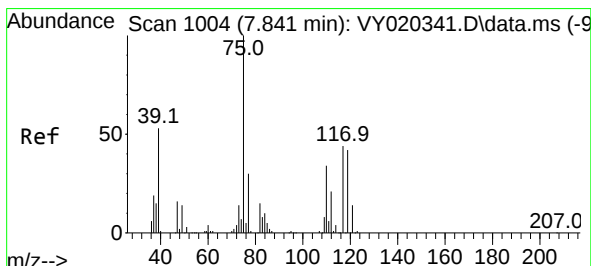
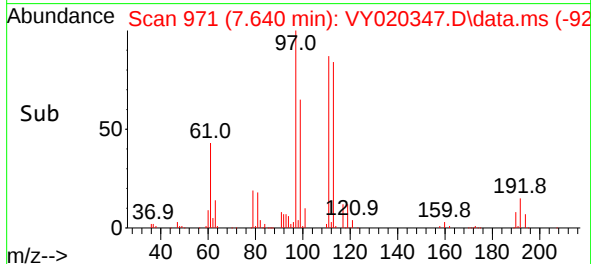
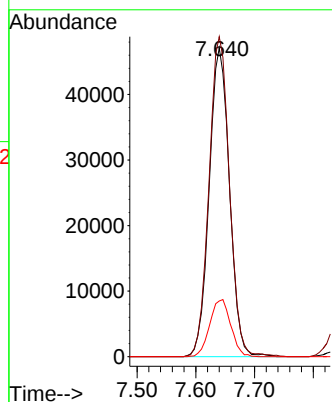


#35
Dibromofluoromethane
Concen: 47.773 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Instrument :
MSVOA_Y
ClientSampleId :

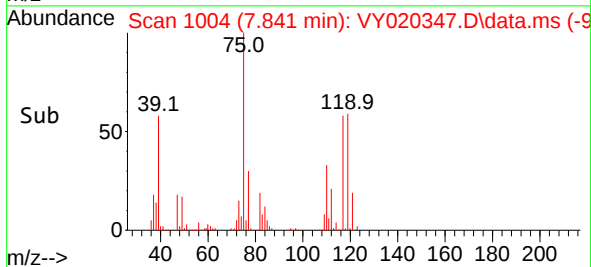
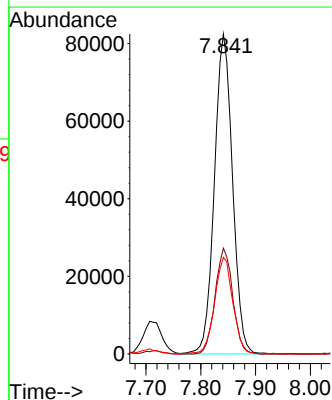
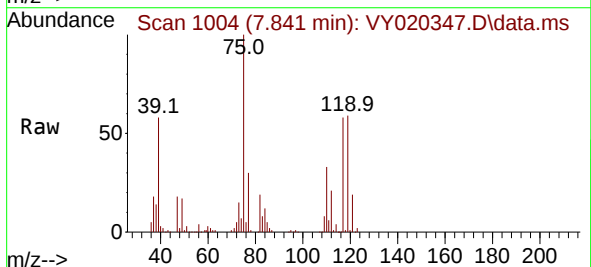


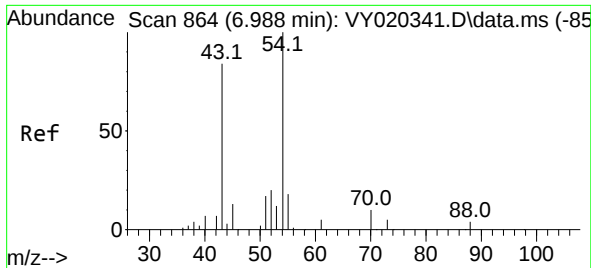
Tgt Ion:113 Resp: 112981
Ion Ratio Lower Upper
113 100
111 104.5 81.4 122.0
192 19.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 52.444 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 75 Resp: 189435
Ion Ratio Lower Upper
75 100
110 32.1 16.7 50.0
77 30.3 24.6 36.8





#37

Ethyl Acetate

Concen: 51.960 ug/l

RT: 6.988 min Scan# 8

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

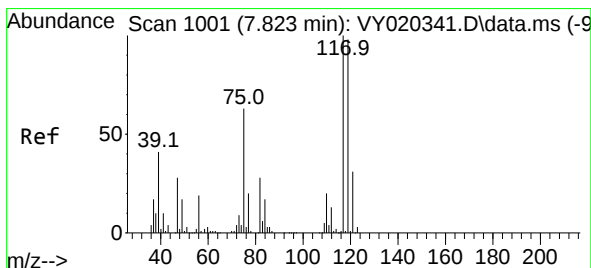
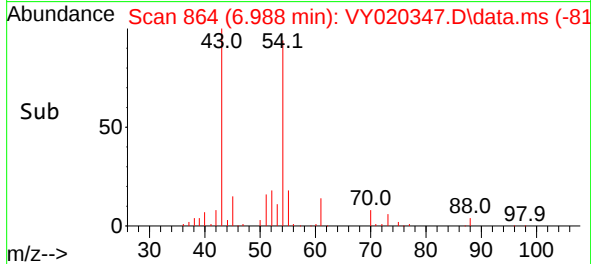
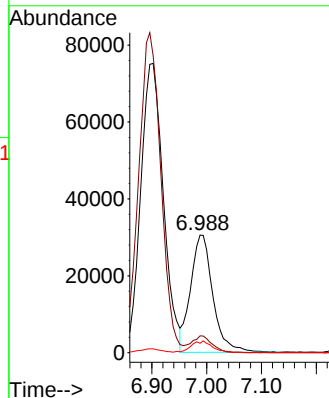
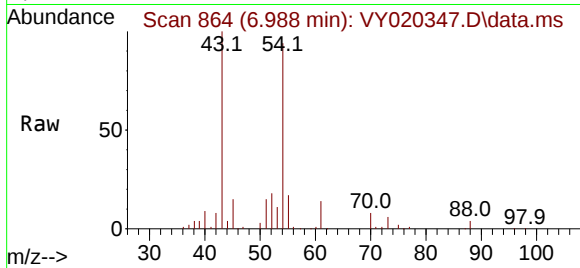
Tgt Ion: 43 Resp: 85978

Ion Ratio Lower Upper

43 100

61 13.7 10.7 16.1

70 9.6 7.3 10.9



#38

Carbon Tetrachloride

Concen: 55.464 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

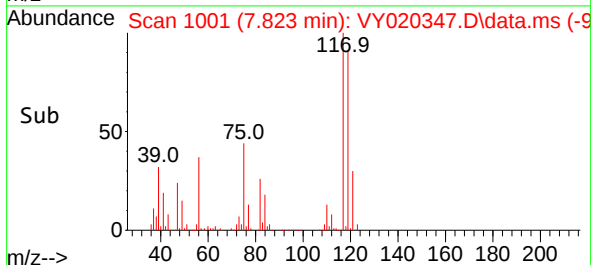
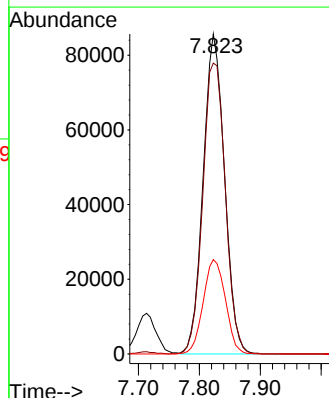
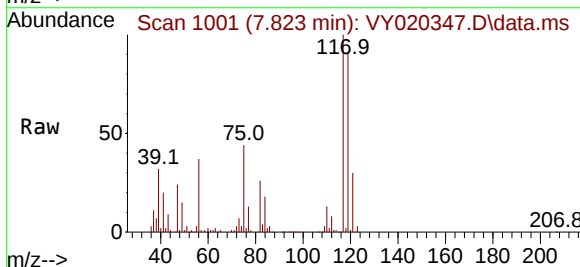
Tgt Ion: 117 Resp: 209178

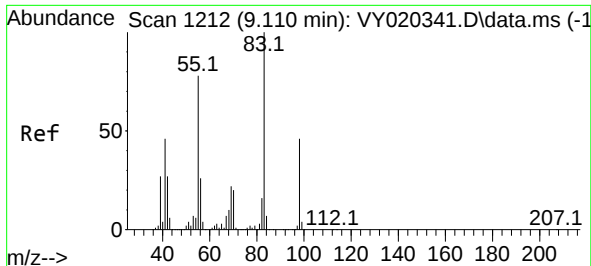
Ion Ratio Lower Upper

117 100

119 90.8 77.8 116.6

121 29.5 24.6 37.0





#39

Methylcyclohexane

Concen: 54.648 ug/l

RT: 9.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

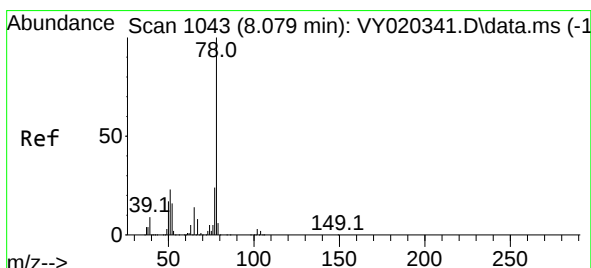
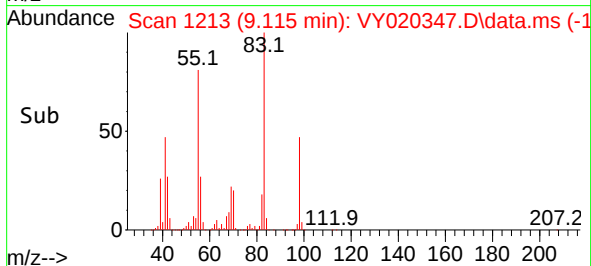
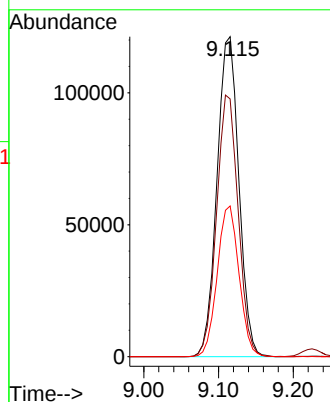
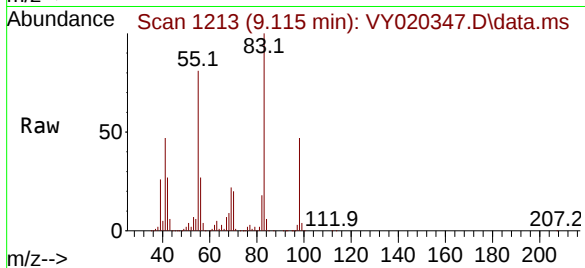
Tgt Ion: 83 Resp: 247045

Ion Ratio Lower Upper

83 100

55 80.6 62.6 93.8

98 47.1 37.0 55.4



#40

Benzene

Concen: 51.206 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY020347.D

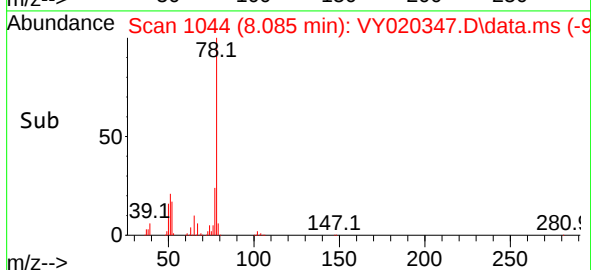
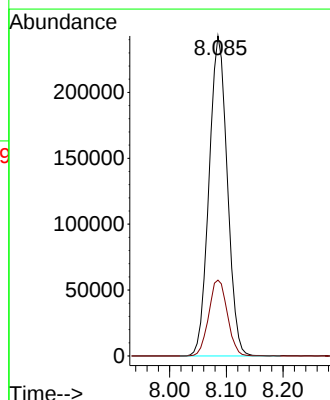
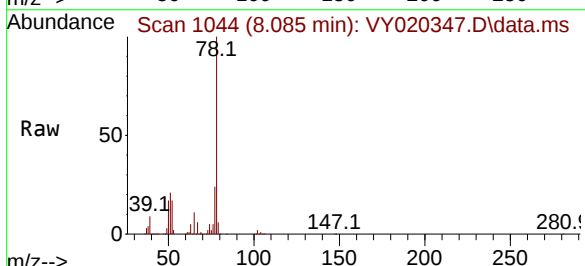
Acq: 20 Nov 2024 09:34

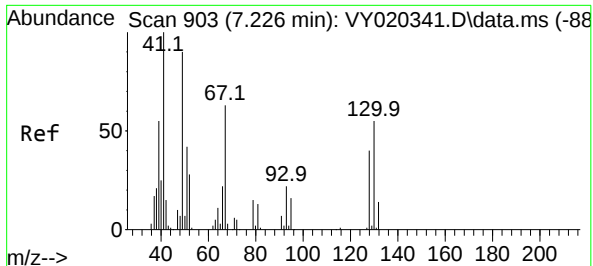
Tgt Ion: 78 Resp: 542044

Ion Ratio Lower Upper

78 100

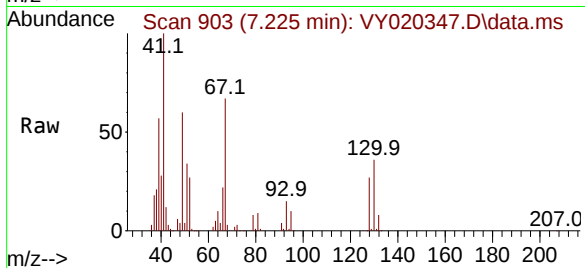
77 23.7 19.4 29.0



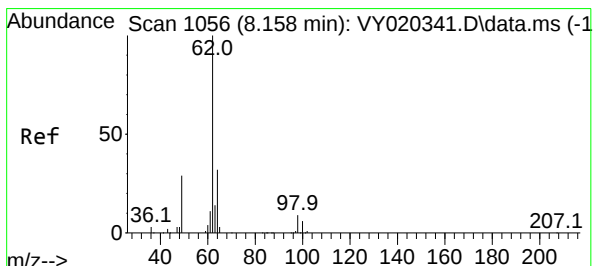
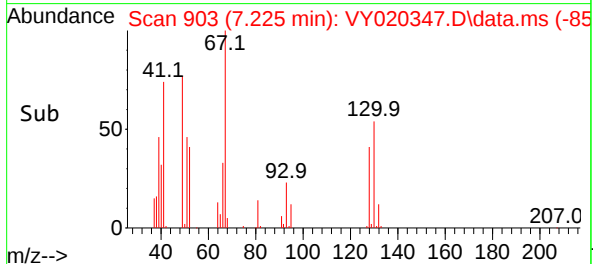
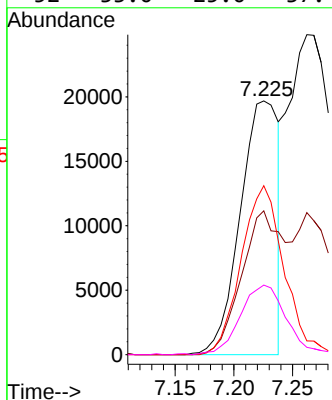


#41
Methacrylonitrile
Concen: 47.339 ug/l
RT: 7.225 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Instrument :
MSVOA_Y
ClientSampleId :

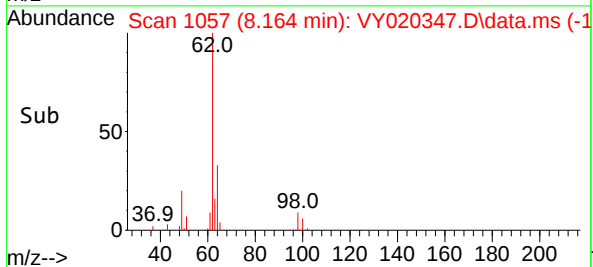
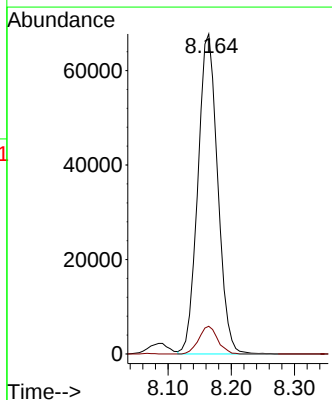
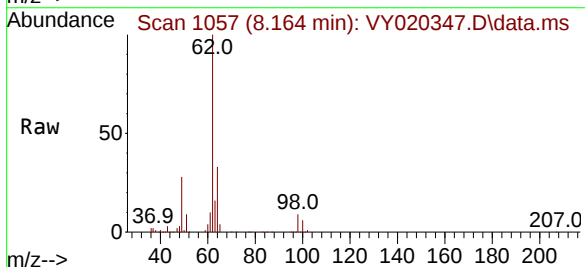


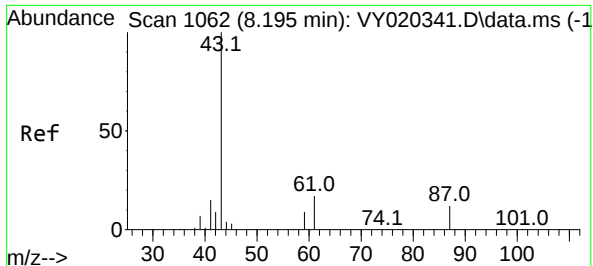
Tgt Ion:	41	Resp:	44570
Ion	Ratio	Lower	Upper
41	100		
39	60.2	49.0	73.4
67	75.0	57.1	85.7
52	33.0	25.0	37.4



#42
1,2-Dichloroethane
Concen: 51.651 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion:	62	Resp:	147581
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.0





#43

Isopropyl Acetate

Concen: 52.201 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

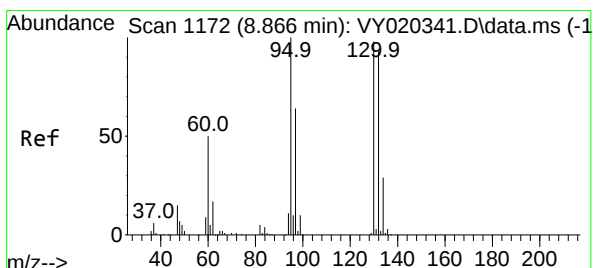
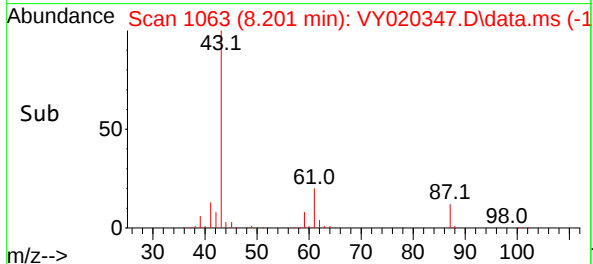
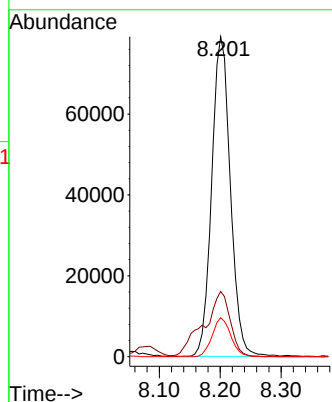
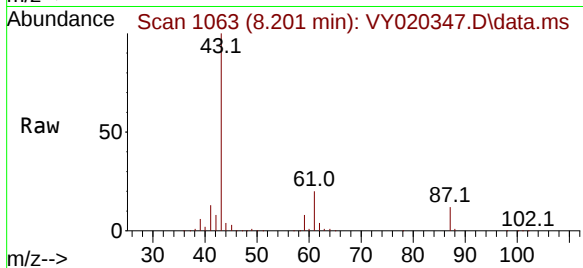
Tgt Ion: 43 Resp: 167977

Ion Ratio Lower Upper

43 100

61 29.0 22.8 34.2

87 12.1 9.6 14.4



#44

Trichloroethene

Concen: 50.753 ug/l

RT: 8.865 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VY020347.D

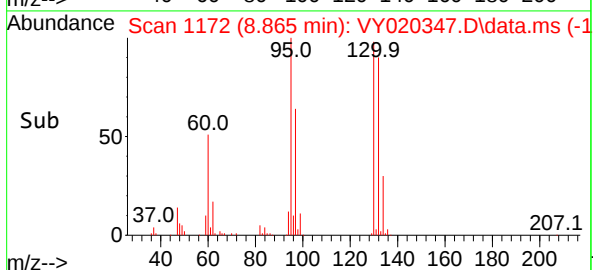
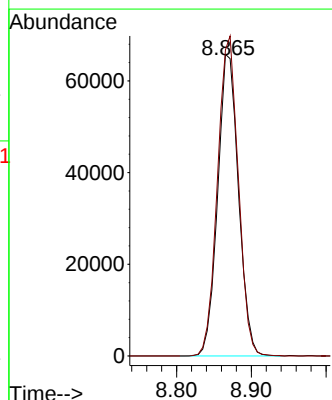
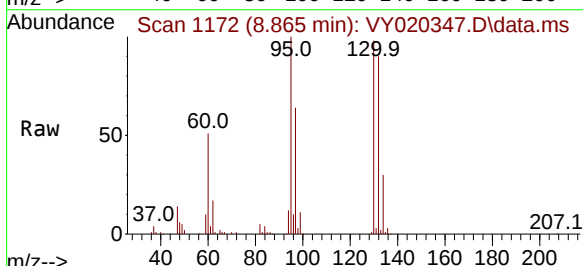
Acq: 20 Nov 2024 09:34

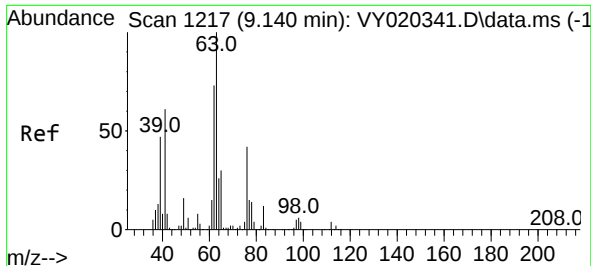
Tgt Ion:130 Resp: 127292

Ion Ratio Lower Upper

130 100

95 101.6 0.0 204.8





#45

1,2-Dichloropropane

Concen: 50.648 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

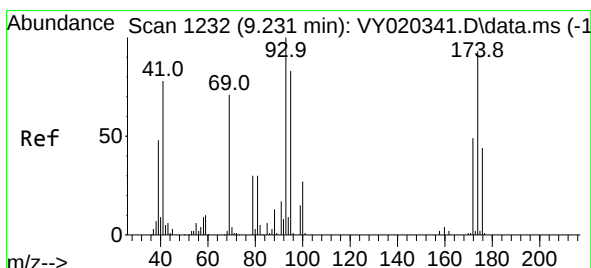
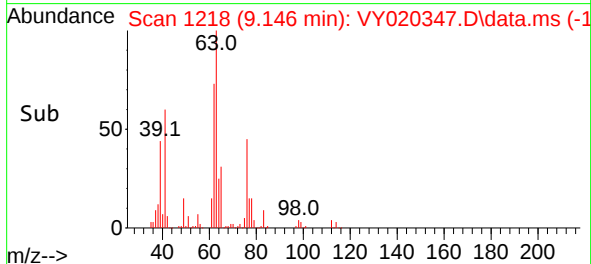
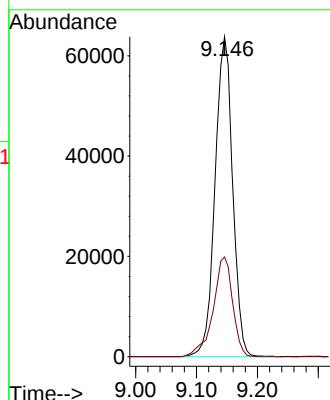
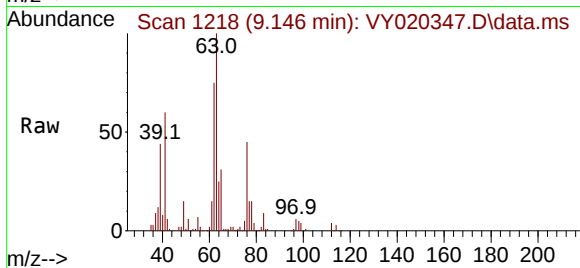
ClientSampleId :

Tgt Ion: 63 Resp: 127916

Ion Ratio Lower Upper

63 100

65 31.2 24.2 36.4



#46

Dibromomethane

Concen: 49.338 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

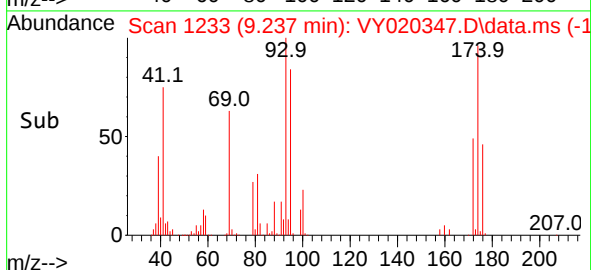
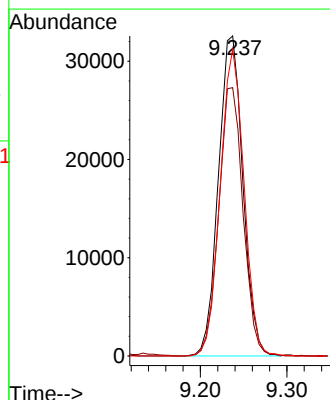
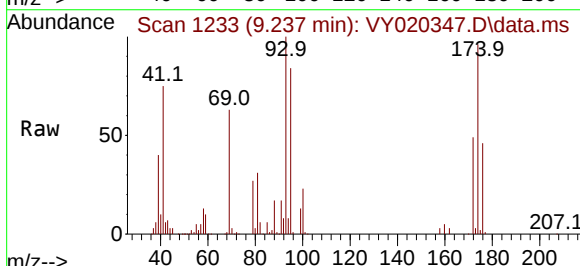
Tgt Ion: 93 Resp: 63867

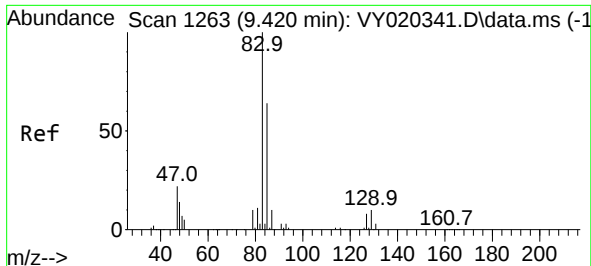
Ion Ratio Lower Upper

93 100

95 83.3 65.3 97.9

174 93.3 74.4 111.6





#47

Bromodichloromethane

Concen: 51.033 ug/l

RT: 9.426 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

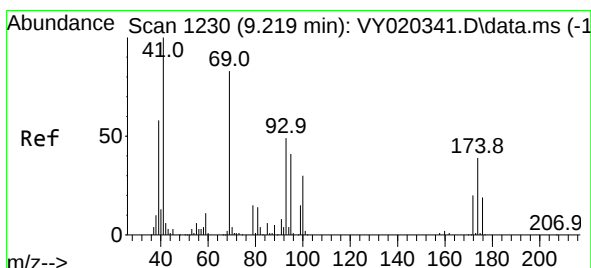
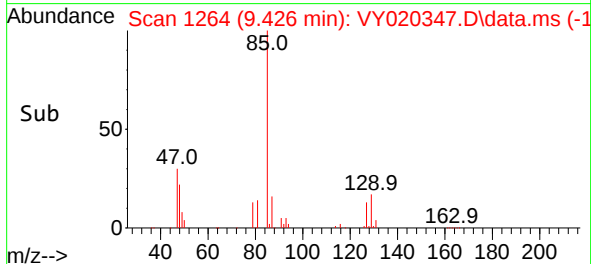
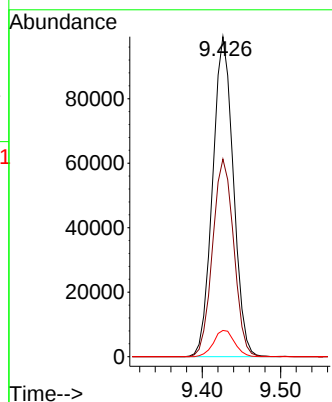
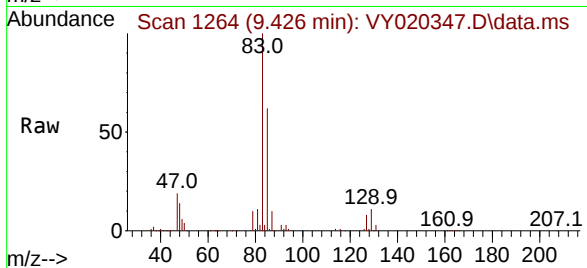
Tgt Ion: 83 Resp: 182364

Ion Ratio Lower Upper

83 100

85 61.7 51.4 77.2

127 8.2 6.3 9.5



#48

Methyl methacrylate

Concen: 52.297 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

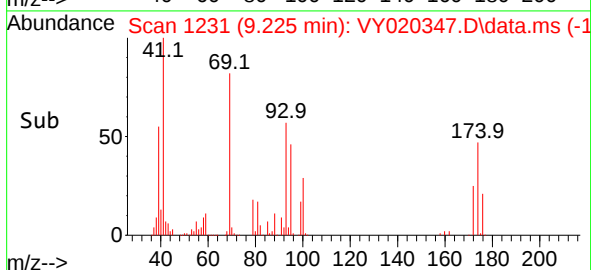
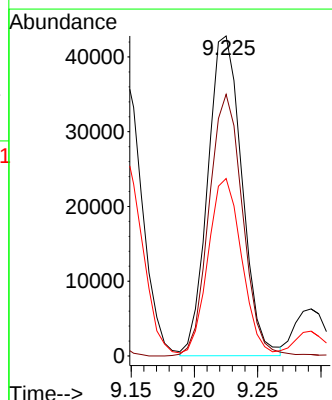
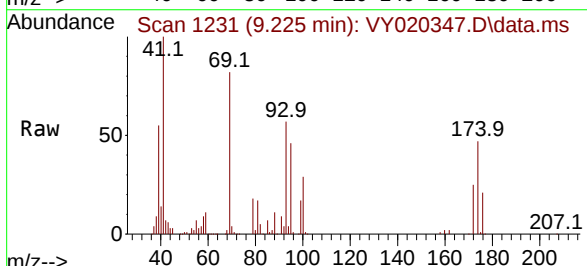
Tgt Ion: 41 Resp: 80458

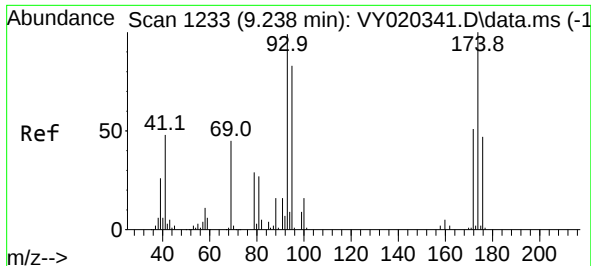
Ion Ratio Lower Upper

41 100

69 80.7 66.1 99.1

39 52.9 46.0 69.0





#49

1,4-Dioxane

Concen: 1047.335 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

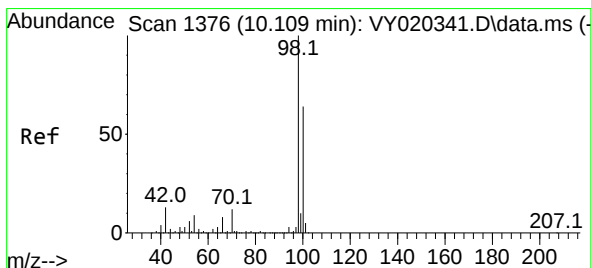
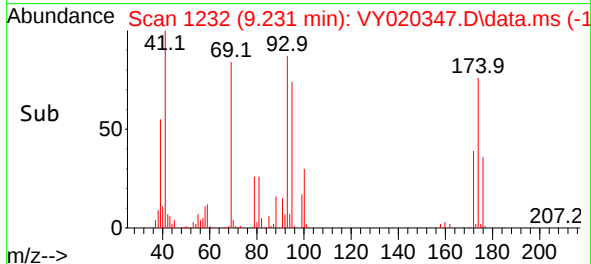
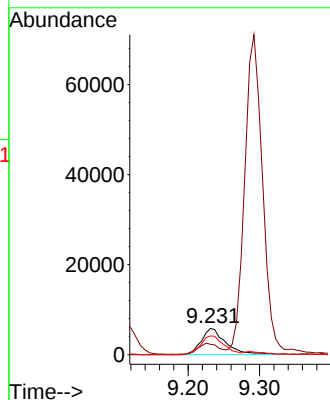
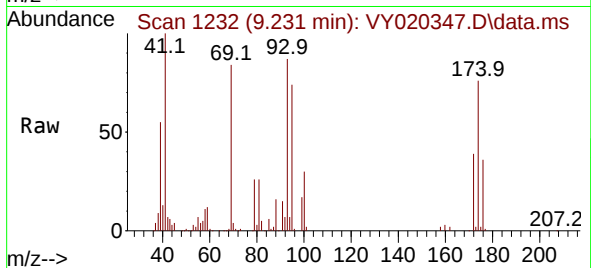
Tgt Ion: 88 Resp: 13948

Ion Ratio Lower Upper

88 100

43 37.4 24.6 37.0#

58 68.3 59.6 89.4



#50

Toluene-d8

Concen: 49.344 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020347.D

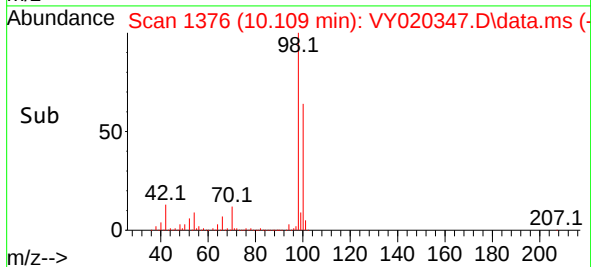
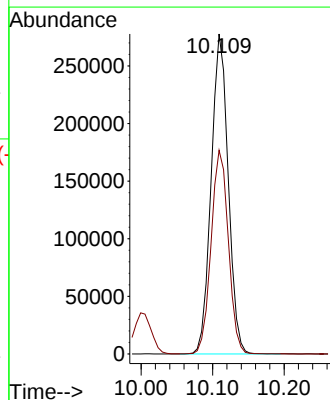
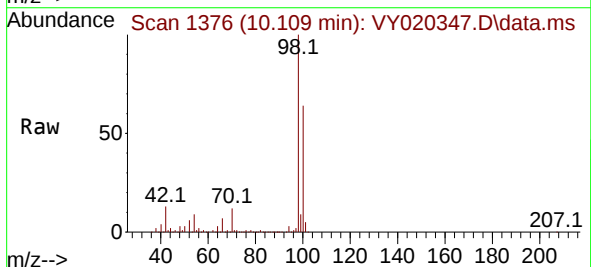
Acq: 20 Nov 2024 09:34

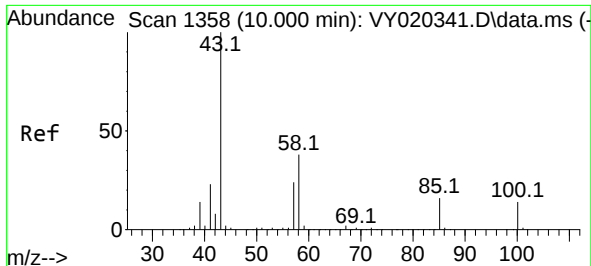
Tgt Ion: 98 Resp: 459693

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 258.674 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

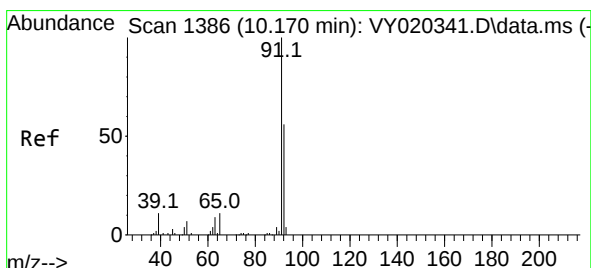
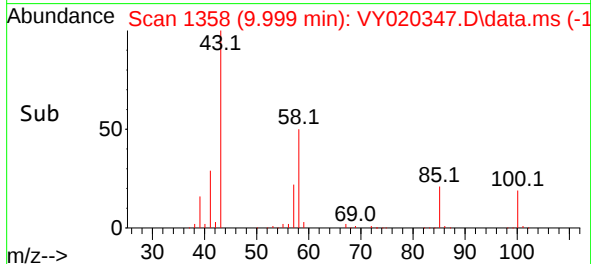
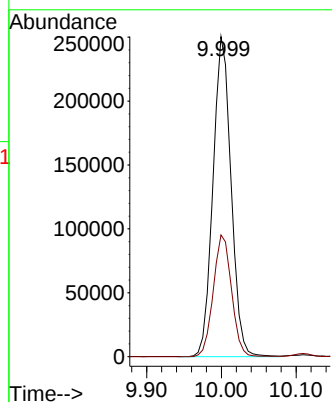
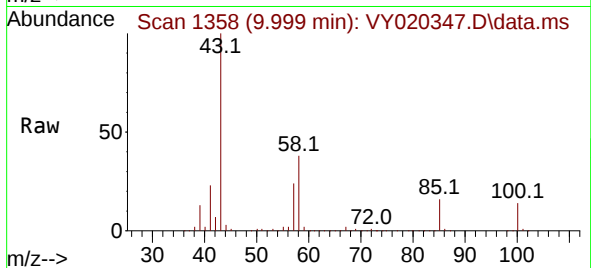
ClientSampleId :

Tgt Ion: 43 Resp: 422422

Ion Ratio Lower Upper

43 100

58 38.4 30.9 46.3



#52

Toluene

Concen: 50.868 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.006 min

Lab File: VY020347.D

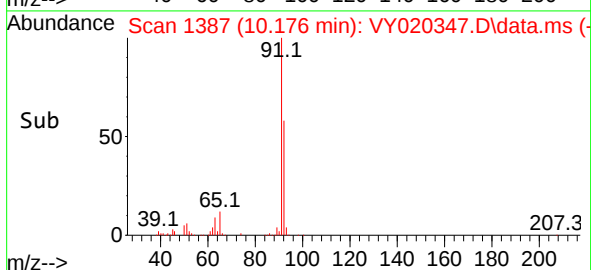
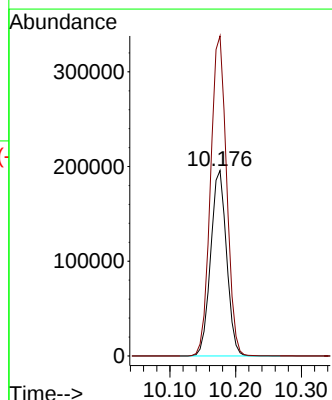
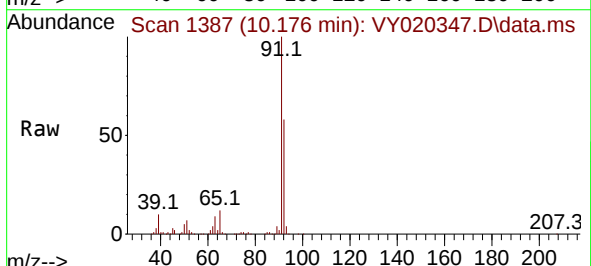
Acq: 20 Nov 2024 09:34

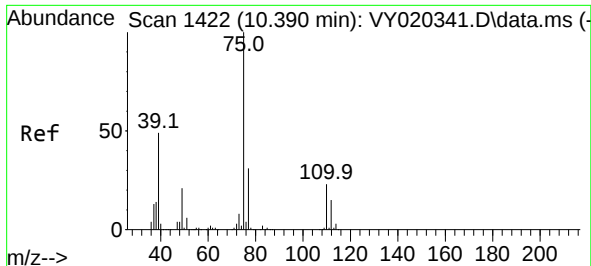
Tgt Ion: 92 Resp: 329120

Ion Ratio Lower Upper

92 100

91 174.4 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 50.851 ug/l

RT: 10.396 min Scan# 1422

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

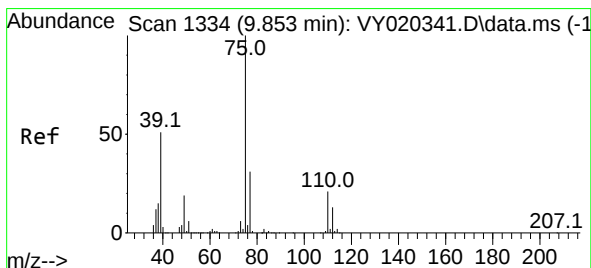
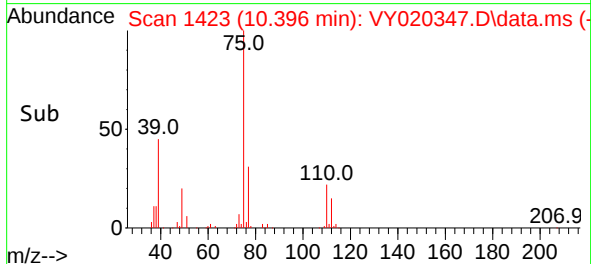
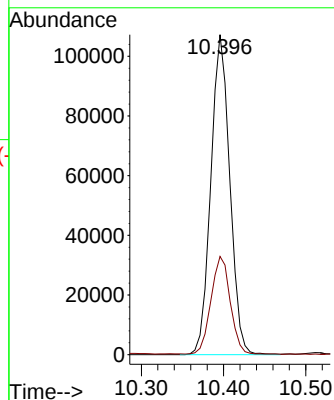
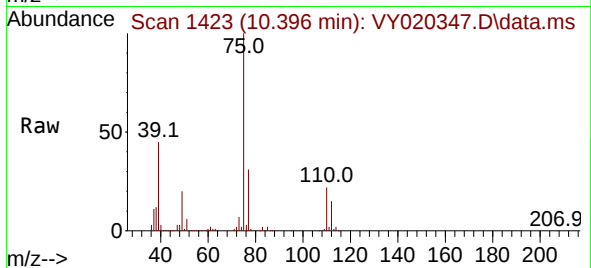
ClientSampleId :

Tgt Ion: 75 Resp: 171835

Ion Ratio Lower Upper

75 100

77 30.6 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 52.437 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

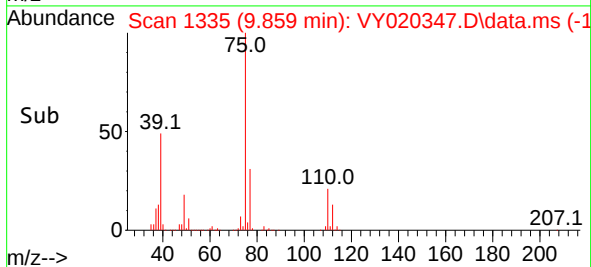
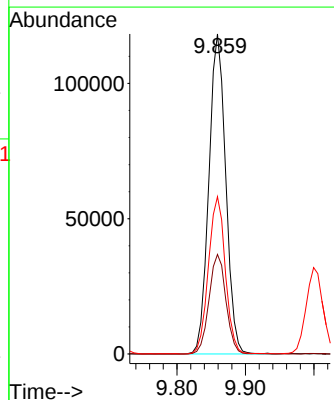
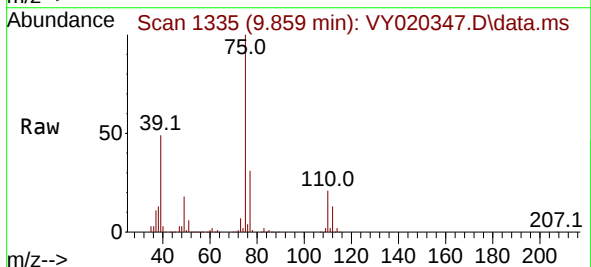
Tgt Ion: 75 Resp: 202841

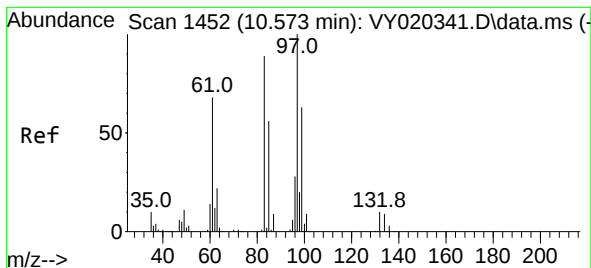
Ion Ratio Lower Upper

75 100

77 31.1 25.0 37.4

39 49.1 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 48.306 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 83003

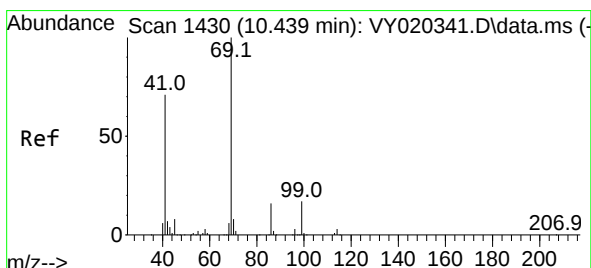
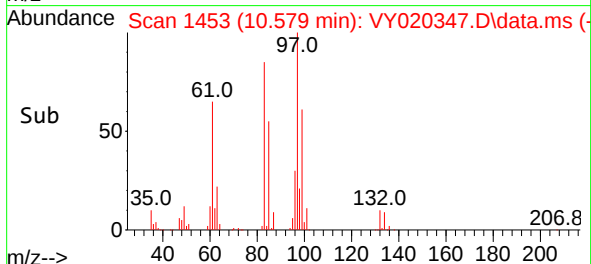
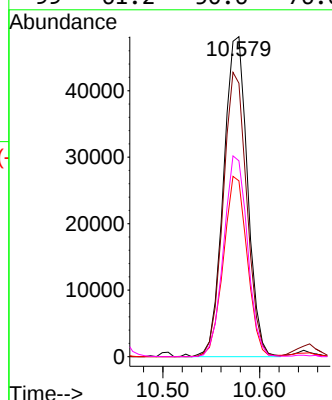
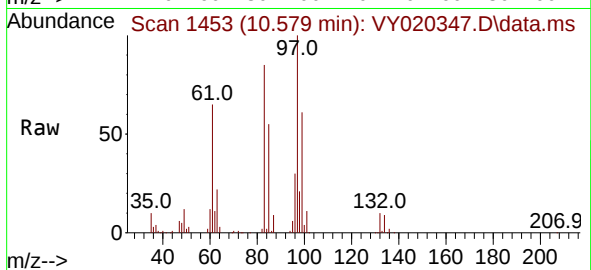
Ion Ratio Lower Upper

97 100

83 85.3 70.8 106.2

85 54.9 44.9 67.3

99 61.2 50.6 76.0



#56

Ethyl methacrylate

Concen: 50.954 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

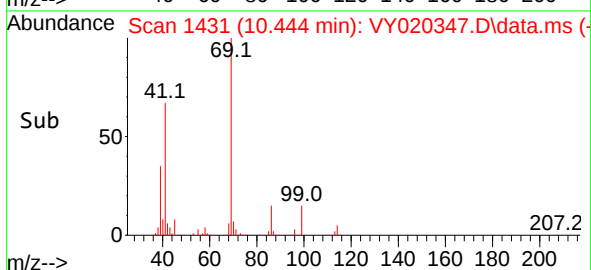
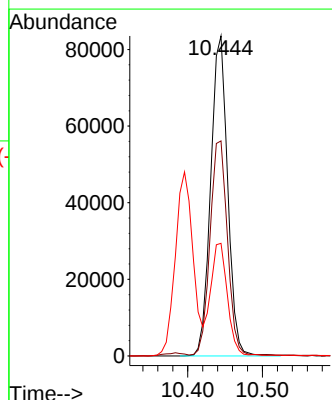
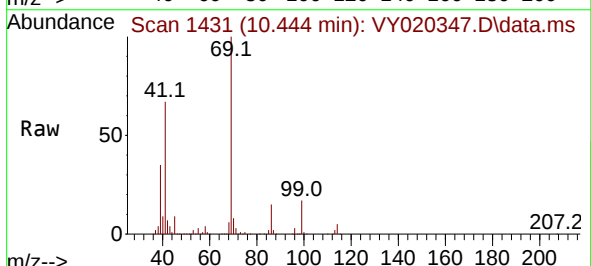
Tgt Ion: 69 Resp: 131486

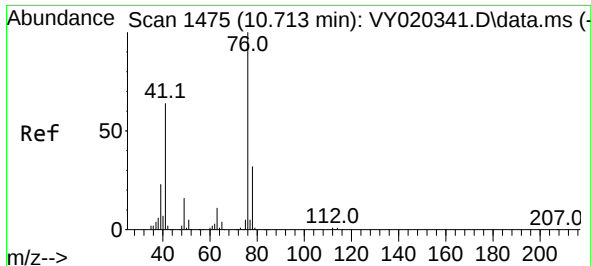
Ion Ratio Lower Upper

69 100

41 68.7 56.1 84.1

39 35.0 29.7 44.5





#57

1,3-Dichloropropane

Concen: 49.795 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

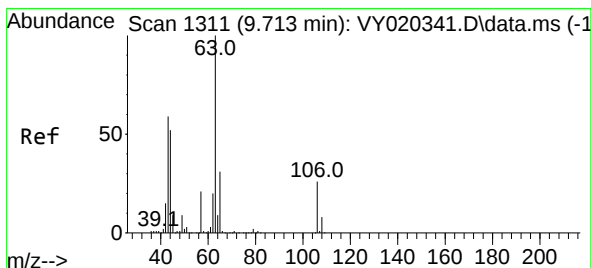
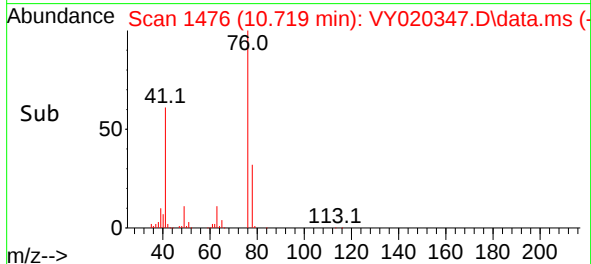
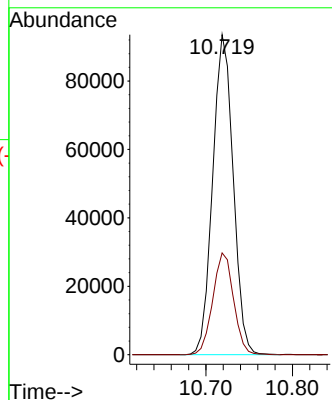
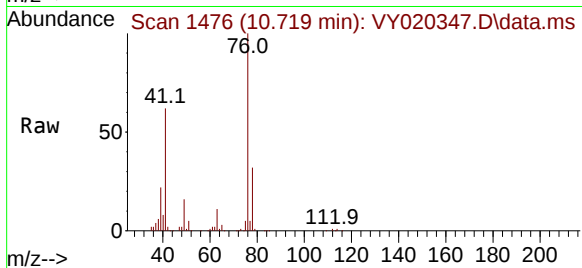
ClientSampleId :

Tgt Ion: 76 Resp: 153767

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 244.993 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VY020347.D

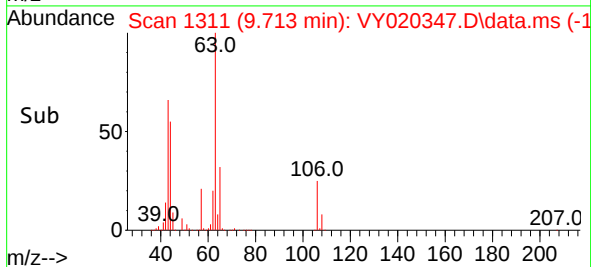
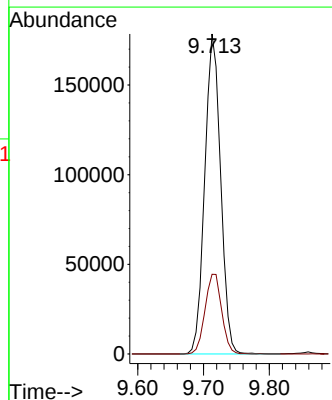
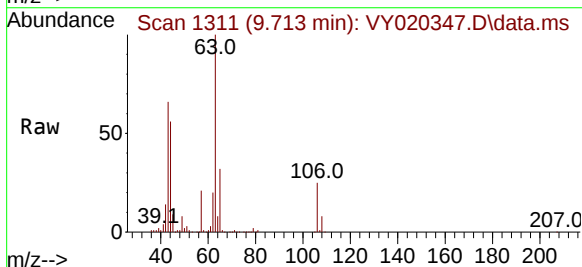
Acq: 20 Nov 2024 09:34

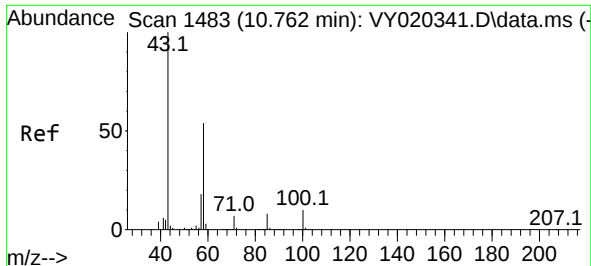
Tgt Ion: 63 Resp: 299771

Ion Ratio Lower Upper

63 100

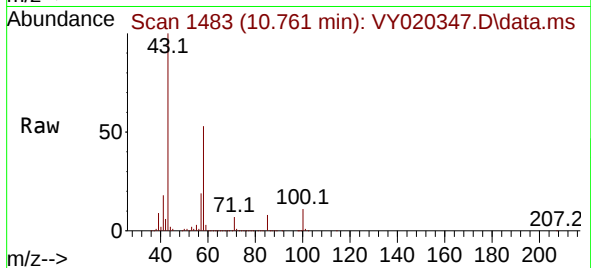
106 26.1 21.0 31.4



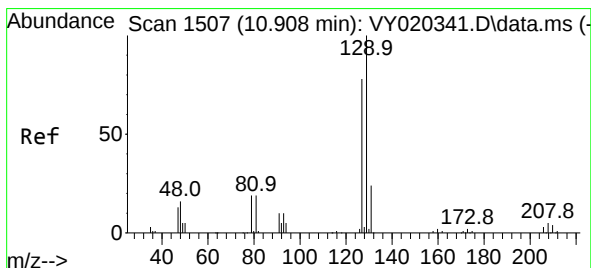
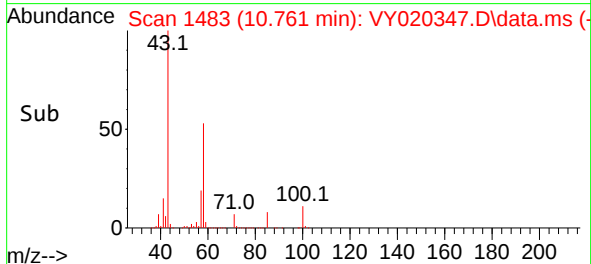
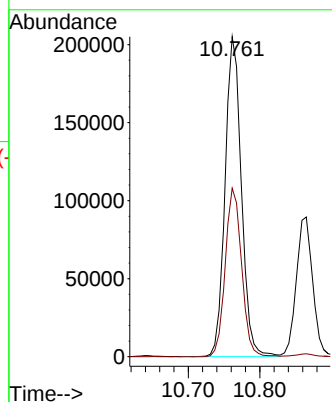


#59
2-Hexanone
Concen: 281.280 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Instrument :
MSVOA_Y
ClientSampleId :

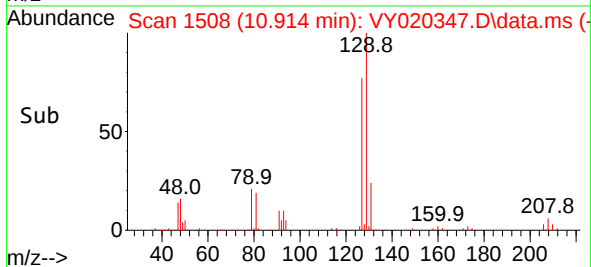
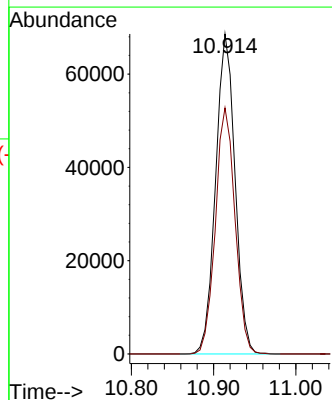
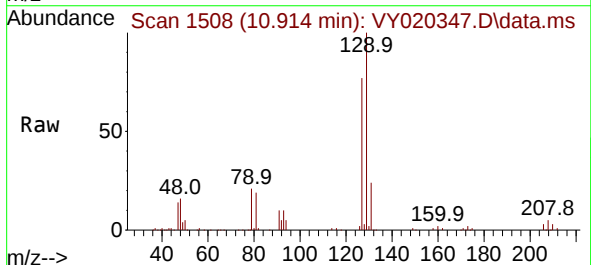


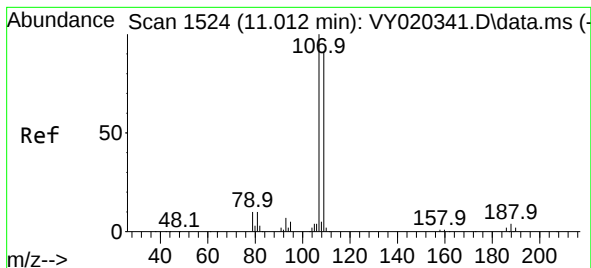
Tgt Ion: 43 Resp: 325260
Ion Ratio Lower Upper
43 100
58 52.7 26.4 79.2



#60
Dibromochloromethane
Concen: 50.857 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion:129 Resp: 112637
Ion Ratio Lower Upper
129 100
127 77.7 38.3 114.9

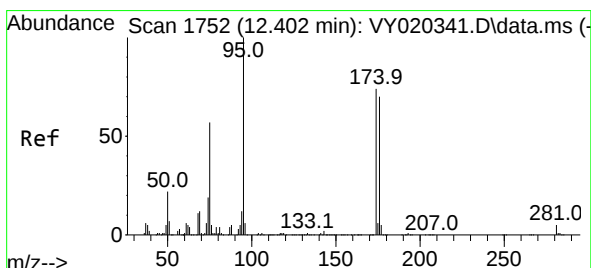
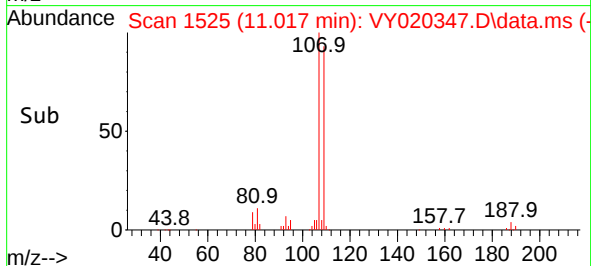
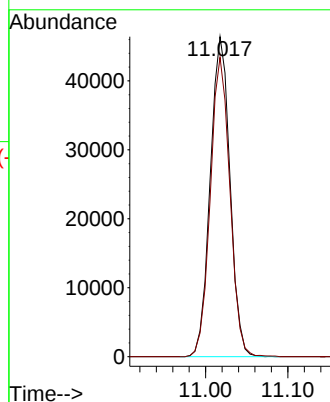
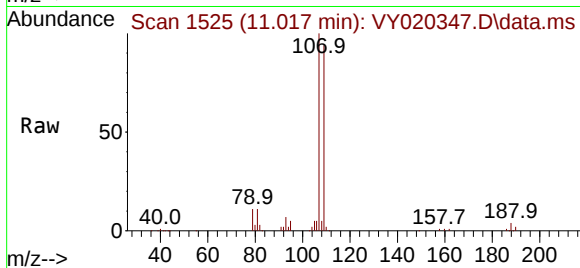




#61
1,2-Dibromoethane
Concen: 48.502 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

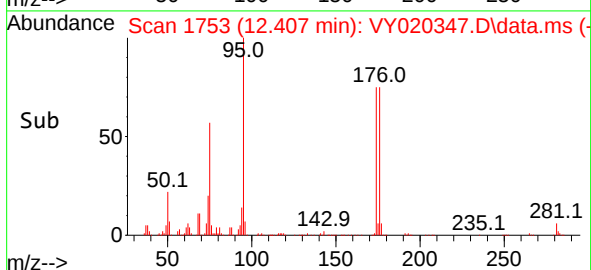
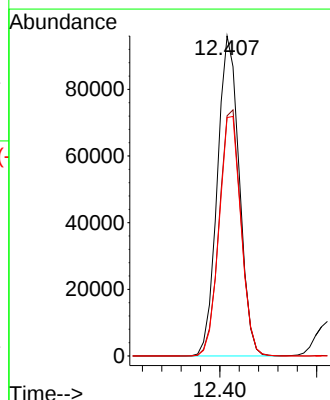
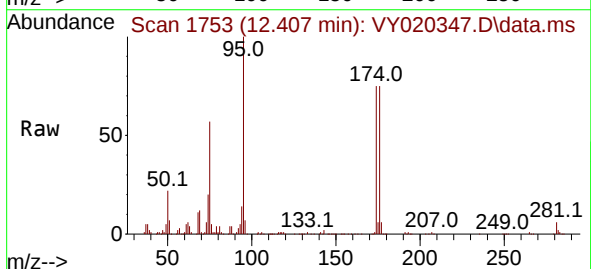
Instrument :
MSVOA_Y
ClientSampleId :

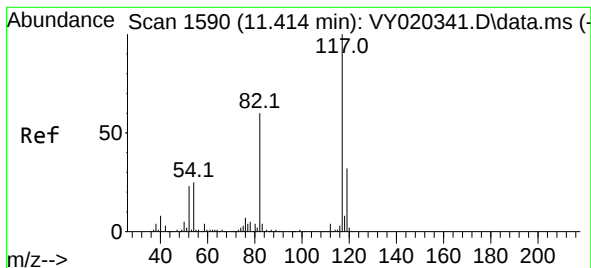
Tgt Ion:107 Resp: 77227
Ion Ratio Lower Upper
107 100
109 93.1 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 95 Resp: 150728
Ion Ratio Lower Upper
95 100
174 76.7 0.0 156.8
176 74.9 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

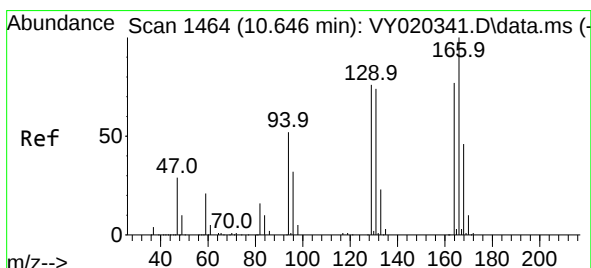
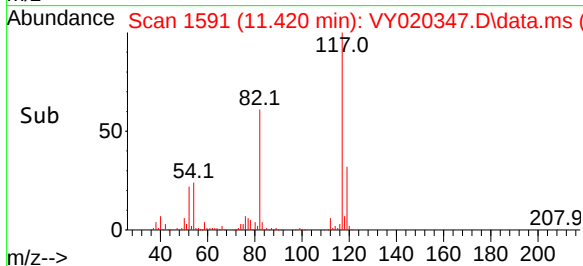
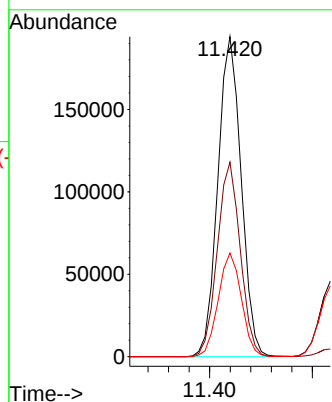
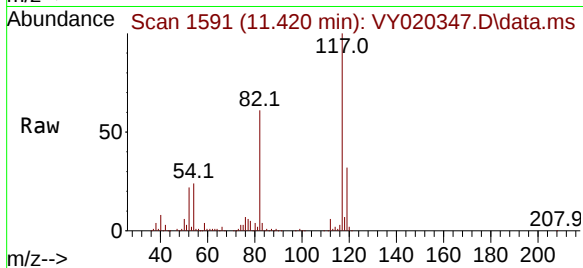
Tgt Ion:117 Resp: 305686

Ion Ratio Lower Upper

117 100

82 60.8 48.2 72.4

119 32.4 25.8 38.8



#64

Tetrachloroethene

Concen: 50.380 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Tgt Ion:164 Resp: 111013

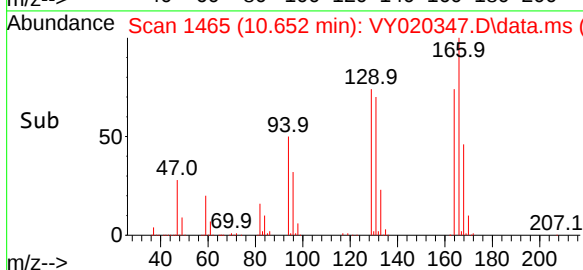
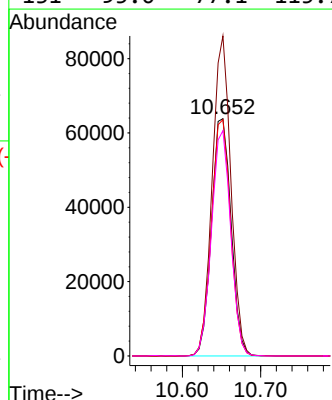
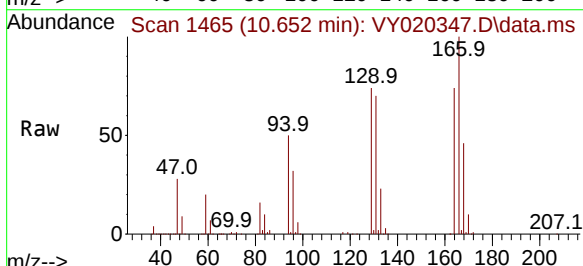
Ion Ratio Lower Upper

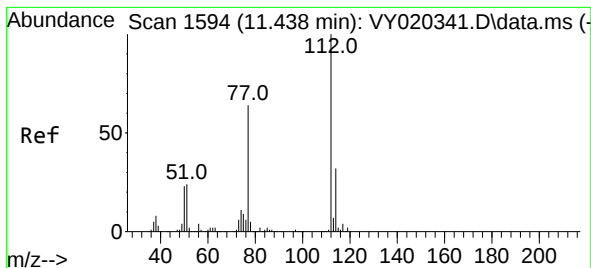
164 100

166 134.8 103.8 155.8

129 99.6 79.0 118.4

131 95.0 77.1 115.7





#65

Chlorobenzene

Concen: 49.964 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

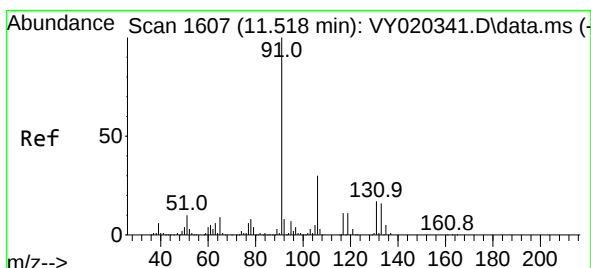
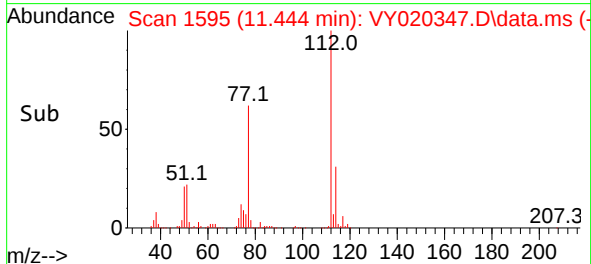
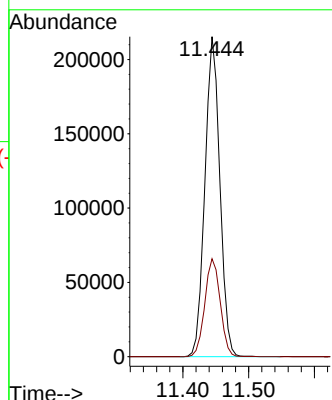
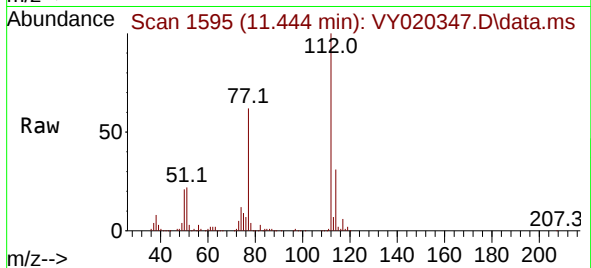
ClientSampleId :

Tgt Ion:112 Resp: 340543

Ion Ratio Lower Upper

112 100

114 30.6 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 50.860 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

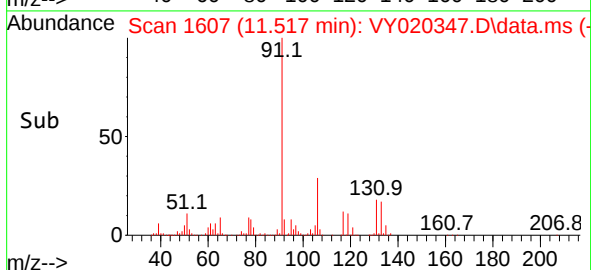
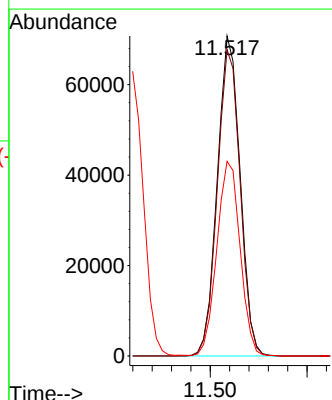
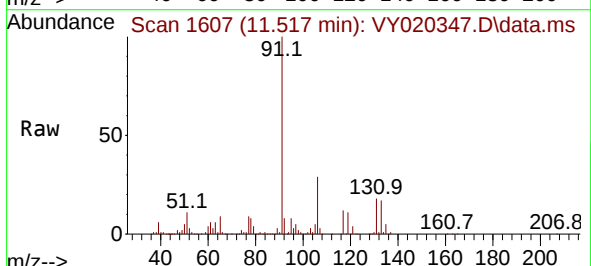
Tgt Ion:131 Resp: 115801

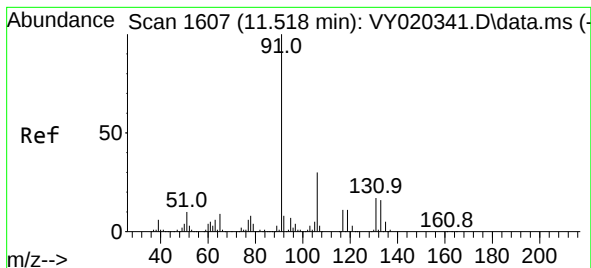
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 62.1 32.5 97.5





#67

Ethyl Benzene

Concen: 51.467 ug/l

RT: 11.523 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

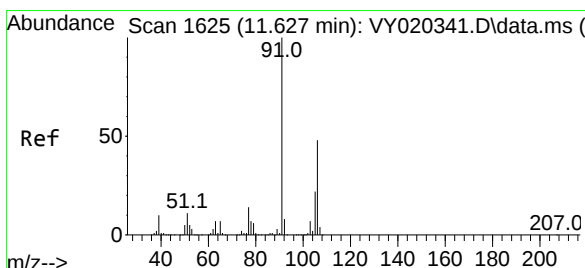
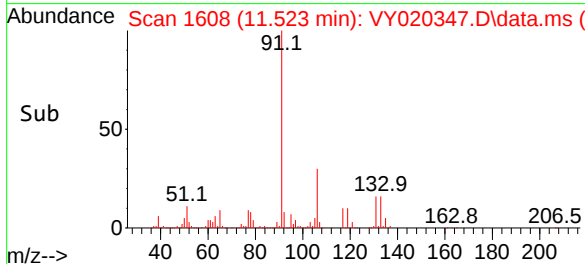
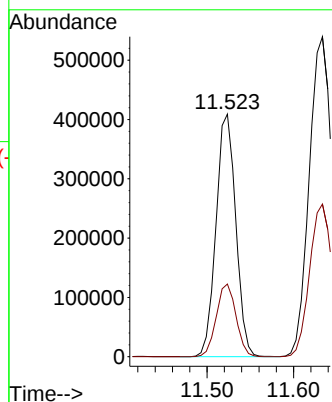
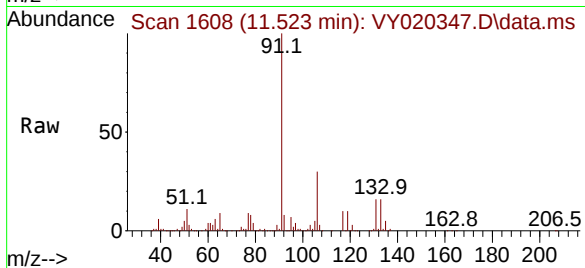
ClientSampleId :

Tgt Ion: 91 Resp: 647145

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 103.957 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY020347.D

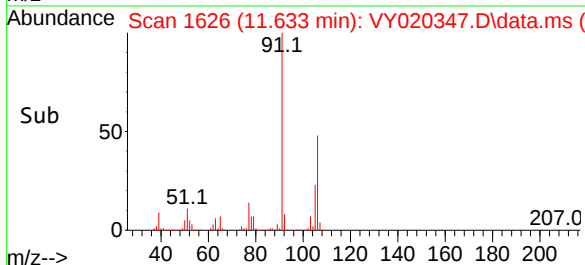
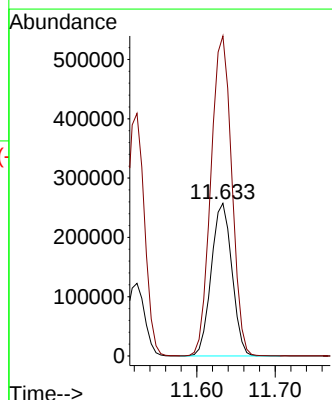
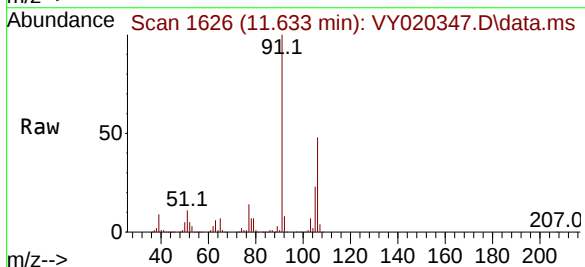
Acq: 20 Nov 2024 09:34

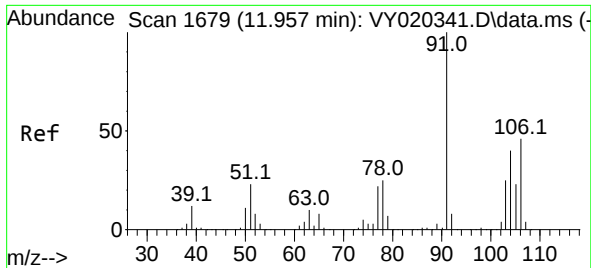
Tgt Ion:106 Resp: 470841

Ion Ratio Lower Upper

106 100

91 211.8 166.0 249.0

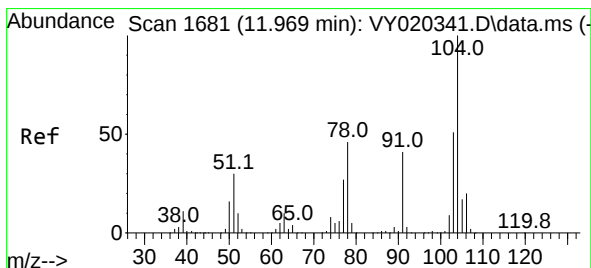
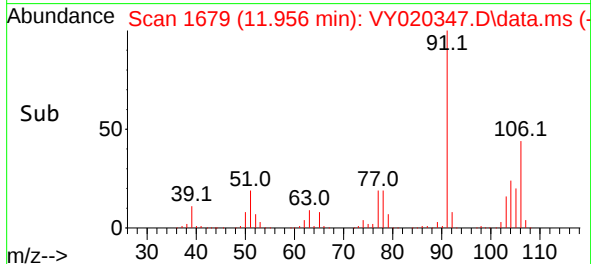
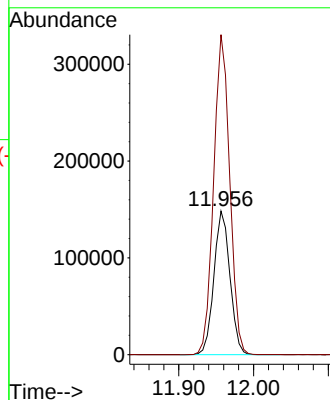
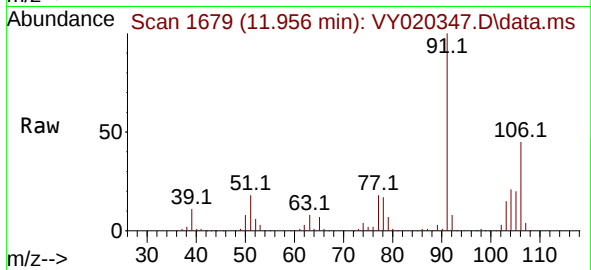




#69
o-Xylene
Concen: 51.628 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

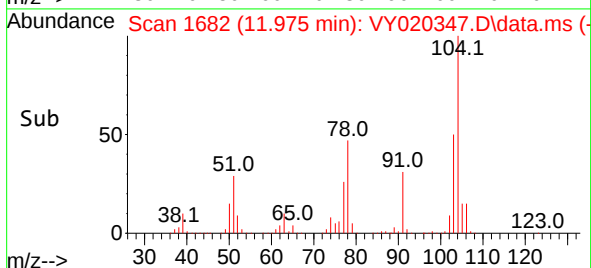
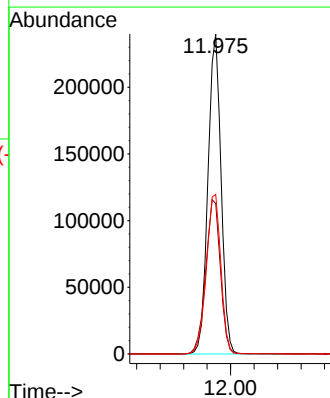
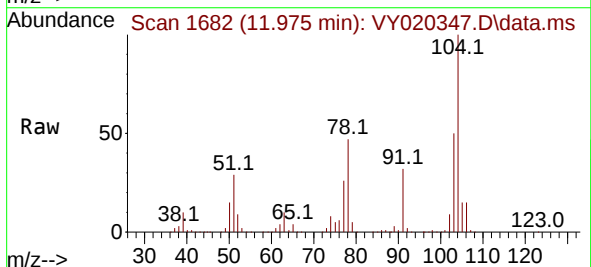
Instrument :
MSVOA_Y
ClientSampleId :

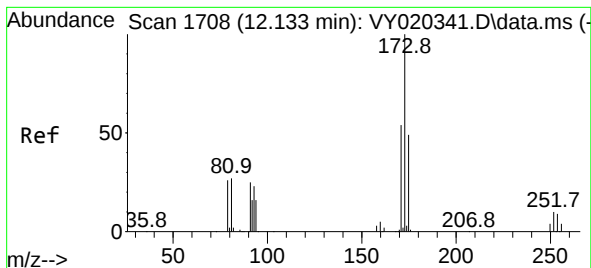
Tgt Ion:106 Resp: 221785
Ion Ratio Lower Upper
106 100
91 223.6 110.0 330.0



#70
Styrene
Concen: 52.177 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion:104 Resp: 372408
Ion Ratio Lower Upper
104 100
78 54.1 41.4 62.2
103 55.2 44.2 66.4





#71

Bromoform

Concen: 51.574 ug/l

RT: 12.133 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

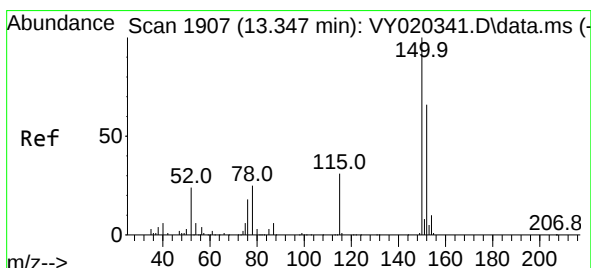
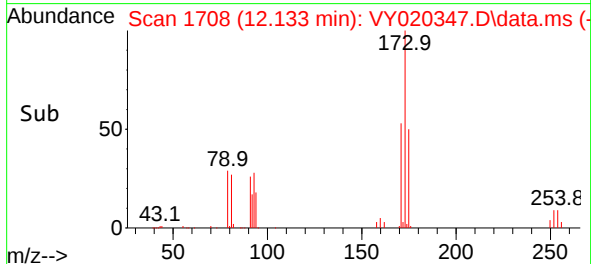
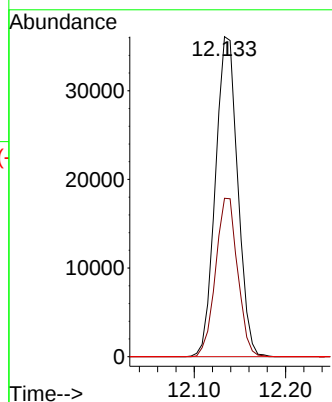
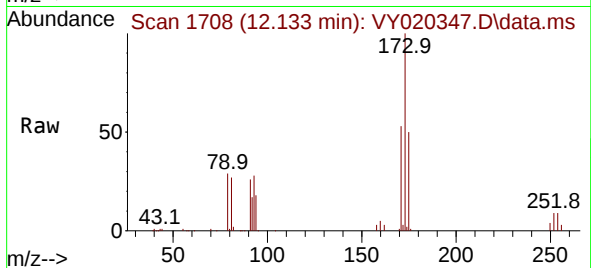
Tgt Ion:173 Resp: 61199

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

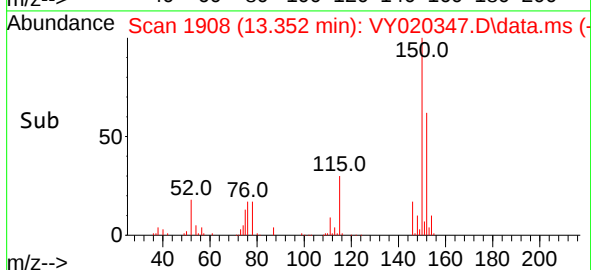
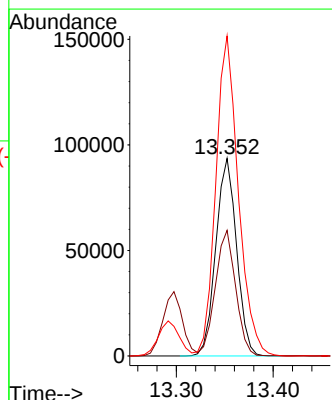
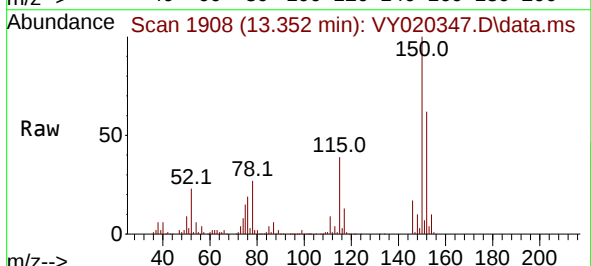
Tgt Ion:152 Resp: 139421

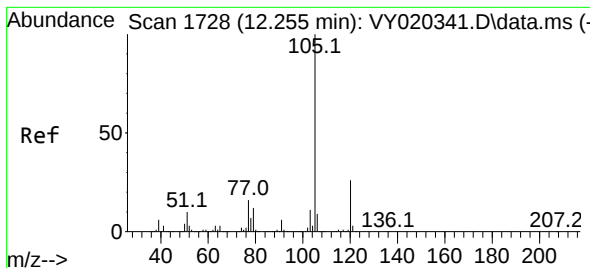
Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

150 175.9 0.0 348.2





#73

Isopropylbenzene

Concen: 51.550 ug/l

RT: 12.255 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

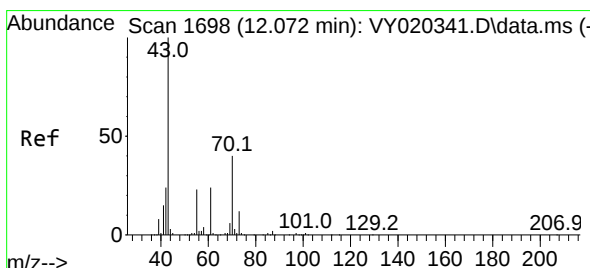
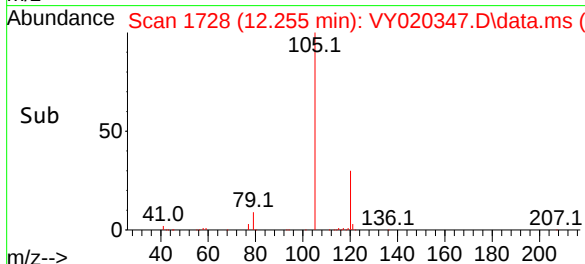
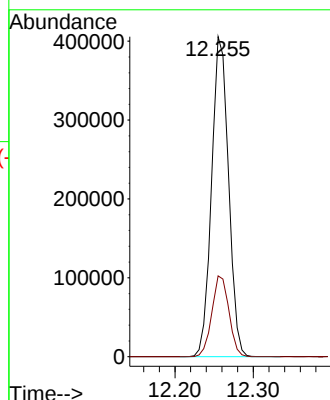
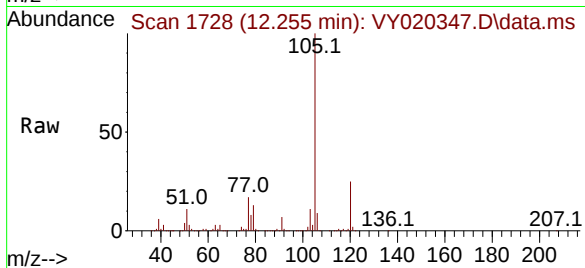
ClientSampleId :

Tgt Ion:105 Resp: 608837

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



#74

N-ethyl acetate

Concen: 53.200 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Tgt Ion: 43 Resp: 151841

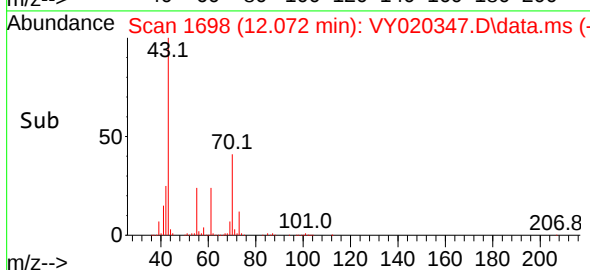
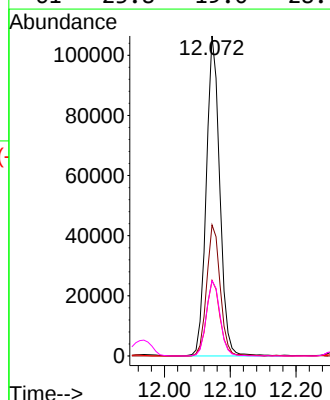
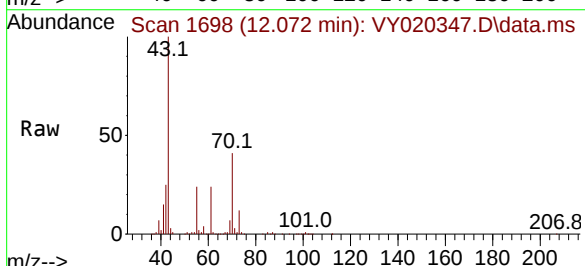
Ion Ratio Lower Upper

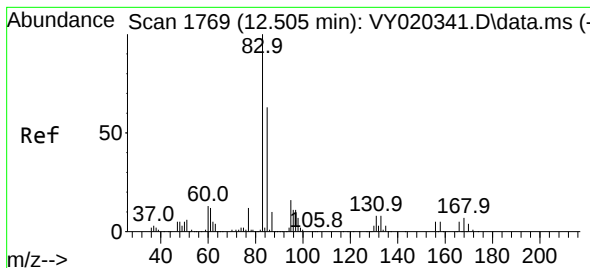
43 100

70 41.1 32.9 49.3

55 24.0 19.3 28.9

61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

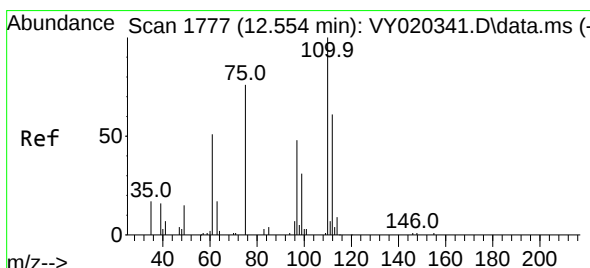
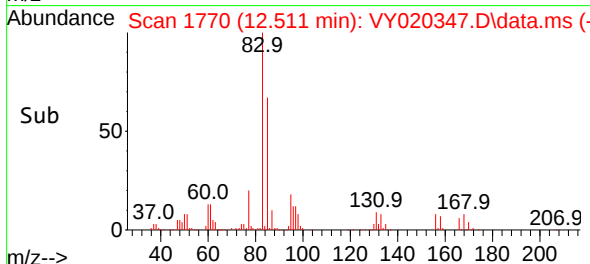
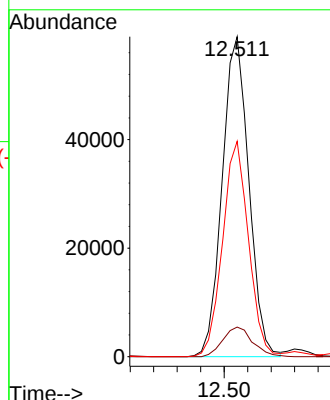
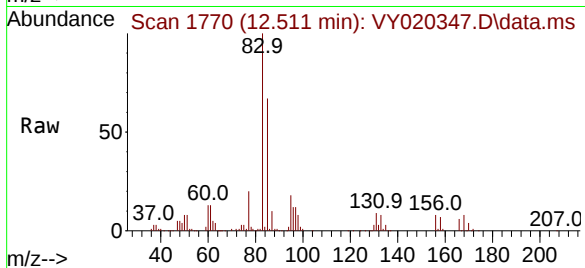
Tgt Ion: 83 Resp: 92848

Ion Ratio Lower Upper

83 100

131 10.3 4.8 14.4

85 65.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 96.915 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY020347.D

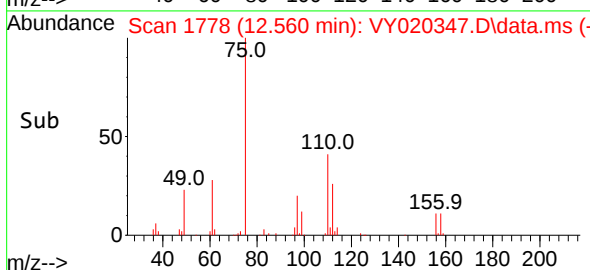
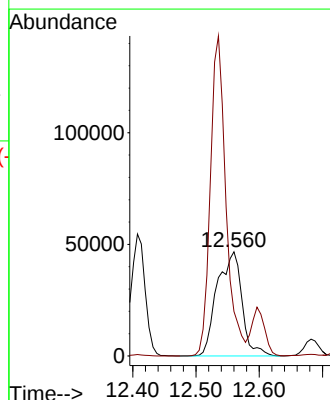
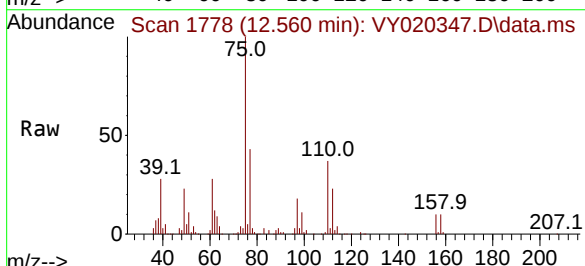
Acq: 20 Nov 2024 09:34

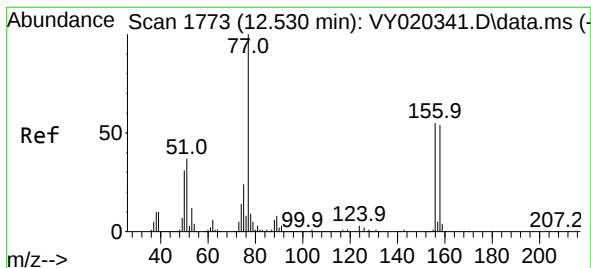
Tgt Ion: 75 Resp: 127355

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.713 ug/l

RT: 12.535 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

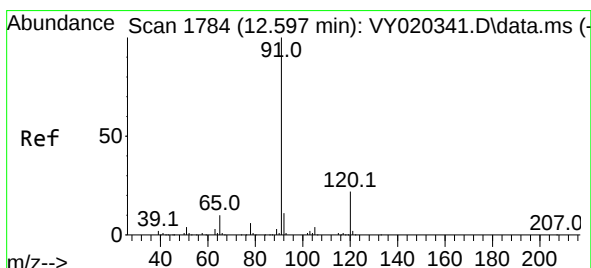
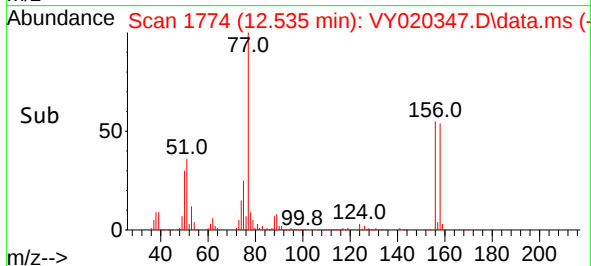
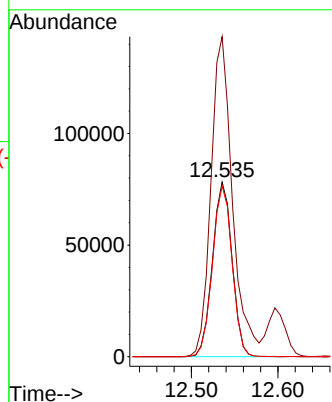
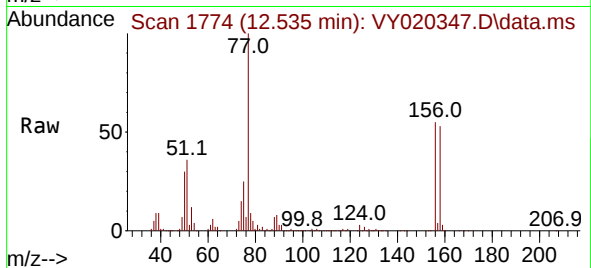
Tgt Ion:156 Resp: 123012

Ion Ratio Lower Upper

156 100

77 200.3 97.2 291.6

158 97.6 47.8 143.4



#78

n-propylbenzene

Concen: 52.082 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY020347.D

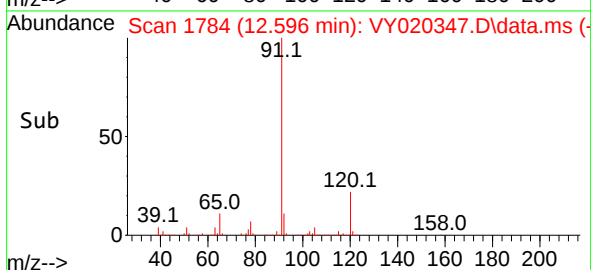
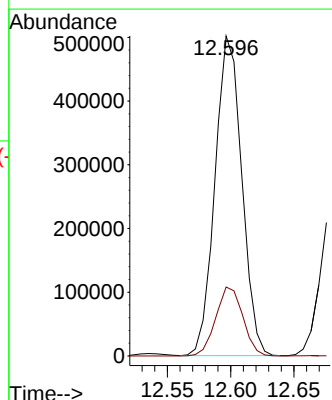
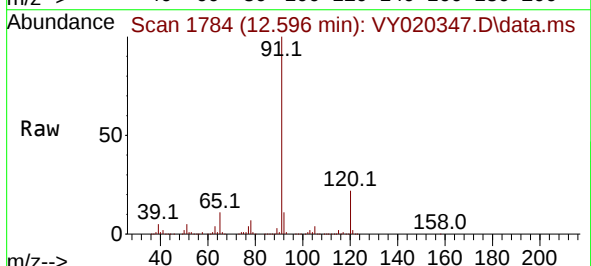
Acq: 20 Nov 2024 09:34

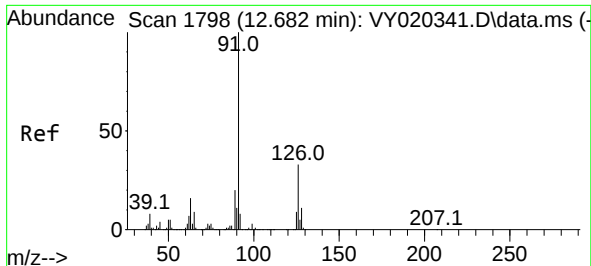
Tgt Ion: 91 Resp: 738216

Ion Ratio Lower Upper

91 100

120 21.8 10.9 32.6





#79

2-Chlorotoluene

Concen: 50.690 ug/l

RT: 12.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

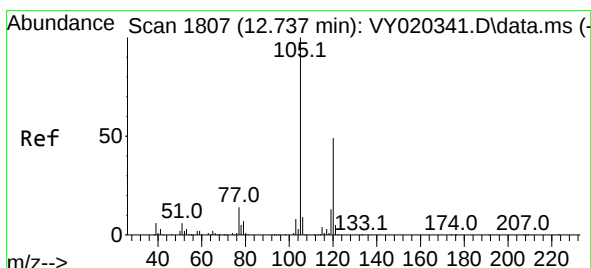
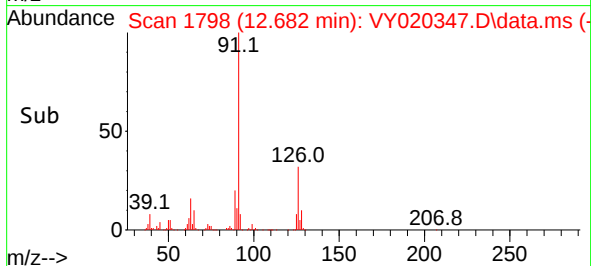
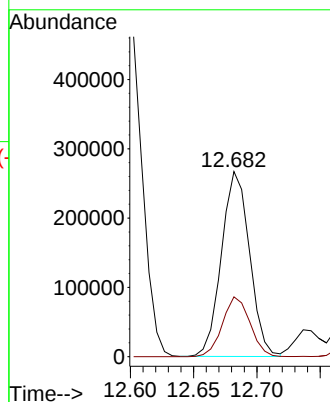
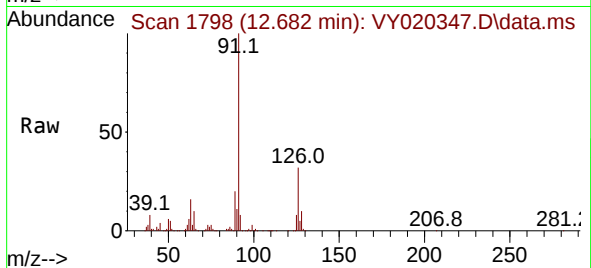
ClientSampleId :

Tgt Ion: 91 Resp: 413107

Ion Ratio Lower Upper

91 100

126 31.7 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 51.473 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VY020347.D

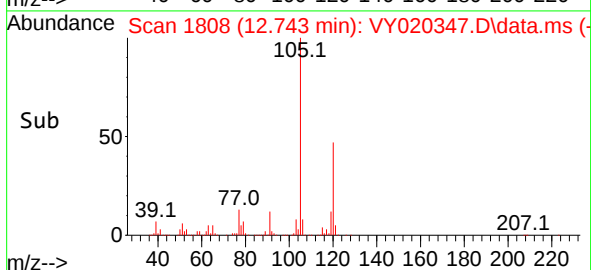
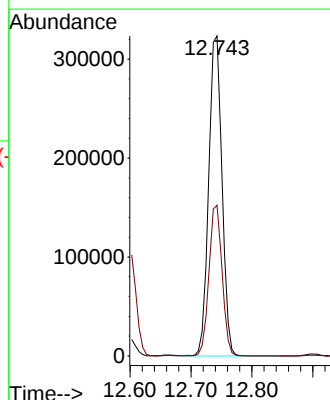
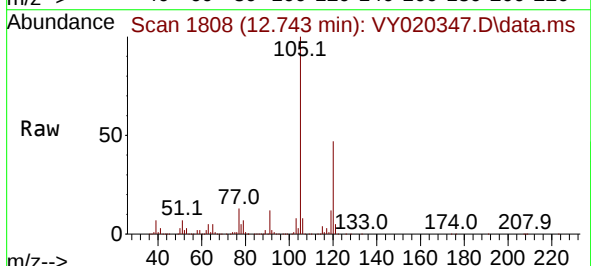
Acq: 20 Nov 2024 09:34

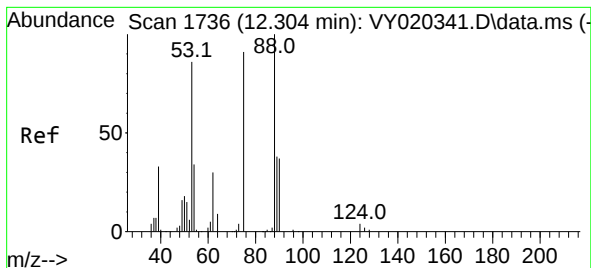
Tgt Ion:105 Resp: 491310

Ion Ratio Lower Upper

105 100

120 46.6 24.3 72.8

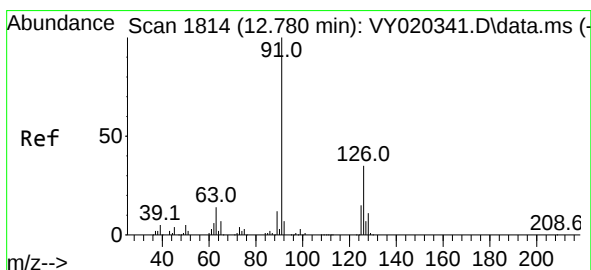
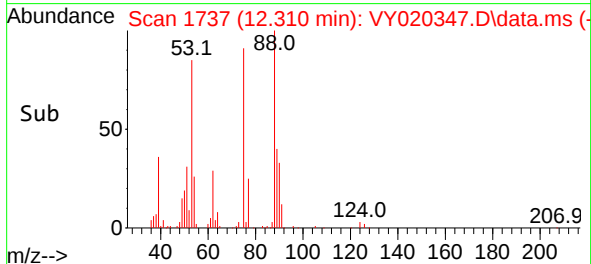
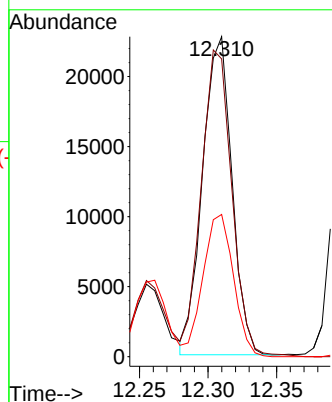
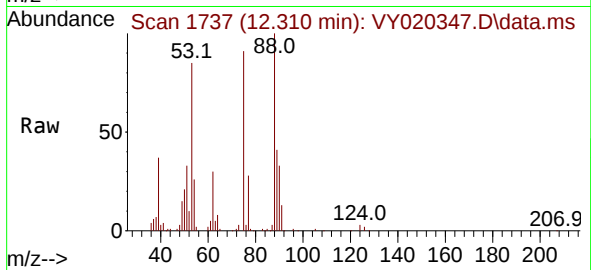




#81
trans-1,4-Dichloro-2-butene
Concen: 50.540 ug/l
RT: 12.310 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

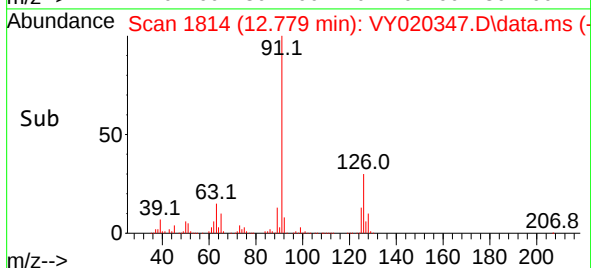
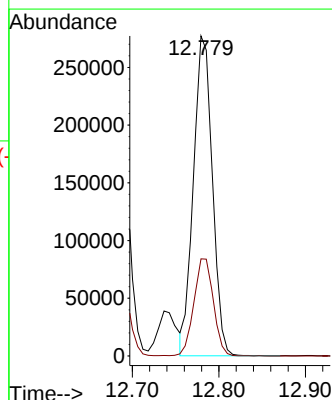
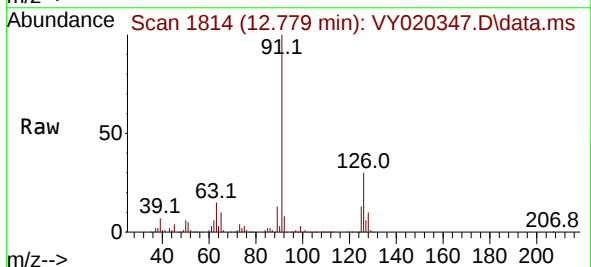
Instrument :
MSVOA_Y
ClientSampleId :

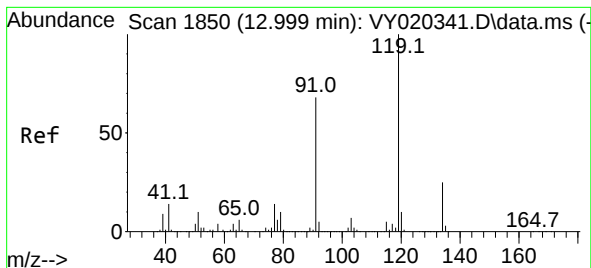
Tgt Ion: 75 Resp: 33894
Ion Ratio Lower Upper
75 100
53 100.5 81.1 121.7
89 46.6 35.1 52.7



#82
4-Chlorotoluene
Concen: 50.075 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY020347.D
Acq: 20 Nov 2024 09:34

Tgt Ion: 91 Resp: 421177
Ion Ratio Lower Upper
91 100
126 31.3 16.6 49.8





#83

tert-Butylbenzene

Concen: 53.077 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

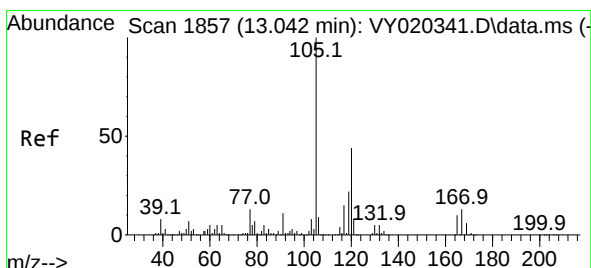
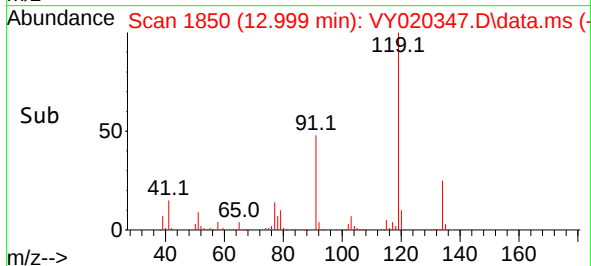
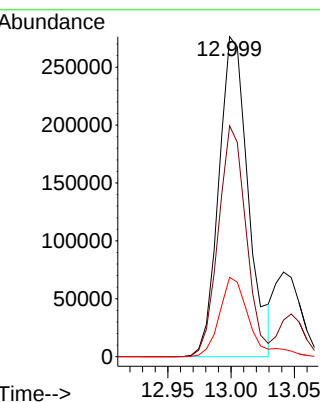
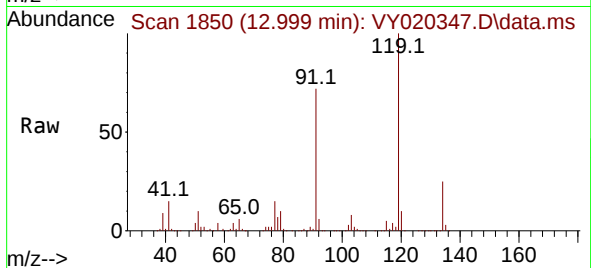
Tgt Ion:119 Resp: 447082

Ion Ratio Lower Upper

119 100

91 68.1 33.3 99.9

134 25.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.771 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY020347.D

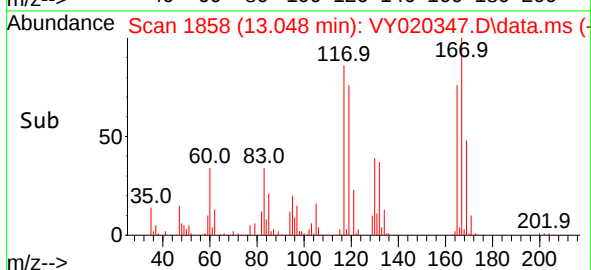
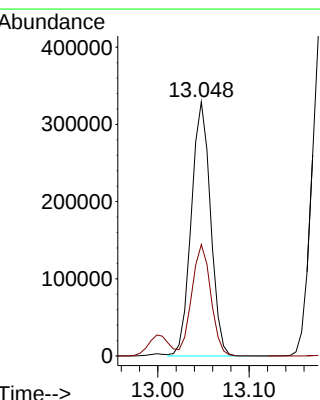
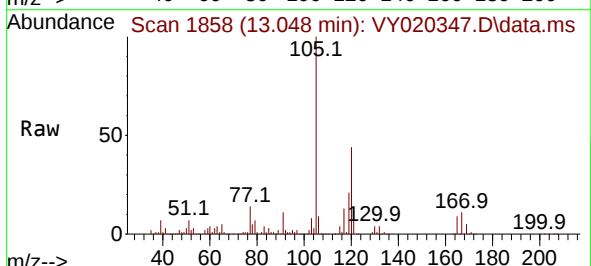
Acq: 20 Nov 2024 09:34

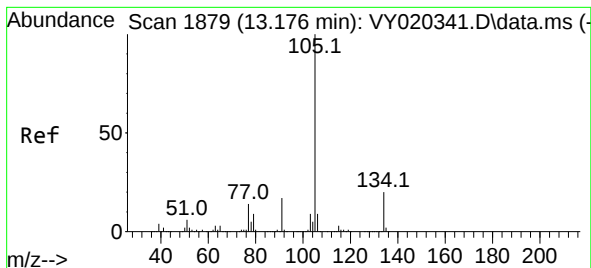
Tgt Ion:105 Resp: 480451

Ion Ratio Lower Upper

105 100

120 43.2 22.0 66.0





#85

sec-Butylbenzene

Concen: 48.826 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

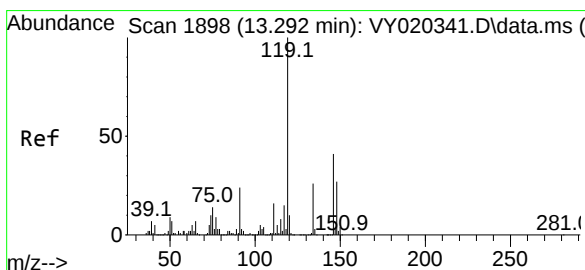
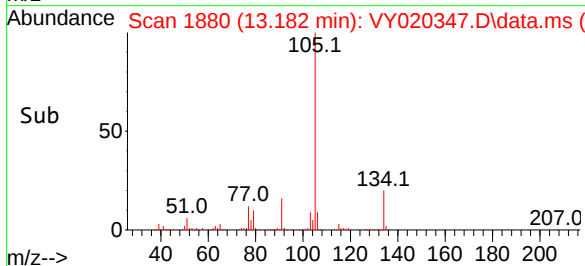
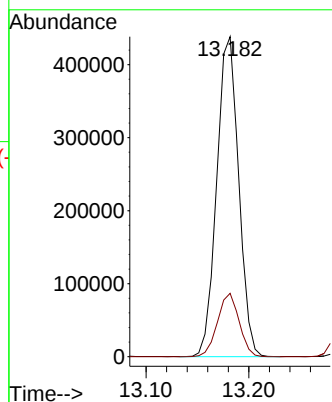
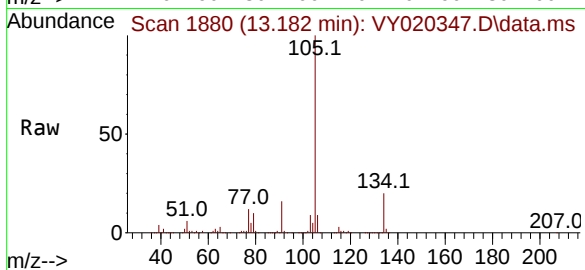
ClientSampleId :

Tgt Ion:105 Resp: 648374

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



#86

p-Isopropyltoluene

Concen: 52.008 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

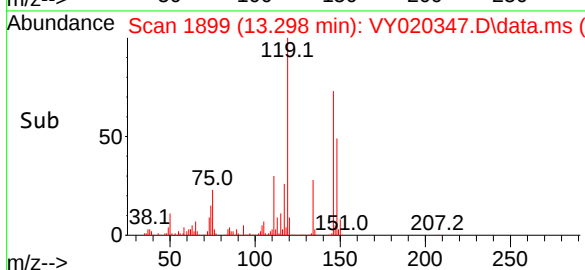
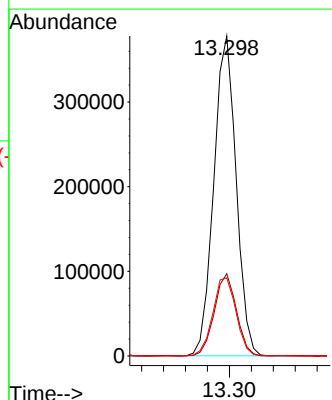
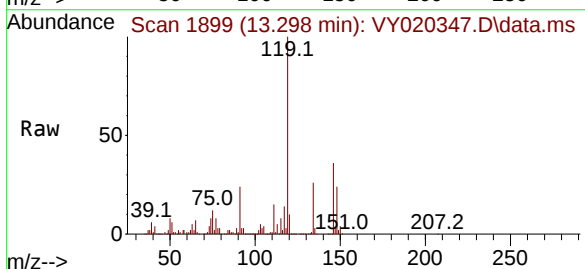
Tgt Ion:119 Resp: 533982

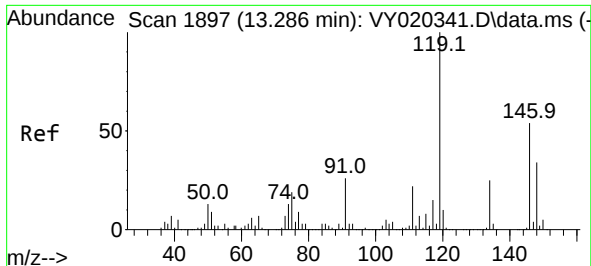
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.4

91 25.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 48.563 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

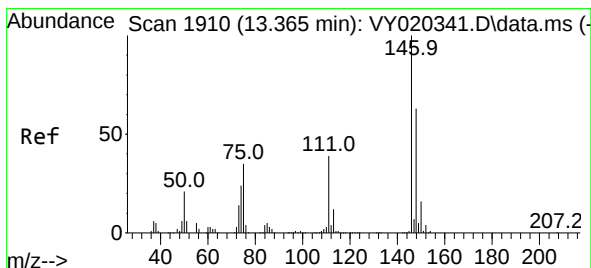
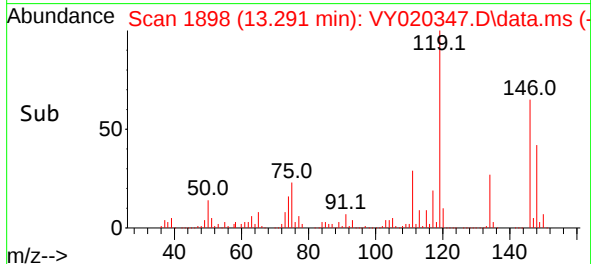
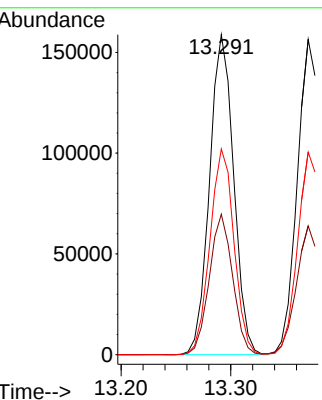
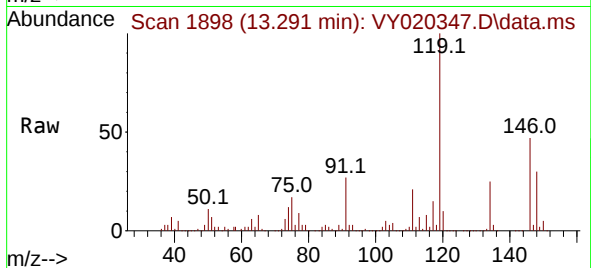
Tgt Ion:146 Resp: 242976

Ion Ratio Lower Upper

146 100

111 42.5 20.5 61.6

148 64.2 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.808 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

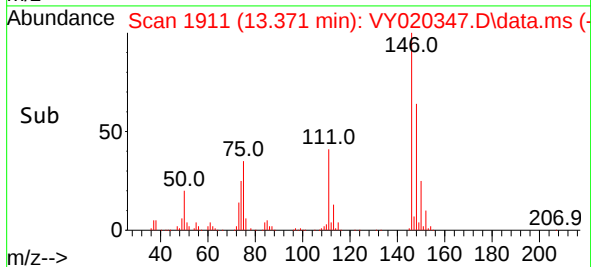
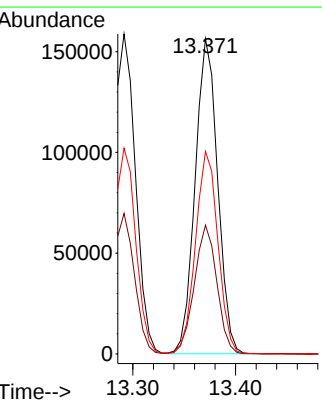
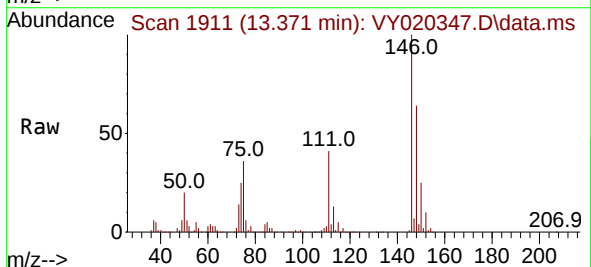
Tgt Ion:146 Resp: 238102

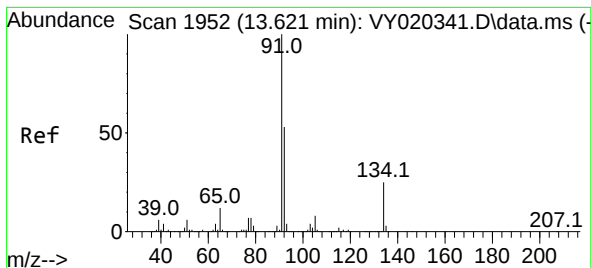
Ion Ratio Lower Upper

146 100

111 41.0 19.9 59.6

148 64.2 32.0 96.2





#89

n-Butylbenzene

Concen: 52.746 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

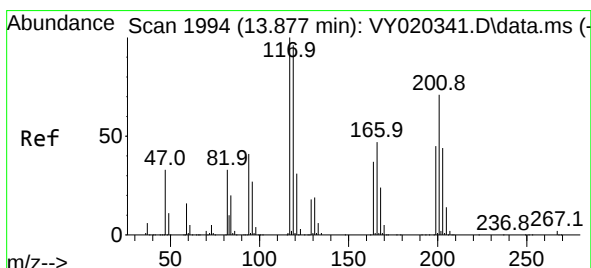
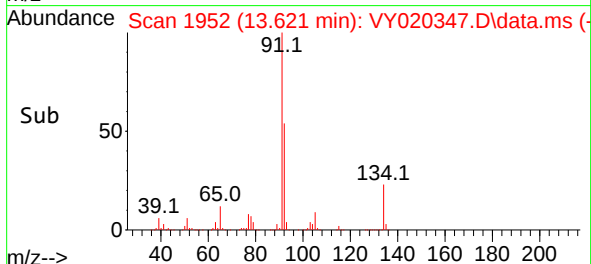
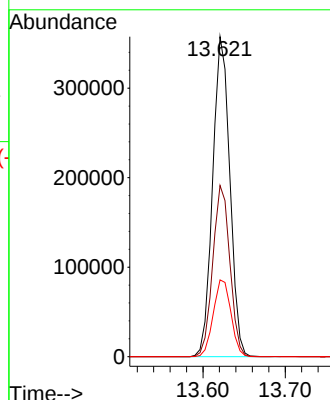
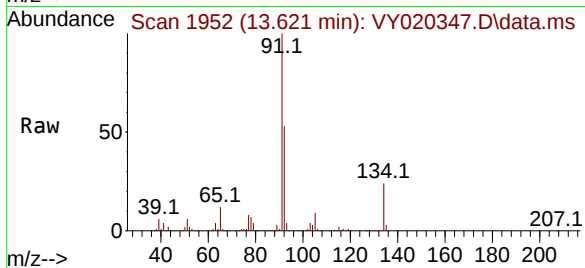
Tgt Ion: 91 Resp: 518610

Ion Ratio Lower Upper

91 100

92 53.4 26.5 79.5

134 24.7 12.2 36.4



#90

Hexachloroethane

Concen: 50.295 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY020347.D

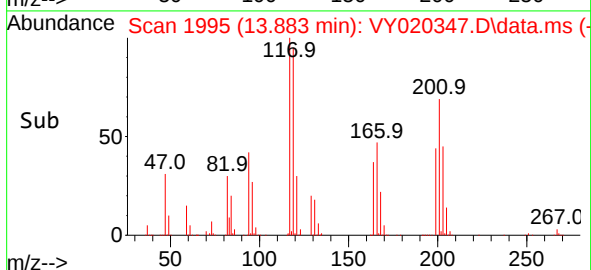
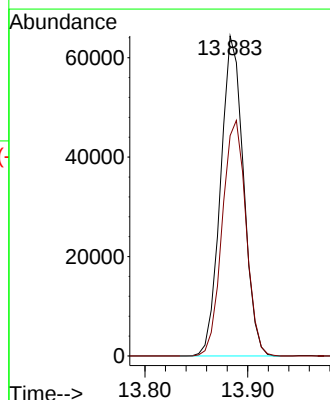
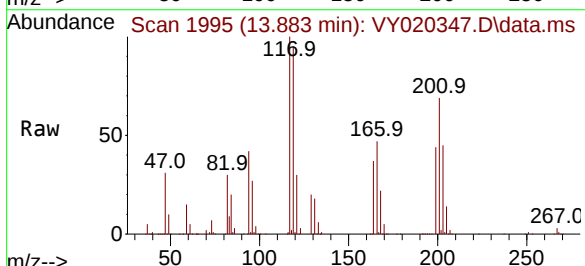
Acq: 20 Nov 2024 09:34

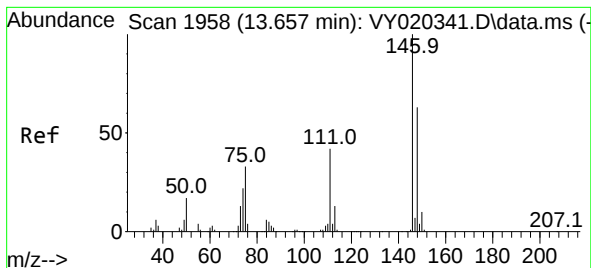
Tgt Ion: 117 Resp: 99668

Ion Ratio Lower Upper

117 100

201 76.3 37.1 111.3





#91

1,2-Dichlorobenzene

Concen: 49.921 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

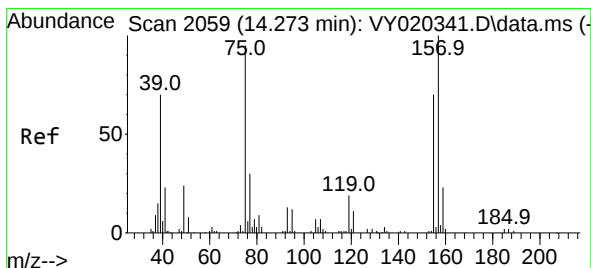
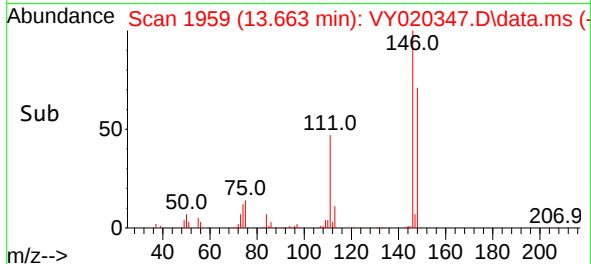
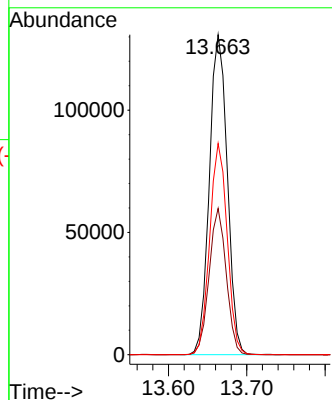
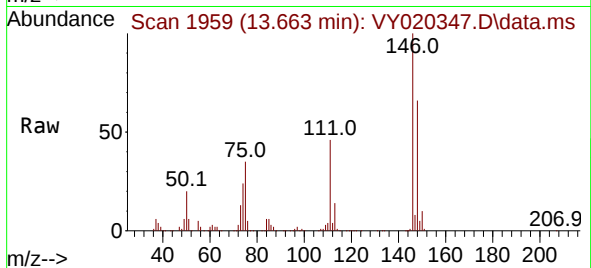
Tgt Ion:146 Resp: 208100

Ion Ratio Lower Upper

146 100

111 43.7 20.8 62.5

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.583 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

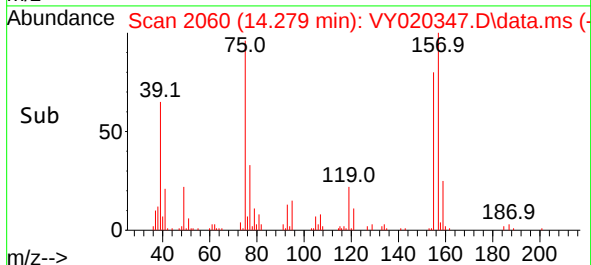
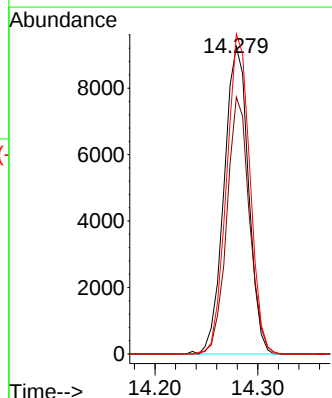
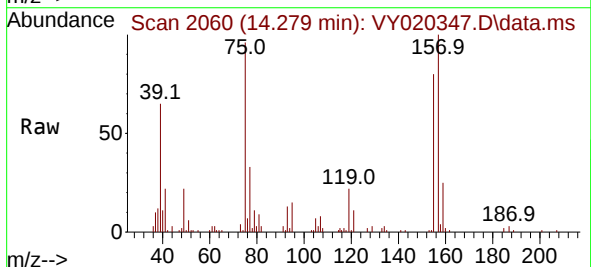
Tgt Ion: 75 Resp: 15217

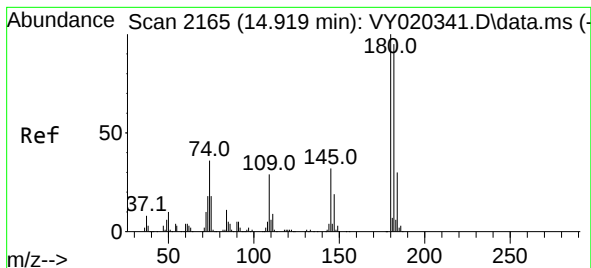
Ion Ratio Lower Upper

75 100

155 77.7 39.7 119.1

157 99.7 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 52.769 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

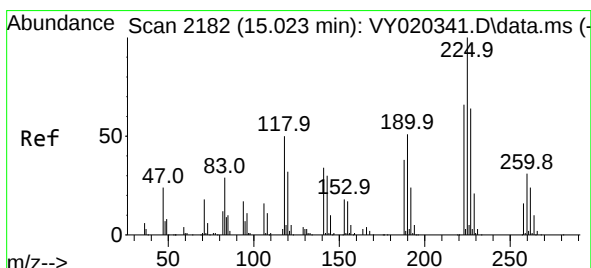
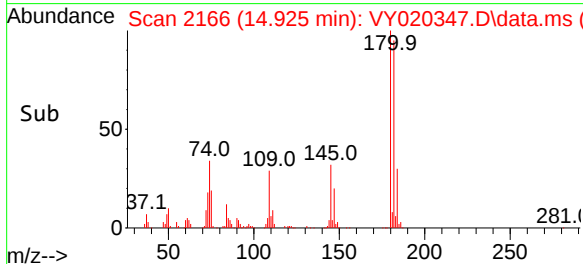
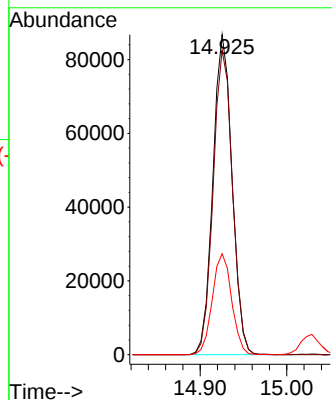
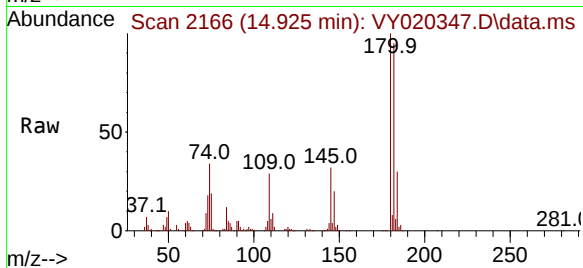
Tgt Ion:180 Resp: 133003

Ion Ratio Lower Upper

180 100

182 95.9 47.6 142.8

145 31.9 15.8 47.3



#94

Hexachlorobutadiene

Concen: 56.619 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

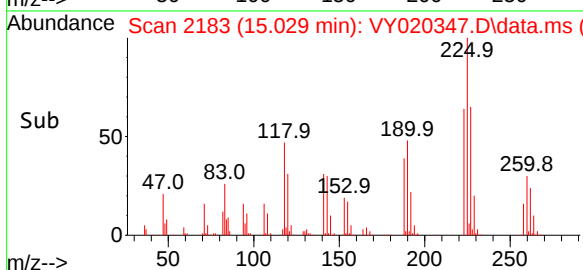
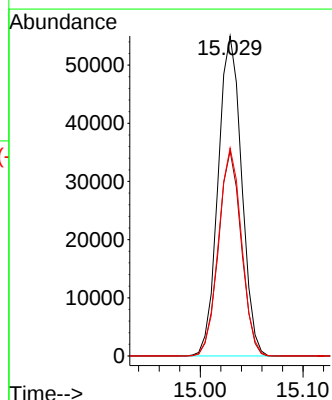
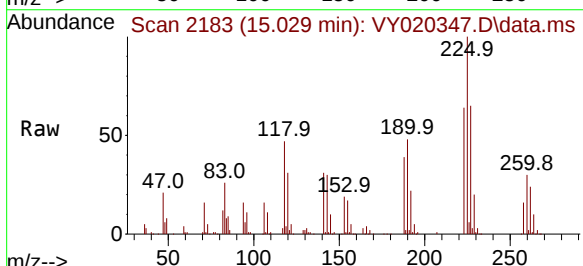
Tgt Ion:225 Resp: 87110

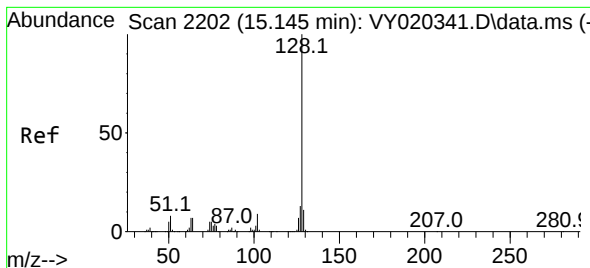
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.5

227 63.9 32.3 96.8





#95

Naphthalene

Concen: 54.723 ug/l

RT: 15.151 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Instrument :

MSVOA_Y

ClientSampleId :

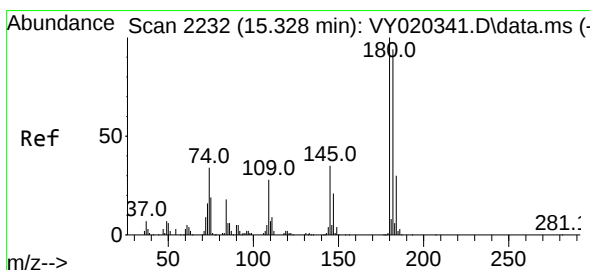
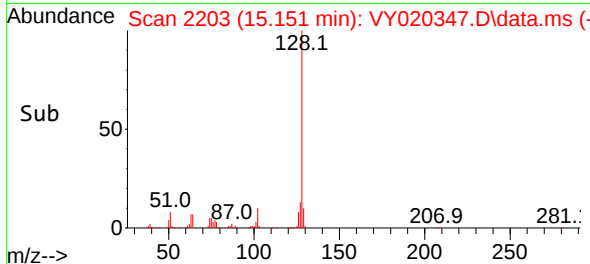
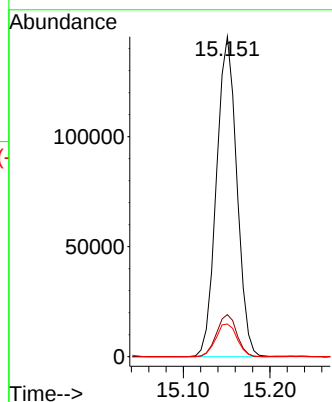
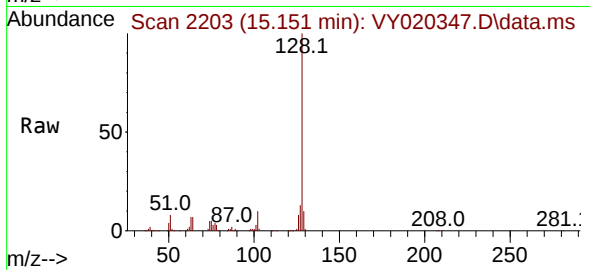
Tgt Ion:128 Resp: 237543

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.399 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020347.D

Acq: 20 Nov 2024 09:34

Tgt Ion:180 Resp: 110769

Ion Ratio Lower Upper

180 100

182 95.7 47.4 142.3

145 33.4 16.9 50.6

