

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020241.D
 Acq On : 11 Nov 2024 12:16
 Operator : SY/MD
 Sample : VY1111SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 11 23:12:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	253989	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	455957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	389005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	179570	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	165863	52.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.640%	
35) Dibromofluoromethane	7.634	113	154900	53.433	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.860%	
50) Toluene-d8	10.109	98	600816	52.067	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	12.408	95	199524	53.234	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 106.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	38187	16.242	ug/l	100
3) Chloromethane	2.068	50	85843	22.043	ug/l	100
4) Vinyl Chloride	2.202	62	90862	21.733	ug/l	100
5) Bromomethane	2.598	94	69236	24.943	ug/l	96
6) Chloroethane	2.732	64	64277	23.823	ug/l	95
7) Trichlorofluoromethane	3.050	101	115870	22.687	ug/l	91
8) Diethyl Ether	3.452	74	29326	20.587	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.818	101	59545	20.786	ug/l	91
10) Methyl Iodide	4.007	142	53732	19.428	ug/l #	88
11) Tert butyl alcohol	4.897	59	19854	87.073	ug/l #	96
12) 1,1-Dichloroethene	3.787	96	53053	19.356	ug/l #	81
13) Acrolein	3.653	56	20217	71.226	ug/l	97
14) Allyl chloride	4.385	41	96155	19.445	ug/l #	88
15) Acrylonitrile	5.067	53	61926	95.502	ug/l #	88
16) Acetone	3.885	43	65485	88.831	ug/l #	86
17) Carbon Disulfide	4.104	76	157124	17.226	ug/l	99
18) Methyl Acetate	4.397	43	33223	19.208	ug/l #	87
19) Methyl tert-butyl Ether	5.116	73	142049	20.600	ug/l	97
20) Methylene Chloride	4.610	84	60665	18.319	ug/l #	86
21) trans-1,2-Dichloroethene	5.116	96	61553	19.913	ug/l	85
22) Diisopropyl ether	6.019	45	209720	20.437	ug/l	90
23) Vinyl Acetate	5.964	43	564731	97.788	ug/l #	92
24) 1,1-Dichloroethane	5.915	63	120722	20.317	ug/l	94
25) 2-Butanone	6.902	43	93133	93.199	ug/l #	82
26) 2,2-Dichloropropane	6.884	77	104436	21.124	ug/l	94
27) cis-1,2-Dichloroethene	6.890	96	72082	20.286	ug/l	82
28) Bromochloromethane	7.250	49	51776	18.609	ug/l #	73
29) Tetrahydrofuran	7.268	42	54029	93.688	ug/l #	83
30) Chloroform	7.421	83	122990	20.858	ug/l	95
31) Cyclohexane	7.701	56	107127	18.622	ug/l	87
32) 1,1,1-Trichloroethane	7.616	97	109910	21.350	ug/l	95
36) 1,1-Dichloropropene	7.835	75	87511	19.541	ug/l	95
37) Ethyl Acetate	6.988	43	38623	18.090	ug/l	96
38) Carbon Tetrachloride	7.817	117	90560	20.110	ug/l	91
39) Methylcyclohexane	9.109	83	107324	18.883	ug/l	88
40) Benzene	8.079	78	266254	20.370	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	23399	21.878	ug/l #	81
42) 1,2-Dichloroethane	8.158	62	73765	20.388	ug/l	94
43) Isopropyl Acetate	8.195	43	79549	19.375	ug/l #	78
44) Trichloroethene	8.866	130	61471	20.291	ug/l	81
45) 1,2-Dichloropropane	9.140	63	64220	20.535	ug/l	99
46) Dibromomethane	9.231	93	34002	20.066	ug/l	89
47) Bromodichloromethane	9.426	83	91687	20.654	ug/l #	99
48) Methyl methacrylate	9.225	41	36189	19.029	ug/l #	82
49) 1,4-Dioxane	9.244	88	6267	359.225	ug/l #	65
51) 4-Methyl-2-Pentanone	9.999	43	201703	95.344	ug/l	89
52) Toluene	10.170	92	163562	20.300	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	79067	20.170	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	97807	20.904	ug/l #	83
55) 1,1,2-Trichloroethane	10.573	97	44581	21.160	ug/l	98
56) Ethyl methacrylate	10.438	69	59914	19.824	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	78482	20.341	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	128400	86.147	ug/l	93
59) 2-Hexanone	10.762	43	144436	95.232	ug/l	85
60) Dibromochloromethane	10.908	129	55415	20.634	ug/l	100
61) 1,2-Dibromoethane	11.012	107	38944	19.895	ug/l	98
64) Tetrachloroethene	10.646	164	55581	21.640	ug/l	93
65) Chlorobenzene	11.444	112	171415	20.680	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	55907	21.111	ug/l	98
67) Ethyl Benzene	11.518	91	319818	20.641	ug/l	98
68) m/p-Xylenes	11.627	106	240043	42.344	ug/l	95
69) o-Xylene	11.956	106	112695	20.997	ug/l	94
70) Styrene	11.969	104	185921	20.951	ug/l	95
71) Bromoform	12.133	173	28760	21.169	ug/l #	94
73) Isopropylbenzene	12.255	105	305375	21.288	ug/l	98
74) N-amyl acetate	12.072	43	68021	18.969	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	50627	20.180	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	65233	38.753	ug/l #	100
77) Bromobenzene	12.530	156	60967	21.015	ug/l	84
78) n-propylbenzene	12.597	91	378368	21.193	ug/l	96
79) 2-Chlorotoluene	12.682	91	210799	21.271	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	240929	20.920	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	15315	19.570	ug/l #	78
82) 4-Chlorotoluene	12.779	91	213795	21.159	ug/l	94
83) tert-Butylbenzene	12.999	119	216820	21.530	ug/l	95
84) 1,2,4-Trimethylbenzene	13.042	105	238577	20.915	ug/l	96
85) sec-Butylbenzene	13.176	105	321940	20.824	ug/l	97
86) p-Isopropyltoluene	13.292	119	259341	20.905	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	121202	20.565	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	120603	20.549	ug/l	96
89) n-Butylbenzene	13.621	91	258936	20.821	ug/l	96
90) Hexachloroethane	13.883	117	49679	20.248	ug/l	89
91) 1,2-Dichlorobenzene	13.657	146	108544	21.188	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7546	19.833	ug/l	71
93) 1,2,4-Trichlorobenzene	14.925	180	52673	19.140	ug/l	97
94) Hexachlorobutadiene	15.023	225	30539	20.294	ug/l	99
95) Naphthalene	15.145	128	94547	18.379	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	43712	18.712	ug/l	98

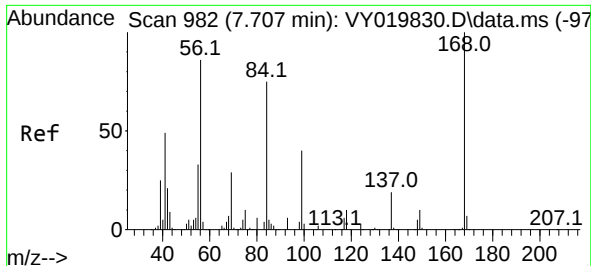
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QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration

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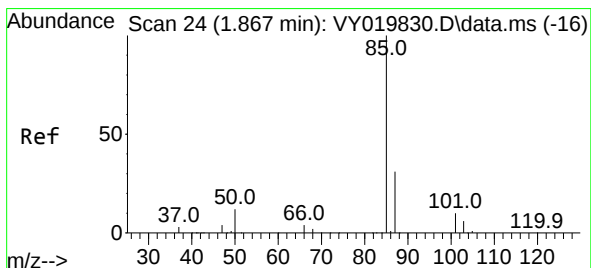
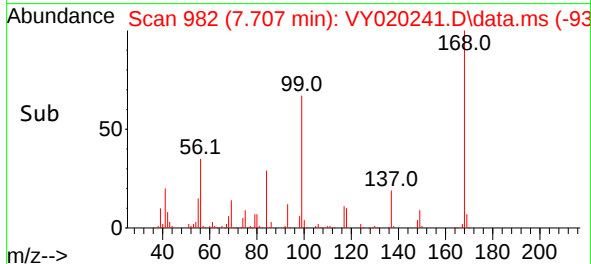
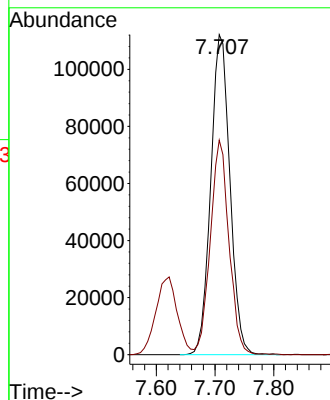
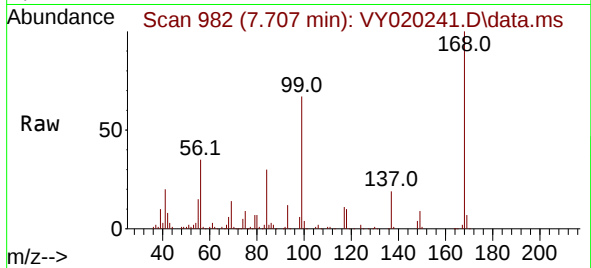
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

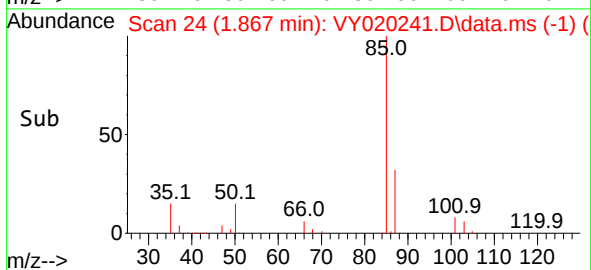
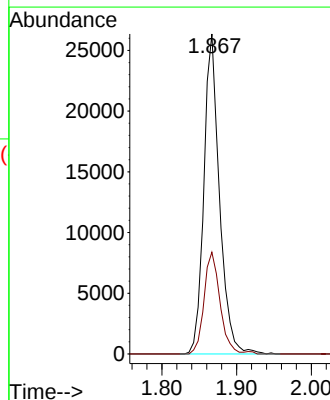
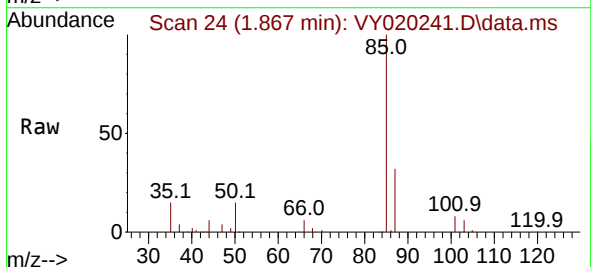
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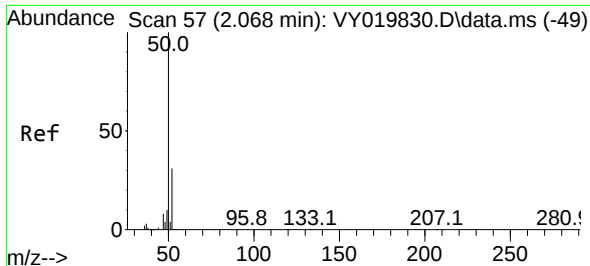
Tgt Ion:168 Resp: 253989
Ion Ratio Lower Upper
168 100
99 67.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 16.242 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 85 Resp: 38187
Ion Ratio Lower Upper
85 100
87 31.8 16.0 48.0

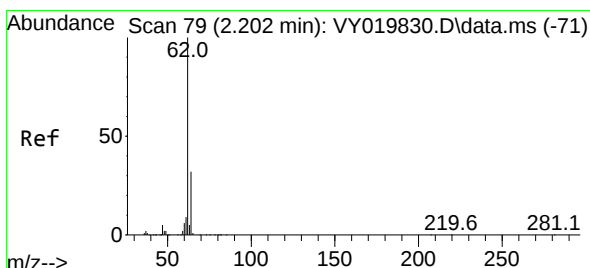
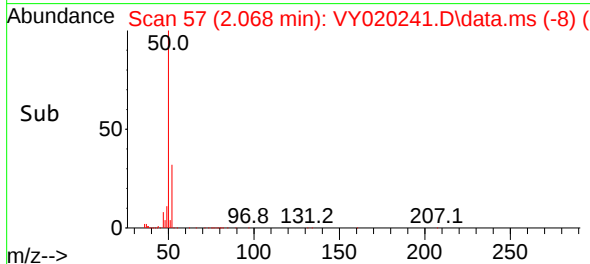
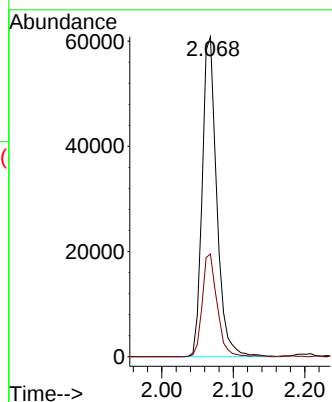
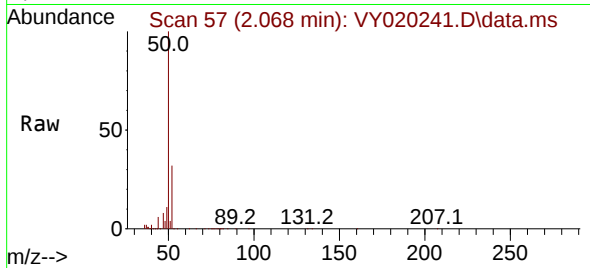




#3
Chloromethane
Concen: 22.043 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

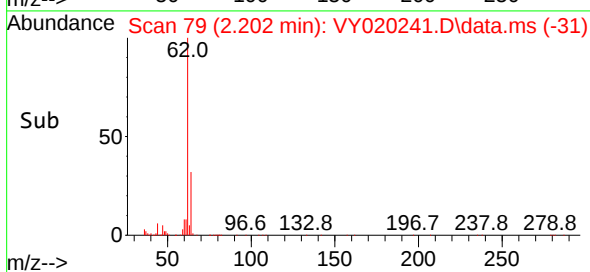
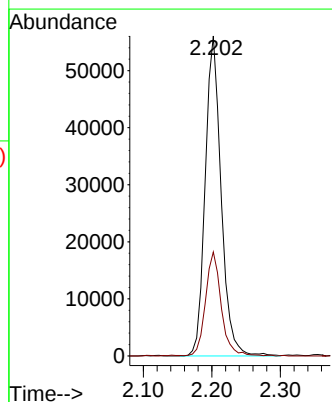
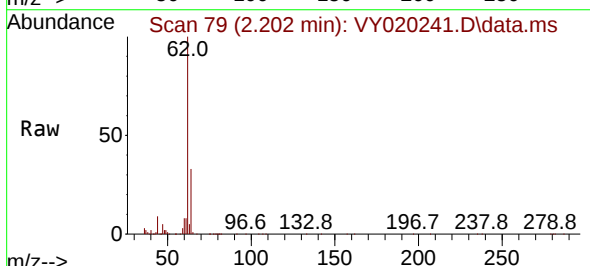
Instrument :
MSVOA_Y
ClientSampleId :

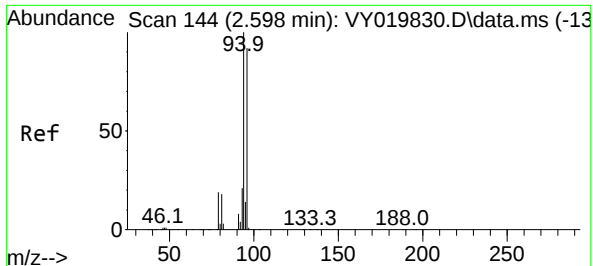
Tgt Ion: 50 Resp: 85843
Ion Ratio Lower Upper
50 100
52 32.1 25.6 38.4



#4
Vinyl Chloride
Concen: 21.733 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 62 Resp: 90862
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

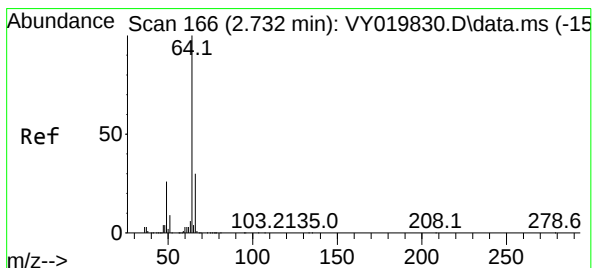
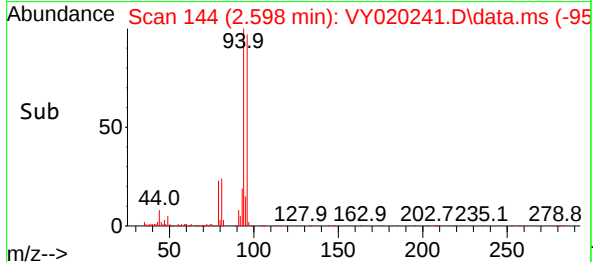
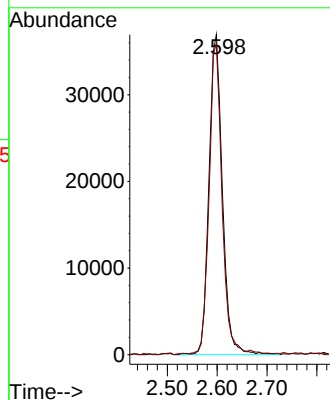
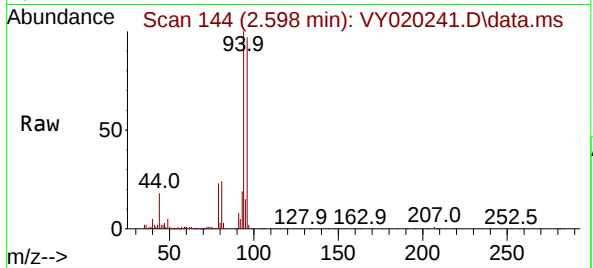




#5
Bromomethane
Concen: 24.943 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

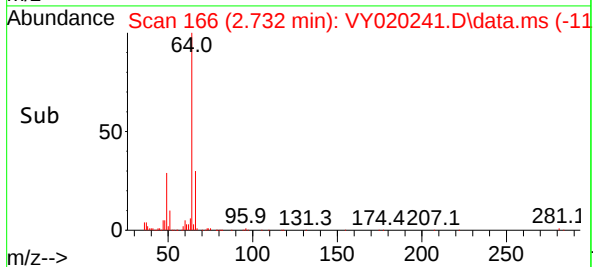
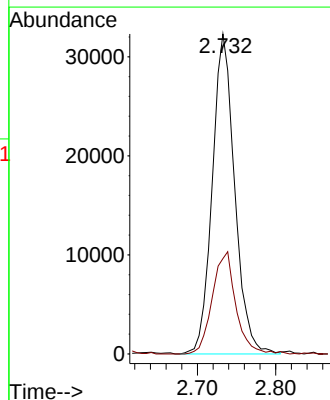
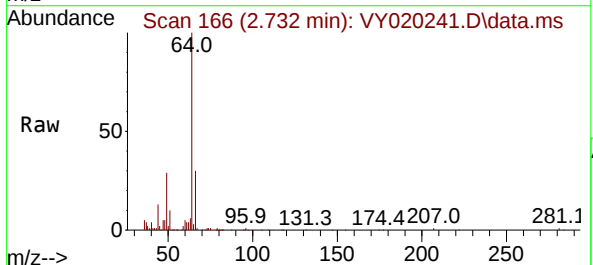
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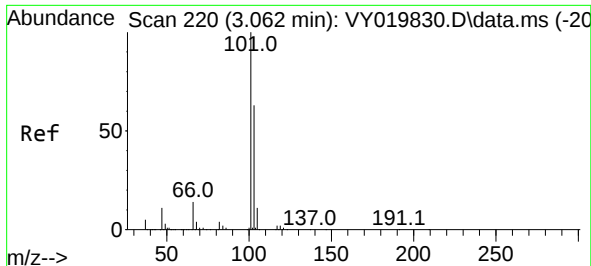
Tgt Ion: 94 Resp: 69236
Ion Ratio Lower Upper
94 100
96 96.8 74.1 111.1



#6
Chloroethane
Concen: 23.823 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 64 Resp: 64277
Ion Ratio Lower Upper
64 100
66 29.8 26.1 39.1

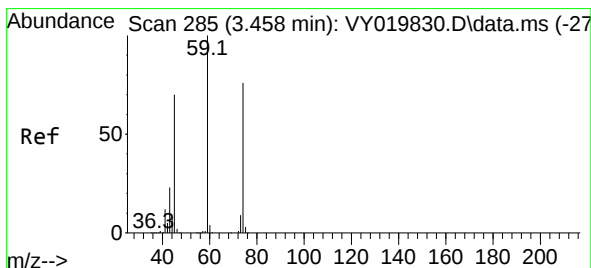
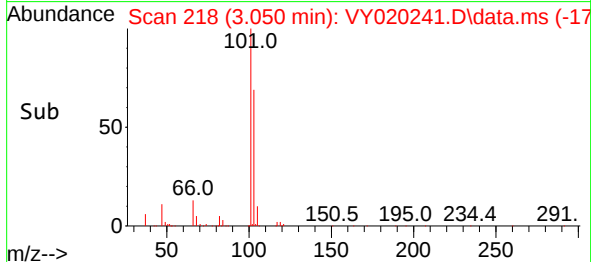
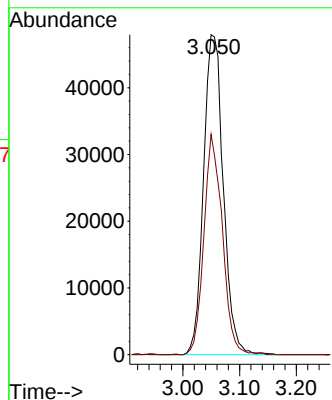
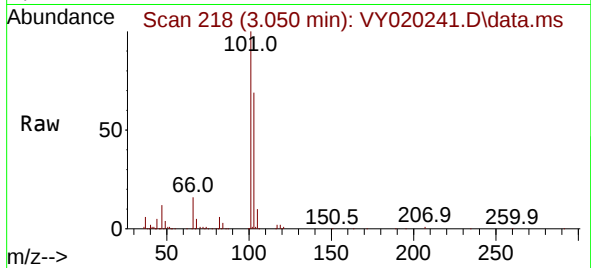




#7
 Trichlorofluoromethane
 Concen: 22.687 ug/l
 RT: 3.050 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VY020241.D
 Acq: 11 Nov 2024 12:16

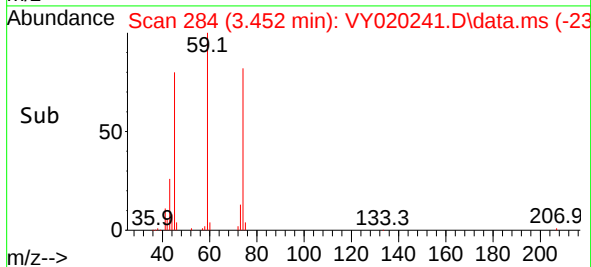
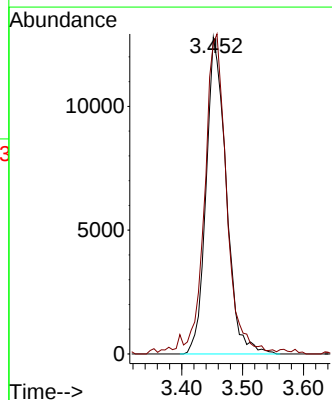
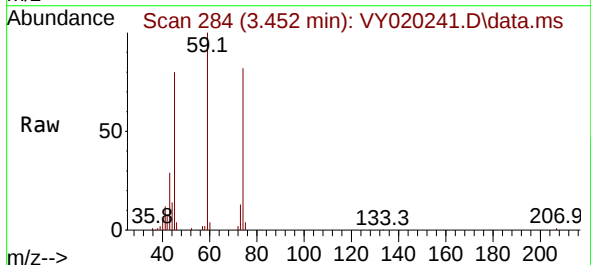
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 MSVOA_Y
 ClientSampleId :

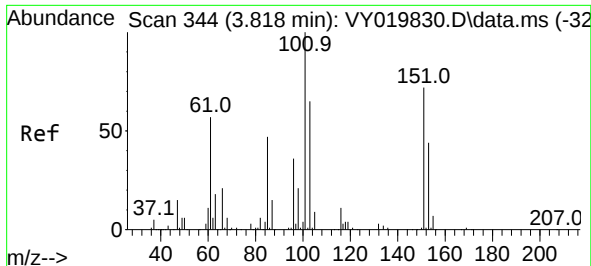
Tgt Ion:101 Resp: 115870
 Ion Ratio Lower Upper
 101 100
 103 68.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.587 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY020241.D
 Acq: 11 Nov 2024 12:16

Tgt Ion: 74 Resp: 29326
 Ion Ratio Lower Upper
 74 100
 45 109.1 41.3 124.1

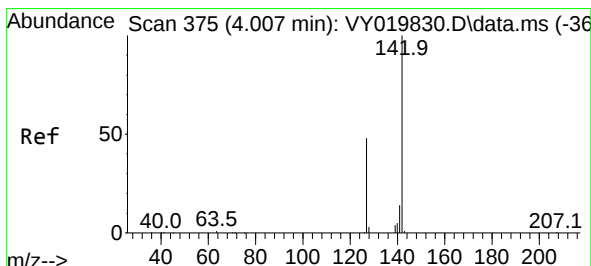
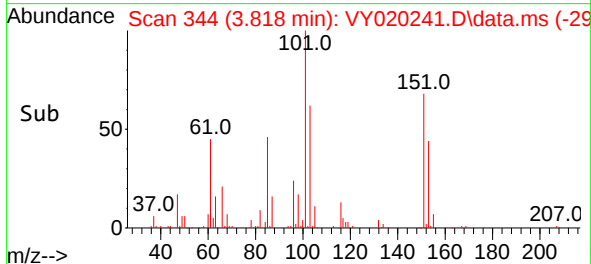
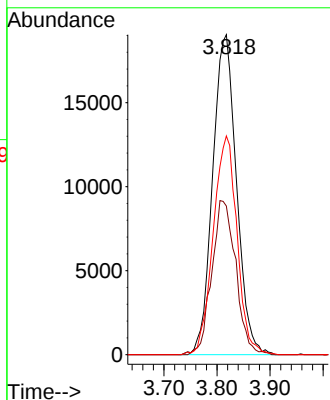
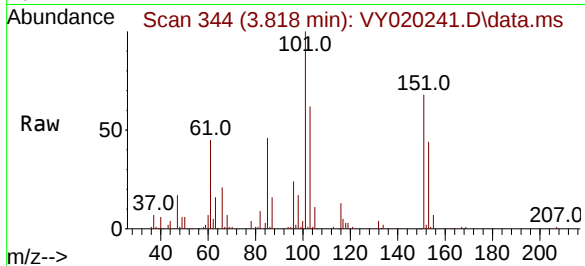




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.786 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY020241.D
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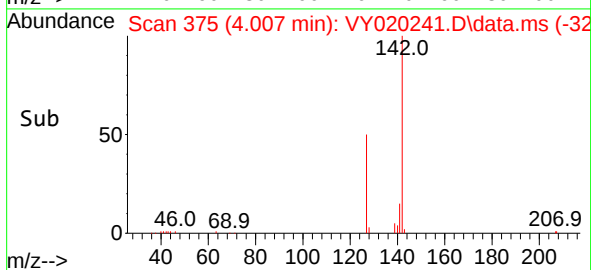
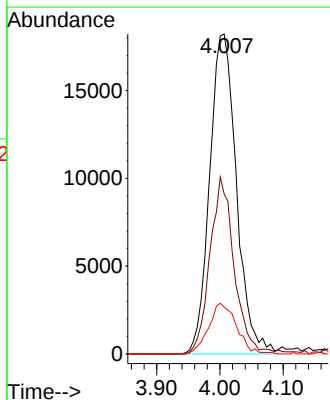
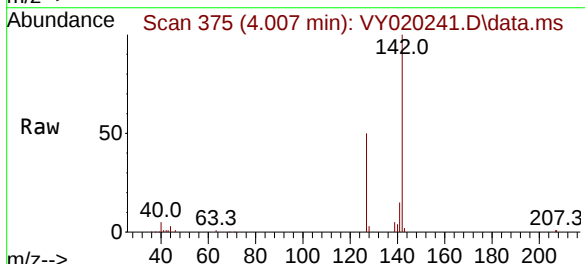
Instrument :
MSVOA_Y
ClientSampleId :

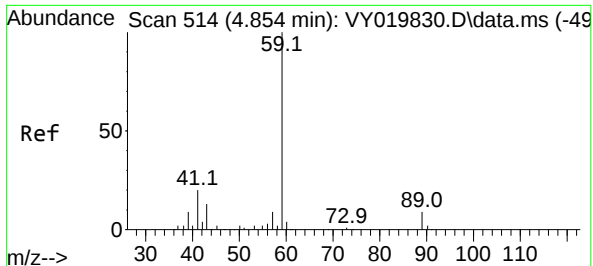
Tgt Ion:101 Resp: 59545
Ion Ratio Lower Upper
101 100
85 48.4 34.5 51.7
151 68.3 61.7 92.5



#10
Methyl Iodide
Concen: 19.428 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion:142 Resp: 53732
Ion Ratio Lower Upper
142 100
127 49.6 32.8 49.2#
141 16.5 11.4 17.2

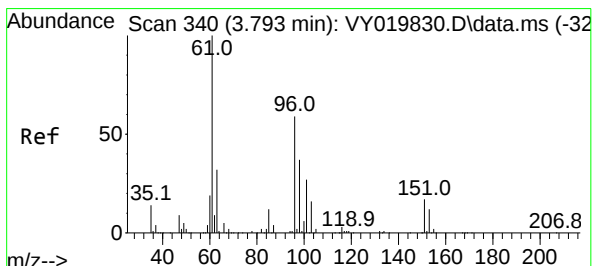
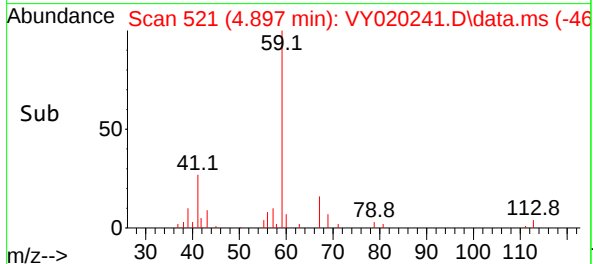
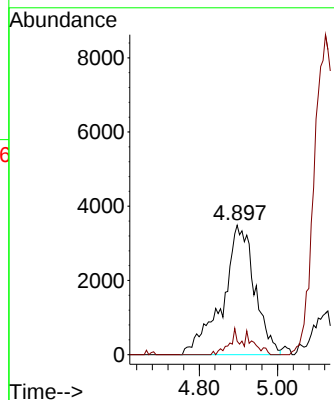
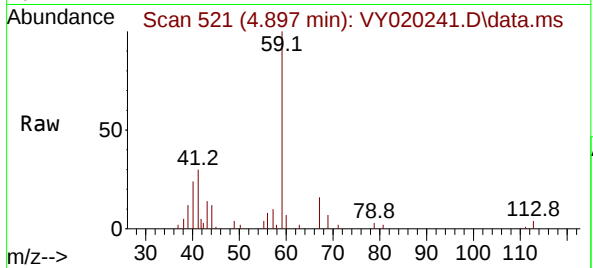




#11
Tert butyl alcohol
Concen: 87.073 ug/l
RT: 4.897 min Scan# 514
Delta R.T. 0.037 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

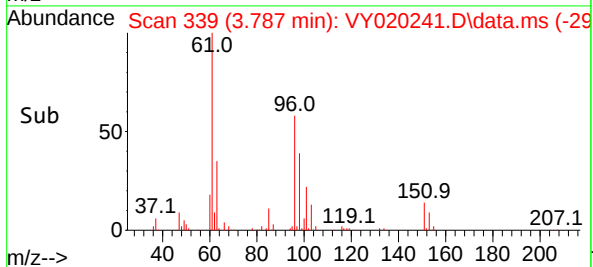
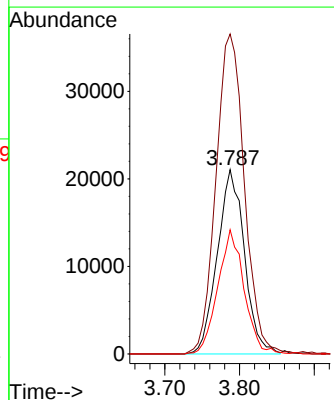
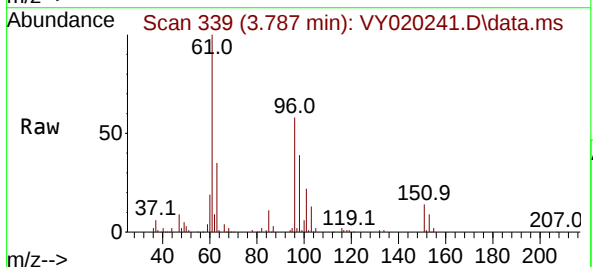
Instrument :
MSVOA_Y
ClientSampleId :

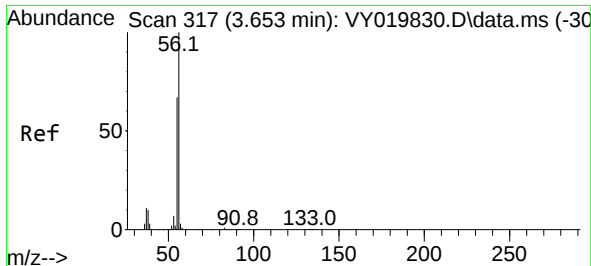
Tgt Ion: 59 Resp: 19854
Ion Ratio Lower Upper
59 100
57 5.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.356 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 96 Resp: 53053
Ion Ratio Lower Upper
96 100
61 173.7 114.6 171.8#
98 67.4 50.8 76.2





#13

Acrolein

Concen: 71.226 ug/l

RT: 3.653 min Scan# 317

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

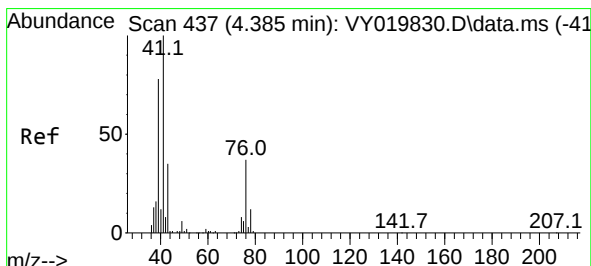
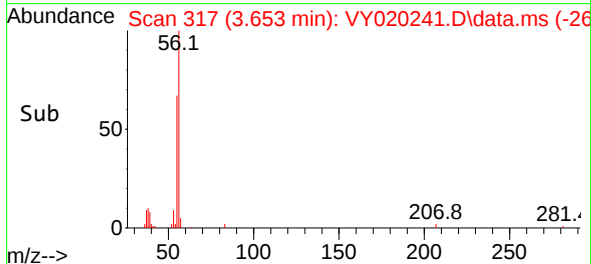
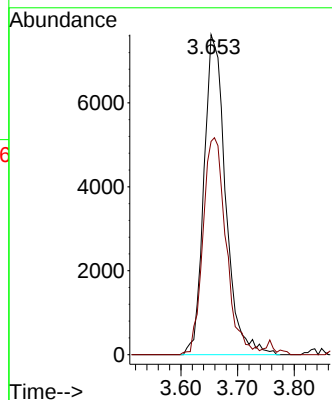
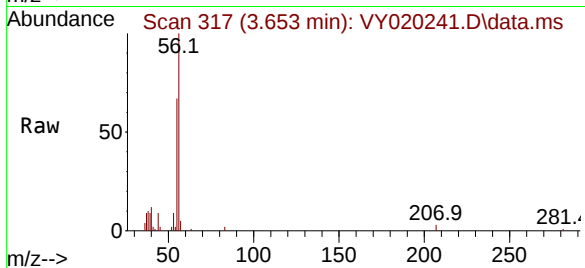
ClientSampleId :

Tgt Ion: 56 Resp: 20217

Ion Ratio Lower Upper

56 100

55 72.4 55.7 83.5



#14

Allyl chloride

Concen: 19.445 ug/l

RT: 4.385 min Scan# 437

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

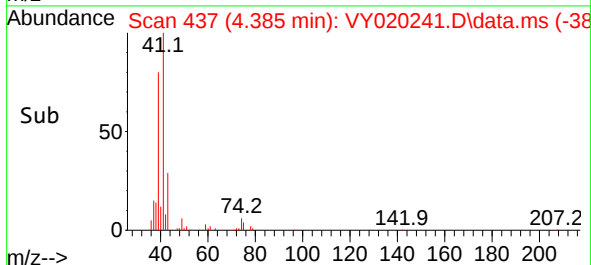
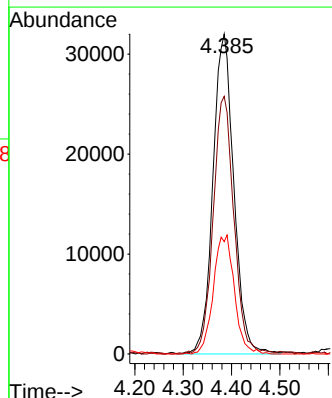
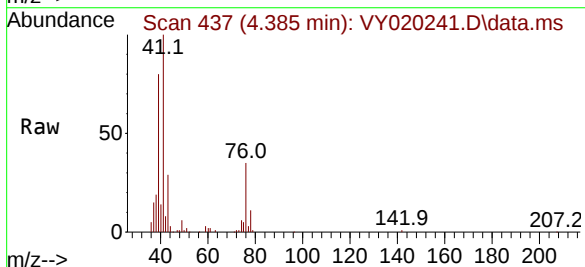
Tgt Ion: 41 Resp: 96155

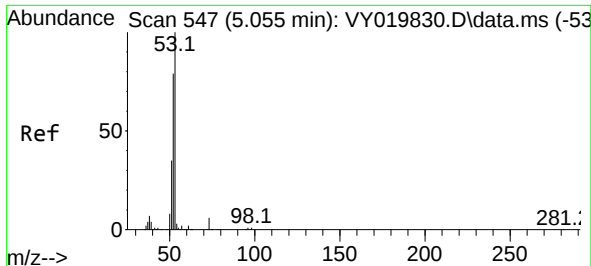
Ion Ratio Lower Upper

41 100

39 79.9 58.3 87.5

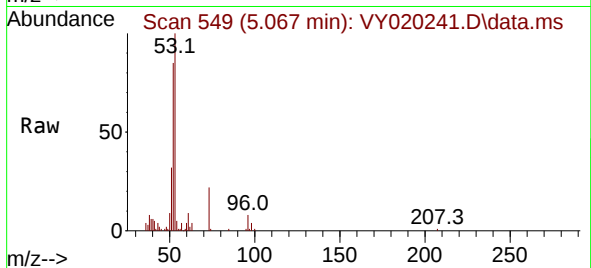
76 37.3 39.0 58.6#



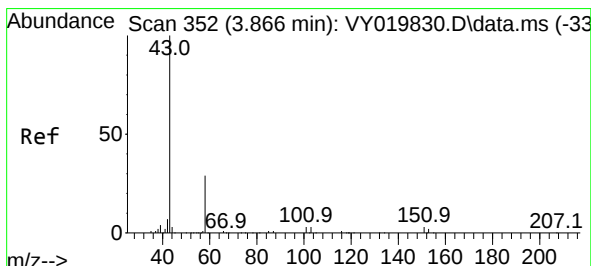
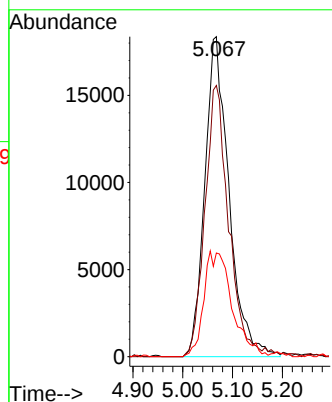
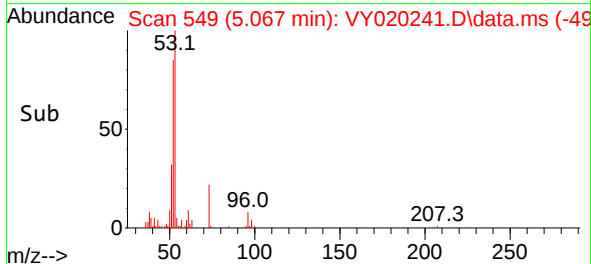


#15
Acrylonitrile
Concen: 95.502 ug/l
RT: 5.067 min Scan# 54
Delta R.T. 0.013 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

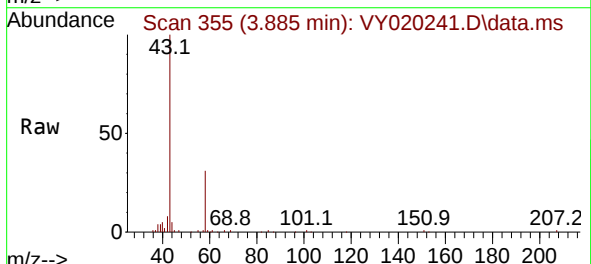
Instrument :
MSVOA_Y
ClientSampleId :



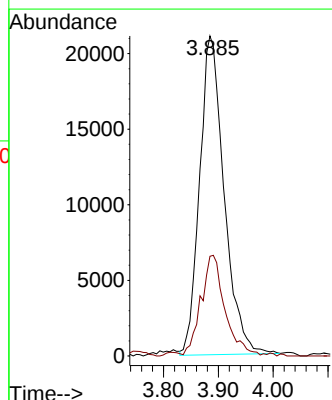
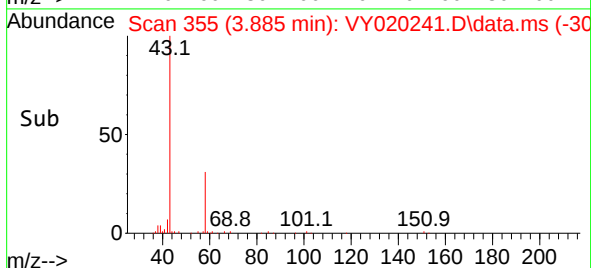
Tgt Ion: 53 Resp: 61926
Ion Ratio Lower Upper
53 100
52 82.7 64.7 97.1
51 14.6 28.4 42.6#

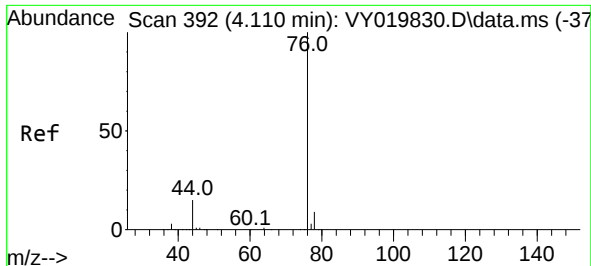


#16
Acetone
Concen: 88.831 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16



Tgt Ion: 43 Resp: 65485
Ion Ratio Lower Upper
43 100
58 30.8 31.7 47.5#

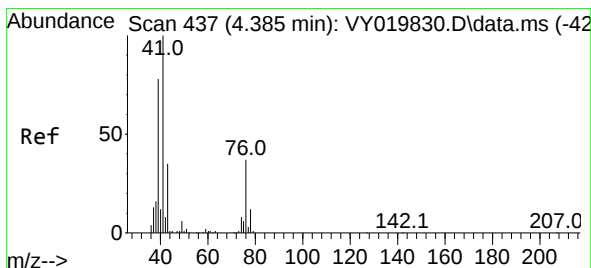
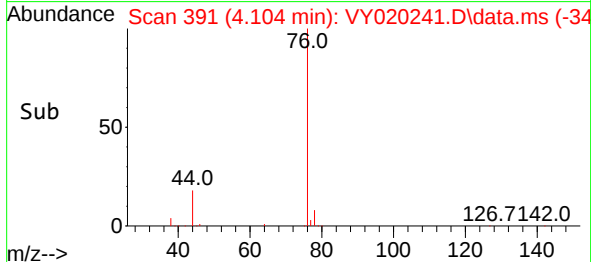
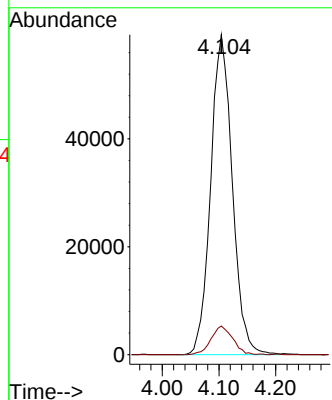
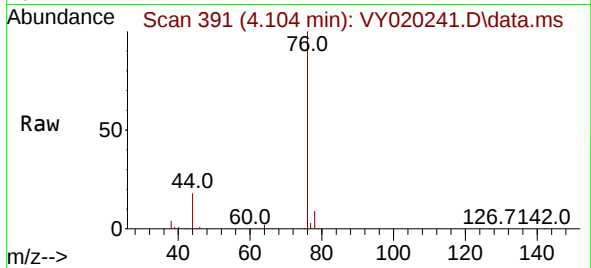




#17
Carbon Disulfide
Concen: 17.226 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

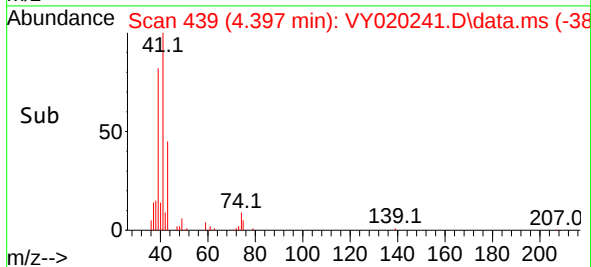
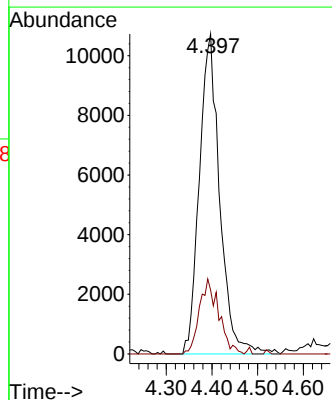
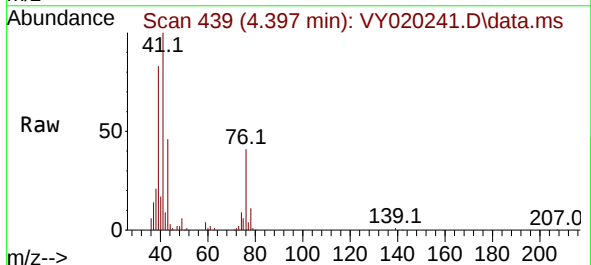
Instrument :
MSVOA_Y
ClientSampleId :

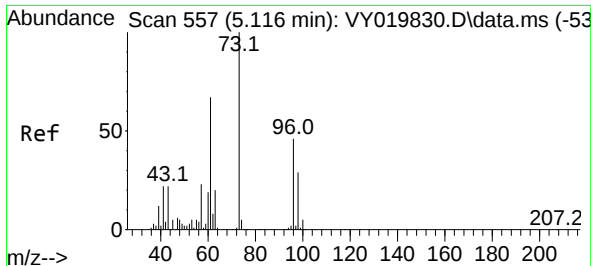
Tgt Ion: 76 Resp: 157124
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 19.208 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.013 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 43 Resp: 33223
Ion Ratio Lower Upper
43 100
74 22.4 23.3 34.9#

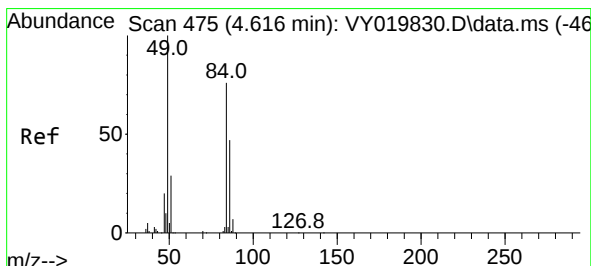
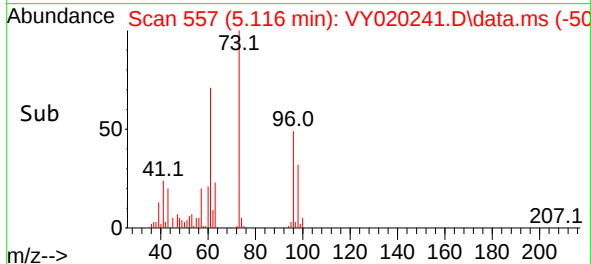
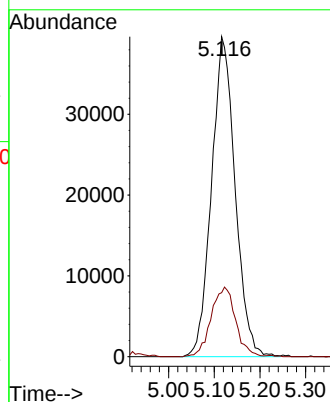
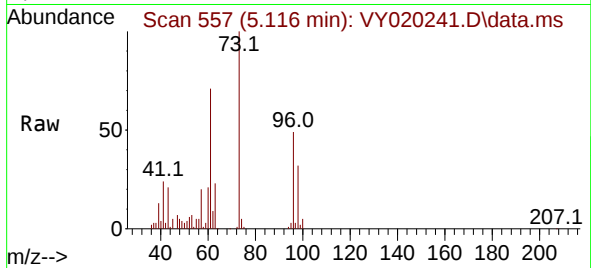




#19
Methyl tert-butyl Ether
Concen: 20.600 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

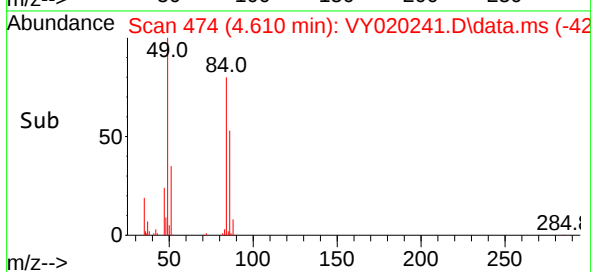
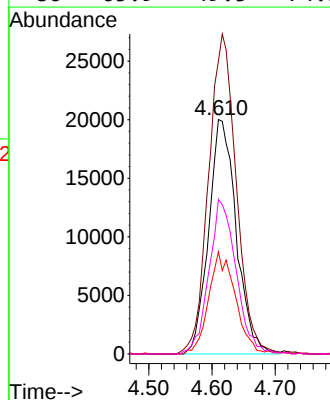
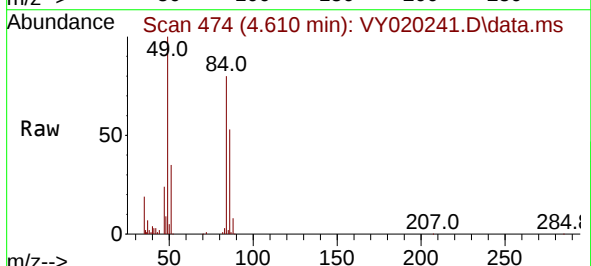
Instrument :
MSVOA_Y
ClientSampleId :

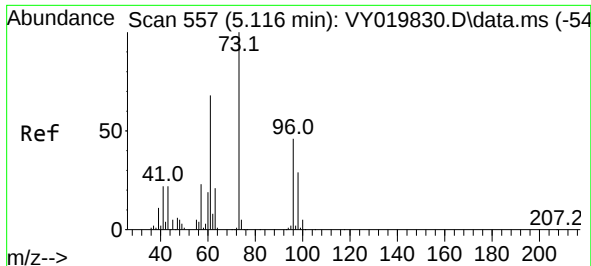
Tgt Ion: 73 Resp: 142049
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9



#20
Methylene Chloride
Concen: 18.319 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

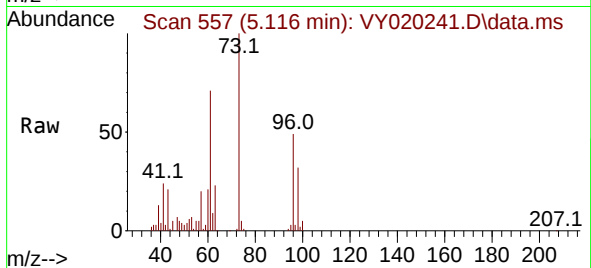
Tgt Ion: 84 Resp: 60665
Ion Ratio Lower Upper
84 100
49 124.2 84.4 126.6
51 43.6 26.0 39.0#
86 65.9 49.5 74.3



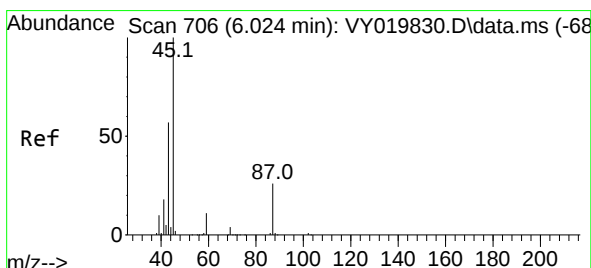
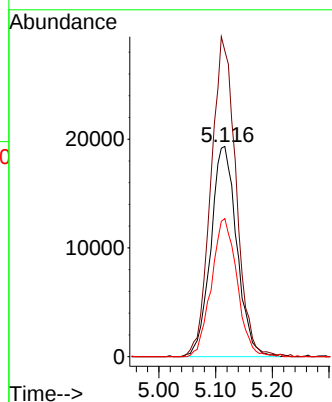
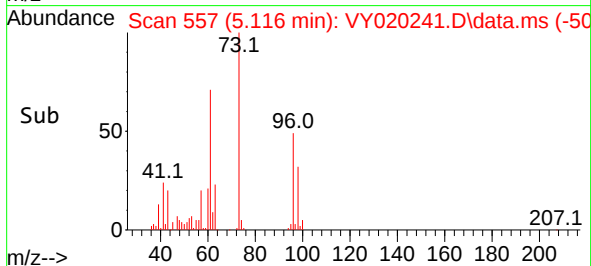


#21
trans-1,2-Dichloroethene
Concen: 19.913 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :

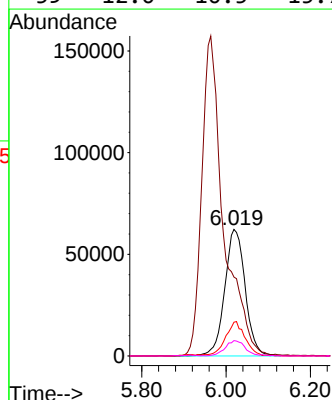
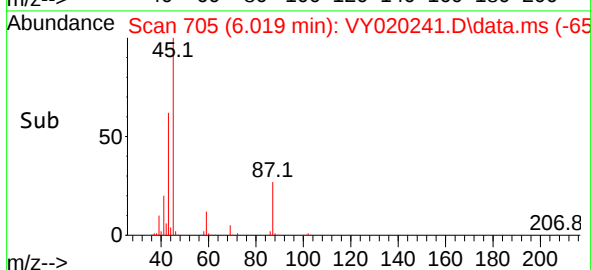
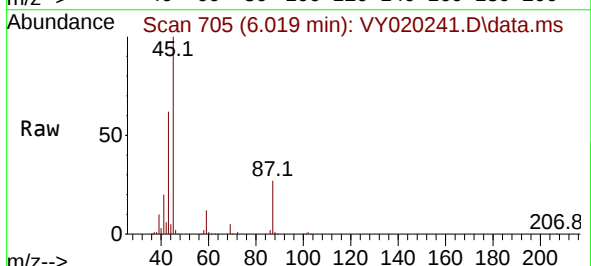


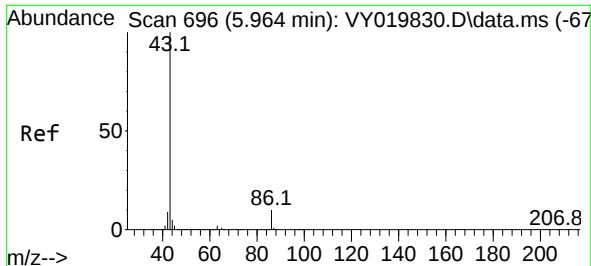
Tgt Ion: 96 Resp: 61553
Ion Ratio Lower Upper
96 100
61 145.4 97.5 146.3
98 65.7 50.5 75.7



#22
Diisopropyl ether
Concen: 20.437 ug/l
RT: 6.019 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 45 Resp: 209720
Ion Ratio Lower Upper
45 100
43 62.2 42.2 63.2
87 26.5 25.0 37.6
59 12.0 10.5 15.7

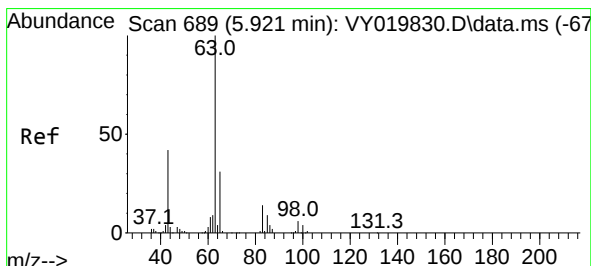
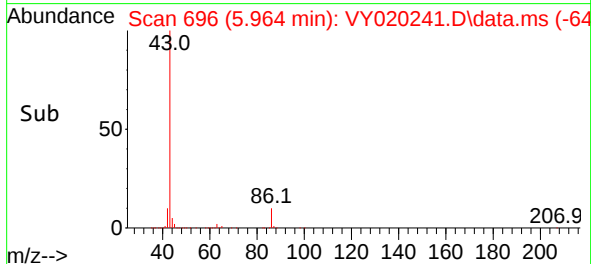
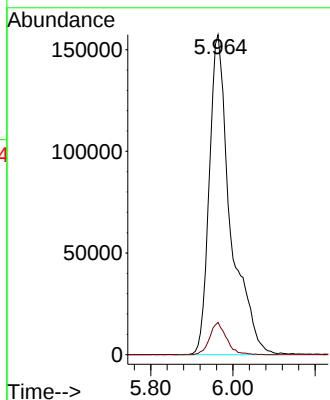
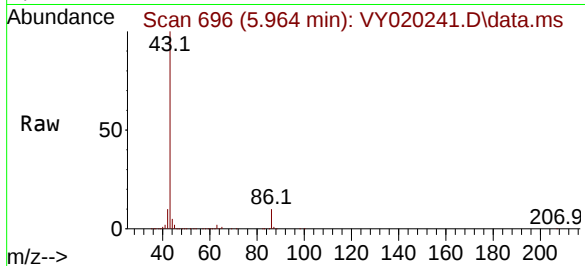




#23
 Vinyl Acetate
 Concen: 97.788 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY020241.D
 Acq: 11 Nov 2024 12:16

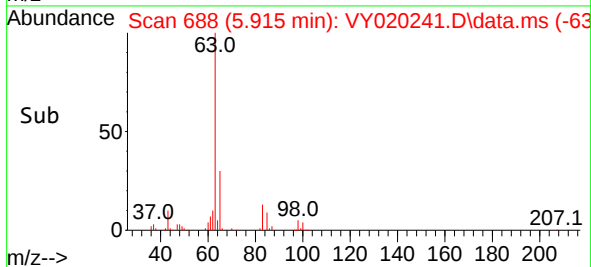
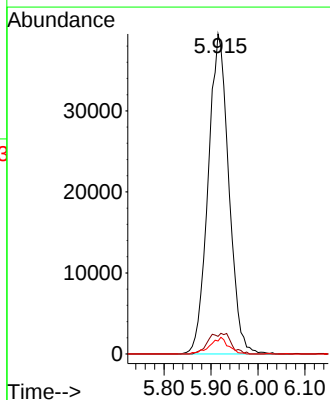
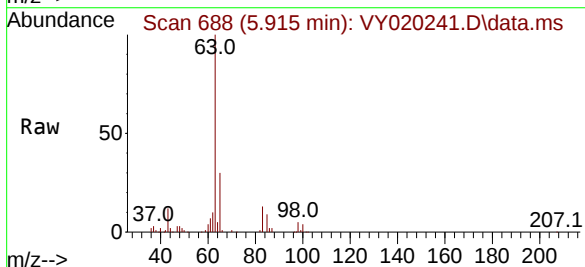
Instrument :
 MSVOA_Y
 ClientSampleId :

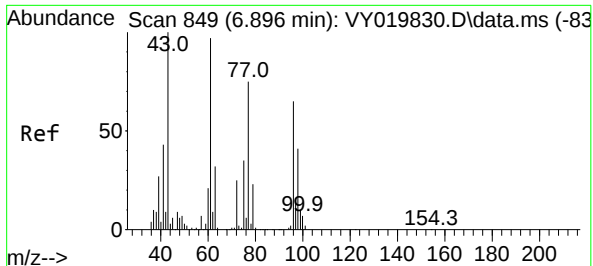
Tgt Ion: 43 Resp: 564731
 Ion Ratio Lower Upper
 43 100
 86 10.1 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 20.317 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY020241.D
 Acq: 11 Nov 2024 12:16

Tgt Ion: 63 Resp: 120722
 Ion Ratio Lower Upper
 63 100
 98 5.5 4.0 12.2
 100 4.0 2.6 8.0





#25

2-Butanone

Concen: 93.199 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.013 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

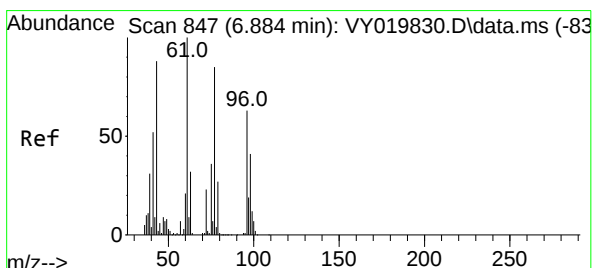
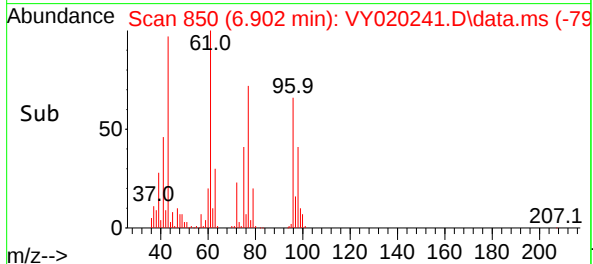
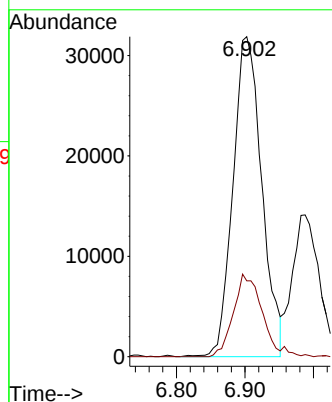
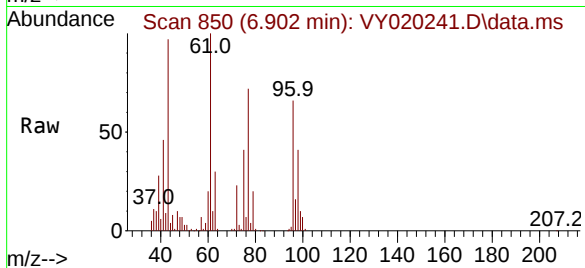
ClientSampleId :

Tgt Ion: 43 Resp: 93133

Ion Ratio Lower Upper

43 100

72 23.7 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 21.124 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY020241.D

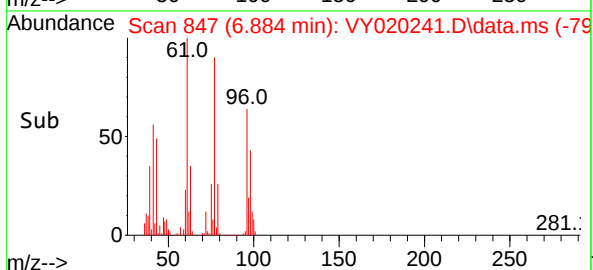
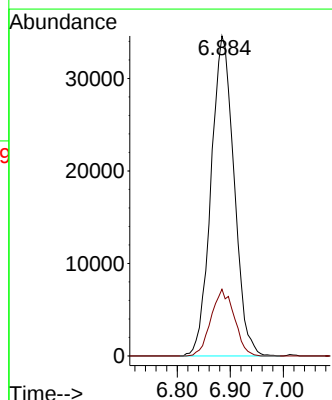
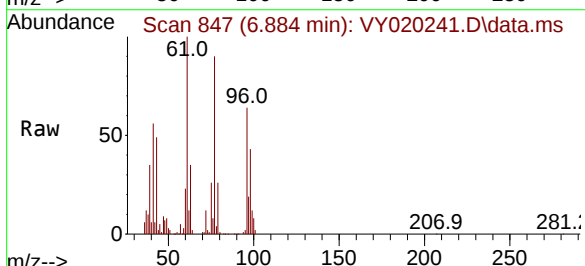
Acq: 11 Nov 2024 12:16

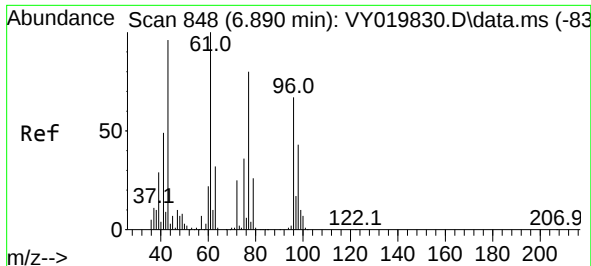
Tgt Ion: 77 Resp: 104436

Ion Ratio Lower Upper

77 100

97 21.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.286 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.000 min

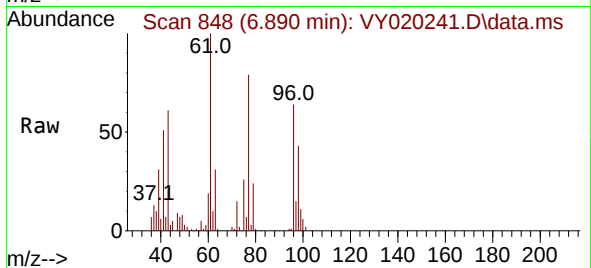
Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



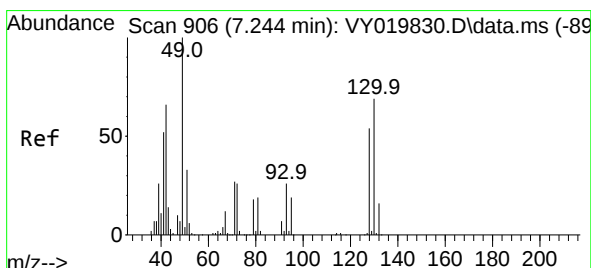
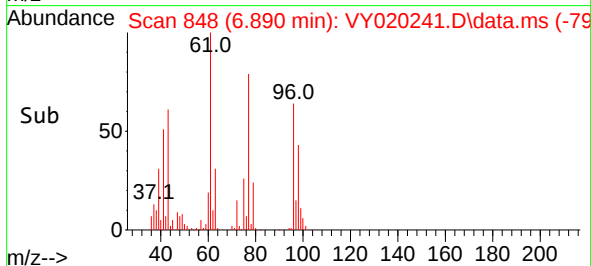
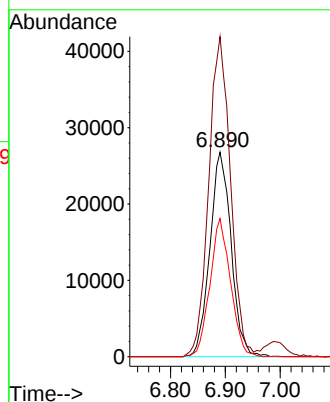
Tgt Ion: 96 Resp: 72082

Ion Ratio Lower Upper

96 100

61 159.8 0.0 256.2

98 65.3 0.0 130.0



#28

Bromochloromethane

Concen: 18.609 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

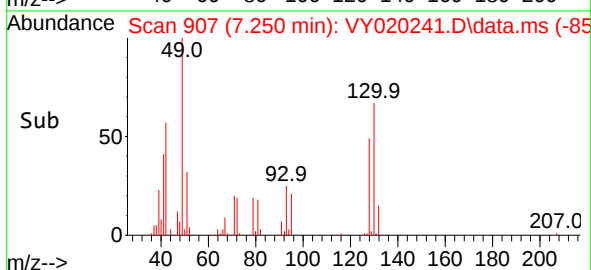
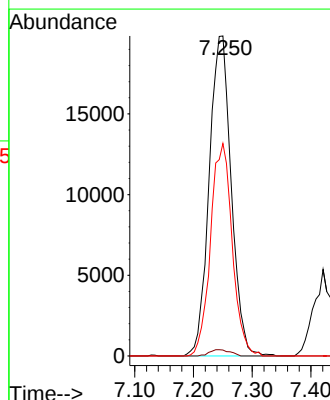
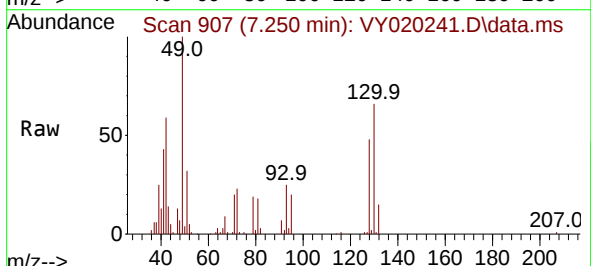
Tgt Ion: 49 Resp: 51776

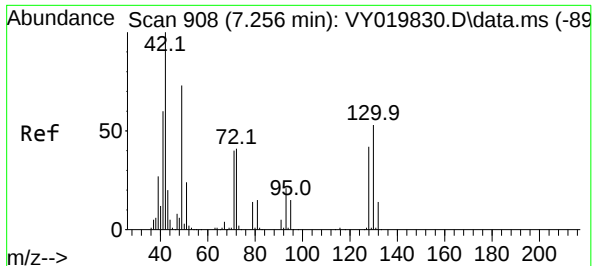
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

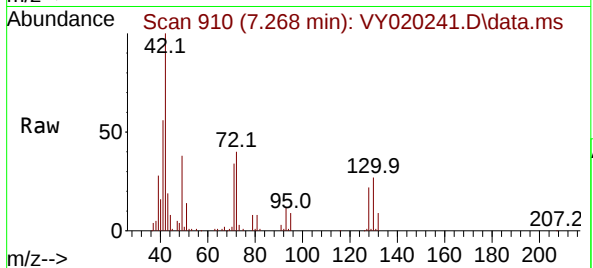
130 65.1 72.7 109.1#



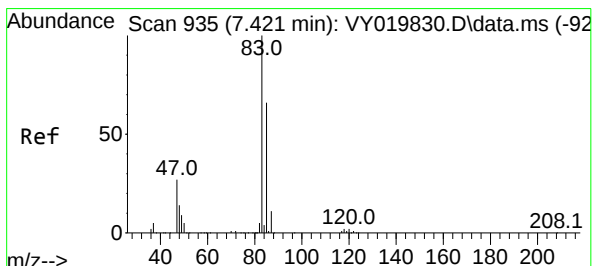
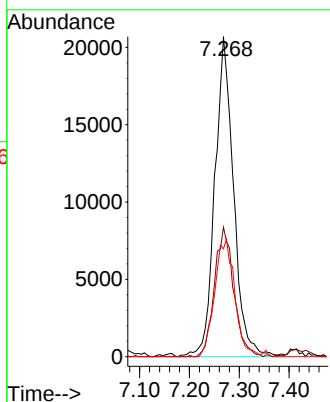
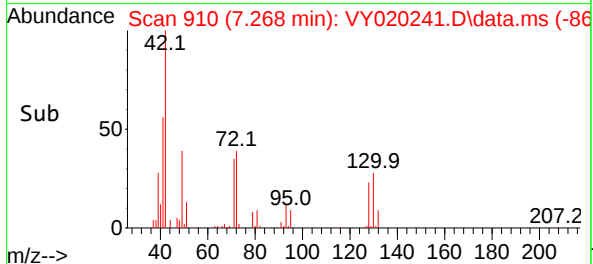


#29
Tetrahydrofuran
Concen: 93.688 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

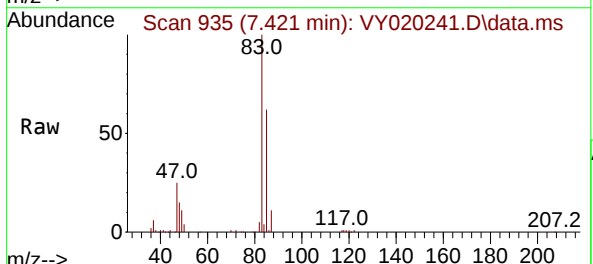
Instrument :
MSVOA_Y
ClientSampleId :



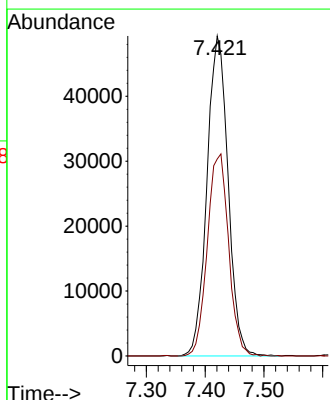
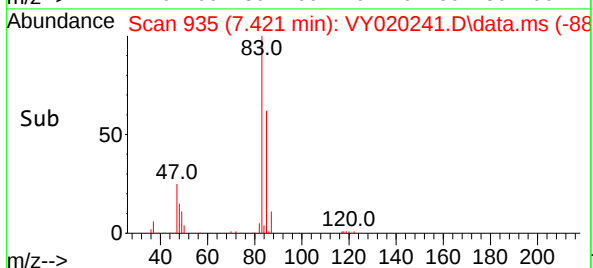
Tgt Ion: 42 Resp: 54029
Ion Ratio Lower Upper
42 100
72 41.4 43.0 64.4#
71 39.5 40.8 61.2#

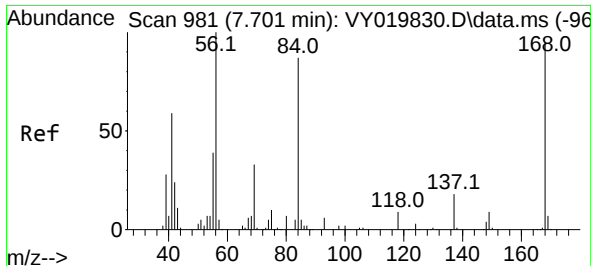


#30
Chloroform
Concen: 20.858 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16



Tgt Ion: 83 Resp: 122990
Ion Ratio Lower Upper
83 100
85 61.6 52.2 78.4

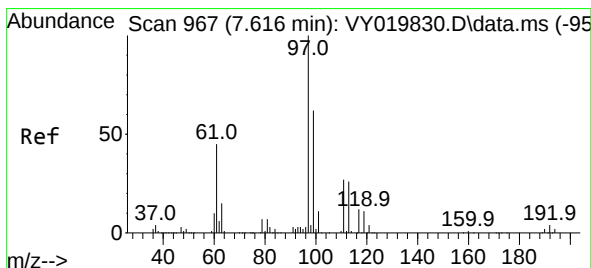
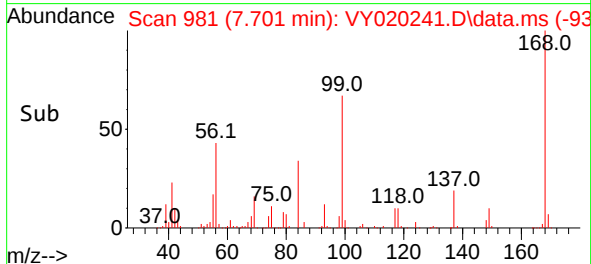
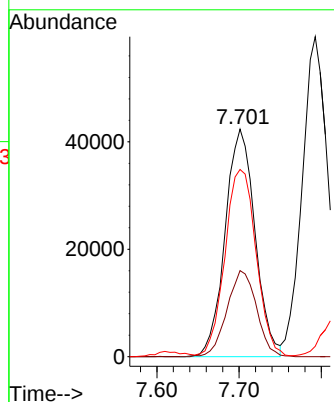
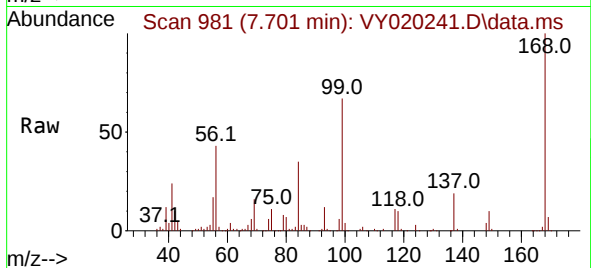




#31
Cyclohexane
Concen: 18.622 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

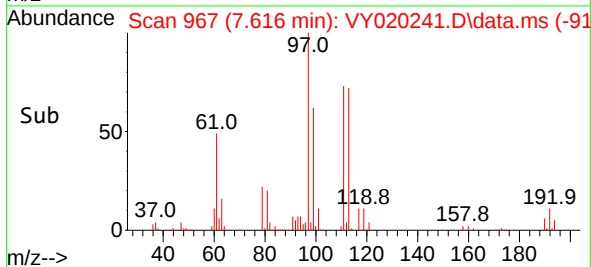
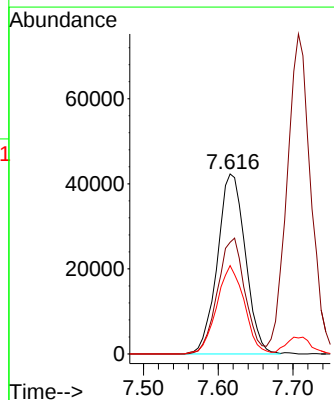
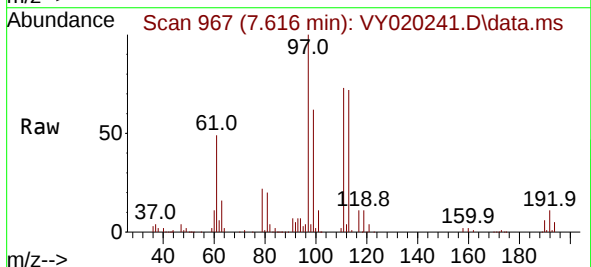
Instrument :
MSVOA_Y
ClientSampleId :

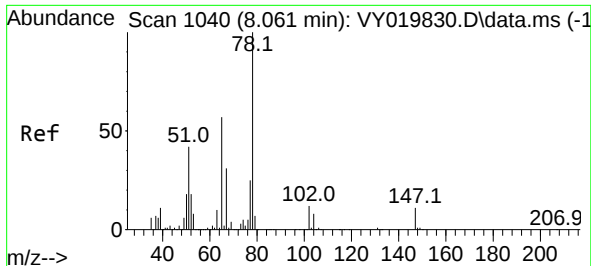
Tgt Ion: 56 Resp: 107127
Ion Ratio Lower Upper
56 100
69 37.8 28.7 43.1
84 81.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 21.350 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 97 Resp: 109910
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 48.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 52.324 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

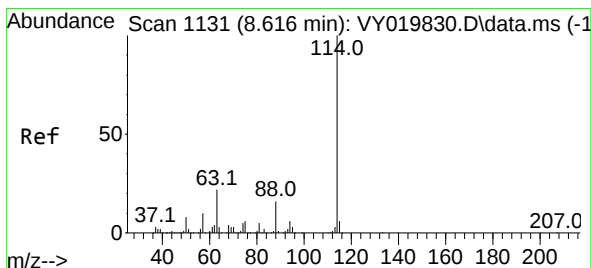
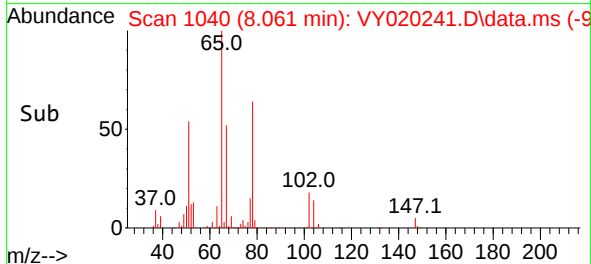
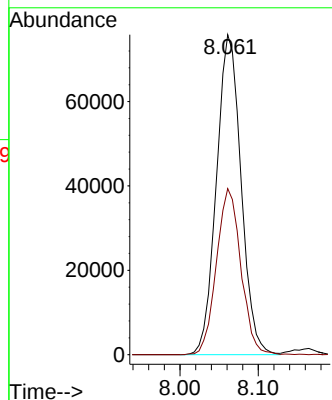
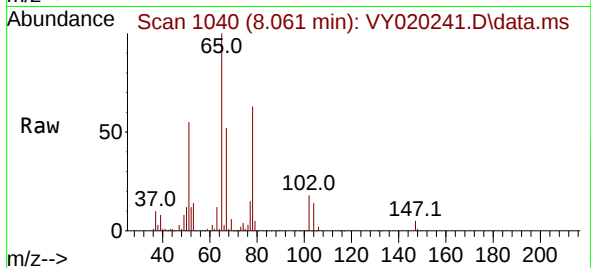
ClientSampleId :

Tgt Ion: 65 Resp: 165863

Ion Ratio Lower Upper

65 100

67 51.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

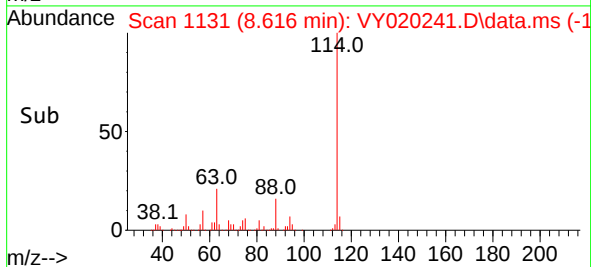
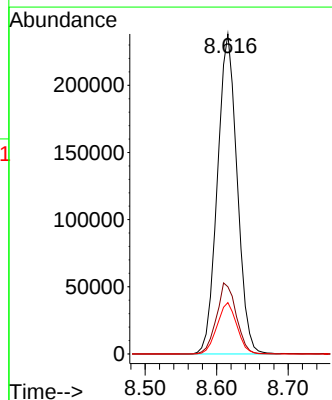
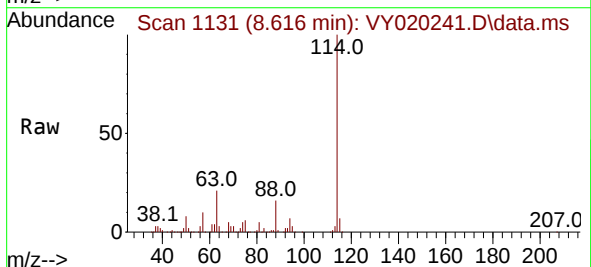
Tgt Ion: 114 Resp: 455957

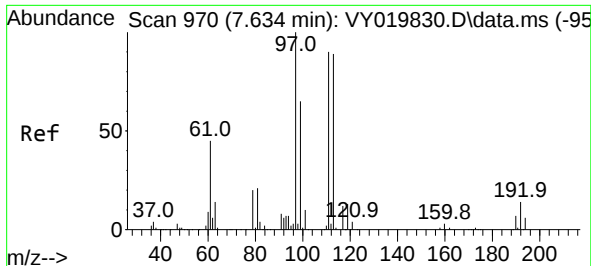
Ion Ratio Lower Upper

114 100

63 21.0 0.0 35.0

88 16.1 0.0 27.2

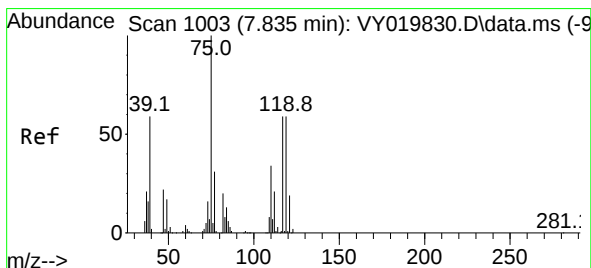
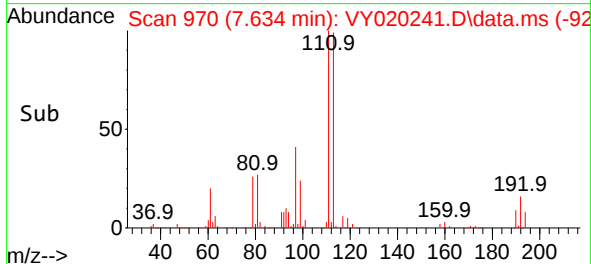
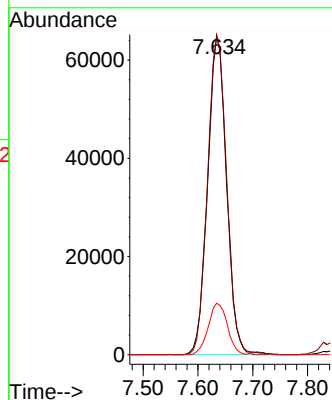
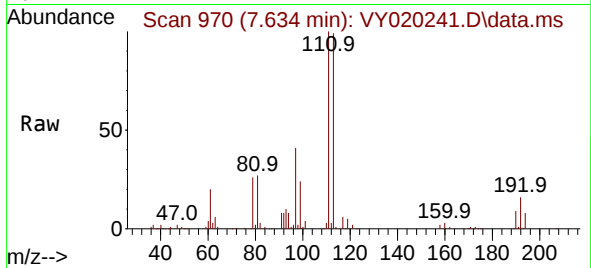




#35
Dibromofluoromethane
Concen: 53.433 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

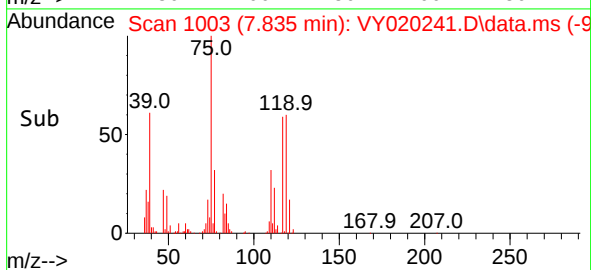
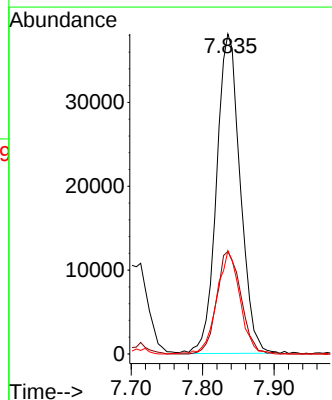
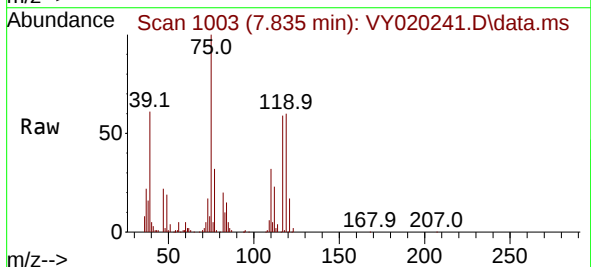
Instrument :
MSVOA_Y
ClientSampleId :

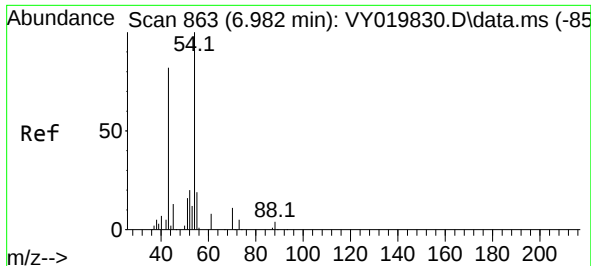
Tgt Ion:113 Resp: 154900
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 16.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.541 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 75 Resp: 87511
Ion Ratio Lower Upper
75 100
110 33.0 19.0 57.0
77 31.7 25.3 37.9





#37

Ethyl Acetate

Concen: 18.090 ug/l

RT: 6.988 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

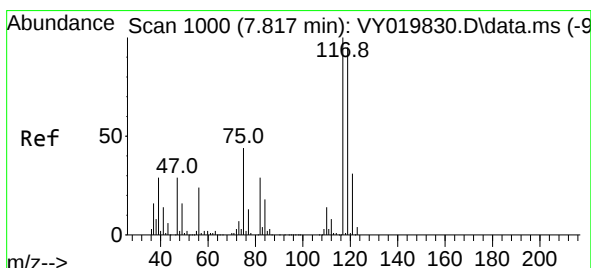
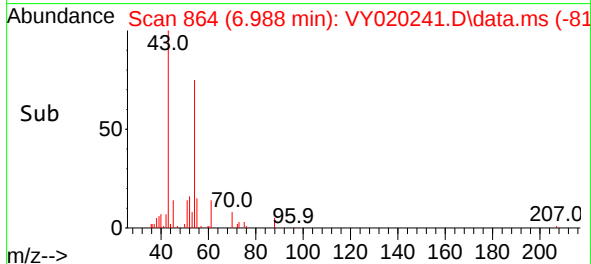
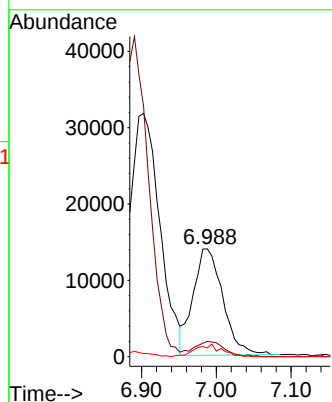
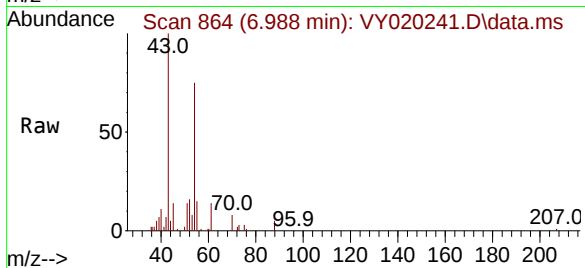
Tgt Ion: 43 Resp: 38623

Ion Ratio Lower Upper

43 100

61 13.6 12.6 19.0

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 20.110 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

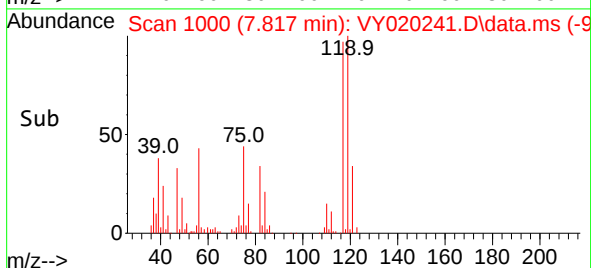
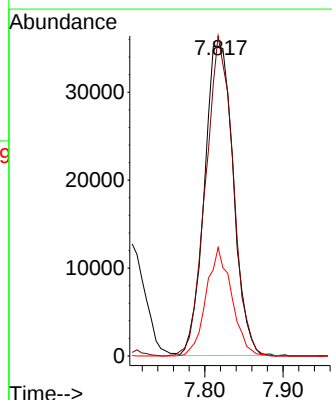
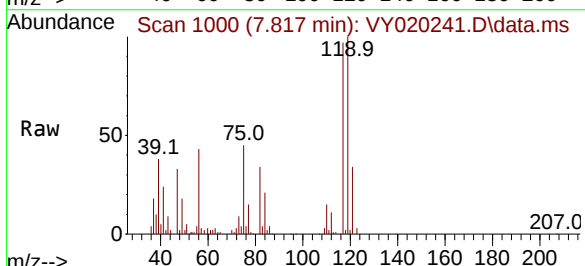
Tgt Ion: 117 Resp: 90560

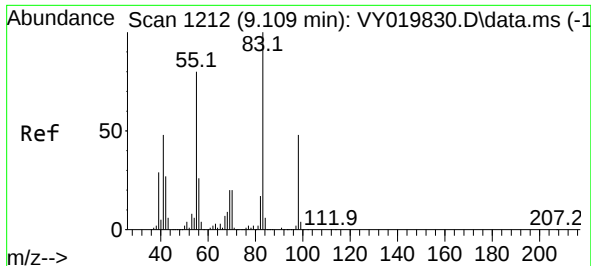
Ion Ratio Lower Upper

117 100

119 103.5 75.8 113.6

121 35.1 24.0 36.0





#39

Methylcyclohexane

Concen: 18.883 ug/l

RT: 9.109 min Scan# 11

Delta R.T. 0.000 min

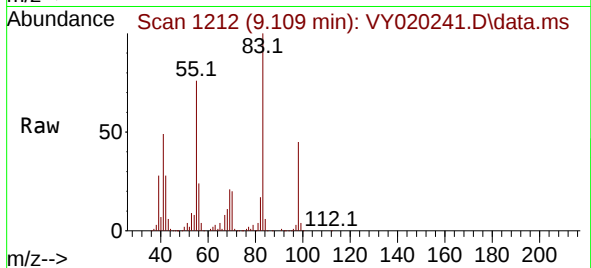
Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



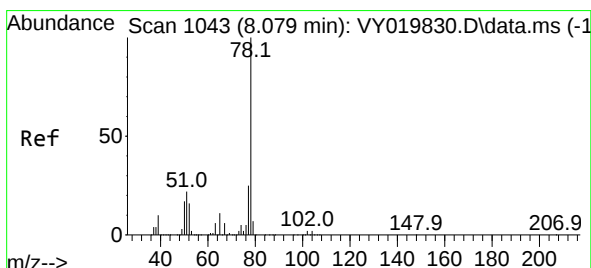
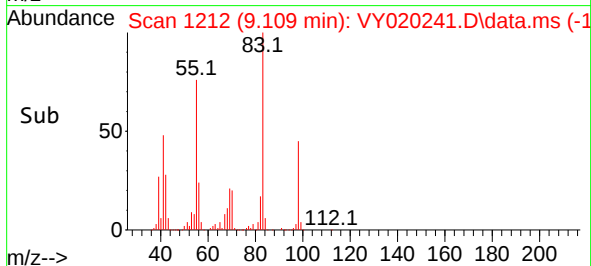
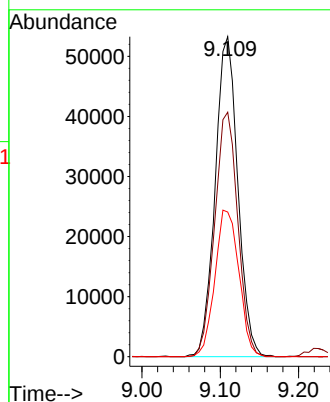
Tgt Ion: 83 Resp: 107324

Ion Ratio Lower Upper

83 100

55 76.4 51.5 77.3

98 45.2 40.5 60.7



#40

Benzene

Concen: 20.370 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY020241.D

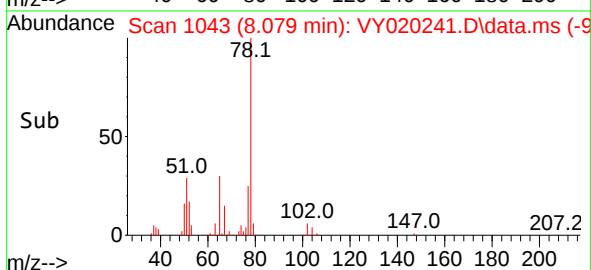
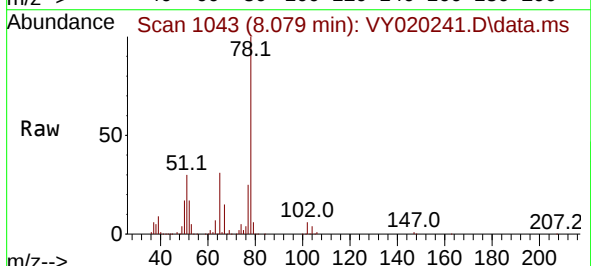
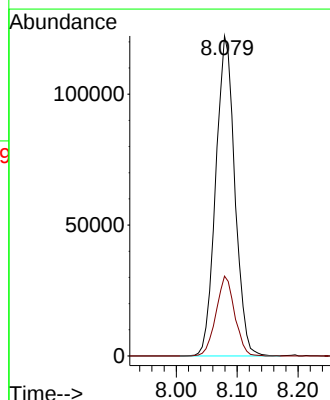
Acq: 11 Nov 2024 12:16

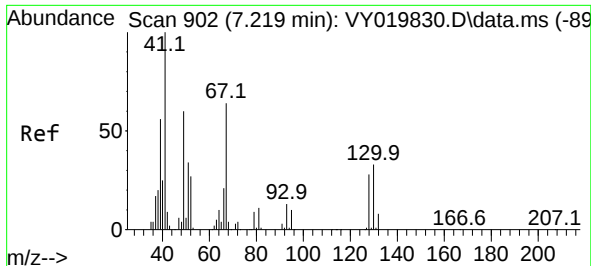
Tgt Ion: 78 Resp: 266254

Ion Ratio Lower Upper

78 100

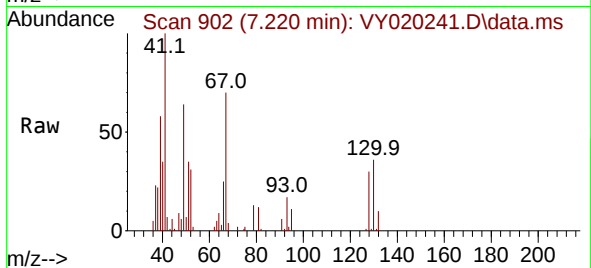
77 25.0 19.5 29.3



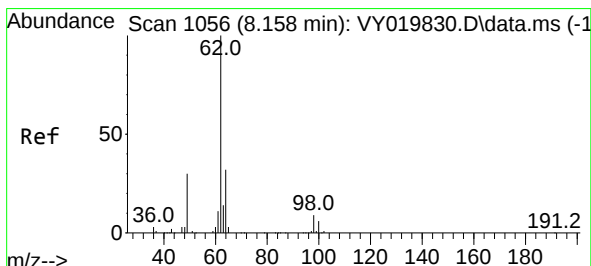
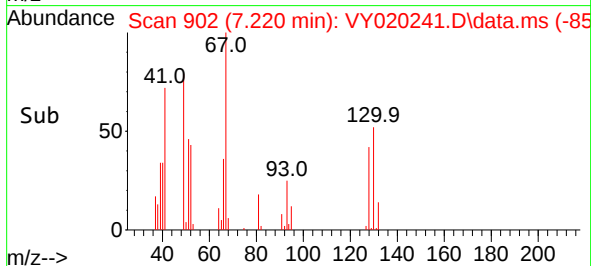
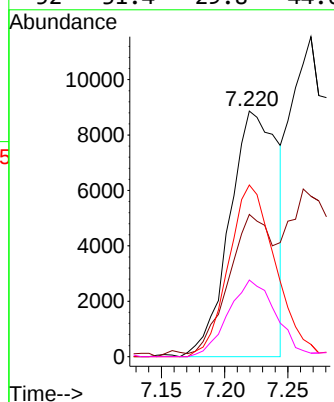


#41
Methacrylonitrile
Concen: 21.878 ug/l
RT: 7.220 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Instrument :
MSVOA_Y
ClientSampleId :

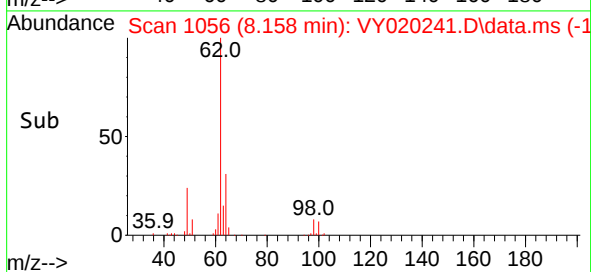
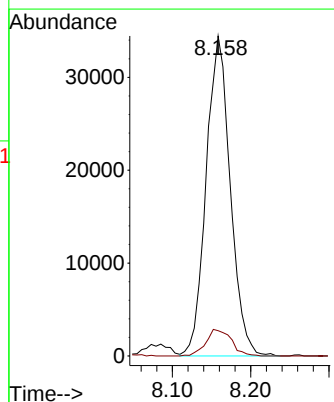
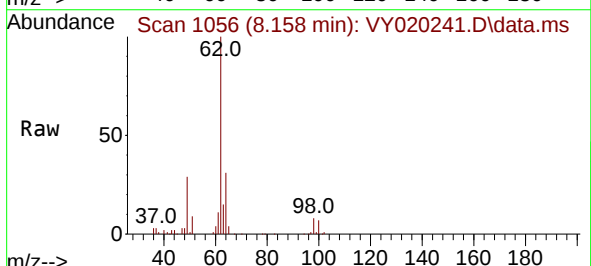


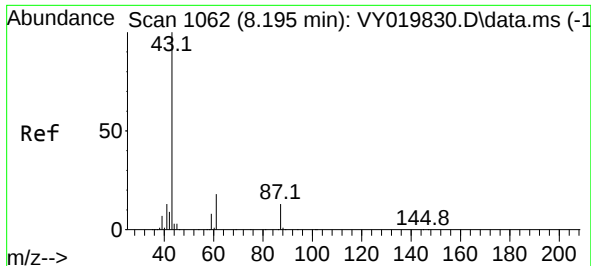
Tgt Ion:	41	Resp:	23399
Ion	Ratio	Lower	Upper
41	100		
39	49.2	48.0	72.0
67	68.2	75.1	112.7#
52	31.4	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.388 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion:	62	Resp:	73765
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	22.0

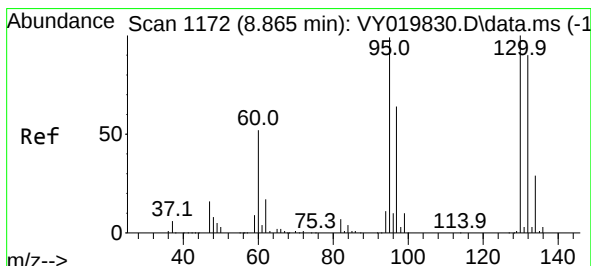
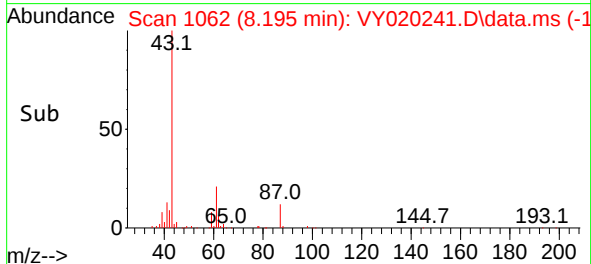
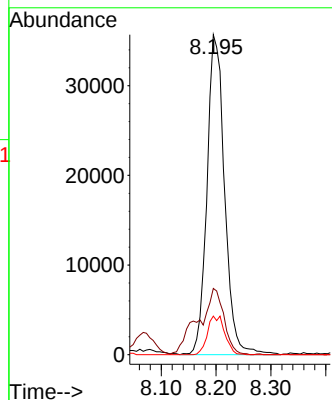
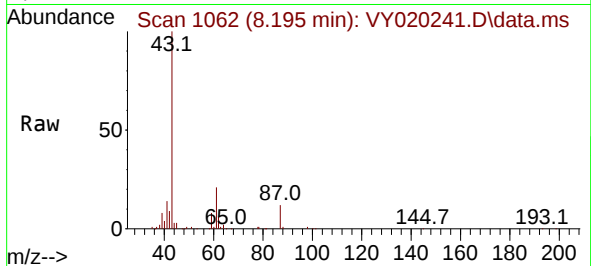




#43
Isopropyl Acetate
Concen: 19.375 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

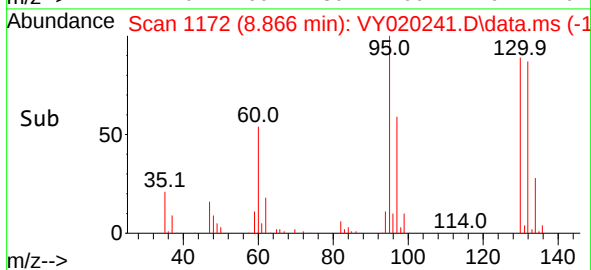
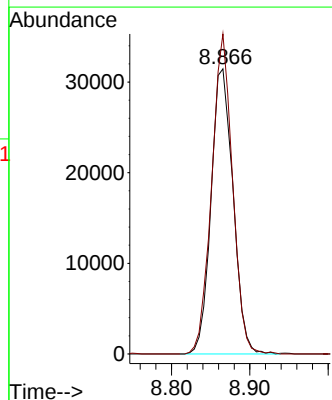
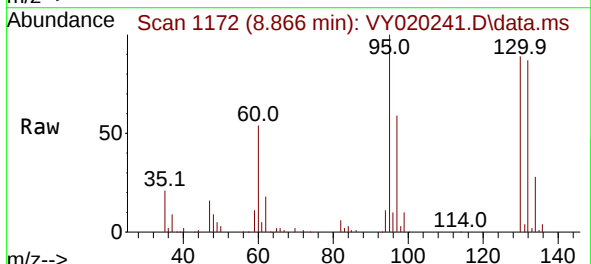
Instrument :
MSVOA_Y
ClientSampleId :

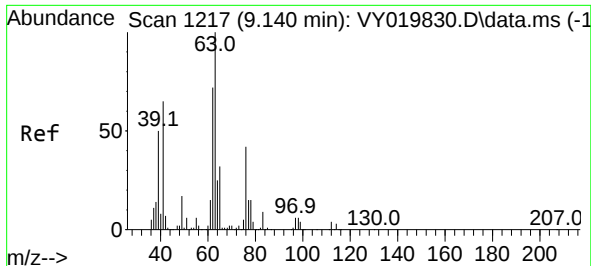
Tgt Ion: 43 Resp: 79549
Ion Ratio Lower Upper
43 100
61 19.0 27.9 41.9#
87 11.8 13.1 19.7#



#44
Trichloroethene
Concen: 20.291 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion:130 Resp: 61471
Ion Ratio Lower Upper
130 100
95 112.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.535 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

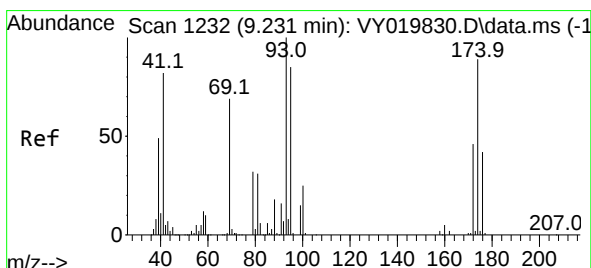
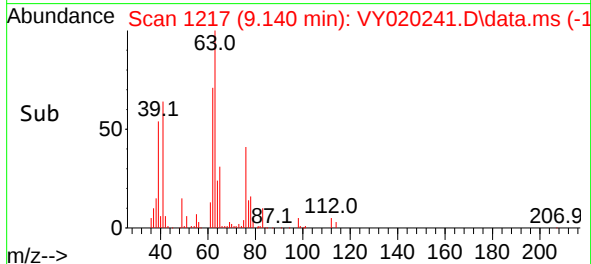
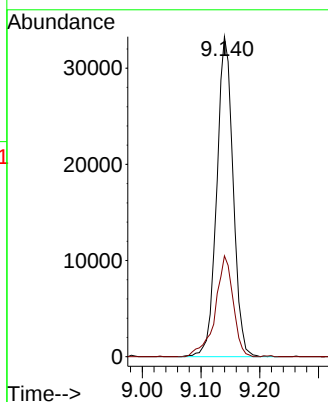
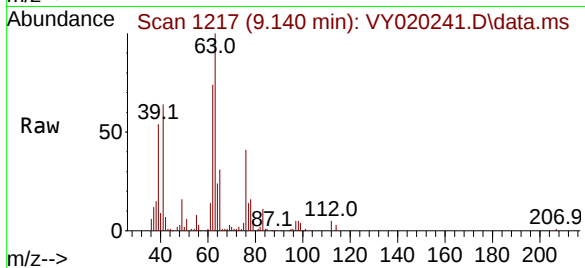
ClientSampleId :

Tgt Ion: 63 Resp: 64220

Ion Ratio Lower Upper

63 100

65 31.5 25.4 38.2



#46

Dibromomethane

Concen: 20.066 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

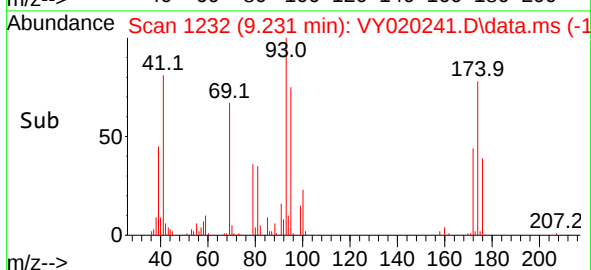
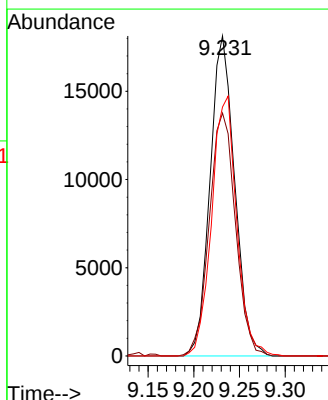
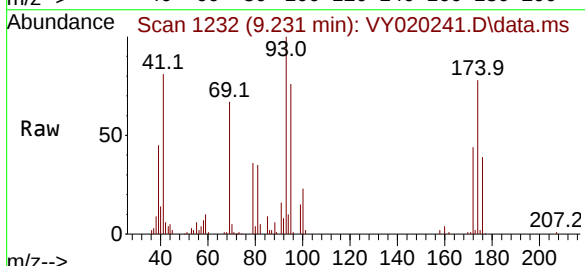
Tgt Ion: 93 Resp: 34002

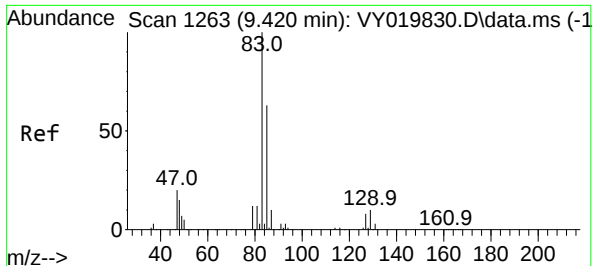
Ion Ratio Lower Upper

93 100

95 80.7 66.2 99.4

174 82.7 80.9 121.3





#47

Bromodichloromethane

Concen: 20.654 ug/l

RT: 9.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

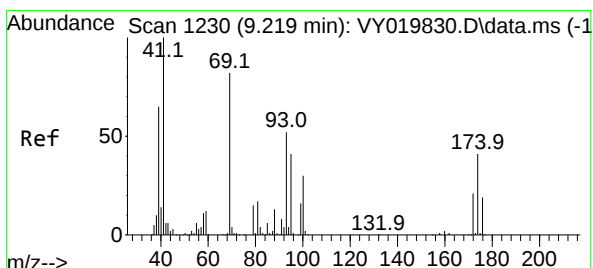
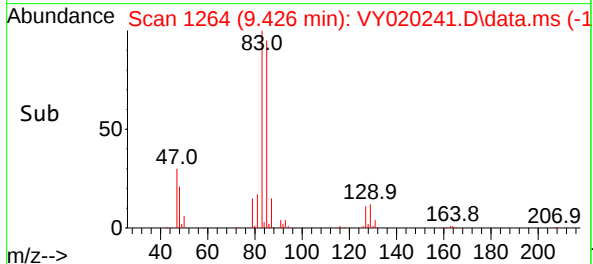
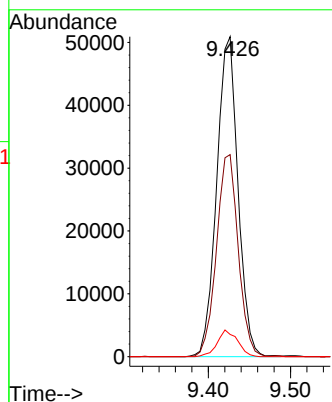
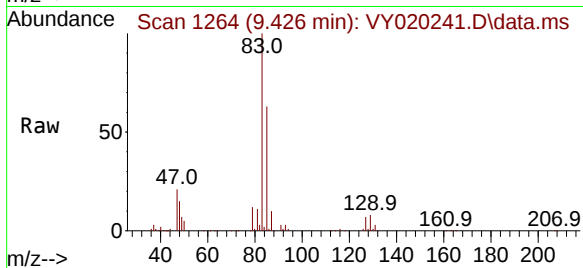
Tgt Ion: 83 Resp: 91687

Ion Ratio Lower Upper

83 100

85 63.1 50.1 75.1

127 6.9 7.4 11.0#



#48

Methyl methacrylate

Concen: 19.029 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

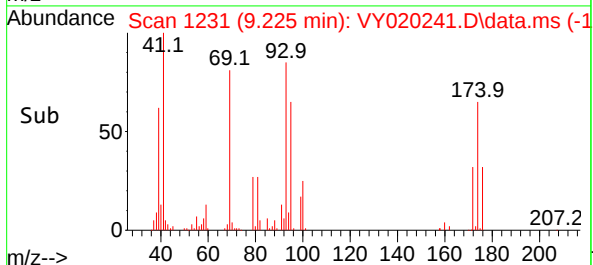
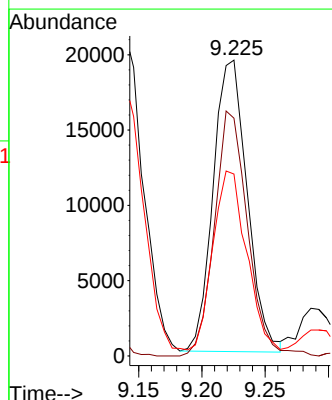
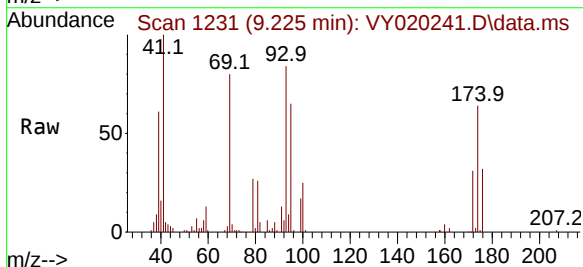
Tgt Ion: 41 Resp: 36189

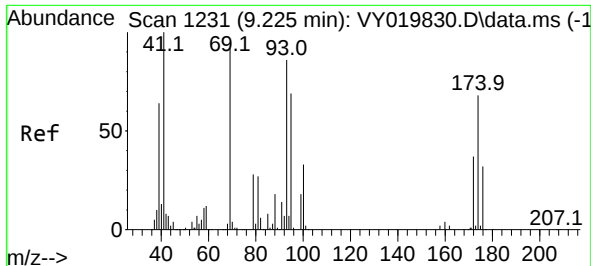
Ion Ratio Lower Upper

41 100

69 81.8 84.1 126.1#

39 60.8 43.6 65.4





#49

1,4-Dioxane

Concen: 359.225 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

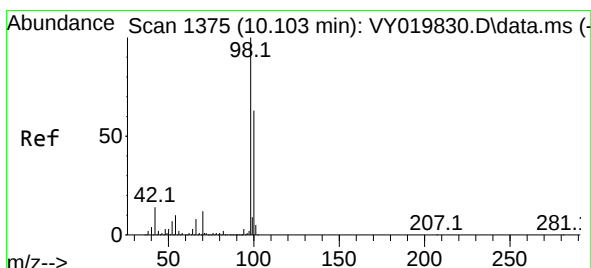
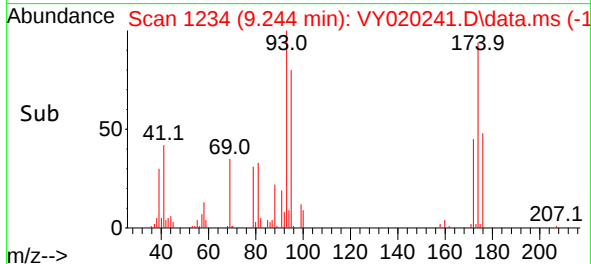
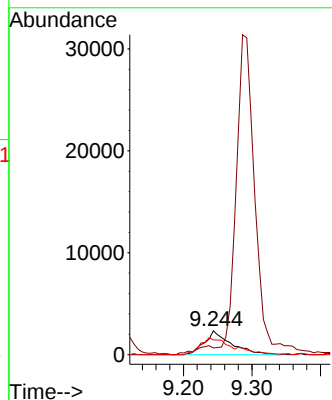
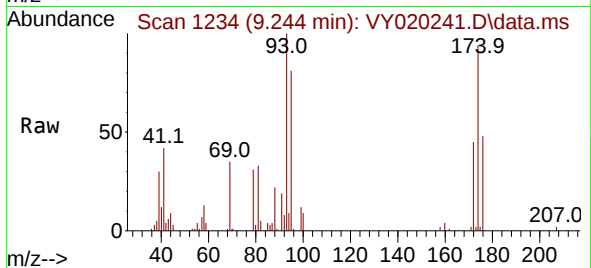
Tgt Ion: 88 Resp: 6267

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 88.5 49.3 73.9#



#50

Toluene-d8

Concen: 52.067 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020241.D

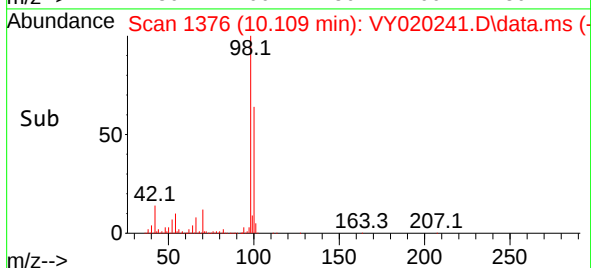
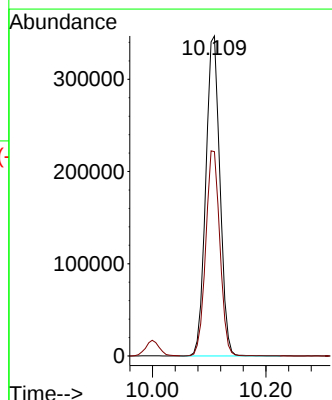
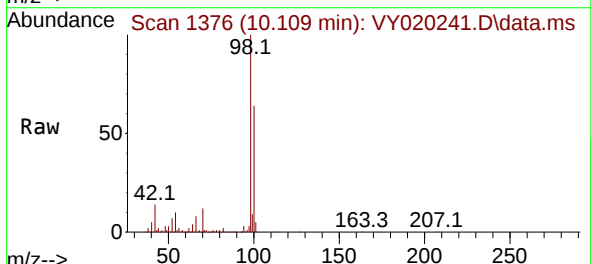
Acq: 11 Nov 2024 12:16

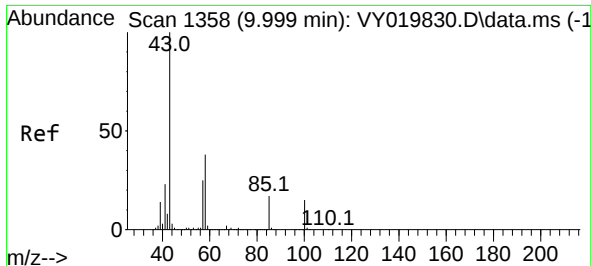
Tgt Ion: 98 Resp: 600816

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 95.344 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

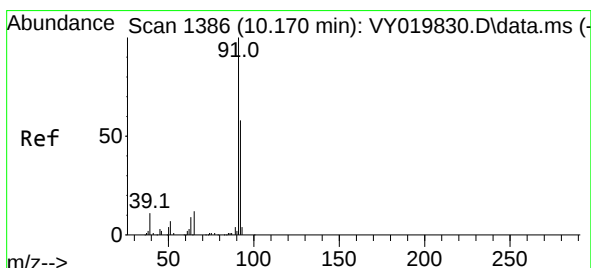
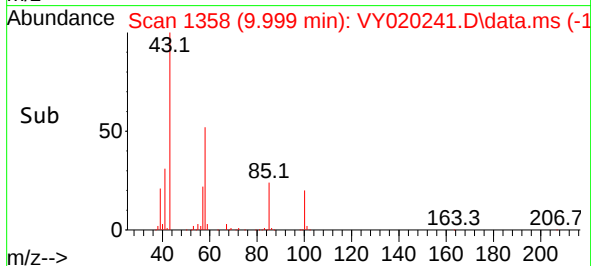
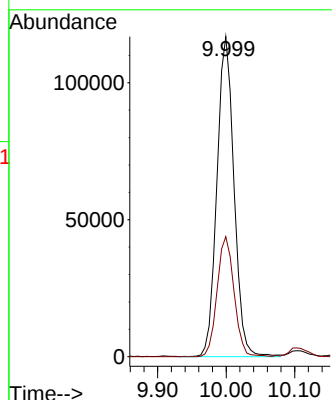
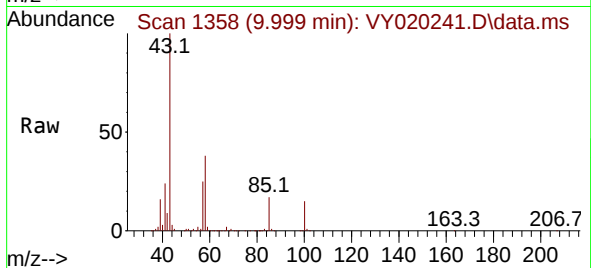
ClientSampleId :

Tgt Ion: 43 Resp: 201703

Ion Ratio Lower Upper

43 100

58 37.2 35.7 53.5



#52

Toluene

Concen: 20.300 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020241.D

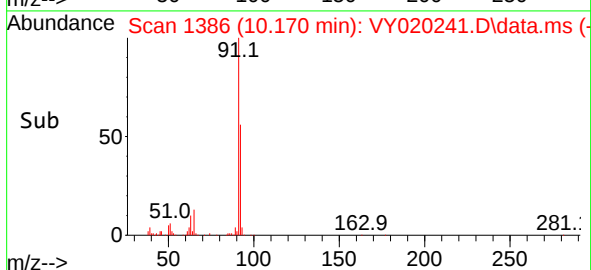
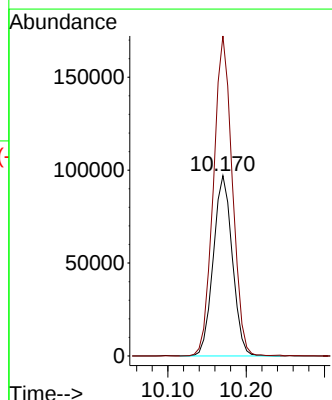
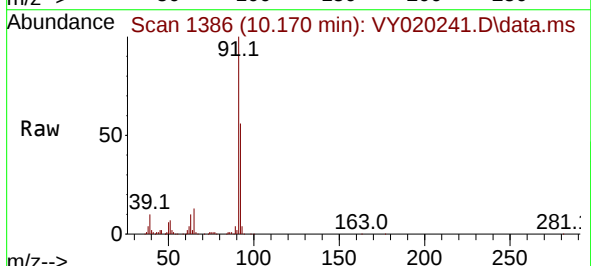
Acq: 11 Nov 2024 12:16

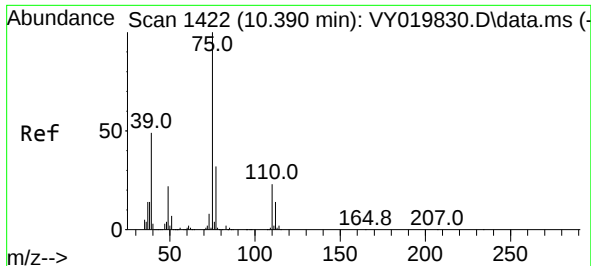
Tgt Ion: 92 Resp: 163562

Ion Ratio Lower Upper

92 100

91 176.3 139.0 208.6

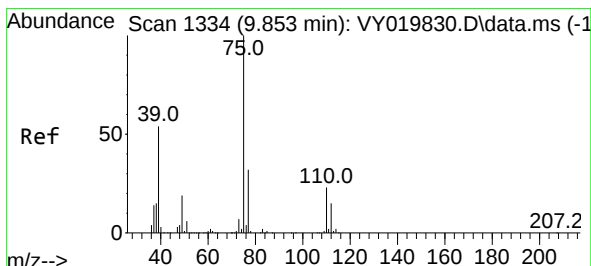
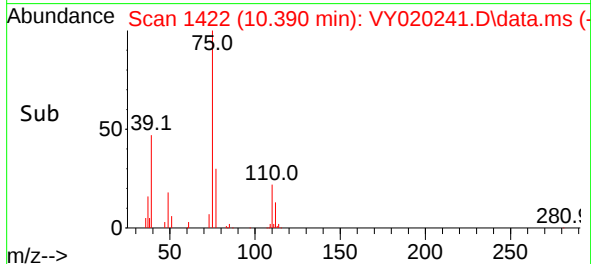
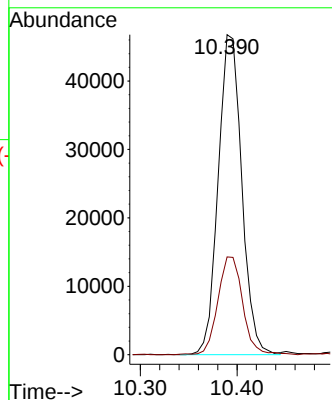
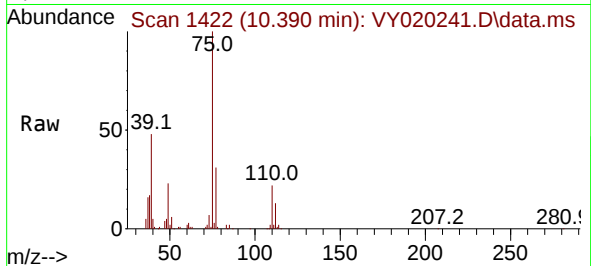




#53
 t-1,3-Dichloropropene
 Concen: 20.170 ug/l
 RT: 10.390 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY020241.D
 Acq: 11 Nov 2024 12:16

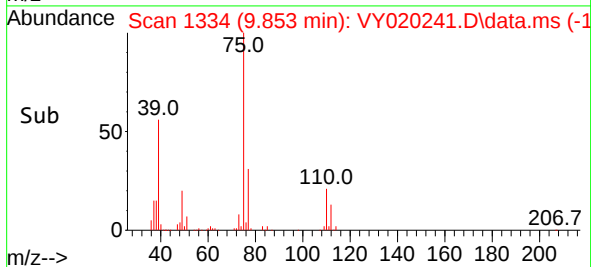
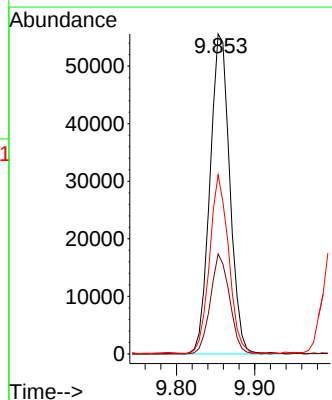
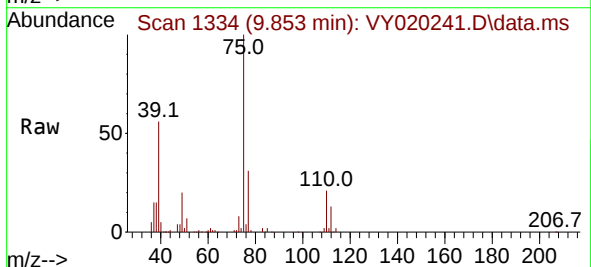
Instrument :
 MSVOA_Y
 ClientSampleId :

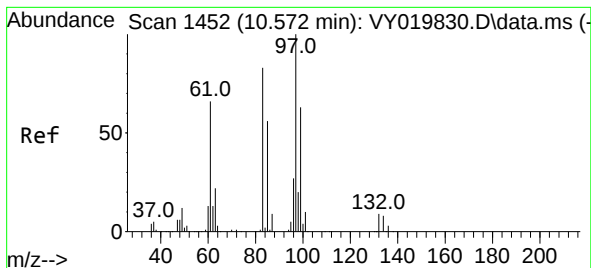
Tgt Ion: 75 Resp: 79067
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.904 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. -0.006 min
 Lab File: VY020241.D
 Acq: 11 Nov 2024 12:16

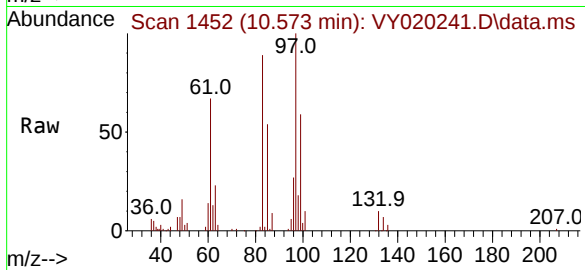
Tgt Ion: 75 Resp: 97807
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 55.8 29.8 44.6#



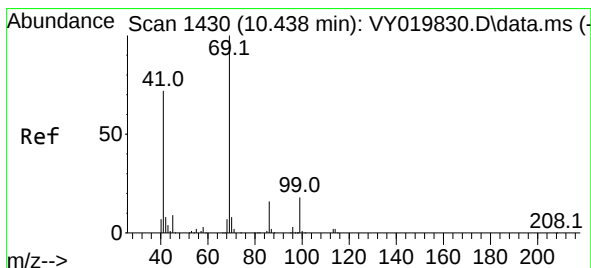
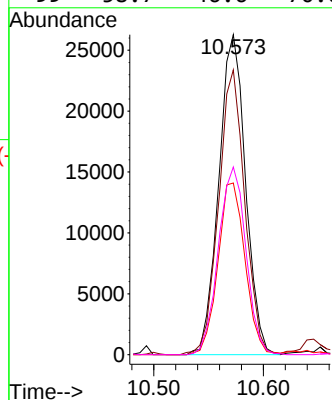
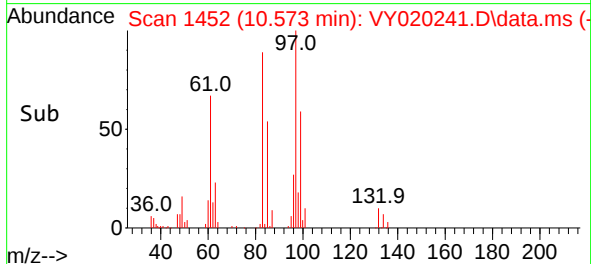


#55
1,1,2-Trichloroethane
Concen: 21.160 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

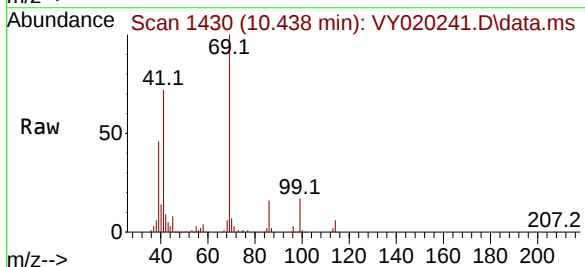
Instrument :
MSVOA_Y
ClientSampleId :



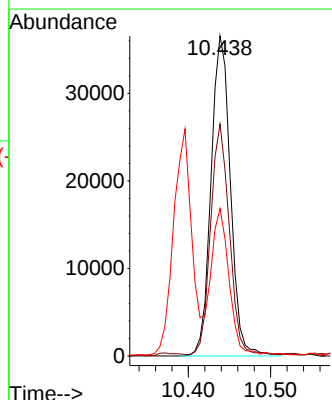
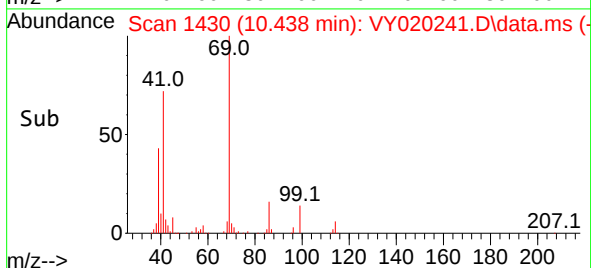
Tgt Ion: 97	Resp: 44581
Ion Ratio	Lower Upper
97 100	
83 89.0	67.5 101.3
85 53.7	42.9 64.3
99 58.7	46.6 70.0

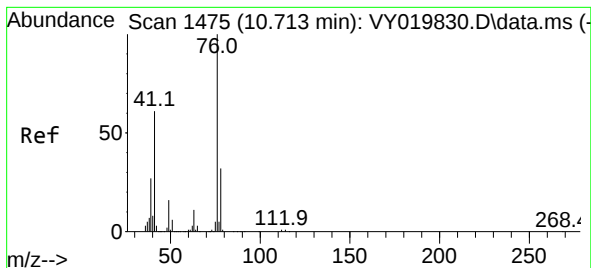


#56
Ethyl methacrylate
Concen: 19.824 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16



Tgt Ion: 69	Resp: 59914
Ion Ratio	Lower Upper
69 100	
41 69.0	42.3 63.5#
39 43.7	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.341 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

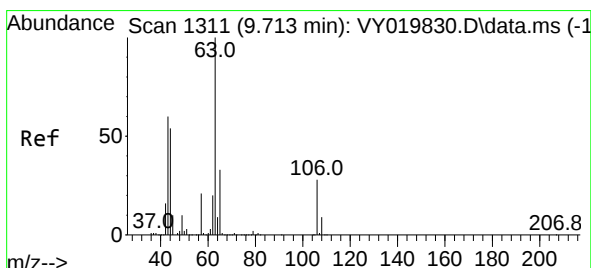
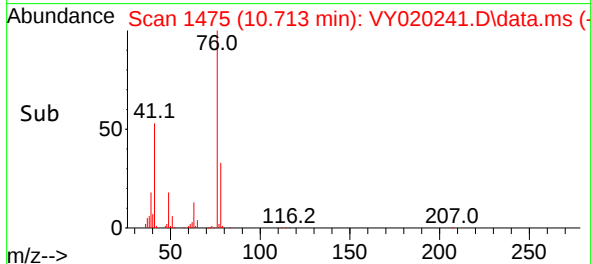
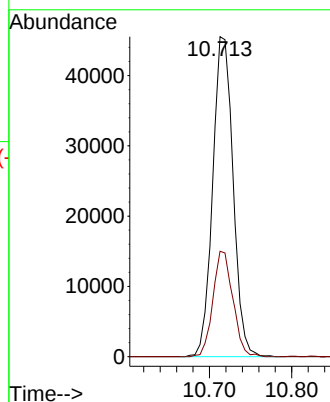
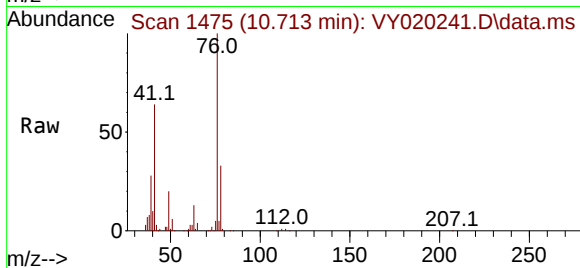
ClientSampleId :

Tgt Ion: 76 Resp: 78482

Ion Ratio Lower Upper

76 100

78 32.2 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.147 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VY020241.D

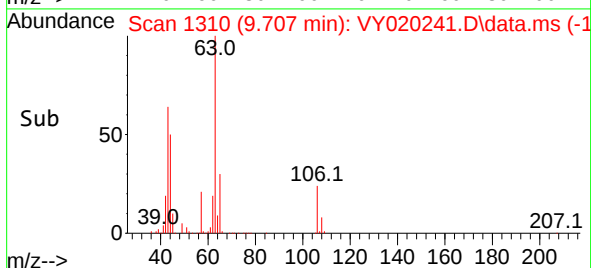
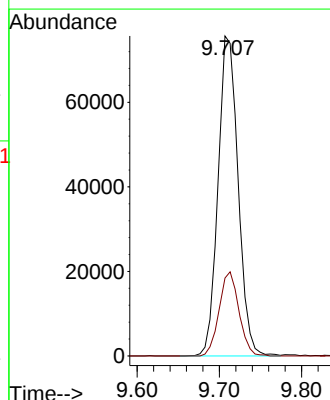
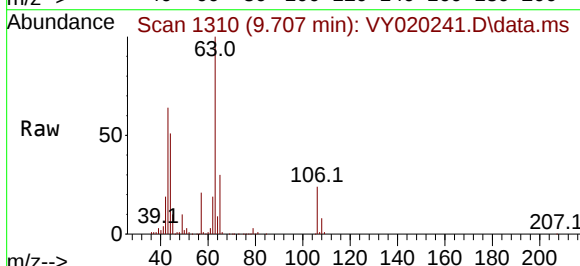
Acq: 11 Nov 2024 12:16

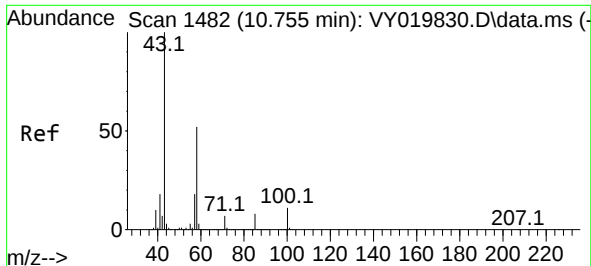
Tgt Ion: 63 Resp: 128400

Ion Ratio Lower Upper

63 100

106 26.0 23.7 35.5





#59

2-Hexanone

Concen: 95.232 ug/l

RT: 10.762 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

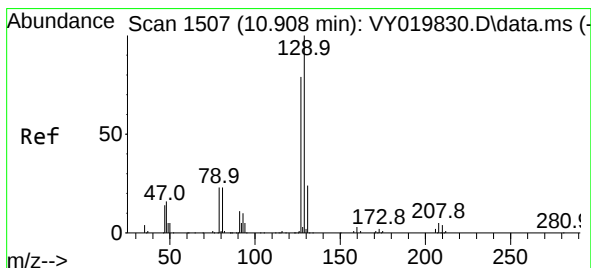
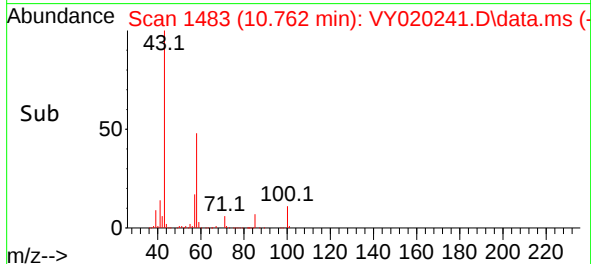
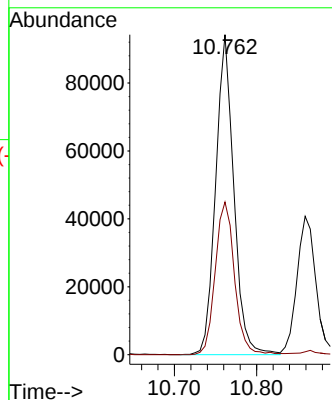
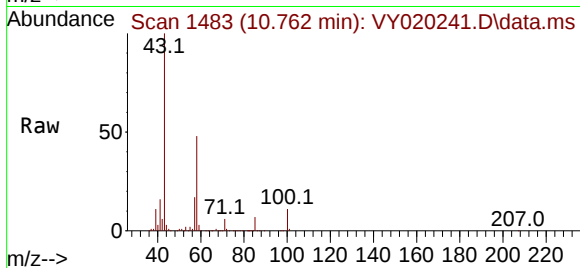
ClientSampleId :

Tgt Ion: 43 Resp: 144436

Ion Ratio Lower Upper

43 100

58 50.7 31.4 94.0



#60

Dibromochloromethane

Concen: 20.634 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. -0.006 min

Lab File: VY020241.D

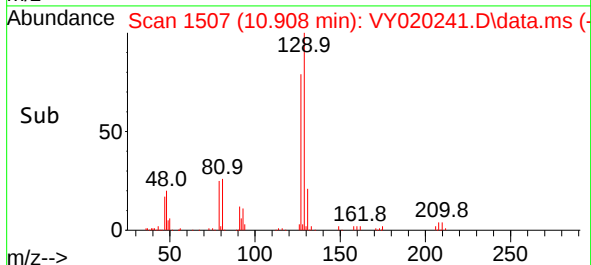
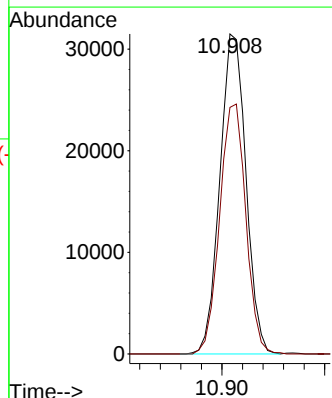
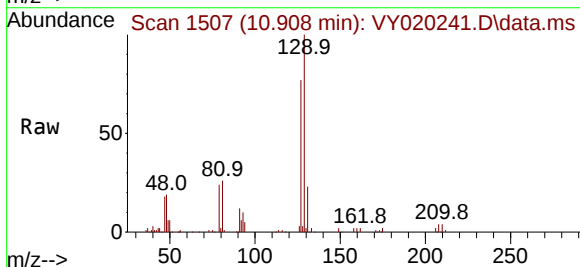
Acq: 11 Nov 2024 12:16

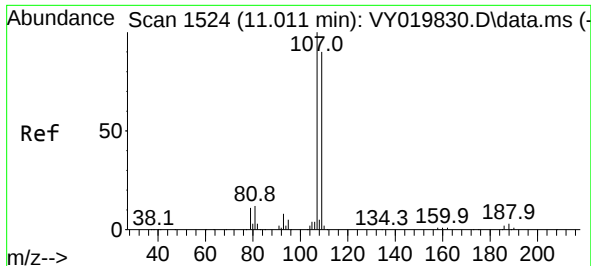
Tgt Ion: 129 Resp: 55415

Ion Ratio Lower Upper

129 100

127 78.3 39.0 117.0

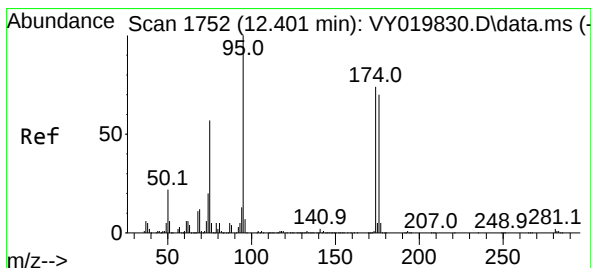
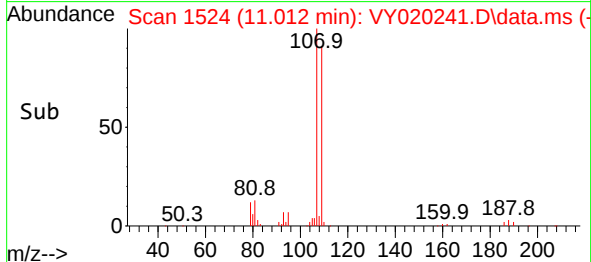
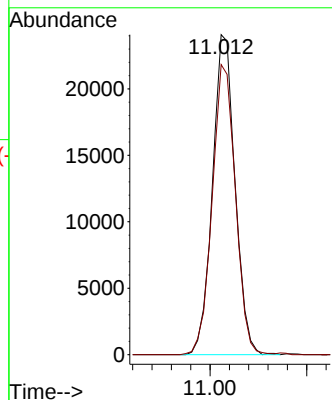
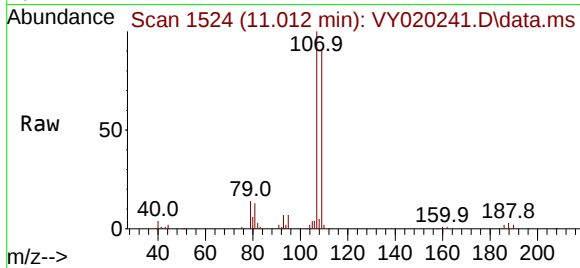




#61
1,2-Dibromoethane
Concen: 19.895 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

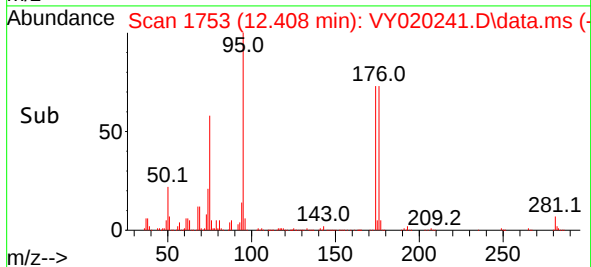
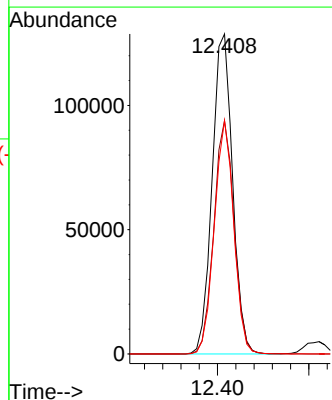
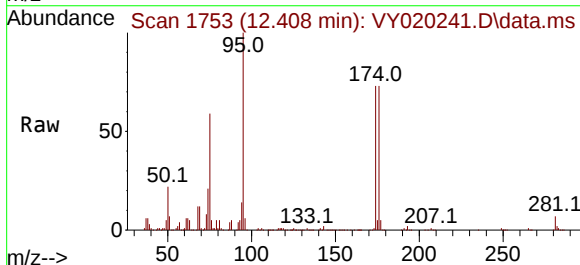
Instrument :
MSVOA_Y
ClientSampleId :

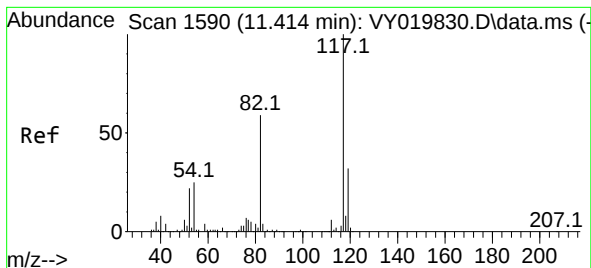
Tgt Ion:107 Resp: 38944
Ion Ratio Lower Upper
107 100
109 93.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 53.234 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 95 Resp: 199524
Ion Ratio Lower Upper
95 100
174 72.5 0.0 175.6
176 69.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

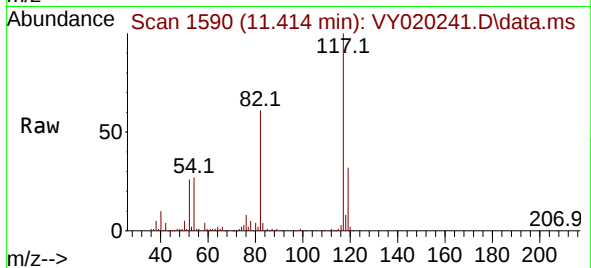
Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :



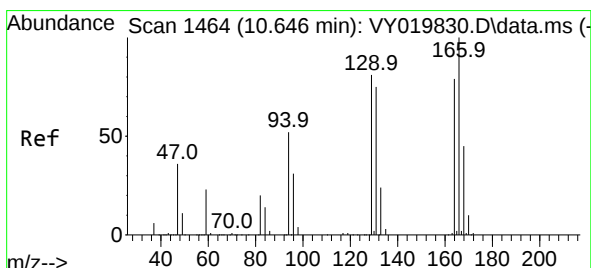
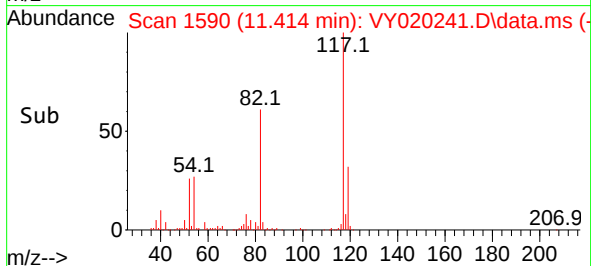
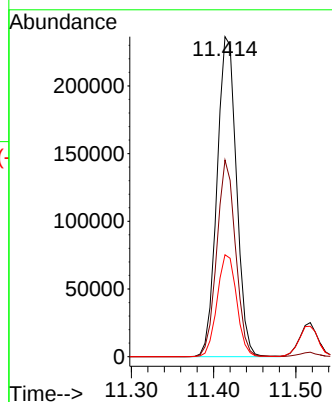
Tgt Ion:117 Resp: 389005

Ion Ratio Lower Upper

117 100

82 61.5 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 21.640 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Tgt Ion:164 Resp: 55581

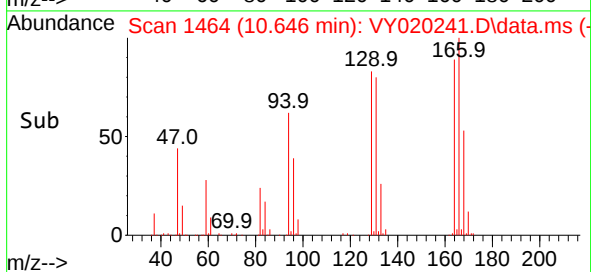
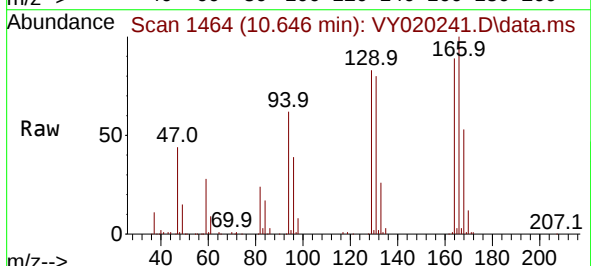
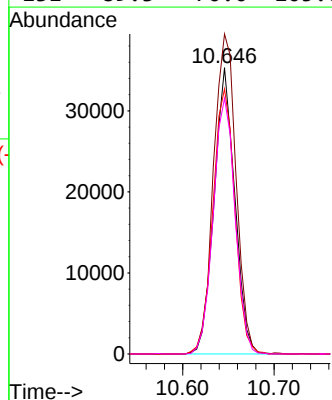
Ion Ratio Lower Upper

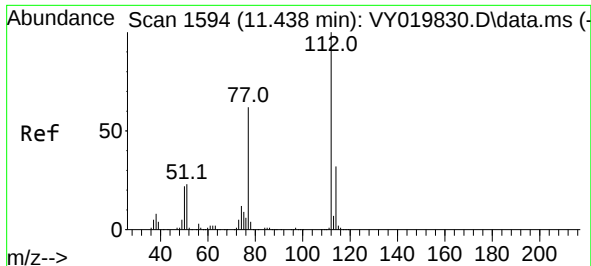
164 100

166 111.8 102.6 154.0

129 92.5 72.0 108.0

131 89.3 70.0 105.0

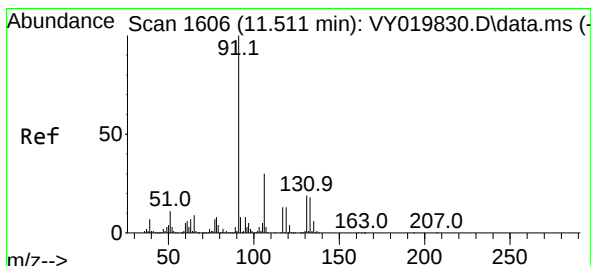
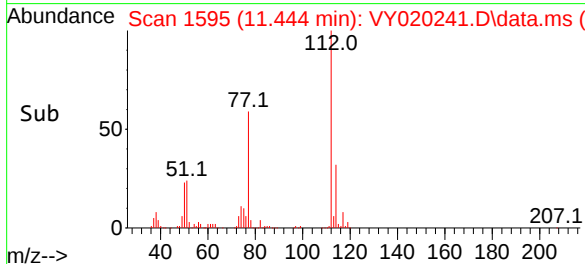
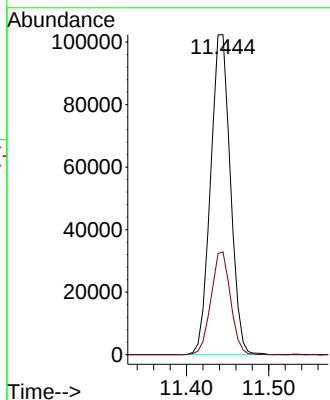
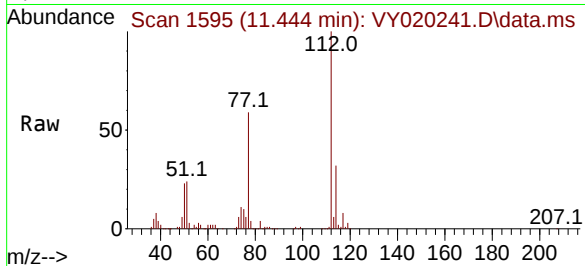




#65
Chlorobenzene
Concen: 20.680 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

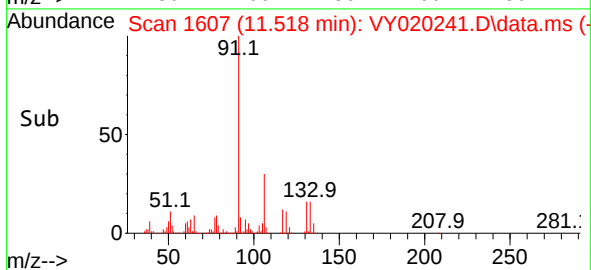
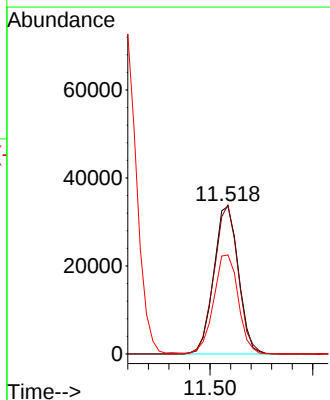
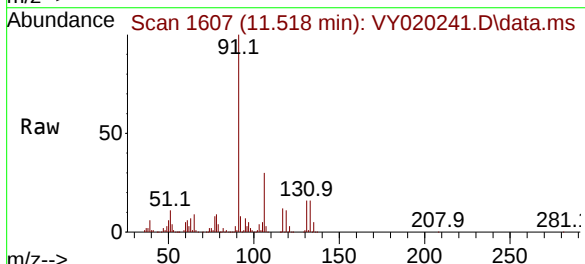
Instrument :
MSVOA_Y
ClientSampleId :

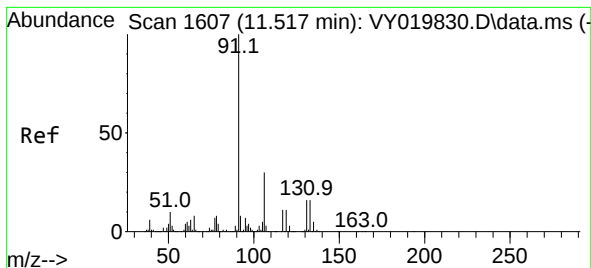
Tgt Ion:112 Resp: 171415
Ion Ratio Lower Upper
112 100
114 32.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.111 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion:131 Resp: 55907
Ion Ratio Lower Upper
131 100
133 98.5 47.8 143.3
119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 20.641 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

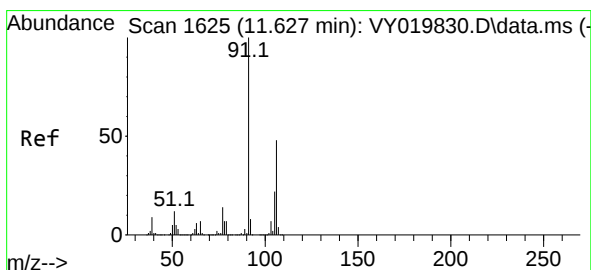
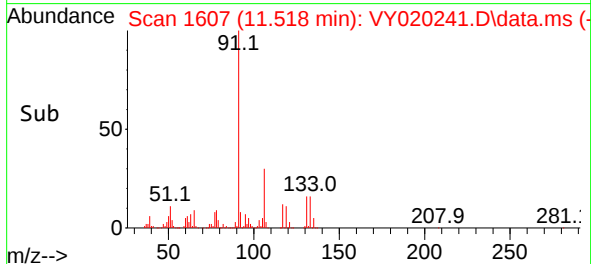
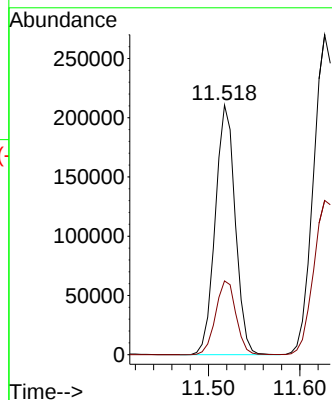
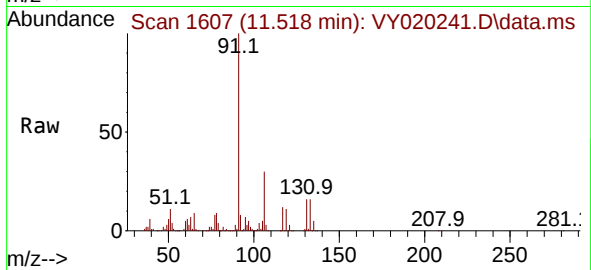
ClientSampleId :

Tgt Ion: 91 Resp: 319818

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 42.344 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY020241.D

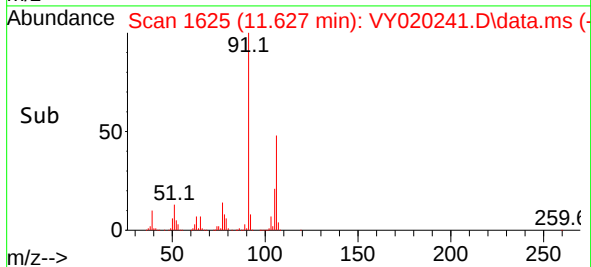
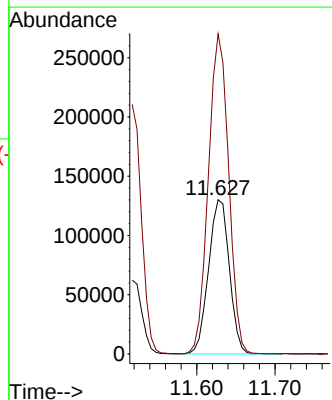
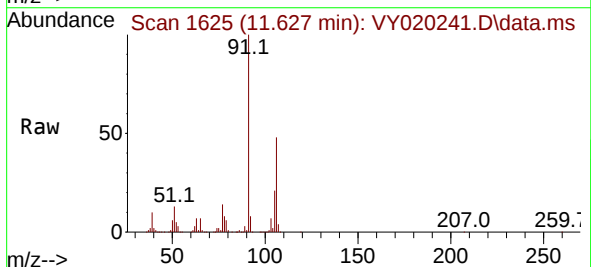
Acq: 11 Nov 2024 12:16

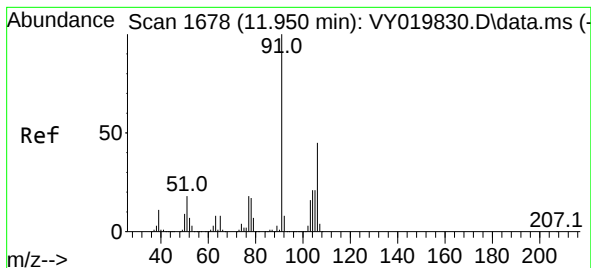
Tgt Ion:106 Resp: 240043

Ion Ratio Lower Upper

106 100

91 202.4 156.0 234.0





#69

o-Xylene

Concen: 20.997 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

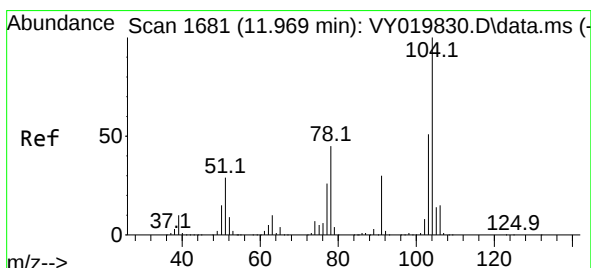
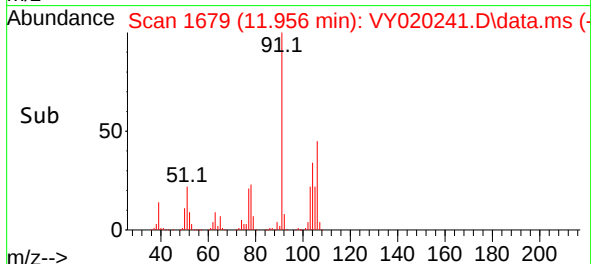
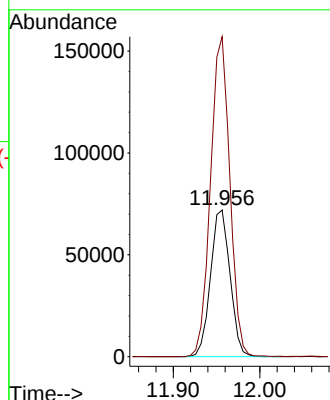
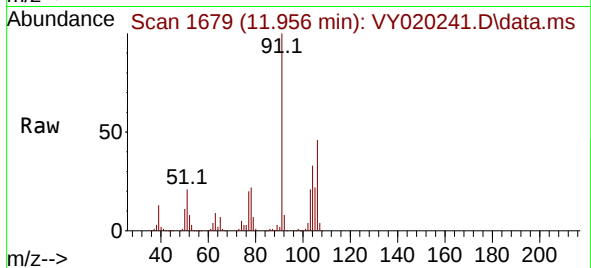
ClientSampleId :

Tgt Ion:106 Resp: 112695

Ion Ratio Lower Upper

106 100

91 216.1 103.6 310.8



#70

Styrene

Concen: 20.951 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

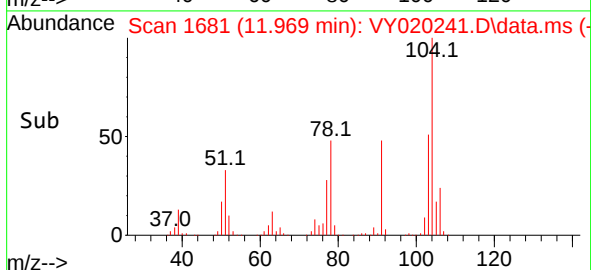
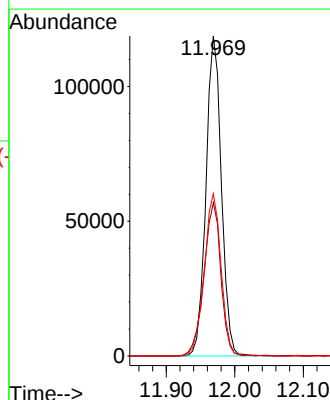
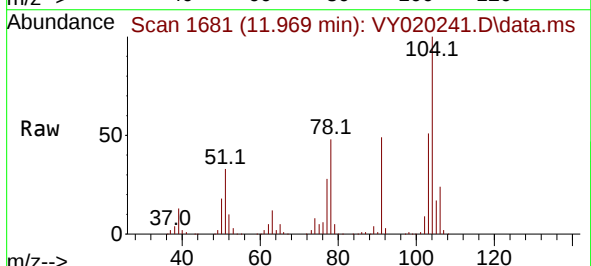
Tgt Ion:104 Resp: 185921

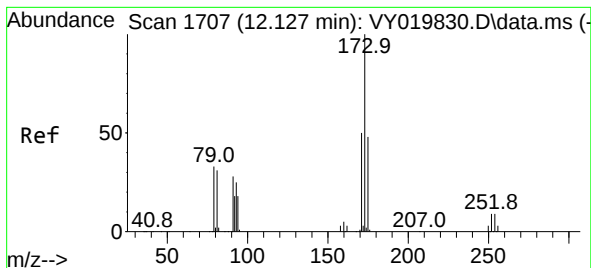
Ion Ratio Lower Upper

104 100

78 52.7 37.0 55.4

103 54.9 44.2 66.2





#71

Bromoform

Concen: 21.169 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

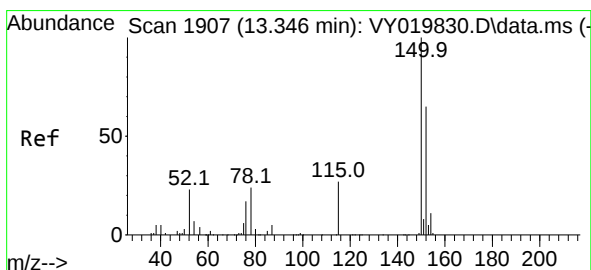
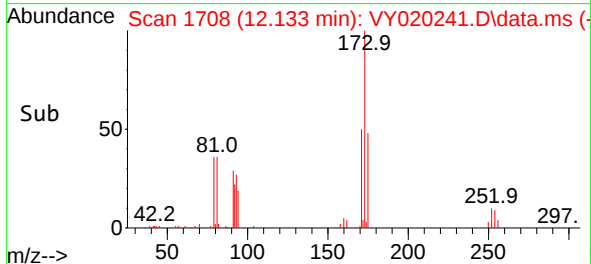
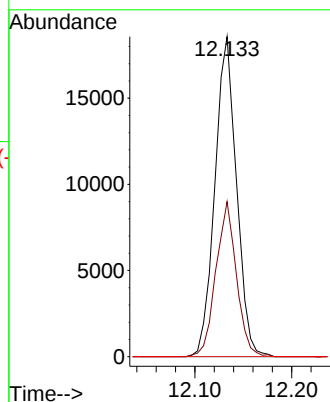
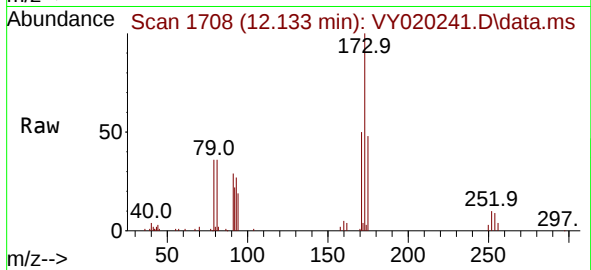
Tgt Ion:173 Resp: 28760

Ion Ratio Lower Upper

173 100

175 46.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

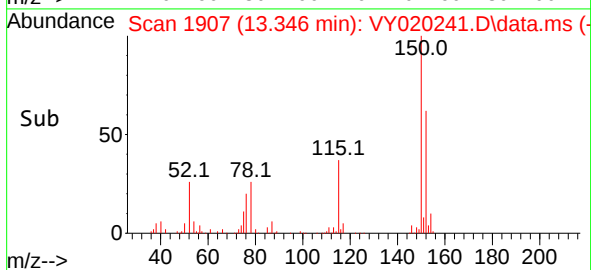
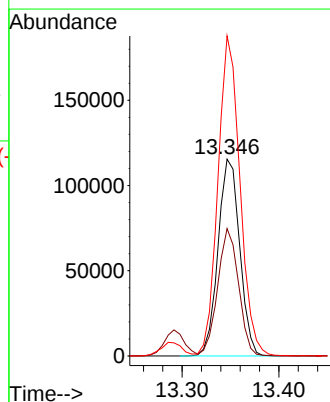
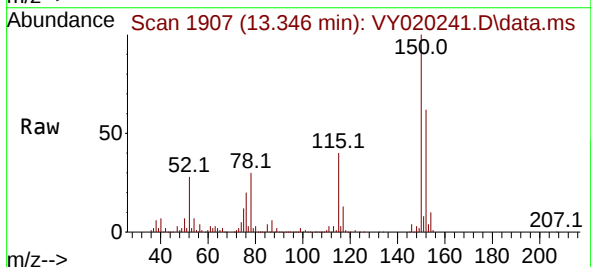
Tgt Ion:152 Resp: 179570

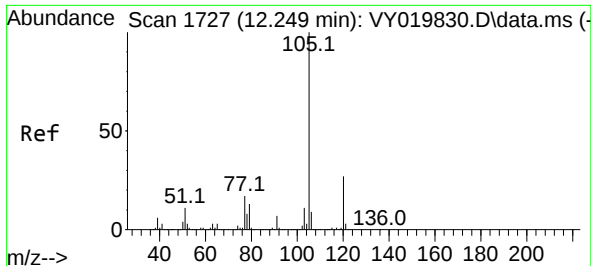
Ion Ratio Lower Upper

152 100

115 62.4 28.2 84.7

150 165.1 0.0 345.6

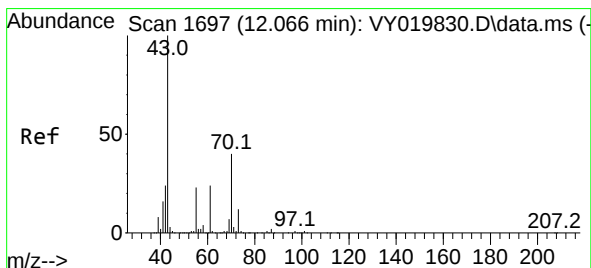
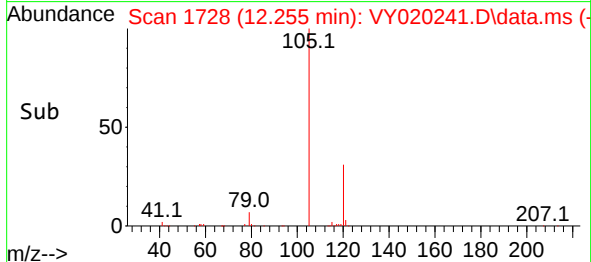
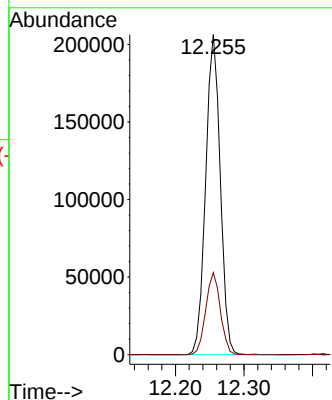
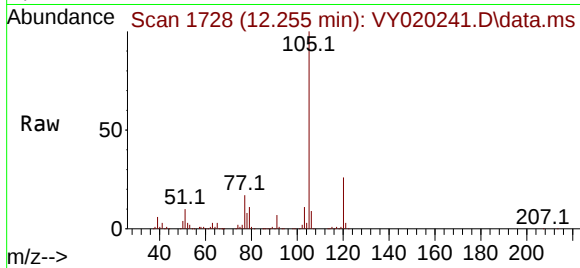




#73
Isopropylbenzene
Concen: 21.288 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

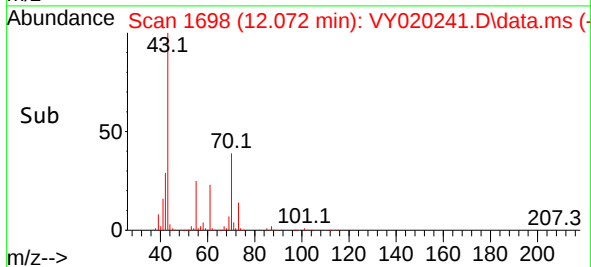
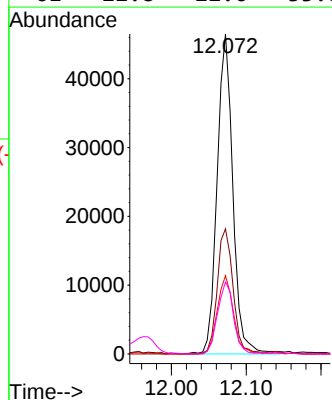
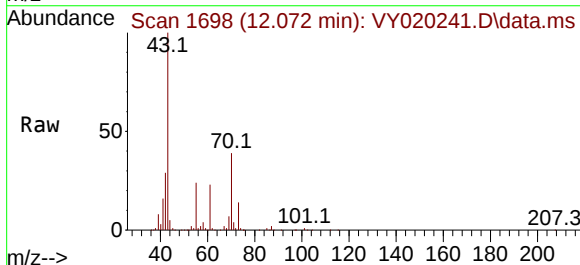
Instrument :
MSVOA_Y
ClientSampleId :

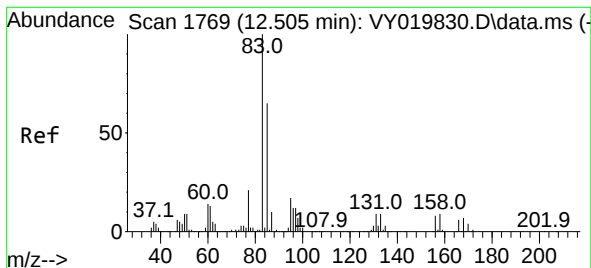
Tgt Ion:105 Resp: 305375
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1



#74
N-ethyl acetate
Concen: 18.969 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 43 Resp: 68021
Ion Ratio Lower Upper
43 100
70 39.3 41.4 62.2#
55 25.2 23.3 34.9
61 22.8 22.6 33.8

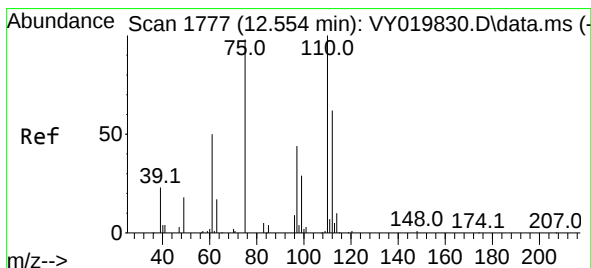
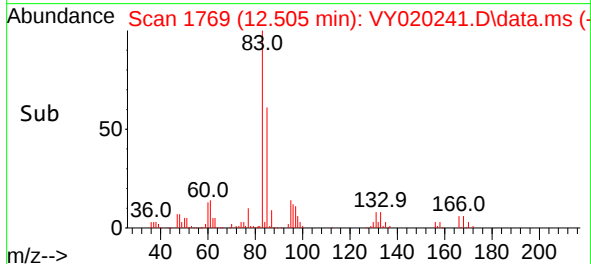
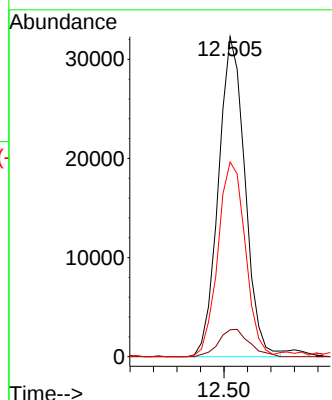
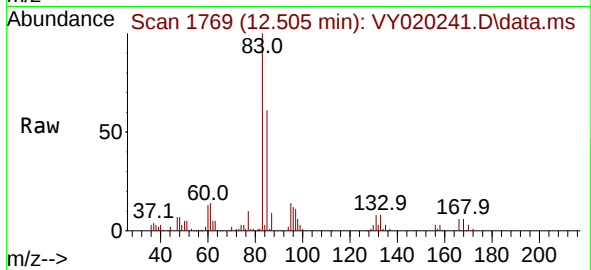




#75
1,1,2-Tetrachloroethane
Concen: 20.180 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

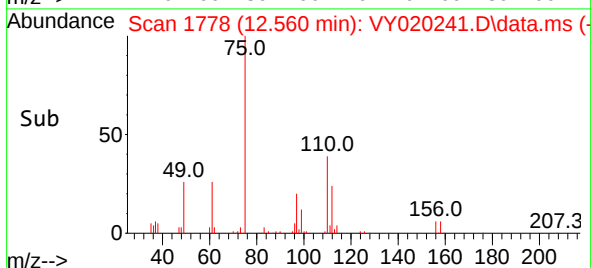
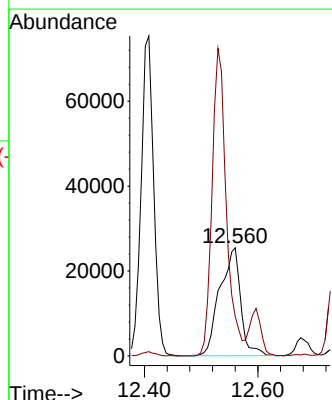
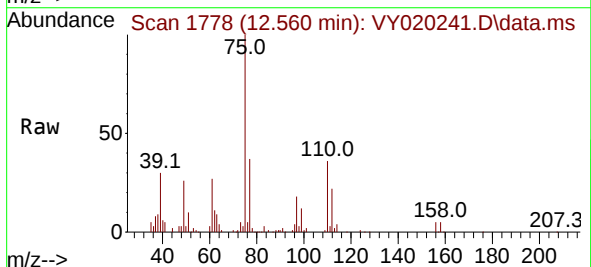
Instrument :
MSVOA_Y
ClientSampleId :

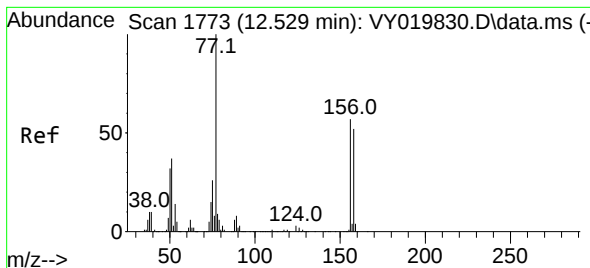
Tgt Ion: 83 Resp: 50627
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 63.3 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 38.753 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion: 75 Resp: 65233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.015 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

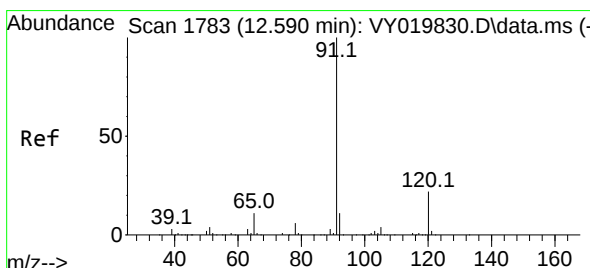
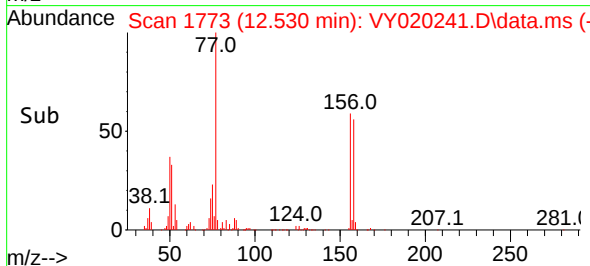
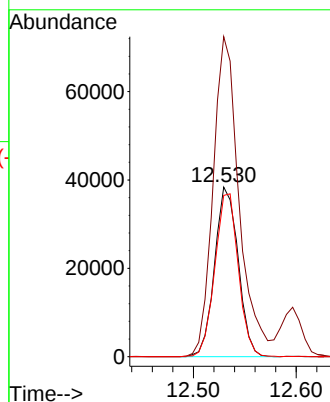
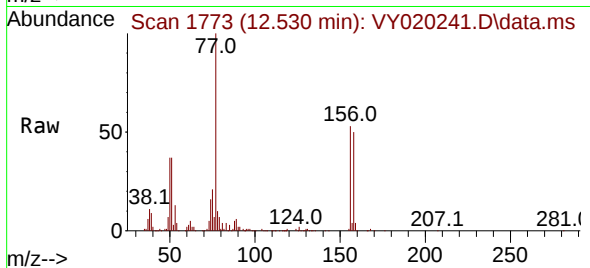
Tgt Ion:156 Resp: 60967

Ion Ratio Lower Upper

156 100

77 208.1 87.1 261.3

158 96.0 48.6 145.9



#78

n-propylbenzene

Concen: 21.193 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY020241.D

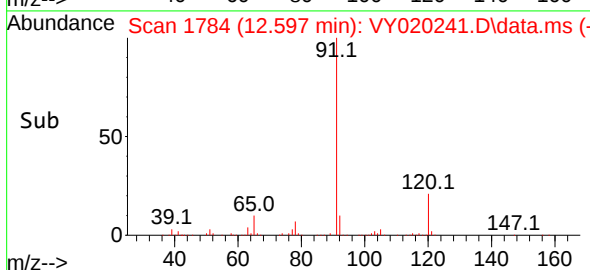
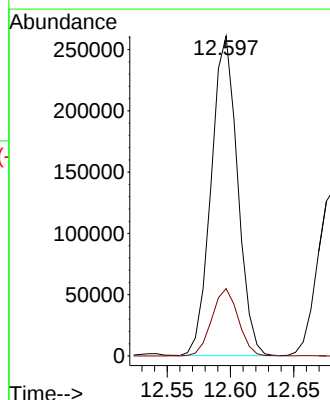
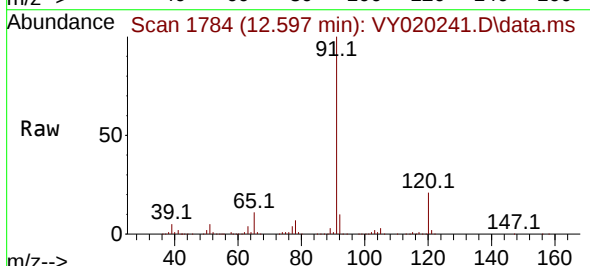
Acq: 11 Nov 2024 12:16

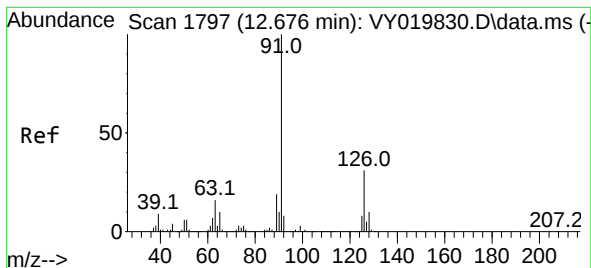
Tgt Ion: 91 Resp: 378368

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.271 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

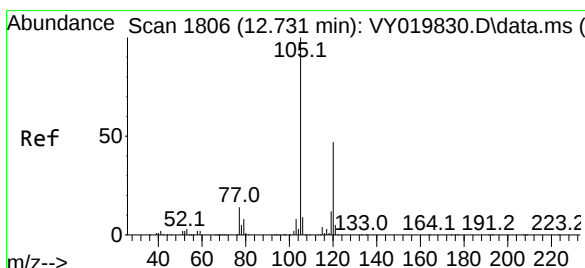
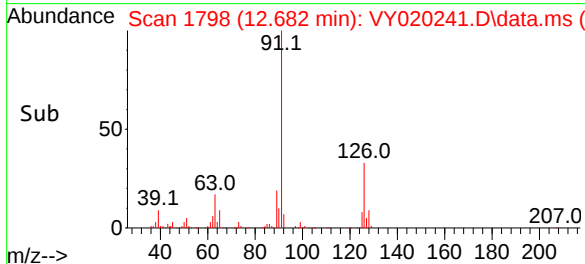
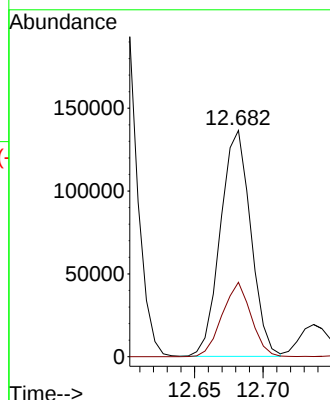
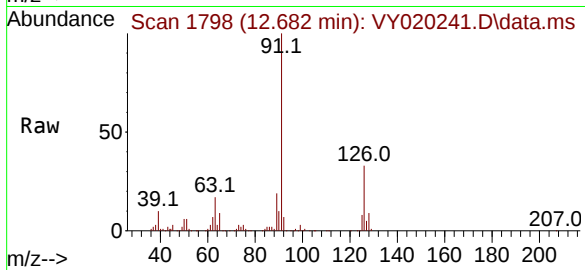
ClientSampleId :

Tgt Ion: 91 Resp: 210799

Ion Ratio Lower Upper

91 100

126 31.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.920 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY020241.D

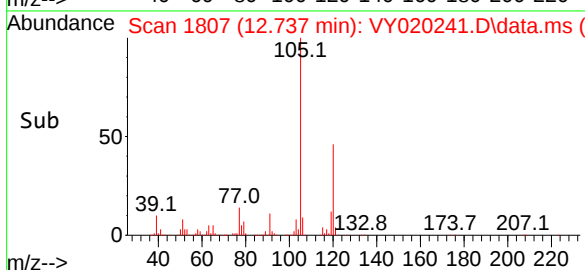
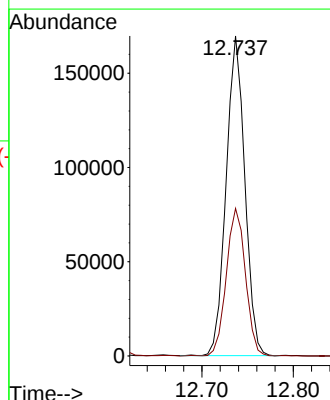
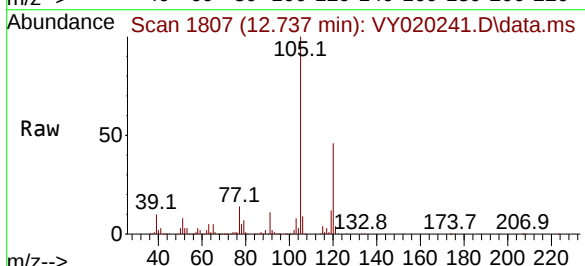
Acq: 11 Nov 2024 12:16

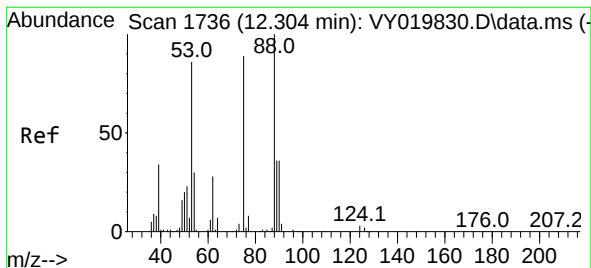
Tgt Ion: 105 Resp: 240929

Ion Ratio Lower Upper

105 100

120 47.2 25.1 75.2

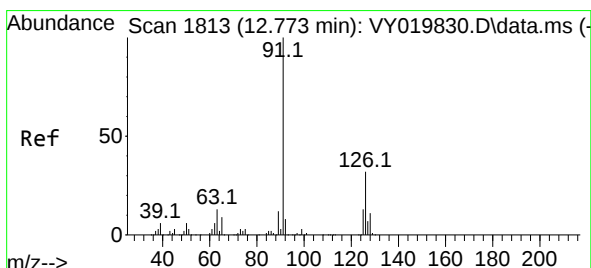
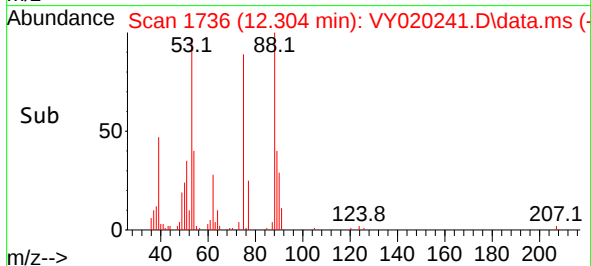
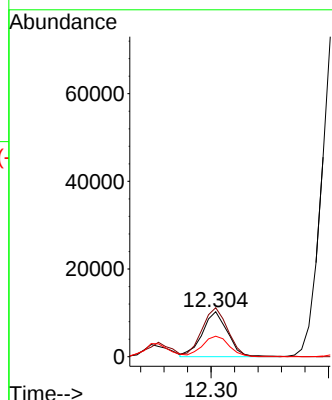
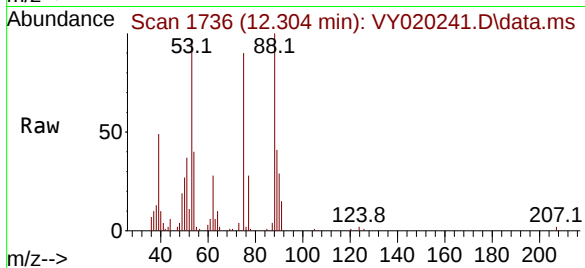




#81
trans-1,4-Dichloro-2-butene
Concen: 19.570 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

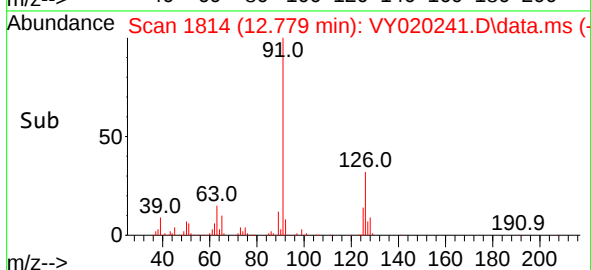
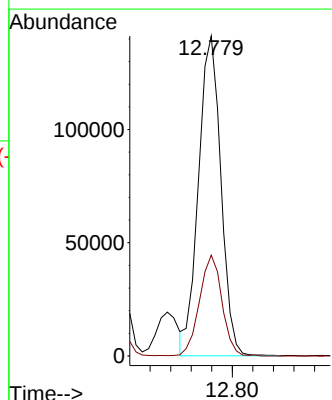
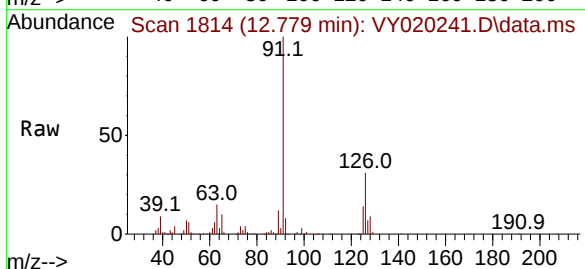
Instrument :
MSVOA_Y
ClientSampleId :

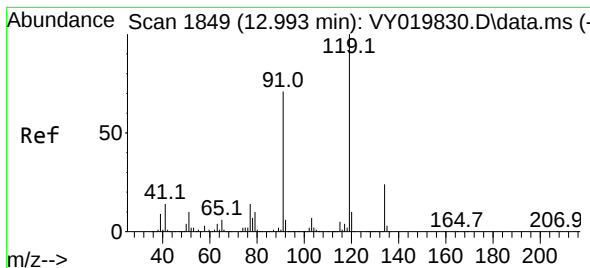
Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.9	66.8	100.2#
89	47.3	35.8	53.6



#82
4-Chlorotoluene
Concen: 21.159 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY020241.D
Acq: 11 Nov 2024 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	17.6	52.9





#83

tert-Butylbenzene

Concen: 21.530 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

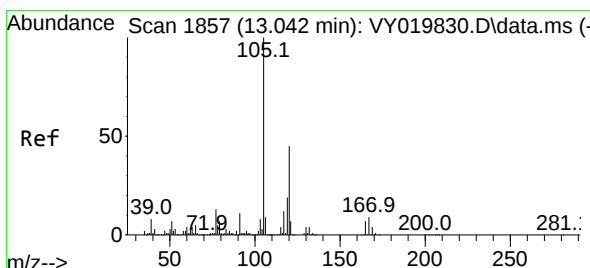
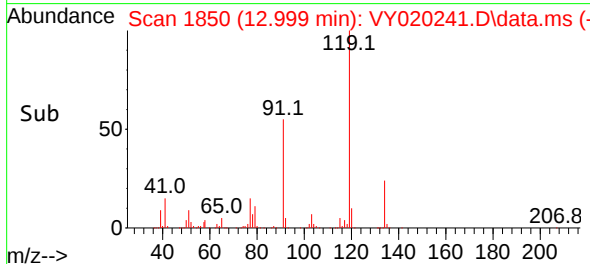
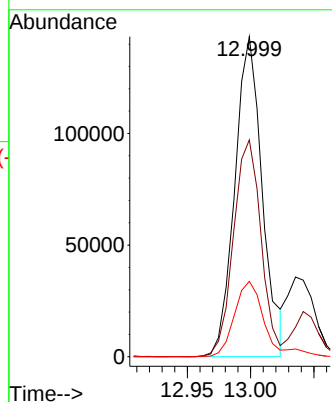
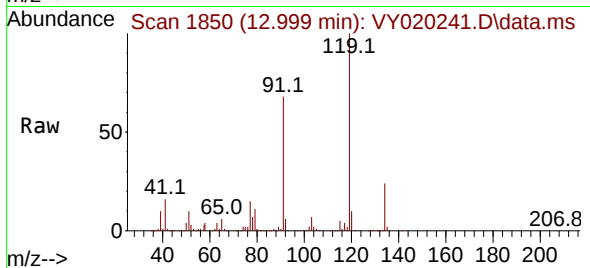
Tgt Ion:119 Resp: 216820

Ion Ratio Lower Upper

119 100

91 67.9 31.3 93.8

134 25.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.915 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020241.D

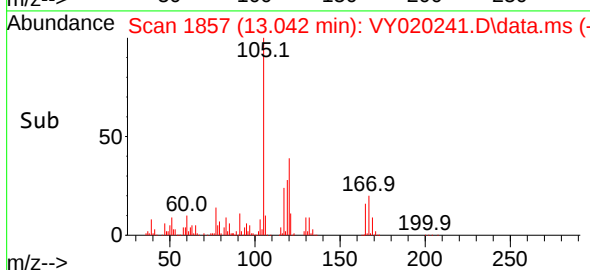
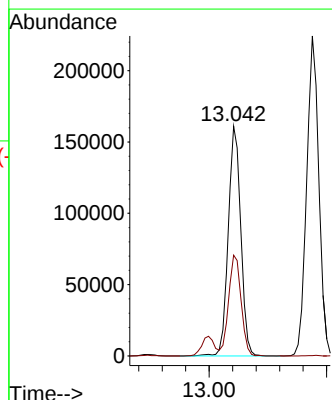
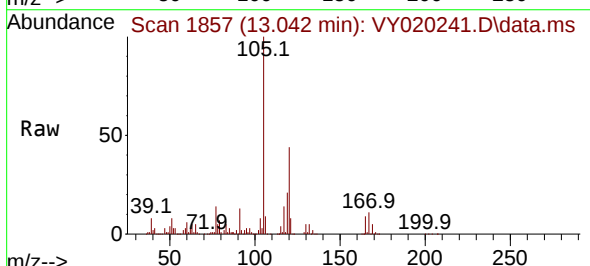
Acq: 11 Nov 2024 12:16

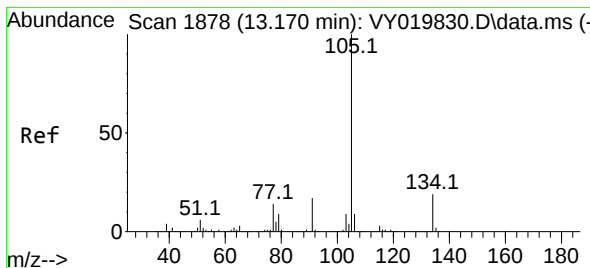
Tgt Ion:105 Resp: 238577

Ion Ratio Lower Upper

105 100

120 43.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 20.824 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

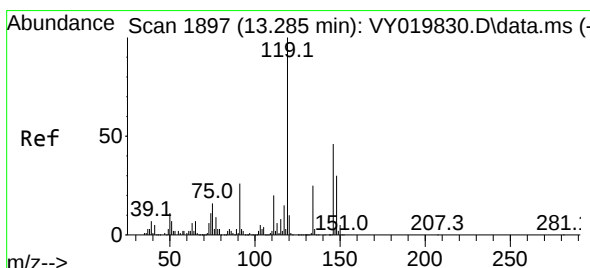
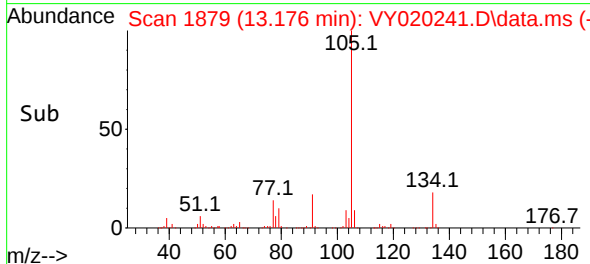
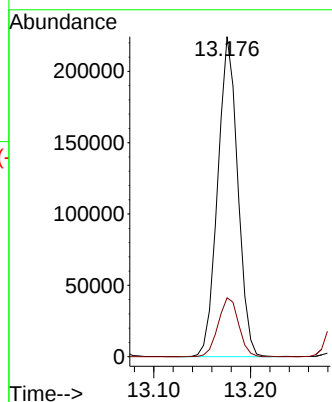
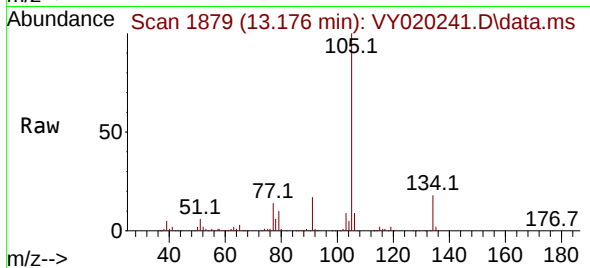
ClientSampleId :

Tgt Ion:105 Resp: 321940

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.905 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

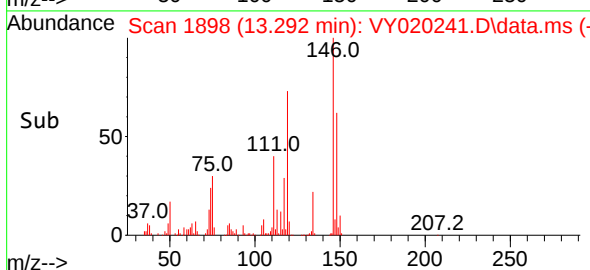
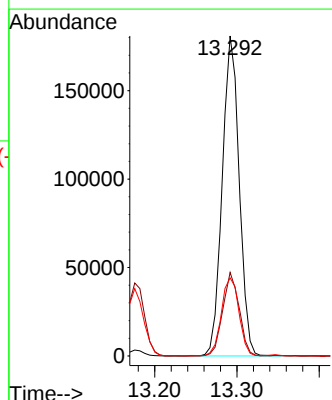
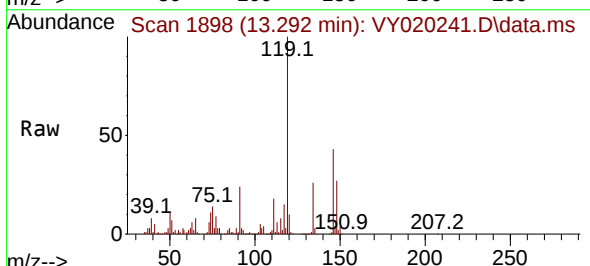
Tgt Ion:119 Resp: 259341

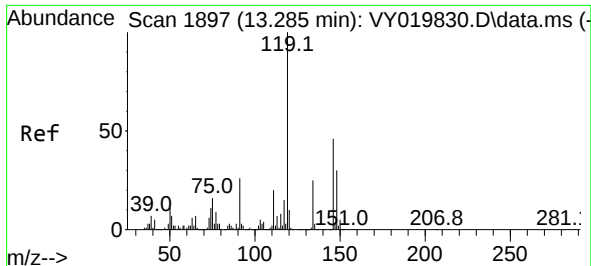
Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 25.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.565 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

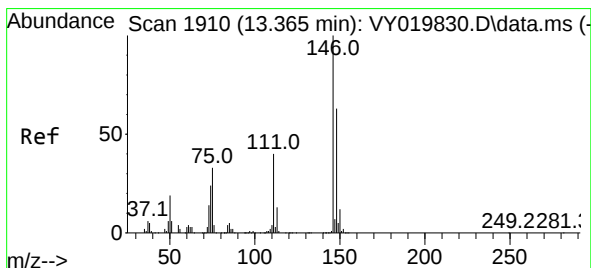
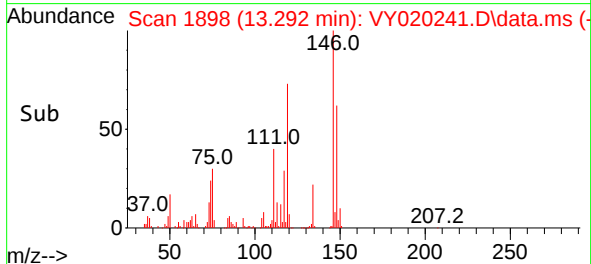
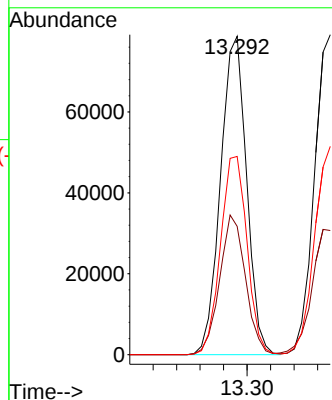
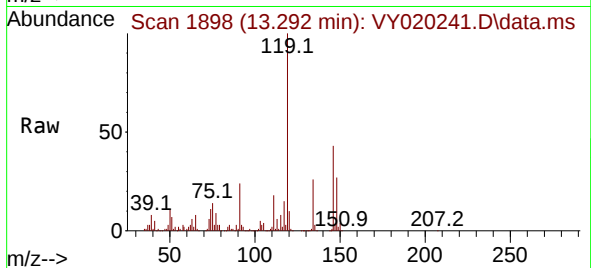
Tgt Ion:146 Resp: 121202

Ion Ratio Lower Upper

146 100

111 43.5 19.0 57.0

148 63.5 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.549 ug/l

RT: 13.371 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

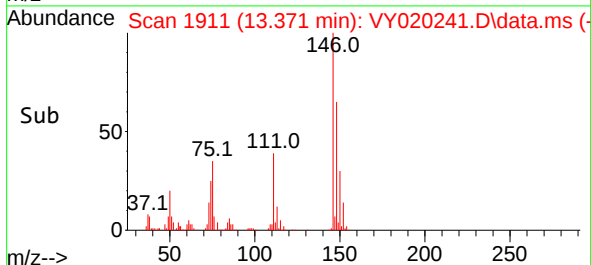
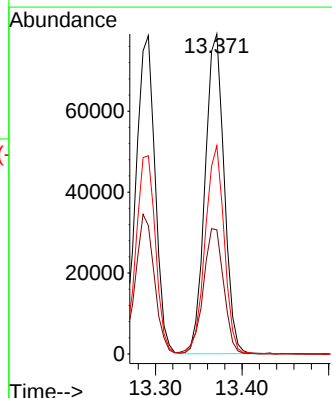
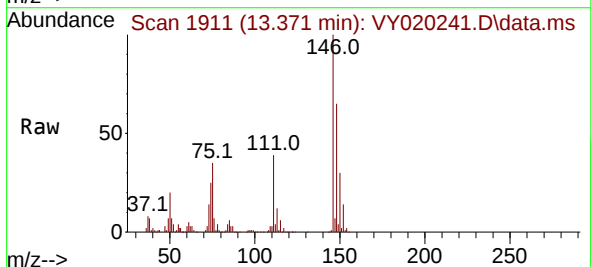
Tgt Ion:146 Resp: 120603

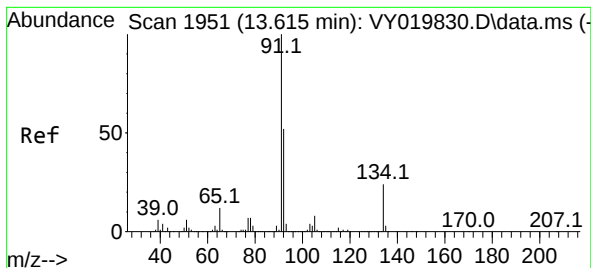
Ion Ratio Lower Upper

146 100

111 42.2 18.4 55.4

148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 20.821 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

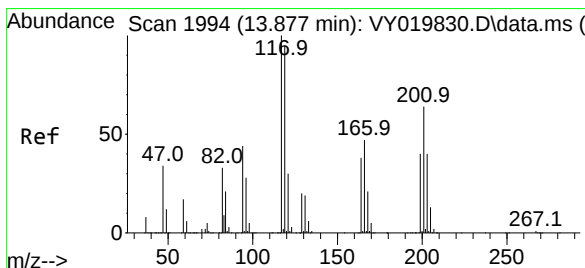
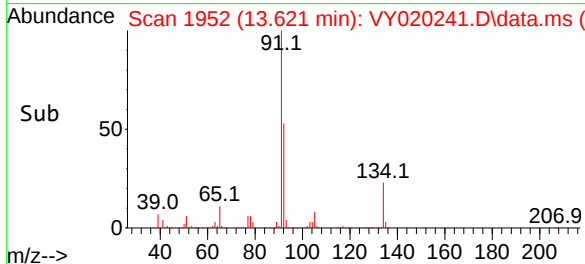
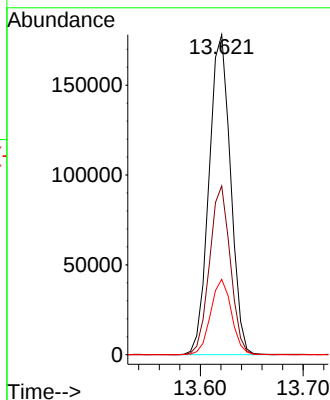
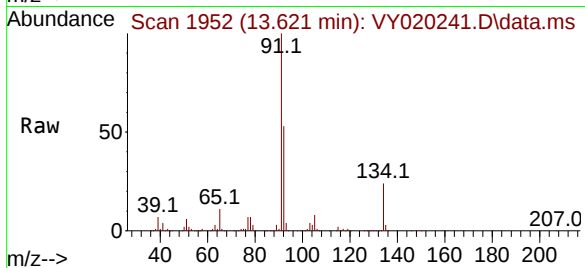
Tgt Ion: 91 Resp: 258936

Ion Ratio Lower Upper

91 100

92 51.0 26.6 79.7

134 22.8 12.9 38.7



#90

Hexachloroethane

Concen: 20.248 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY020241.D

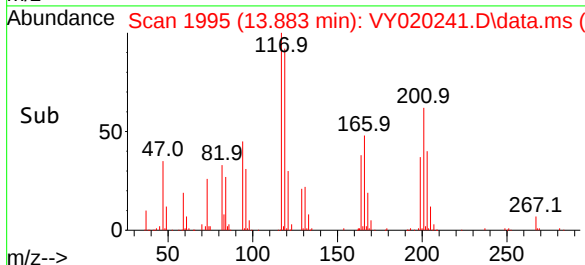
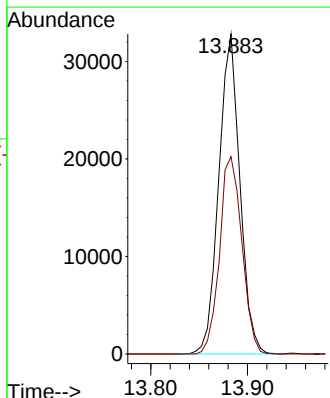
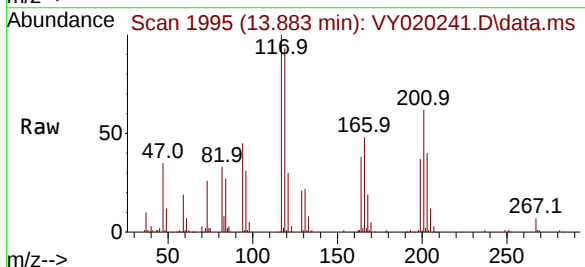
Acq: 11 Nov 2024 12:16

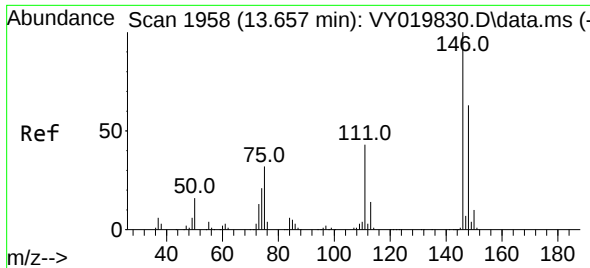
Tgt Ion: 117 Resp: 49679

Ion Ratio Lower Upper

117 100

201 65.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.188 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

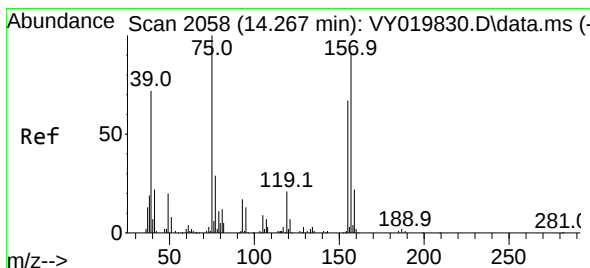
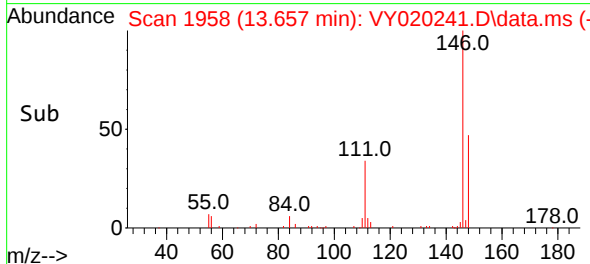
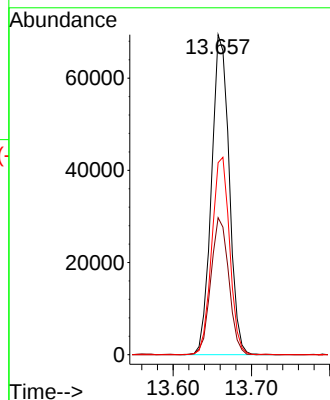
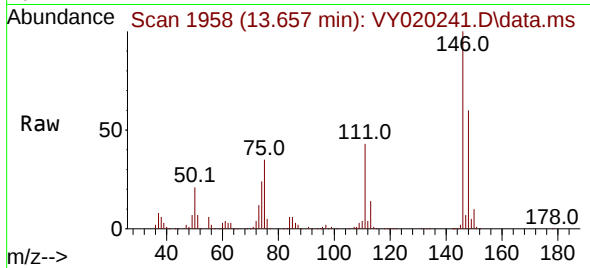
Tgt Ion:146 Resp: 108544

Ion Ratio Lower Upper

146 100

111 43.5 19.9 59.7

148 62.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.833 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

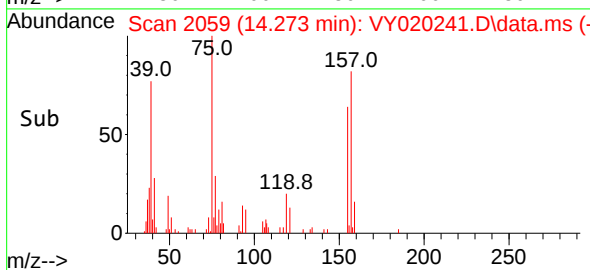
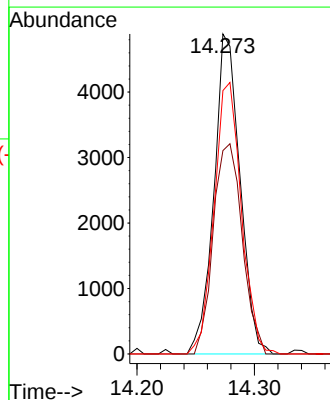
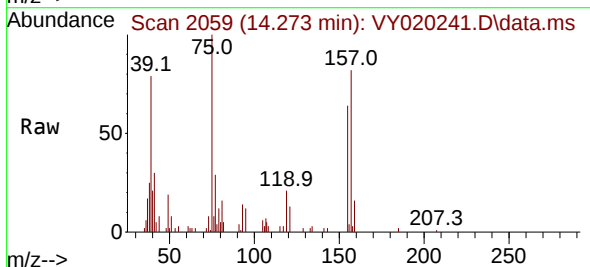
Tgt Ion: 75 Resp: 7546

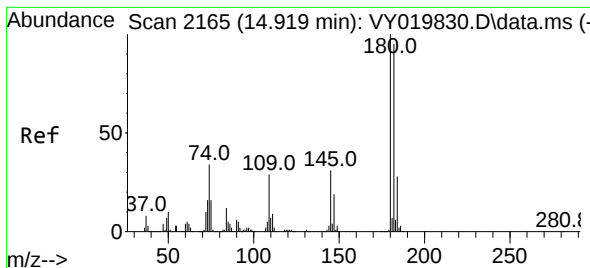
Ion Ratio Lower Upper

75 100

155 73.1 48.6 145.8

157 88.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.140 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

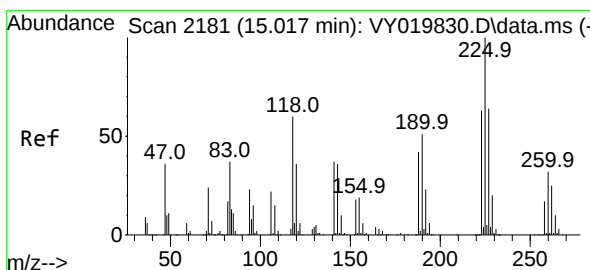
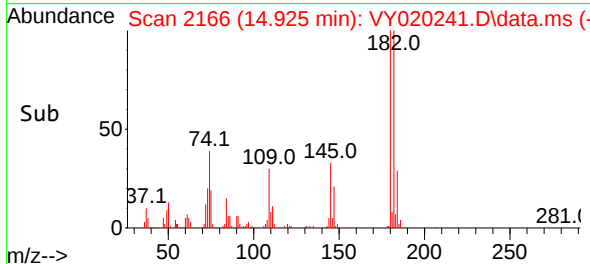
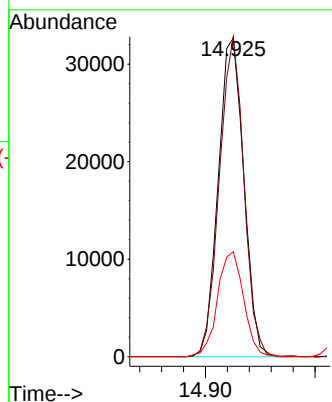
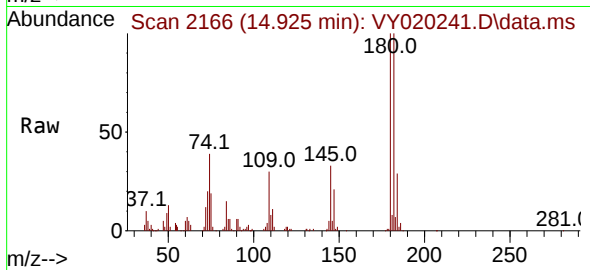
Tgt Ion:180 Resp: 52673

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.8

145 33.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.294 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

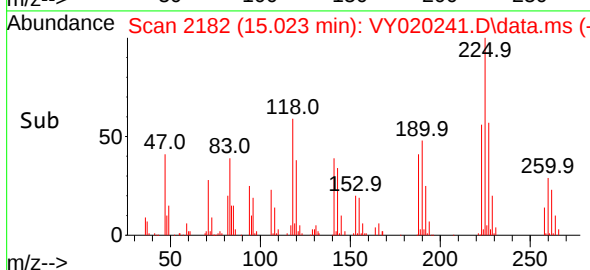
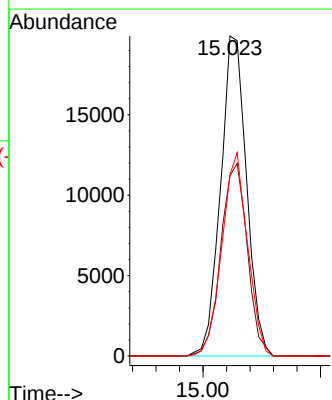
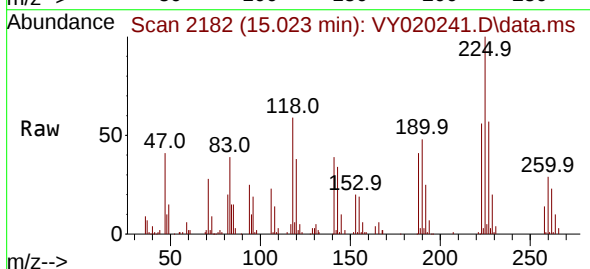
Tgt Ion:225 Resp: 30539

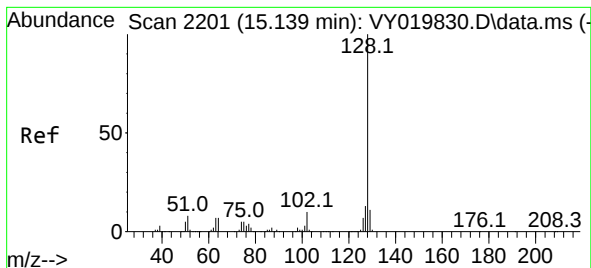
Ion Ratio Lower Upper

225 100

223 61.2 30.4 91.2

227 62.7 31.9 95.9





#95

Naphthalene

Concen: 18.379 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020241.D

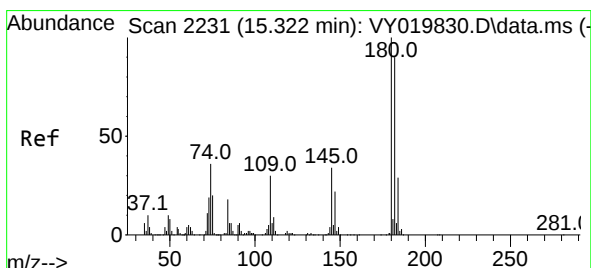
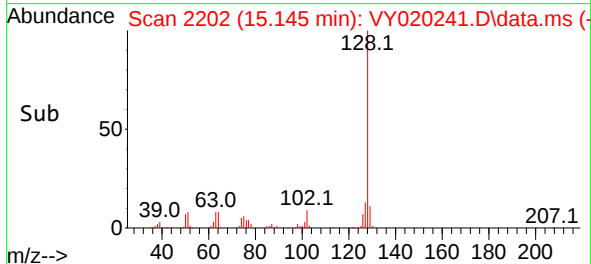
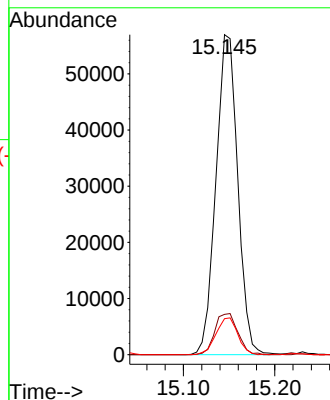
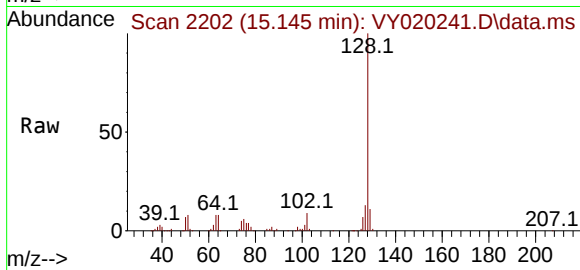
Acq: 11 Nov 2024 12:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	94547
Ion Ratio	Lower	Upper
128	100	
127	13.5	10.6 16.0
129	11.5	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.712 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY020241.D

Acq: 11 Nov 2024 12:16

Tgt Ion:180	Resp:	43712
Ion Ratio	Lower	Upper
180	100	
182	95.5	47.6 142.9
145	35.8	15.4 46.1

