

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019350.D
 Acq On : 29 Aug 2024 00:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 03:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	103573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	167178	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	142963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53846	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53815	51.833	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.660%	
35) Dibromofluoromethane	7.622	113	54419	49.784	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.560%	
50) Toluene-d8	10.103	98	194035	49.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.408	95	54981	41.000	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	38335	50.448	ug/l	96
3) Chloromethane	2.062	50	67716	49.439	ug/l	95
4) Vinyl Chloride	2.196	62	81393	48.108	ug/l	98
5) Bromomethane	2.586	94	61411	60.714	ug/l	100
6) Chloroethane	2.726	64	52248	48.422	ug/l	99
7) Trichlorofluoromethane	3.043	101	115905	45.312	ug/l	94
8) Diethyl Ether	3.446	74	26945	48.803	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.805	101	56899	50.036	ug/l	96
10) Methyl Iodide	3.988	142	61521	55.195	ug/l	92
11) Tert butyl alcohol	4.854	59	17887	192.680	ug/l #	94
12) 1,1-Dichloroethene	3.775	96	54085	52.350	ug/l	93
13) Acrolein	3.641	56	8676	99.393	ug/l	91
14) Allyl chloride	4.366	41	78180	56.916	ug/l	90
15) Acrylonitrile	5.043	53	58544	259.143	ug/l	99
16) Acetone	3.860	43	44288	230.014	ug/l #	83
17) Carbon Disulfide	4.092	76	142878	49.031	ug/l	97
18) Methyl Acetate	4.372	43	36077	61.050	ug/l	95
19) Methyl tert-butyl Ether	5.098	73	135623	54.146	ug/l	97
20) Methylene Chloride	4.604	84	62398	52.743	ug/l	91
21) trans-1,2-Dichloroethene	5.098	96	61068	52.907	ug/l	97
22) Diisopropyl ether	6.006	45	185456	58.977	ug/l	92
23) Vinyl Acetate	5.945	43	660798	265.427	ug/l	96
24) 1,1-Dichloroethane	5.903	63	106748	55.510	ug/l	99
25) 2-Butanone	6.884	43	75134	242.300	ug/l	91
26) 2,2-Dichloropropane	6.872	77	81637	52.424	ug/l	98
27) cis-1,2-Dichloroethene	6.878	96	75199	55.361	ug/l	98
28) Bromochloromethane	7.238	49	44189	54.779	ug/l	92
29) Tetrahydrofuran	7.250	42	51724	259.486	ug/l	88
30) Chloroform	7.408	83	120281	56.132	ug/l	95
31) Cyclohexane	7.695	56	82184	55.838	ug/l	97
32) 1,1,1-Trichloroethane	7.610	97	110604	58.734	ug/l	97
36) 1,1-Dichloropropene	7.829	75	82272	54.810	ug/l	98
37) Ethyl Acetate	6.976	43	35375	53.193	ug/l	97
38) Carbon Tetrachloride	7.811	117	99162	57.005	ug/l	96
39) Methylcyclohexane	9.103	83	99021	51.406	ug/l	95
40) Benzene	8.073	78	252691	54.890	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	28958	79.779	ug/l #	15
42) 1,2-Dichloroethane	8.152	62	69150	55.624	ug/l	96
43) Isopropyl Acetate	8.189	43	68790	51.147	ug/l #	79
44) Trichloroethene	8.859	130	68202	53.095	ug/l	97
45) 1,2-Dichloropropane	9.134	63	55535	54.144	ug/l	95
46) Dibromomethane	9.231	93	33488	50.338	ug/l	99
47) Bromodichloromethane	9.420	83	90233	55.285	ug/l	98
48) Methyl methacrylate	9.219	41	33558	55.986	ug/l	83
49) 1,4-Dioxane	9.225	88	7548	936.626	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	192293	269.376	ug/l	91
52) Toluene	10.170	92	170732	56.498	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	73459	54.257	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	86743	53.273	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	44379	51.820	ug/l	96
56) Ethyl methacrylate	10.438	69	59705	53.262	ug/l #	80
57) 1,3-Dichloropropane	10.713	76	75086	53.783	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	134010	252.001	ug/l	97
59) 2-Hexanone	10.761	43	131690	268.522	ug/l	89
60) Dibromochloromethane	10.908	129	61452	52.683	ug/l	97
61) 1,2-Dibromoethane	11.011	107	42847	51.763	ug/l	99
64) Tetrachloroethene	10.646	164	77234	61.807	ug/l	97
65) Chlorobenzene	11.444	112	182393	55.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	65881	56.909	ug/l	98
67) Ethyl Benzene	11.517	91	329320	57.638	ug/l	98
68) m/p-Xylenes	11.627	106	264785	116.794	ug/l	99
69) o-Xylene	11.956	106	120921	57.596	ug/l	99
70) Styrene	11.969	104	209466	58.507	ug/l	98
71) Bromoform	12.133	173	27993	42.301	ug/l #	99
73) Isopropylbenzene	12.255	105	263234	63.783	ug/l	97
74) N-amyl acetate	12.072	43	51315	57.021	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	41792	56.880	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	50125	94.394	ug/l #	100
77) Bromobenzene	12.529	156	59624	60.157	ug/l	95
78) n-propylbenzene	12.597	91	308469	62.524	ug/l	99
79) 2-Chlorotoluene	12.682	91	168959	61.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	209235	62.233	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	11068	51.475	ug/l #	86
82) 4-Chlorotoluene	12.779	91	156413	54.354	ug/l	97
83) tert-Butylbenzene	12.999	119	171556	55.254	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	193541	57.759	ug/l	100
85) sec-Butylbenzene	13.176	105	263268	58.186	ug/l	99
86) p-Isopropyltoluene	13.291	119	218285	58.735	ug/l	98
87) 1,3-Dichlorobenzene	13.285	146	110743	56.656	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	107466	55.309	ug/l	99
89) n-Butylbenzene	13.615	91	208551	61.550	ug/l	98
90) Hexachloroethane	13.877	117	57191	78.074	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	127933	74.417	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7521	69.583	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	68203	70.350	ug/l	98
94) Hexachlorobutadiene	15.023	225	38876	76.986	ug/l	98
95) Naphthalene	15.145	128	120568	69.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	58811	71.924	ug/l	99

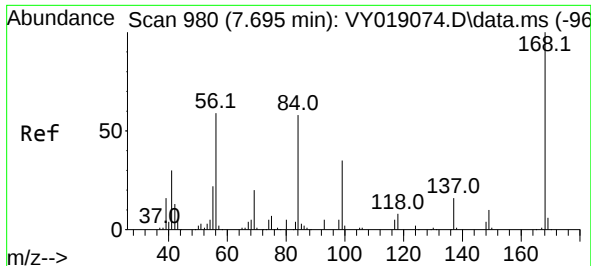
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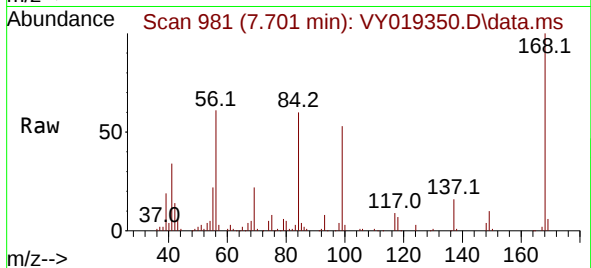
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

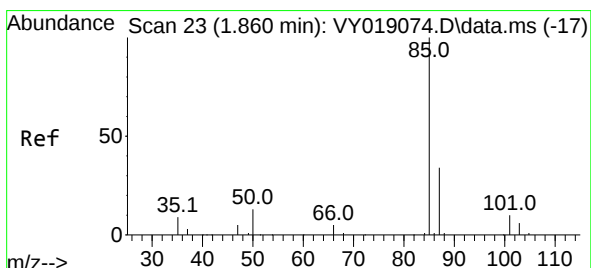
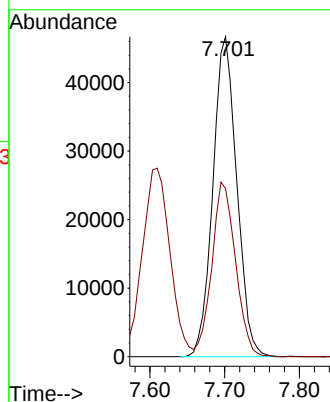
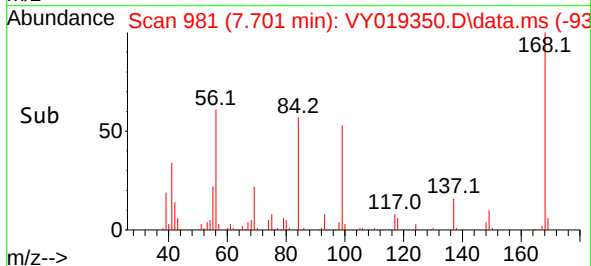


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

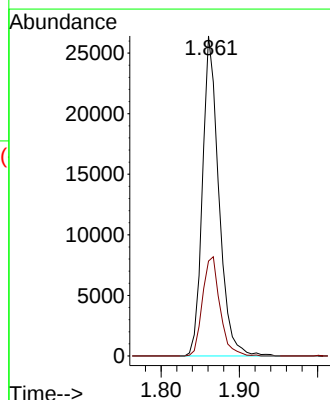
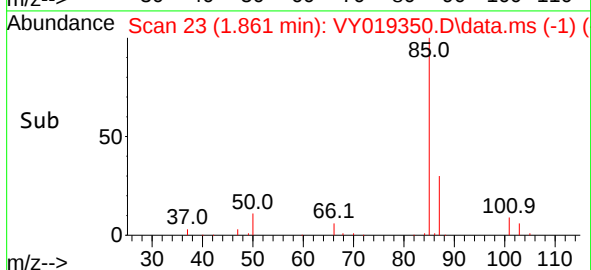
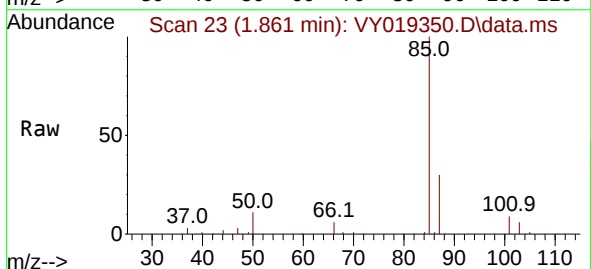


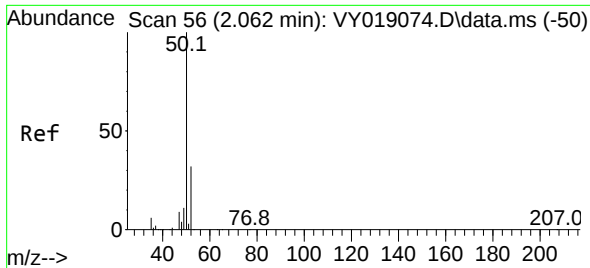
Tgt Ion:168 Resp: 103573
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 50.448 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 85 Resp: 38335
Ion Ratio Lower Upper
85 100
87 29.7 16.0 48.0

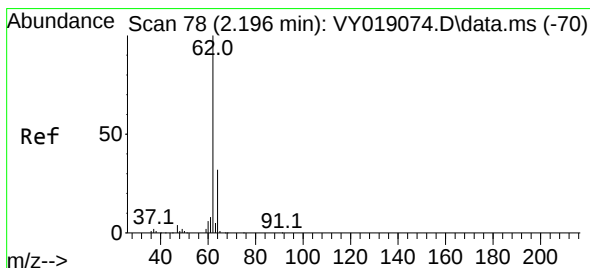
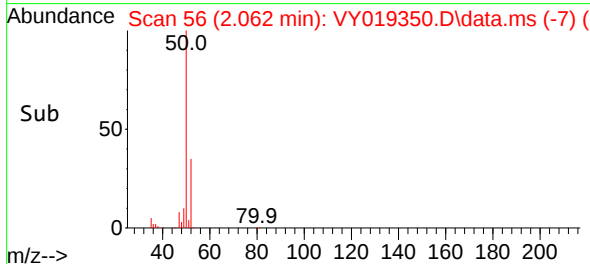
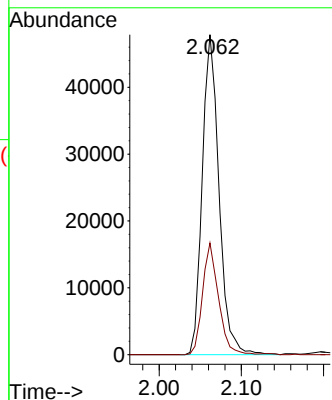
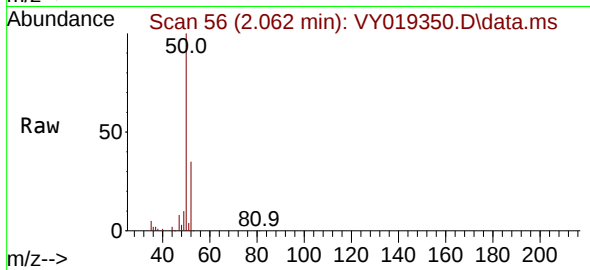




#3
Chloromethane
Concen: 49.439 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

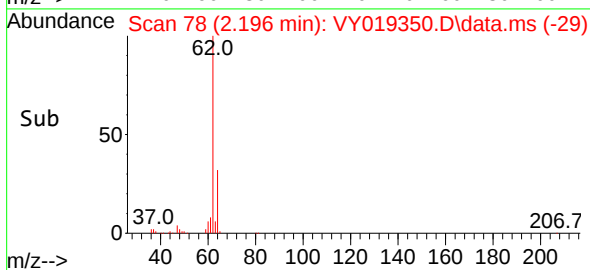
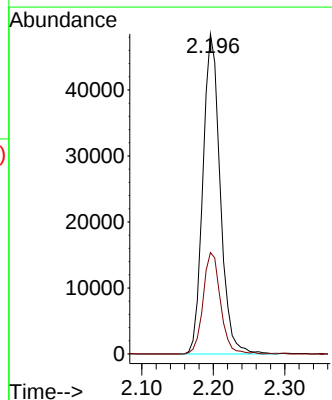
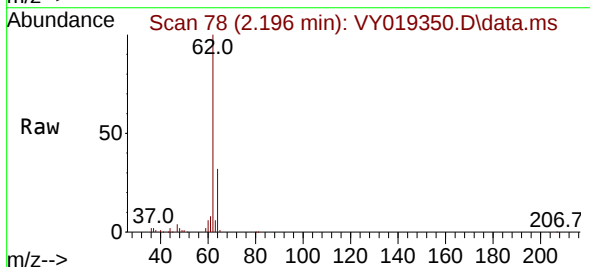
Instrument :
MSVOA_Y
ClientSampleId :

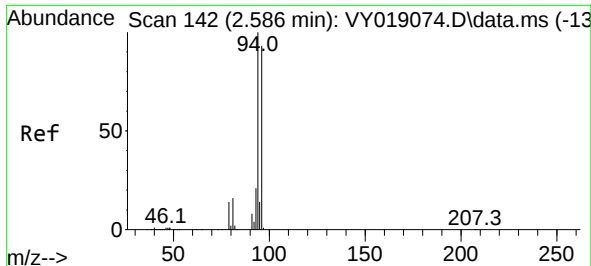
Tgt Ion: 50 Resp: 67716
Ion Ratio Lower Upper
50 100
52 34.9 25.6 38.4



#4
Vinyl Chloride
Concen: 48.108 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 62 Resp: 81393
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

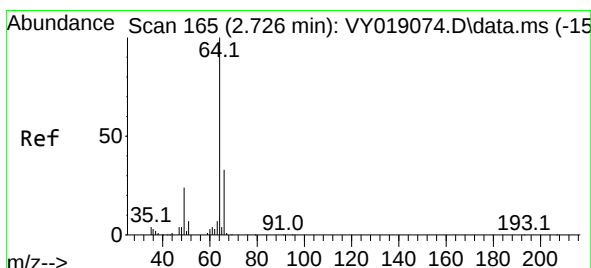
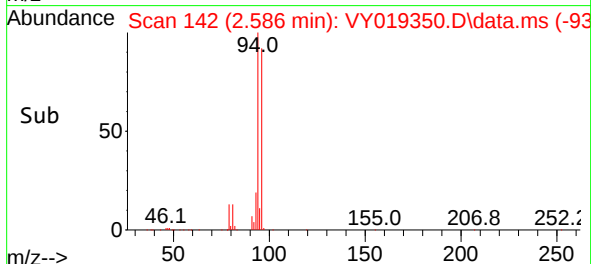
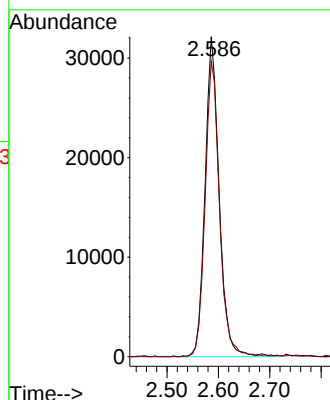
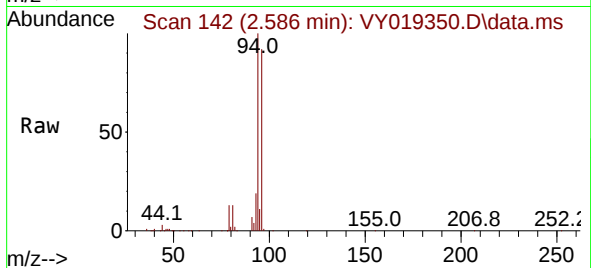




#5
Bromomethane
Concen: 60.714 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

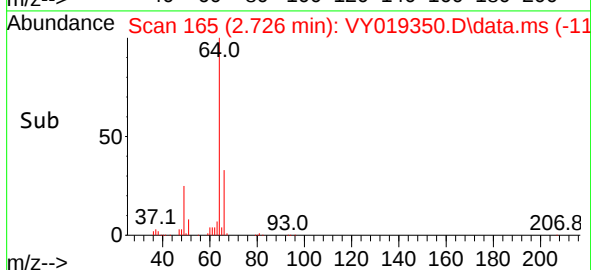
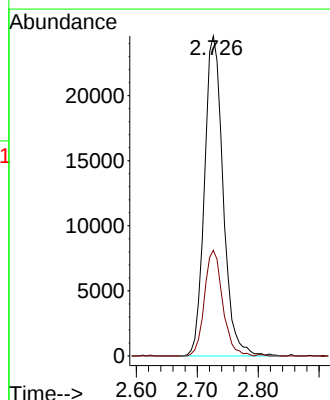
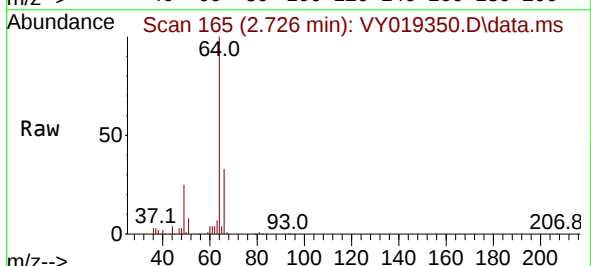
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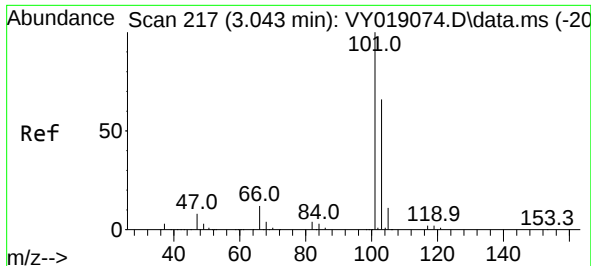
Tgt Ion: 94 Resp: 61411
Ion Ratio Lower Upper
94 100
96 92.3 74.1 111.1



#6
Chloroethane
Concen: 48.422 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 64 Resp: 52248
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1

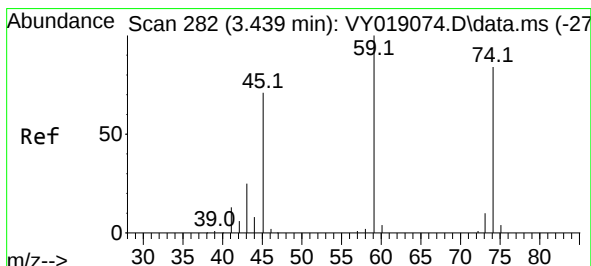
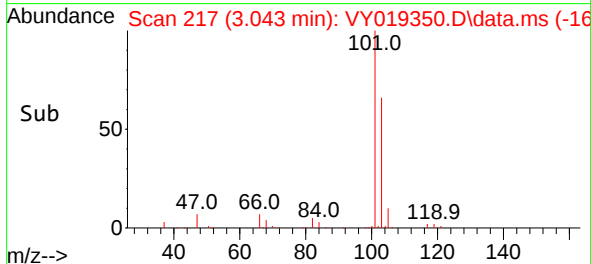
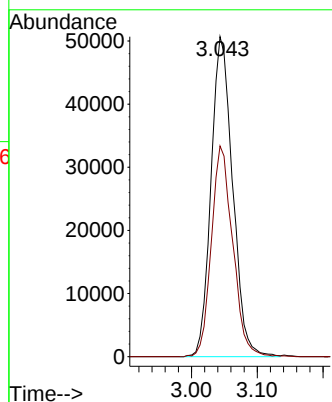
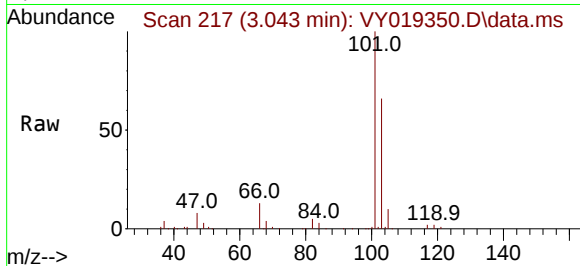




#7
 Trichlorofluoromethane
 Concen: 45.312 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019350.D
 Acq: 29 Aug 2024 00:40

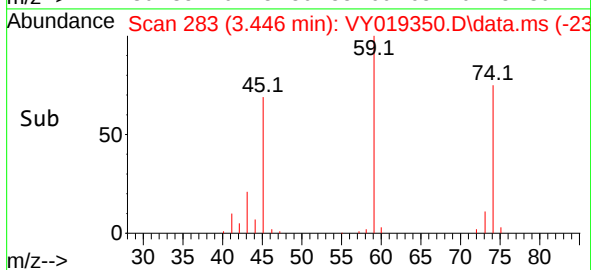
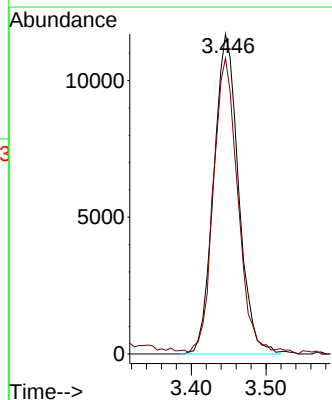
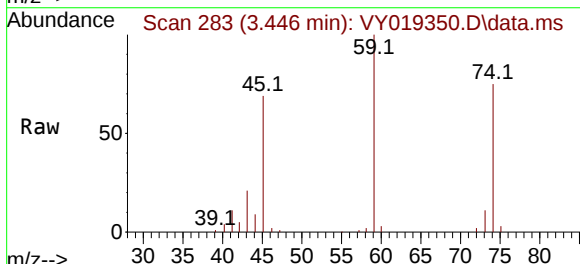
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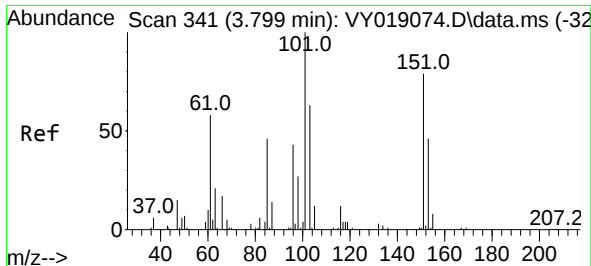
Tgt Ion:101 Resp: 115905
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 48.803 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019350.D
 Acq: 29 Aug 2024 00:40

Tgt Ion: 74 Resp: 26945
 Ion Ratio Lower Upper
 74 100
 45 88.4 41.3 124.1

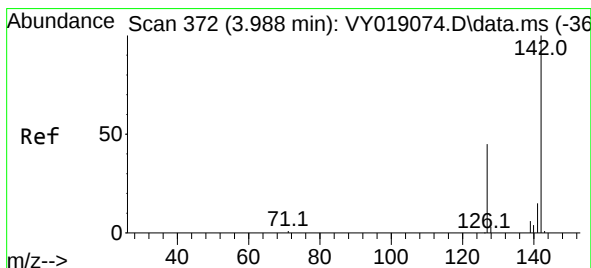
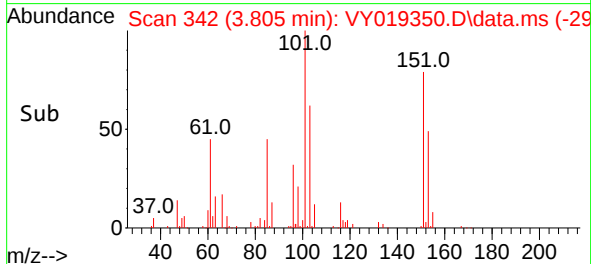
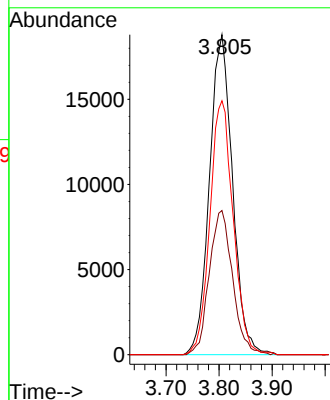
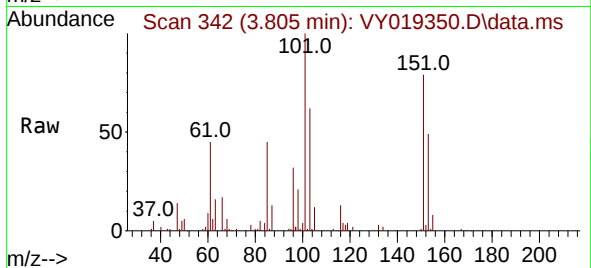




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.036 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

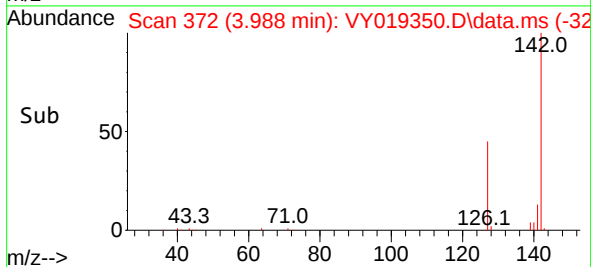
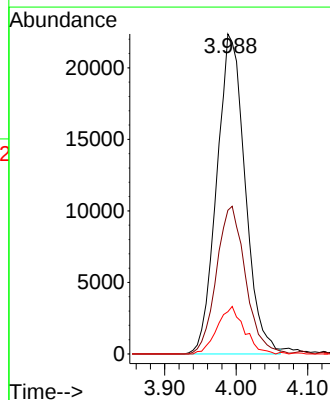
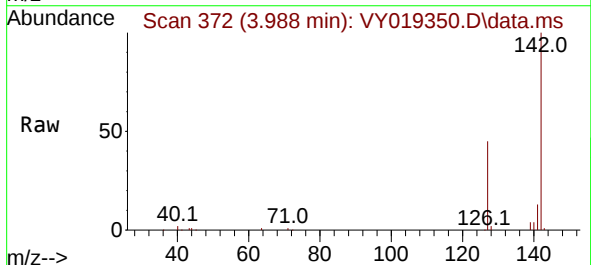
Instrument :
MSVOA_Y
ClientSampleId :

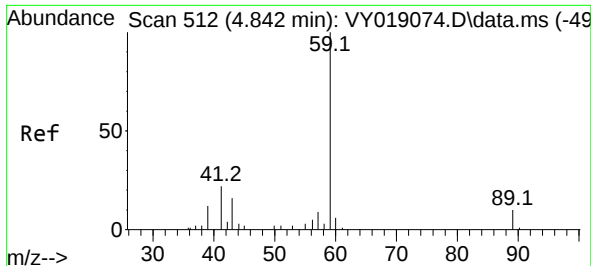
Tgt Ion:101 Resp: 56899
Ion Ratio Lower Upper
101 100
85 45.5 34.5 51.7
151 80.1 61.7 92.5



#10
Methyl Iodide
Concen: 55.195 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion:142 Resp: 61521
Ion Ratio Lower Upper
142 100
127 47.4 32.8 49.2
141 14.2 11.4 17.2

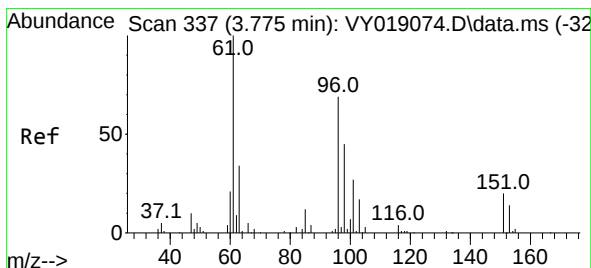
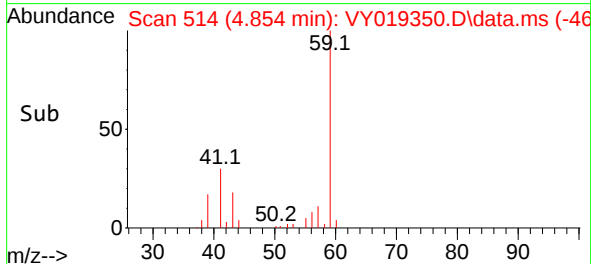
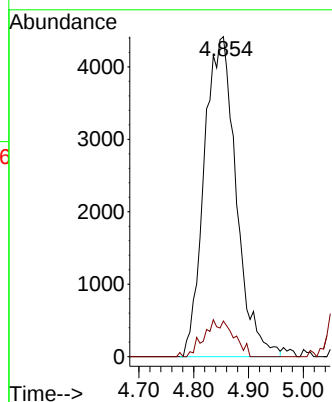
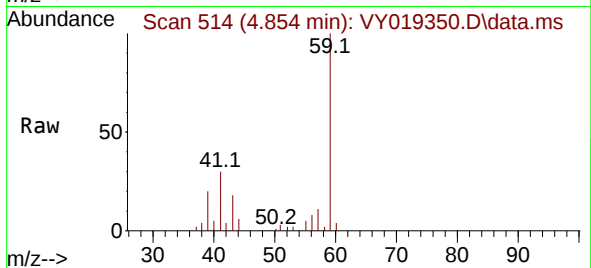




#11
Tert butyl alcohol
Concen: 192.680 ug/l
RT: 4.854 min Scan# 512
Delta R.T. 0.012 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

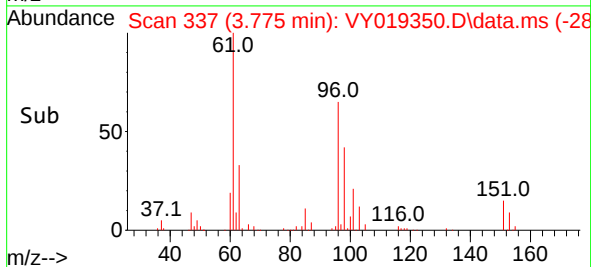
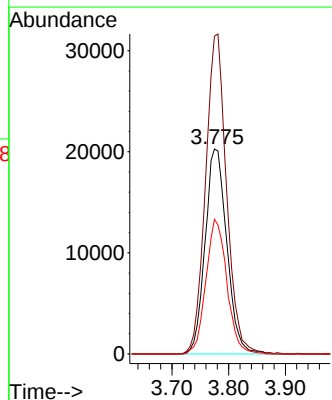
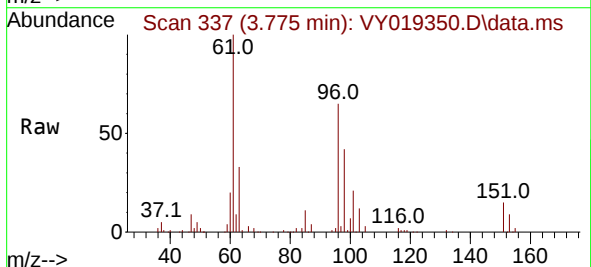
Instrument :
MSVOA_Y
ClientSampleId :

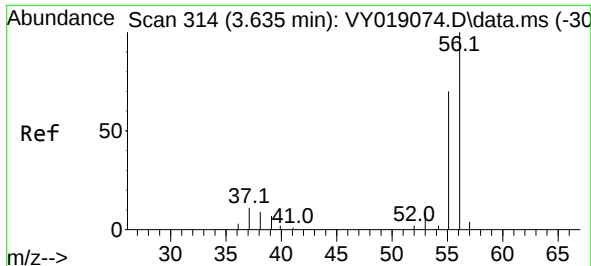
Tgt Ion: 59 Resp: 17887
Ion Ratio Lower Upper
59 100
57 5.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 52.350 ug/l
RT: 3.775 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 96 Resp: 54085
Ion Ratio Lower Upper
96 100
61 155.0 114.6 171.8
98 65.6 50.8 76.2





#13

Acrolein

Concen: 99.393 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

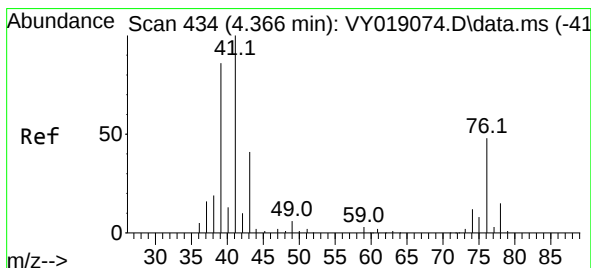
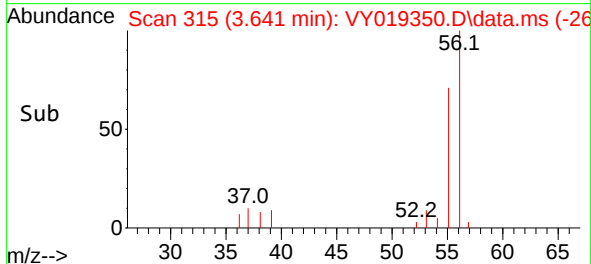
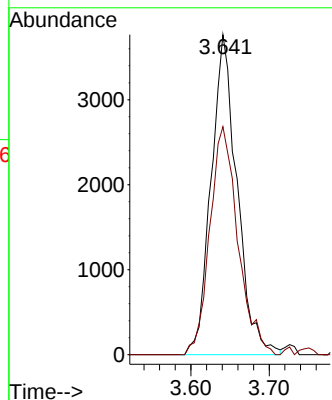
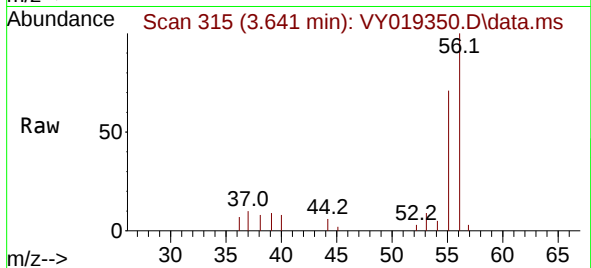
ClientSampleId :

Tgt Ion: 56 Resp: 8676

Ion Ratio Lower Upper

56 100

55 76.8 55.7 83.5



#14

Allyl chloride

Concen: 56.916 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

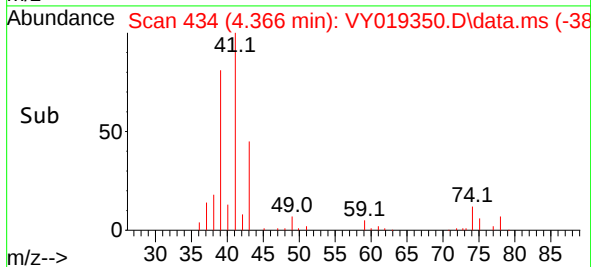
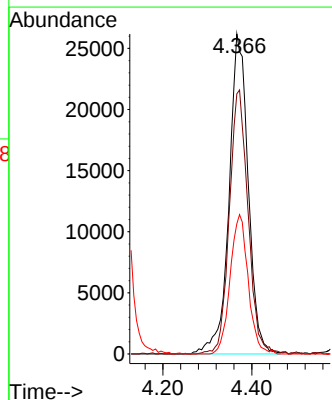
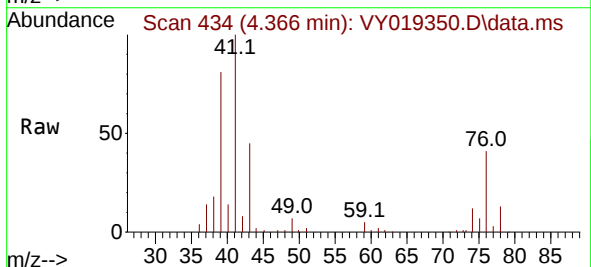
Tgt Ion: 41 Resp: 78180

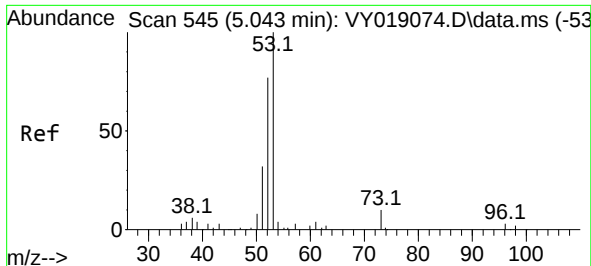
Ion Ratio Lower Upper

41 100

39 80.4 58.3 87.5

76 41.0 39.0 58.6

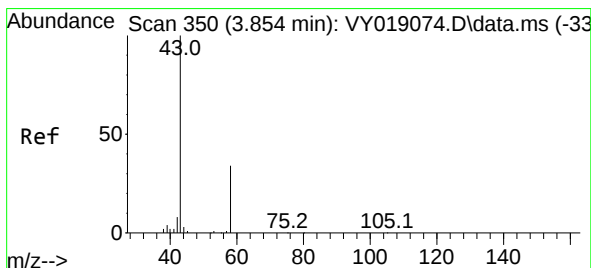
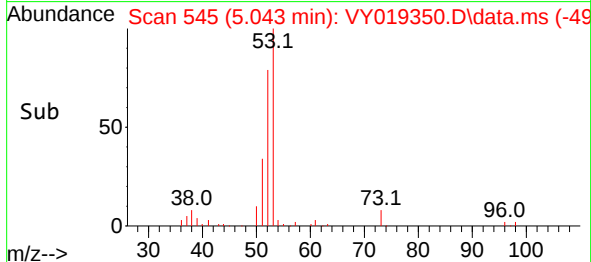
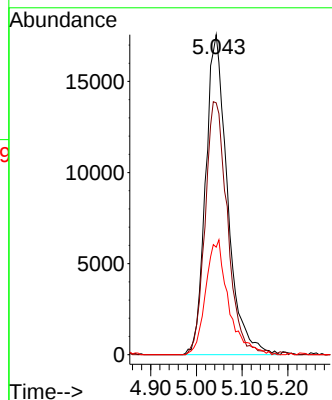
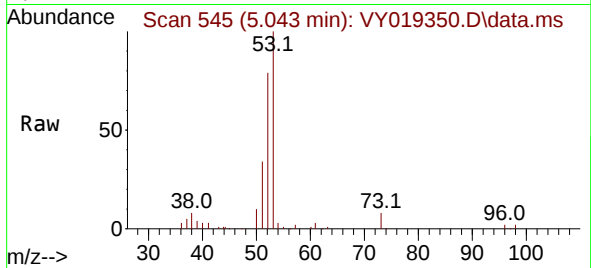




#15
Acrylonitrile
Concen: 259.143 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

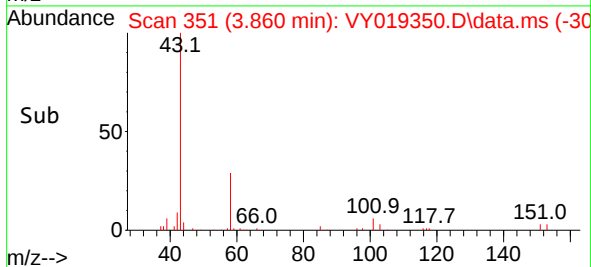
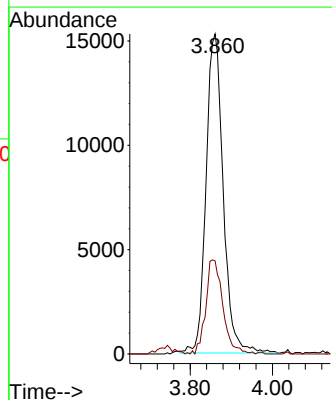
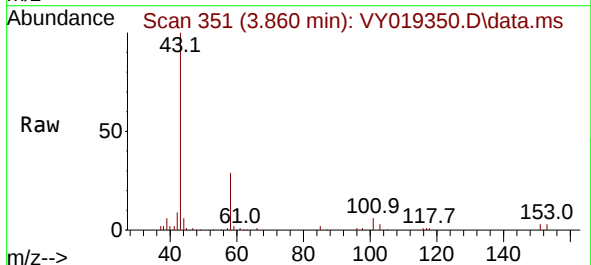
Instrument :
MSVOA_Y
ClientSampleId :

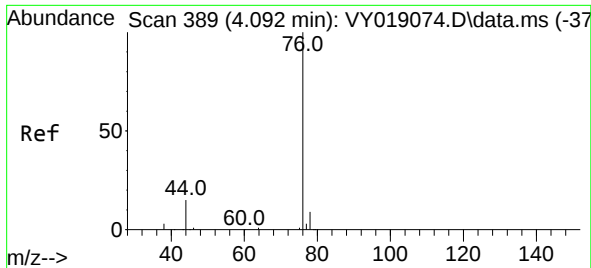
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.7	64.7	97.1
51	37.4	28.4	42.6



#16
Acetone
Concen: 230.014 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	31.7	47.5





#17

Carbon Disulfide

Concen: 49.031 ug/l

RT: 4.092 min Scan# 389

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

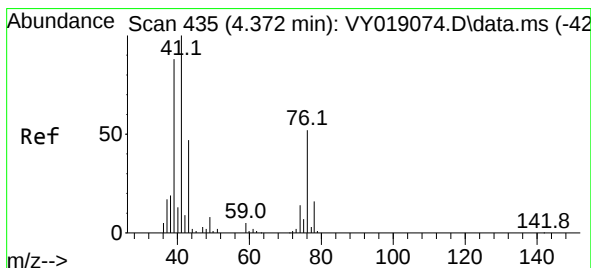
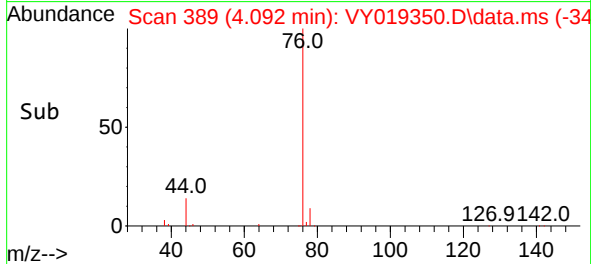
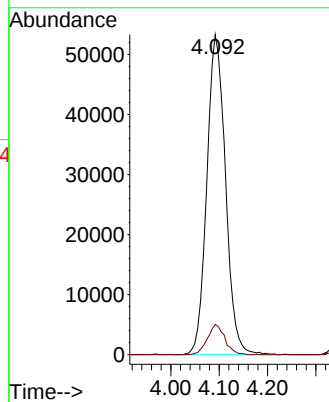
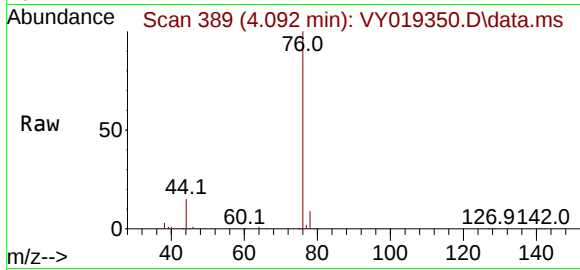
ClientSampleId :

Tgt Ion: 76 Resp: 142878

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



#18

Methyl Acetate

Concen: 61.050 ug/l

RT: 4.372 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY019350.D

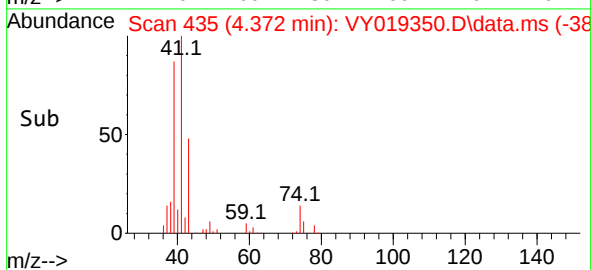
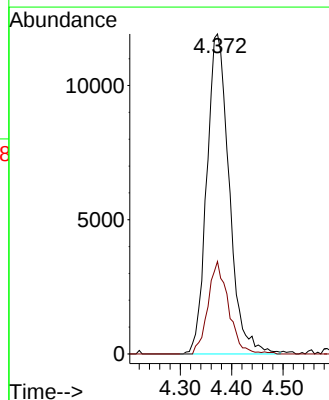
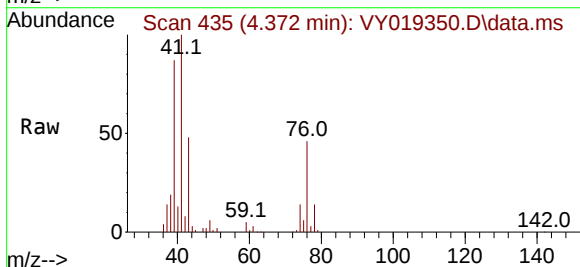
Acq: 29 Aug 2024 00:40

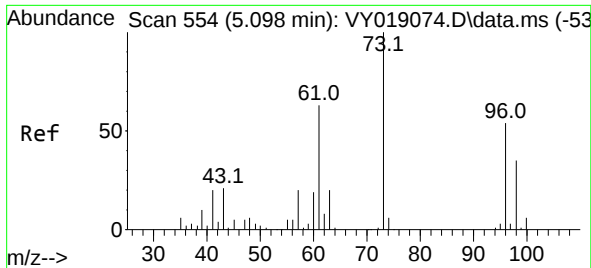
Tgt Ion: 43 Resp: 36077

Ion Ratio Lower Upper

43 100

74 26.5 23.3 34.9

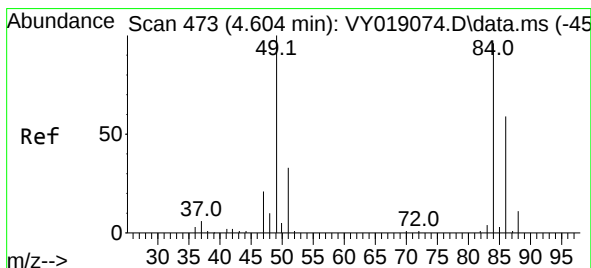
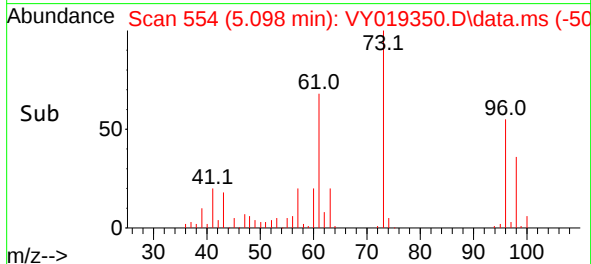
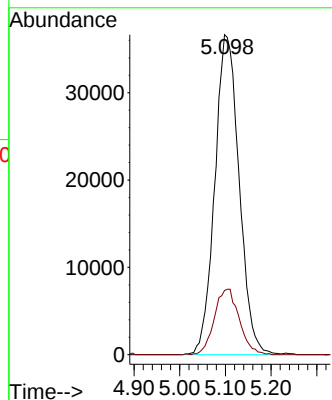
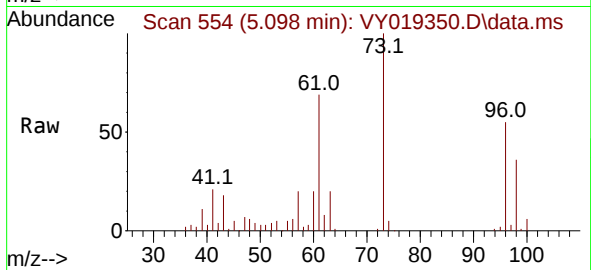




#19
Methyl tert-butyl Ether
Concen: 54.146 ug/l
RT: 5.098 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

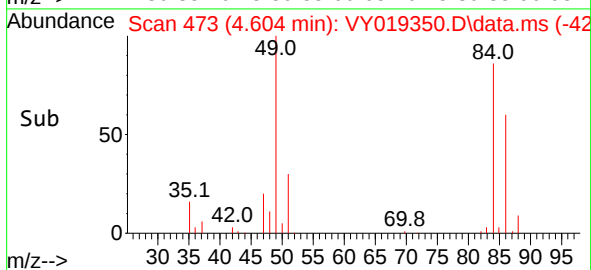
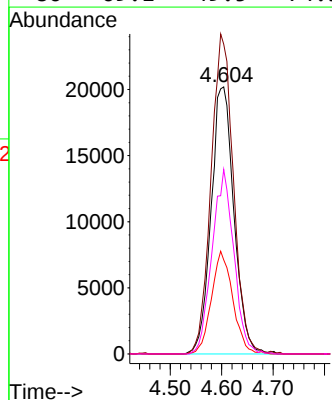
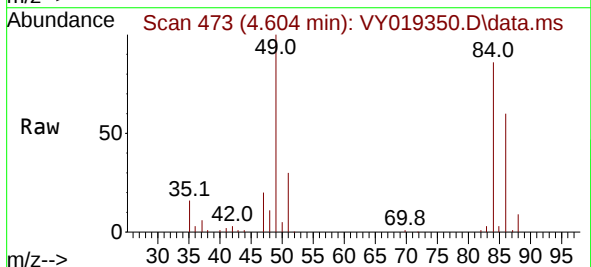
Instrument :
MSVOA_Y
ClientSampleId :

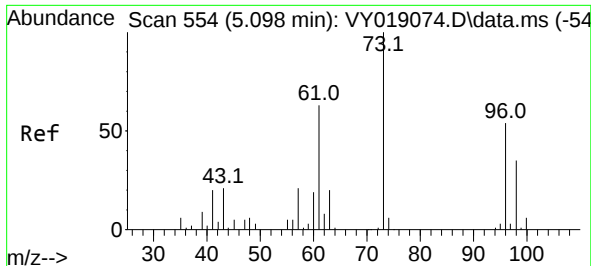
Tgt Ion: 73 Resp: 135623
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 52.743 ug/l
RT: 4.604 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

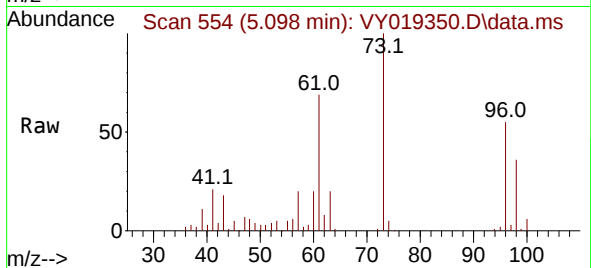
Tgt Ion: 84 Resp: 62398
Ion Ratio Lower Upper
84 100
49 116.0 84.4 126.6
51 35.3 26.0 39.0
86 69.1 49.5 74.3





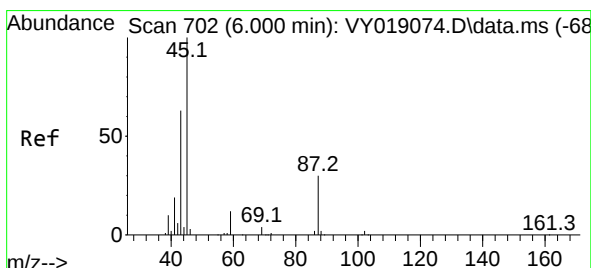
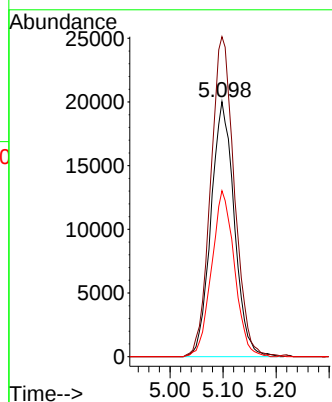
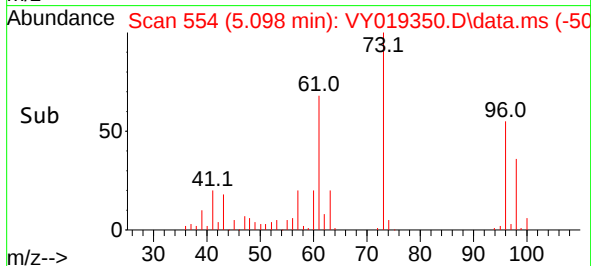
#21
trans-1,2-Dichloroethene
Concen: 52.907 ug/l
RT: 5.098 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

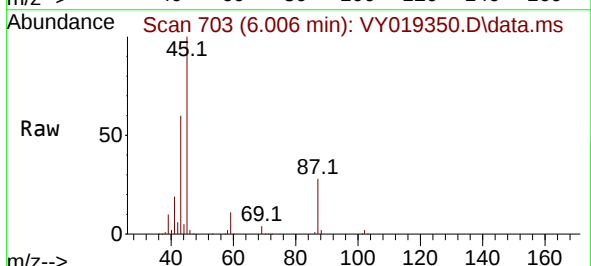


Tgt Ion: 96 Resp: 61068

Ion	Ratio	Lower	Upper
96	100		
61	125.4	97.5	146.3
98	65.0	50.5	75.7

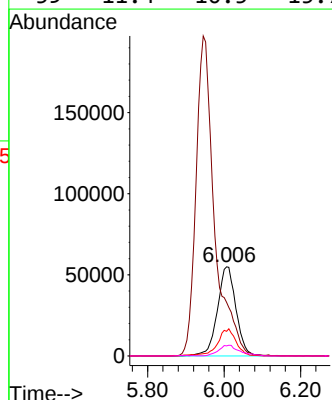
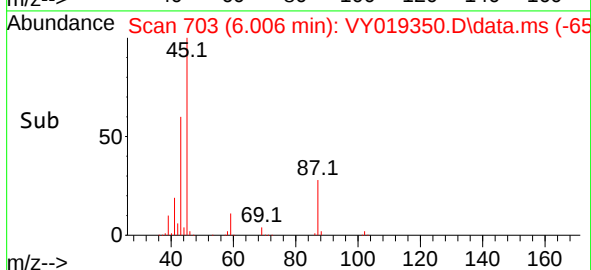


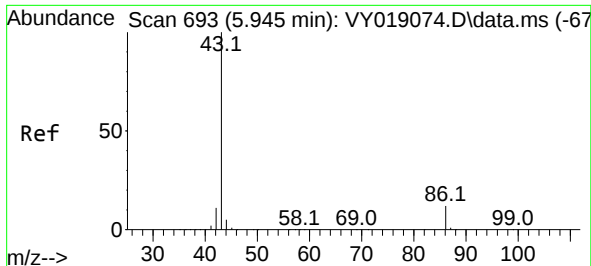
#22
Diisopropyl ether
Concen: 58.977 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40



Tgt Ion: 45 Resp: 185456

Ion	Ratio	Lower	Upper
45	100		
43	59.8	42.2	63.2
87	27.7	25.0	37.6
59	11.4	10.5	15.7

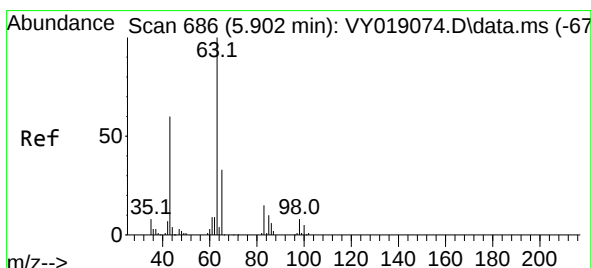
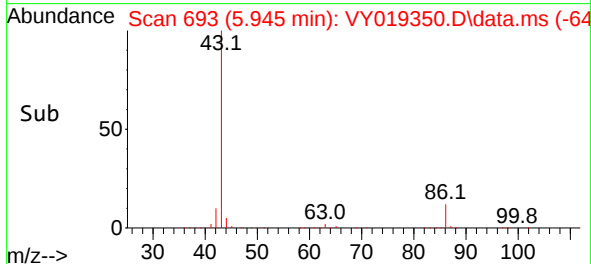
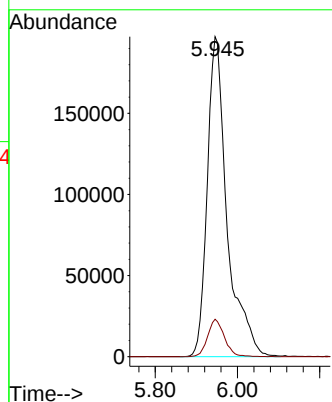
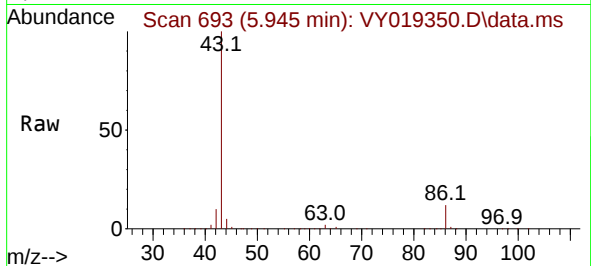




#23
 Vinyl Acetate
 Concen: 265.427 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019350.D
 Acq: 29 Aug 2024 00:40

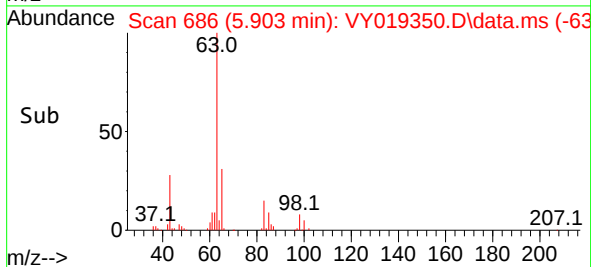
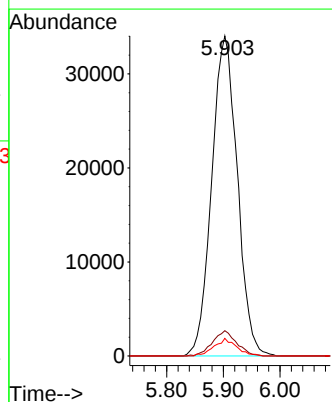
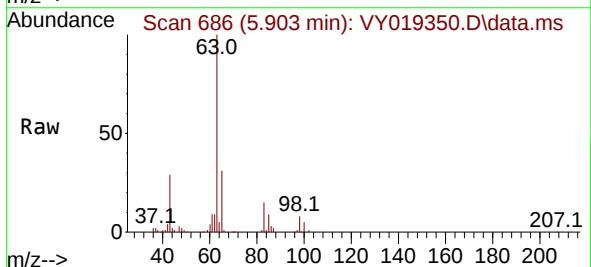
Instrument :
 MSVOA_Y
 ClientSampleId :

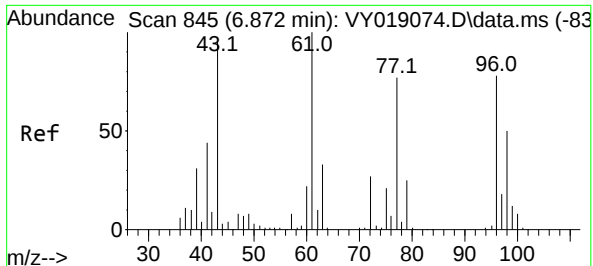
Tgt Ion: 43 Resp: 660798
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 55.510 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019350.D
 Acq: 29 Aug 2024 00:40

Tgt Ion: 63 Resp: 106748
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 242.300 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

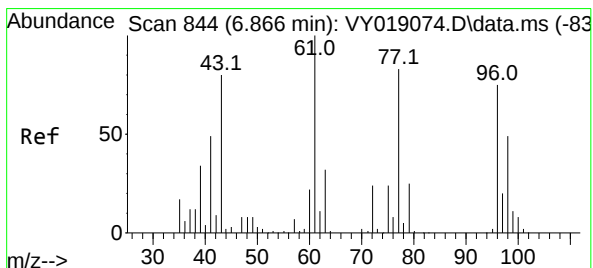
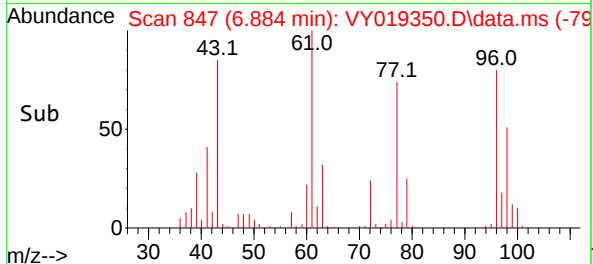
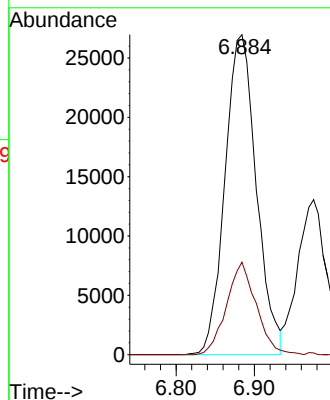
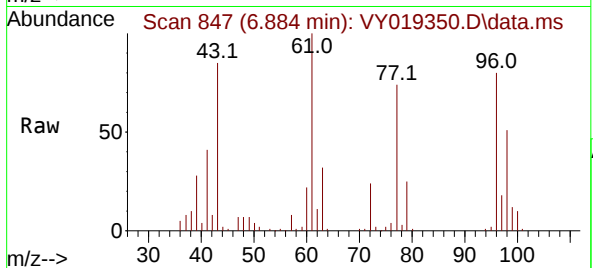
ClientSampleId :

Tgt Ion: 43 Resp: 75134

Ion Ratio Lower Upper

43 100

72 28.9 27.3 40.9



#26

2,2-Dichloropropane

Concen: 52.424 ug/l

RT: 6.872 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019350.D

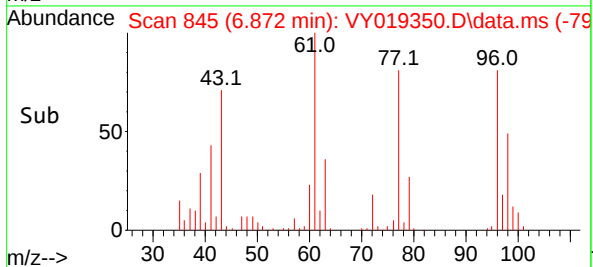
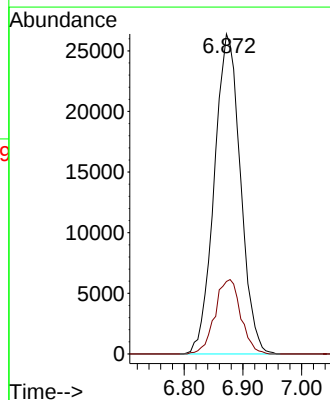
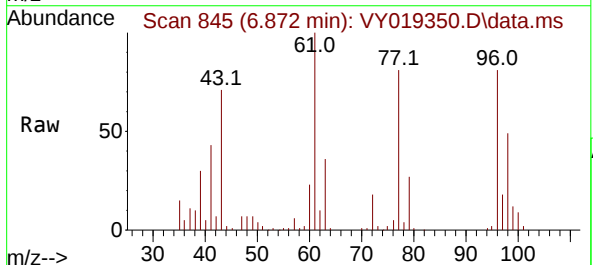
Acq: 29 Aug 2024 00:40

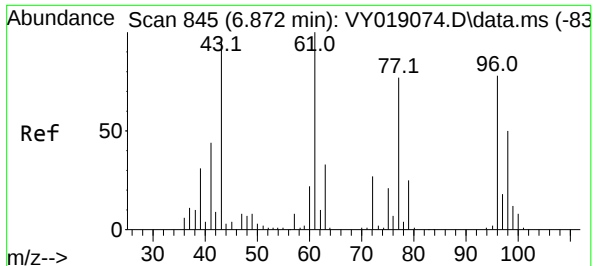
Tgt Ion: 77 Resp: 81637

Ion Ratio Lower Upper

77 100

97 22.9 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 55.361 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

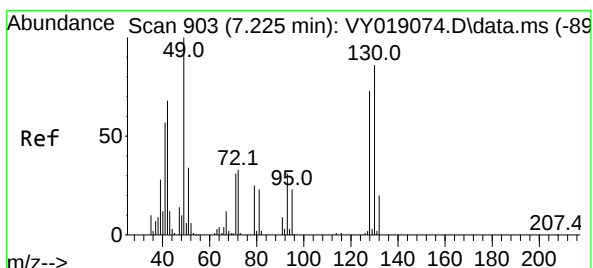
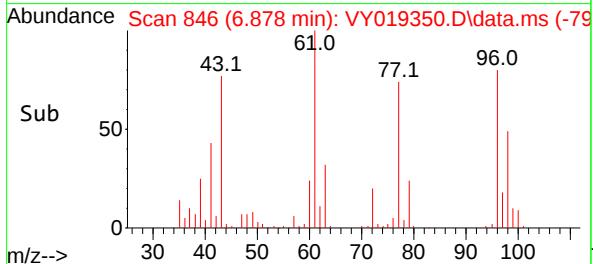
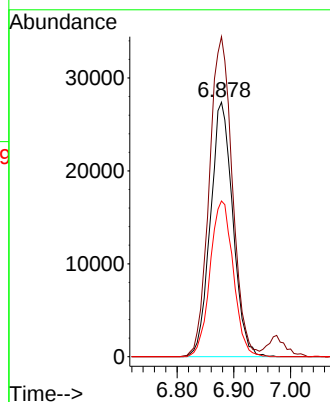
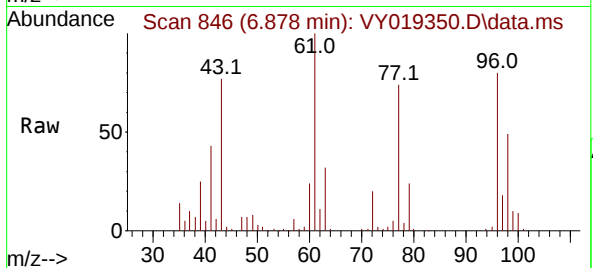
Tgt Ion: 96 Resp: 75199

Ion Ratio Lower Upper

96 100

61 129.8 0.0 256.2

98 63.2 0.0 130.0



#28

Bromochloromethane

Concen: 54.779 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

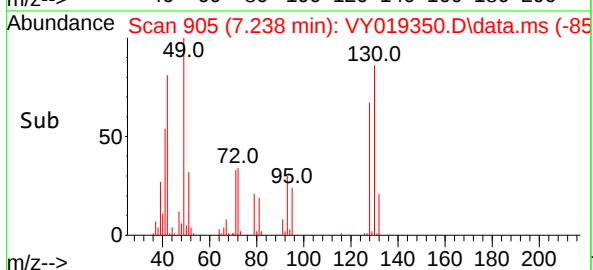
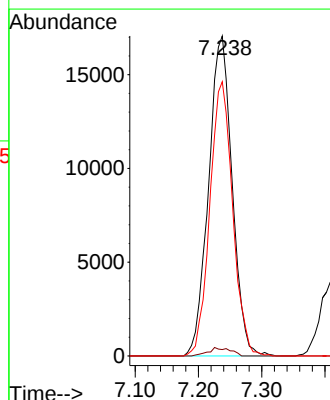
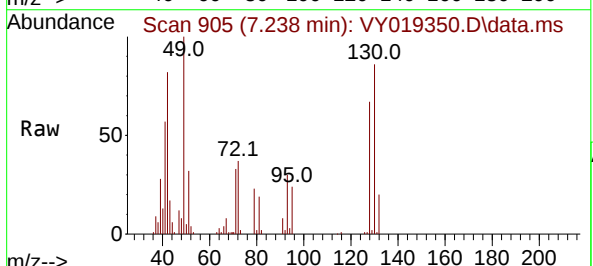
Tgt Ion: 49 Resp: 44189

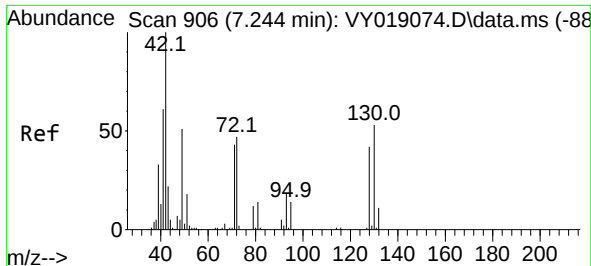
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 82.9 72.7 109.1





#29

Tetrahydrofuran

Concen: 259.486 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019350.D

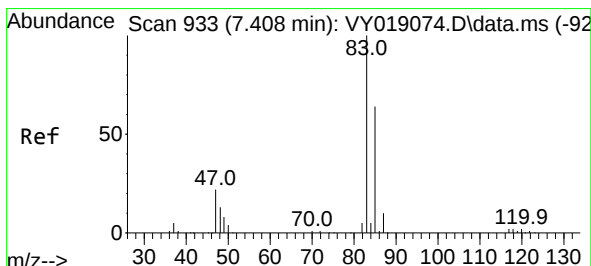
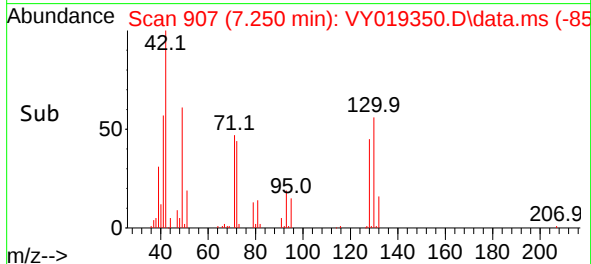
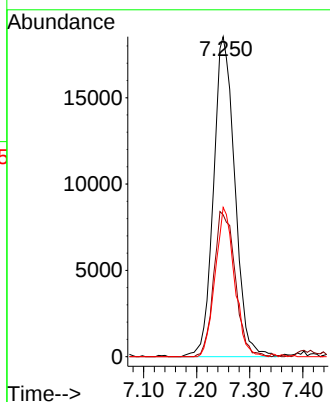
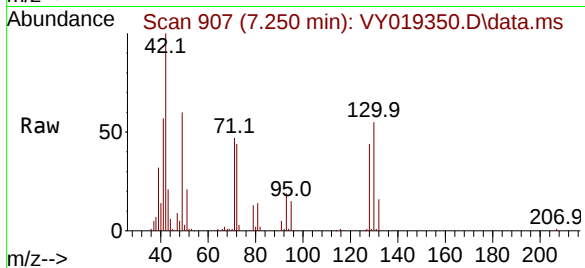
Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	51724
Ion	Ratio	Lower	Upper
42	100		
72	45.6	43.0	64.4
71	42.3	40.8	61.2



#30

Chloroform

Concen: 56.132 ug/l

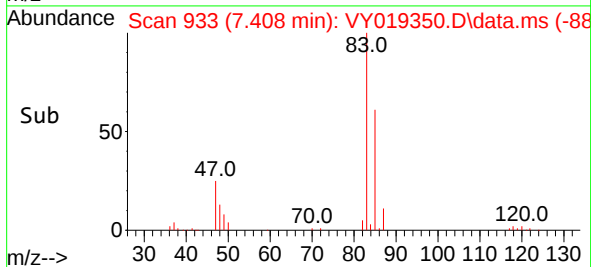
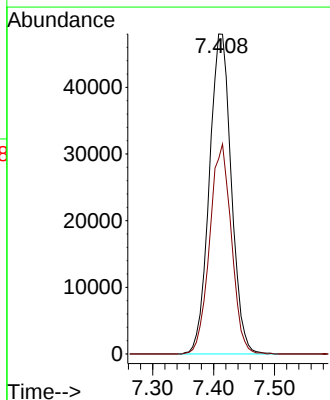
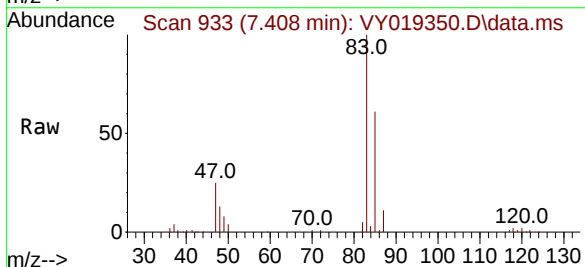
RT: 7.408 min Scan# 933

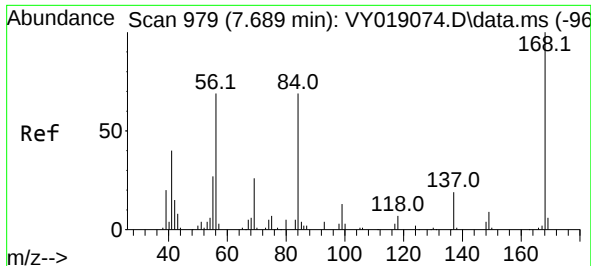
Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

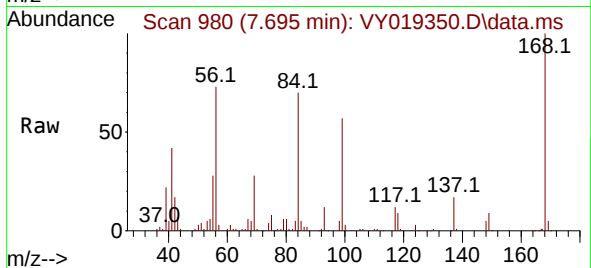
Tgt Ion:	83	Resp:	120281
Ion	Ratio	Lower	Upper
83	100		
85	61.0	52.2	78.4



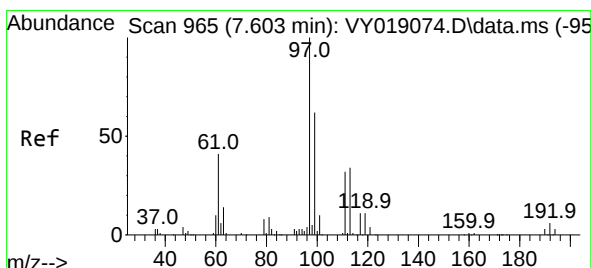
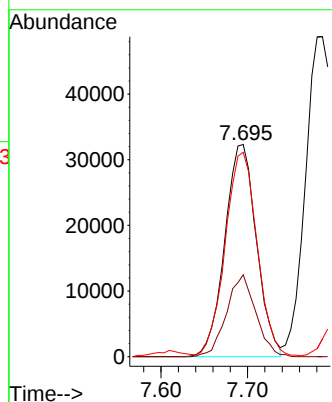
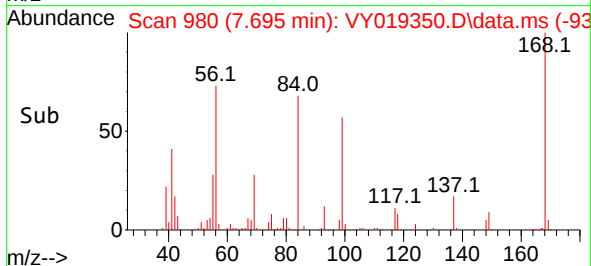


#31
Cyclohexane
Concen: 55.838 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

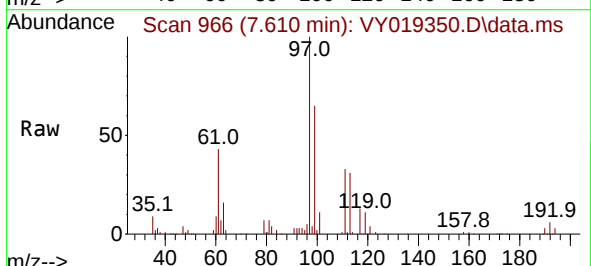
Instrument :
MSVOA_Y
ClientSampleId :



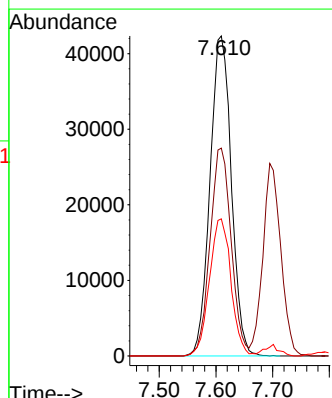
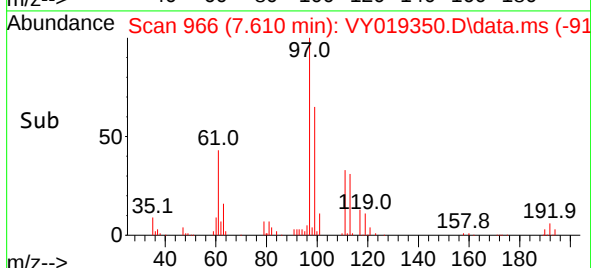
Tgt Ion: 56 Resp: 82184
Ion Ratio Lower Upper
56 100
69 38.7 28.7 43.1
84 94.5 77.7 116.5

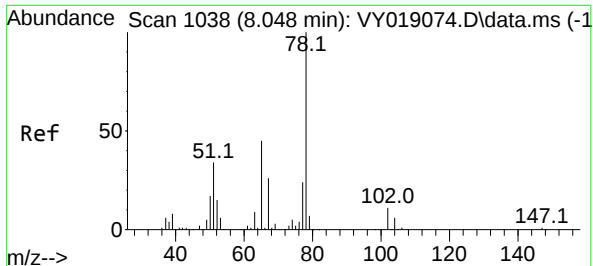


#32
1,1,1-Trichloroethane
Concen: 58.734 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40



Tgt Ion: 97 Resp: 110604
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 43.5 32.6 48.8

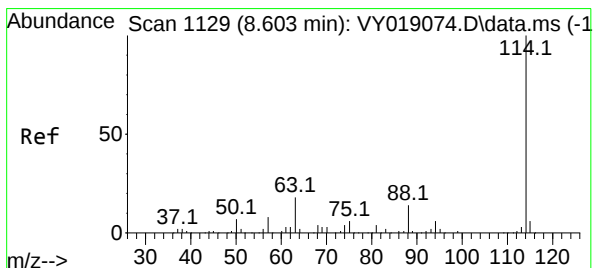
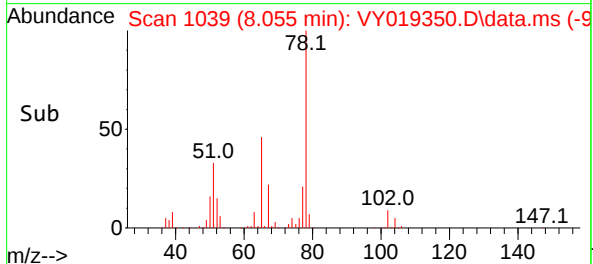
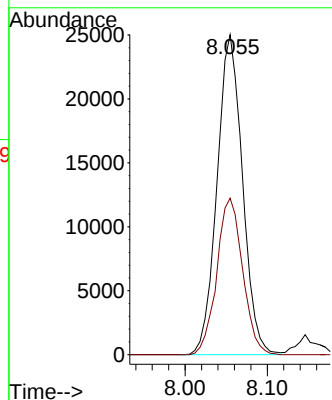
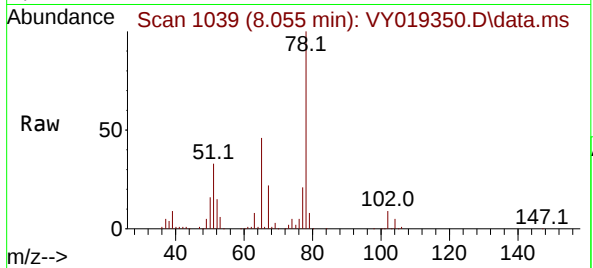




#33
1,2-Dichloroethane-d4
Concen: 51.833 ug/l
RT: 8.055 min Scan# 110
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

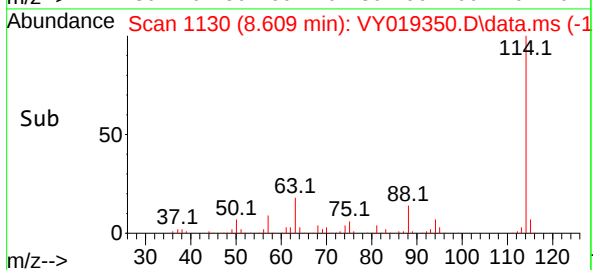
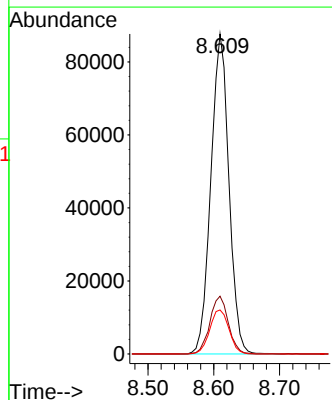
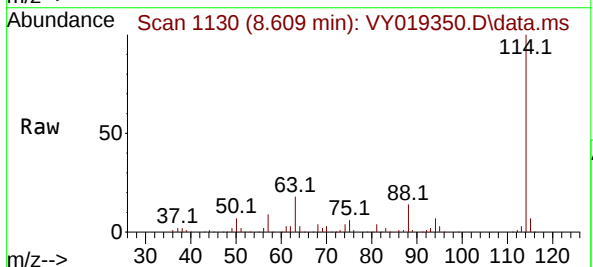
Instrument :
MSVOA_Y
ClientSampleId :

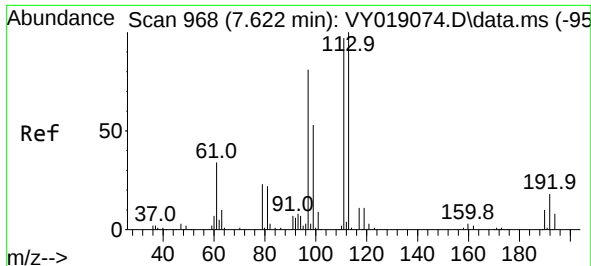
Tgt Ion: 65 Resp: 53815
Ion Ratio Lower Upper
65 100
67 49.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion:114 Resp: 167178
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.0
88 13.7 0.0 27.2

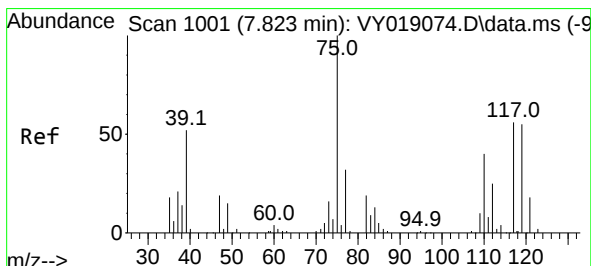
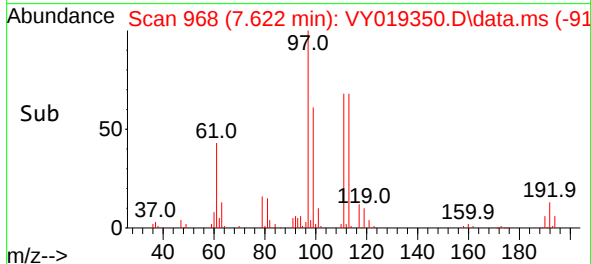
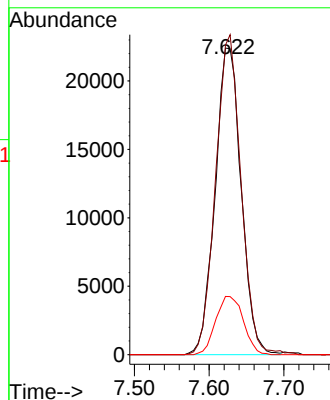
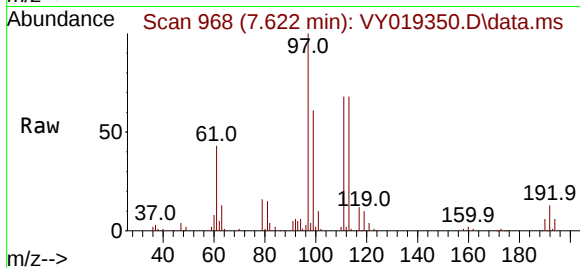




#35
Dibromofluoromethane
Concen: 49.784 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

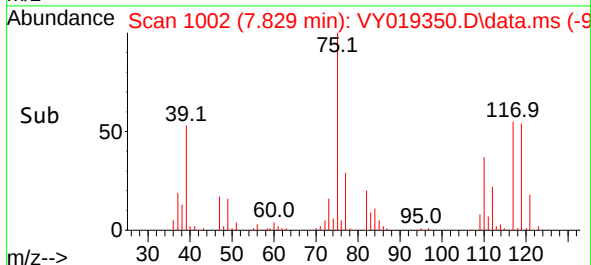
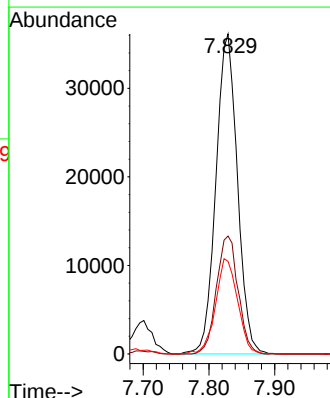
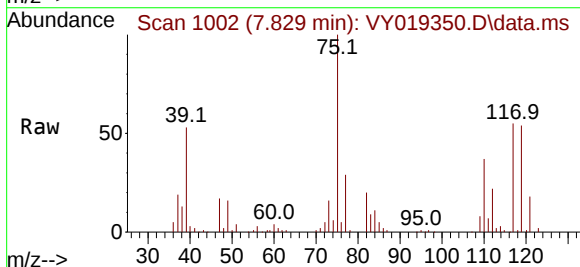
Instrument :
MSVOA_Y
ClientSampleId :

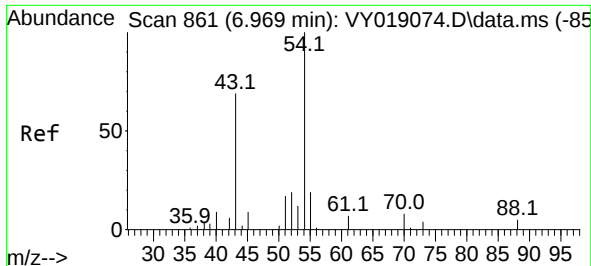
Tgt Ion:113 Resp: 54419
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 54.810 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 75 Resp: 82272
Ion Ratio Lower Upper
75 100
110 37.0 19.0 57.0
77 30.5 25.3 37.9



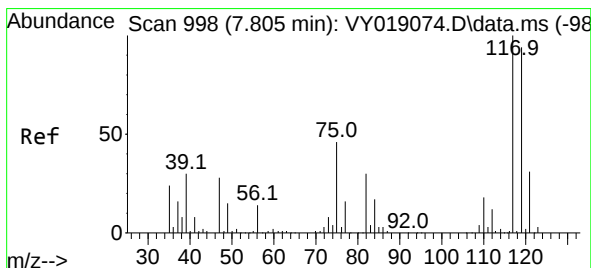
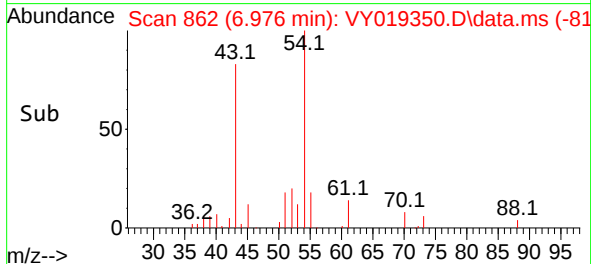
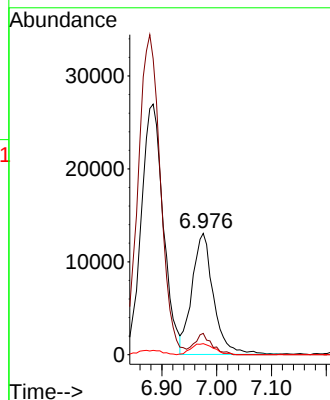
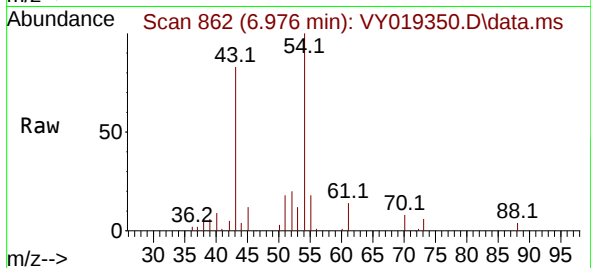


#37
Ethyl Acetate
Concen: 53.193 ug/l
RT: 6.976 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 35375

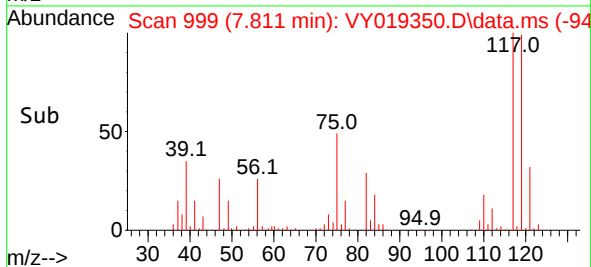
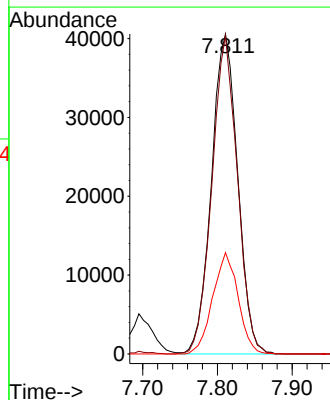
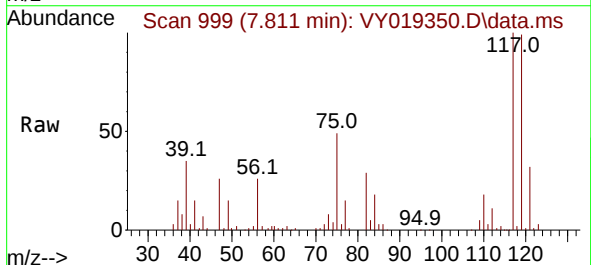
Ion	Ratio	Lower	Upper
43	100		
61	14.0	12.6	19.0
70	9.8	7.8	11.8

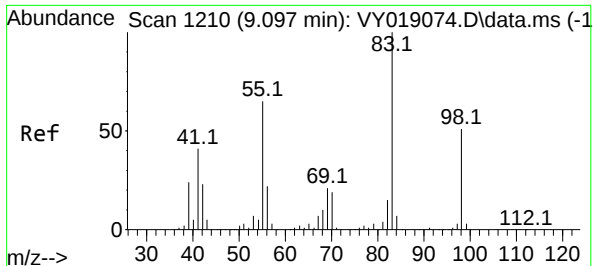


#38
Carbon Tetrachloride
Concen: 57.005 ug/l
RT: 7.811 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 117 Resp: 99162

Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.8	113.6
121	31.6	24.0	36.0





#39

Methylcyclohexane

Concen: 51.406 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

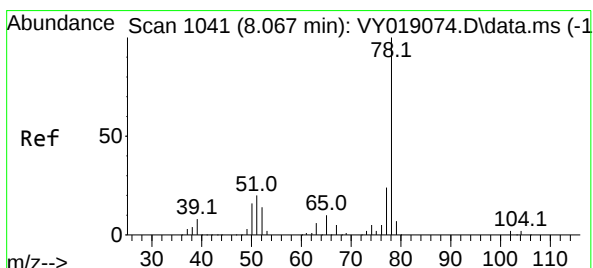
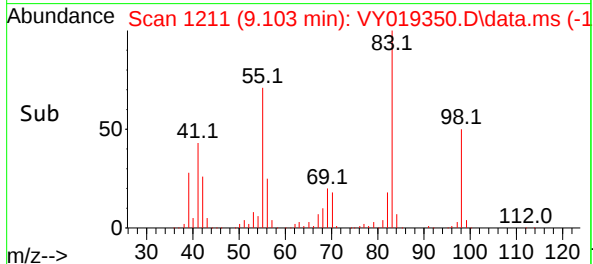
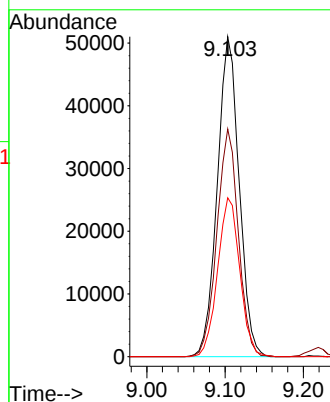
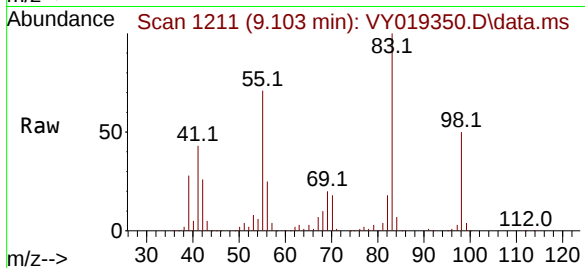
Tgt Ion: 83 Resp: 99021

Ion Ratio Lower Upper

83 100

55 71.1 51.5 77.3

98 49.7 40.5 60.7



#40

Benzene

Concen: 54.890 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019350.D

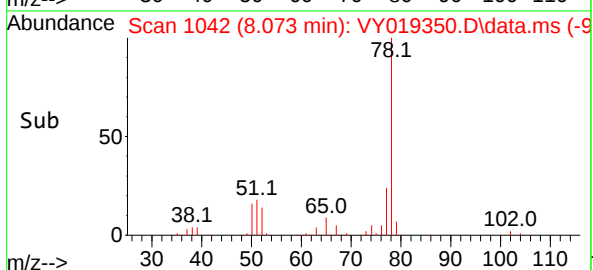
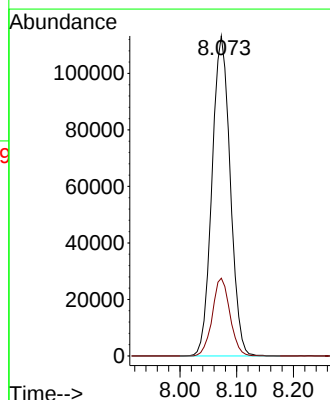
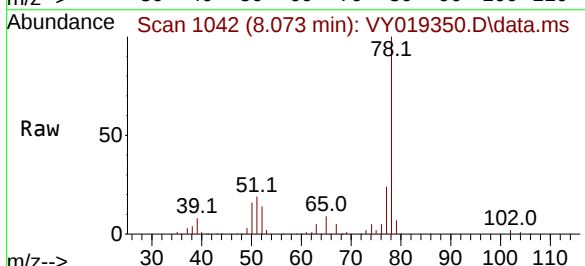
Acq: 29 Aug 2024 00:40

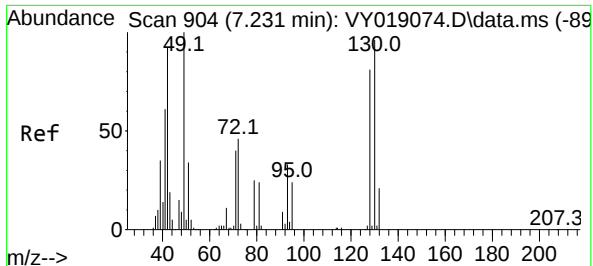
Tgt Ion: 78 Resp: 252691

Ion Ratio Lower Upper

78 100

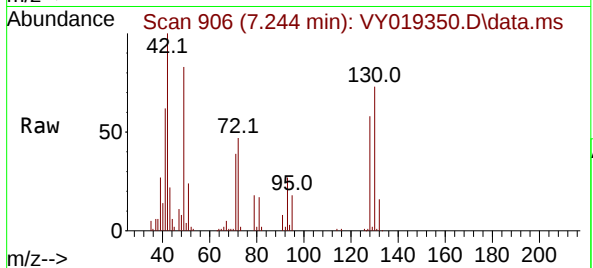
77 24.3 19.5 29.3



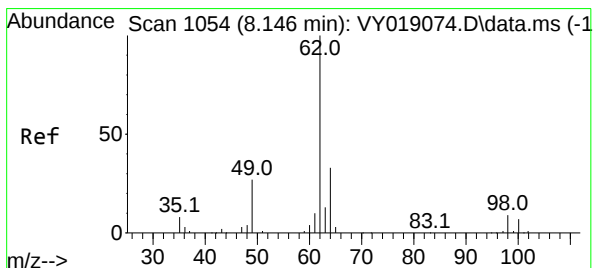
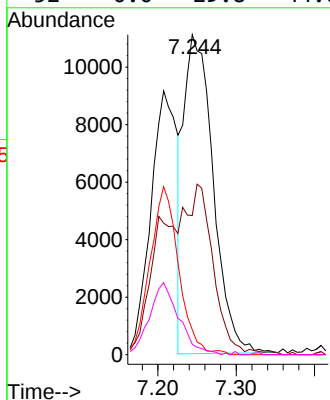
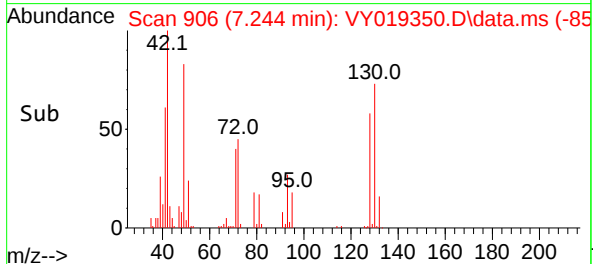


#41
Methacrylonitrile
Concen: 79.779 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

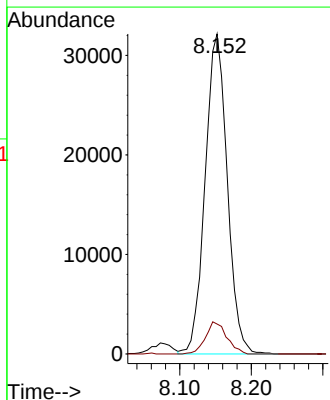
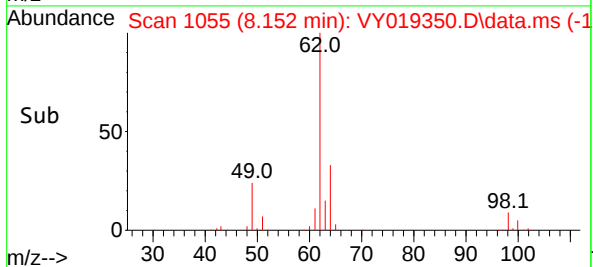
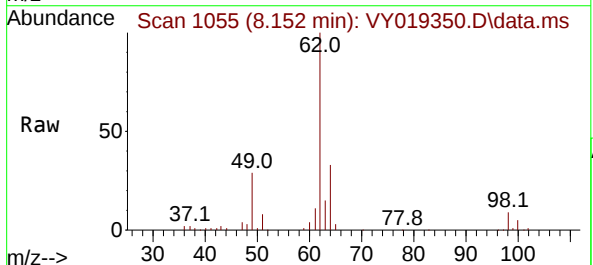


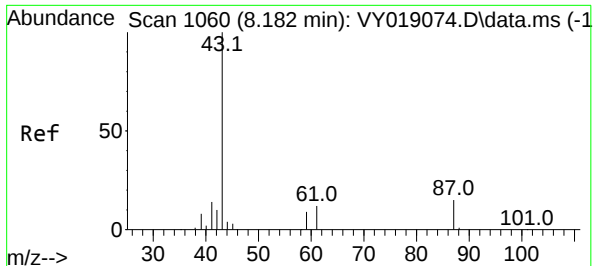
Tgt Ion: 41 Resp: 28958
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 55.624 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 62 Resp: 69150
Ion Ratio Lower Upper
62 100
98 9.6 0.0 22.0

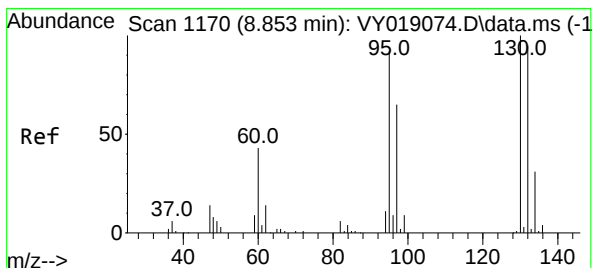
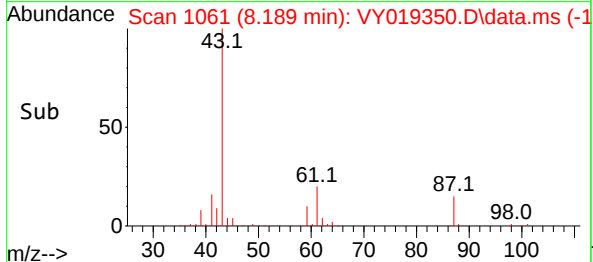
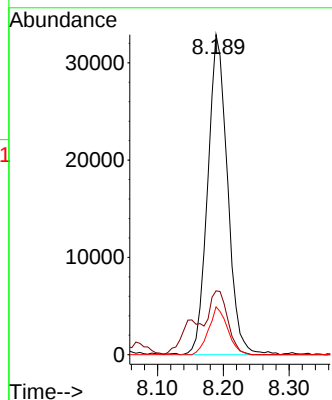
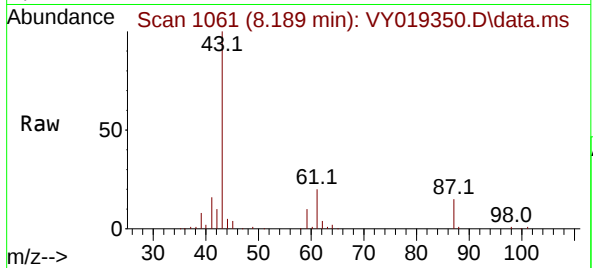




#43
Isopropyl Acetate
Concen: 51.147 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

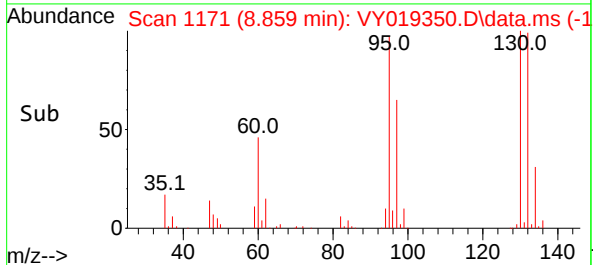
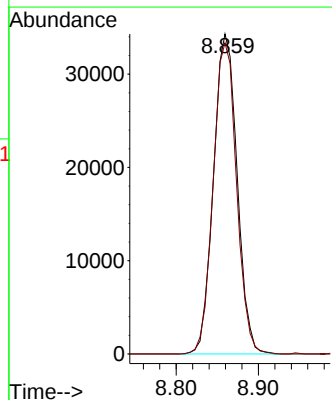
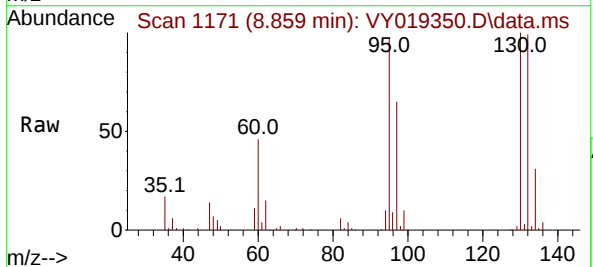
Instrument :
MSVOA_Y
ClientSampleId :

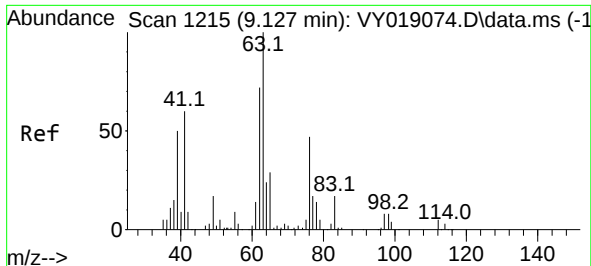
Tgt Ion: 43 Resp: 68790
Ion Ratio Lower Upper
43 100
61 18.7 27.9 41.9#
87 14.3 13.1 19.7



#44
Trichloroethene
Concen: 53.095 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion:130 Resp: 68202
Ion Ratio Lower Upper
130 100
95 97.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 54.144 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

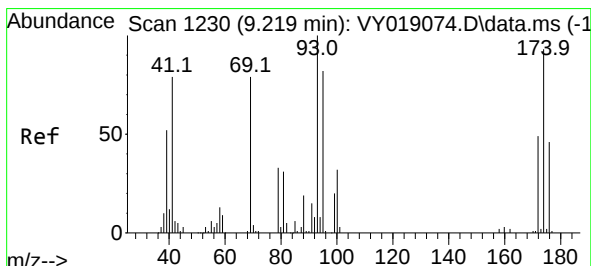
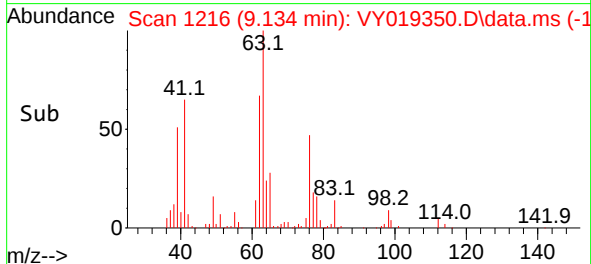
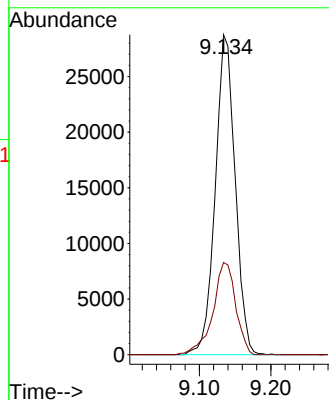
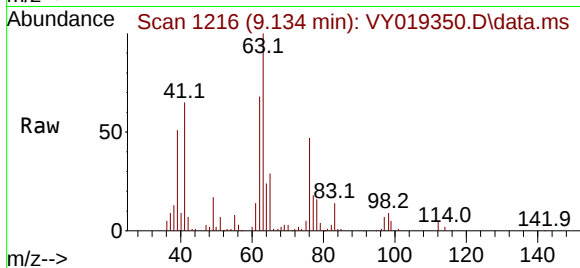
ClientSampleId :

Tgt Ion: 63 Resp: 55535

Ion Ratio Lower Upper

63 100

65 28.8 25.4 38.2



#46

Dibromomethane

Concen: 50.338 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.012 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

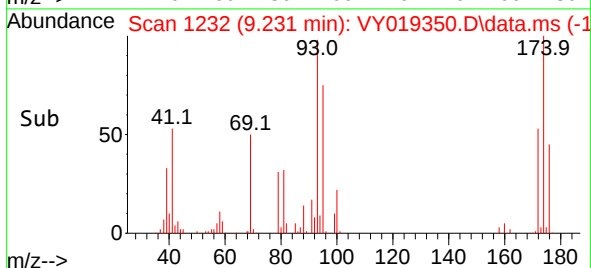
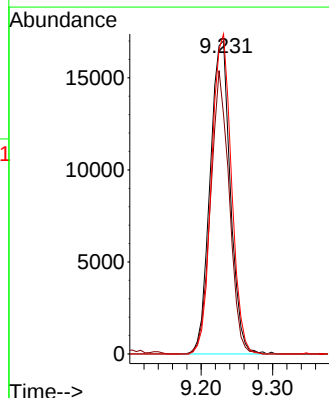
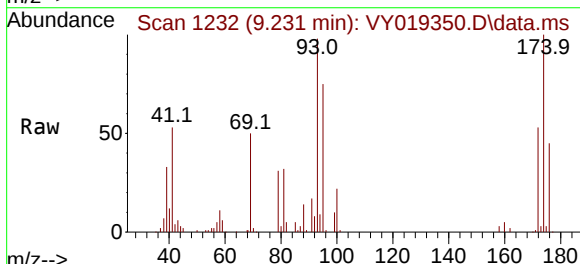
Tgt Ion: 93 Resp: 33488

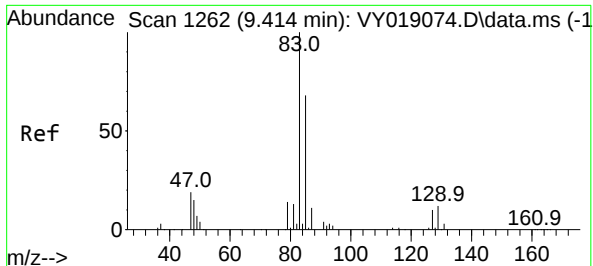
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 100.1 80.9 121.3

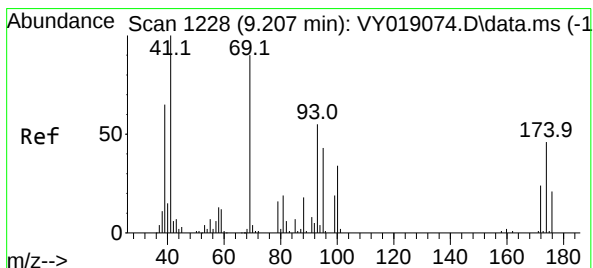
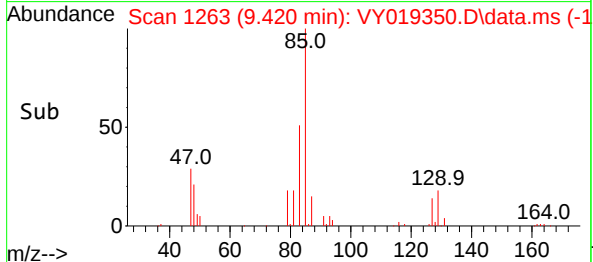
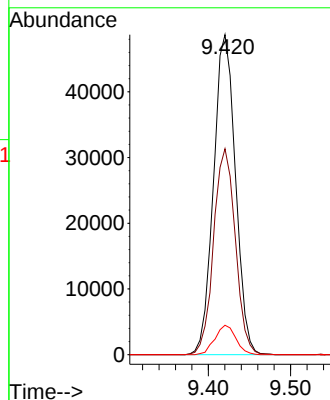
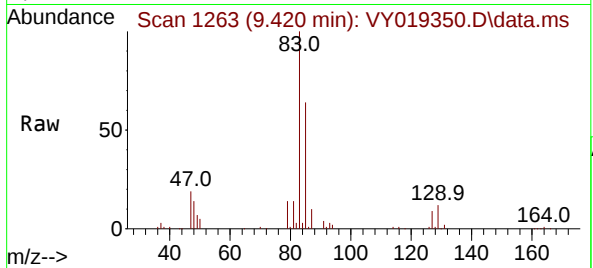




#47
Bromodichloromethane
Concen: 55.285 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

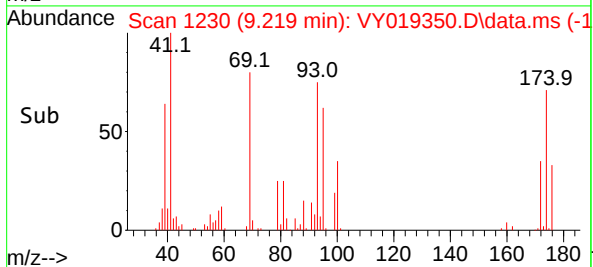
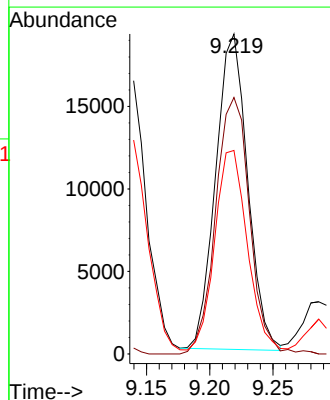
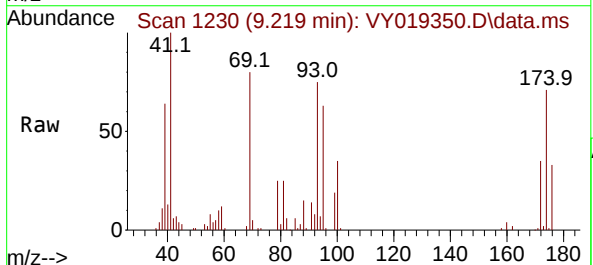
Instrument :
MSVOA_Y
ClientSampleId :

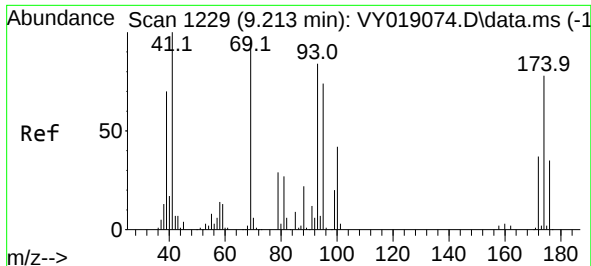
Tgt Ion: 83 Resp: 90233
Ion Ratio Lower Upper
83 100
85 64.4 50.1 75.1
127 9.2 7.4 11.0



#48
Methyl methacrylate
Concen: 55.986 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 41 Resp: 33558
Ion Ratio Lower Upper
41 100
69 86.7 84.1 126.1
39 64.6 43.6 65.4





#49

1,4-Dioxane

Concen: 936.626 ug/l

RT: 9.225 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

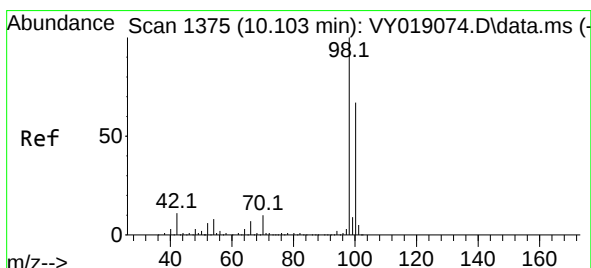
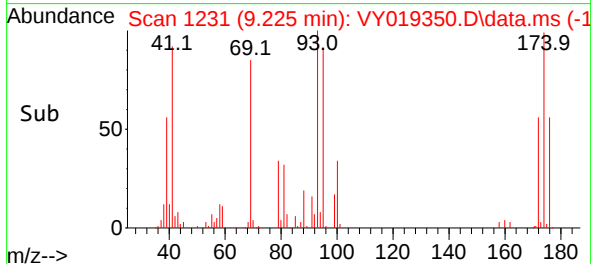
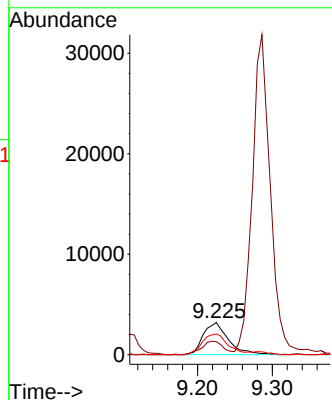
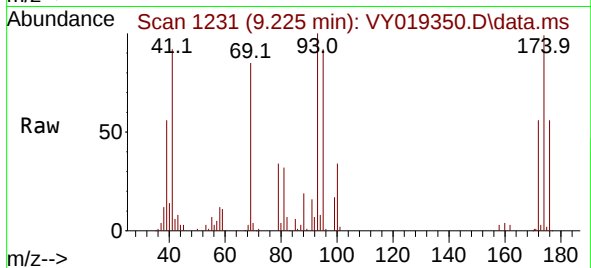
Tgt Ion: 88 Resp: 7548

Ion Ratio Lower Upper

88 100

43 37.0 0.0 0.0#

58 65.8 49.3 73.9



#50

Toluene-d8

Concen: 49.326 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019350.D

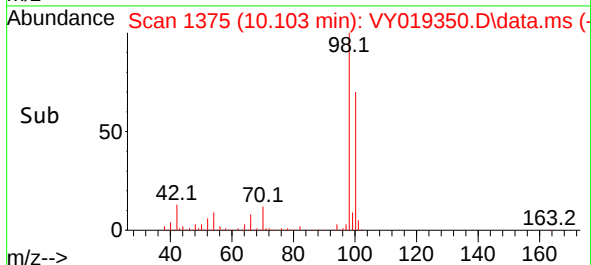
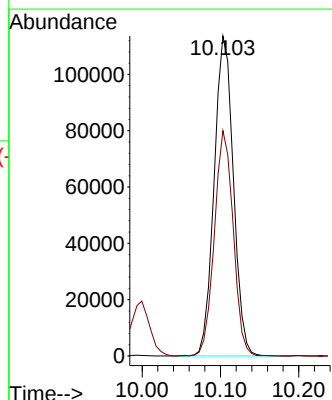
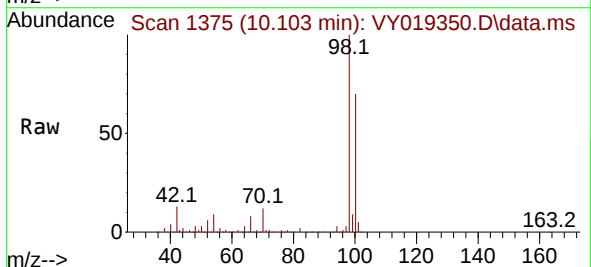
Acq: 29 Aug 2024 00:40

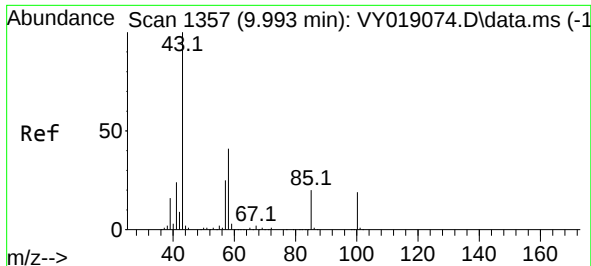
Tgt Ion: 98 Resp: 194035

Ion Ratio Lower Upper

98 100

100 68.9 52.0 78.0

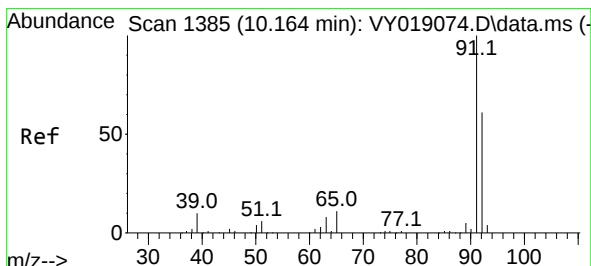
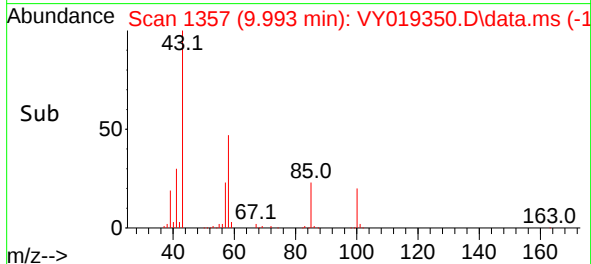
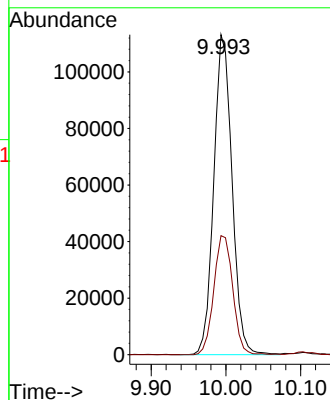
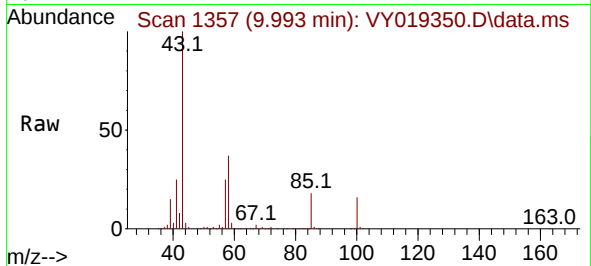




#51
4-Methyl-2-Pentanone
Concen: 269.376 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

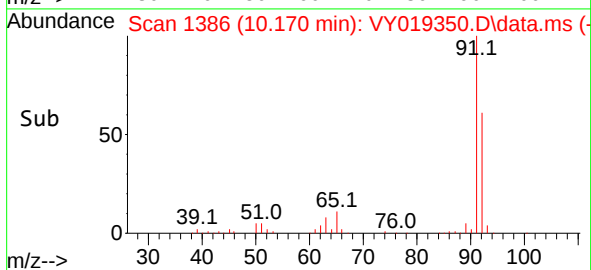
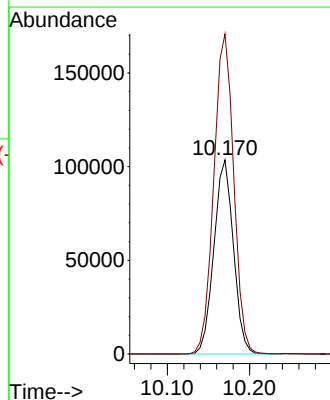
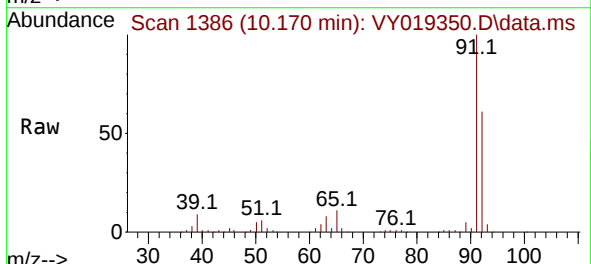
Instrument :
MSVOA_Y
ClientSampleId :

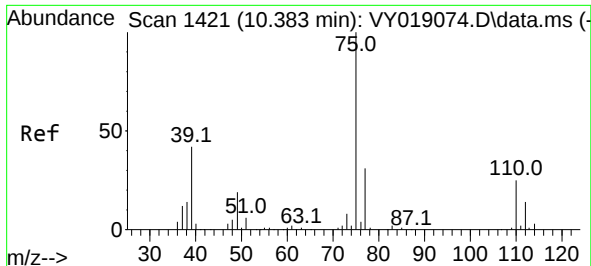
Tgt Ion: 43 Resp: 192293
Ion Ratio Lower Upper
43 100
58 38.6 35.7 53.5



#52
Toluene
Concen: 56.498 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 92 Resp: 170732
Ion Ratio Lower Upper
92 100
91 168.3 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 54.257 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

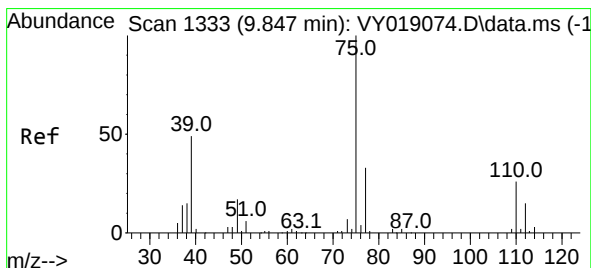
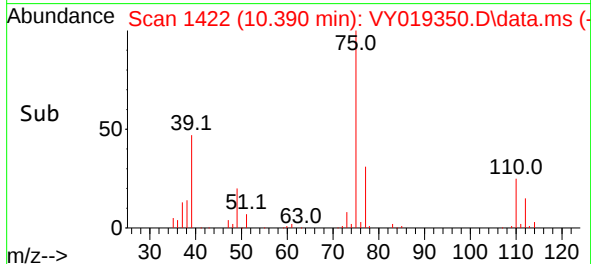
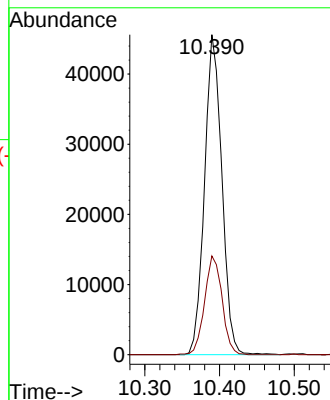
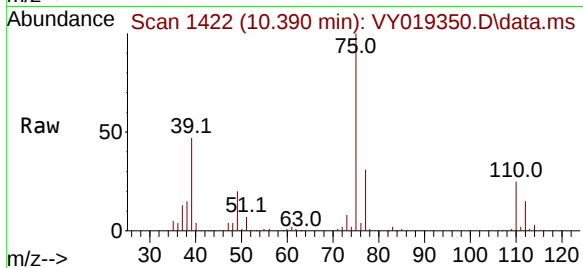
ClientSampleId :

Tgt Ion: 75 Resp: 73459

Ion Ratio Lower Upper

75 100

77 30.8 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 53.273 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

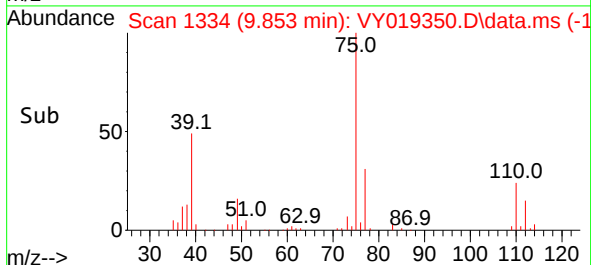
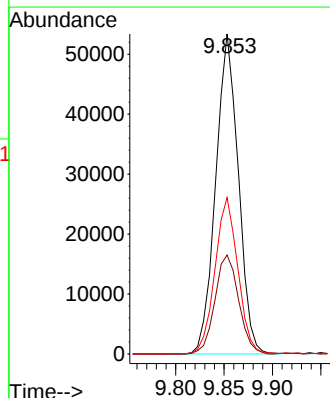
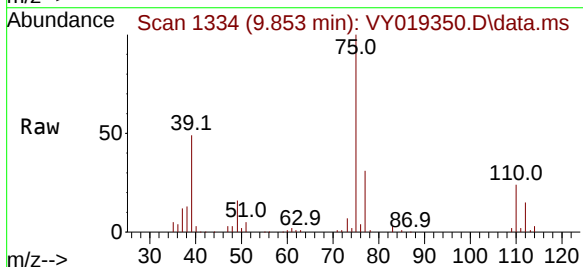
Tgt Ion: 75 Resp: 86743

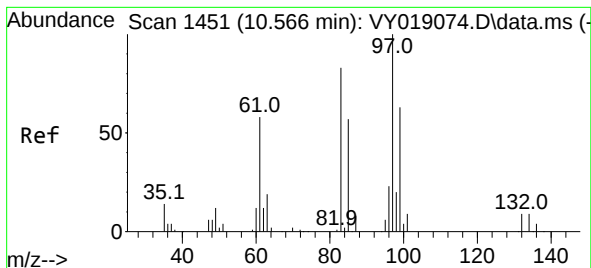
Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.0

39 48.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 51.820 ug/l

RT: 10.572 min Scan# 1451

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 44379

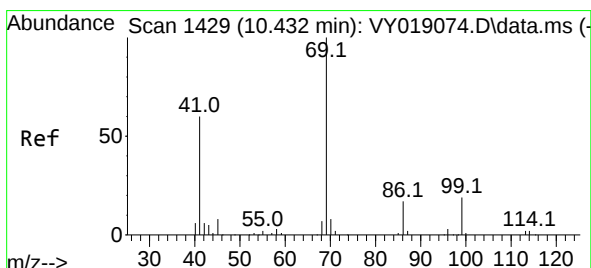
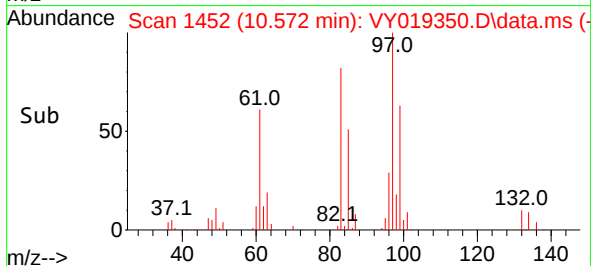
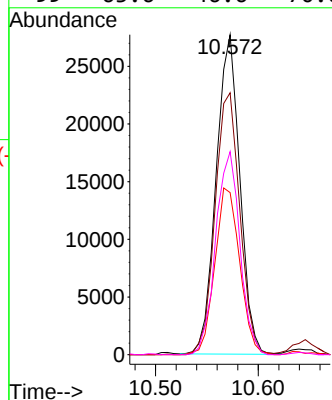
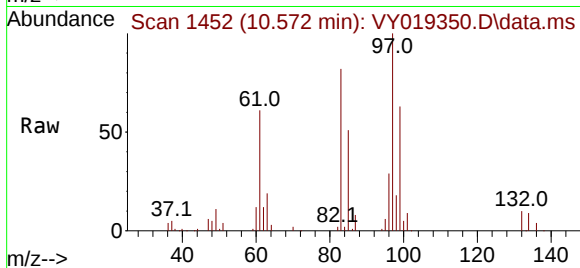
Ion Ratio Lower Upper

97 100

83 82.1 67.5 101.3

85 50.8 42.9 64.3

99 63.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 53.262 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

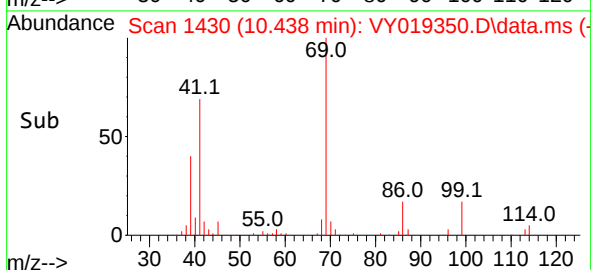
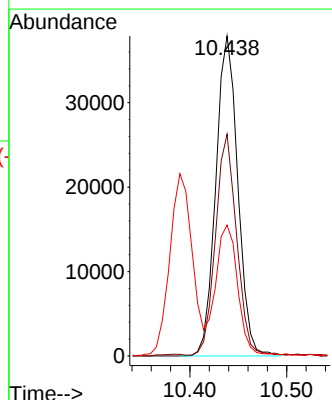
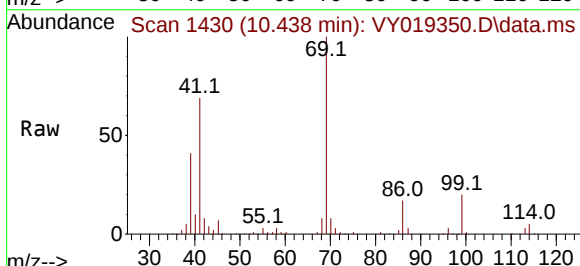
Tgt Ion: 69 Resp: 59705

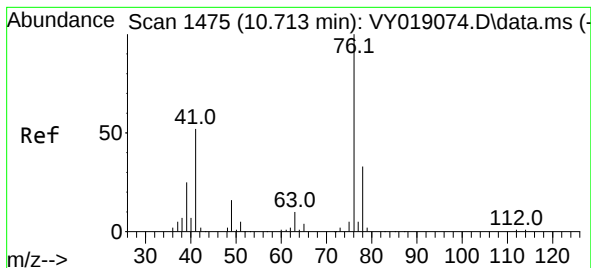
Ion Ratio Lower Upper

69 100

41 66.1 42.3 63.5#

39 41.1 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 53.783 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

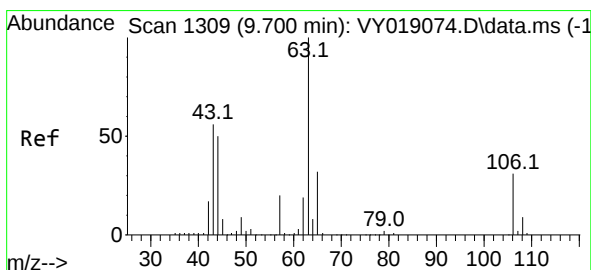
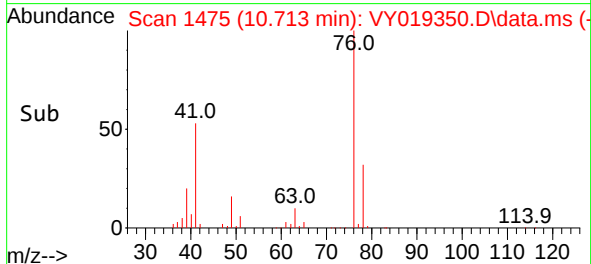
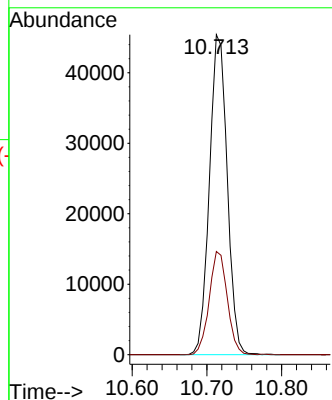
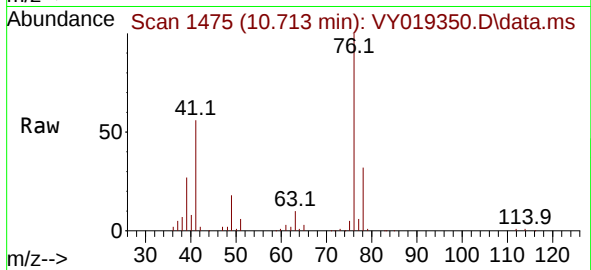
ClientSampleId :

Tgt Ion: 76 Resp: 75086

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 252.001 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019350.D

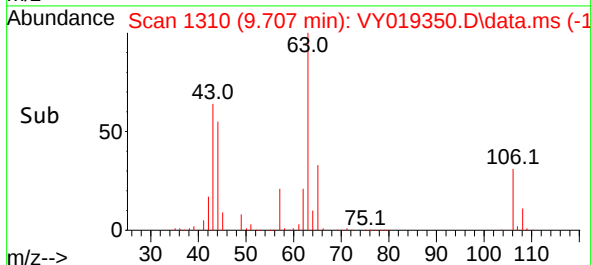
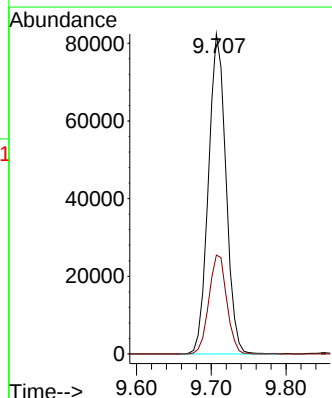
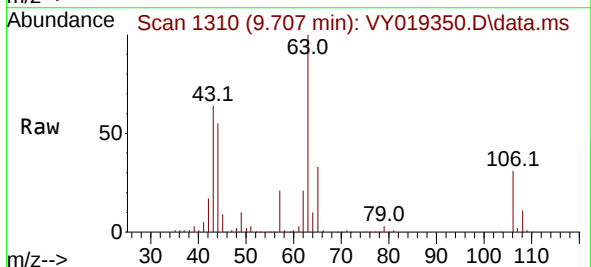
Acq: 29 Aug 2024 00:40

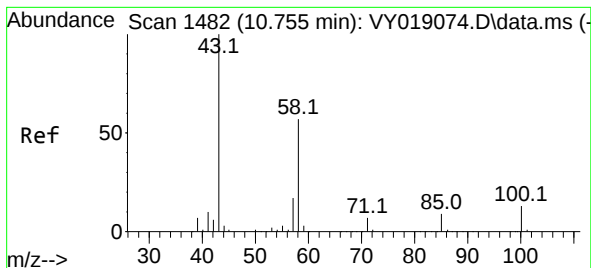
Tgt Ion: 63 Resp: 134010

Ion Ratio Lower Upper

63 100

106 31.5 23.7 35.5





#59

2-Hexanone

Concen: 268.522 ug/l

RT: 10.761 min Scan# 1482

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

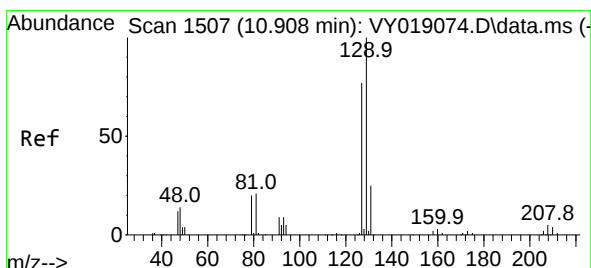
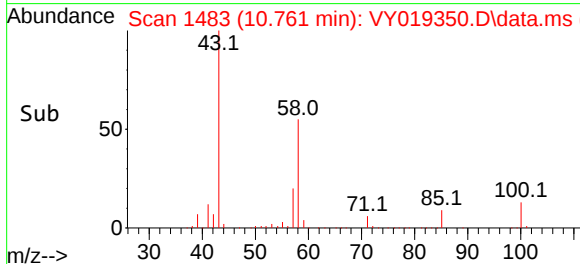
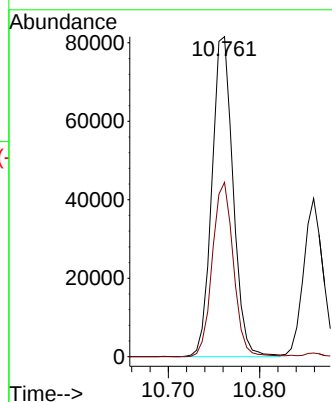
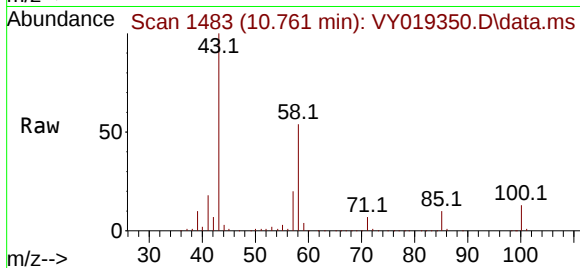
ClientSampleId :

Tgt Ion: 43 Resp: 131690

Ion Ratio Lower Upper

43 100

58 54.1 31.4 94.0



#60

Dibromochloromethane

Concen: 52.683 ug/l

RT: 10.908 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VY019350.D

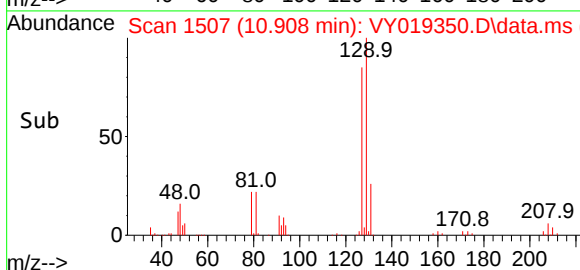
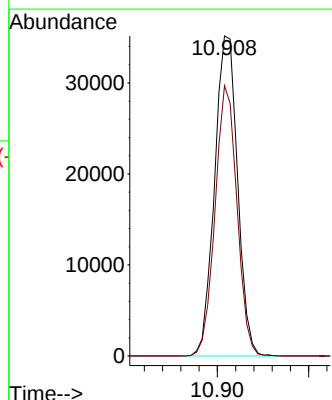
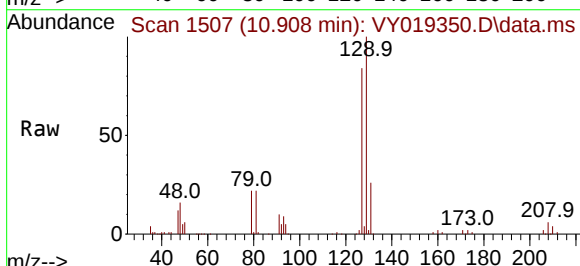
Acq: 29 Aug 2024 00:40

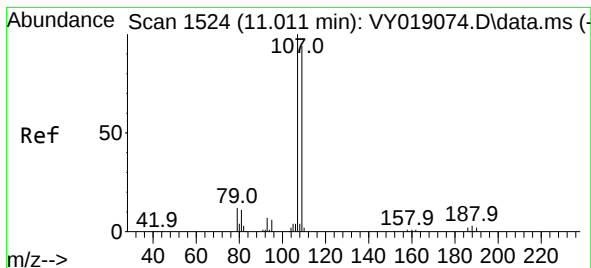
Tgt Ion:129 Resp: 61452

Ion Ratio Lower Upper

129 100

127 80.5 39.0 117.0

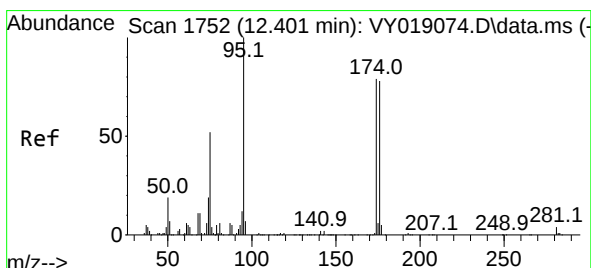
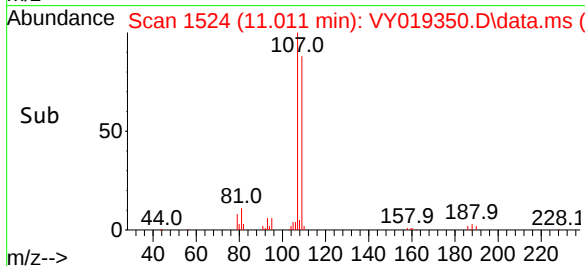
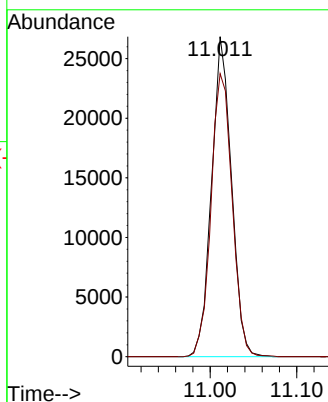
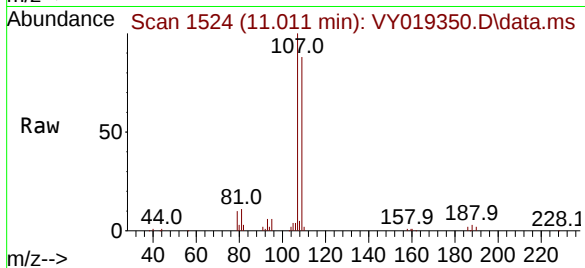




#61
1,2-Dibromoethane
Concen: 51.763 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

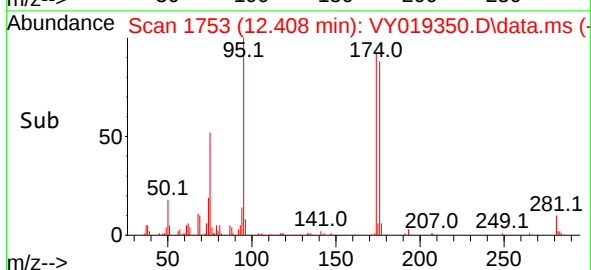
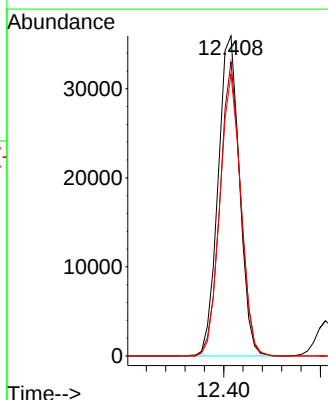
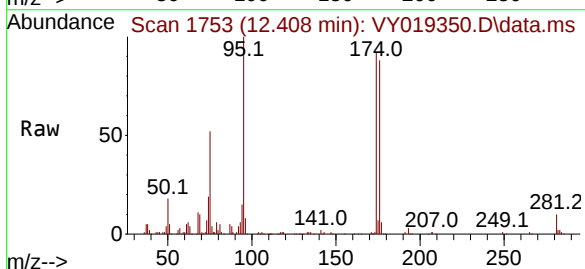
Instrument :
MSVOA_Y
ClientSampleId :

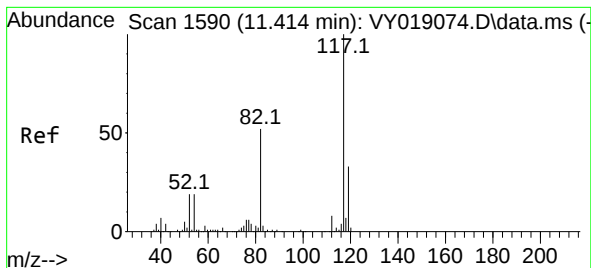
Tgt Ion:107 Resp: 42847
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 41.000 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 95 Resp: 54981
Ion Ratio Lower Upper
95 100
174 88.1 0.0 175.6
176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

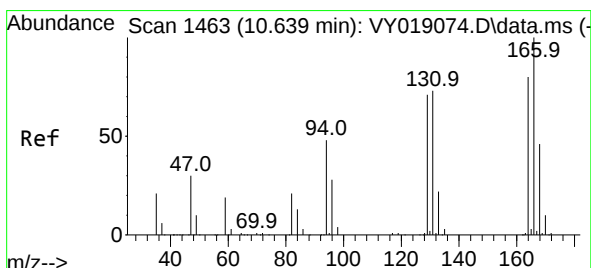
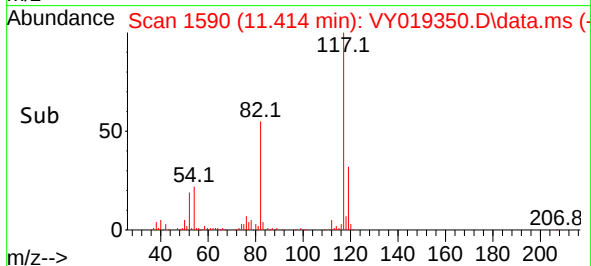
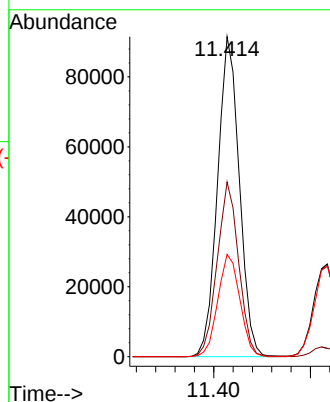
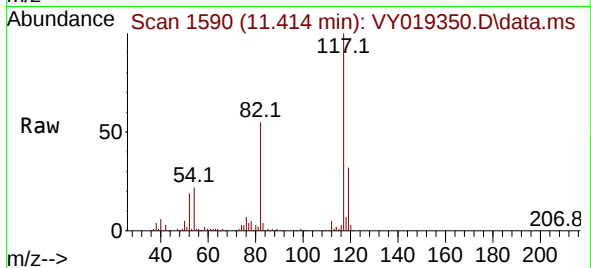
Tgt Ion:117 Resp: 142963

Ion Ratio Lower Upper

117 100

82 54.6 42.4 63.6

119 31.9 25.9 38.9



#64

Tetrachloroethene

Concen: 61.807 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Tgt Ion:164 Resp: 77234

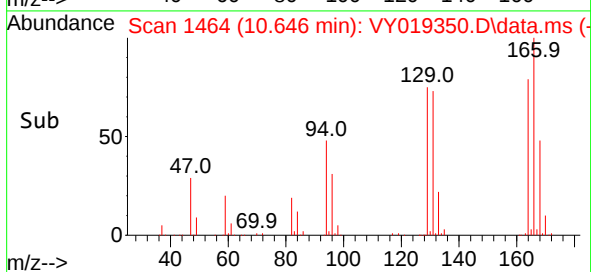
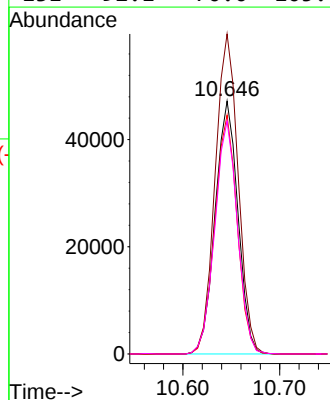
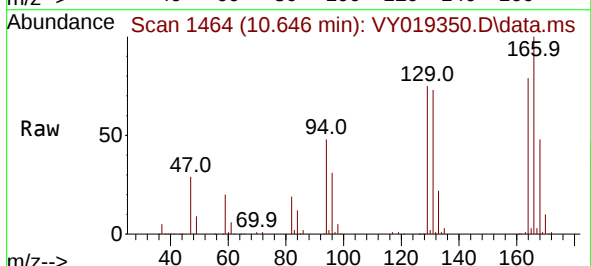
Ion Ratio Lower Upper

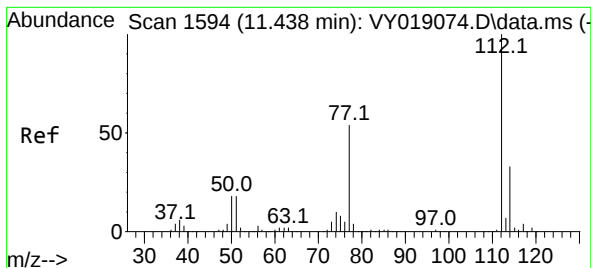
164 100

166 126.6 102.6 154.0

129 94.4 72.0 108.0

131 92.1 70.0 105.0





#65

Chlorobenzene

Concen: 55.407 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

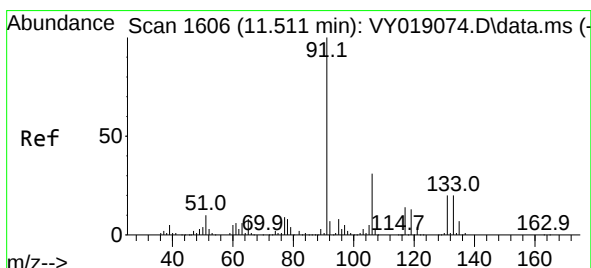
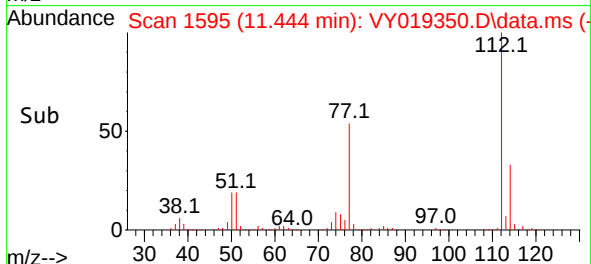
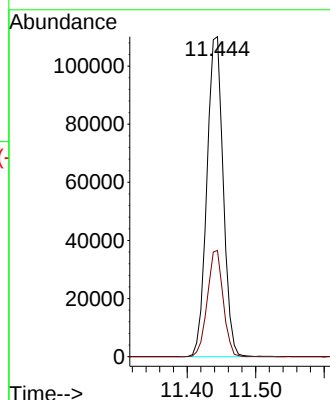
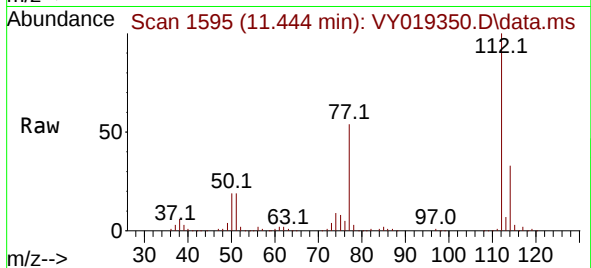
ClientSampleId :

Tgt Ion:112 Resp: 182393

Ion Ratio Lower Upper

112 100

114 33.2 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 56.909 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

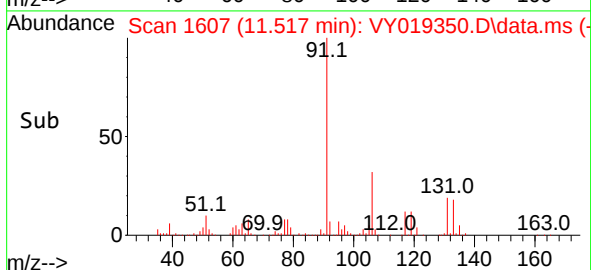
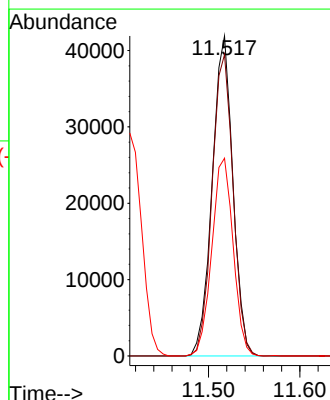
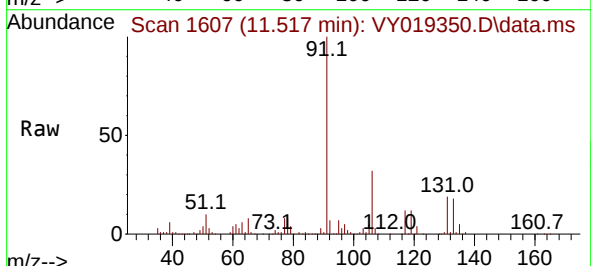
Tgt Ion:131 Resp: 65881

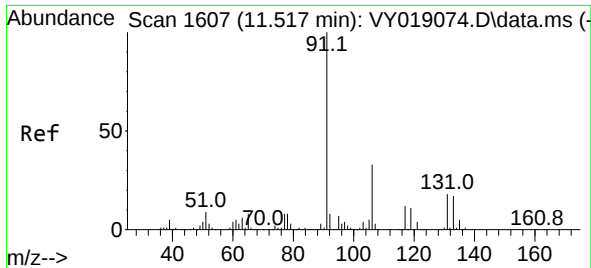
Ion Ratio Lower Upper

131 100

133 95.3 47.8 143.3

119 63.7 34.1 102.2





#67

Ethyl Benzene

Concen: 57.638 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

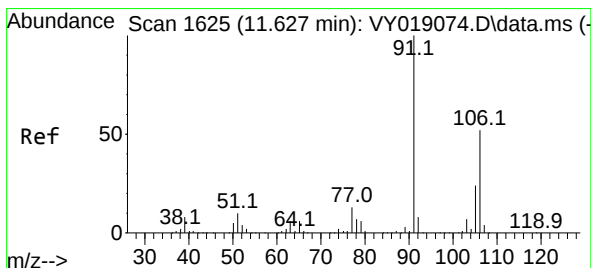
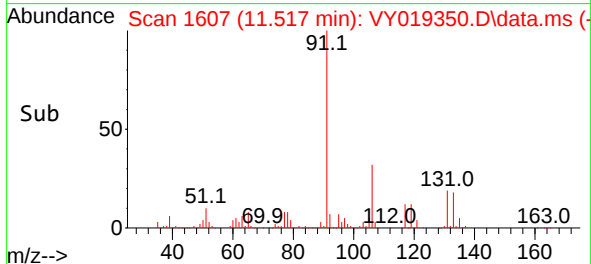
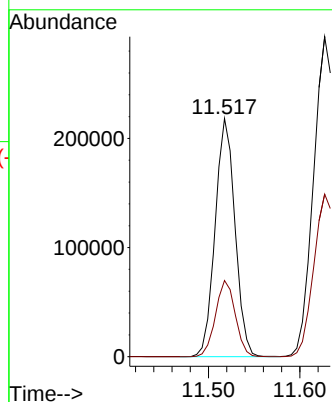
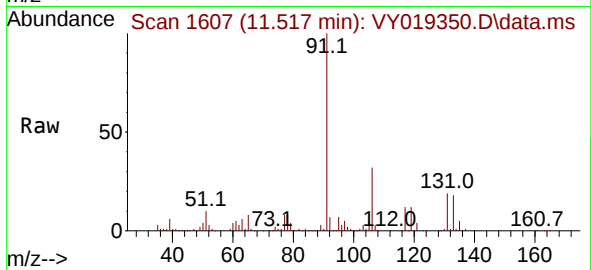
ClientSampleId :

Tgt Ion: 91 Resp: 329320

Ion Ratio Lower Upper

91 100

106 32.0 24.5 36.7



#68

m/p-Xylenes

Concen: 116.794 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019350.D

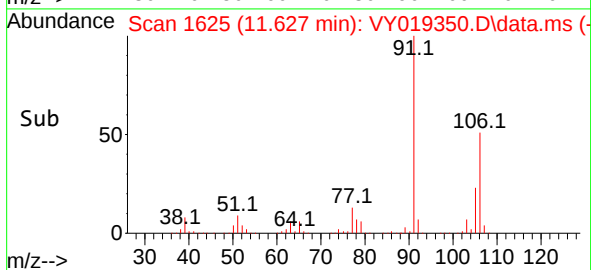
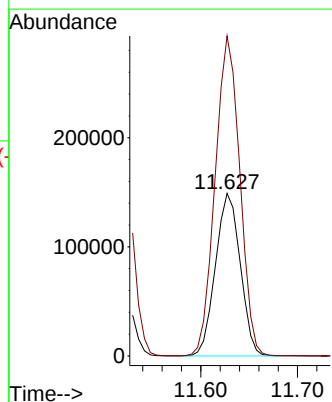
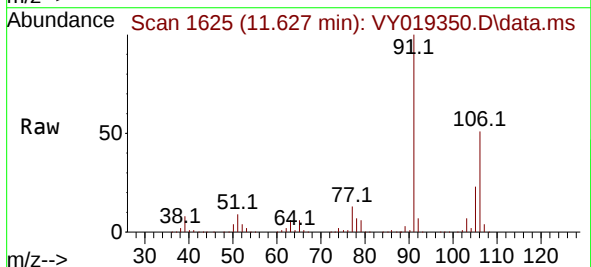
Acq: 29 Aug 2024 00:40

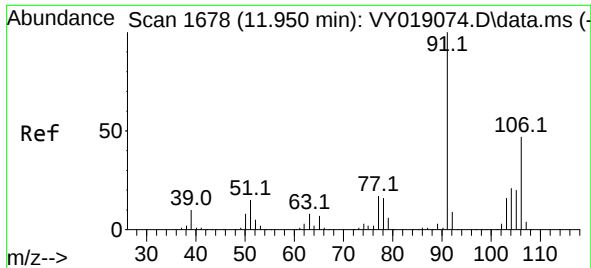
Tgt Ion:106 Resp: 264785

Ion Ratio Lower Upper

106 100

91 196.4 156.0 234.0

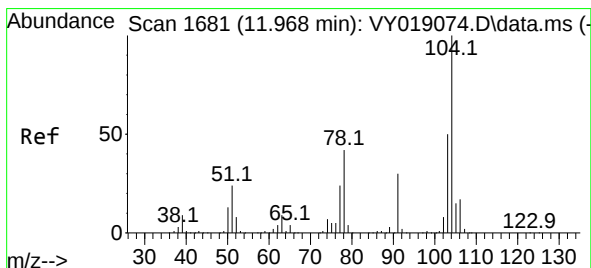
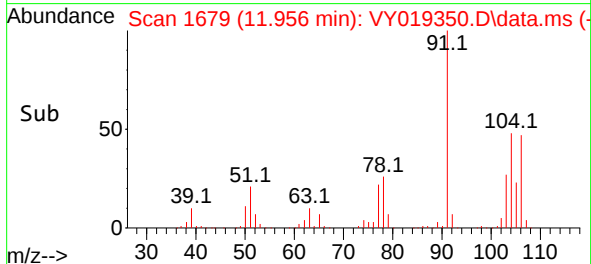
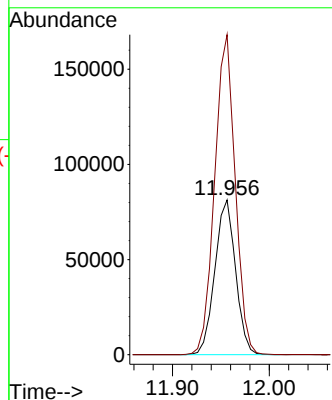
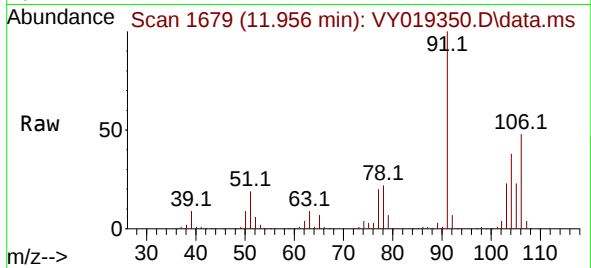




#69
o-Xylene
Concen: 57.596 ug/l
RT: 11.956 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

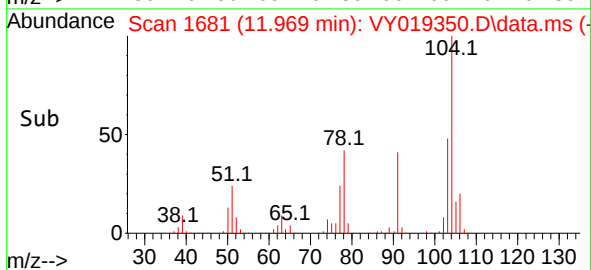
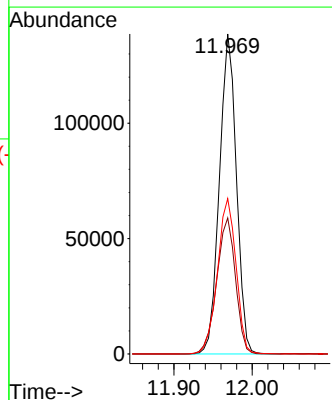
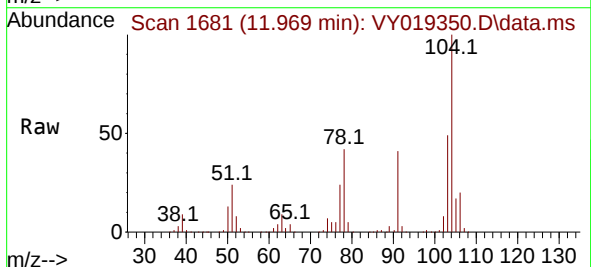
Instrument :
MSVOA_Y
ClientSampleId :

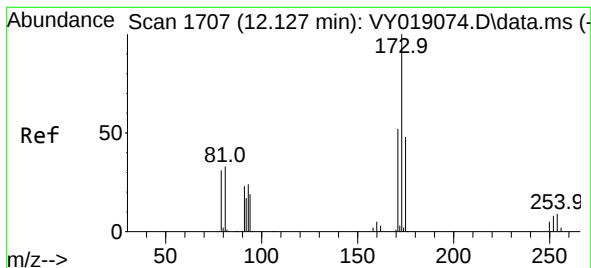
Tgt Ion:106 Resp: 120921
Ion Ratio Lower Upper
106 100
91 205.2 103.6 310.8



#70
Styrene
Concen: 58.507 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion:104 Resp: 209466
Ion Ratio Lower Upper
104 100
78 46.9 37.0 55.4
103 53.2 44.2 66.2





#71

Bromoform

Concen: 42.301 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

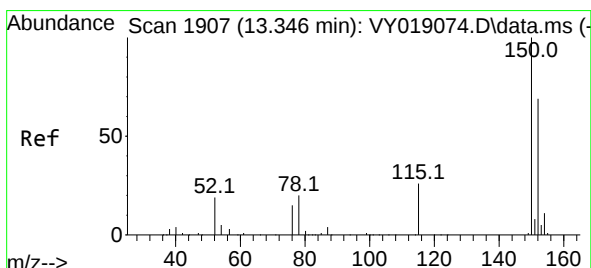
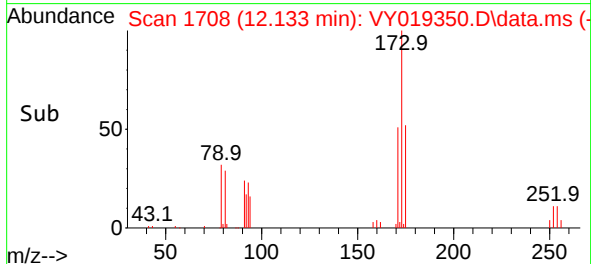
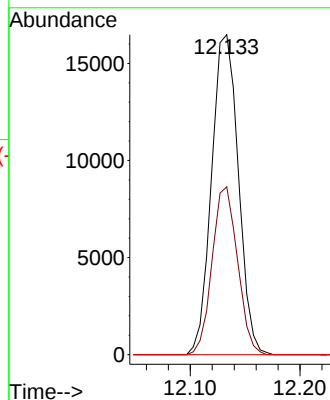
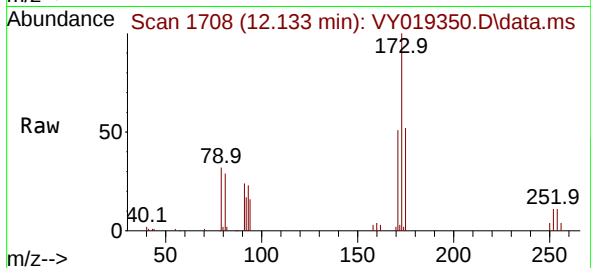
Tgt Ion:173 Resp: 27993

Ion Ratio Lower Upper

173 100

175 49.8 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: VY019350.D

Acq: 29 Aug 2024 00:40

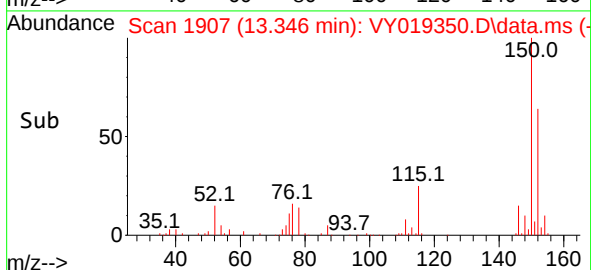
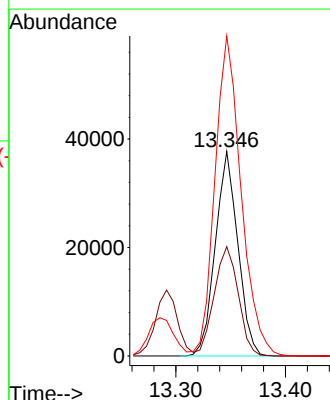
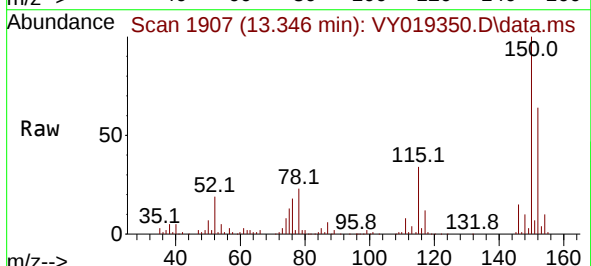
Tgt Ion:152 Resp: 53846

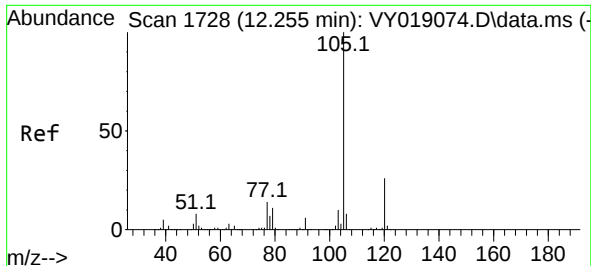
Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

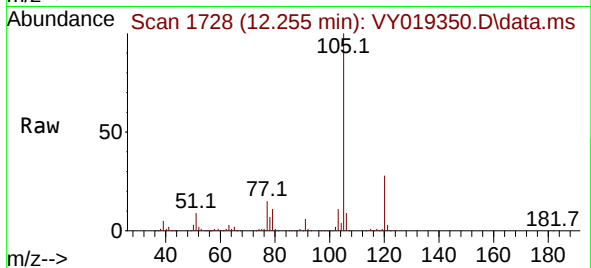
150 181.9 0.0 345.6



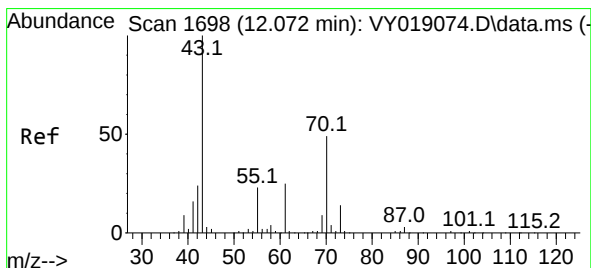
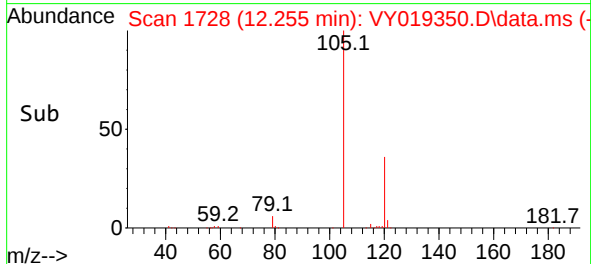
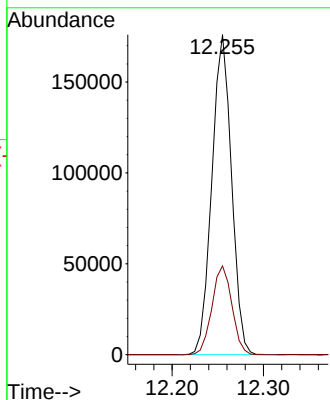


#73
Isopropylbenzene
Concen: 63.783 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

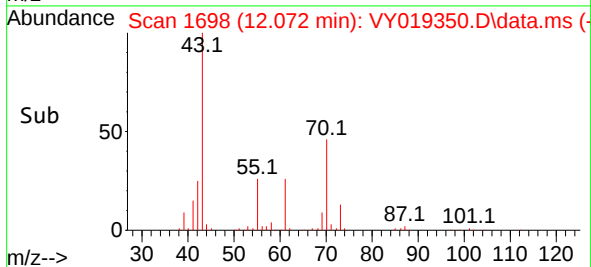
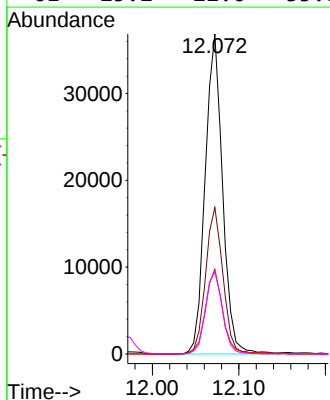
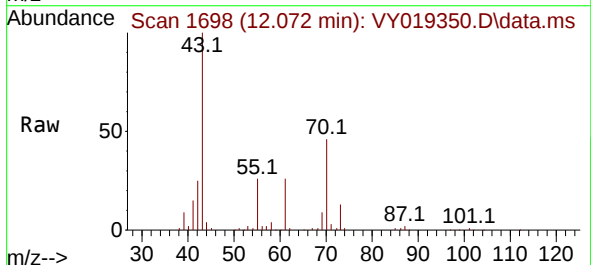


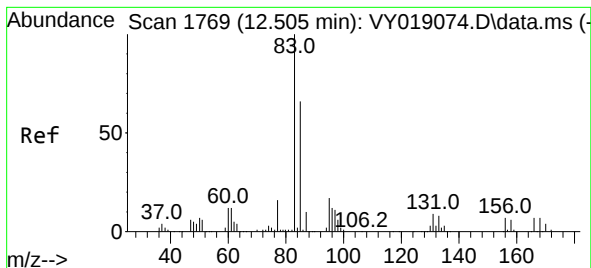
Tgt Ion:105 Resp: 263234
Ion Ratio Lower Upper
105 100
120 28.1 13.4 40.1



#74
N-ethyl acetate
Concen: 57.021 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 43 Resp: 51315
Ion Ratio Lower Upper
43 100
70 45.7 41.4 62.2
55 26.5 23.3 34.9
61 25.2 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 56.880 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

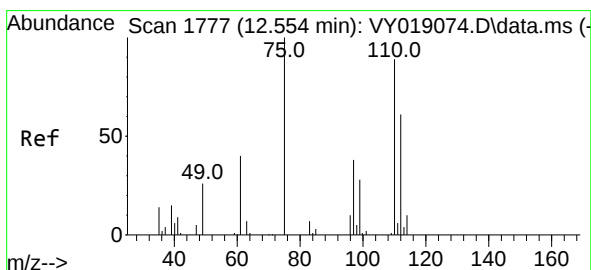
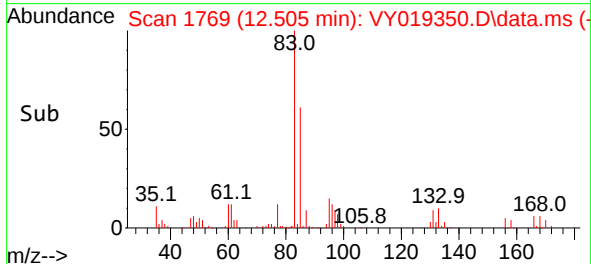
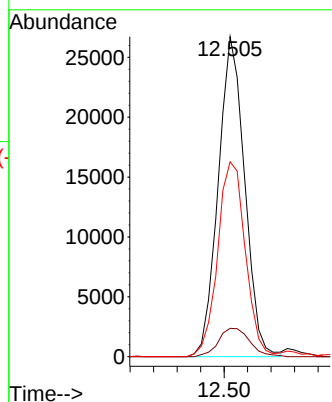
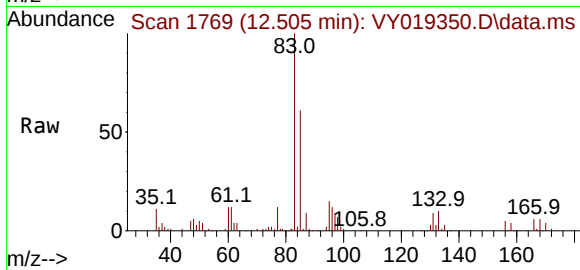
Tgt Ion: 83 Resp: 41792

Ion Ratio Lower Upper

83 100

131 10.5 5.0 14.9

85 63.6 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 94.394 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019350.D

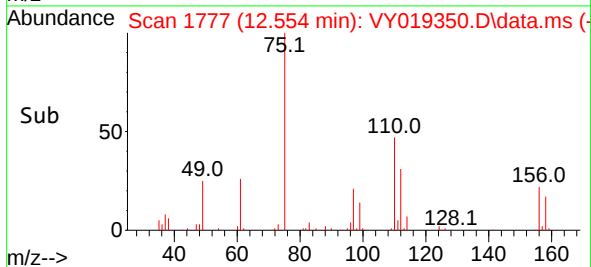
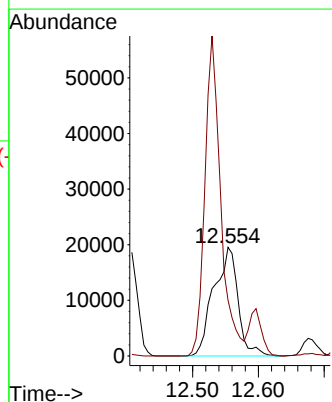
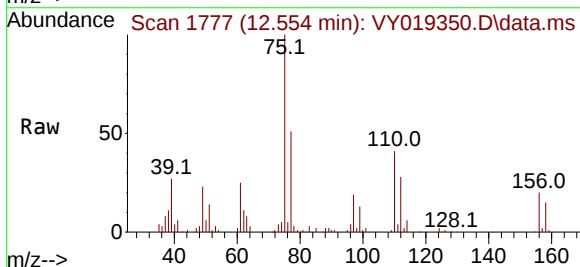
Acq: 29 Aug 2024 00:40

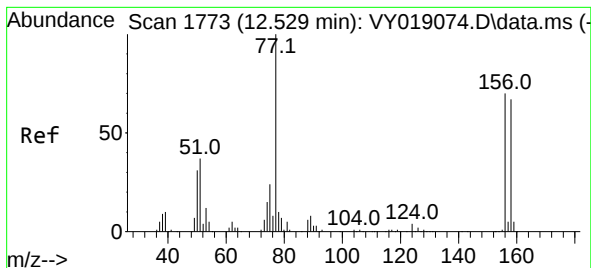
Tgt Ion: 75 Resp: 50125

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 60.157 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

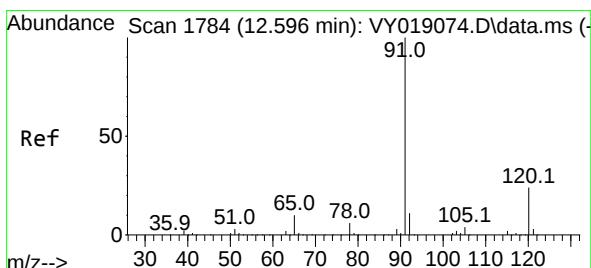
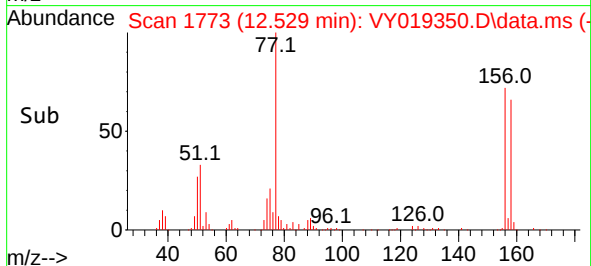
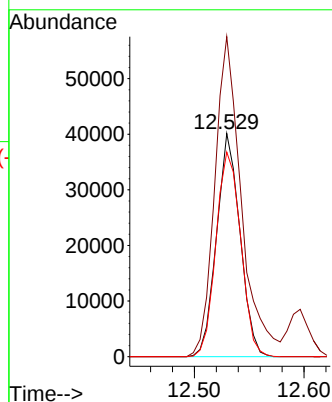
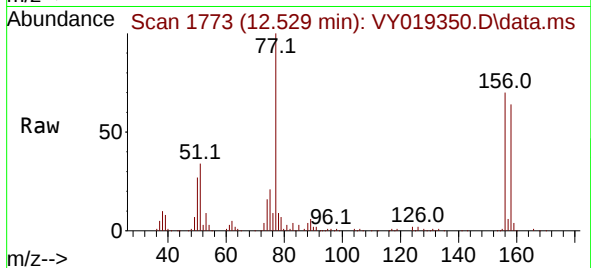
Tgt Ion:156 Resp: 59624

Ion Ratio Lower Upper

156 100

77 162.8 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 62.524 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019350.D

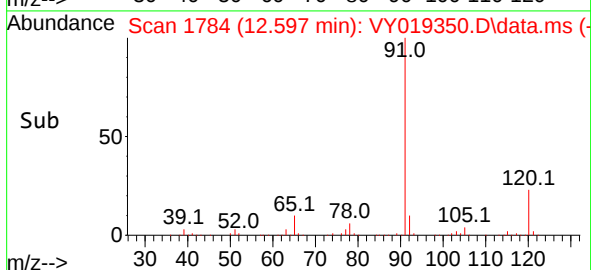
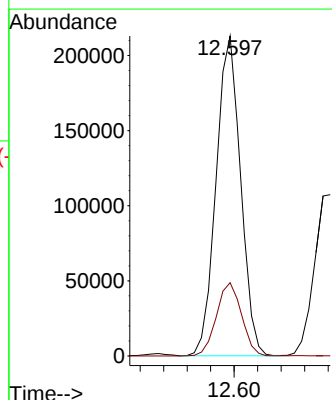
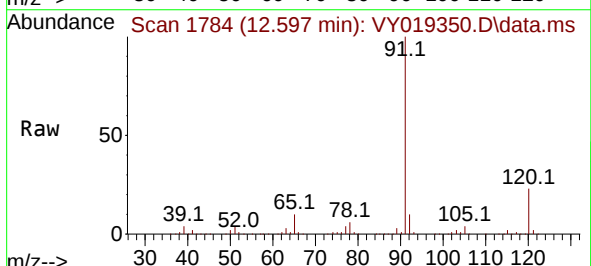
Acq: 29 Aug 2024 00:40

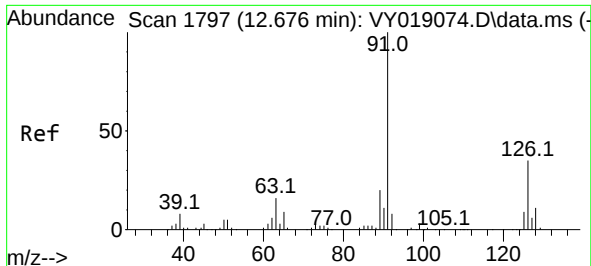
Tgt Ion: 91 Resp: 308469

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

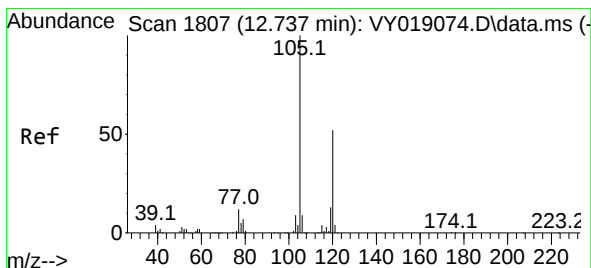
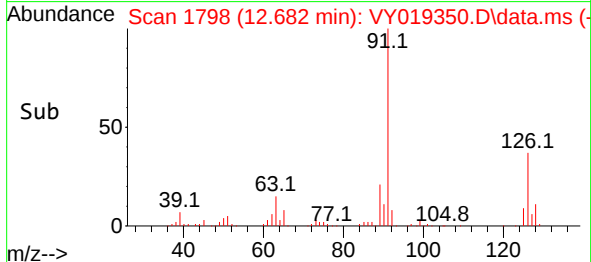
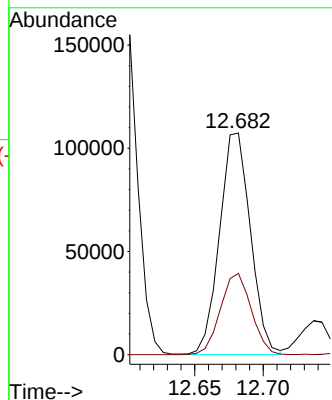
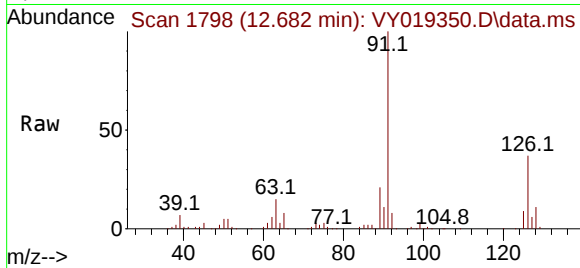




#79
2-Chlorotoluene
Concen: 61.085 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

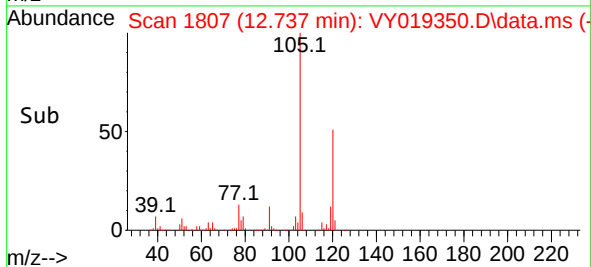
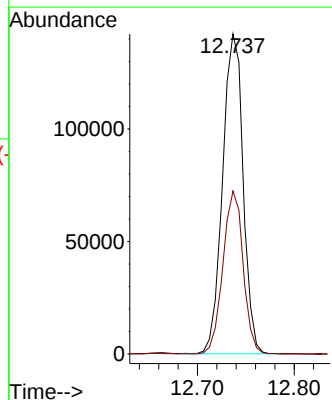
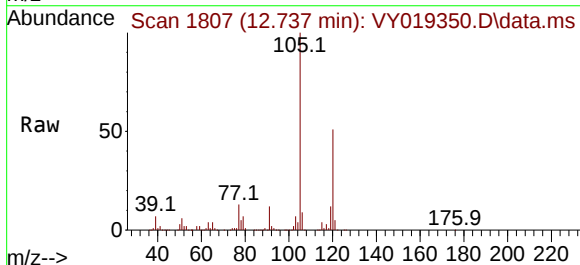
Instrument :
MSVOA_Y
ClientSampleId :

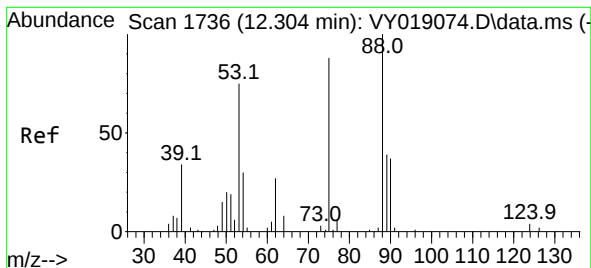
Tgt Ion: 91 Resp: 168959
Ion Ratio Lower Upper
91 100
126 36.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 62.233 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion:105 Resp: 209235
Ion Ratio Lower Upper
105 100
120 50.3 25.1 75.2

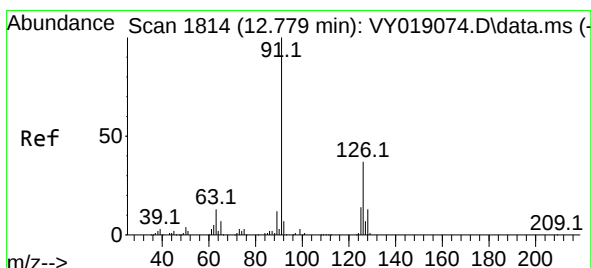
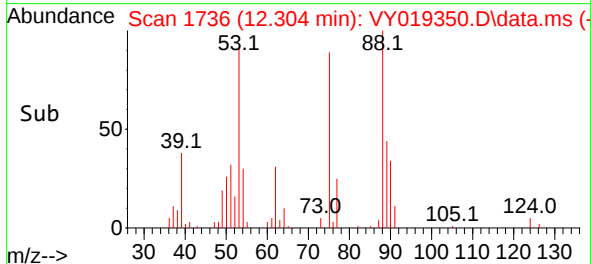
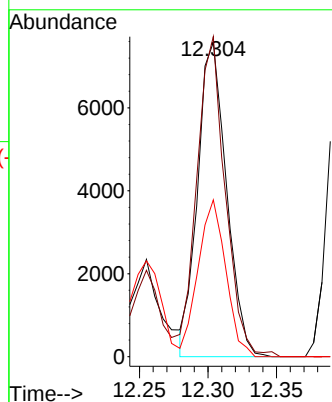
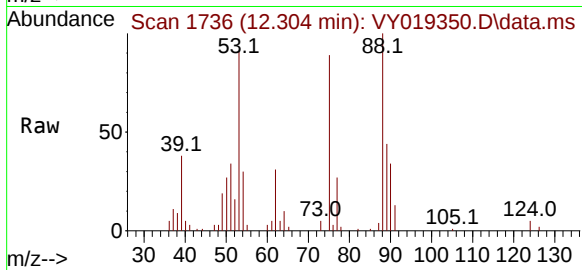




#81
trans-1,4-Dichloro-2-butene
Concen: 51.475 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

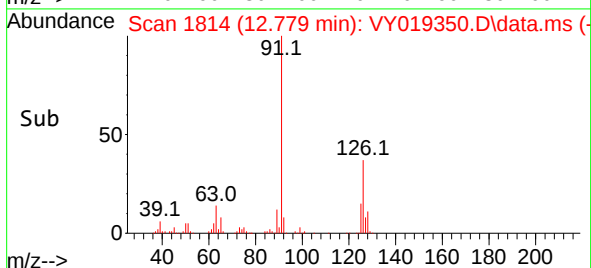
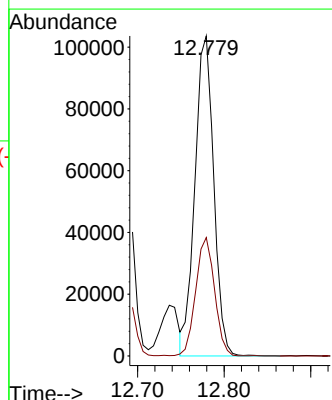
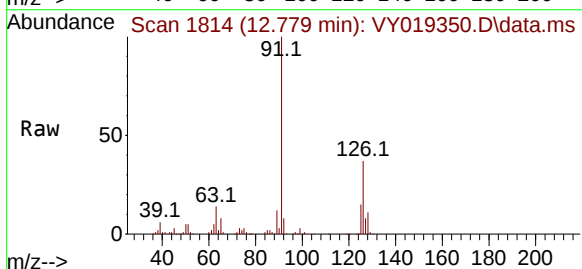
Instrument :
MSVOA_Y
ClientSampleId :

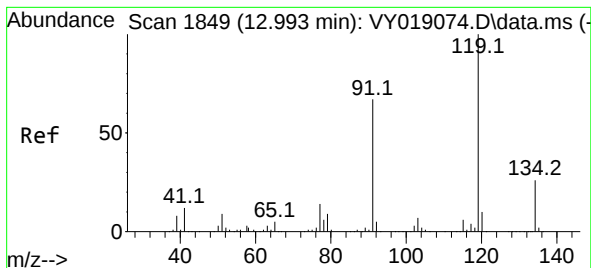
Tgt Ion: 75 Resp: 11068
Ion Ratio Lower Upper
75 100
53 101.1 66.8 100.2#
89 47.9 35.8 53.6



#82
4-Chlorotoluene
Concen: 54.354 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 91 Resp: 156413
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 55.254 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

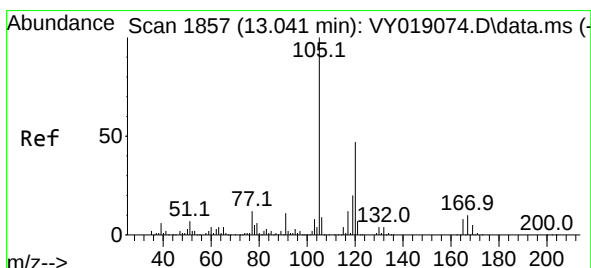
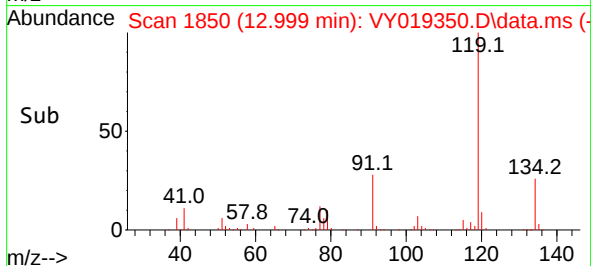
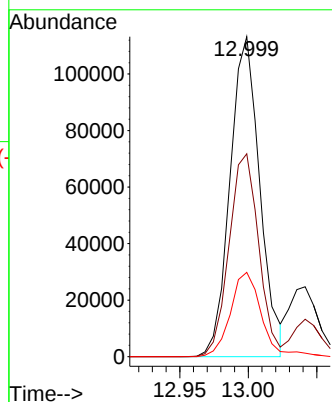
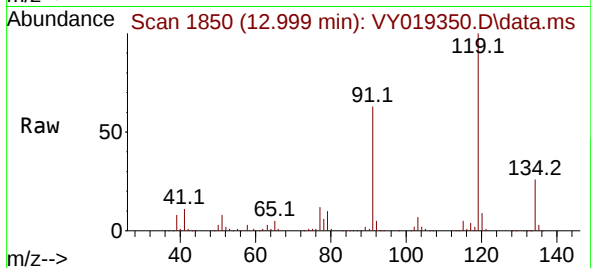
Tgt Ion:119 Resp: 171556

Ion Ratio Lower Upper

119 100

91 63.1 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 57.759 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019350.D

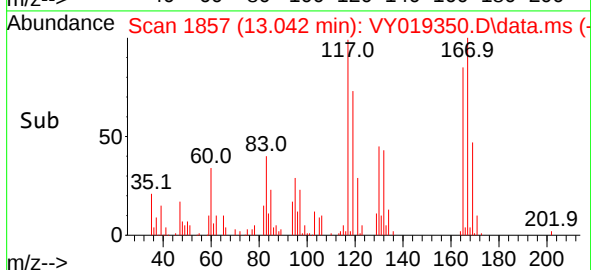
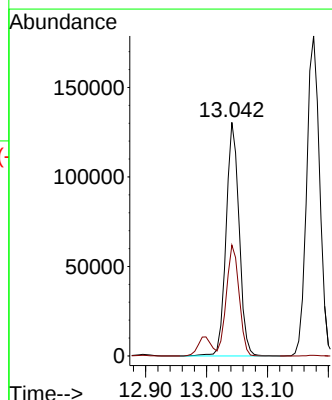
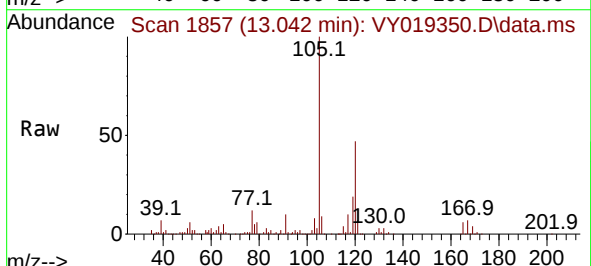
Acq: 29 Aug 2024 00:40

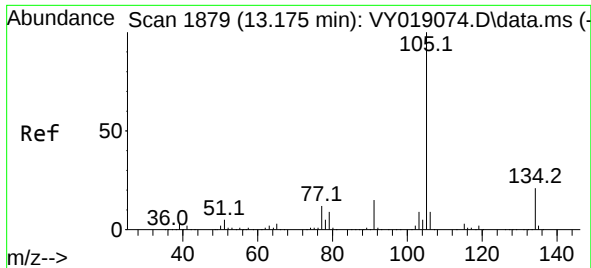
Tgt Ion:105 Resp: 193541

Ion Ratio Lower Upper

105 100

120 46.4 23.2 69.6

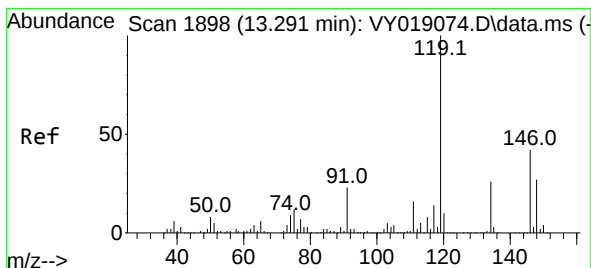
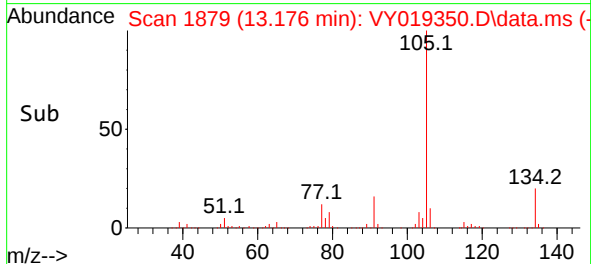
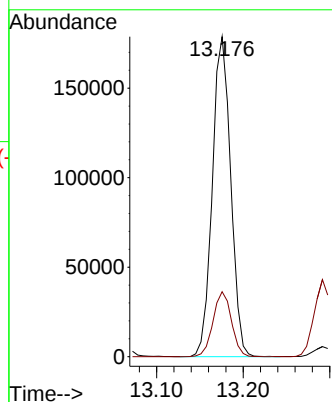
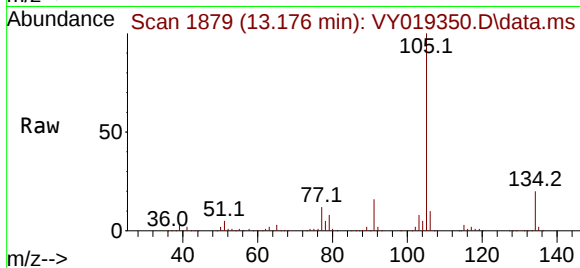




#85
 sec-Butylbenzene
 Concen: 58.186 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY019350.D
 Acq: 29 Aug 2024 00:40

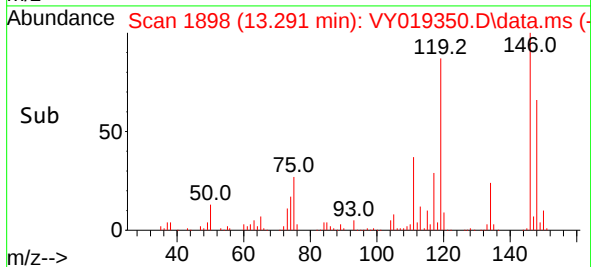
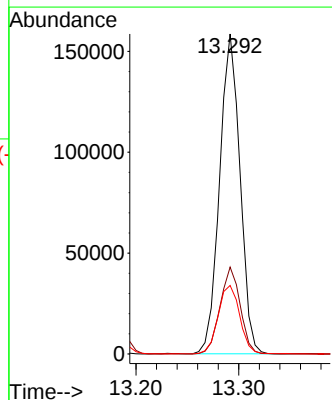
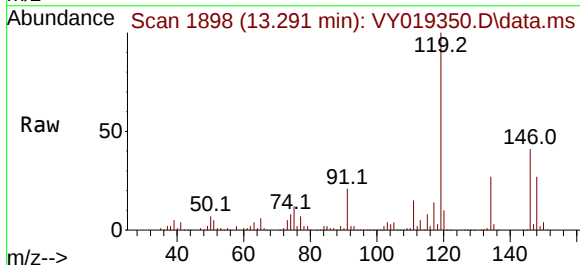
Instrument :
 MSVOA_Y
 ClientSampleId :

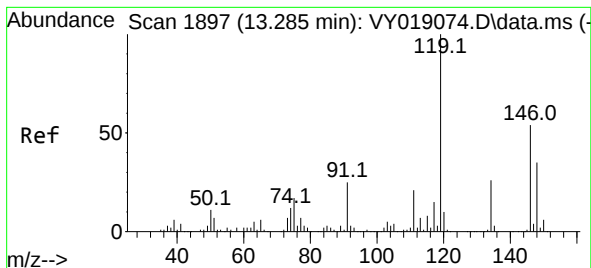
Tgt Ion:105 Resp: 263268
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 58.735 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019350.D
 Acq: 29 Aug 2024 00:40

Tgt Ion:119 Resp: 218285
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 22.7 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 56.656 ug/l

RT: 13.285 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

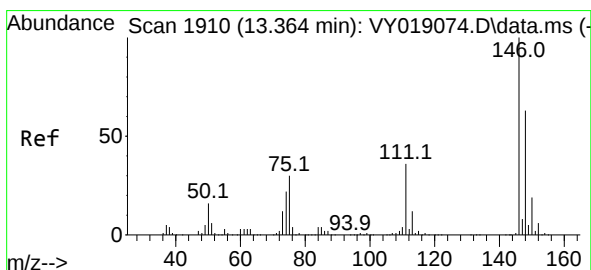
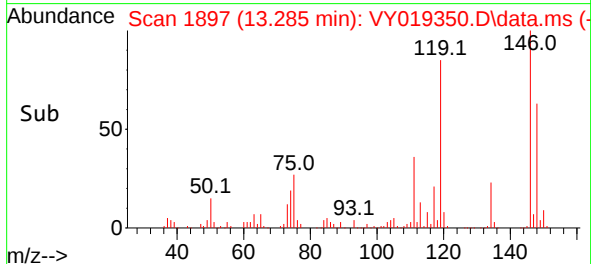
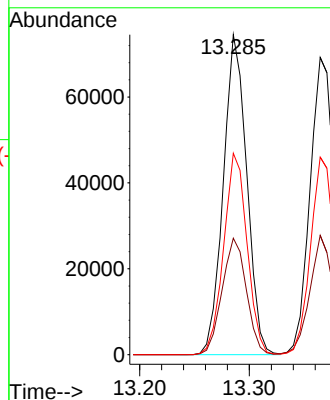
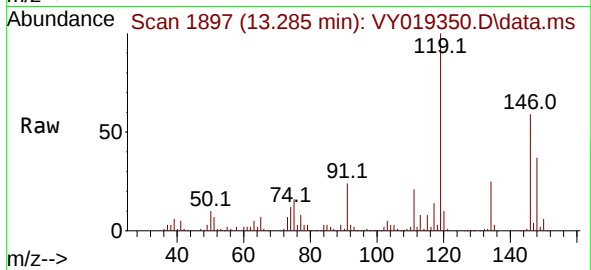
Tgt Ion:146 Resp: 110743

Ion Ratio Lower Upper

146 100

111 37.6 19.0 57.0

148 62.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 55.309 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

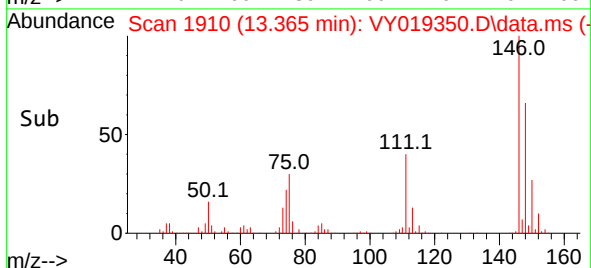
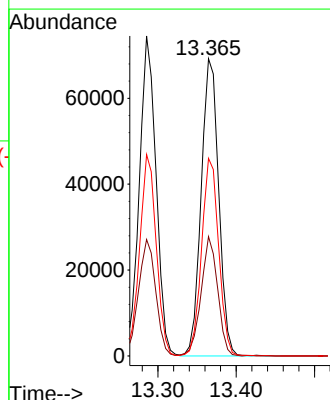
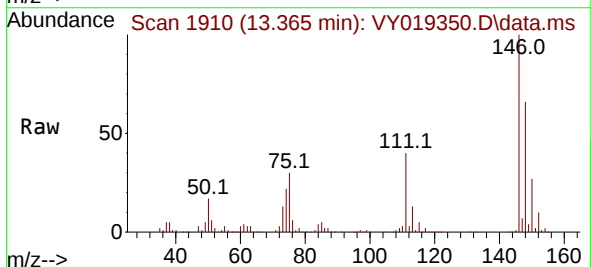
Tgt Ion:146 Resp: 107466

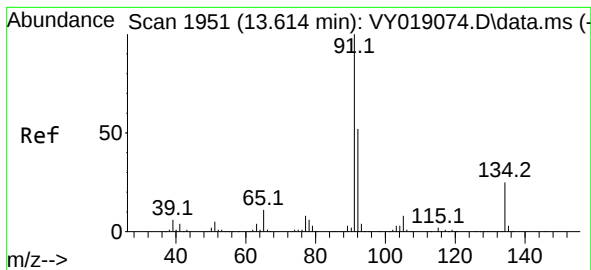
Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.4

148 64.9 32.4 97.2





#89

n-Butylbenzene

Concen: 61.550 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

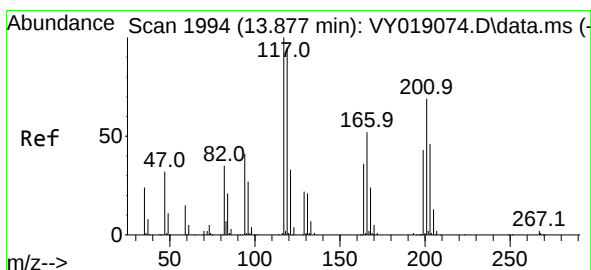
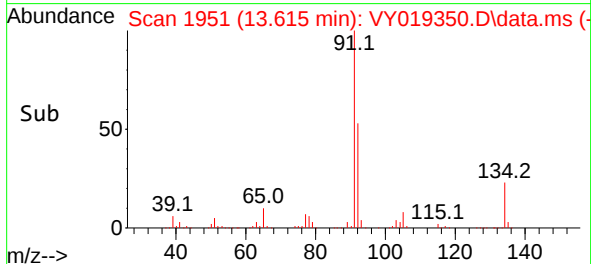
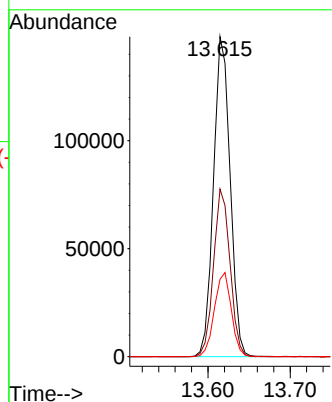
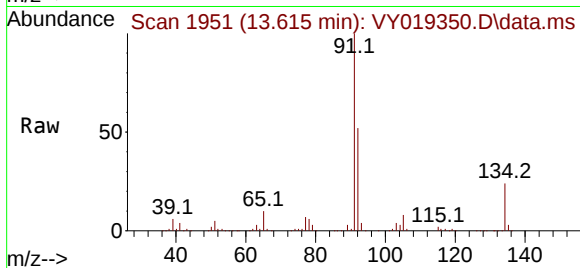
Tgt Ion: 91 Resp: 208551

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 26.7 12.9 38.7



#90

Hexachloroethane

Concen: 78.074 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019350.D

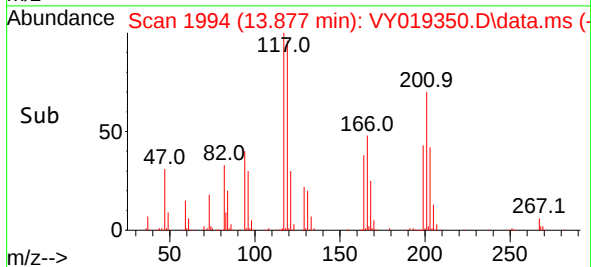
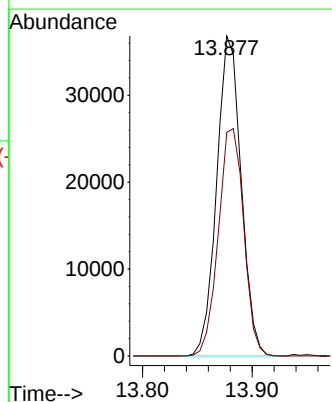
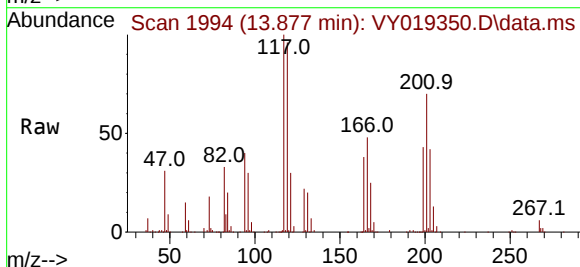
Acq: 29 Aug 2024 00:40

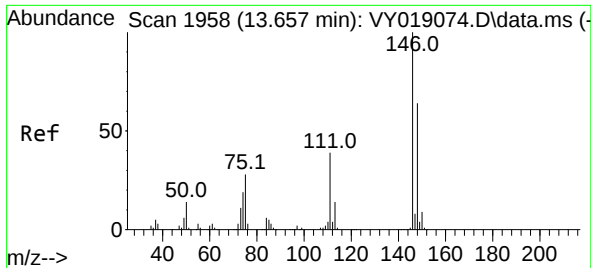
Tgt Ion: 117 Resp: 57191

Ion Ratio Lower Upper

117 100

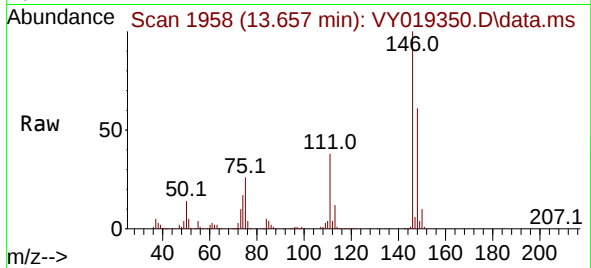
201 73.6 37.4 112.2



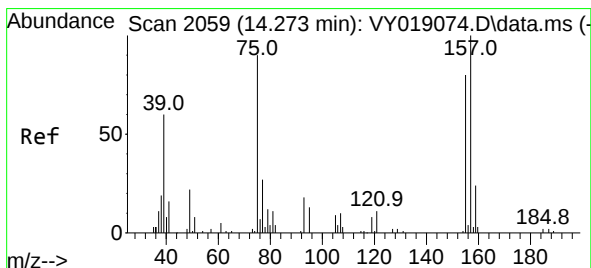
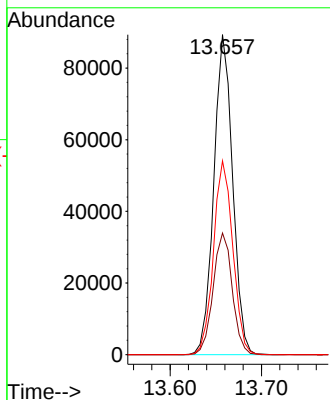
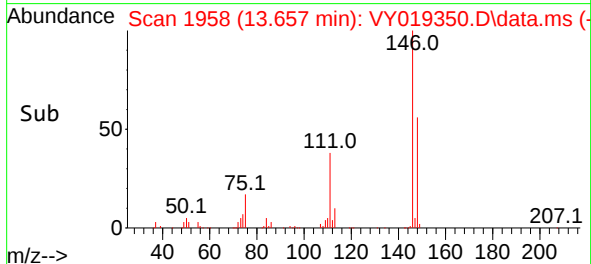


#91
1,2-Dichlorobenzene
Concen: 74.417 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Instrument :
MSVOA_Y
ClientSampleId :

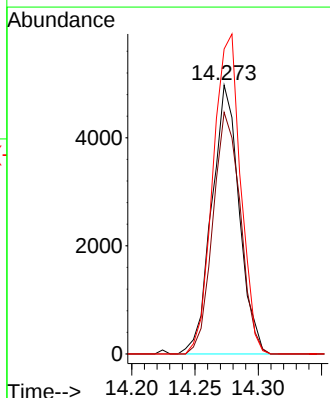
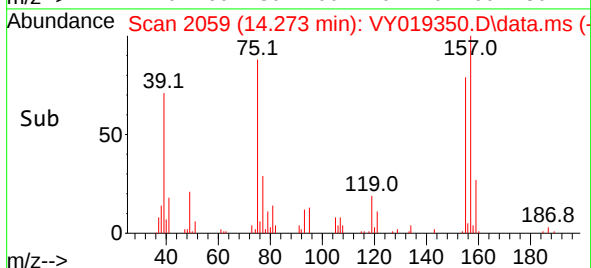
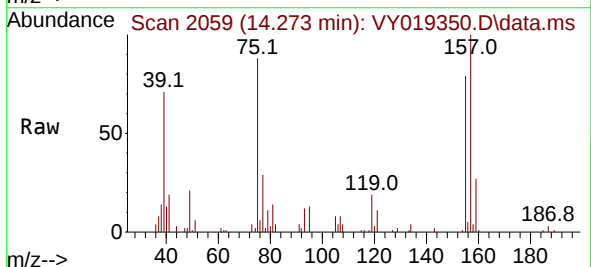


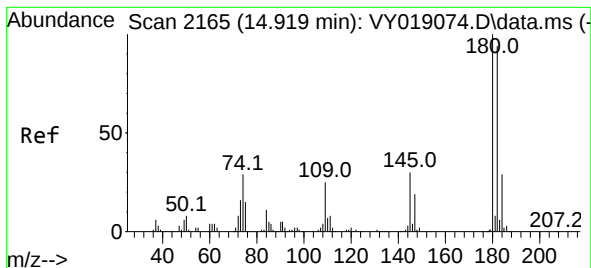
Tgt Ion:146 Resp: 127933
Ion Ratio Lower Upper
146 100
111 38.6 19.9 59.7
148 62.2 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 69.583 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019350.D
Acq: 29 Aug 2024 00:40

Tgt Ion: 75 Resp: 7521
Ion Ratio Lower Upper
75 100
155 89.6 48.6 145.8
157 119.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 70.350 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

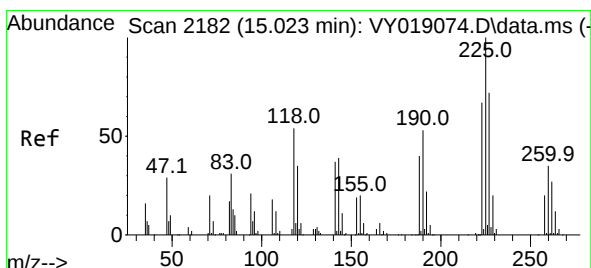
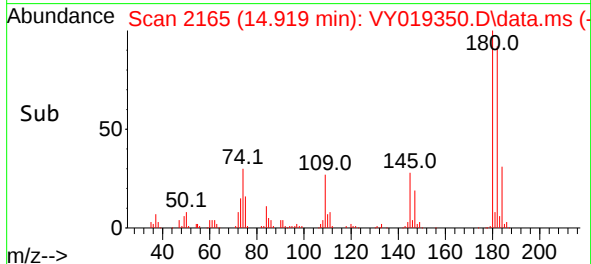
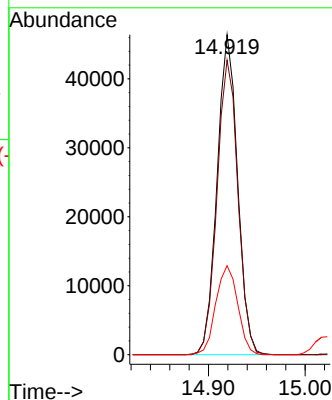
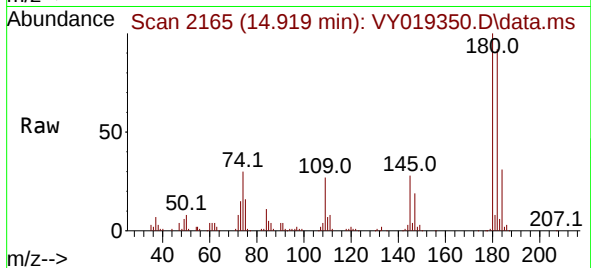
Tgt Ion:180 Resp: 68203

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 29.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 76.986 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

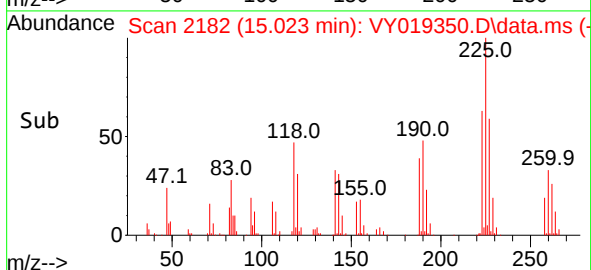
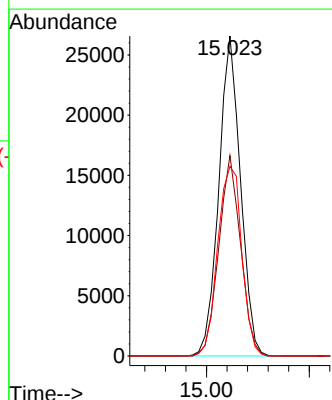
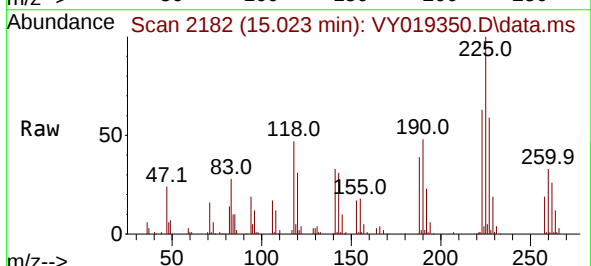
Tgt Ion:225 Resp: 38876

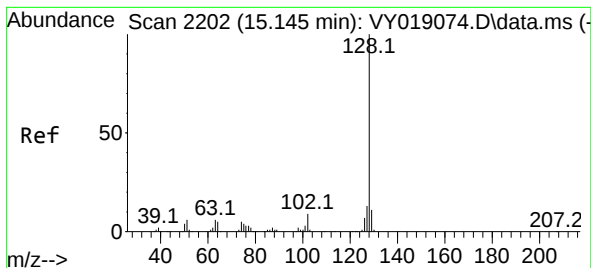
Ion Ratio Lower Upper

225 100

223 62.9 30.4 91.2

227 65.6 31.9 95.9





#95

Naphthalene

Concen: 69.683 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Instrument :

MSVOA_Y

ClientSampleId :

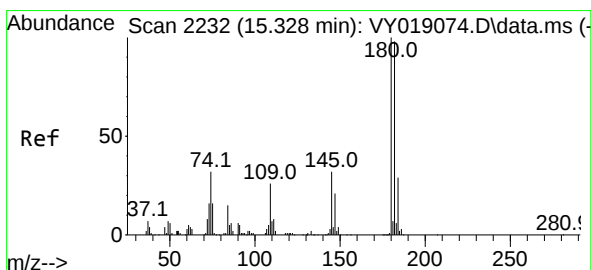
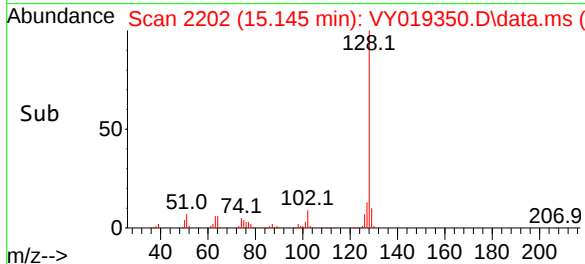
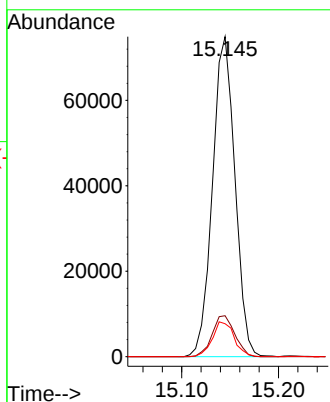
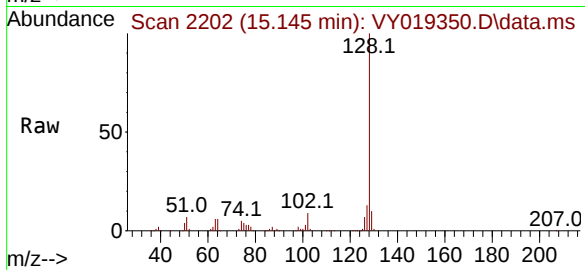
Tgt Ion:128 Resp: 120568

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 71.924 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019350.D

Acq: 29 Aug 2024 00:40

Tgt Ion:180 Resp: 58811

Ion Ratio Lower Upper

180 100

182 94.6 47.6 142.9

145 31.2 15.4 46.1

