

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111924\
 Data File : VY020341.D
 Acq On : 19 Nov 2024 16:57
 Operator : SY/MD
 Sample : VSTDIC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 20 01:01:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 00:48:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	227113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	420316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	360842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	149547	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	144497	55.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.760%	
35) Dibromofluoromethane	7.634	113	135608	50.315	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.109	98	587453	55.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.660%	
62) 4-Bromofluorobenzene	12.402	95	180882	52.998	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	103026	46.735	ug/l	100
3) Chloromethane	2.068	50	154573	53.880	ug/l	100
4) Vinyl Chloride	2.208	62	141208	46.691	ug/l	100
5) Bromomethane	2.598	94	71314	47.214	ug/l	100
6) Chloroethane	2.739	64	83973	47.597	ug/l	100
7) Trichlorofluoromethane	3.062	101	211527	50.331	ug/l	100
8) Diethyl Ether	3.458	74	69448	52.373	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.818	101	134494	53.736	ug/l	100
10) Methyl Iodide	4.007	142	187546	55.942	ug/l	100
11) Tert butyl alcohol	4.879	59	41051	212.148	ug/l	100
12) 1,1-Dichloroethene	3.793	96	133044	53.701	ug/l	100
13) Acrolein	3.659	56	41213	255.080	ug/l	100
14) Allyl chloride	4.391	41	214855	44.846	ug/l	100
15) Acrylonitrile	5.061	53	140610	239.879	ug/l	100
16) Acetone	3.873	43	181648	290.397	ug/l	100
17) Carbon Disulfide	4.110	76	470701	56.393	ug/l	100
18) Methyl Acetate	4.391	43	68494	46.975	ug/l	100
19) Methyl tert-butyl Ether	5.116	73	317819	49.382	ug/l	100
20) Methylene Chloride	4.616	84	129583	48.919	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	136395	49.567	ug/l	100
22) Diisopropyl ether	6.025	45	457338	48.440	ug/l	100
23) Vinyl Acetate	5.964	43	1302817	246.924	ug/l	100
24) 1,1-Dichloroethane	5.921	63	258252	48.453	ug/l	100
25) 2-Butanone	6.896	43	203885	253.183	ug/l	100
26) 2,2-Dichloropropane	6.884	77	217639	49.403	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	156034	51.482	ug/l	100
28) Bromochloromethane	7.244	49	115631	51.546	ug/l	100
29) Tetrahydrofuran	7.268	42	121226	251.872	ug/l	100
30) Chloroform	7.421	83	280651	54.528	ug/l	100
31) Cyclohexane	7.701	56	235065	48.327	ug/l	100
32) 1,1,1-Trichloroethane	7.622	97	226463	50.111	ug/l	100
36) 1,1-Dichloropropene	7.841	75	190663	46.316	ug/l	100
37) Ethyl Acetate	6.988	43	89102	46.422	ug/l	100
38) Carbon Tetrachloride	7.823	117	200826	46.725	ug/l	100
39) Methylcyclohexane	9.110	83	245019	47.559	ug/l	100
40) Benzene	8.079	78	566676	46.974	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	49407	46.047	ug/l	100
42) 1,2-Dichloroethane	8.158	62	152946	46.970	ug/l	100
43) Isopropyl Acetate	8.195	43	177802	48.484	ug/l	100
44) Trichloroethene	8.866	130	134577	47.083	ug/l	100
45) 1,2-Dichloropropane	9.140	63	134142	46.606	ug/l	100
46) Dibromomethane	9.231	93	72212	48.950	ug/l	100
47) Bromodichloromethane	9.420	83	206587	50.729	ug/l	100
48) Methyl methacrylate	9.219	41	84404	48.140	ug/l	100
49) 1,4-Dioxane	9.238	88	14757	972.312	ug/l	100
51) 4-Methyl-2-Pentanone	10.000	43	516270	277.407	ug/l	100
52) Toluene	10.170	92	357134	48.435	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	188307	48.898	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	212293	48.156	ug/l	100
55) 1,1,2-Trichloroethane	10.573	97	91951	46.957	ug/l	100
56) Ethyl methacrylate	10.439	69	148986	50.661	ug/l	100
57) 1,3-Dichloropropane	10.713	76	175316	49.817	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	328825	235.811	ug/l	100
59) 2-Hexanone	10.762	43	358788	272.258	ug/l	100
60) Dibromochloromethane	10.908	129	128210	50.796	ug/l	100
61) 1,2-Dibromoethane	11.012	107	91358	50.347	ug/l	100
64) Tetrachloroethene	10.646	164	119531	45.954	ug/l	100
65) Chlorobenzene	11.438	112	412910	51.322	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	133303	49.598	ug/l	100
67) Ethyl Benzene	11.518	91	740094	49.862	ug/l	100
68) m/p-Xylenes	11.627	106	510631	95.509	ug/l	100
69) o-Xylene	11.957	106	241061	47.538	ug/l	100
70) Styrene	11.969	104	408085	48.436	ug/l	100
71) Bromoform	12.133	173	68064	48.591	ug/l	100
73) Isopropylbenzene	12.255	105	645114	50.923	ug/l	100
74) N-amyl acetate	12.072	43	163678	53.464	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	108812	53.145	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	140750	99.546	ug/l #	100
77) Bromobenzene	12.530	156	137993	51.991	ug/l	100
78) n-propylbenzene	12.597	91	777424	51.134	ug/l	100
79) 2-Chlorotoluene	12.682	91	431579	49.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	507211	49.541	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	38276	53.209	ug/l	100
82) 4-Chlorotoluene	12.780	91	440797	48.859	ug/l	100
83) tert-Butylbenzene	12.999	119	462472	51.187	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	508985	50.144	ug/l	100
85) sec-Butylbenzene	13.176	105	758609	53.259	ug/l	100
86) p-Isopropyltoluene	13.292	119	576317	52.331	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	276359	51.496	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	258732	50.459	ug/l	100
89) n-Butylbenzene	13.621	91	547533	51.917	ug/l	100
90) Hexachloroethane	13.877	117	115268	54.229	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	231279	51.724	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17802	52.987	ug/l	100
93) 1,2,4-Trichlorobenzene	14.919	180	133647	49.434	ug/l	100
94) Hexachlorobutadiene	15.023	225	80673	48.885	ug/l	100
95) Naphthalene	15.145	128	244680	52.551	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	111791	48.361	ug/l	100

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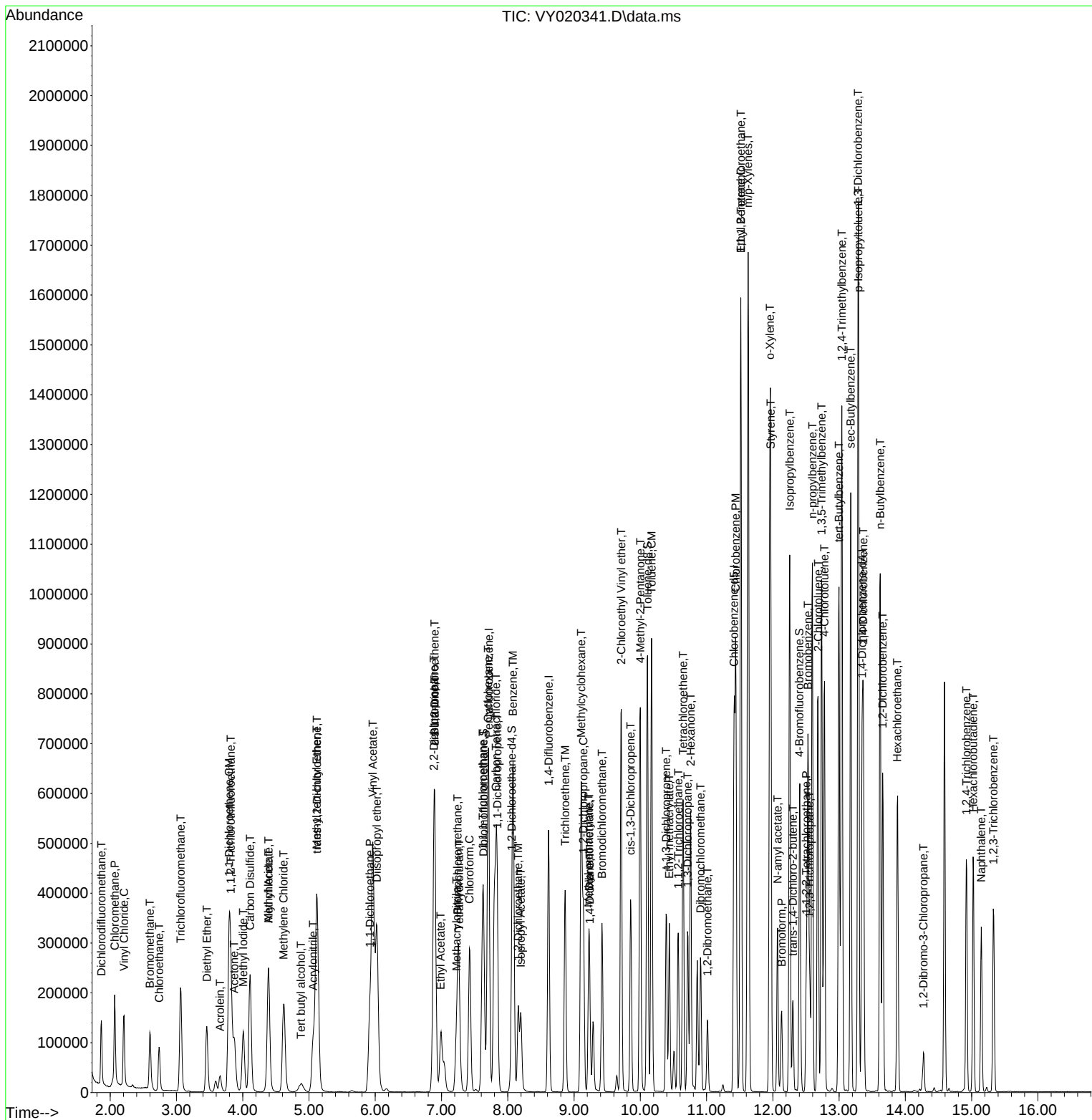
Instrument :
MSVOA_Y
ClientSampleId :

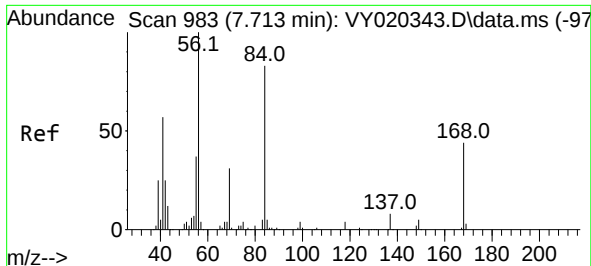
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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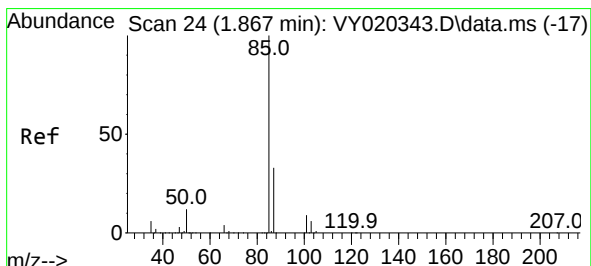
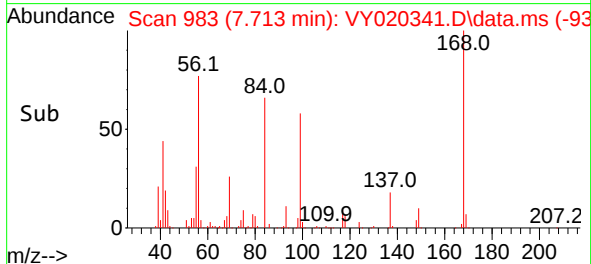
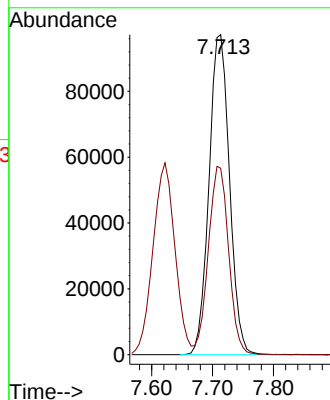
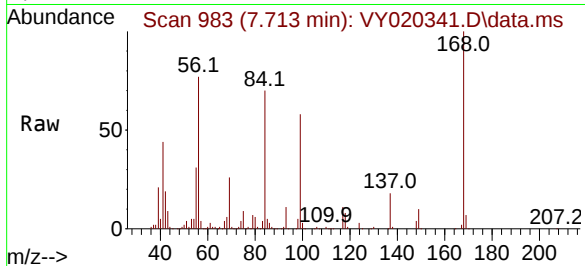




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020341.D
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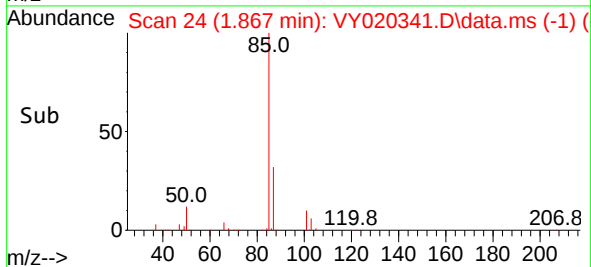
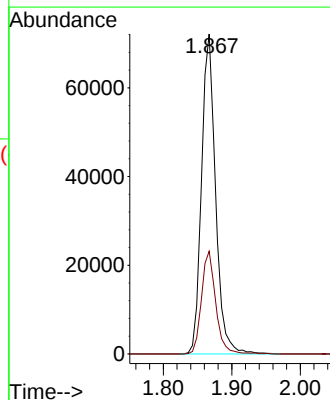
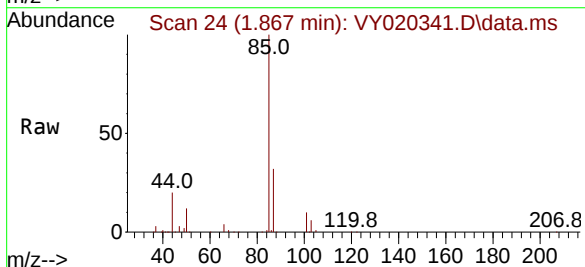
Instrument :
MSVOA_Y
ClientSampleId :

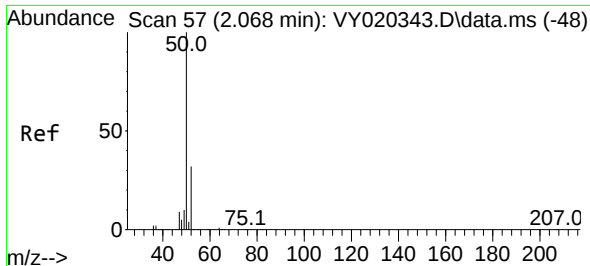
Tgt Ion:168 Resp: 227113
Ion Ratio Lower Upper
168 100
99 58.2 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 46.735 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 85 Resp: 103026
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

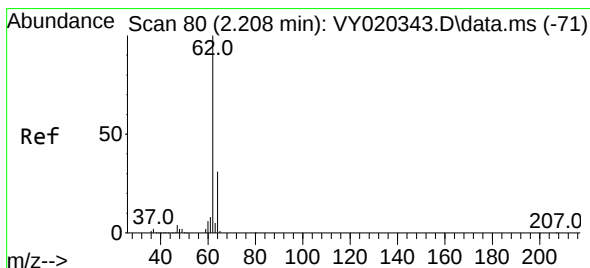
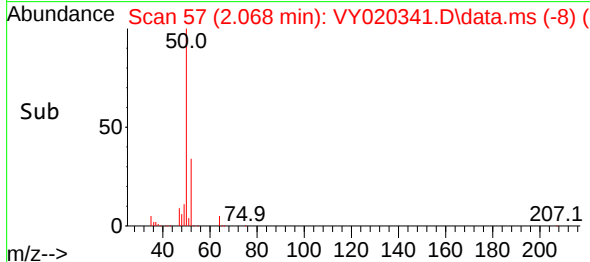
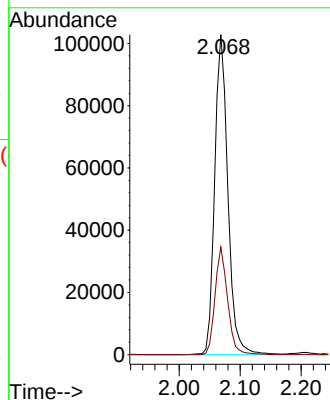
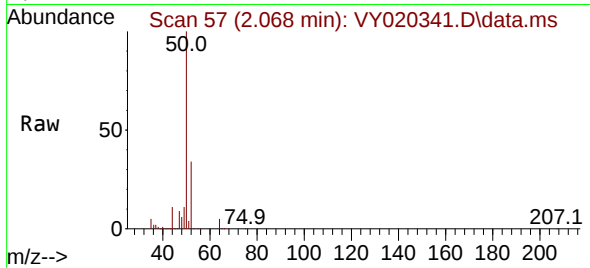




#3
Chloromethane
Concen: 53.880 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

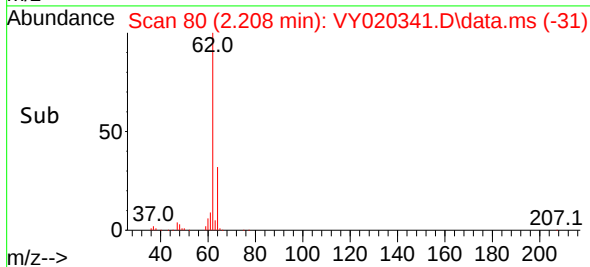
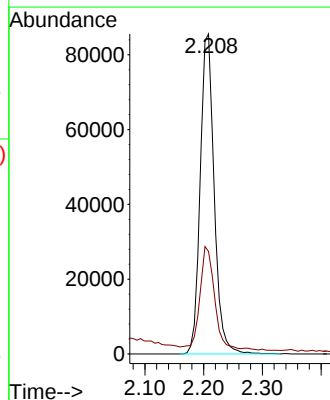
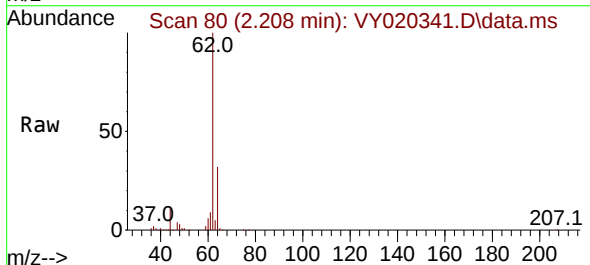
Instrument :
MSVOA_Y
ClientSampleId :

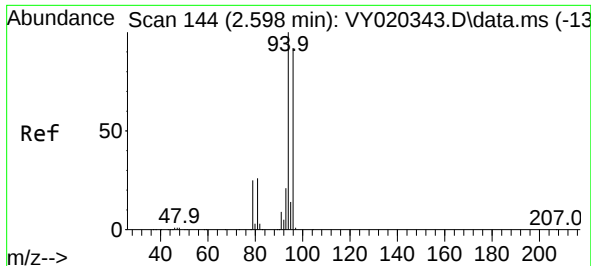
Tgt Ion: 50 Resp: 154573
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3



#4
Vinyl Chloride
Concen: 46.691 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

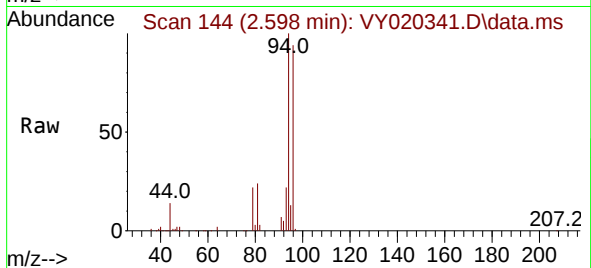
Tgt Ion: 62 Resp: 141208
Ion Ratio Lower Upper
62 100
64 30.9 24.7 37.1



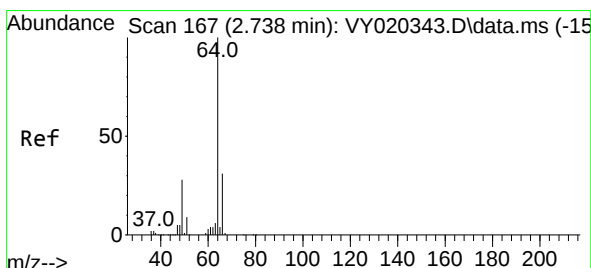
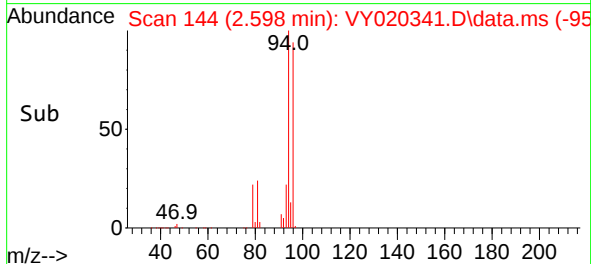
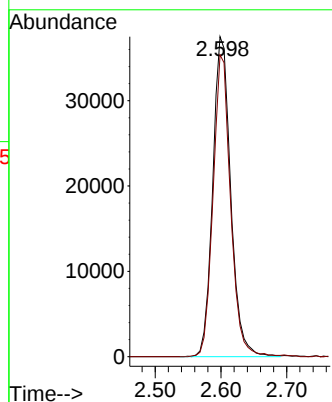


#5
Bromomethane
Concen: 47.214 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

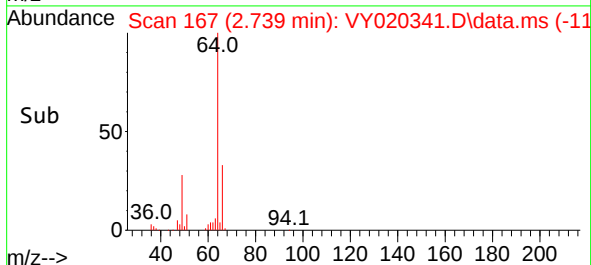
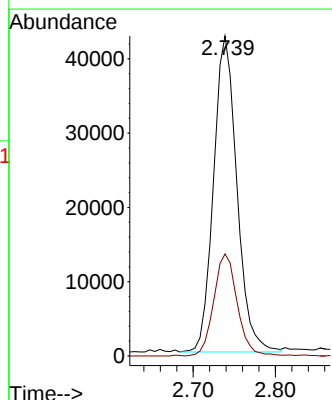
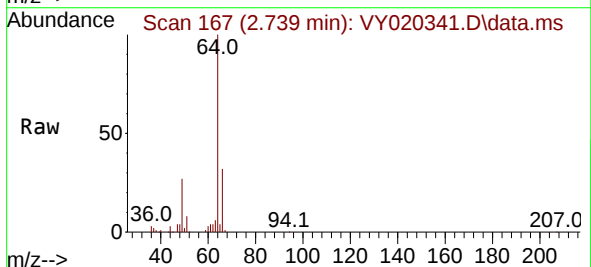


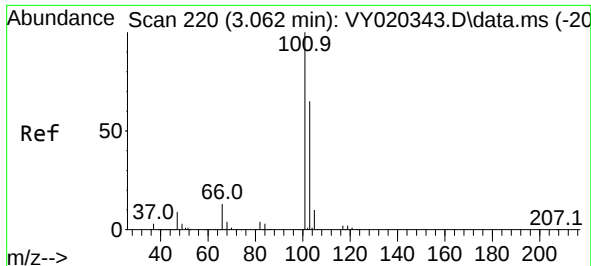
Tgt Ion: 94 Resp: 71314
Ion Ratio Lower Upper
94 100
96 94.3 75.4 113.2



#6
Chloroethane
Concen: 47.597 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 64 Resp: 83973
Ion Ratio Lower Upper
64 100
66 32.1 25.7 38.5

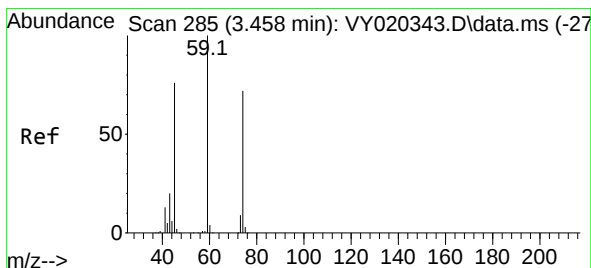
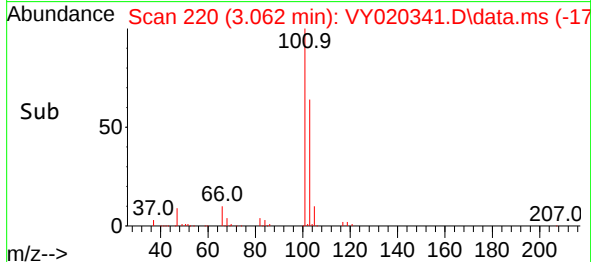
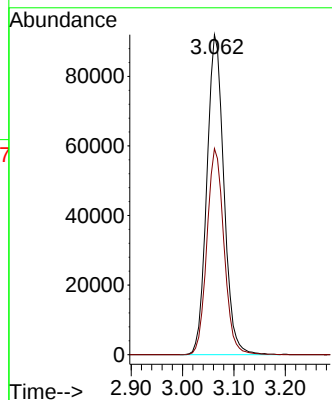
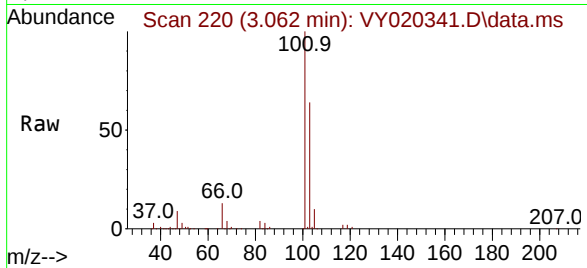




#7
 Trichlorofluoromethane
 Concen: 50.331 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY020341.D
 Acq: 19 Nov 2024 16:57

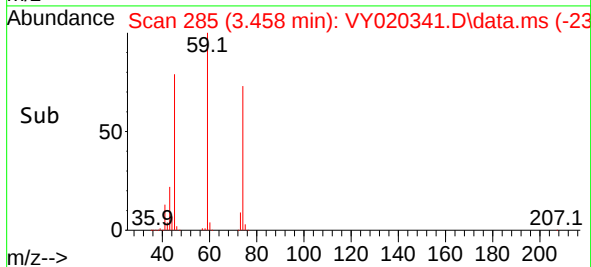
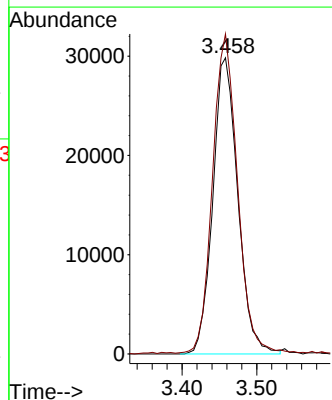
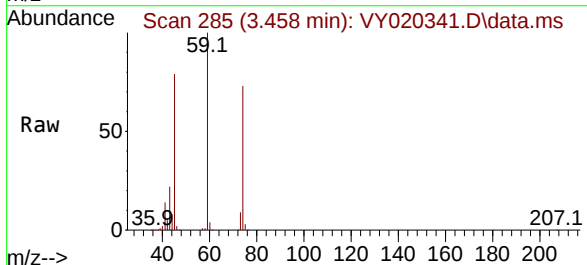
Instrument :
 MSVOA_Y
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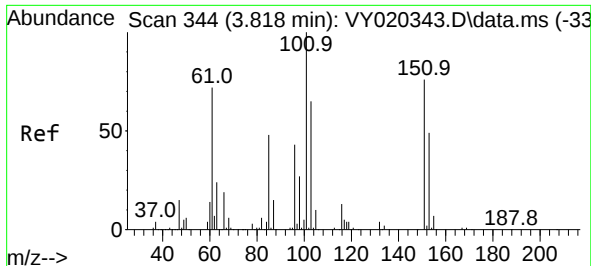
Tgt Ion:101 Resp: 211527
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3



#8
 Diethyl Ether
 Concen: 52.373 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY020341.D
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Tgt Ion: 74 Resp: 69448
 Ion Ratio Lower Upper
 74 100
 45 107.2 53.6 160.8

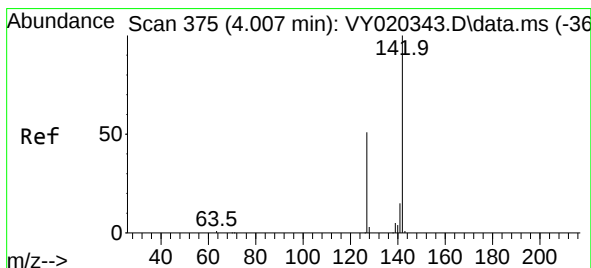
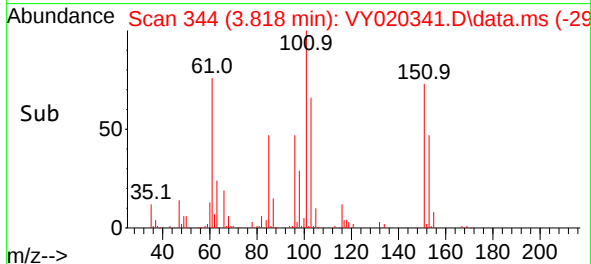
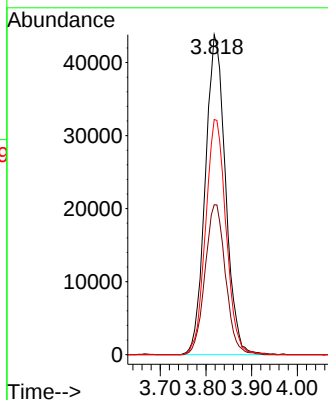
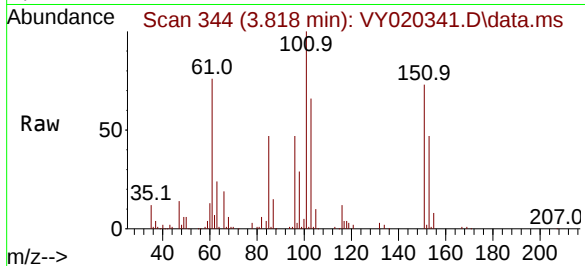




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.736 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

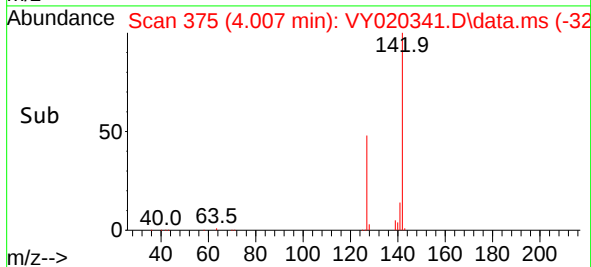
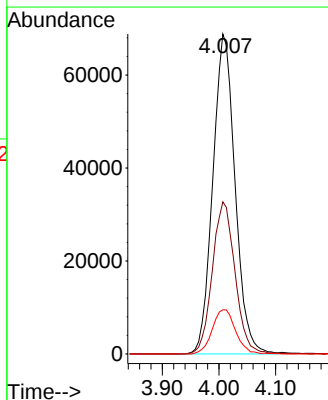
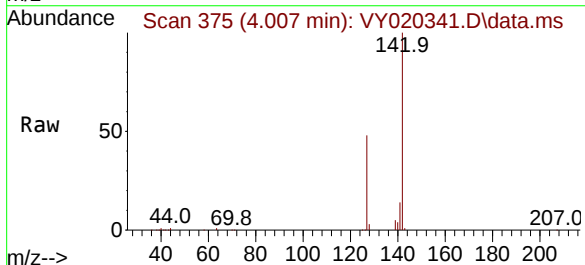
Instrument :
MSVOA_Y
ClientSampleId :

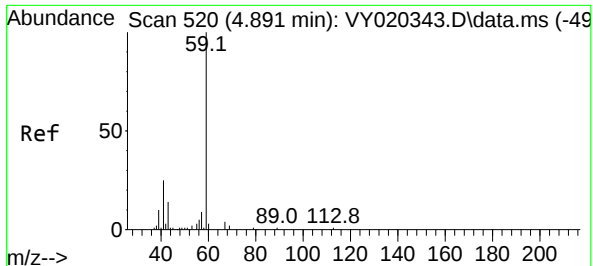
Tgt Ion:101 Resp: 134494
Ion Ratio Lower Upper
101 100
85 47.5 38.0 57.0
151 74.5 59.6 89.4



#10
Methyl Iodide
Concen: 55.942 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion:142 Resp: 187546
Ion Ratio Lower Upper
142 100
127 48.6 38.9 58.3
141 14.6 11.7 17.5

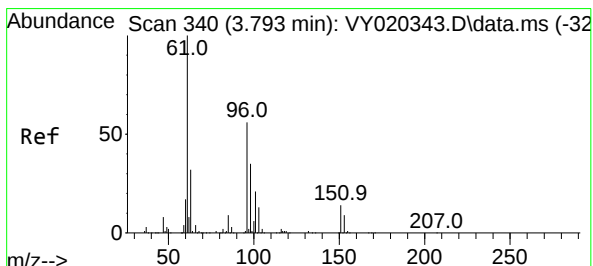
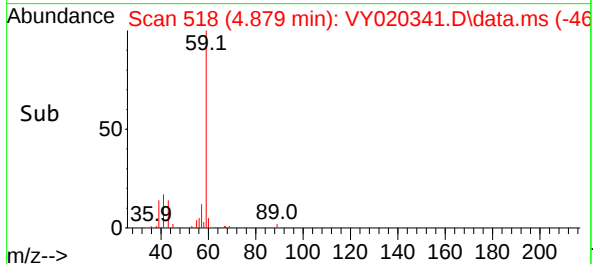
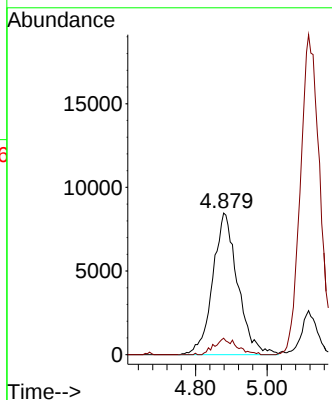
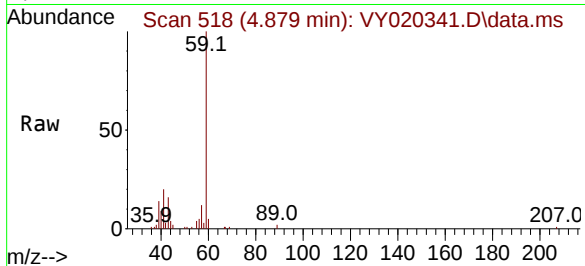




#11
Tert butyl alcohol
Concen: 212.148 ug/l
RT: 4.879 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

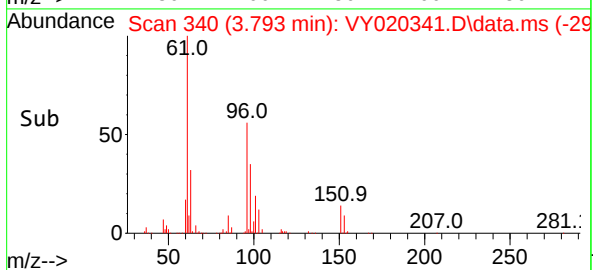
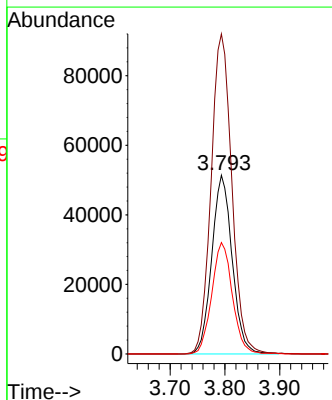
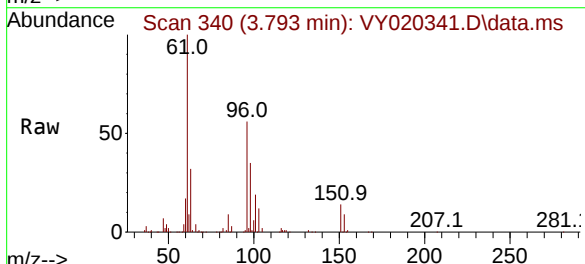
Instrument :
MSVOA_Y
ClientSampleId :

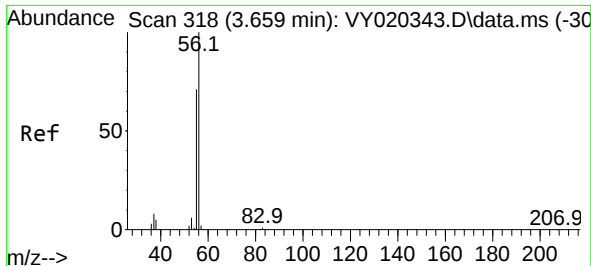
Tgt Ion: 59 Resp: 41051
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 53.701 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 96 Resp: 133044
Ion Ratio Lower Upper
96 100
61 179.1 143.3 214.9
98 62.3 49.8 74.8





#13

Acrolein

Concen: 255.080 ug/l

RT: 3.659 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

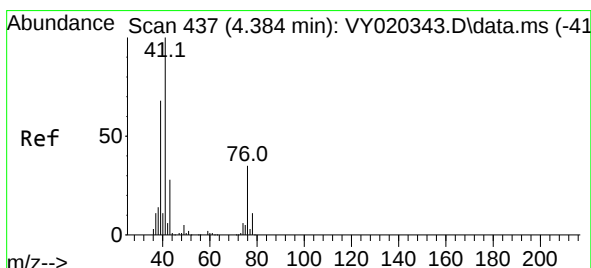
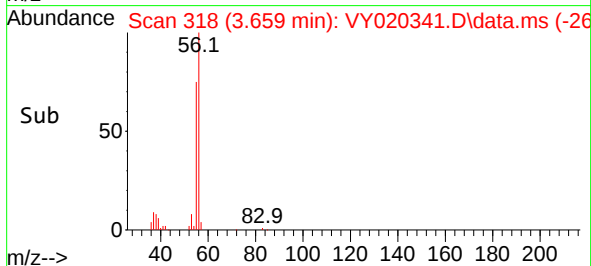
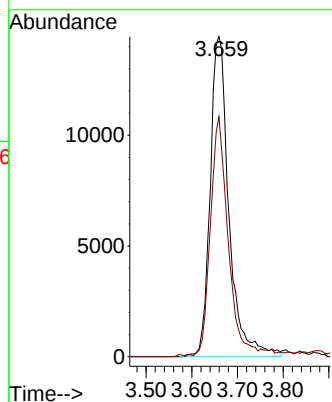
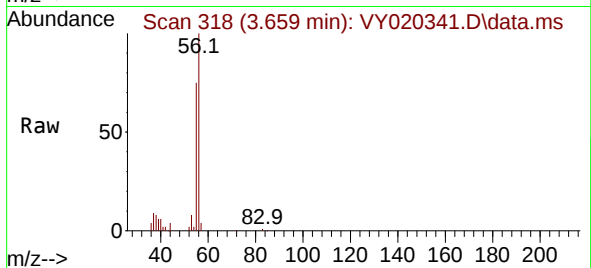
ClientSampleId :

Tgt Ion: 56 Resp: 41213

Ion Ratio Lower Upper

56 100

55 72.1 57.7 86.5



#14

Allyl chloride

Concen: 44.846 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

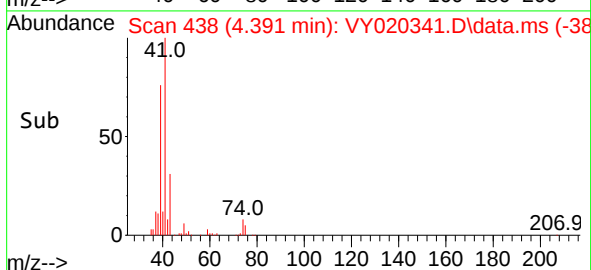
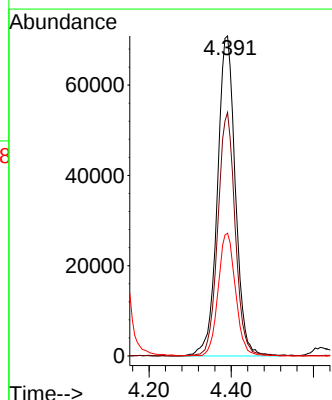
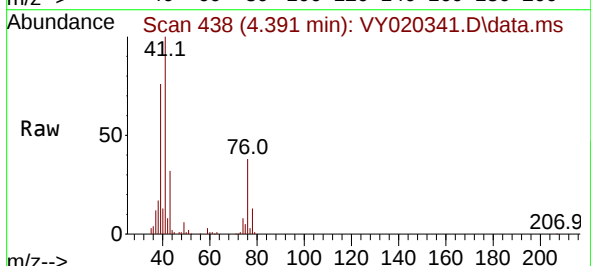
Tgt Ion: 41 Resp: 214855

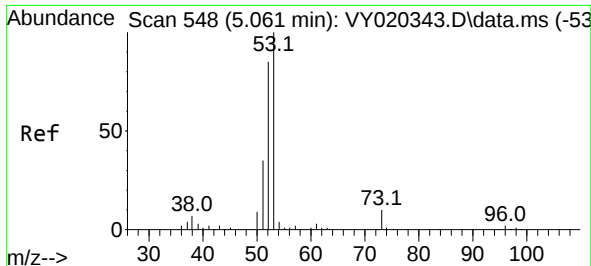
Ion Ratio Lower Upper

41 100

39 73.5 58.8 88.2

76 37.1 29.7 44.5

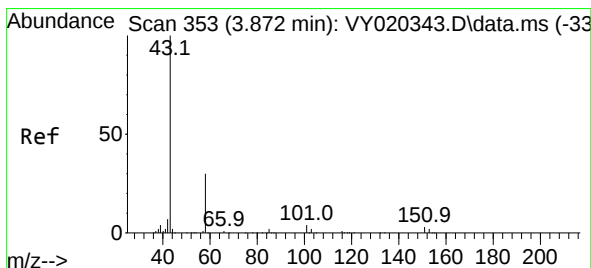
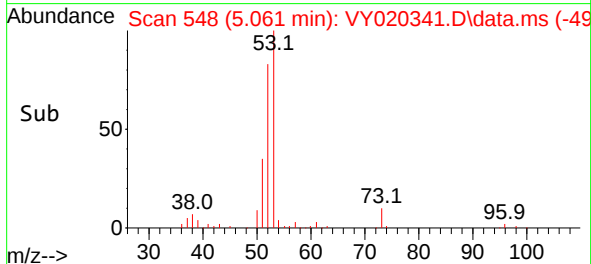
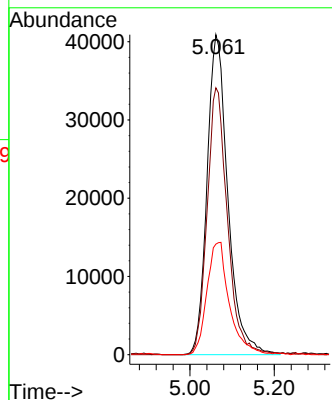
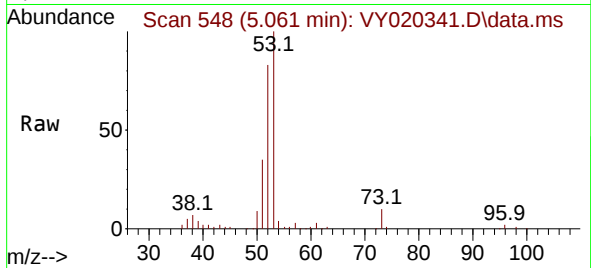




#15
Acrylonitrile
Concen: 239.879 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

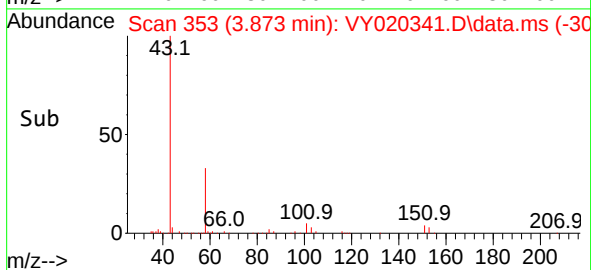
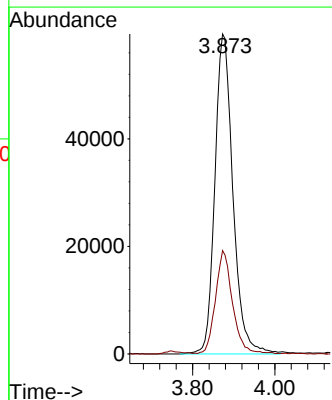
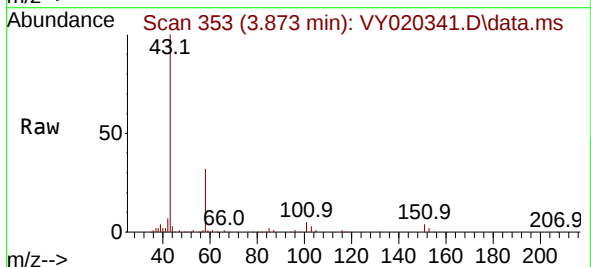
Instrument :
MSVOA_Y
ClientSampleId :

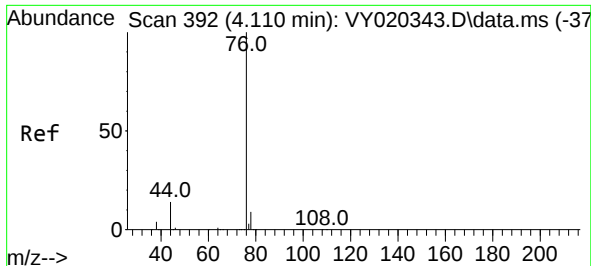
Tgt Ion: 53 Resp: 140610
Ion Ratio Lower Upper
53 100
52 81.5 65.2 97.8
51 37.8 30.2 45.4



#16
Acetone
Concen: 290.397 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 43 Resp: 181648
Ion Ratio Lower Upper
43 100
58 32.1 25.7 38.5

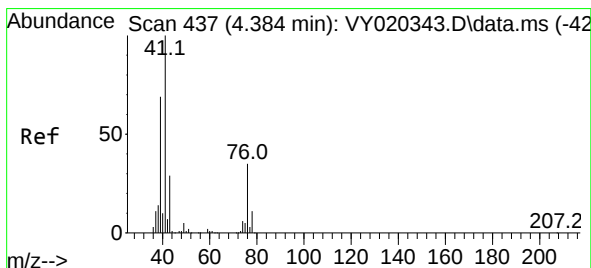
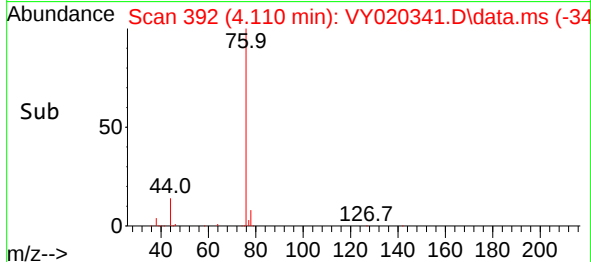
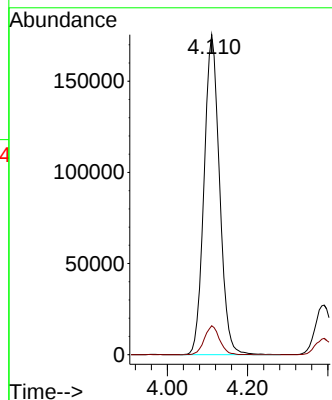
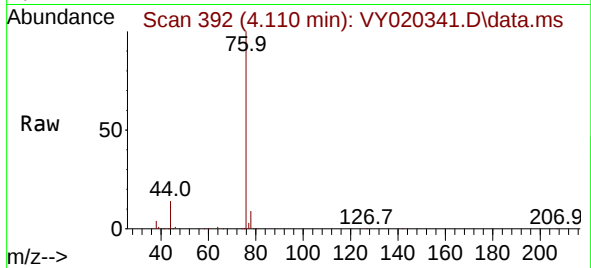




#17
Carbon Disulfide
Concen: 56.393 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

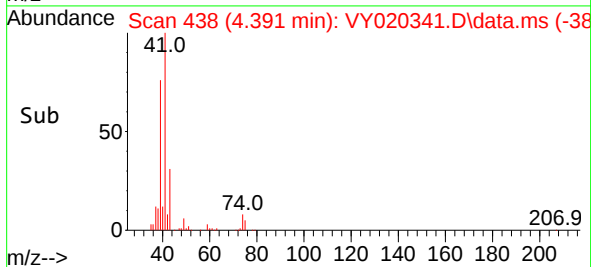
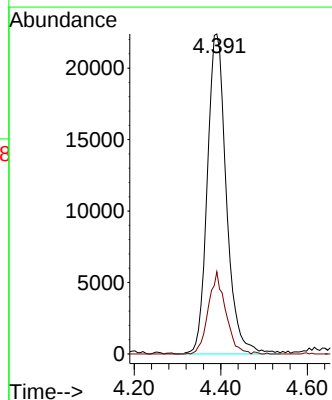
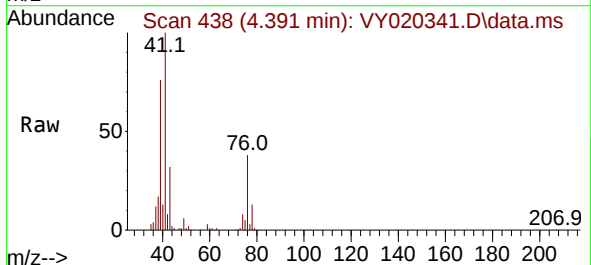
Instrument :
MSVOA_Y
ClientSampleId :

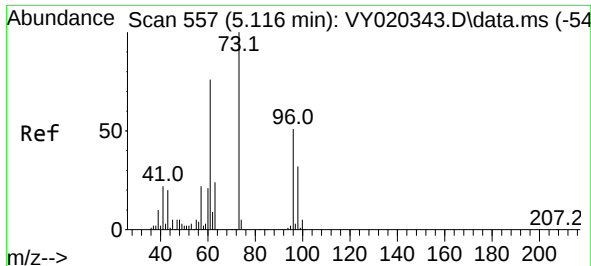
Tgt Ion: 76 Resp: 470701
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 46.975 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 43 Resp: 68494
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8

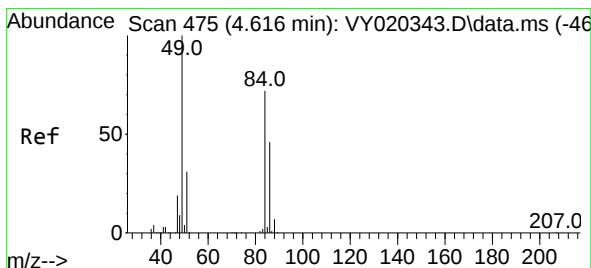
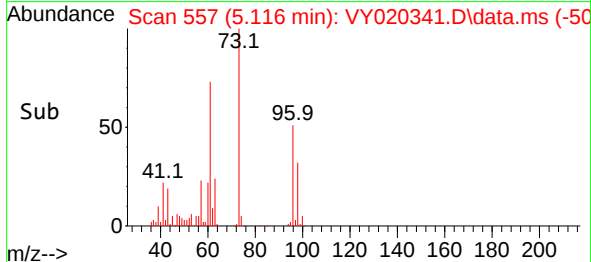
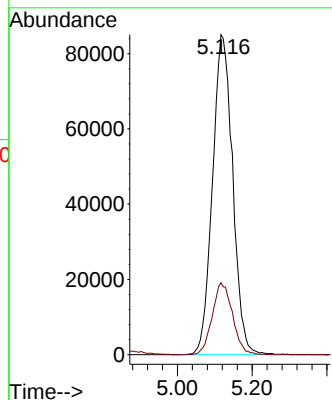
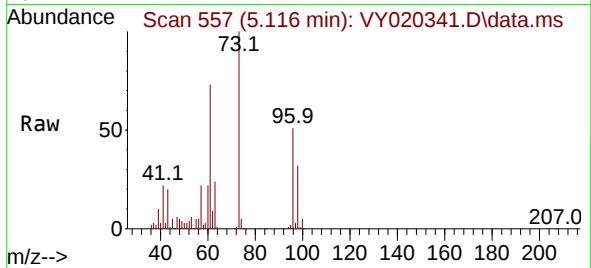




#19
Methyl tert-butyl Ether
Concen: 49.382 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

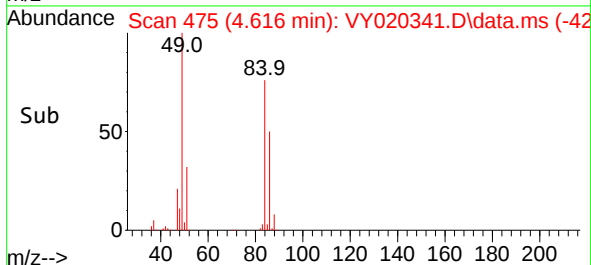
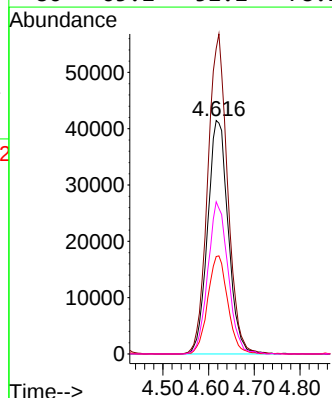
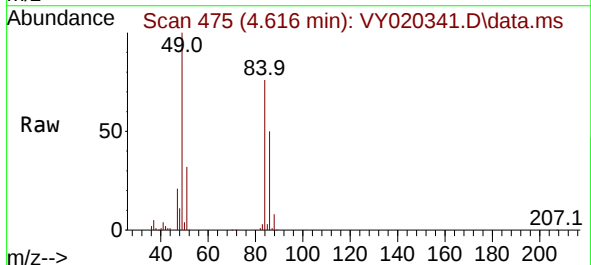
Instrument :
MSVOA_Y
ClientSampleId :

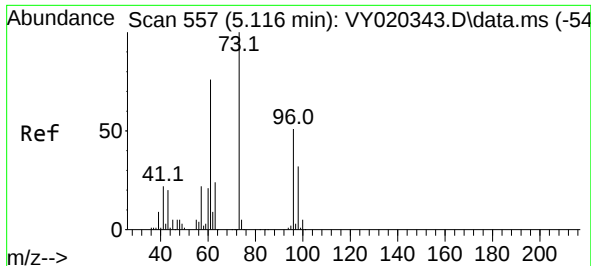
Tgt Ion: 73 Resp: 317819
Ion Ratio Lower Upper
73 100
57 22.5 18.0 27.0



#20
Methylene Chloride
Concen: 48.919 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 84 Resp: 129583
Ion Ratio Lower Upper
84 100
49 130.9 104.7 157.1
51 41.7 33.4 50.0
86 65.2 52.2 78.2

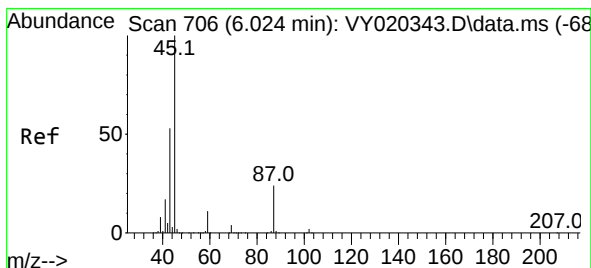
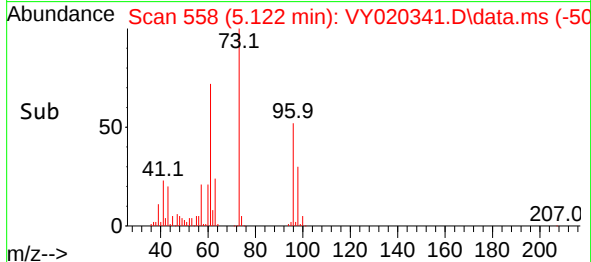
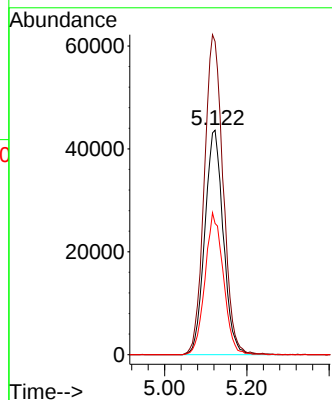
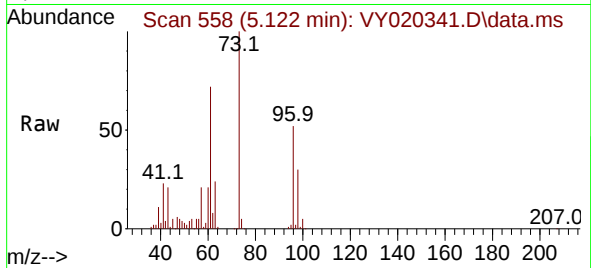




#21
trans-1,2-Dichloroethene
Concen: 49.567 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

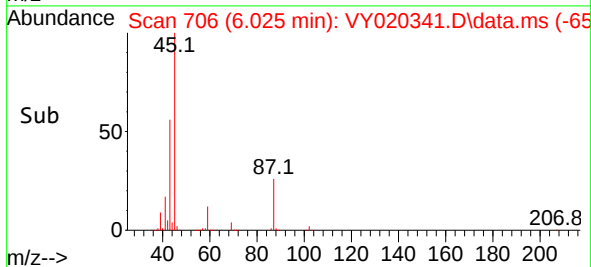
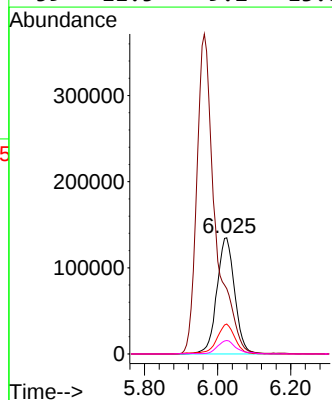
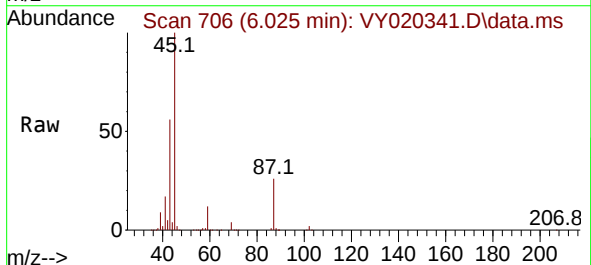
Instrument :
MSVOA_Y
ClientSampleId :

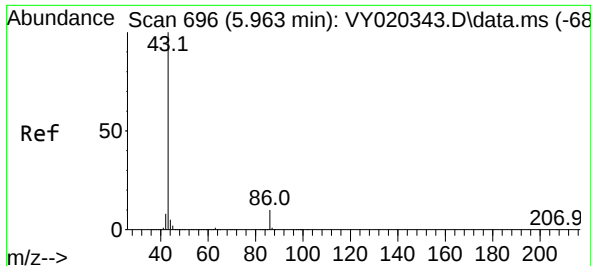
Tgt Ion: 96 Resp: 136395
Ion Ratio Lower Upper
96 100
61 139.5 111.6 167.4
98 58.4 46.7 70.1



#22
Diisopropyl ether
Concen: 48.440 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

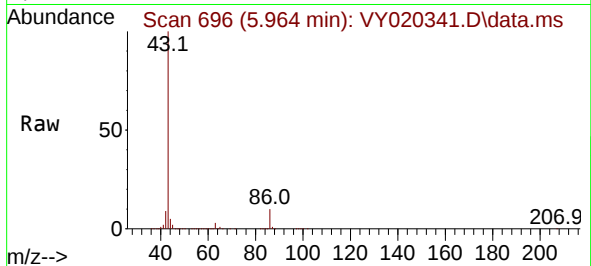
Tgt Ion: 45 Resp: 457338
Ion Ratio Lower Upper
45 100
43 56.0 44.8 67.2
87 25.7 20.6 30.8
59 11.5 9.2 13.8



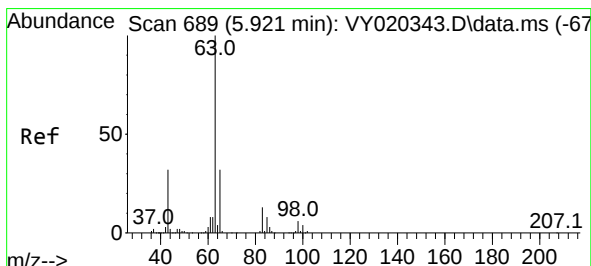
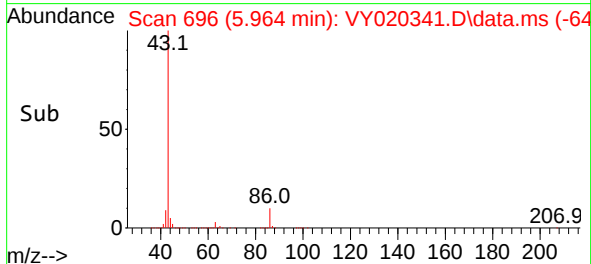
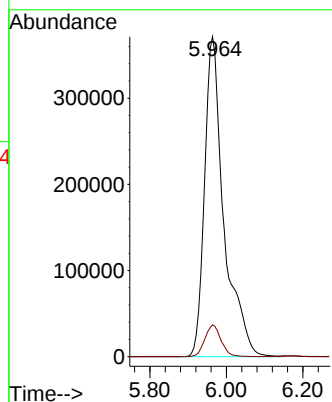


#23
 Vinyl Acetate
 Concen: 246.924 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY020341.D
 Acq: 19 Nov 2024 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :

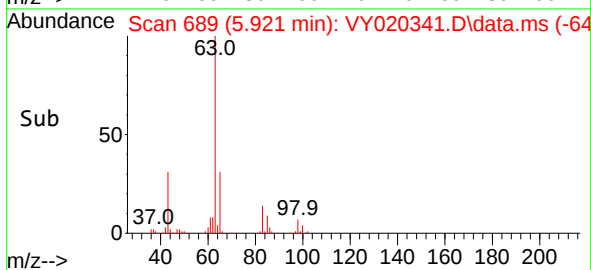
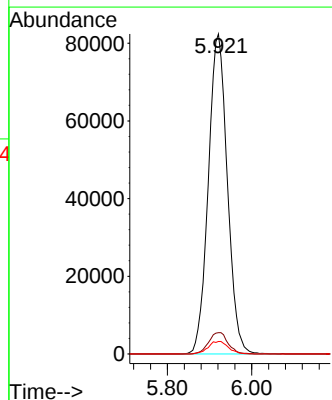
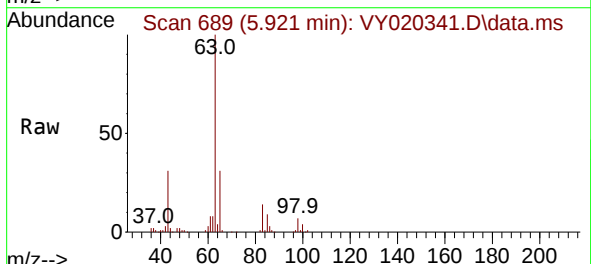


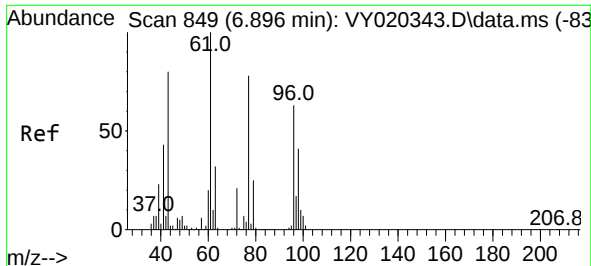
Tgt Ion: 43 Resp: 1302817
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 48.453 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY020341.D
 Acq: 19 Nov 2024 16:57

Tgt Ion: 63 Resp: 258252
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 3.9 2.0 5.8

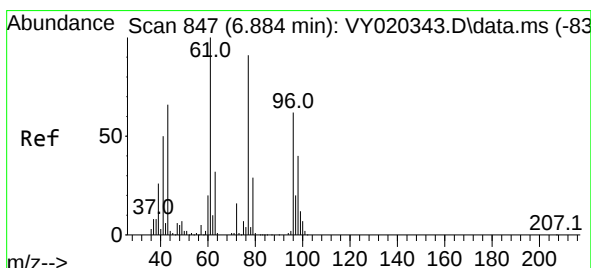
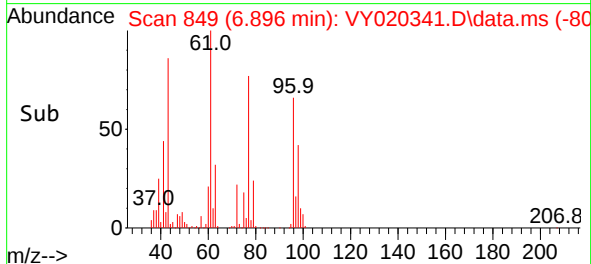
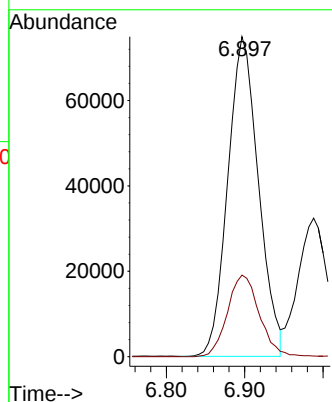
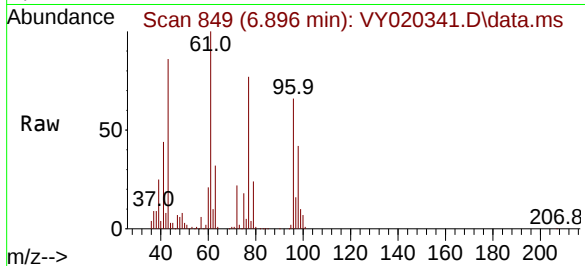




#25
2-Butanone
Concen: 253.183 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

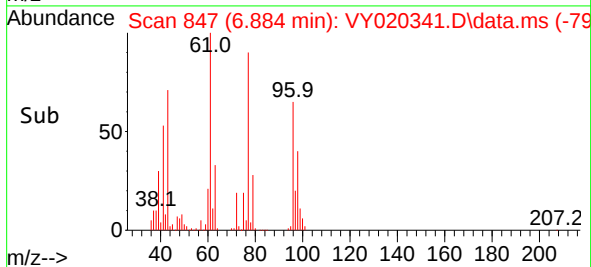
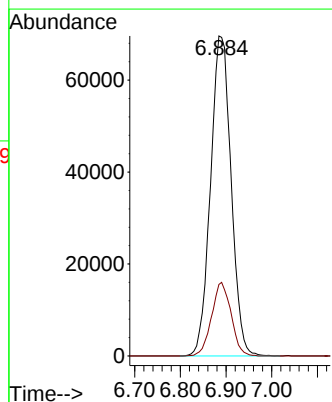
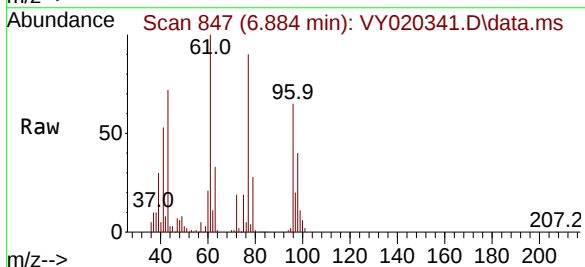
Instrument :
MSVOA_Y
ClientSampleId :

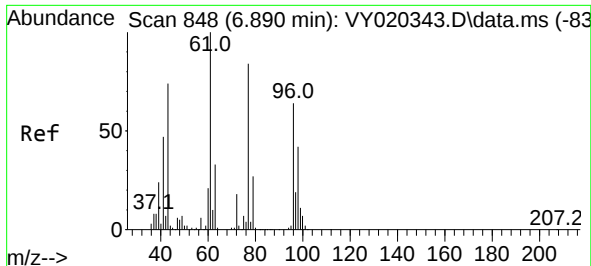
Tgt Ion: 43 Resp: 203885
Ion Ratio Lower Upper
43 100
72 25.5 20.4 30.6



#26
2,2-Dichloropropane
Concen: 49.403 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 77 Resp: 217639
Ion Ratio Lower Upper
77 100
97 21.8 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 51.482 ug/l

RT: 6.896 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

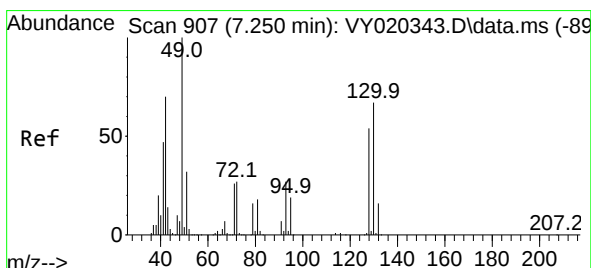
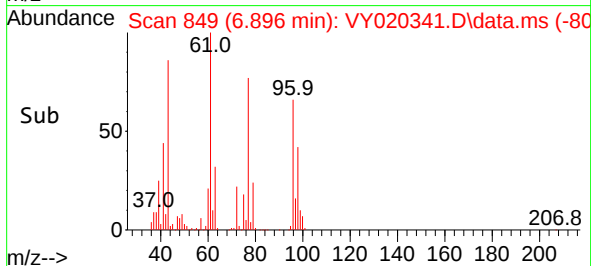
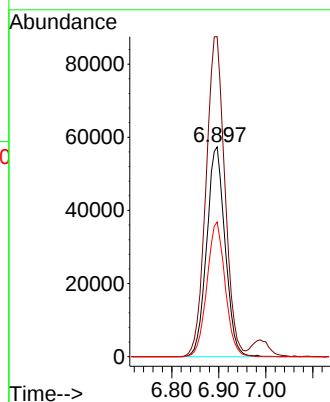
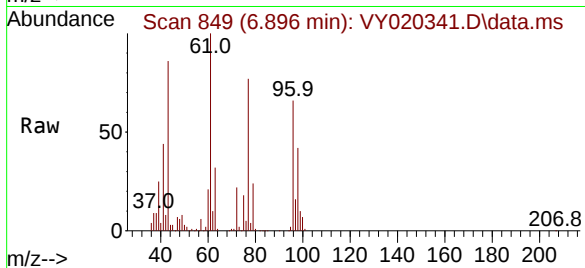
Tgt Ion: 96 Resp: 156034

Ion Ratio Lower Upper

96 100

61 156.2 0.0 312.4

98 63.4 0.0 126.8



#28

Bromochloromethane

Concen: 51.546 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

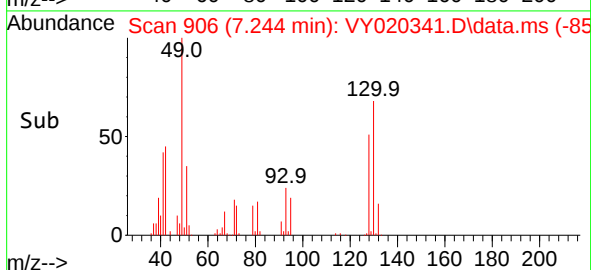
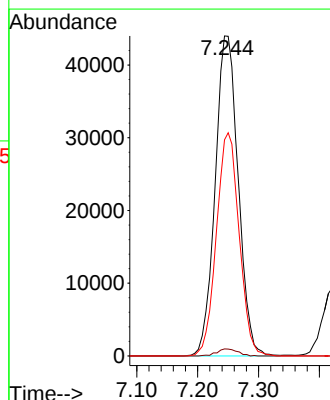
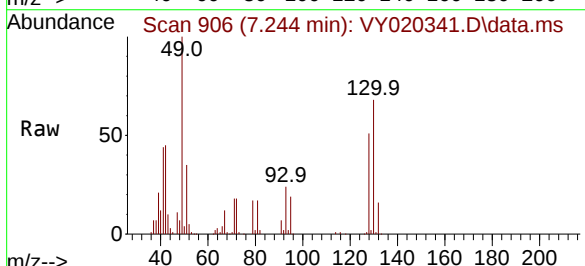
Tgt Ion: 49 Resp: 115631

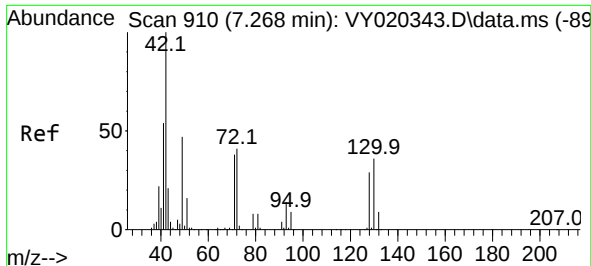
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 68.8 55.0 82.6





#29

Tetrahydrofuran

Concen: 251.872 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

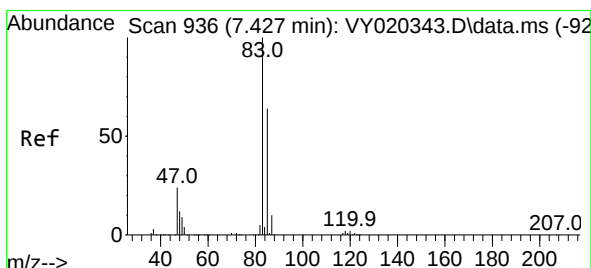
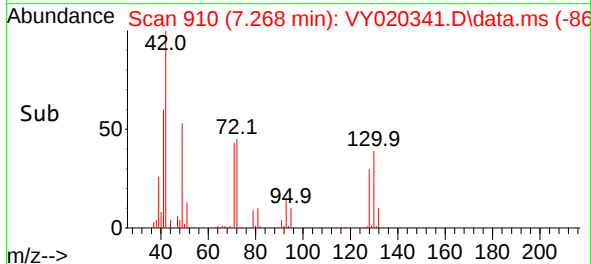
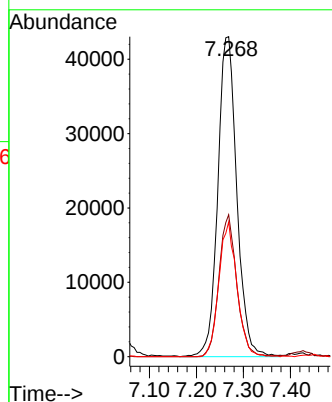
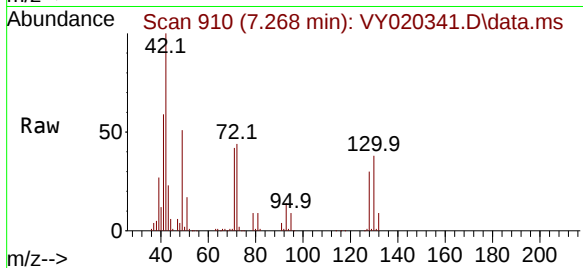
Tgt Ion: 42 Resp: 121226

Ion Ratio Lower Upper

42 100

72 41.7 33.4 50.0

71 39.9 31.9 47.9



#30

Chloroform

Concen: 54.528 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY020341.D

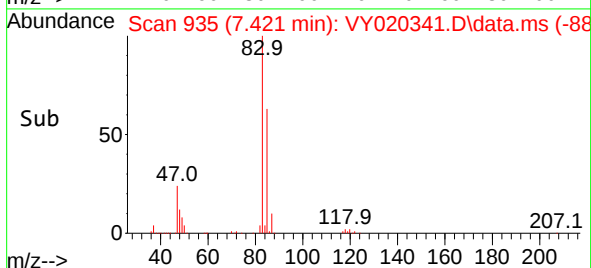
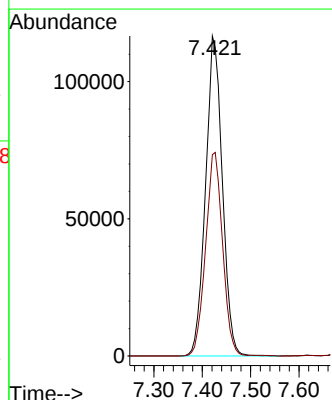
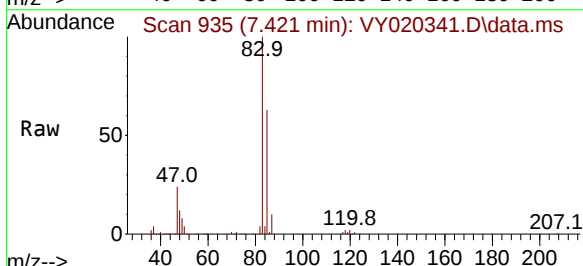
Acq: 19 Nov 2024 16:57

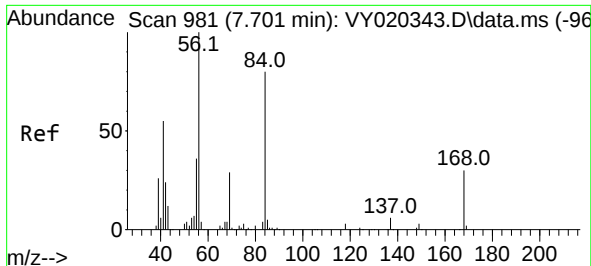
Tgt Ion: 83 Resp: 280651

Ion Ratio Lower Upper

83 100

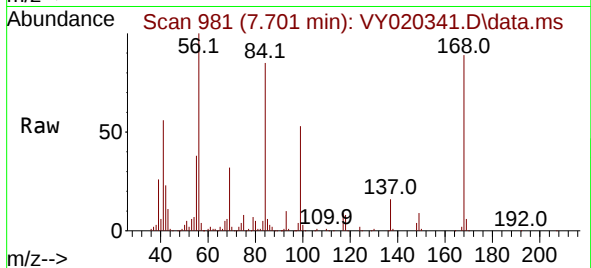
85 62.9 50.3 75.5



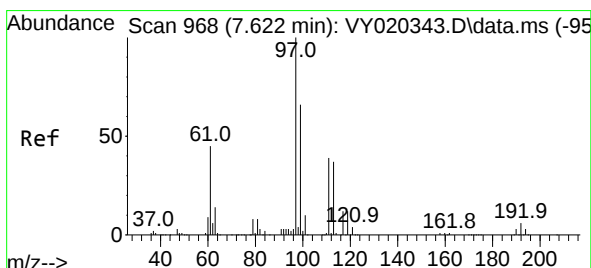
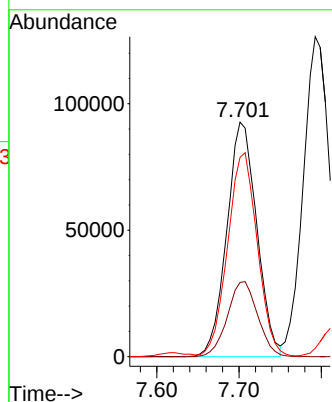
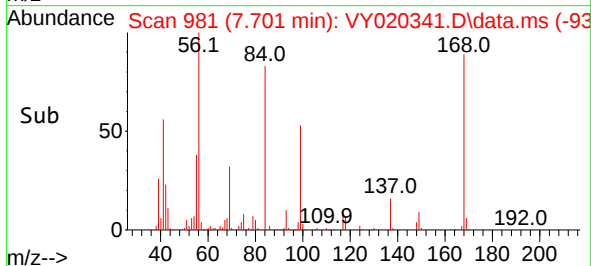


#31
Cyclohexane
Concen: 48.327 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

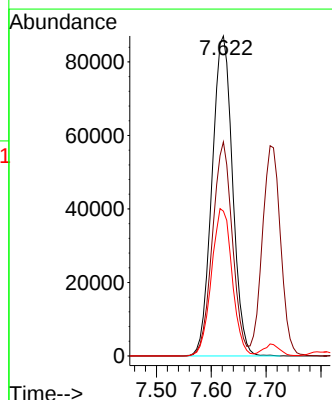
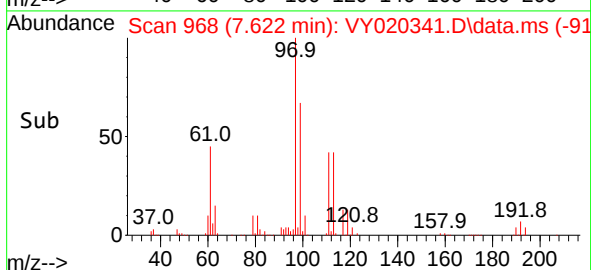
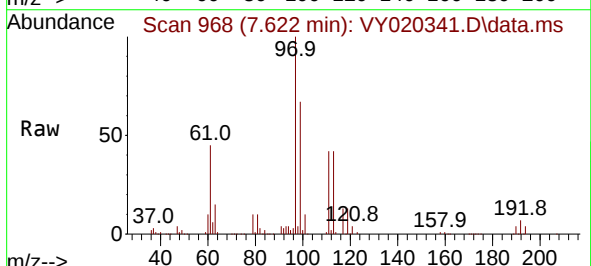


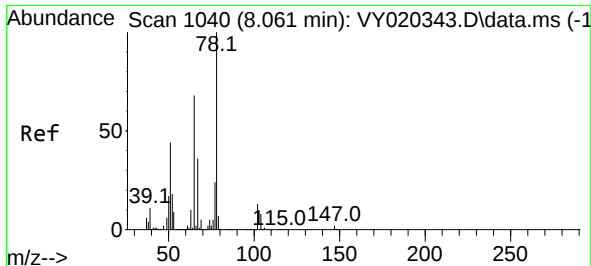
Tgt Ion: 56 Resp: 235065
Ion Ratio Lower Upper
56 100
69 31.6 25.3 37.9
84 83.6 66.9 100.3



#32
1,1,1-Trichloroethane
Concen: 50.111 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 97 Resp: 226463
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 46.4 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 55.378 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

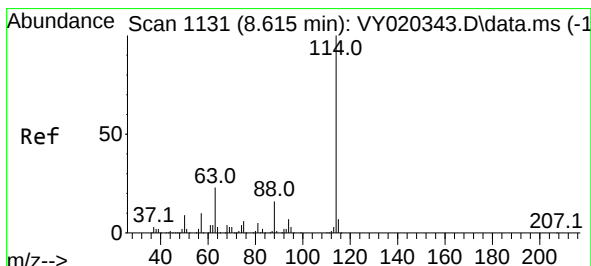
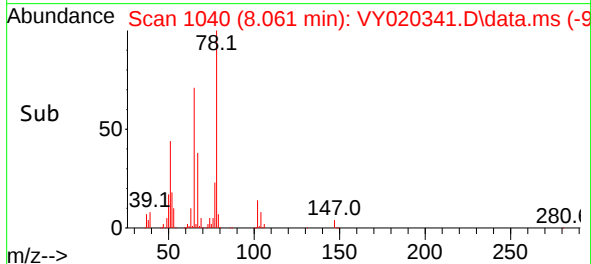
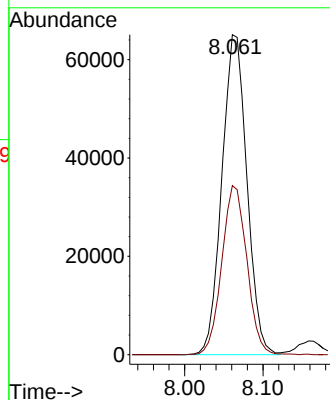
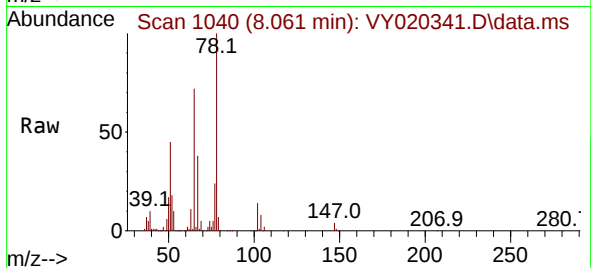
ClientSampleId :

Tgt Ion: 65 Resp: 144497

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

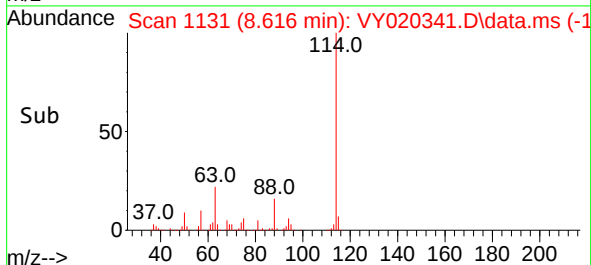
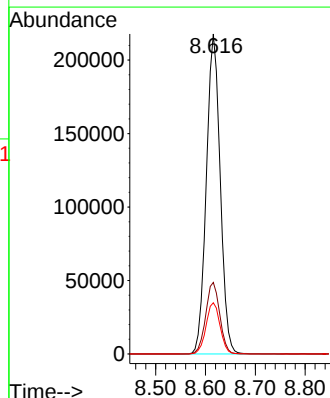
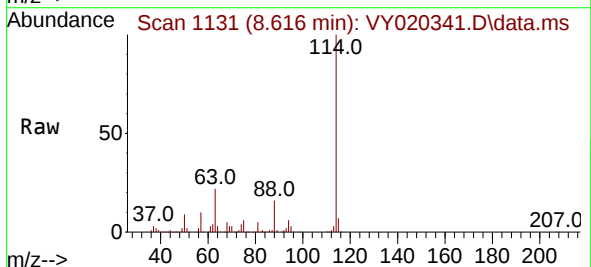
Tgt Ion: 114 Resp: 420316

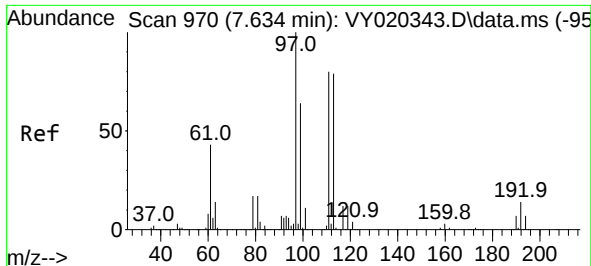
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.8

88 16.0 0.0 32.0

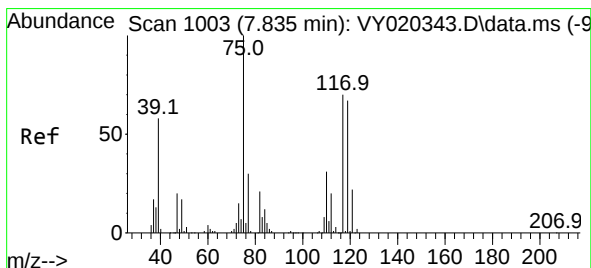
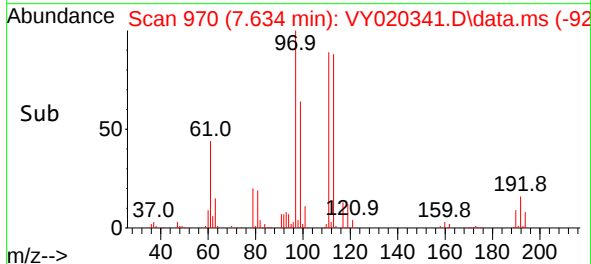
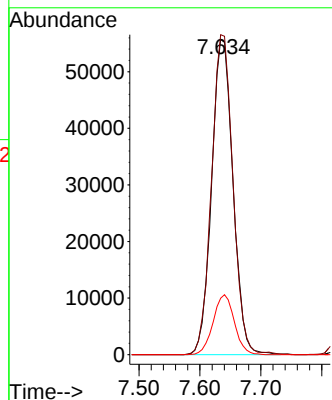
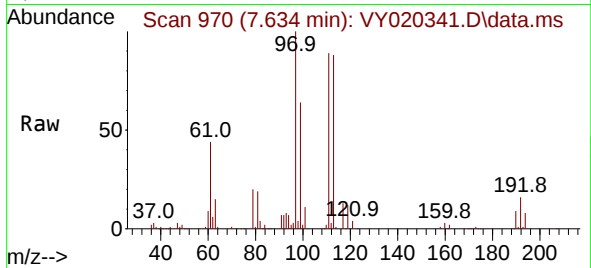




#35
Dibromofluoromethane
Concen: 50.315 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

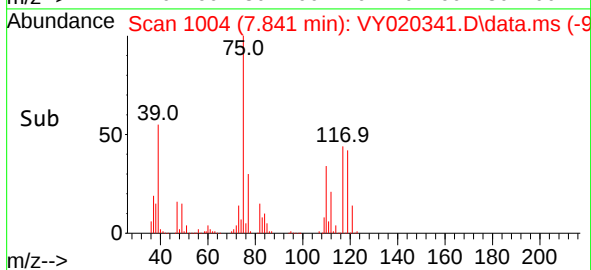
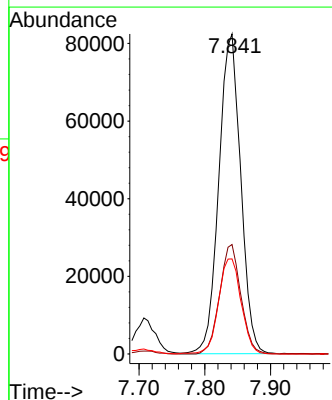
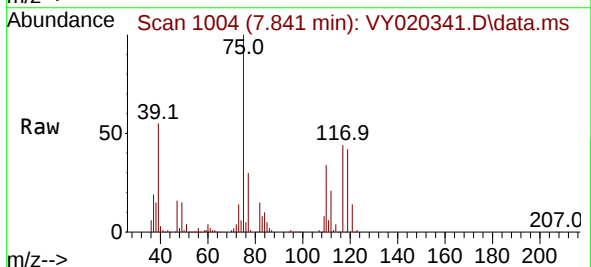
Instrument :
MSVOA_Y
ClientSampleId :

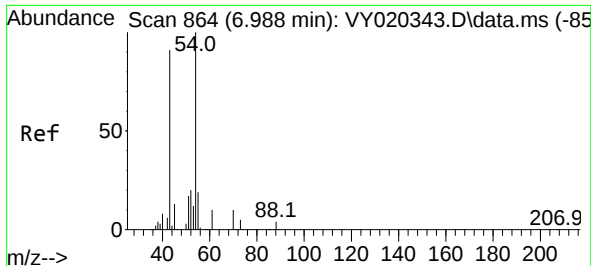
Tgt Ion:113 Resp: 135608
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 18.9 15.1 22.7



#36
1,1-Dichloropropene
Concen: 46.316 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 75 Resp: 190663
Ion Ratio Lower Upper
75 100
110 33.3 16.7 50.0
77 30.7 24.6 36.8





#37

Ethyl Acetate

Concen: 46.422 ug/l

RT: 6.988 min Scan# 8

Delta R.T. 0.000 min

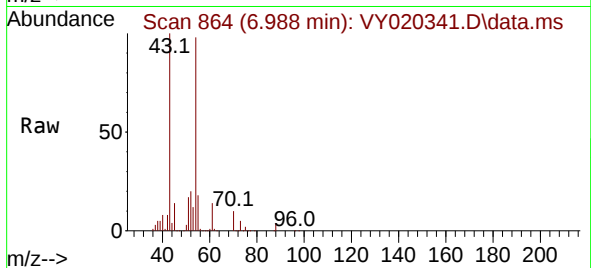
Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

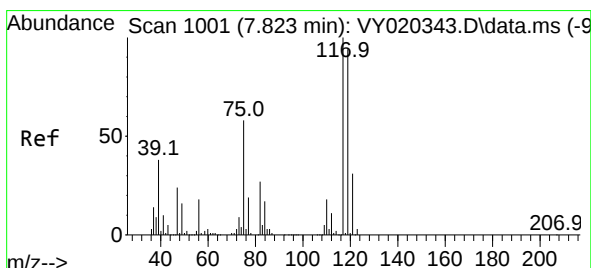
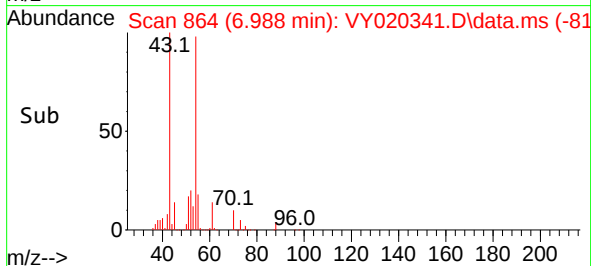
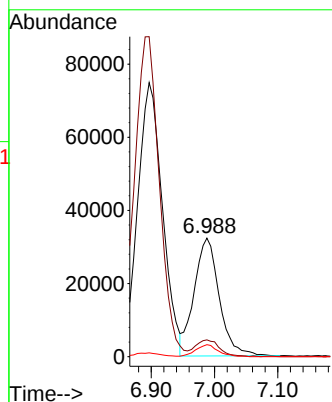
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	89102
Ion Ratio	Lower	Upper	
43	100		
61	13.4	10.7	16.1
70	9.1	7.3	10.9



#38

Carbon Tetrachloride

Concen: 46.725 ug/l

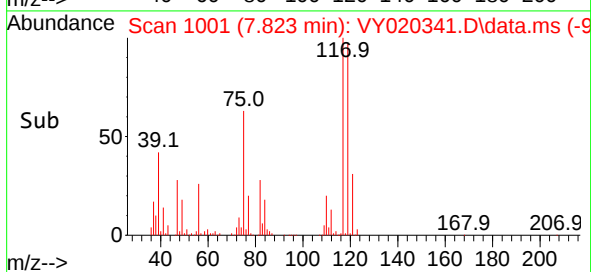
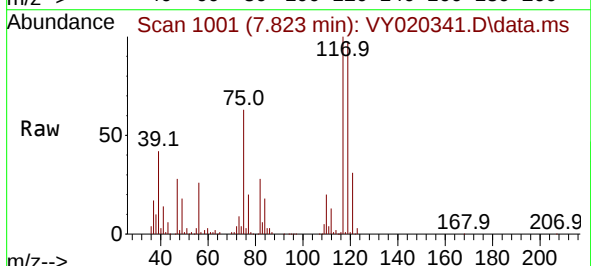
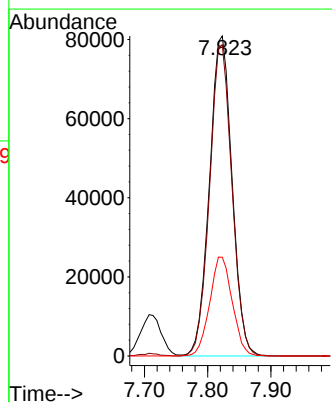
RT: 7.823 min Scan# 1001

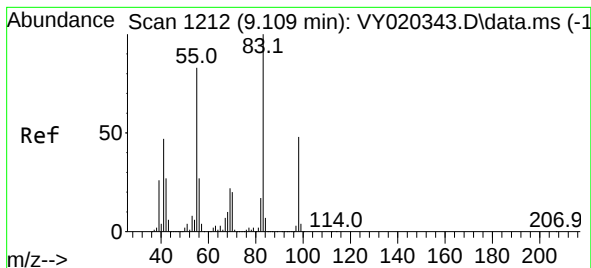
Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Tgt Ion:	117	Resp:	200826
Ion Ratio	Lower	Upper	
117	100		
119	97.2	77.8	116.6
121	30.8	24.6	37.0





#39

Methylcyclohexane

Concen: 47.559 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

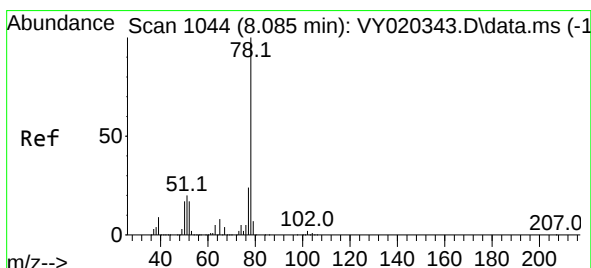
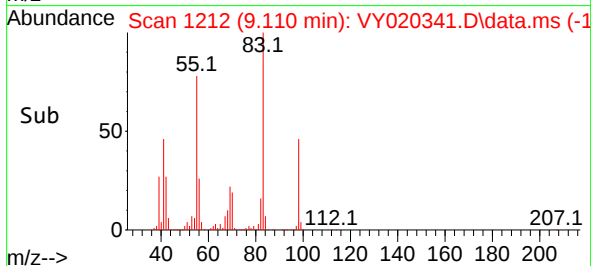
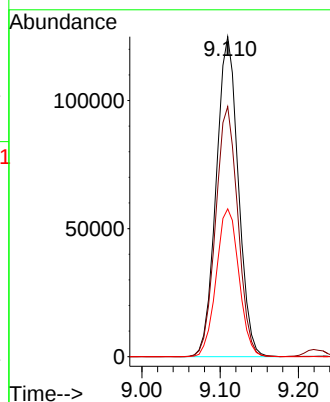
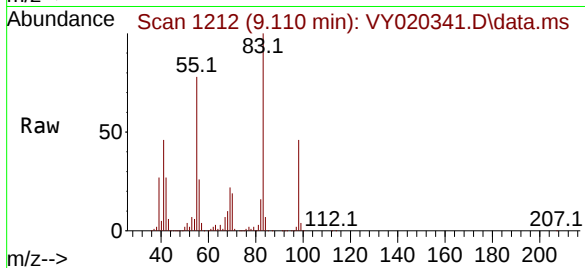
Tgt Ion: 83 Resp: 245019

Ion Ratio Lower Upper

83 100

55 78.2 62.6 93.8

98 46.2 37.0 55.4



#40

Benzene

Concen: 46.974 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020341.D

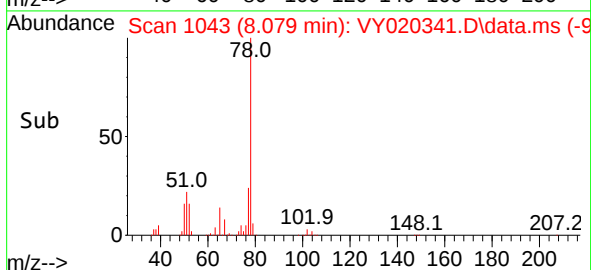
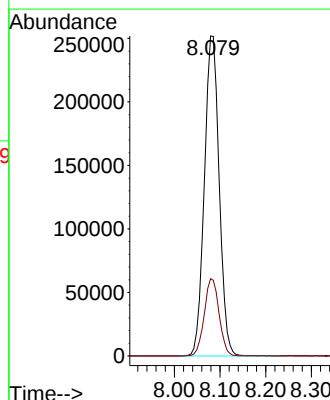
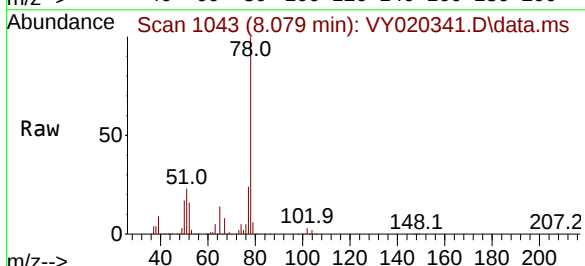
Acq: 19 Nov 2024 16:57

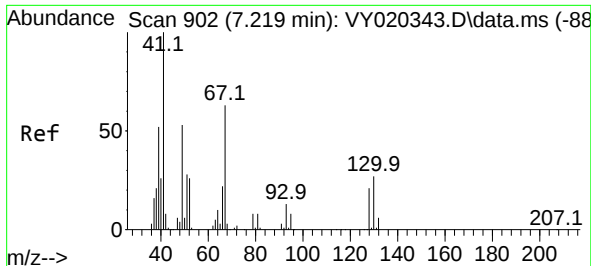
Tgt Ion: 78 Resp: 566676

Ion Ratio Lower Upper

78 100

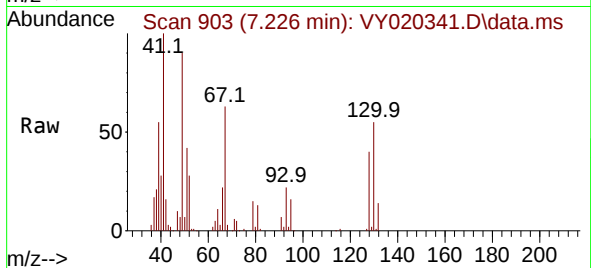
77 24.2 19.4 29.0



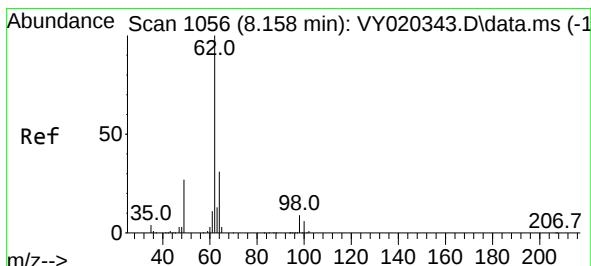
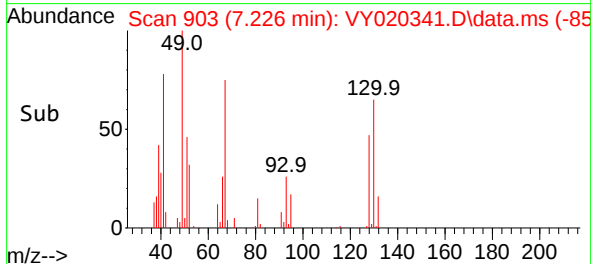
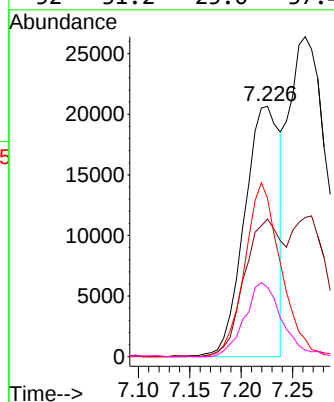


#41
Methacrylonitrile
Concen: 46.047 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Instrument :
MSVOA_Y
ClientSampleId :

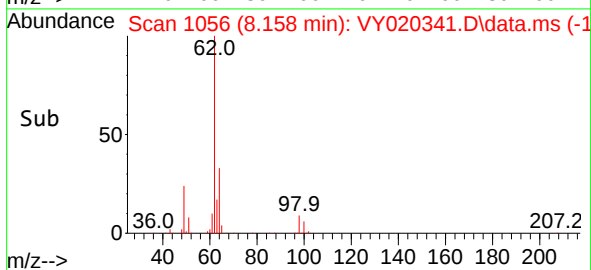
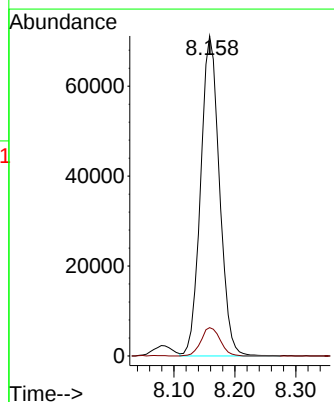
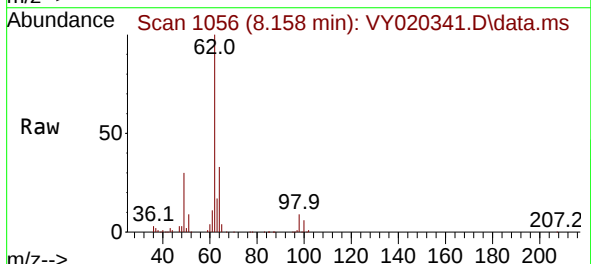


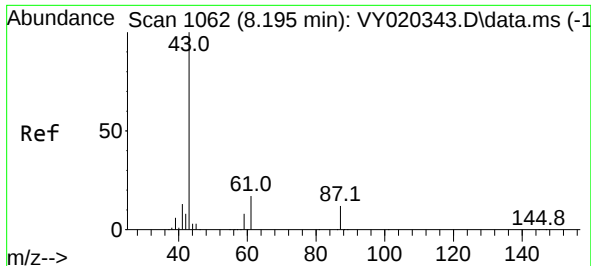
Tgt Ion:	41	Resp:	49407
Ion	Ratio	Lower	Upper
41	100		
39	61.2	49.0	73.4
67	71.4	57.1	85.7
52	31.2	25.0	37.4



#42
1,2-Dichloroethane
Concen: 46.970 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion:	62	Resp:	152946
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	18.0





#43

Isopropyl Acetate

Concen: 48.484 ug/l

RT: 8.195 min Scan# 1062

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

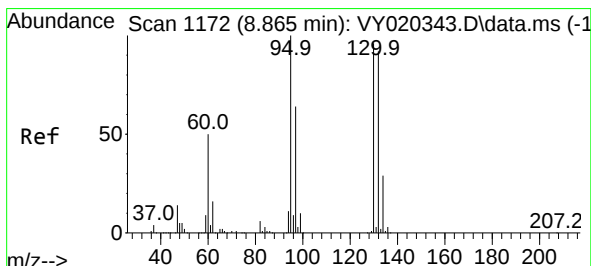
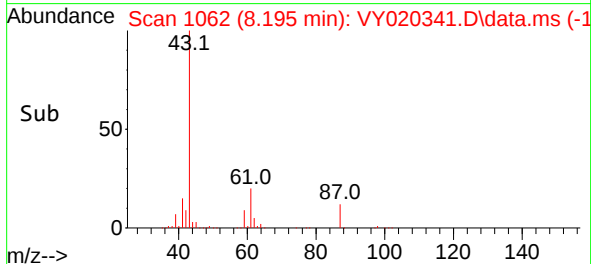
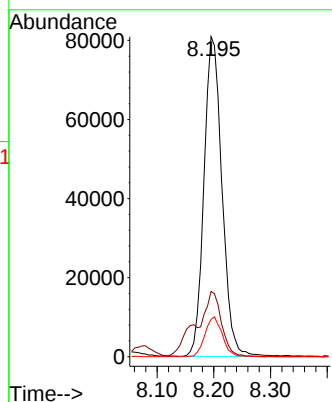
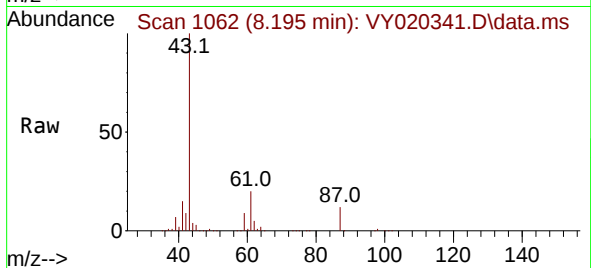
Tgt Ion: 43 Resp: 177802

Ion Ratio Lower Upper

43 100

61 28.5 22.8 34.2

87 12.0 9.6 14.4



#44

Trichloroethene

Concen: 47.083 ug/l

RT: 8.866 min Scan# 1172

Delta R.T. 0.000 min

Lab File: VY020341.D

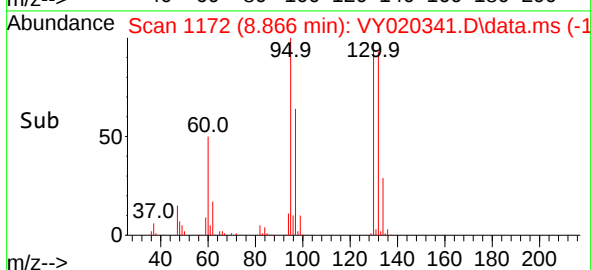
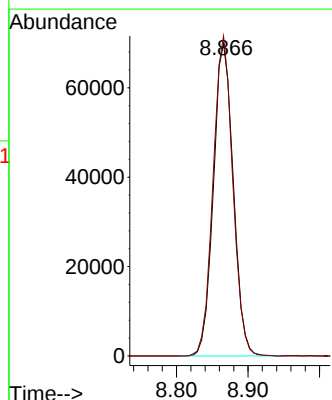
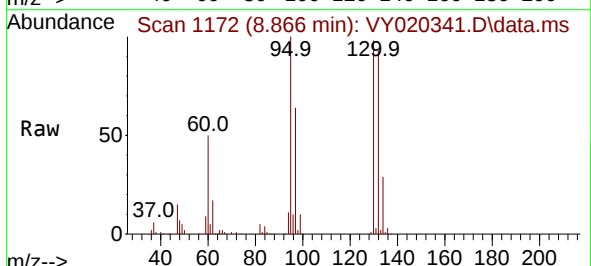
Acq: 19 Nov 2024 16:57

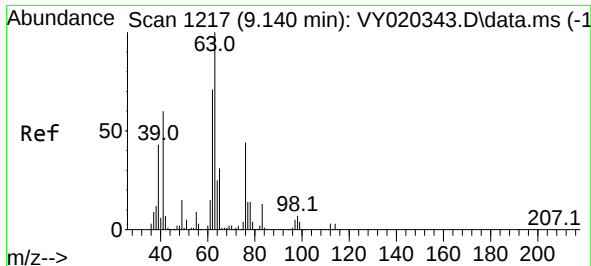
Tgt Ion:130 Resp: 134577

Ion Ratio Lower Upper

130 100

95 102.4 0.0 204.8





#45

1,2-Dichloropropane

Concen: 46.606 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

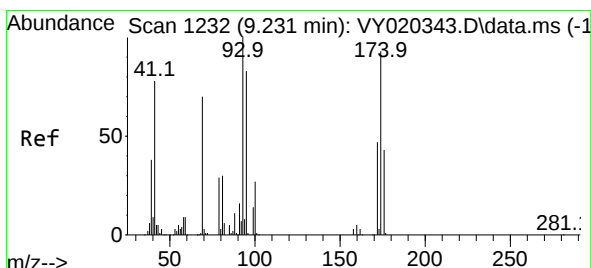
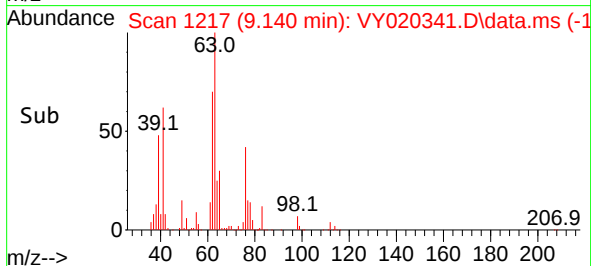
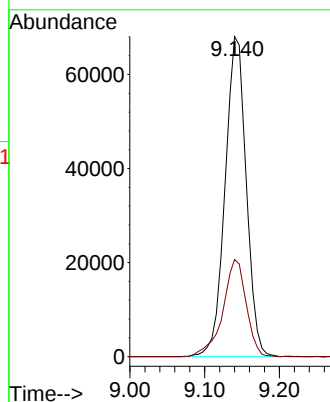
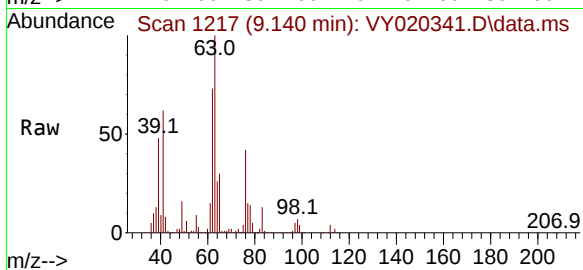
ClientSampleId :

Tgt Ion: 63 Resp: 134142

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#46

Dibromomethane

Concen: 48.950 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

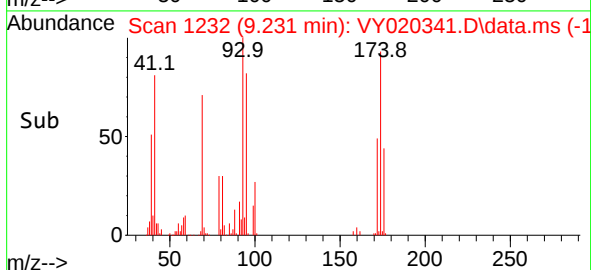
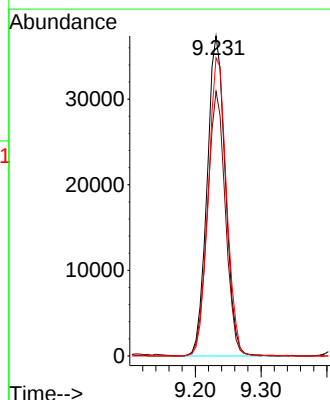
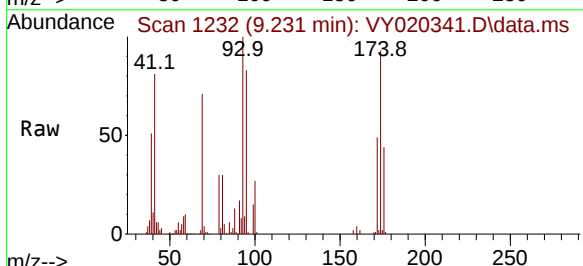
Tgt Ion: 93 Resp: 72212

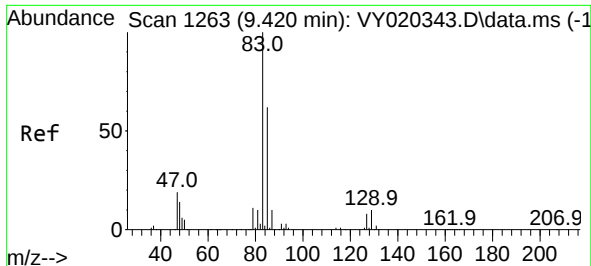
Ion Ratio Lower Upper

93 100

95 81.6 65.3 97.9

174 93.0 74.4 111.6

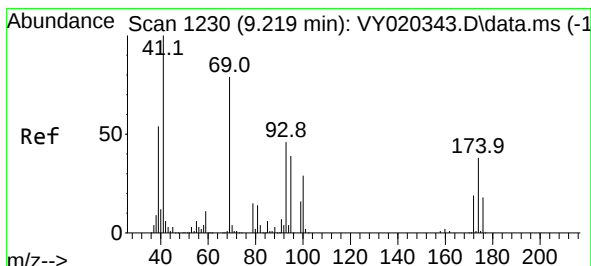
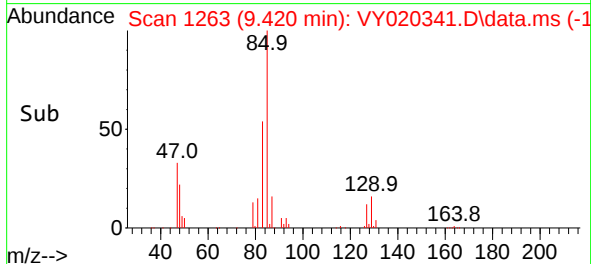
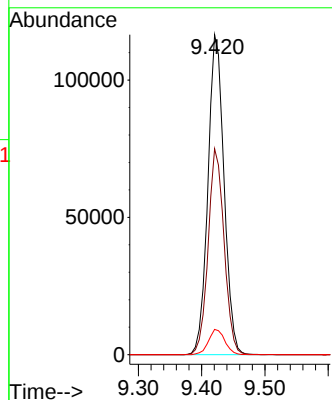
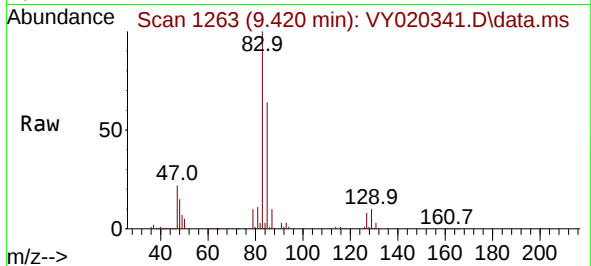




#47
Bromodichloromethane
Concen: 50.729 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

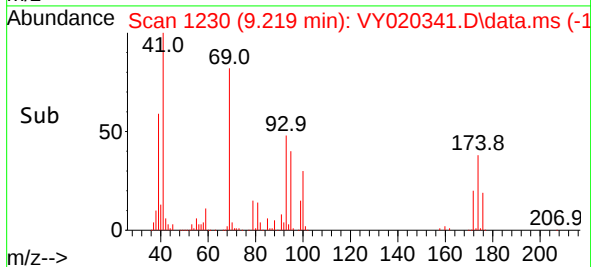
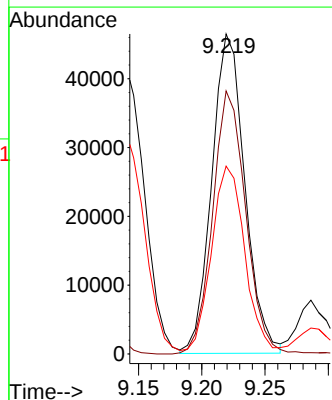
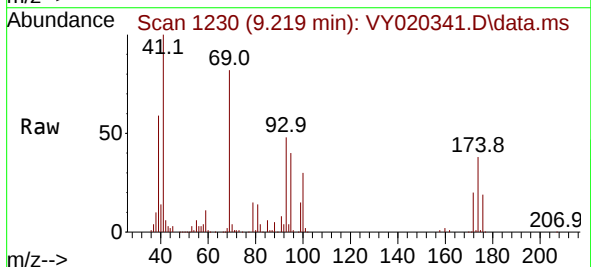
Instrument :
MSVOA_Y
ClientSampleId :

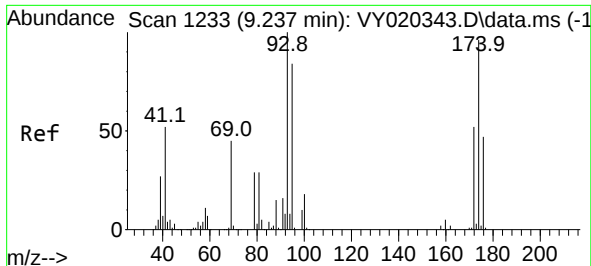
Tgt Ion: 83 Resp: 206587
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.2
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 48.140 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 41 Resp: 84404
Ion Ratio Lower Upper
41 100
69 82.6 66.1 99.1
39 57.5 46.0 69.0





#49

1,4-Dioxane

Concen: 972.312 ug/l

RT: 9.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

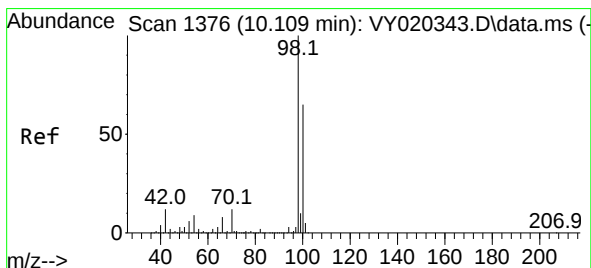
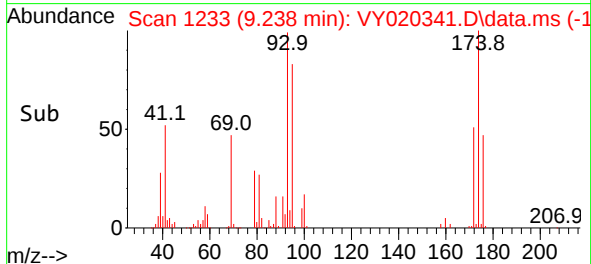
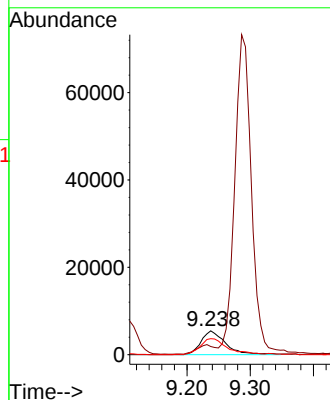
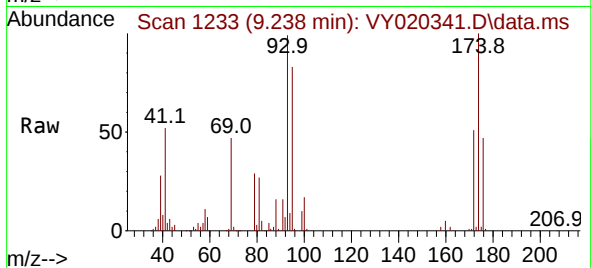
Tgt Ion: 88 Resp: 14757

Ion Ratio Lower Upper

88 100

43 30.8 24.6 37.0

58 74.5 59.6 89.4



#50

Toluene-d8

Concen: 55.332 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020341.D

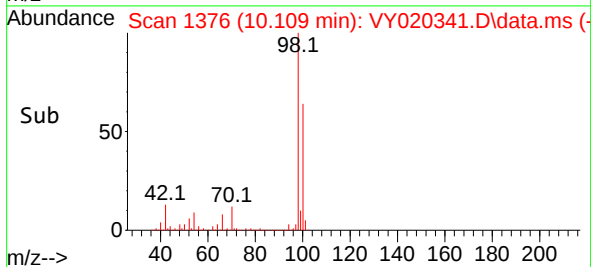
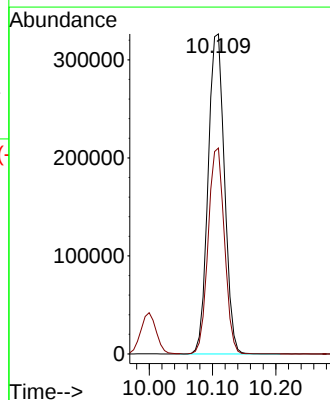
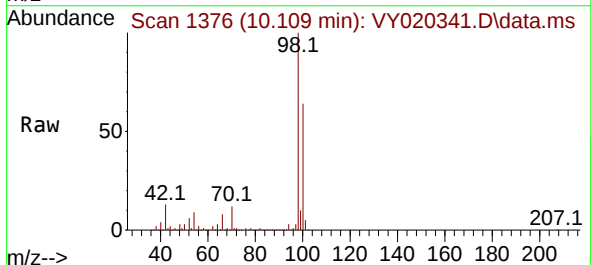
Acq: 19 Nov 2024 16:57

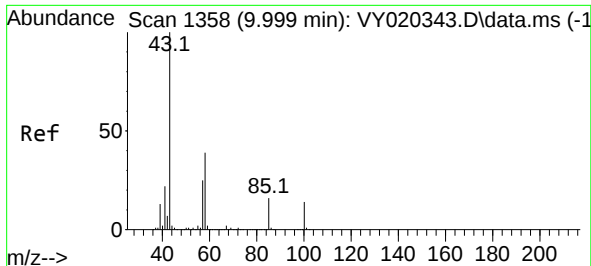
Tgt Ion: 98 Resp: 587453

Ion Ratio Lower Upper

98 100

100 64.1 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 277.407 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

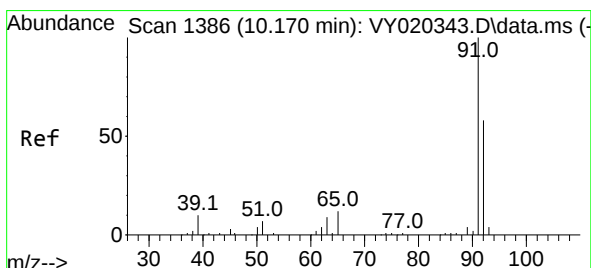
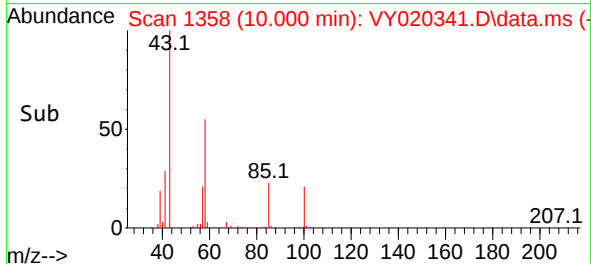
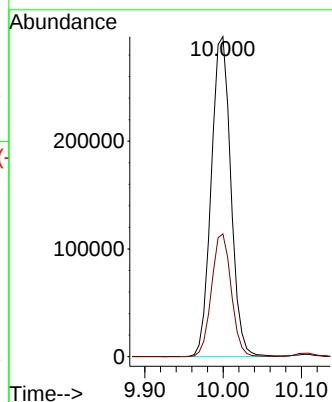
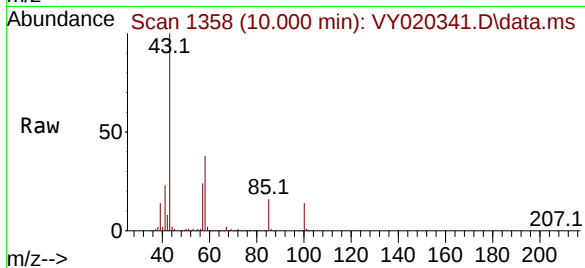
ClientSampleId :

Tgt Ion: 43 Resp: 516270

Ion Ratio Lower Upper

43 100

58 38.6 30.9 46.3



#52

Toluene

Concen: 48.435 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020341.D

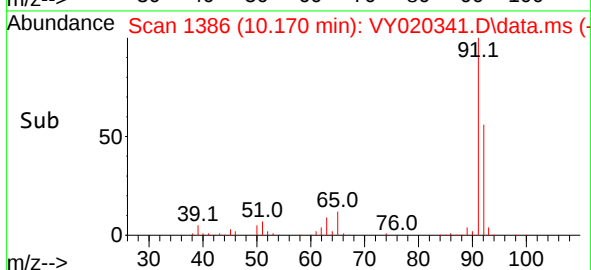
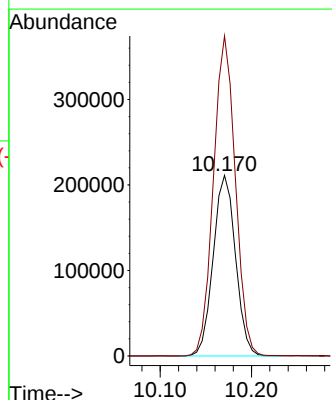
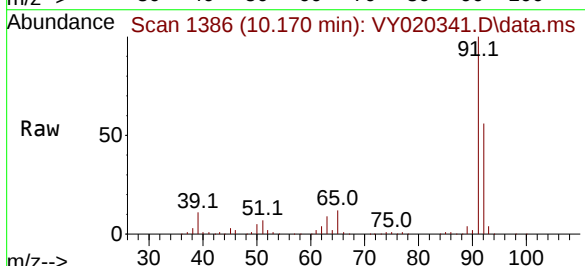
Acq: 19 Nov 2024 16:57

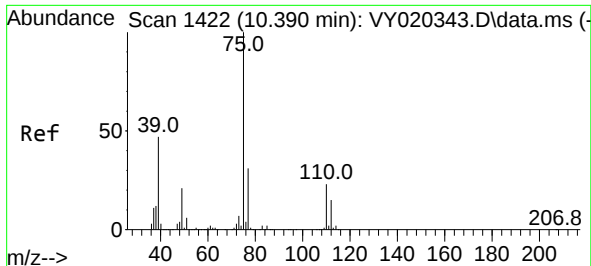
Tgt Ion: 92 Resp: 357134

Ion Ratio Lower Upper

92 100

91 174.6 139.7 209.5





#53

t-1,3-Dichloropropene

Concen: 48.898 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

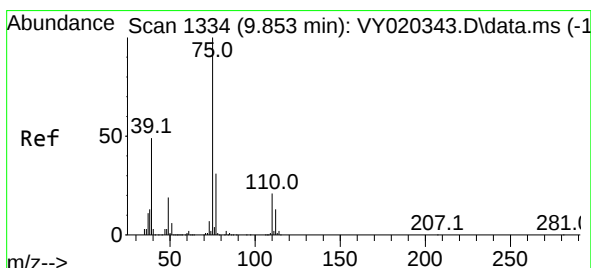
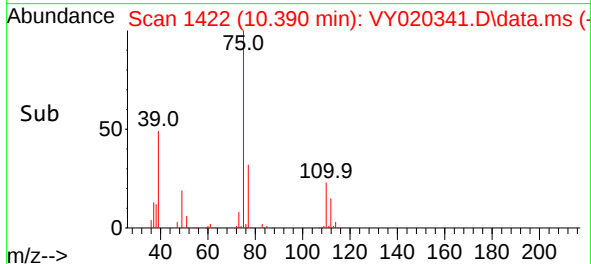
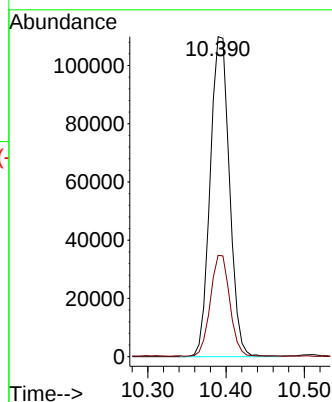
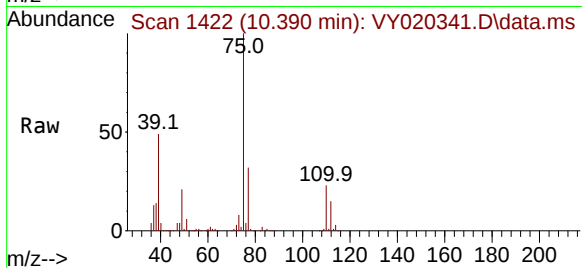
ClientSampleId :

Tgt Ion: 75 Resp: 188307

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.156 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

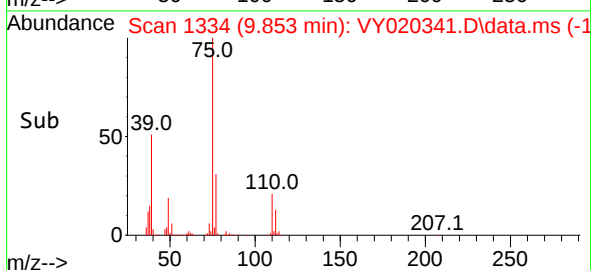
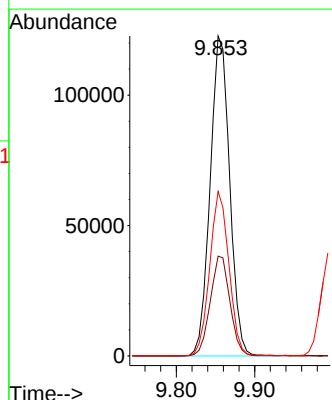
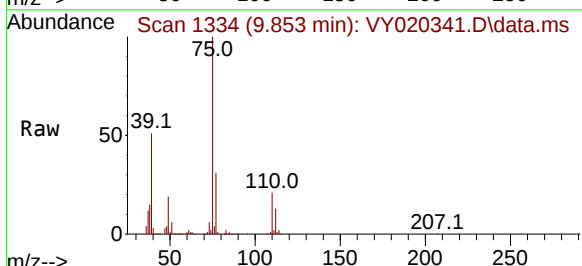
Tgt Ion: 75 Resp: 212293

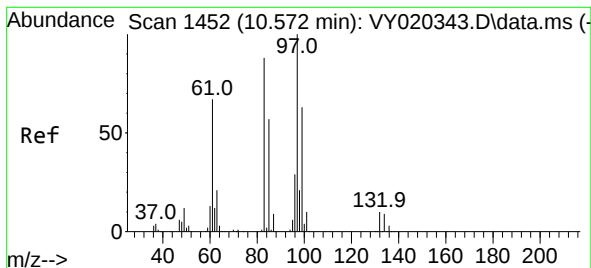
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 51.3 41.0 61.6





#55

1,1,2-Trichloroethane

Concen: 46.957 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 91951

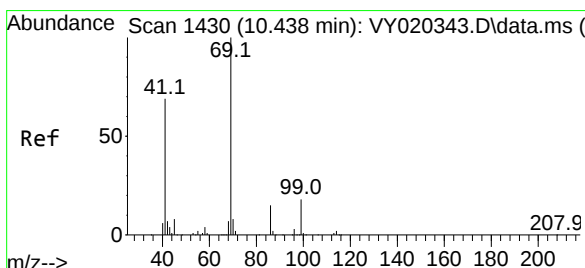
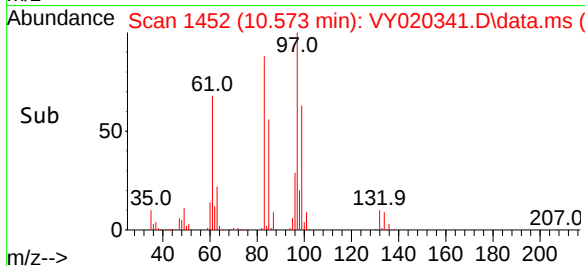
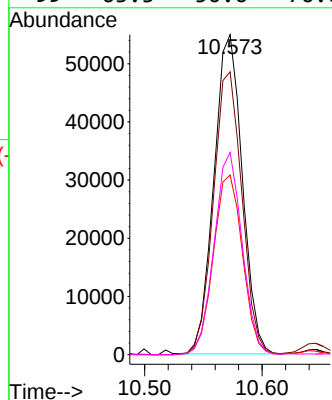
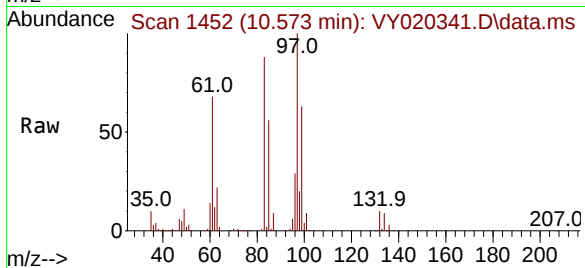
Ion Ratio Lower Upper

97 100

83 88.5 70.8 106.2

85 56.1 44.9 67.3

99 63.3 50.6 76.0



#56

Ethyl methacrylate

Concen: 50.661 ug/l

RT: 10.439 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

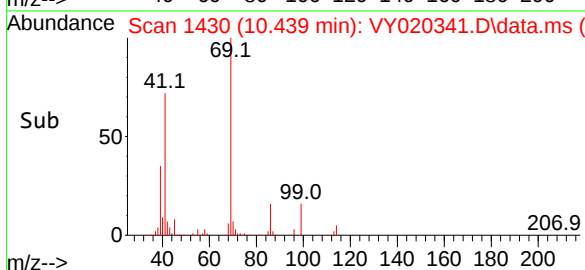
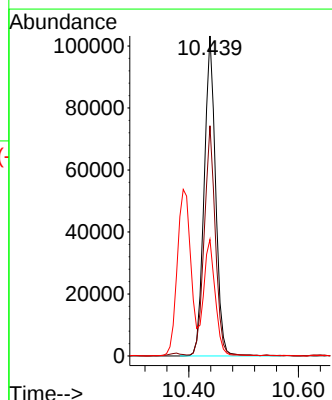
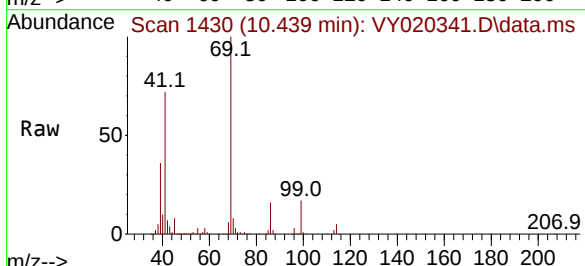
Tgt Ion: 69 Resp: 148986

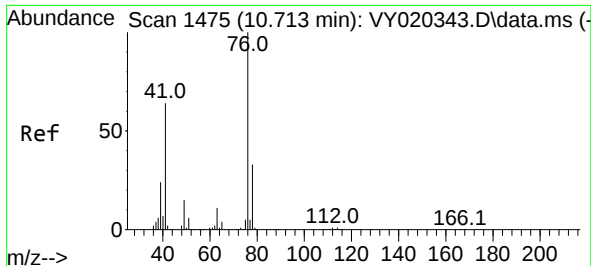
Ion Ratio Lower Upper

69 100

41 70.1 56.1 84.1

39 37.1 29.7 44.5





#57

1,3-Dichloropropane

Concen: 49.817 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

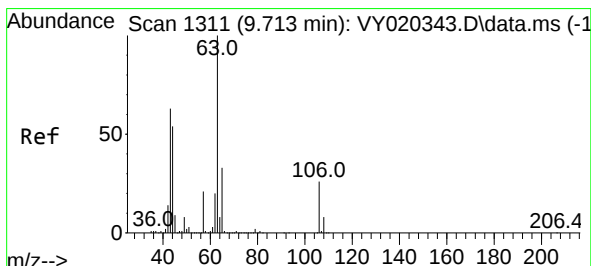
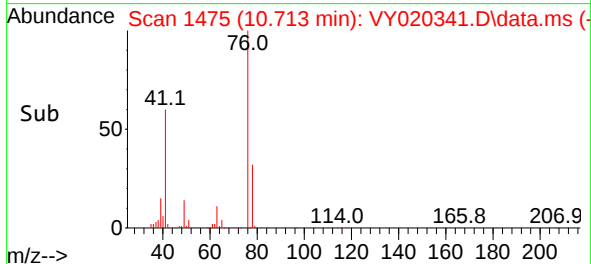
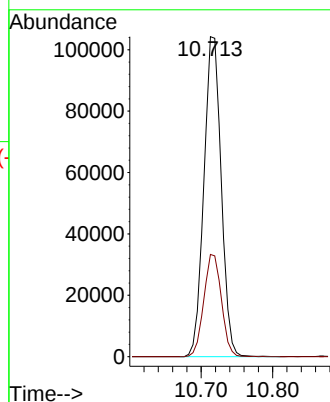
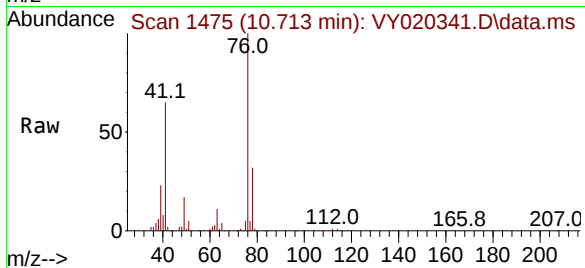
ClientSampleId :

Tgt Ion: 76 Resp: 175316

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 235.811 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY020341.D

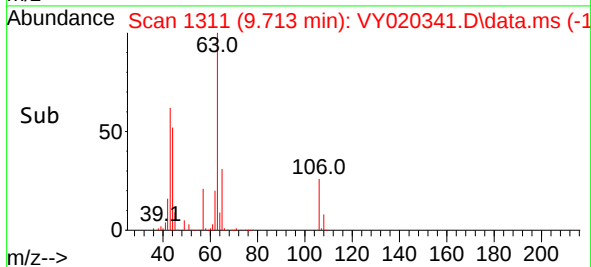
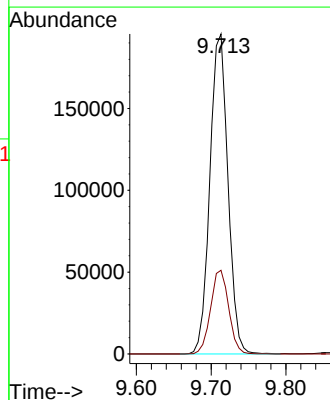
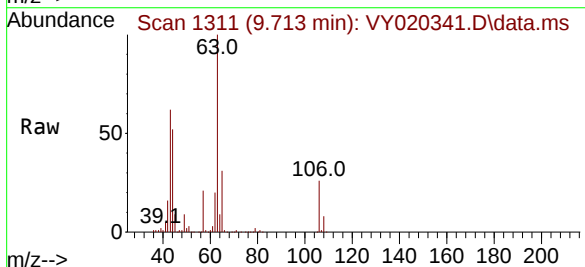
Acq: 19 Nov 2024 16:57

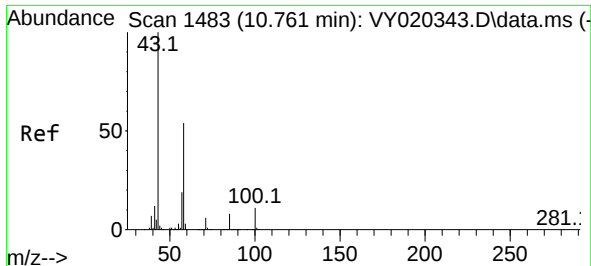
Tgt Ion: 63 Resp: 328825

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4

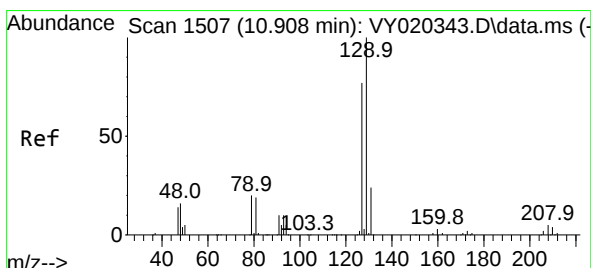
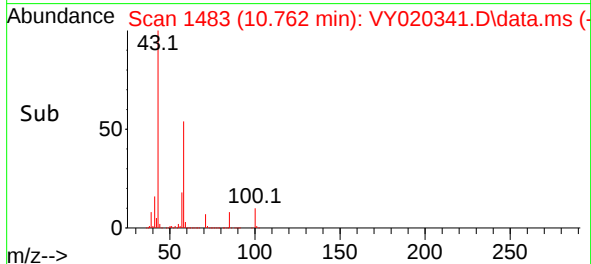
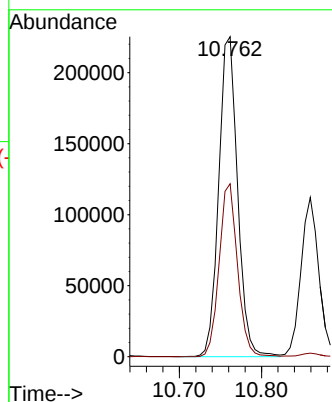
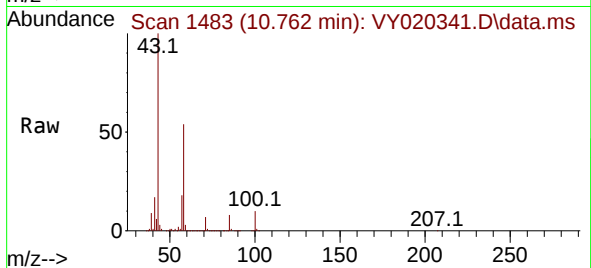




#59
2-Hexanone
Concen: 272.258 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

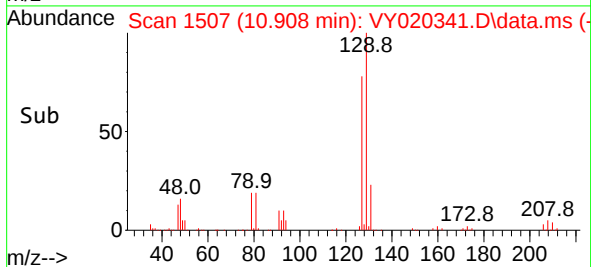
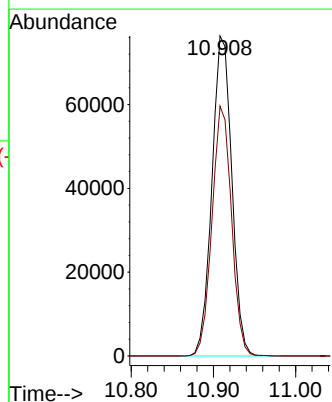
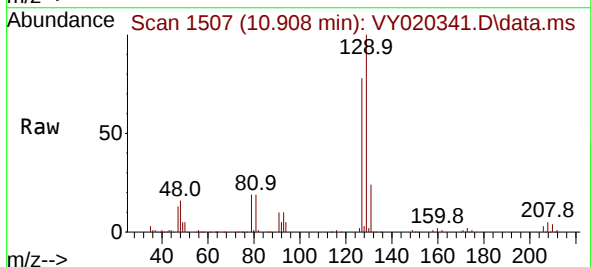
Instrument :
MSVOA_Y
ClientSampleId :

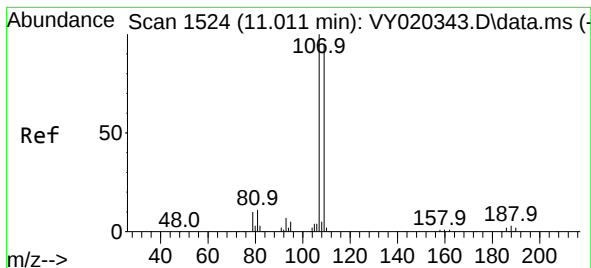
Tgt Ion: 43 Resp: 358788
Ion Ratio Lower Upper
43 100
58 52.8 26.4 79.2



#60
Dibromochloromethane
Concen: 50.796 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion:129 Resp: 128210
Ion Ratio Lower Upper
129 100
127 76.6 38.3 114.9





#61

1,2-Dibromoethane

Concen: 50.347 ug/l

RT: 11.012 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

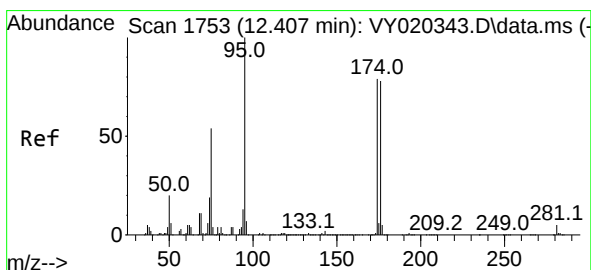
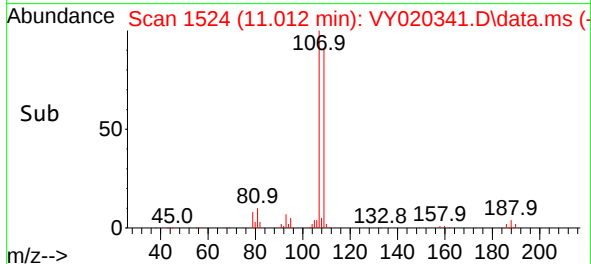
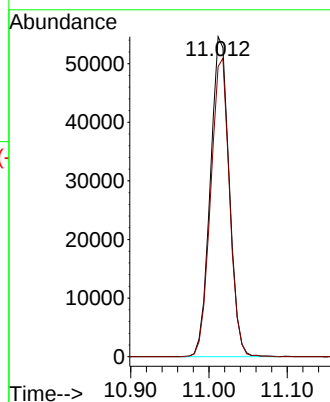
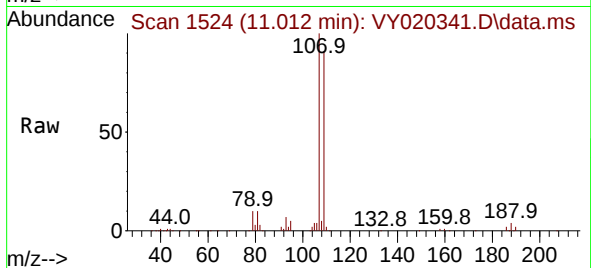
ClientSampleId :

Tgt Ion:107 Resp: 91358

Ion Ratio Lower Upper

107 100

109 93.2 74.6 111.8



#62

4-Bromofluorobenzene

Concen: 52.998 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

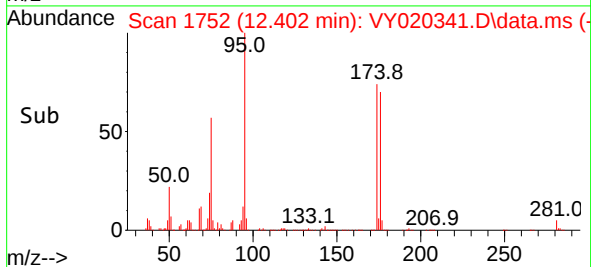
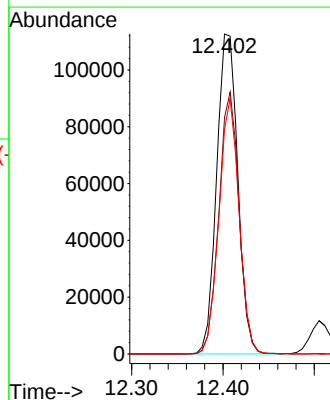
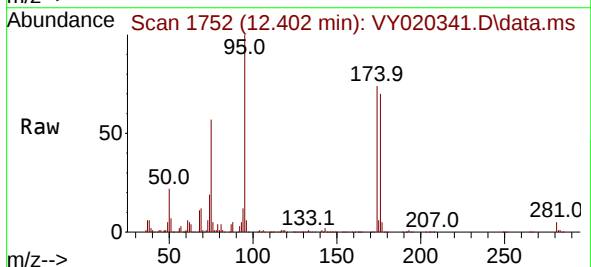
Tgt Ion: 95 Resp: 180882

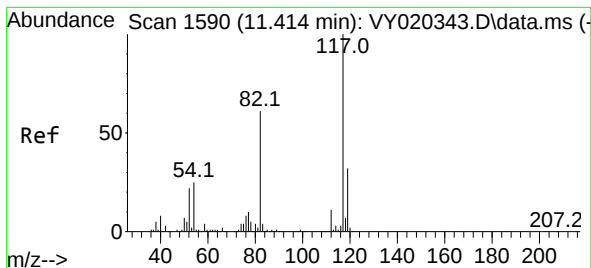
Ion Ratio Lower Upper

95 100

174 78.4 0.0 156.8

176 76.0 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

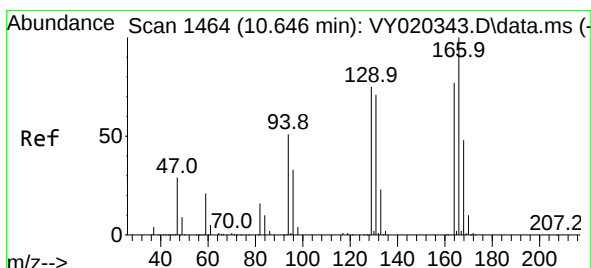
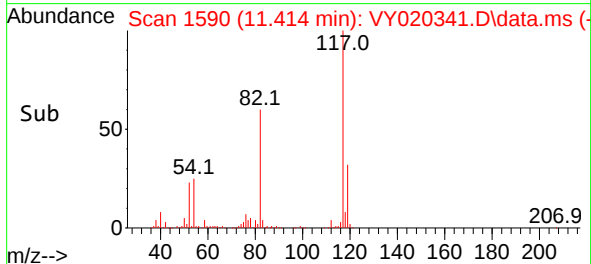
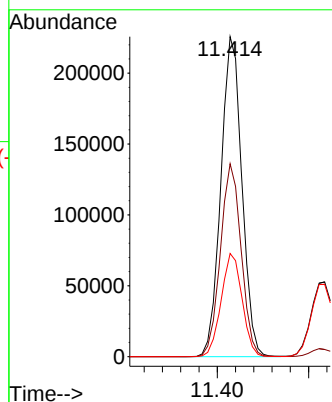
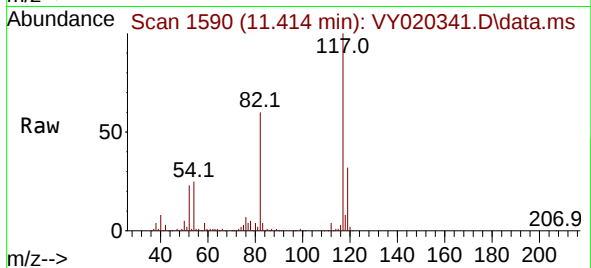
Tgt Ion:117 Resp: 360842

Ion Ratio Lower Upper

117 100

82 60.3 48.2 72.4

119 32.3 25.8 38.8



#64

Tetrachloroethene

Concen: 45.954 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Tgt Ion:164 Resp: 119531

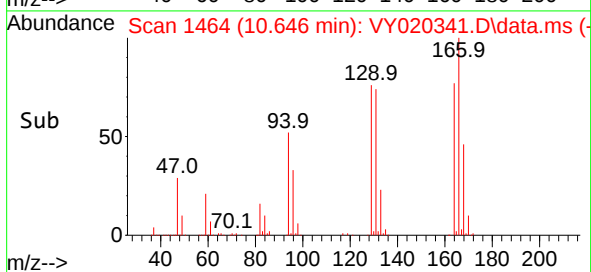
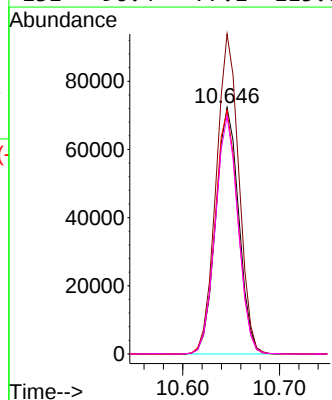
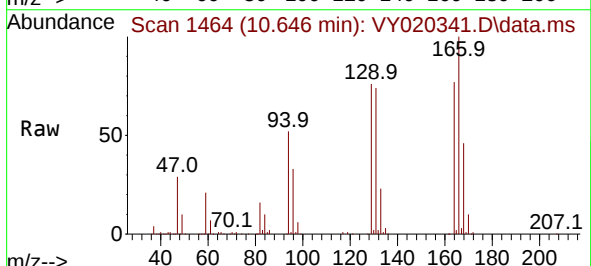
Ion Ratio Lower Upper

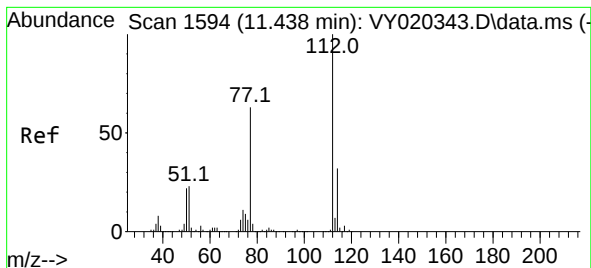
164 100

166 129.8 103.8 155.8

129 98.7 79.0 118.4

131 96.4 77.1 115.7





#65

Chlorobenzene

Concen: 51.322 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

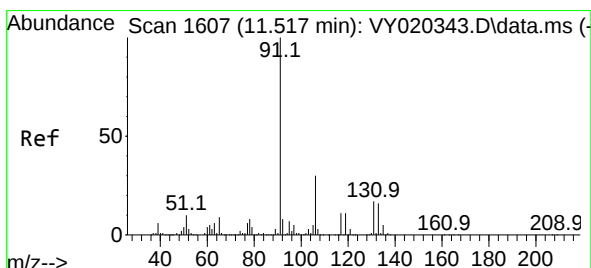
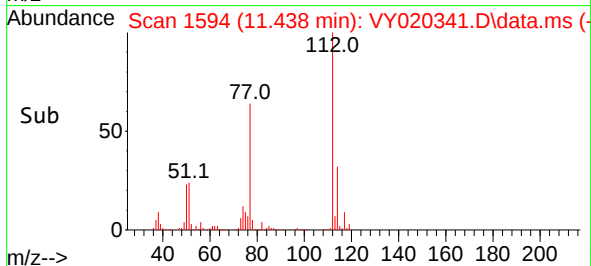
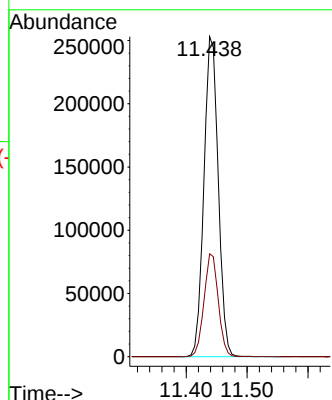
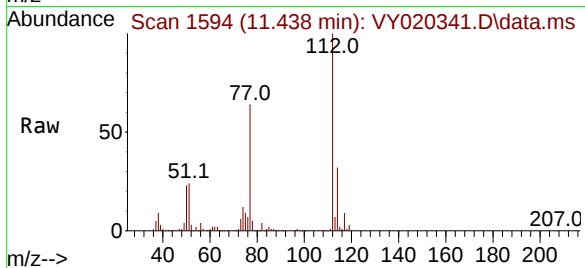
ClientSampleId :

Tgt Ion:112 Resp: 412910

Ion Ratio Lower Upper

112 100

114 32.1 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.598 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

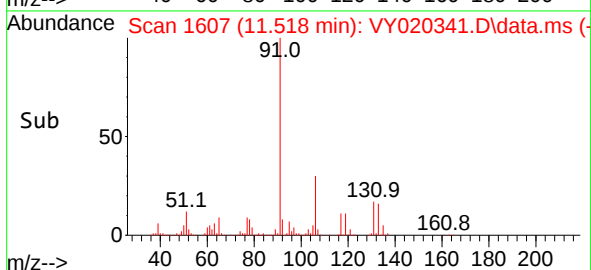
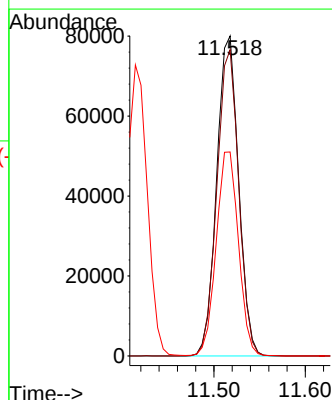
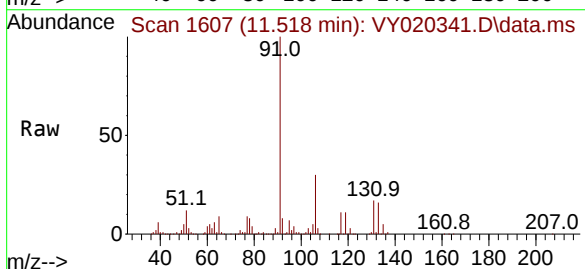
Tgt Ion:131 Resp: 133303

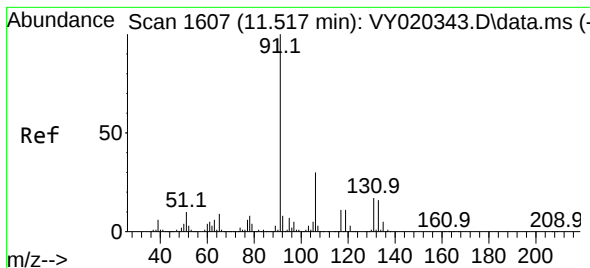
Ion Ratio Lower Upper

131 100

133 95.5 47.8 143.3

119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 49.862 ug/l

RT: 11.518 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

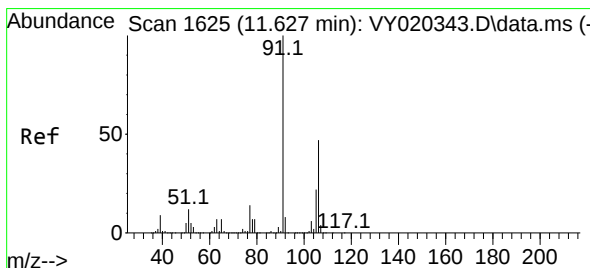
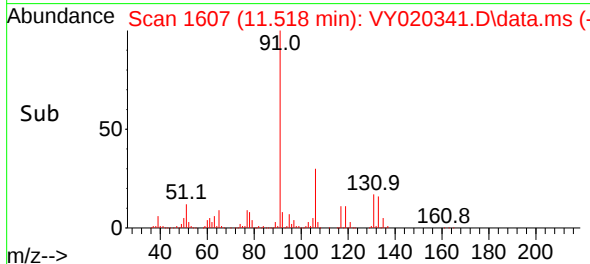
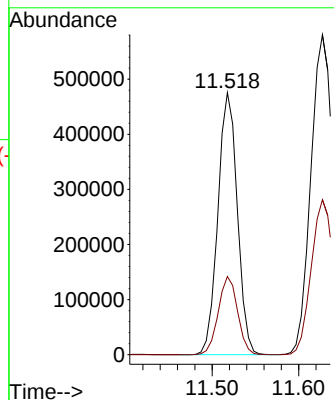
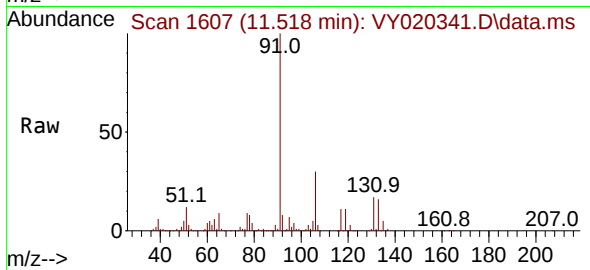
ClientSampleId :

Tgt Ion: 91 Resp: 740094

Ion Ratio Lower Upper

91 100

106 29.9 23.9 35.9



#68

m/p-Xylenes

Concen: 95.509 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY020341.D

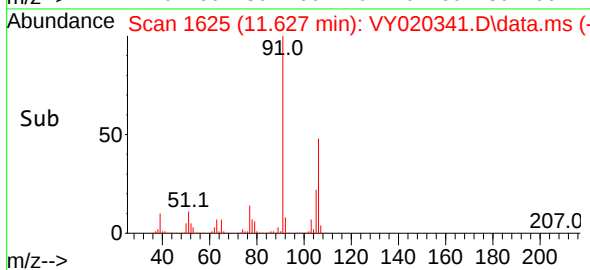
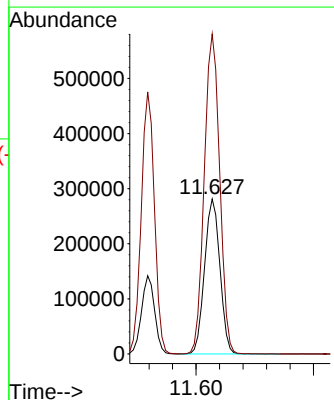
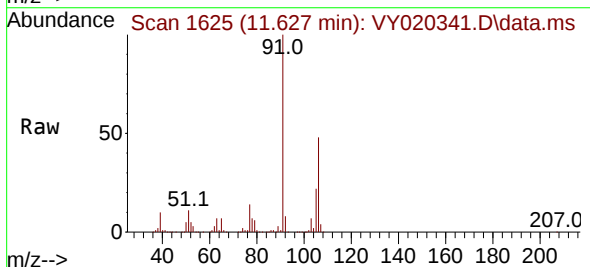
Acq: 19 Nov 2024 16:57

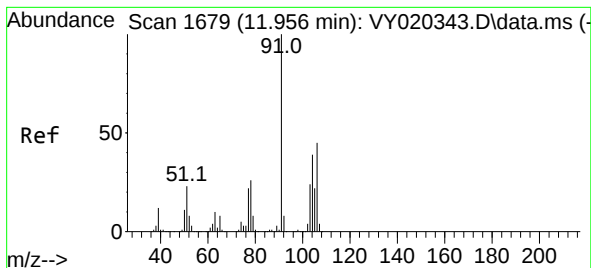
Tgt Ion:106 Resp: 510631

Ion Ratio Lower Upper

106 100

91 207.5 166.0 249.0





#69

o-Xylene

Concen: 47.538 ug/l

RT: 11.957 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

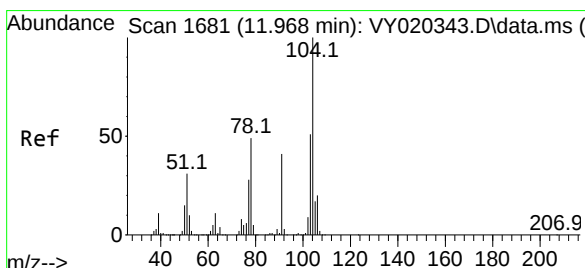
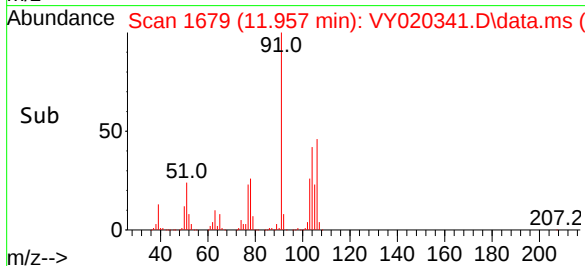
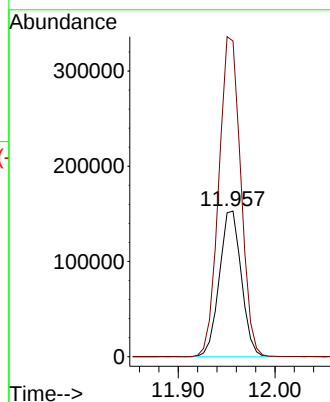
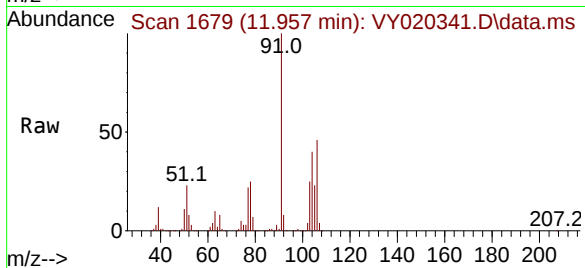
ClientSampleId :

Tgt Ion:106 Resp: 241061

Ion Ratio Lower Upper

106 100

91 220.0 110.0 330.0



#70

Styrene

Concen: 48.436 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

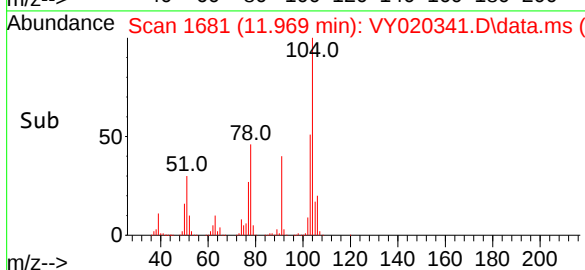
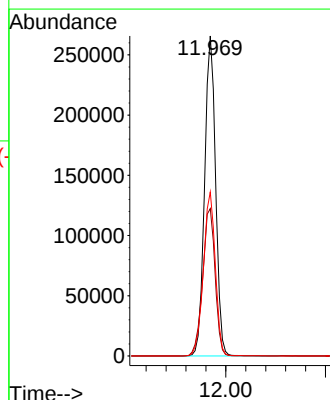
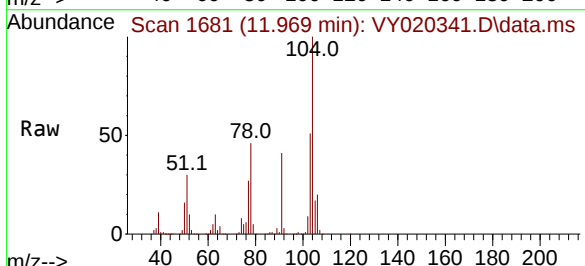
Tgt Ion:104 Resp: 408085

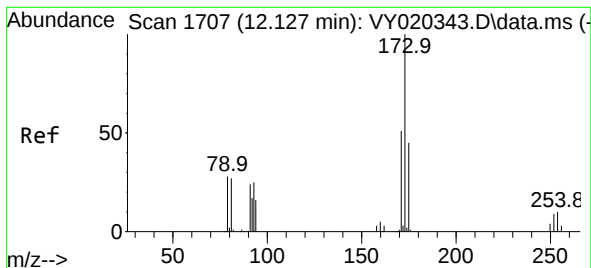
Ion Ratio Lower Upper

104 100

78 51.8 41.4 62.2

103 55.3 44.2 66.4





#71

Bromoform

Concen: 48.591 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

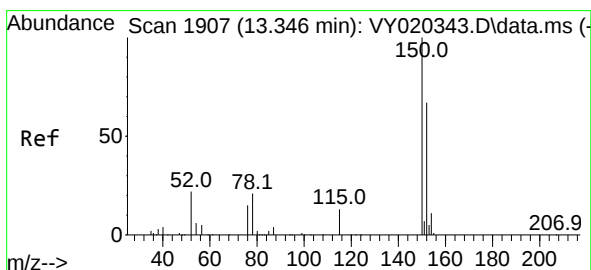
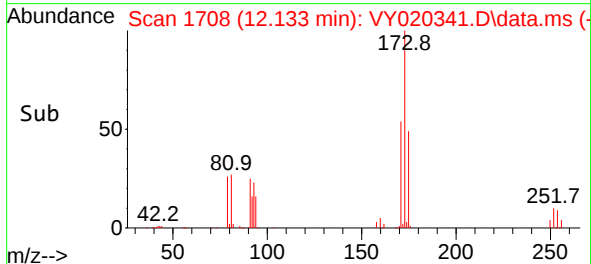
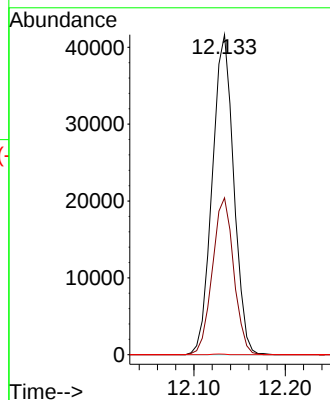
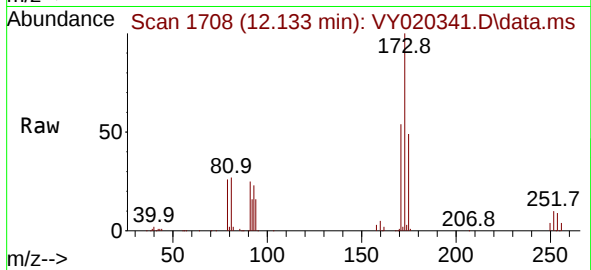
Tgt Ion:173 Resp: 68064

Ion Ratio Lower Upper

173 100

175 48.7 24.3 73.0

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

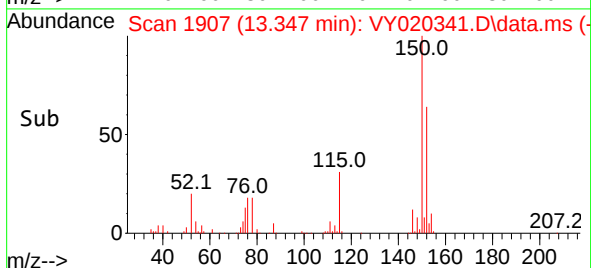
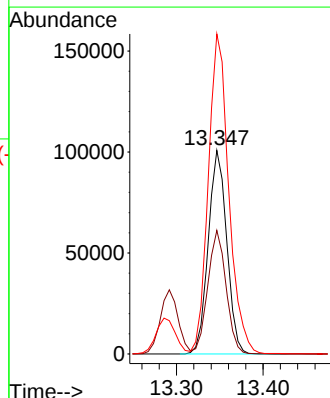
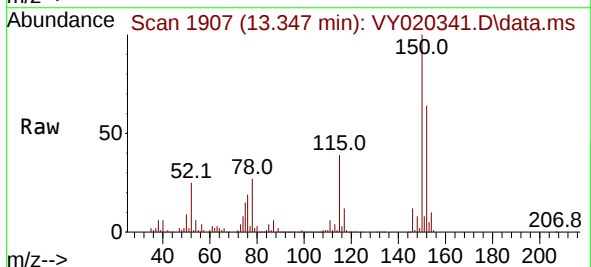
Tgt Ion:152 Resp: 149547

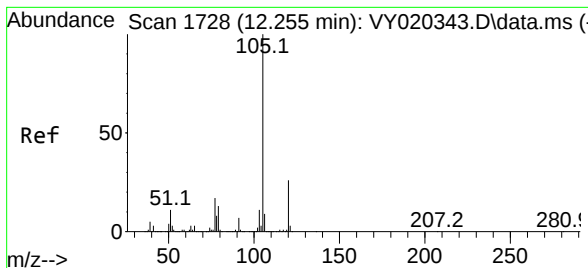
Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 174.1 0.0 348.2





#73

Isopropylbenzene

Concen: 50.923 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

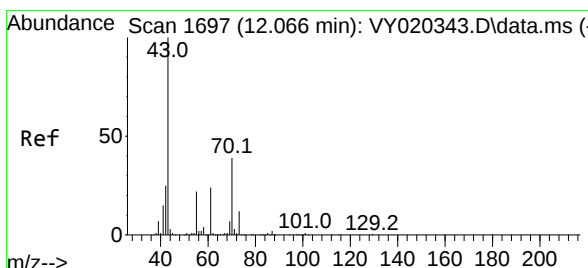
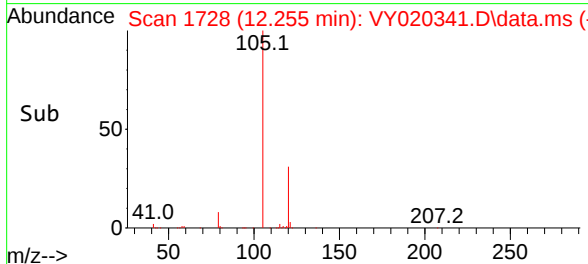
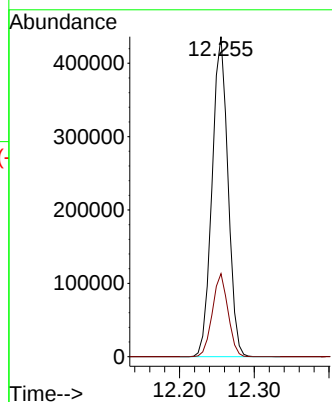
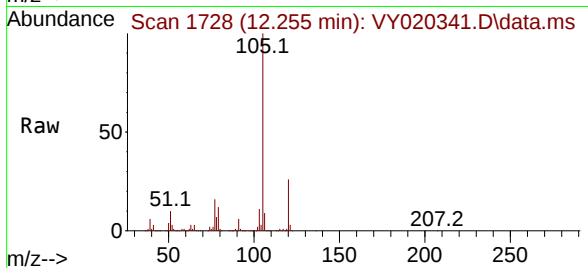
ClientSampleId :

Tgt Ion:105 Resp: 645114

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



#74

N-ethyl acetate

Concen: 53.464 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Tgt Ion: 43 Resp: 163678

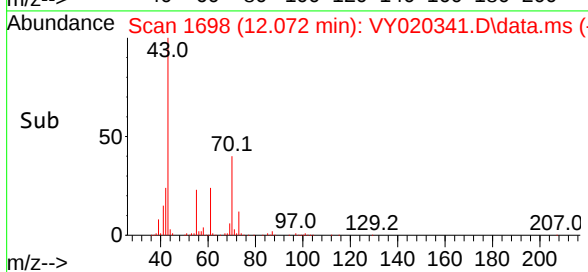
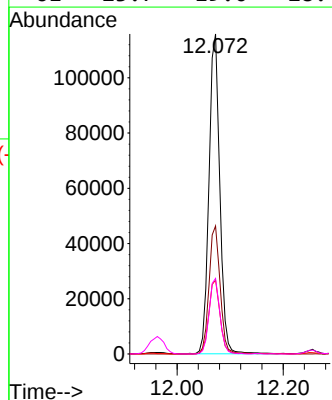
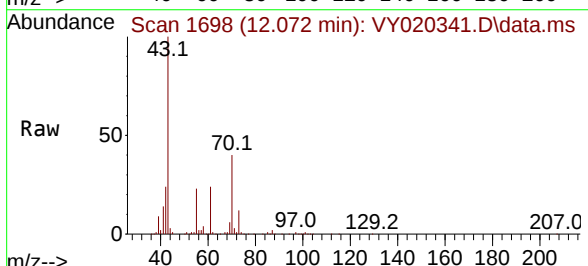
Ion Ratio Lower Upper

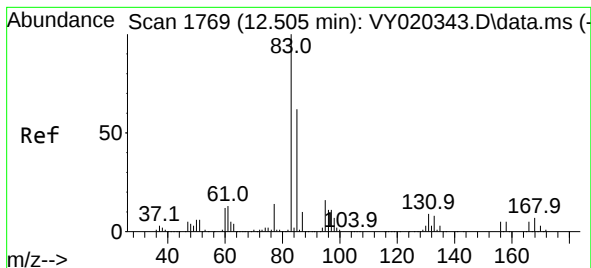
43 100

70 41.1 32.9 49.3

55 24.1 19.3 28.9

61 23.7 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 53.145 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

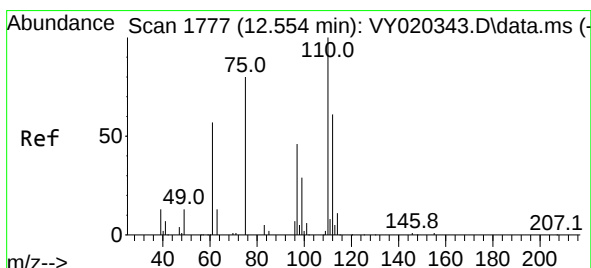
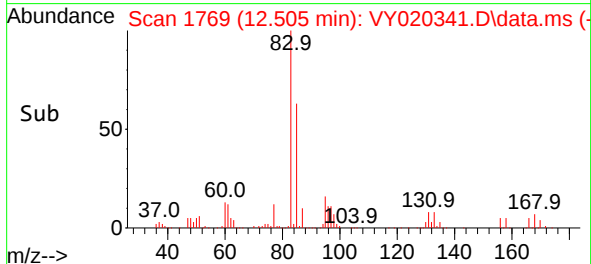
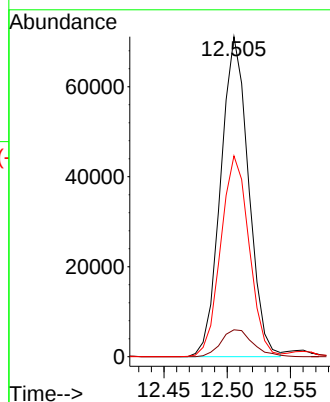
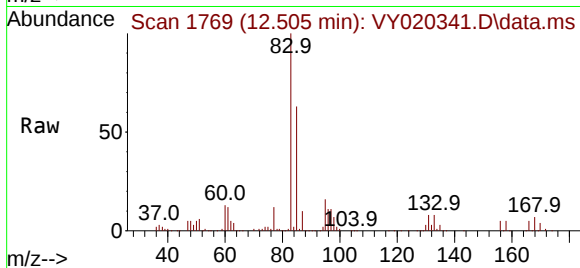
Tgt Ion: 83 Resp: 108812

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.0 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 99.546 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY020341.D

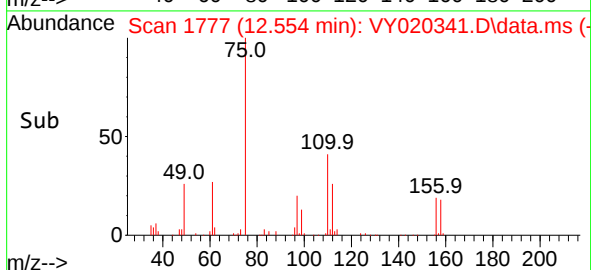
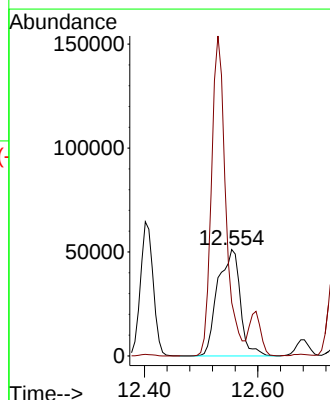
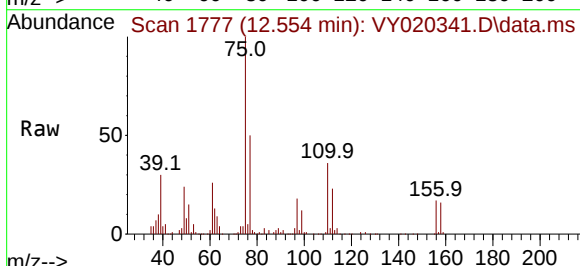
Acq: 19 Nov 2024 16:57

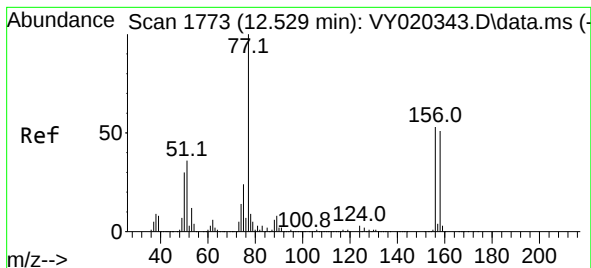
Tgt Ion: 75 Resp: 140750

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.991 ug/l

RT: 12.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

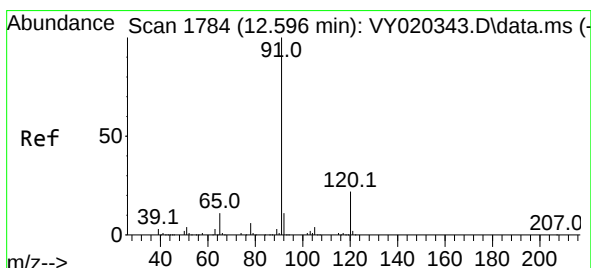
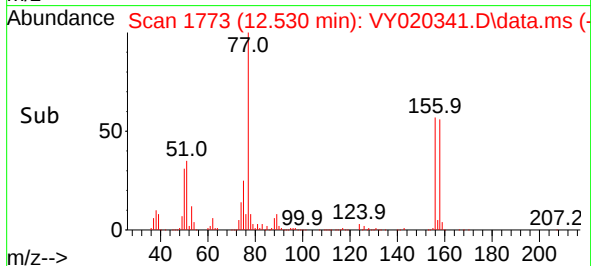
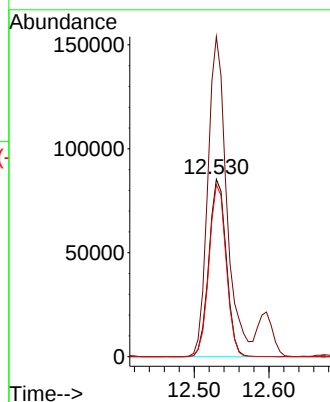
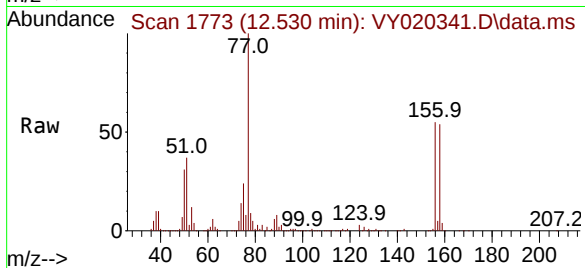
Tgt Ion:156 Resp: 137993

Ion Ratio Lower Upper

156 100

77 194.4 97.2 291.6

158 95.6 47.8 143.4



#78

n-propylbenzene

Concen: 51.134 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020341.D

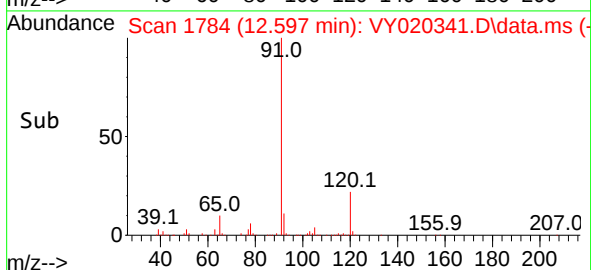
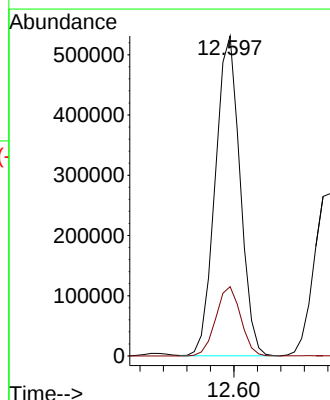
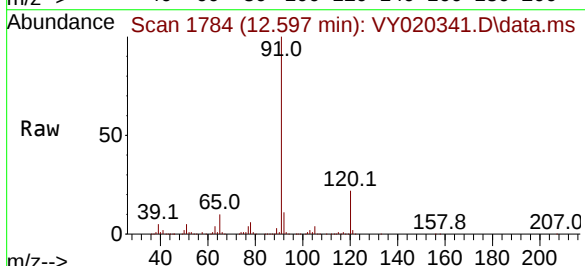
Acq: 19 Nov 2024 16:57

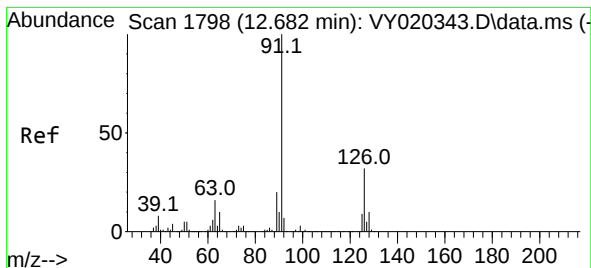
Tgt Ion: 91 Resp: 777424

Ion Ratio Lower Upper

91 100

120 21.7 10.9 32.6

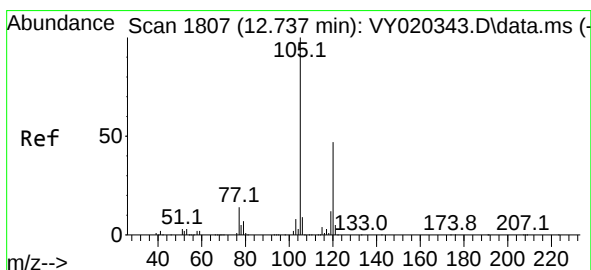
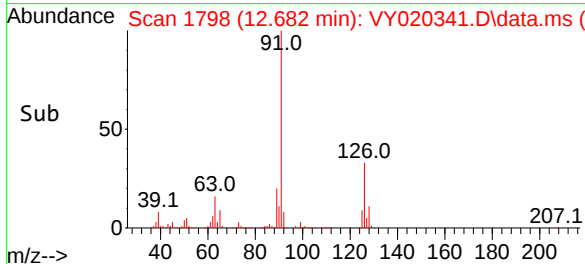
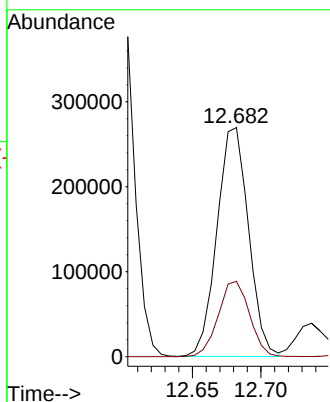
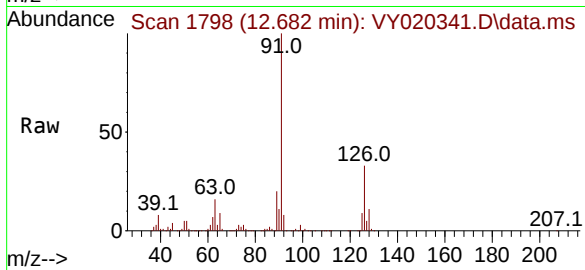




#79
2-Chlorotoluene
Concen: 49.371 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

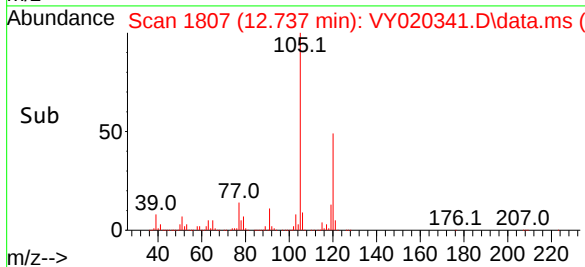
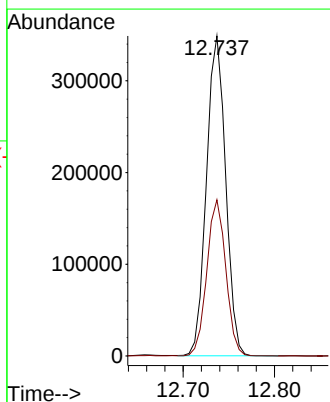
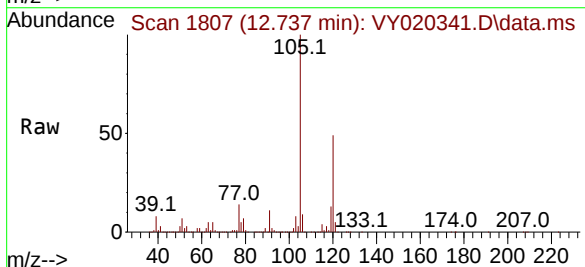
Instrument :
MSVOA_Y
ClientSampleId :

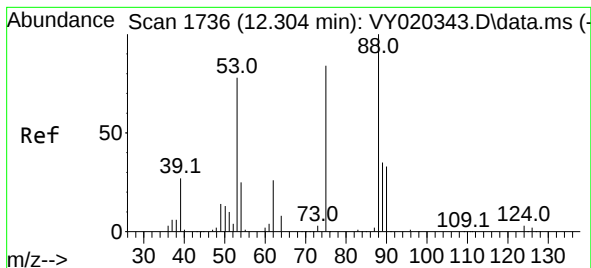
Tgt Ion: 91 Resp: 431579
Ion Ratio Lower Upper
91 100
126 32.7 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 49.541 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion:105 Resp: 507211
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

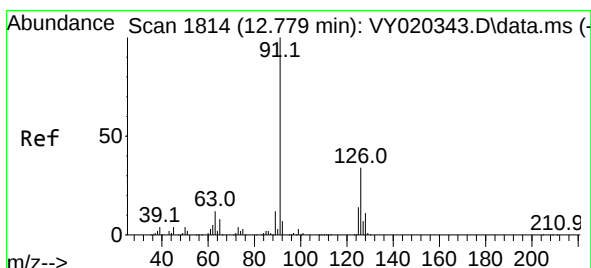
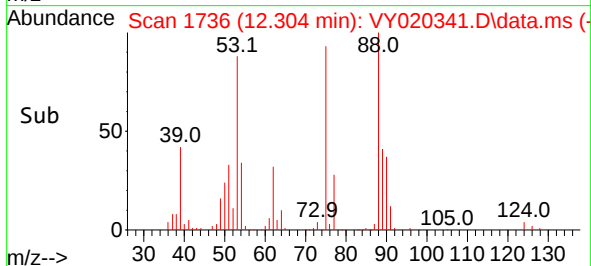
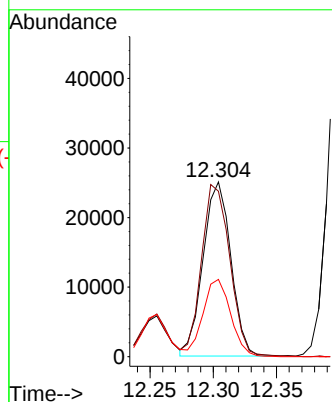
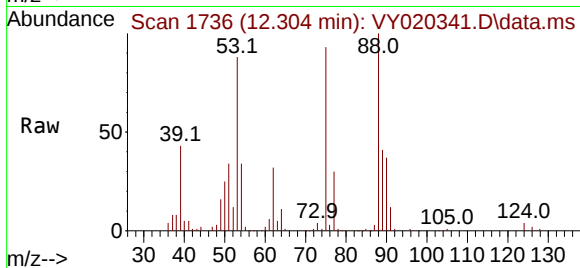




#81
trans-1,4-Dichloro-2-butene
Concen: 53.209 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

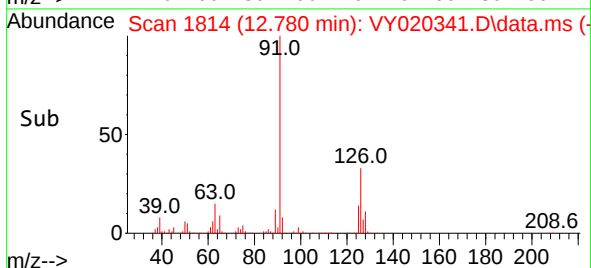
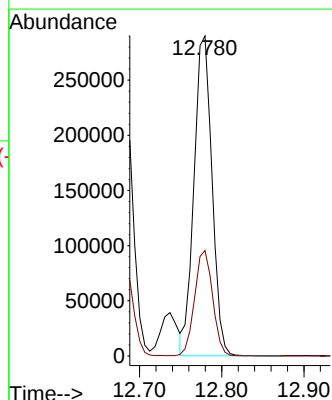
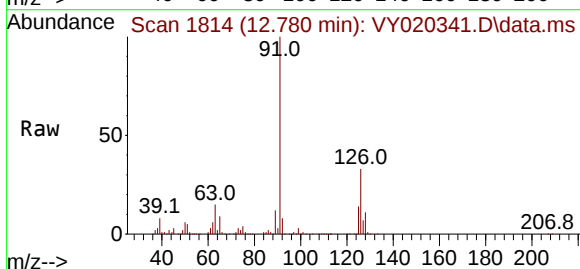
Instrument :
MSVOA_Y
ClientSampleId :

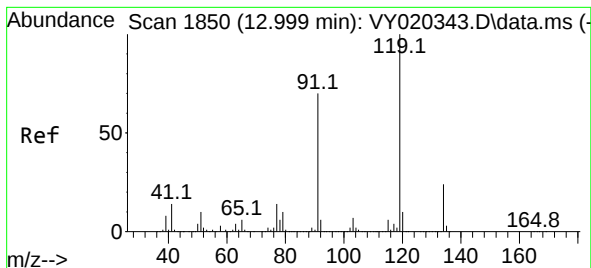
Tgt Ion: 75 Resp: 38276
Ion Ratio Lower Upper
75 100
53 101.4 81.1 121.7
89 43.9 35.1 52.7



#82
4-Chlorotoluene
Concen: 48.859 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 91 Resp: 440797
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8





#83

tert-Butylbenzene

Concen: 51.187 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

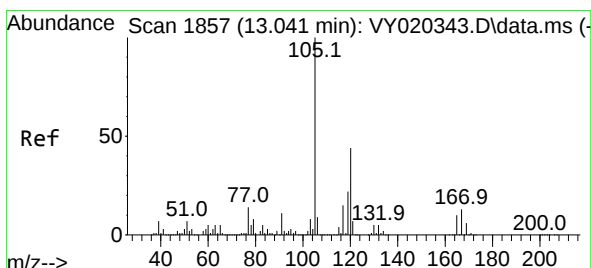
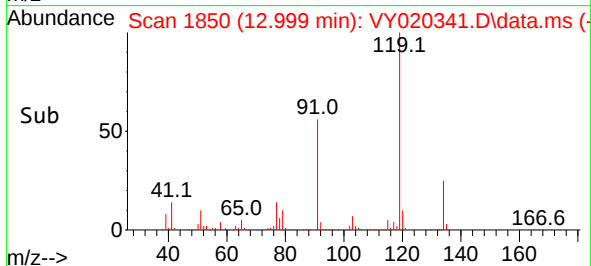
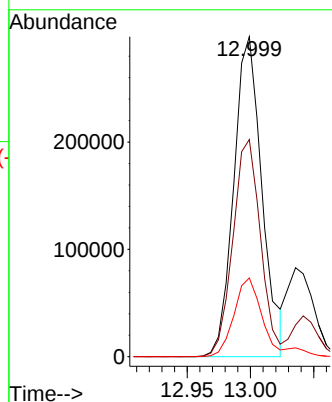
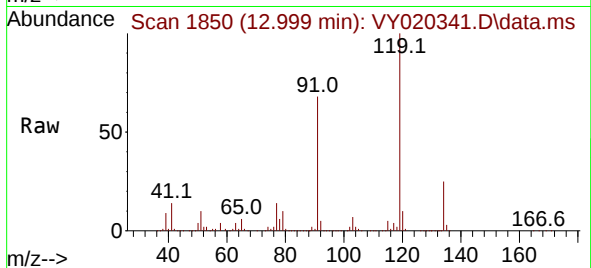
Tgt Ion:119 Resp: 462472

Ion Ratio Lower Upper

119 100

91 66.6 33.3 99.9

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 50.144 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY020341.D

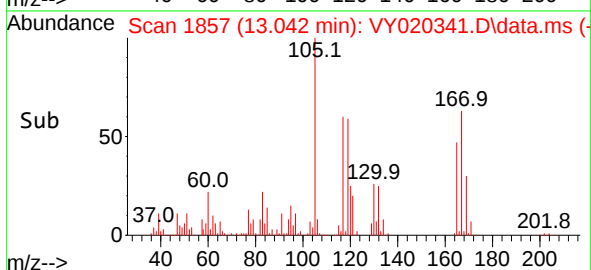
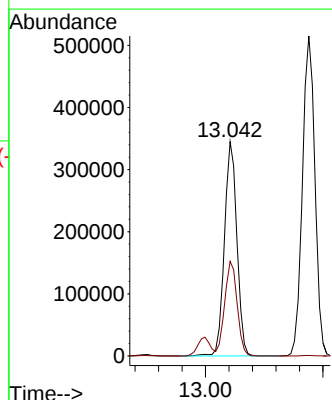
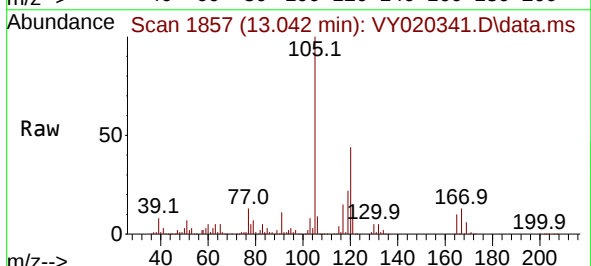
Acq: 19 Nov 2024 16:57

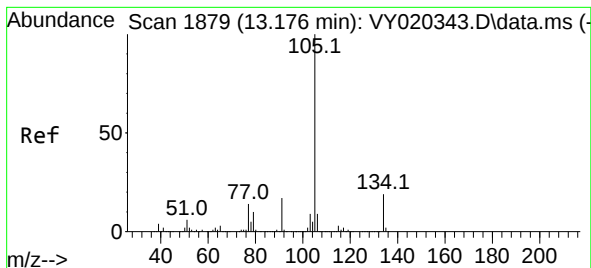
Tgt Ion:105 Resp: 508985

Ion Ratio Lower Upper

105 100

120 44.0 22.0 66.0





#85

sec-Butylbenzene

Concen: 53.259 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

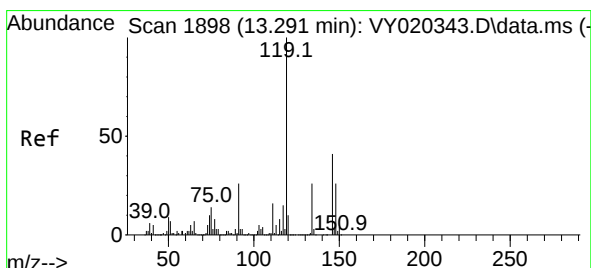
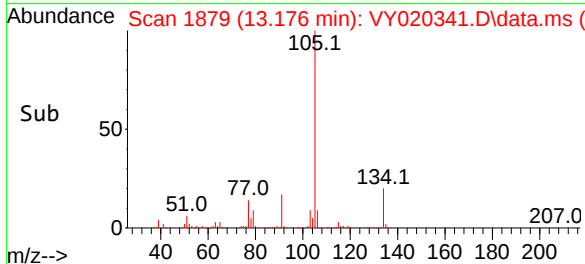
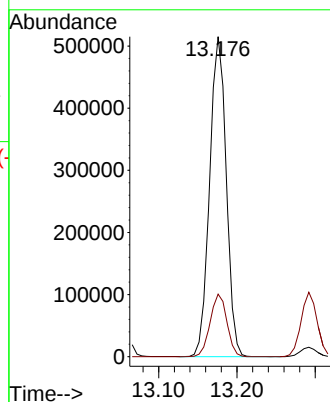
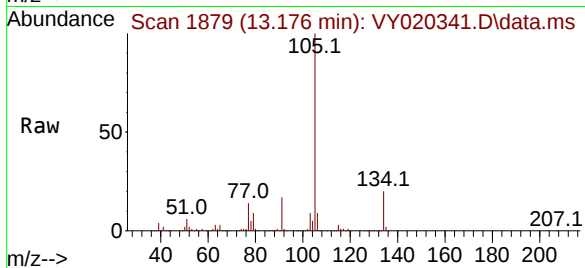
ClientSampleId :

Tgt Ion:105 Resp: 758609

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 52.331 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

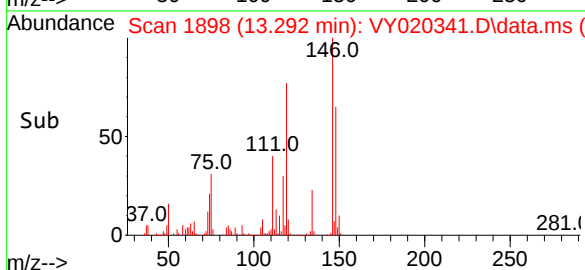
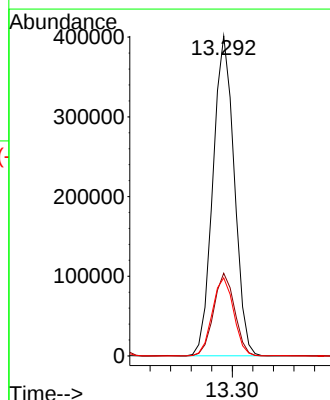
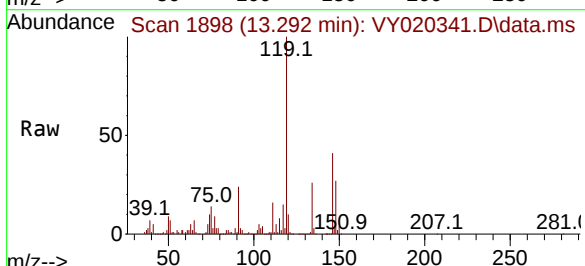
Tgt Ion:119 Resp: 576317

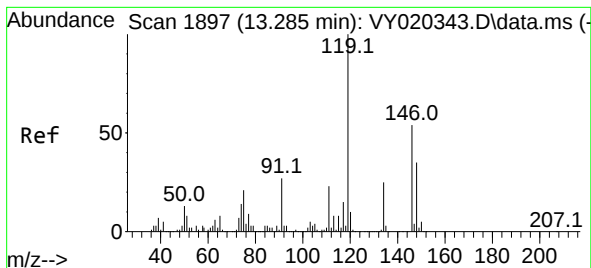
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 24.5 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 51.496 ug/l

RT: 13.286 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

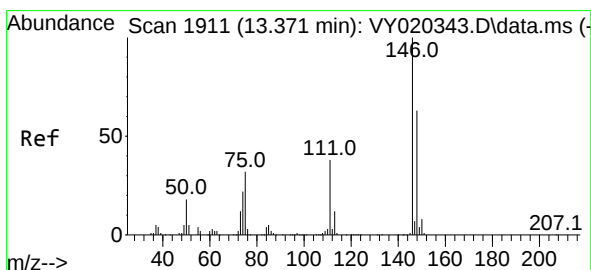
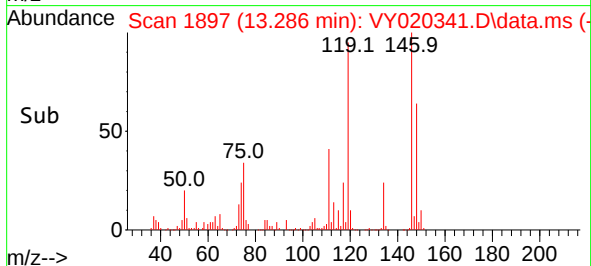
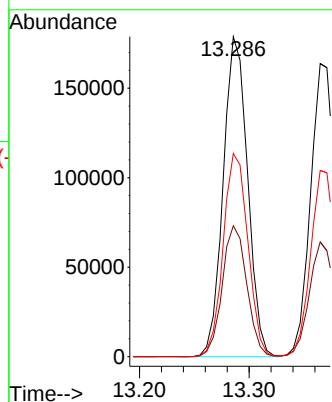
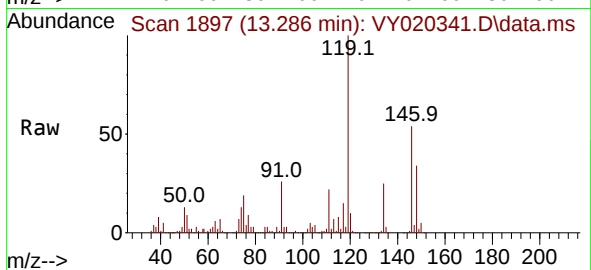
Tgt Ion:146 Resp: 276359

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 64.3 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 50.459 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

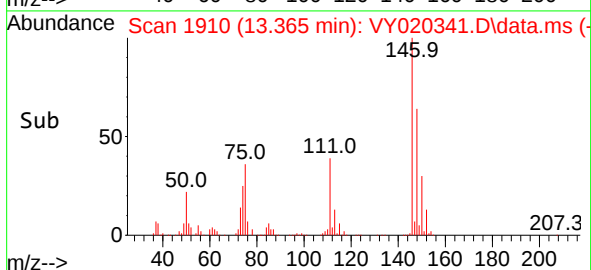
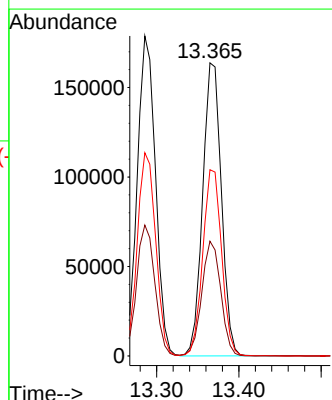
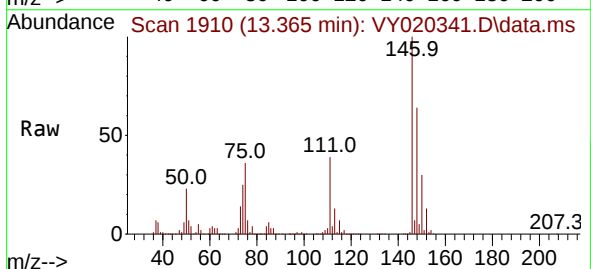
Tgt Ion:146 Resp: 258732

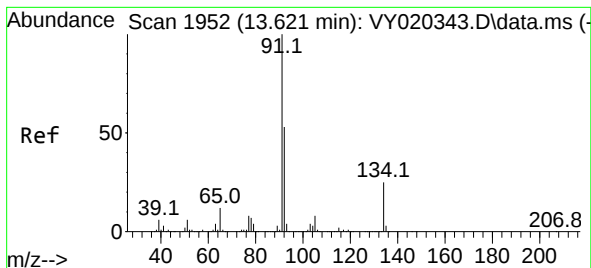
Ion Ratio Lower Upper

146 100

111 39.7 19.9 59.6

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 51.917 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

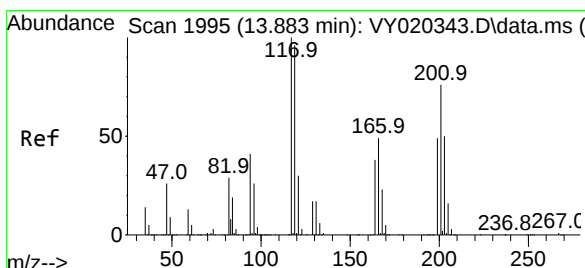
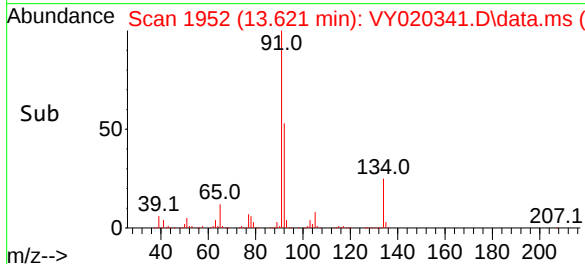
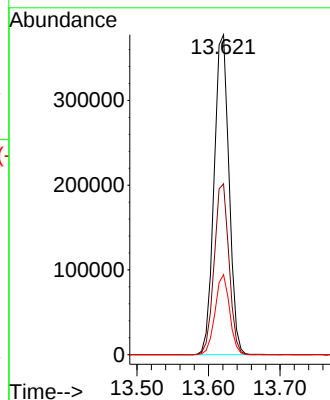
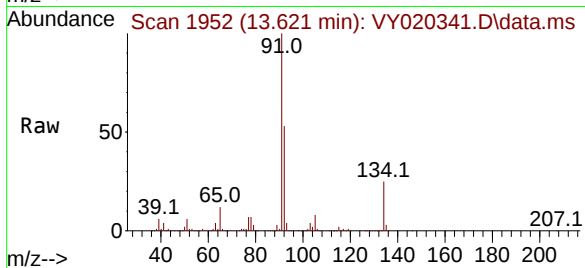
Tgt Ion: 91 Resp: 547533

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 24.3 12.2 36.4



#90

Hexachloroethane

Concen: 54.229 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY020341.D

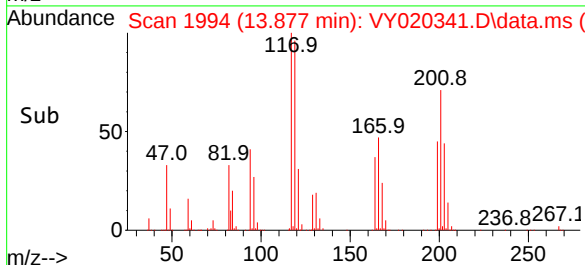
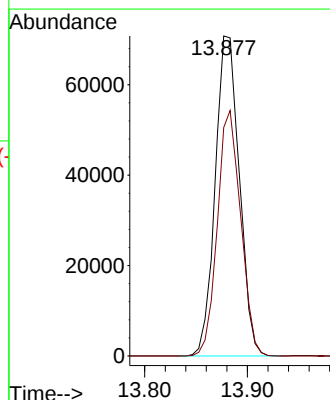
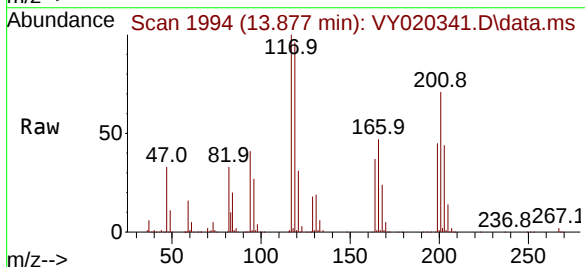
Acq: 19 Nov 2024 16:57

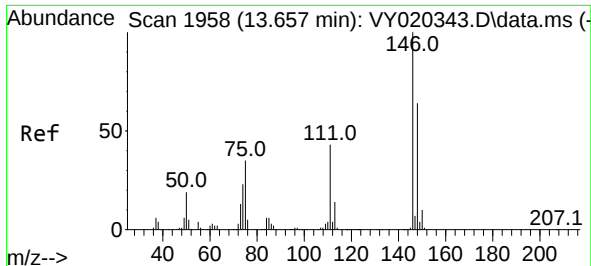
Tgt Ion: 117 Resp: 115268

Ion Ratio Lower Upper

117 100

201 74.2 37.1 111.3

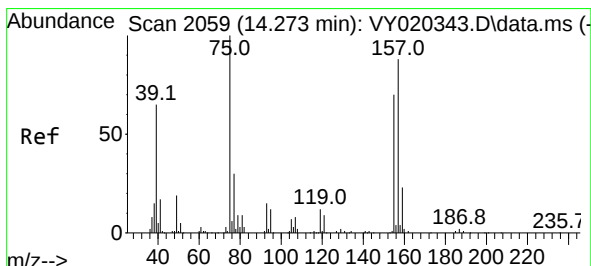
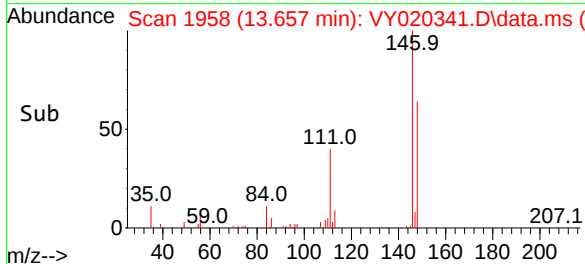
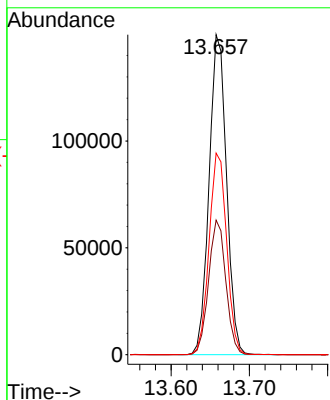
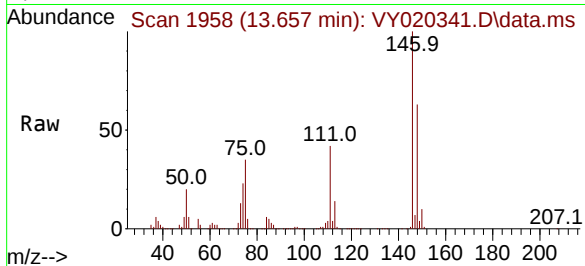




#91
1,2-Dichlorobenzene
Concen: 51.724 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

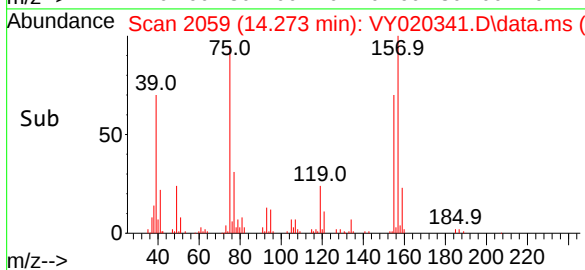
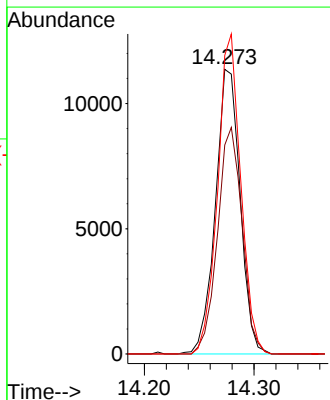
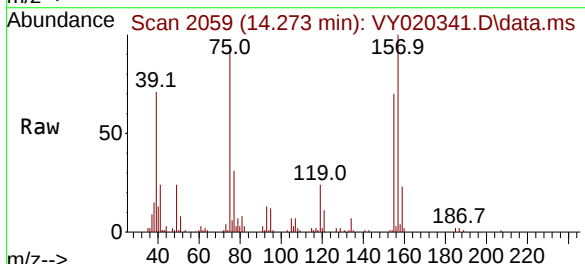
Instrument :
MSVOA_Y
ClientSampleId :

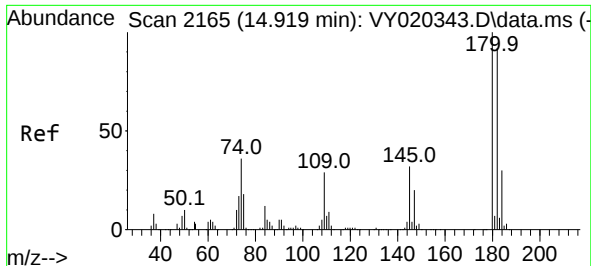
Tgt Ion:146 Resp: 231279
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.5
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.987 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY020341.D
Acq: 19 Nov 2024 16:57

Tgt Ion: 75 Resp: 17802
Ion Ratio Lower Upper
75 100
155 79.4 39.7 119.1
157 105.2 52.6 157.8





#93

1,2,4-Trichlorobenzene

Concen: 49.434 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

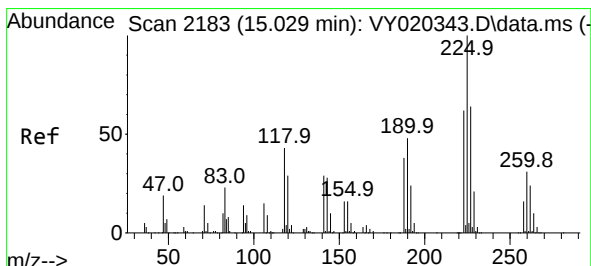
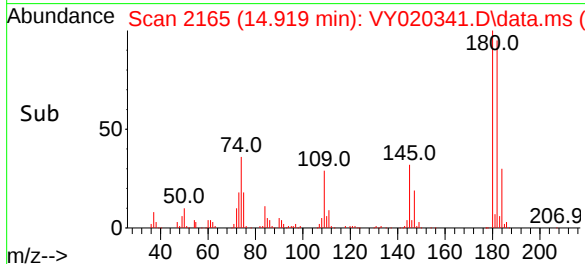
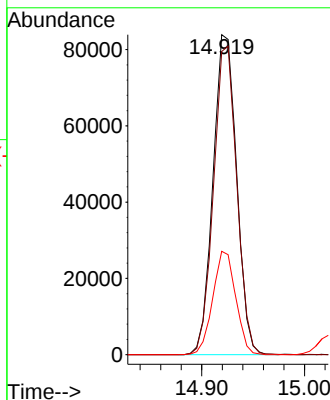
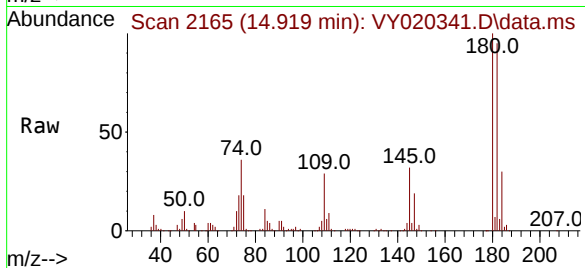
Tgt Ion:180 Resp: 133647

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.8

145 31.5 15.8 47.3



#94

Hexachlorobutadiene

Concen: 48.885 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

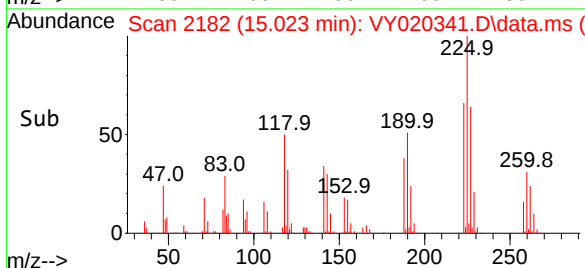
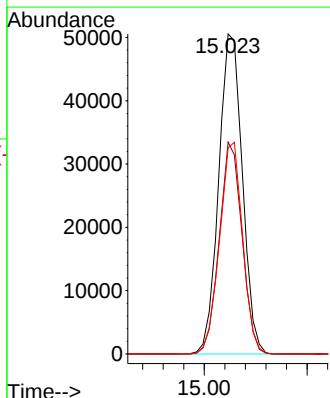
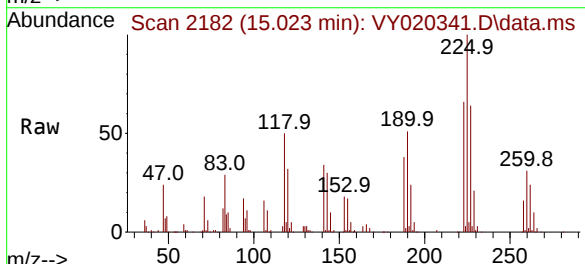
Tgt Ion:225 Resp: 80673

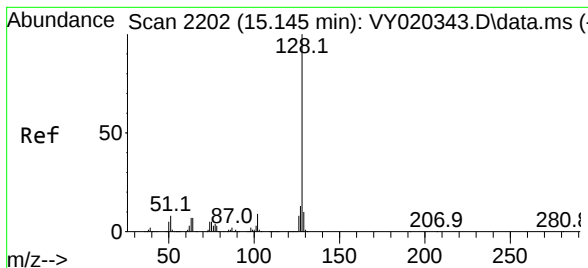
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.5

227 64.5 32.3 96.8





#95

Naphthalene

Concen: 52.551 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Instrument :

MSVOA_Y

ClientSampleId :

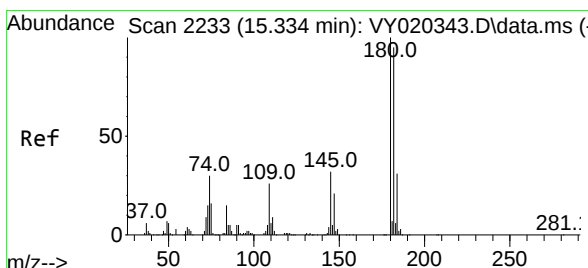
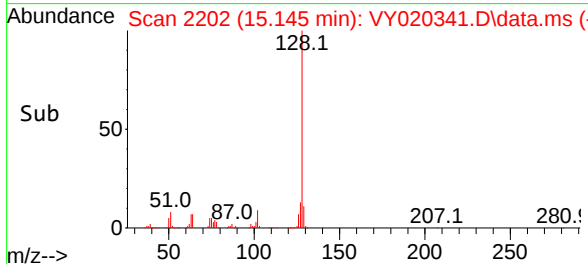
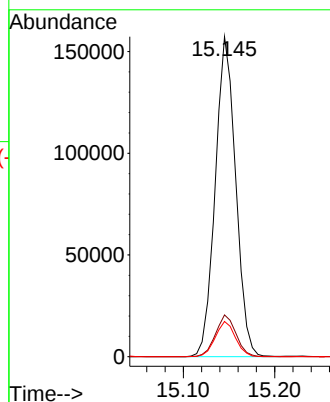
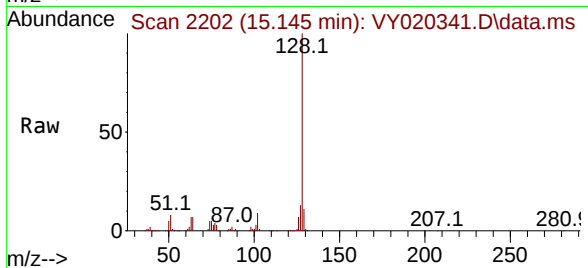
Tgt Ion:128 Resp: 244680

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: 48.361 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020341.D

Acq: 19 Nov 2024 16:57

Tgt Ion:180 Resp: 111791

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 33.7 16.9 50.6

