

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081324\
 Data File : VY019020.D
 Acq On : 13 Aug 2024 11:19
 Operator : SY/MD
 Sample : VY0813SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 14 01:33:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	51699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	77409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	67855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	35380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	22941	50.541	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.080%
35) Dibromofluoromethane	7.622	113	26250	53.095	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.180%
50) Toluene-d8	10.103	98	100447	52.894	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.780%
62) 4-Bromofluorobenzene	12.408	95	28194	50.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.080%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	7130	20.064	ug/l	98
3) Chloromethane	2.068	50	16754	17.899	ug/l	95
4) Vinyl Chloride	2.202	62	23728	19.925	ug/l	98
5) Bromomethane	2.580	94	21823	22.968	ug/l	98
6) Chloroethane	2.726	64	16279	20.328	ug/l	97
7) Trichlorofluoromethane	3.043	101	33932	21.379	ug/l	96
8) Diethyl Ether	3.446	74	4725	19.312	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.812	101	10328	20.829	ug/l #	91
10) Methyl Iodide	3.994	142	9343	17.450	ug/l	98
11) Tert butyl alcohol	4.842	59	3293	40.442	ug/l #	93
12) 1,1-Dichloroethene	3.787	96	9524	20.331	ug/l	94
13) Acrolein	3.641	56	3990	81.088	ug/l	93
14) Allyl chloride	4.379	41	11854	18.921	ug/l #	84
15) Acrylonitrile	5.049	53	9629	100.392	ug/l	93
16) Acetone	3.866	43	8504	82.370	ug/l #	76
17) Carbon Disulfide	4.098	76	25509	18.318	ug/l	100
18) Methyl Acetate	4.360	43	5057	20.045	ug/l #	89
19) Methyl tert-butyl Ether	5.104	73	21360	18.538	ug/l	96
20) Methylene Chloride	4.598	84	10634	16.094	ug/l	92
21) trans-1,2-Dichloroethene	5.098	96	10333	19.936	ug/l	87
22) Diisopropyl ether	6.006	45	25694	18.813	ug/l #	82
23) Vinyl Acetate	5.945	43	111765	94.820	ug/l	97
24) 1,1-Dichloroethane	5.897	63	16650	19.872	ug/l	96
25) 2-Butanone	6.878	43	13229	90.013	ug/l	97
26) 2,2-Dichloropropane	6.866	77	14360	18.209	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	11743	18.936	ug/l	99
28) Bromochloromethane	7.232	49	8260	21.413	ug/l	89
29) Tetrahydrofuran	7.250	42	7954	91.784	ug/l	91
30) Chloroform	7.402	83	18225	20.334	ug/l	95
31) Cyclohexane	7.695	56	14257	17.639	ug/l	85
32) 1,1,1-Trichloroethane	7.604	97	16740	20.662	ug/l	95
36) 1,1-Dichloropropene	7.823	75	13014	19.609	ug/l	96
37) Ethyl Acetate	6.976	43	6574	21.672	ug/l #	88
38) Carbon Tetrachloride	7.805	117	15643	20.557	ug/l	100
39) Methylcyclohexane	9.103	83	16688	18.681	ug/l	96
40) Benzene	8.073	78	41382	20.972	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	8262	61.175	ug/l #	32
42) 1,2-Dichloroethane	8.146	62	9460	19.258	ug/l	100
43) Isopropyl Acetate	8.195	43	11848	19.205	ug/l #	80
44) Trichloroethene	8.859	130	10936	19.443	ug/l	93
45) 1,2-Dichloropropane	9.134	63	8508	19.269	ug/l	99
46) Dibromomethane	9.231	93	6151	21.561	ug/l	95
47) Bromodichloromethane	9.420	83	13794	20.662	ug/l	98
48) Methyl methacrylate	9.213	41	4852	18.004	ug/l #	68
49) 1,4-Dioxane	9.219	88	1607	476.780	ug/l #	72
51) 4-Methyl-2-Pentanone	9.993	43	29957	94.157	ug/l #	85
52) Toluene	10.170	92	25945	19.794	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	10911	18.327	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	13625	19.266	ug/l #	77
55) 1,1,2-Trichloroethane	10.573	97	7534	21.504	ug/l	96
56) Ethyl methacrylate	10.438	69	8210	17.307	ug/l #	67
57) 1,3-Dichloropropane	10.713	76	11979	20.766	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	22204	90.793	ug/l	96
59) 2-Hexanone	10.762	43	21311	93.376	ug/l	83
60) Dibromochloromethane	10.908	129	9360	19.927	ug/l	95
61) 1,2-Dibromoethane	11.011	107	6714	19.847	ug/l	95
64) Tetrachloroethene	10.646	164	12082	21.241	ug/l	95
65) Chlorobenzene	11.444	112	30090	20.197	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.511	131	9934	19.063	ug/l	98
67) Ethyl Benzene	11.517	91	48306	18.728	ug/l	95
68) m/p-Xylenes	11.633	106	39700	37.534	ug/l	94
69) o-Xylene	11.956	106	18400	18.849	ug/l	95
70) Styrene	11.969	104	30721	19.106	ug/l	99
71) Bromoform	12.133	173	5519	20.366	ug/l #	99
73) Isopropylbenzene	12.255	105	48080	18.722	ug/l	98
74) N-amyl acetate	12.072	43	10438	17.613	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	8126	19.607	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	9644	36.589	ug/l #	100
77) Bromobenzene	12.530	156	11845	19.799	ug/l	84
78) n-propylbenzene	12.597	91	56721	18.661	ug/l	95
79) 2-Chlorotoluene	12.682	91	30340	19.280	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	37596	18.681	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	2077	16.238	ug/l #	79
82) 4-Chlorotoluene	12.779	91	30821	19.130	ug/l	93
83) tert-Butylbenzene	12.999	119	35915	18.893	ug/l	96
84) 1,2,4-Trimethylbenzene	13.048	105	36817	18.033	ug/l	94
85) sec-Butylbenzene	13.176	105	51007	18.524	ug/l	94
86) p-Isopropyltoluene	13.292	119	43702	18.329	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	23730	19.418	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	22684	19.033	ug/l	98
89) n-Butylbenzene	13.621	91	37779	18.052	ug/l	98
90) Hexachloroethane	13.883	117	8648	19.222	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	19894	19.799	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	930	16.313	ug/l	76
93) 1,2,4-Trichlorobenzene	14.925	180	11501	20.787	ug/l	97
94) Hexachlorobutadiene	15.029	225	6324	20.842	ug/l	96
95) Naphthalene	15.145	128	16998	17.258	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	9836	20.712	ug/l	96

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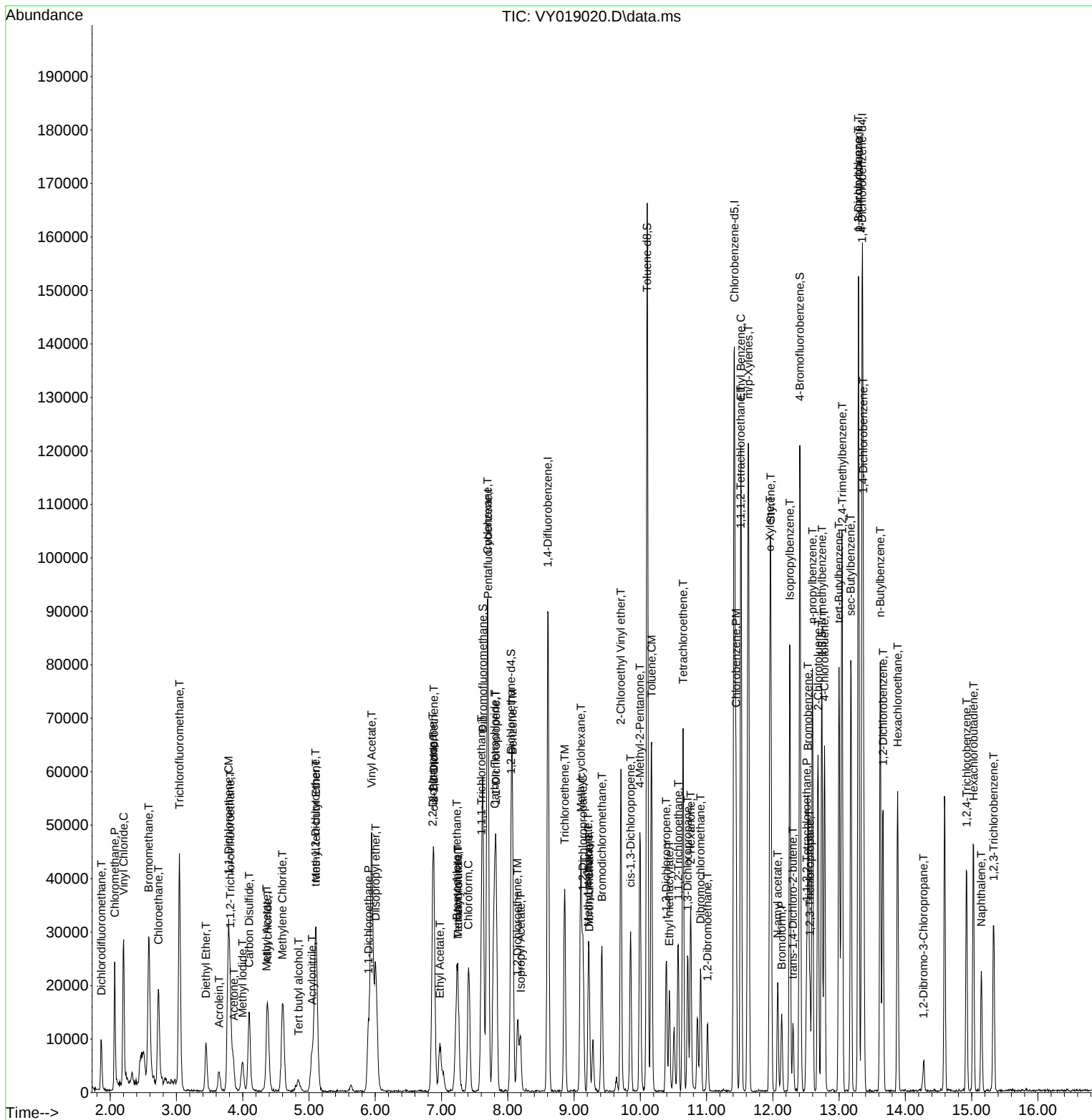
Instrument :
MSVOA_Y
ClientSampleId :

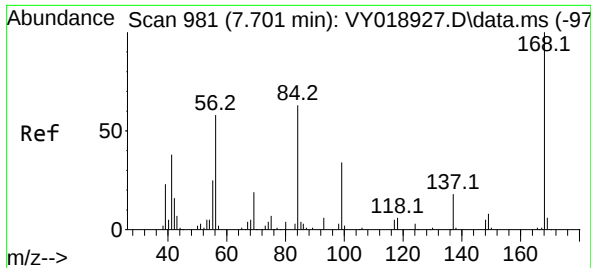
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Quant Title : SW846 8260
QLast Update : Fri Aug 09 04:24:33 2024
Response via : Initial Calibration

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

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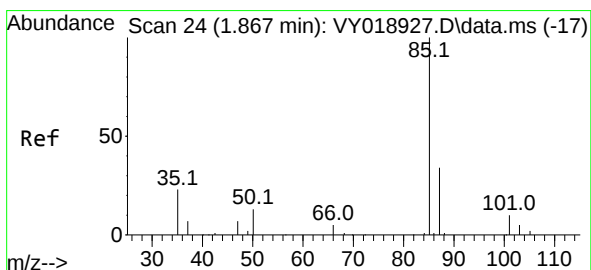
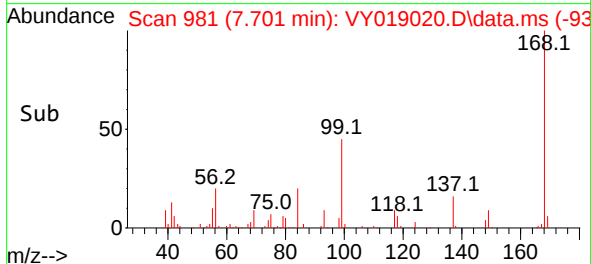
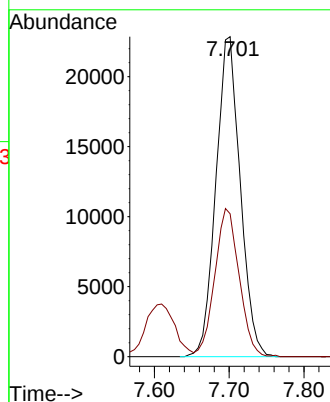
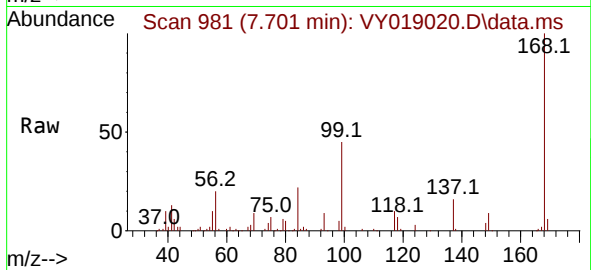




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019020.D
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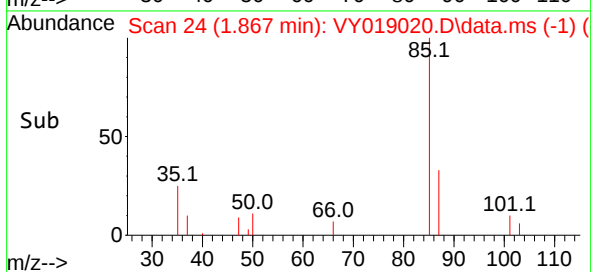
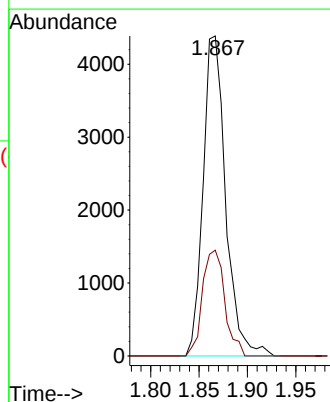
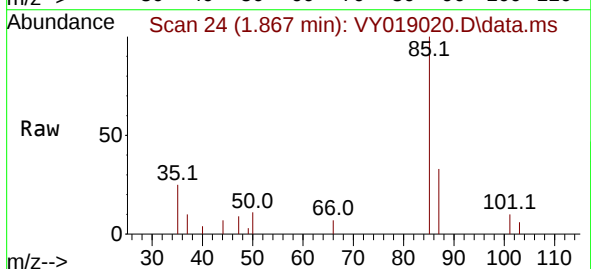
Instrument :
MSVOA_Y
ClientSampleId :

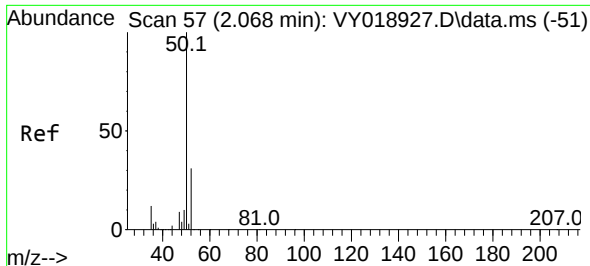
Tgt Ion:168 Resp: 51699
Ion Ratio Lower Upper
168 100
99 44.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 20.064 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 85 Resp: 7130
Ion Ratio Lower Upper
85 100
87 33.0 16.0 48.0

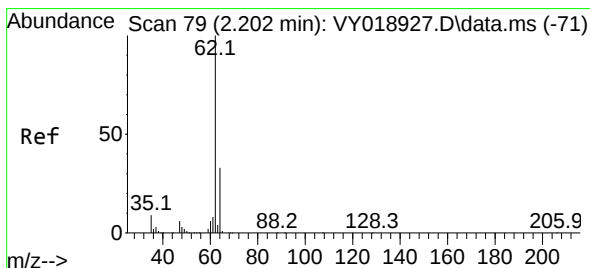
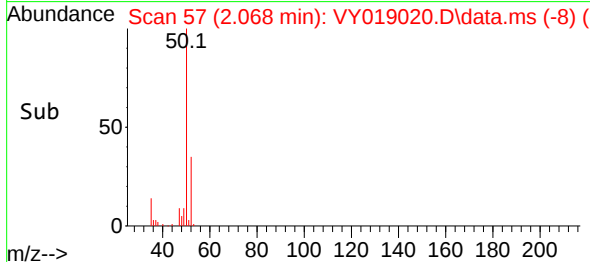
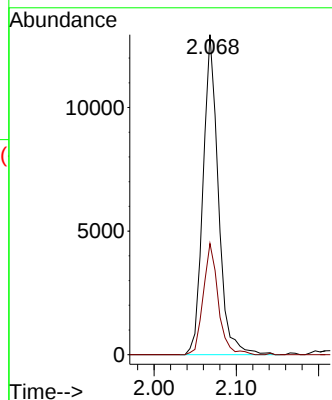
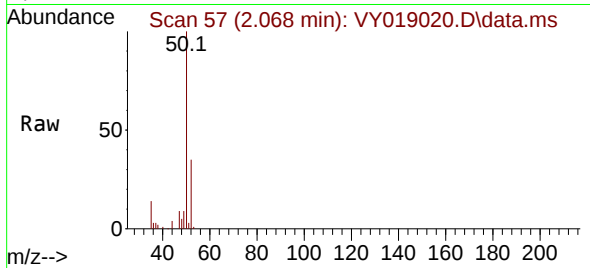




#3
Chloromethane
Concen: 17.899 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

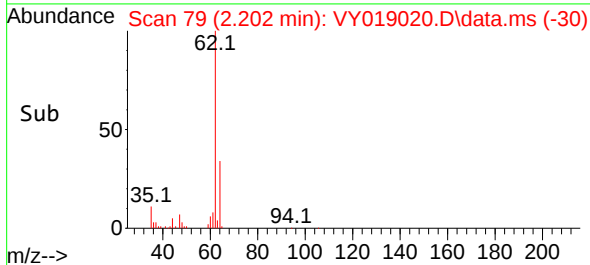
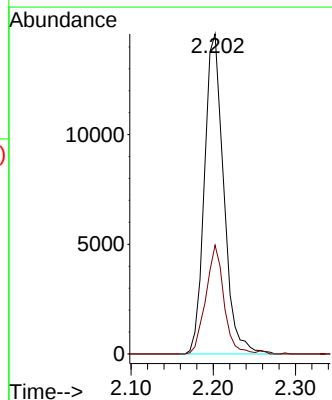
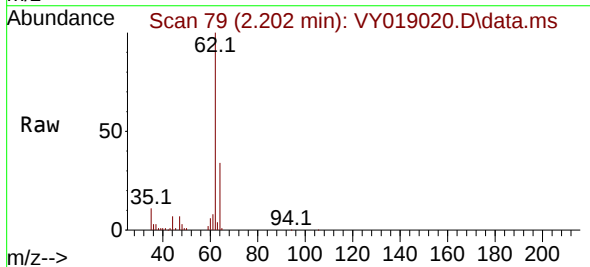
Instrument :
MSVOA_Y
ClientSampleId :

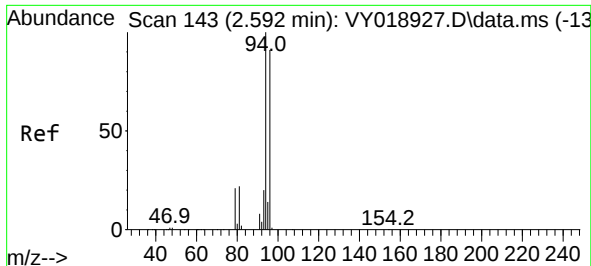
Tgt Ion: 50 Resp: 16754
Ion Ratio Lower Upper
50 100
52 34.7 25.6 38.4



#4
Vinyl Chloride
Concen: 19.925 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 62 Resp: 23728
Ion Ratio Lower Upper
62 100
64 34.0 26.1 39.1

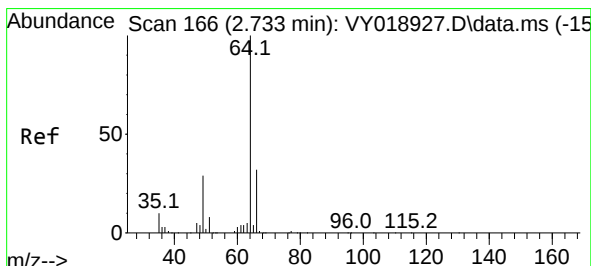
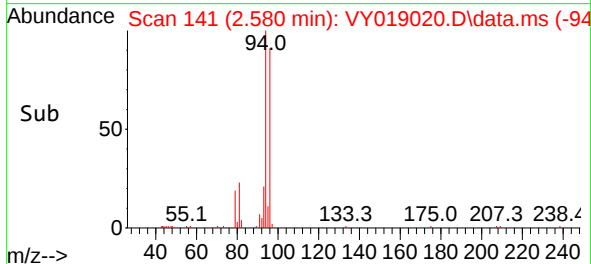
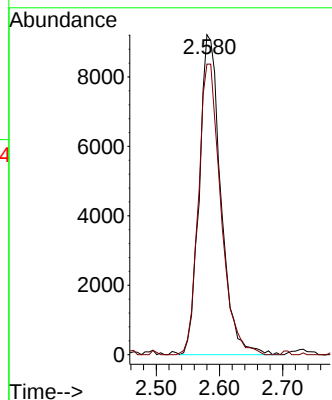
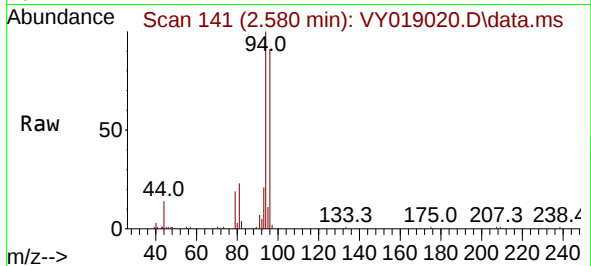




#5
Bromomethane
Concen: 22.968 ug/l
RT: 2.580 min Scan# 141
Delta R.T. -0.012 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

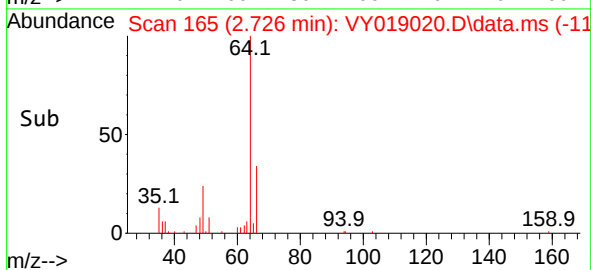
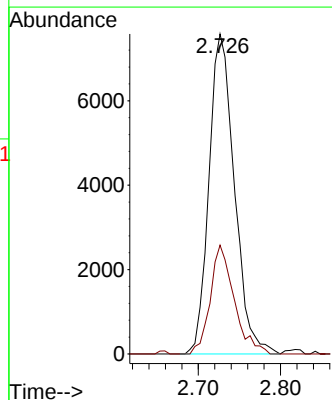
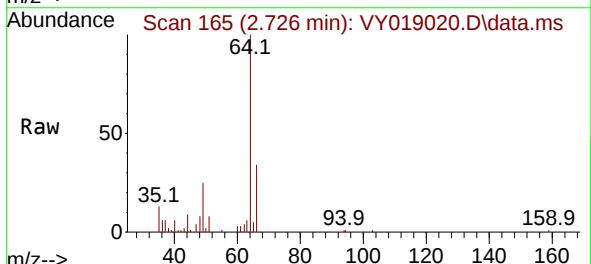
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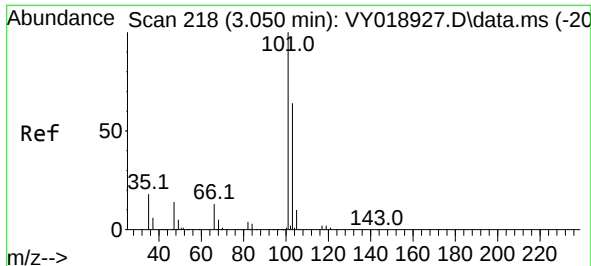
Tgt Ion: 94 Resp: 21823
Ion Ratio Lower Upper
94 100
96 90.8 74.1 111.1



#6
Chloroethane
Concen: 20.328 ug/l
RT: 2.726 min Scan# 165
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

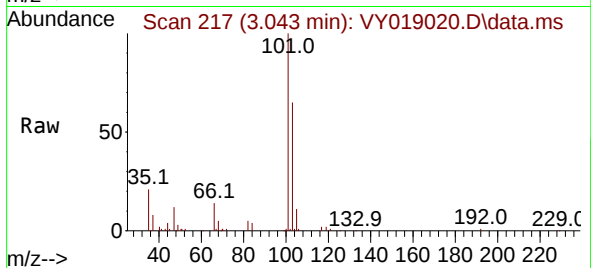
Tgt Ion: 64 Resp: 16279
Ion Ratio Lower Upper
64 100
66 34.0 26.1 39.1



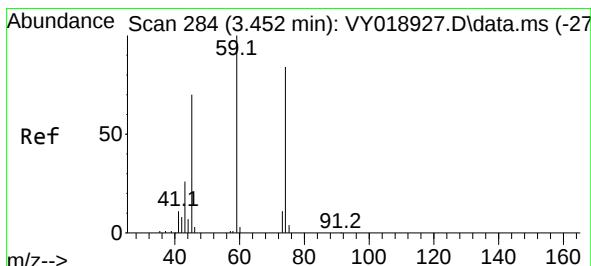
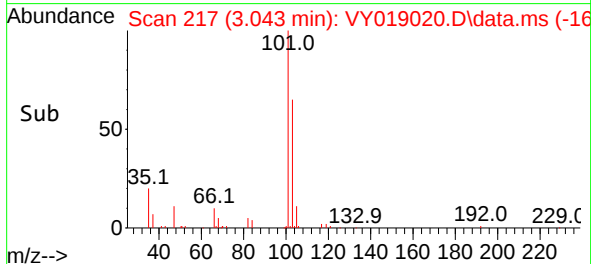
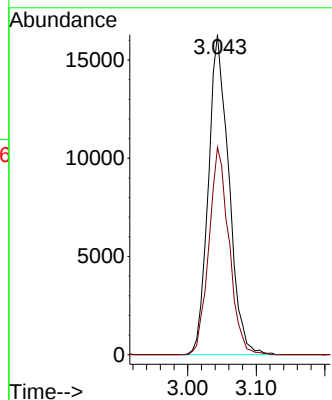


#7
 Trichlorofluoromethane
 Concen: 21.379 ug/l
 RT: 3.043 min Scan# 218
 Delta R.T. -0.006 min
 Lab File: VY019020.D
 Acq: 13 Aug 2024 11:19

Instrument :
 MSVOA_Y
 ClientSampleId :

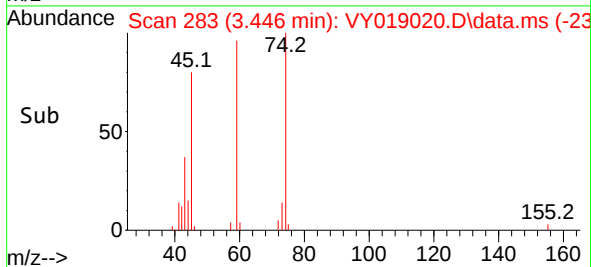
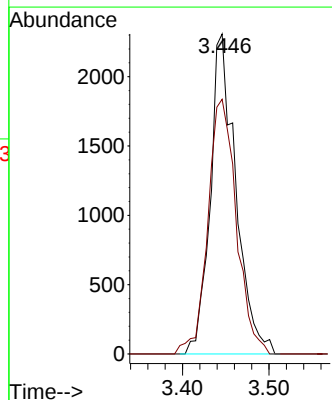
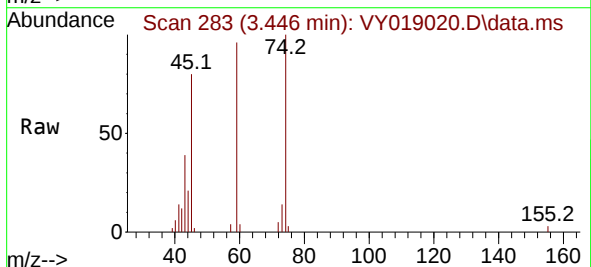


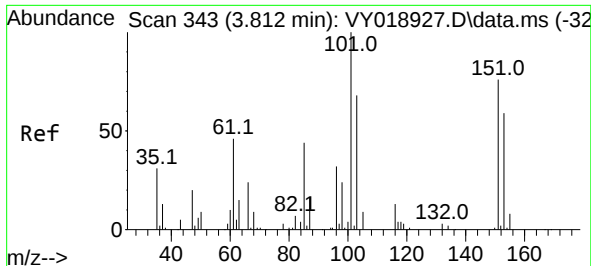
Tgt Ion:101 Resp: 33932
 Ion Ratio Lower Upper
 101 100
 103 64.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.312 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. -0.006 min
 Lab File: VY019020.D
 Acq: 13 Aug 2024 11:19

Tgt Ion: 74 Resp: 4725
 Ion Ratio Lower Upper
 74 100
 45 88.7 41.3 124.1

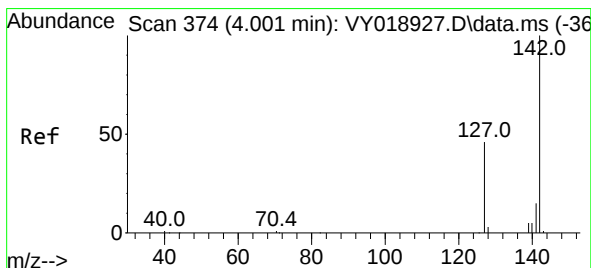
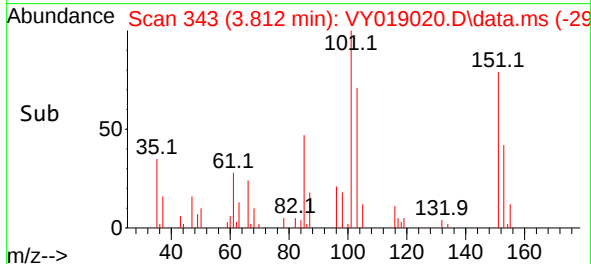
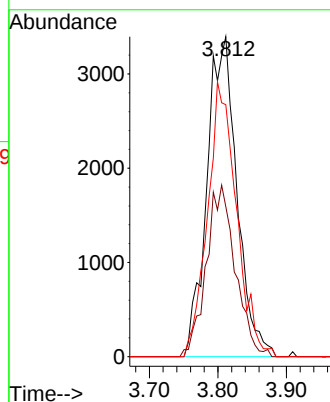
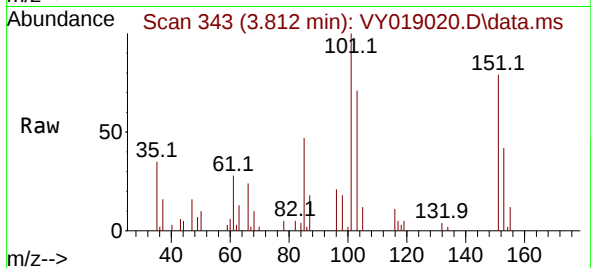




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.829 ug/l
RT: 3.812 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

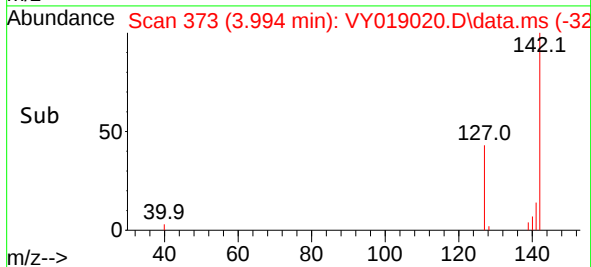
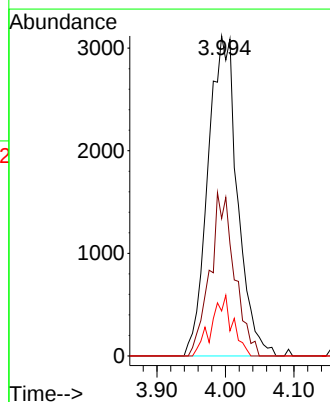
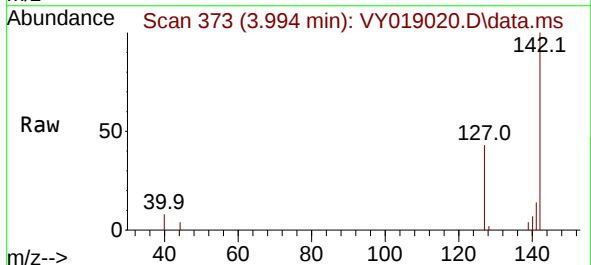
Instrument :
MSVOA_Y
ClientSampleId :

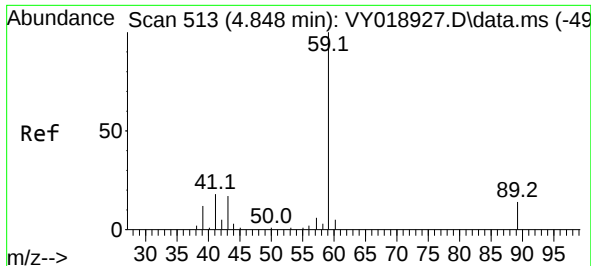
Tgt Ion:101 Resp: 10328
Ion Ratio Lower Upper
101 100
85 51.9 34.5 51.7#
151 82.8 61.7 92.5



#10
Methyl Iodide
Concen: 17.450 ug/l
RT: 3.994 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion:142 Resp: 9343
Ion Ratio Lower Upper
142 100
127 42.4 32.8 49.2
141 13.6 11.4 17.2

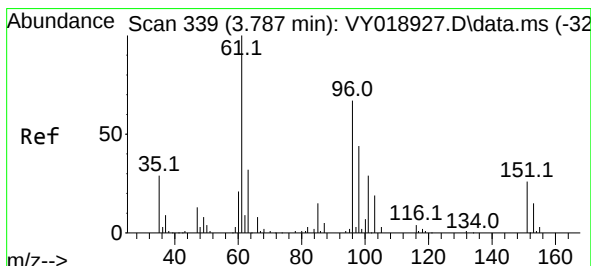
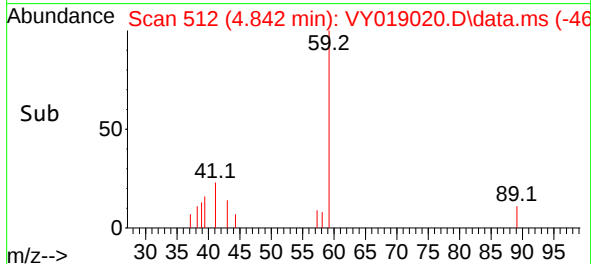
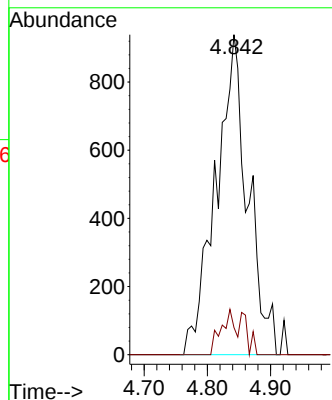
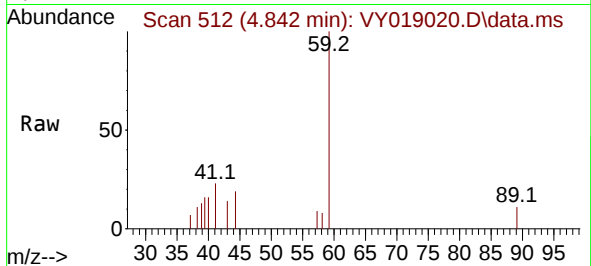




#11
Tert butyl alcohol
Concen: 40.442 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

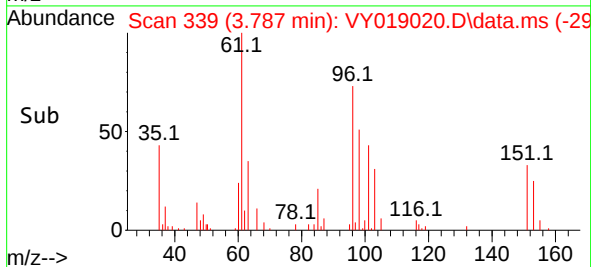
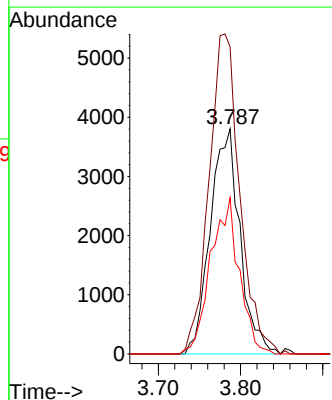
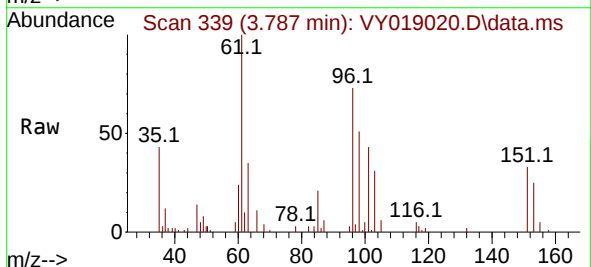
Instrument :
MSVOA_Y
ClientSampleId :

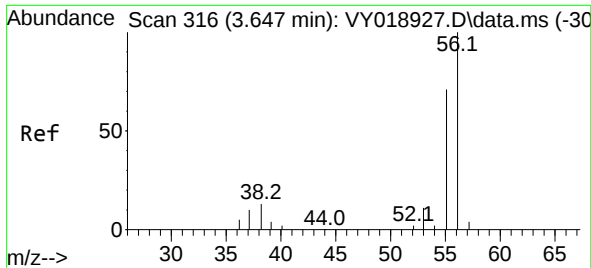
Tgt Ion: 59 Resp: 3293
Ion Ratio Lower Upper
59 100
57 6.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 20.331 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 96 Resp: 9524
Ion Ratio Lower Upper
96 100
61 136.3 114.6 171.8
98 69.3 50.8 76.2





#13

Acrolein

Concen: 81.088 ug/l

RT: 3.641 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

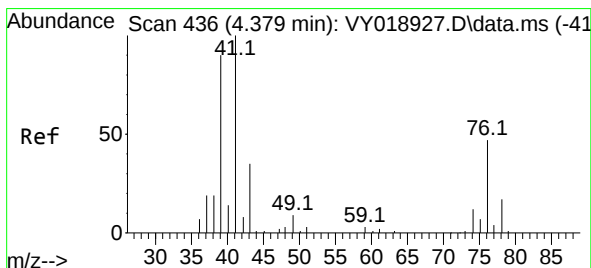
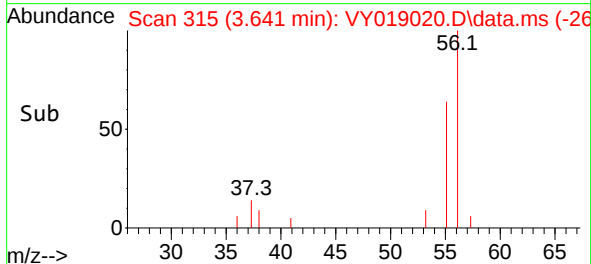
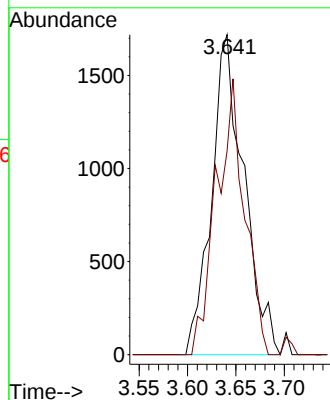
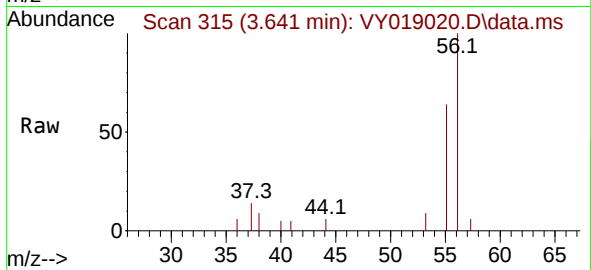
ClientSampleId :

Tgt Ion: 56 Resp: 3990

Ion Ratio Lower Upper

56 100

55 75.7 55.7 83.5



#14

Allyl chloride

Concen: 18.921 ug/l

RT: 4.379 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

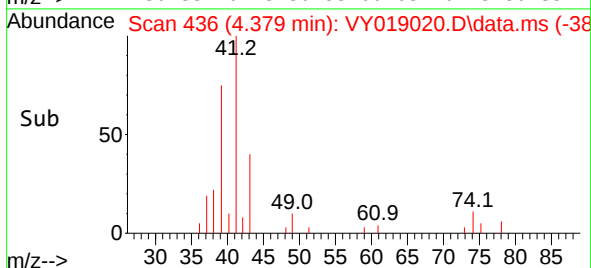
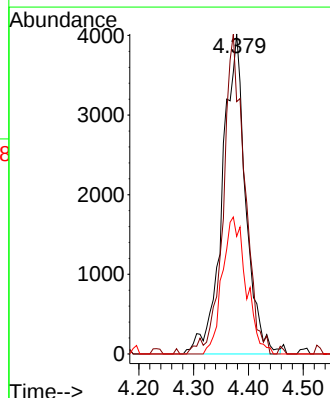
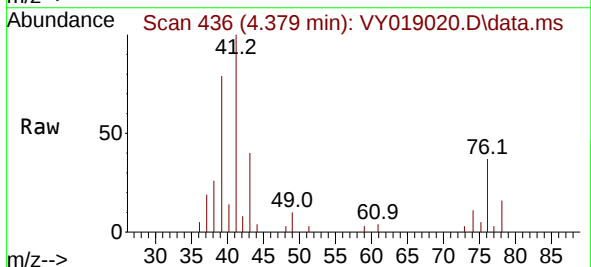
Tgt Ion: 41 Resp: 11854

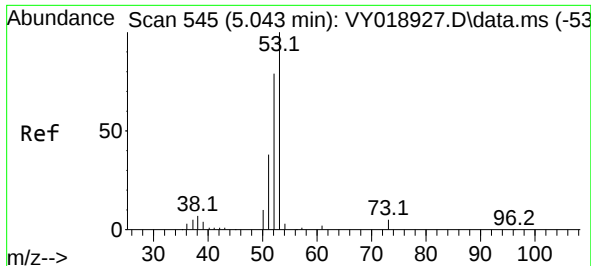
Ion Ratio Lower Upper

41 100

39 91.8 58.3 87.5#

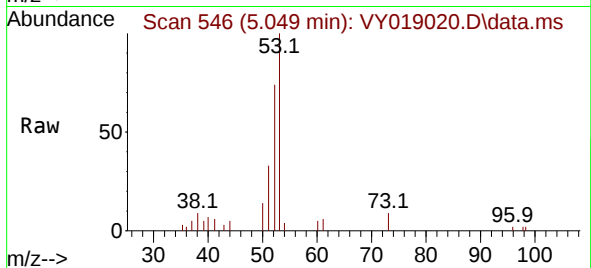
76 43.9 39.0 58.6



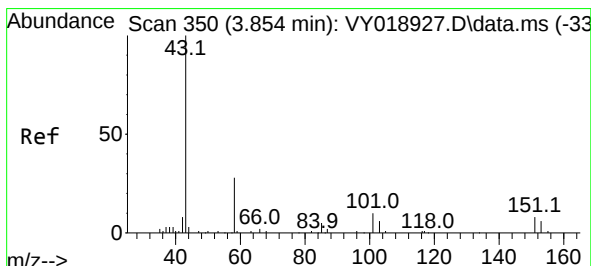
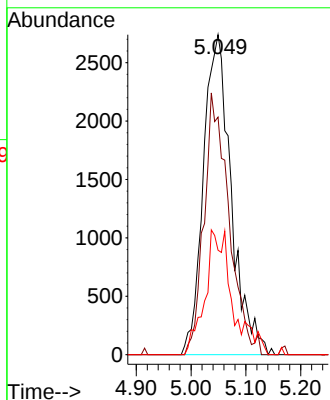
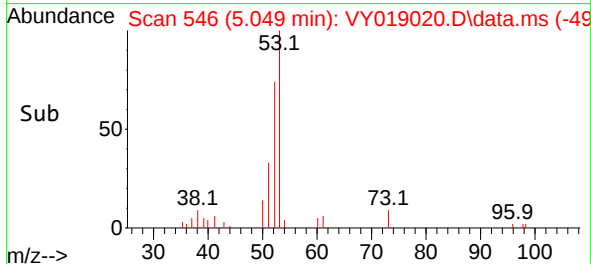


#15
Acrylonitrile
Concen: 100.392 ug/l
RT: 5.049 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

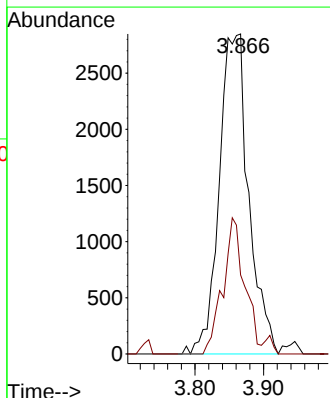
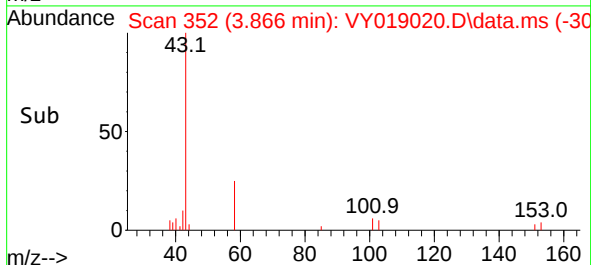
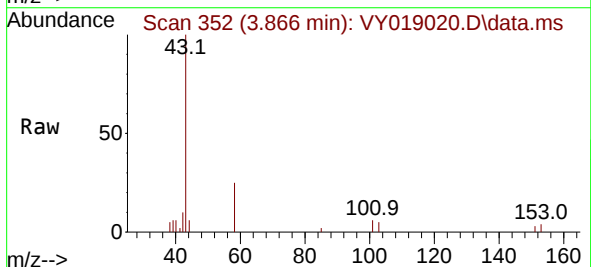


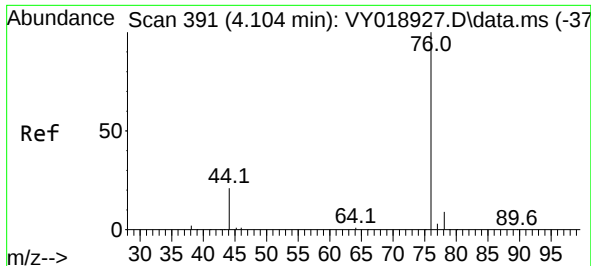
Tgt Ion: 53 Resp: 9629
Ion Ratio Lower Upper
53 100
52 73.2 64.7 97.1
51 33.6 28.4 42.6



#16
Acetone
Concen: 82.370 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 43 Resp: 8504
Ion Ratio Lower Upper
43 100
58 24.7 31.7 47.5#

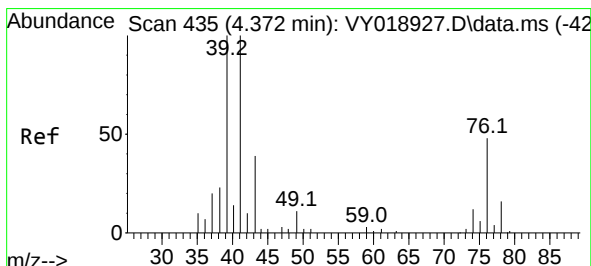
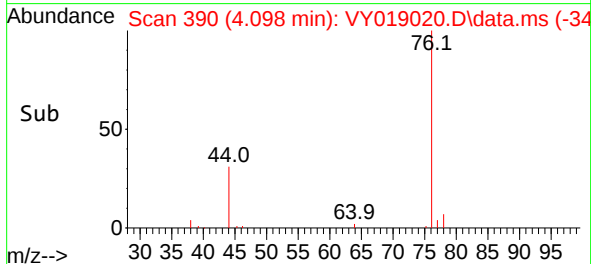
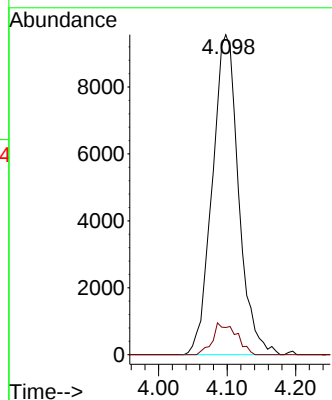
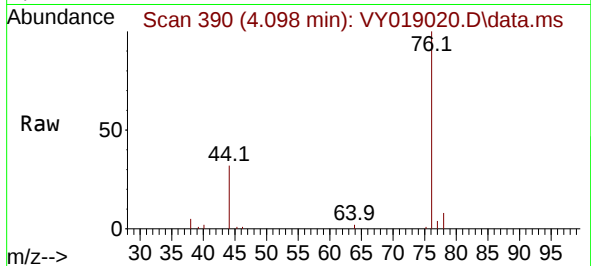




#17
Carbon Disulfide
Concen: 18.318 ug/l
RT: 4.098 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

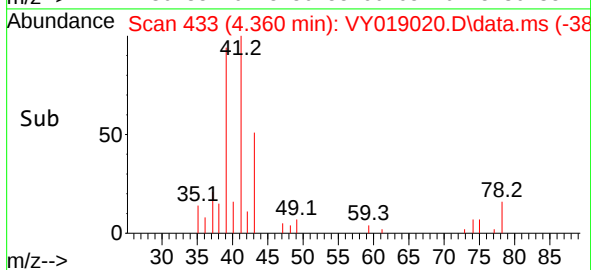
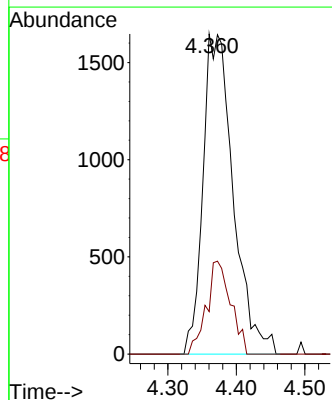
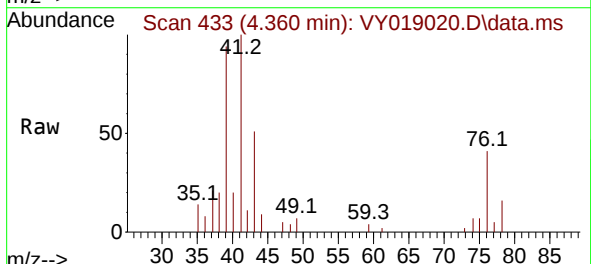
Instrument :
MSVOA_Y
ClientSampleId :

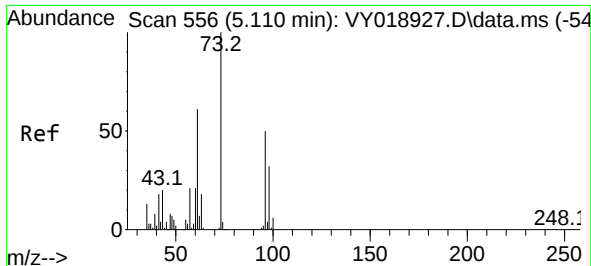
Tgt Ion: 76 Resp: 25509
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 20.045 ug/l
RT: 4.360 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 43 Resp: 5057
Ion Ratio Lower Upper
43 100
74 23.2 23.3 34.9#

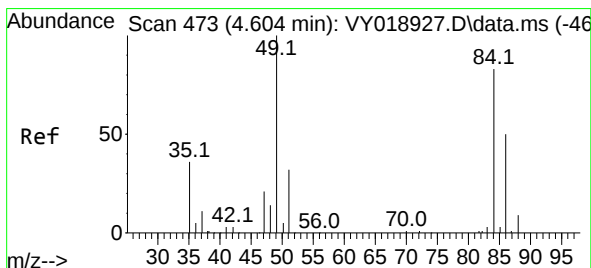
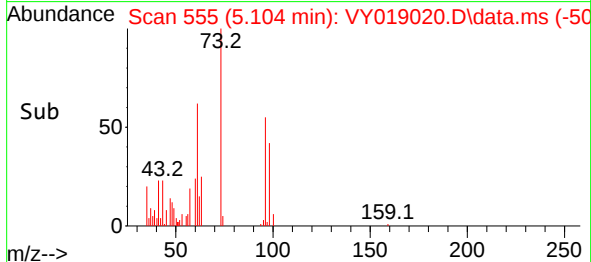
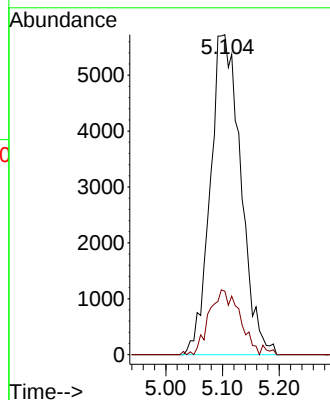
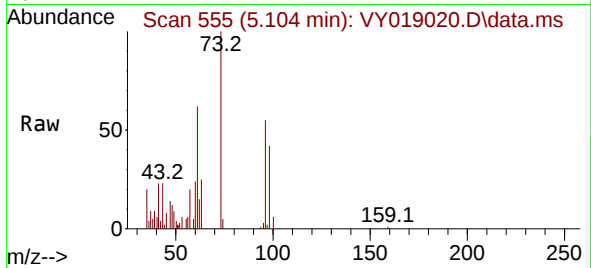




#19
Methyl tert-butyl Ether
Concen: 18.538 ug/l
RT: 5.104 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

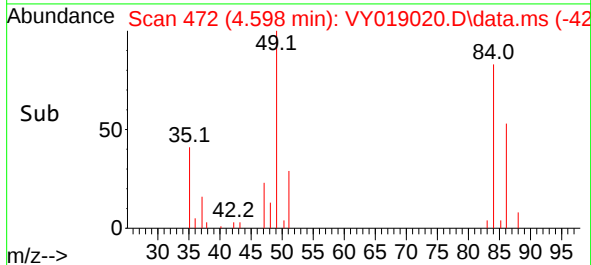
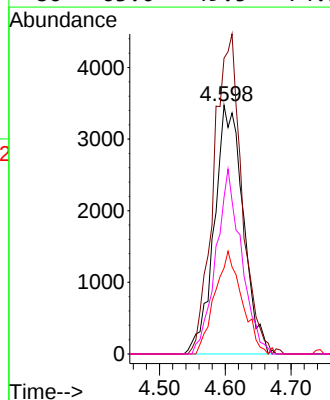
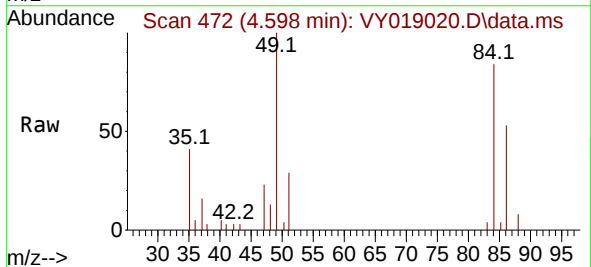
Instrument :
MSVOA_Y
ClientSampleId :

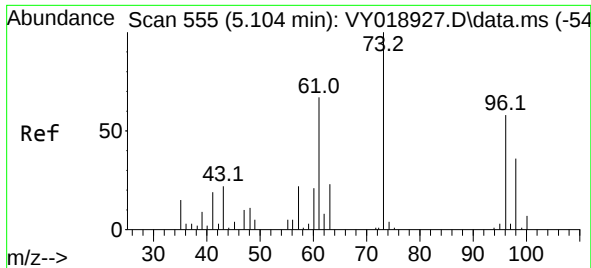
Tgt Ion: 73 Resp: 21360
Ion Ratio Lower Upper
73 100
57 19.8 17.3 25.9



#20
Methylene Chloride
Concen: 16.094 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

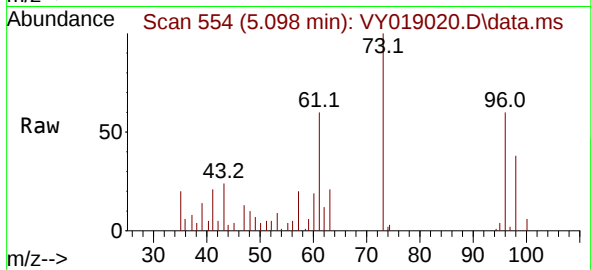
Tgt Ion: 84 Resp: 10634
Ion Ratio Lower Upper
84 100
49 119.0 84.4 126.6
51 34.5 26.0 39.0
86 63.0 49.5 74.3



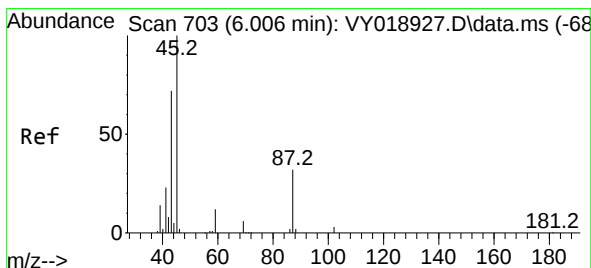
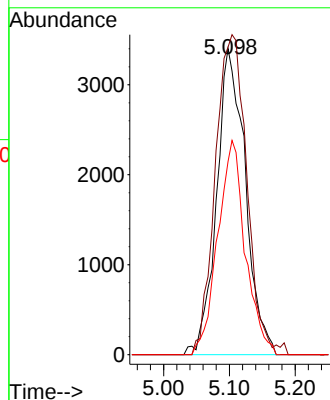
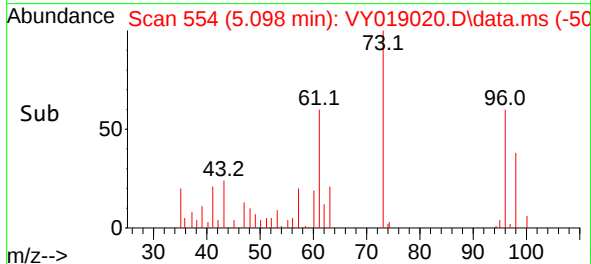


#21
trans-1,2-Dichloroethene
Concen: 19.936 ug/l
RT: 5.098 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

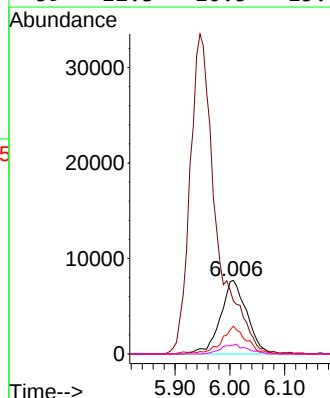
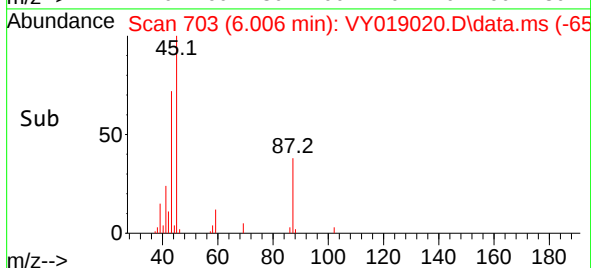
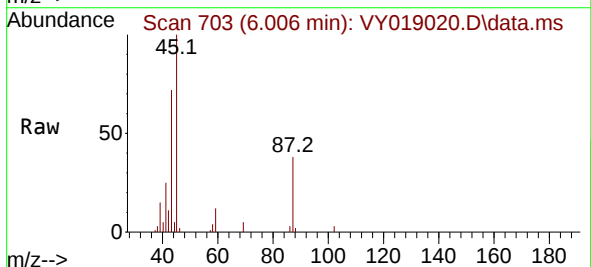


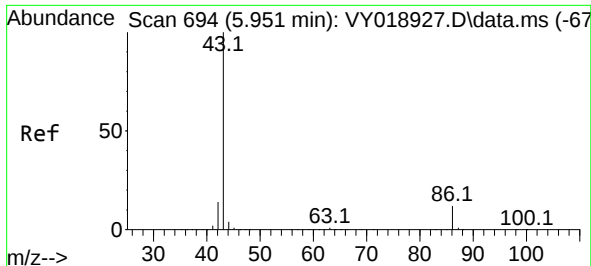
Tgt Ion: 96 Resp: 10333
Ion Ratio Lower Upper
96 100
61 100.5 97.5 146.3
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 18.813 ug/l
RT: 6.006 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 45 Resp: 25694
Ion Ratio Lower Upper
45 100
43 70.9 42.2 63.2#
87 37.8 25.0 37.6#
59 12.3 10.5 15.7

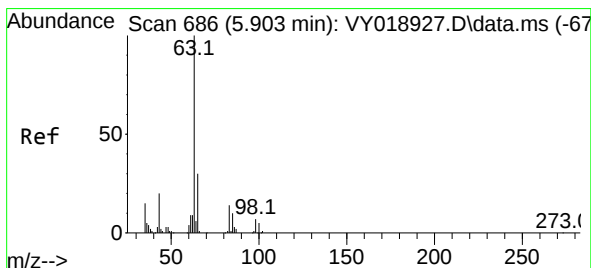
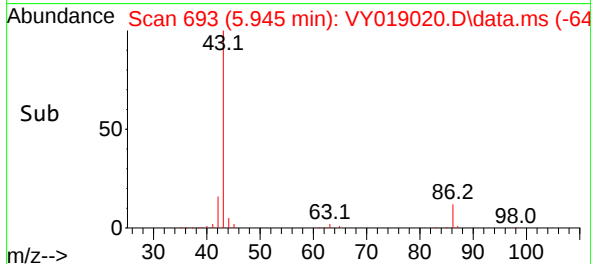
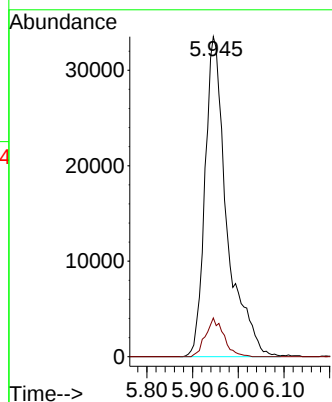
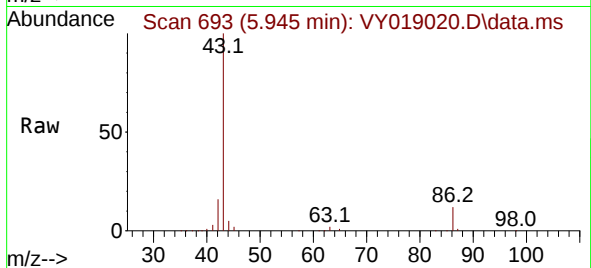




#23
 Vinyl Acetate
 Concen: 94.820 ug/l
 RT: 5.945 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY019020.D
 Acq: 13 Aug 2024 11:19

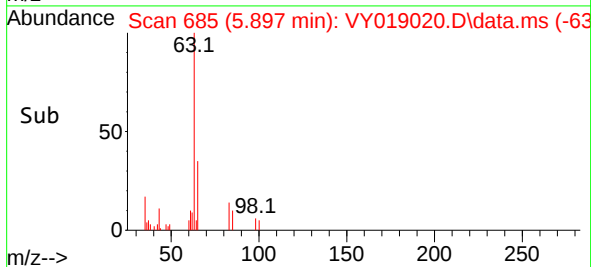
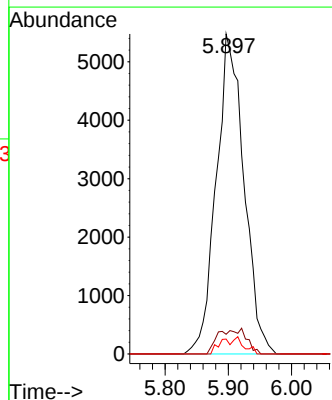
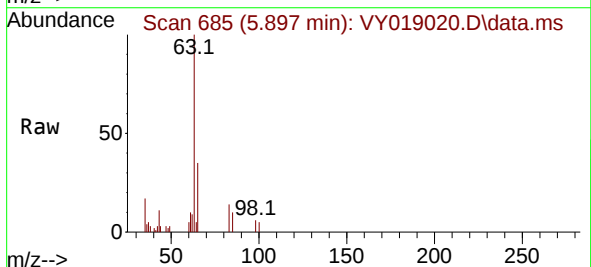
Instrument :
 MSVOA_Y
 ClientSampleId :

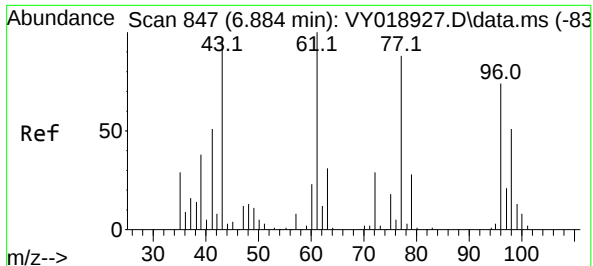
Tgt Ion: 43 Resp: 111765
 Ion Ratio Lower Upper
 43 100
 86 12.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.872 ug/l
 RT: 5.897 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY019020.D
 Acq: 13 Aug 2024 11:19

Tgt Ion: 63 Resp: 16650
 Ion Ratio Lower Upper
 63 100
 98 6.2 4.0 12.2
 100 4.7 2.6 8.0





#25

2-Butanone

Concen: 90.013 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

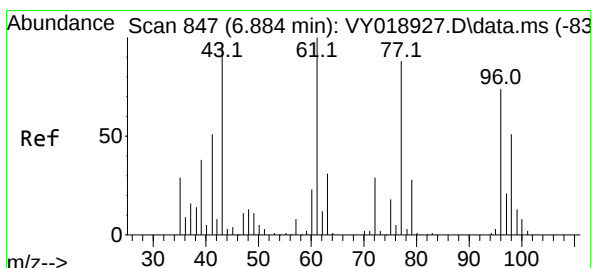
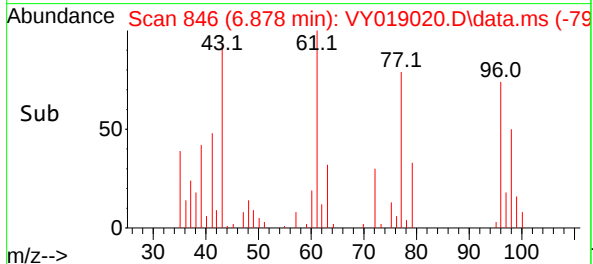
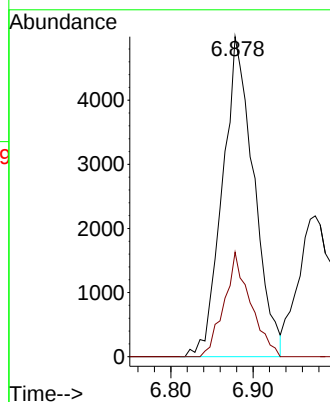
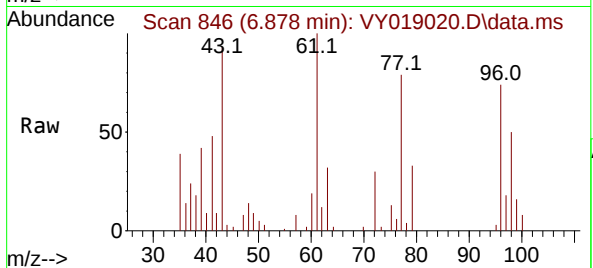
ClientSampleId :

Tgt Ion: 43 Resp: 13229

Ion Ratio Lower Upper

43 100

72 32.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 18.209 ug/l

RT: 6.866 min Scan# 844

Delta R.T. -0.018 min

Lab File: VY019020.D

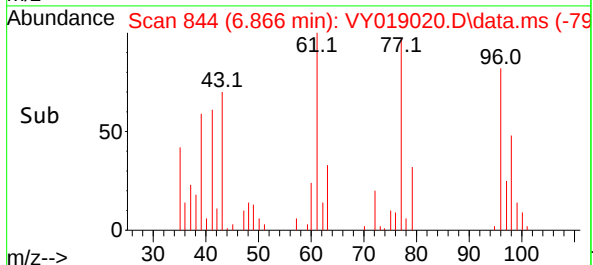
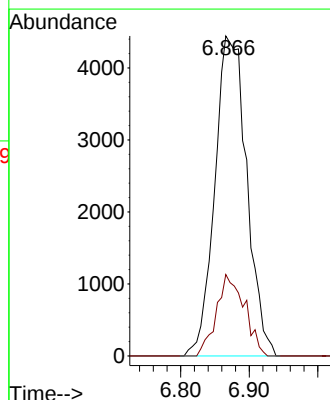
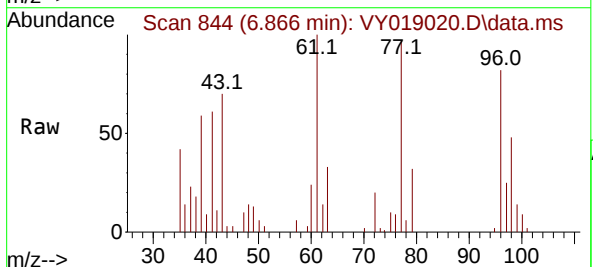
Acq: 13 Aug 2024 11:19

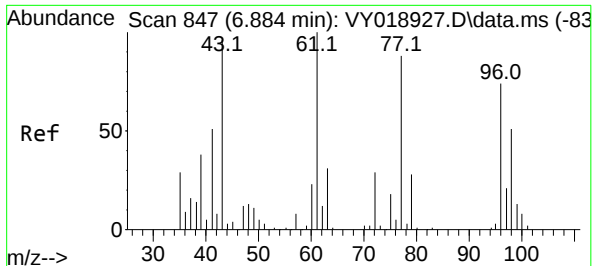
Tgt Ion: 77 Resp: 14360

Ion Ratio Lower Upper

77 100

97 22.4 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 18.936 ug/l

RT: 6.884 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

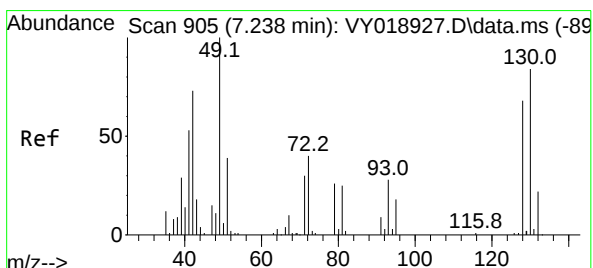
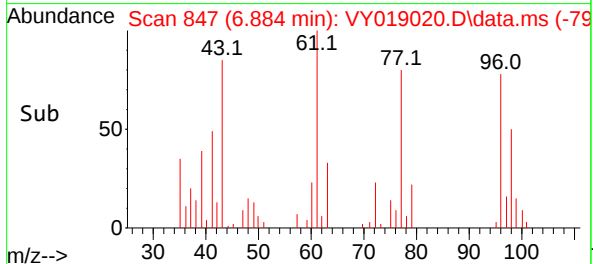
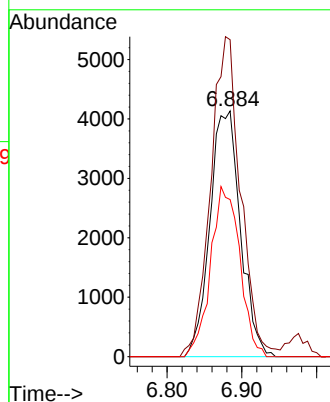
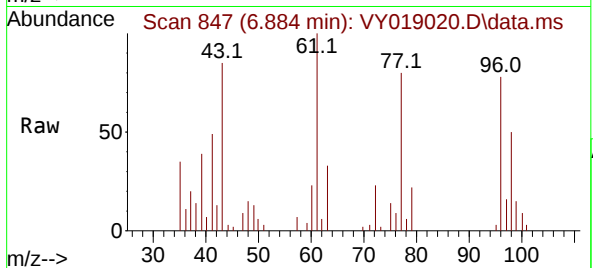
Tgt Ion: 96 Resp: 11743

Ion Ratio Lower Upper

96 100

61 127.9 0.0 256.2

98 65.9 0.0 130.0



#28

Bromochloromethane

Concen: 21.413 ug/l

RT: 7.232 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

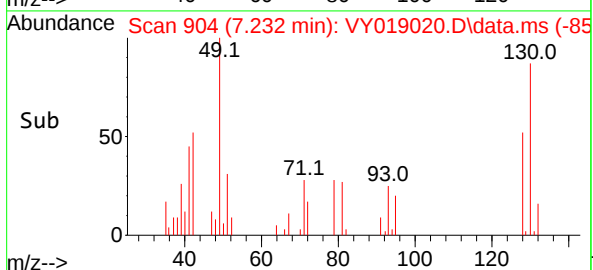
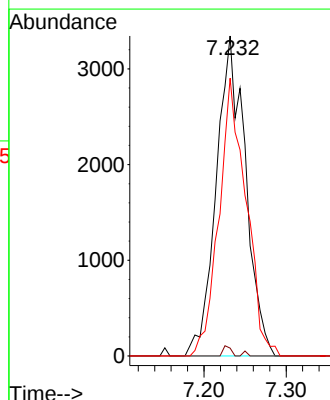
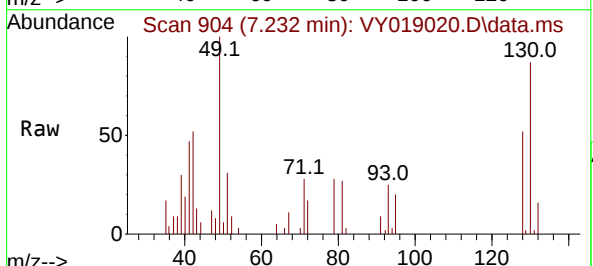
Tgt Ion: 49 Resp: 8260

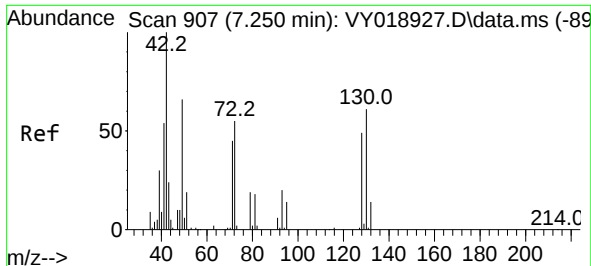
Ion Ratio Lower Upper

49 100

129 0.8 0.0 4.6

130 80.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 91.784 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.000 min

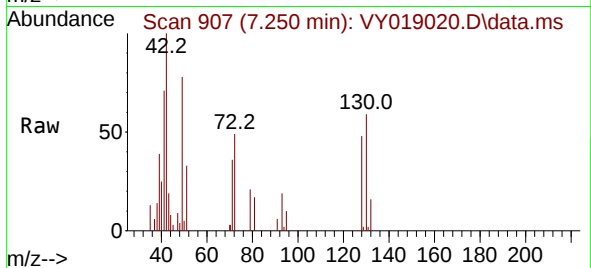
Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

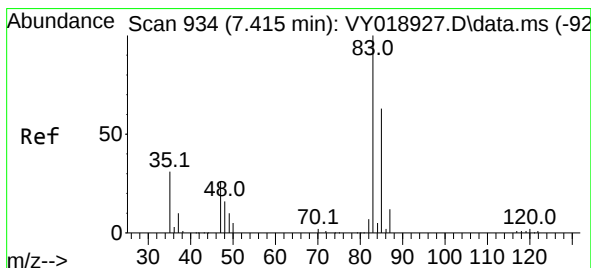
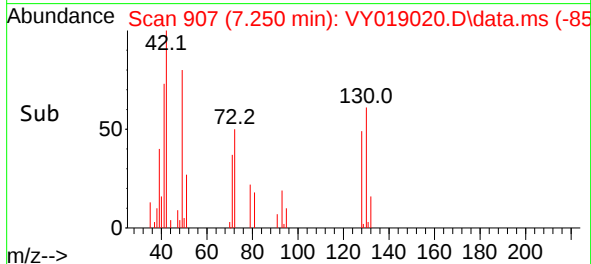
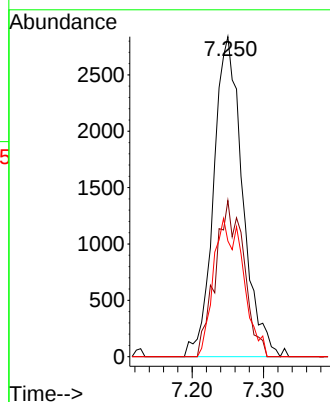
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	7954
Ion	Ratio	Lower	Upper
42	100		
72	48.2	43.0	64.4
71	44.1	40.8	61.2



#30

Chloroform

Concen: 20.334 ug/l

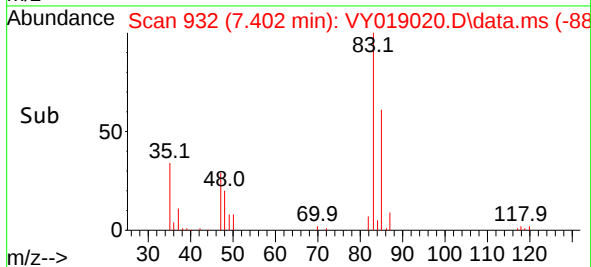
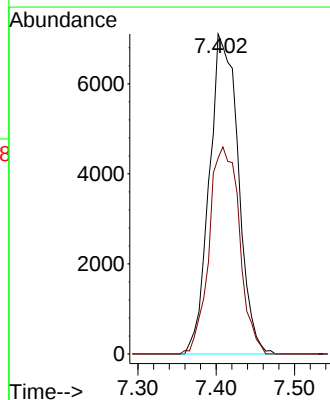
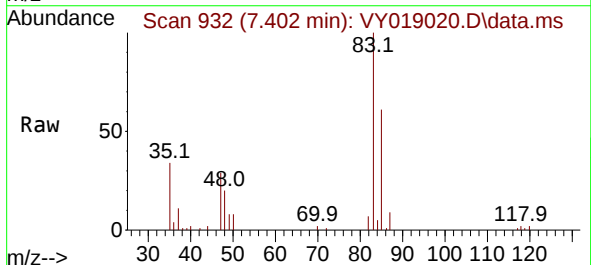
RT: 7.402 min Scan# 932

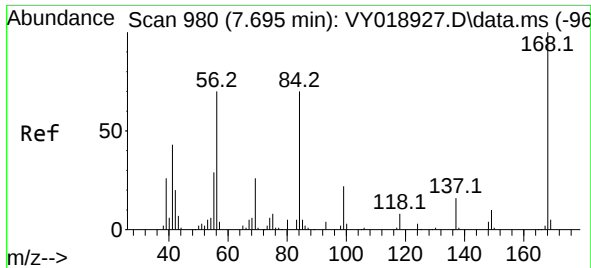
Delta R.T. -0.012 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

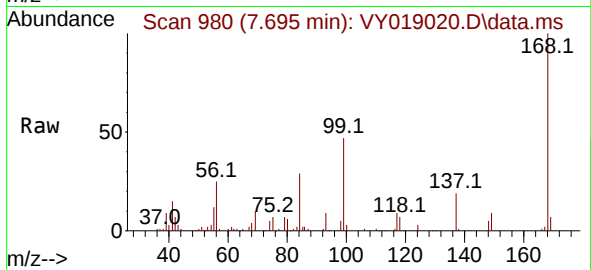
Tgt Ion:	83	Resp:	18225
Ion	Ratio	Lower	Upper
83	100		
85	61.2	52.2	78.4



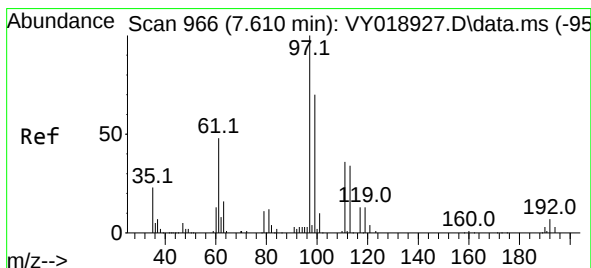
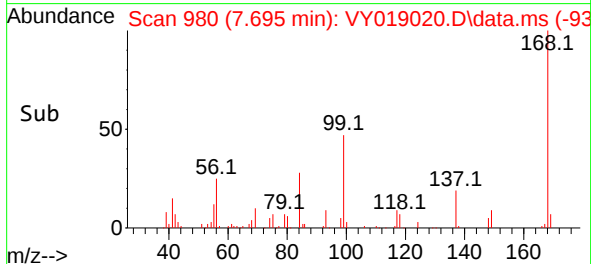
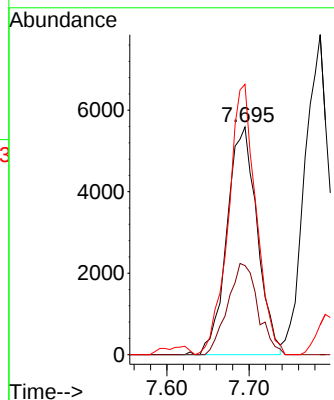


#31
Cyclohexane
Concen: 17.639 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

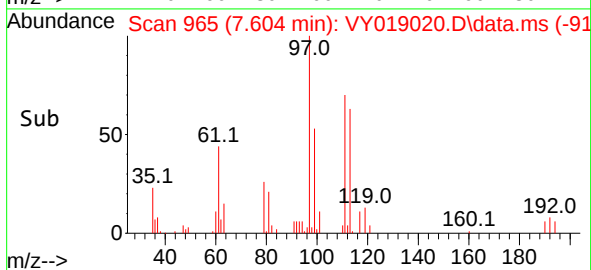
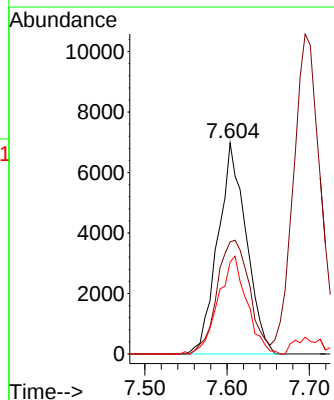
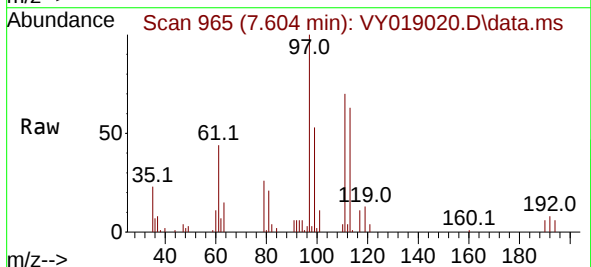


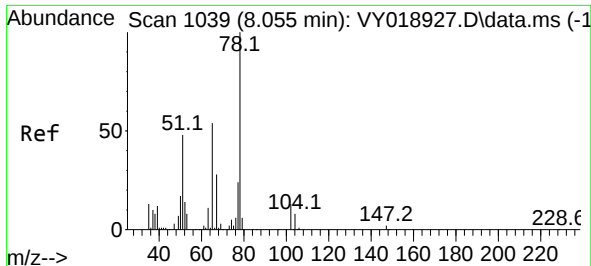
Tgt Ion: 56 Resp: 14257
Ion Ratio Lower Upper
56 100
69 39.2 28.7 43.1
84 115.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.662 ug/l
RT: 7.604 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 97 Resp: 16740
Ion Ratio Lower Upper
97 100
99 61.9 50.3 75.5
61 46.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 50.541 ug/l

RT: 8.049 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

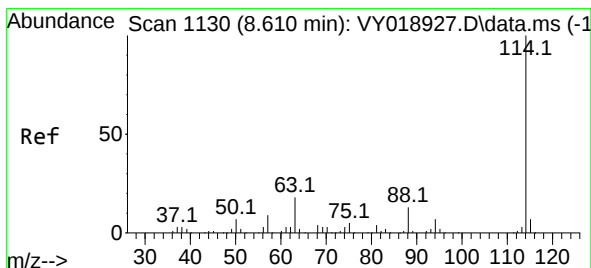
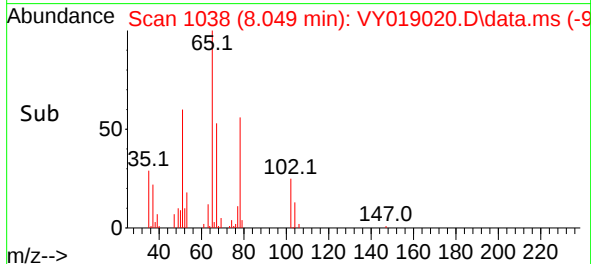
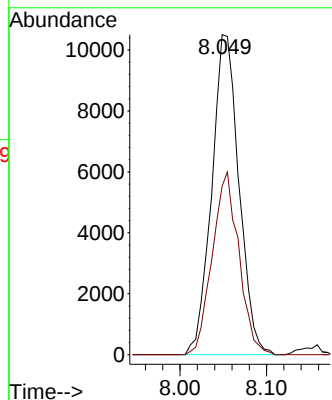
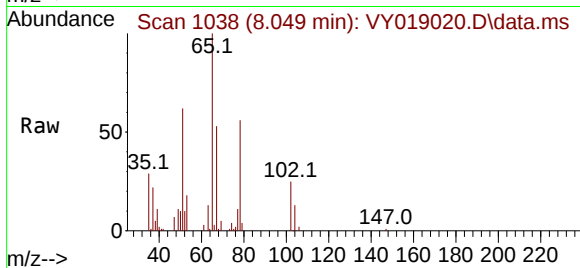
ClientSampleId :

Tgt Ion: 65 Resp: 22941

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

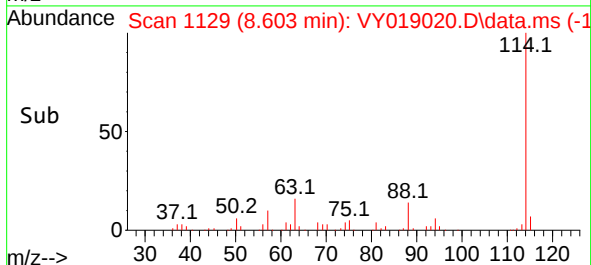
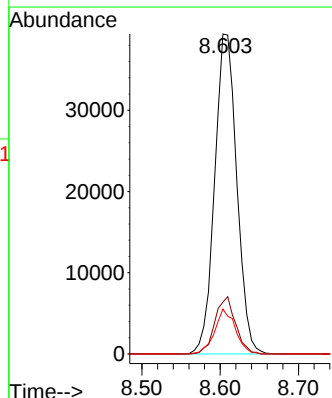
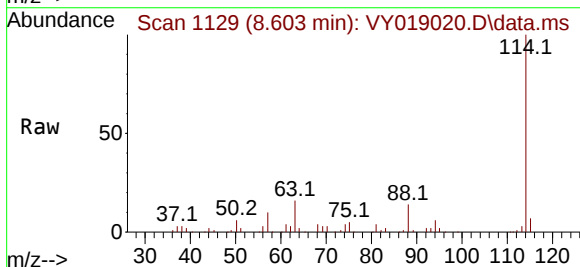
Tgt Ion: 114 Resp: 77409

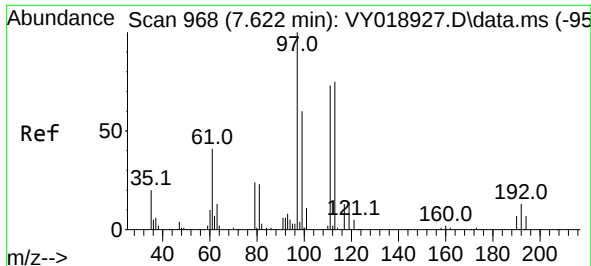
Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.0 0.0 27.2

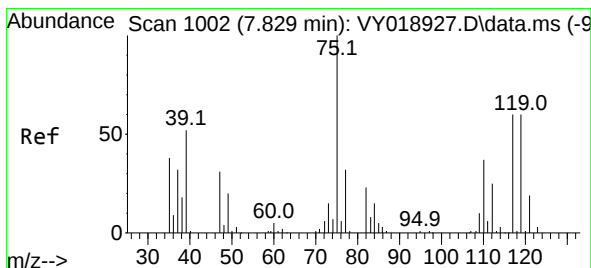
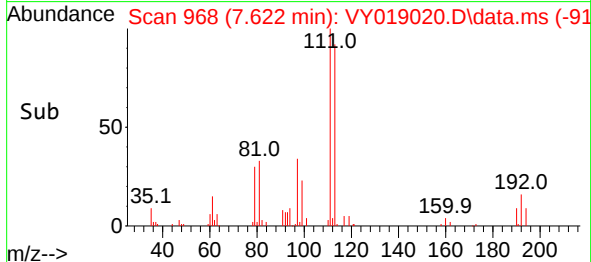
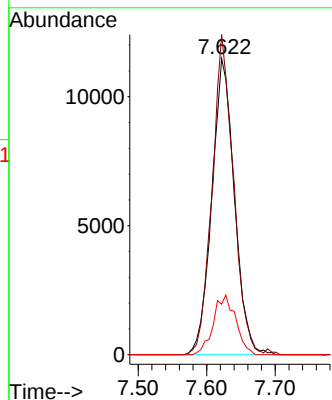
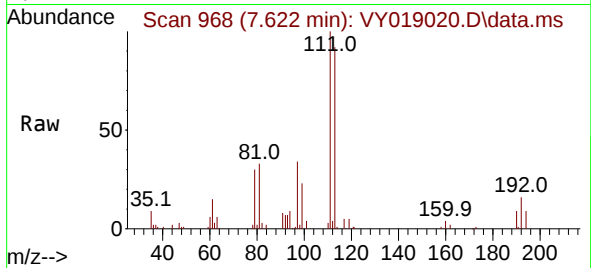




#35
Dibromofluoromethane
Concen: 53.095 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

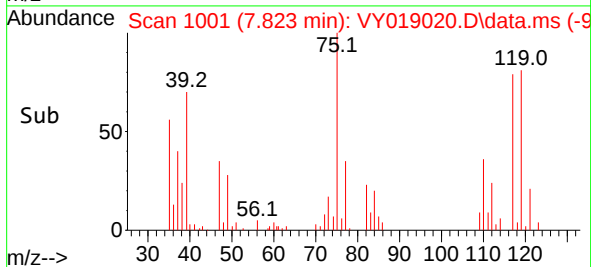
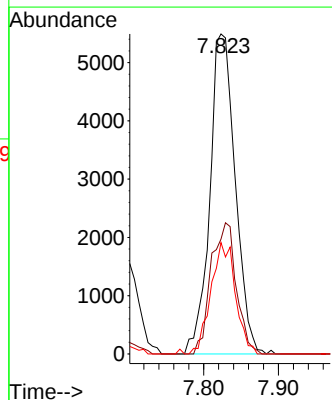
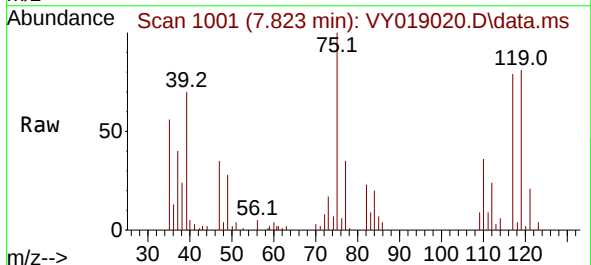
Instrument :
MSVOA_Y
ClientSampleId :

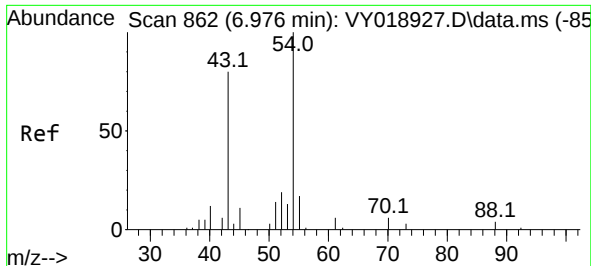
Tgt Ion:113 Resp: 26250
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.609 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 75 Resp: 13014
Ion Ratio Lower Upper
75 100
110 40.6 19.0 57.0
77 33.5 25.3 37.9

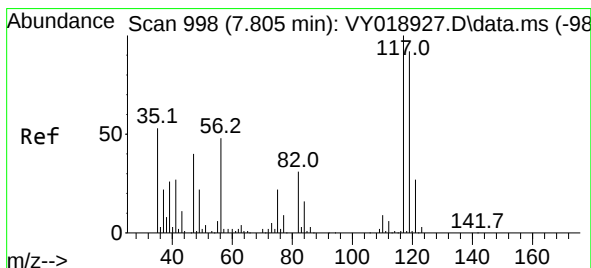
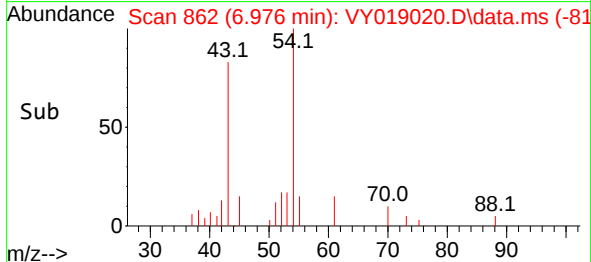
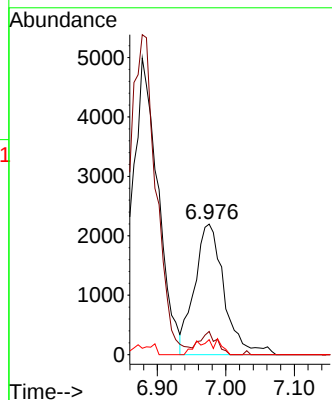
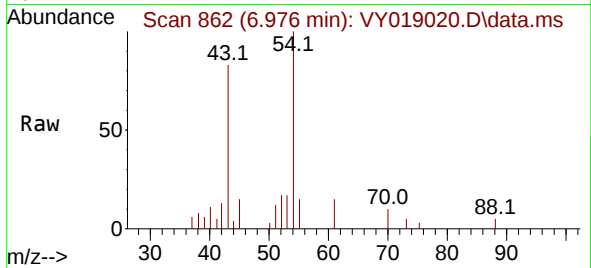




#37
Ethyl Acetate
Concen: 21.672 ug/l
RT: 6.976 min Scan# 862
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

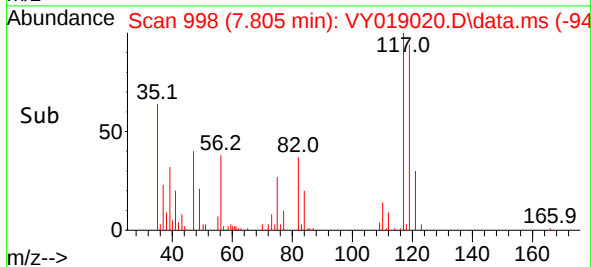
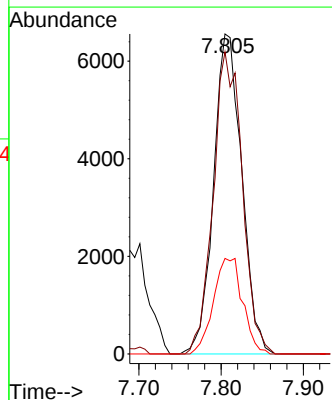
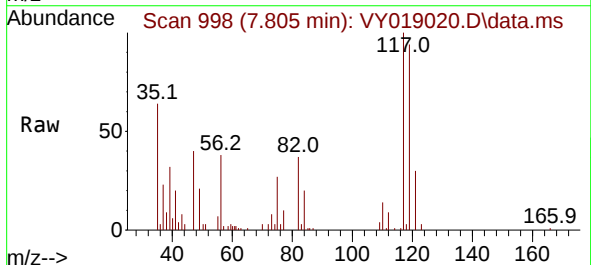
Instrument :
MSVOA_Y
ClientSampleId :

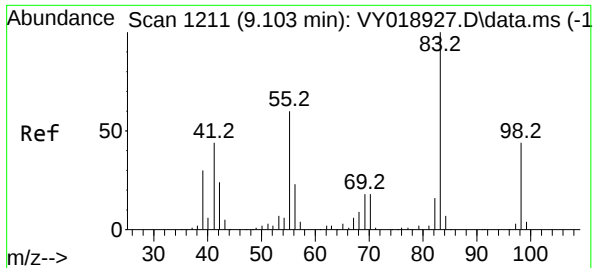
Tgt Ion: 43 Resp: 6574
Ion Ratio Lower Upper
43 100
61 10.1 12.6 19.0#
70 6.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 20.557 ug/l
RT: 7.805 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 117 Resp: 15643
Ion Ratio Lower Upper
117 100
119 94.4 75.8 113.6
121 29.9 24.0 36.0





#39

Methylcyclohexane

Concen: 18.681 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

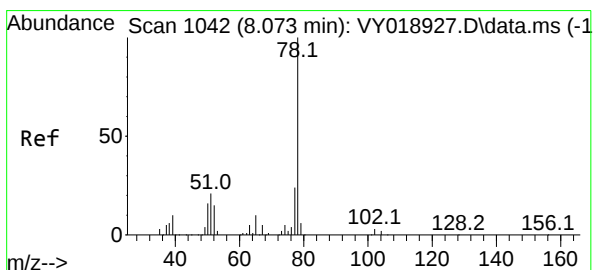
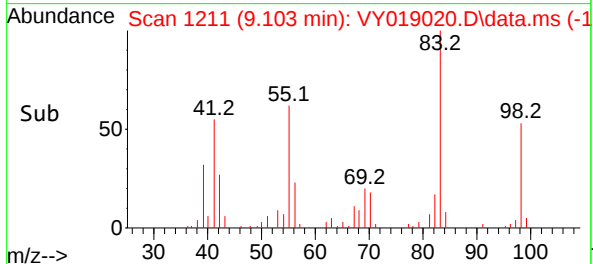
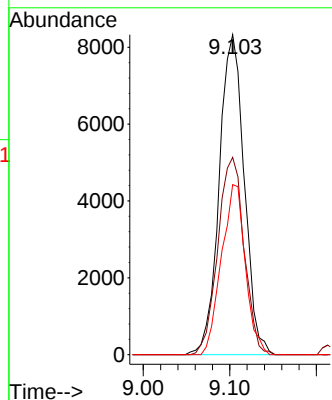
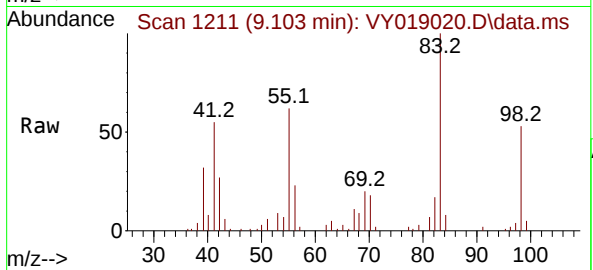
Tgt Ion: 83 Resp: 16688

Ion Ratio Lower Upper

83 100

55 61.6 51.5 77.3

98 53.1 40.5 60.7



#40

Benzene

Concen: 20.972 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY019020.D

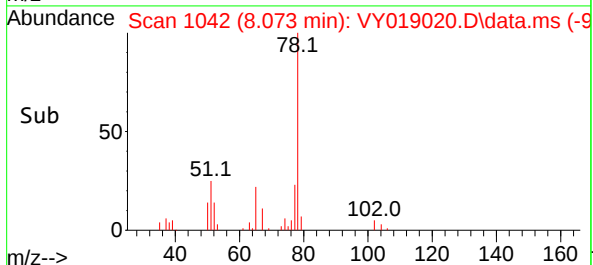
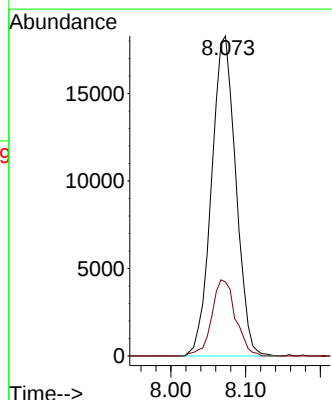
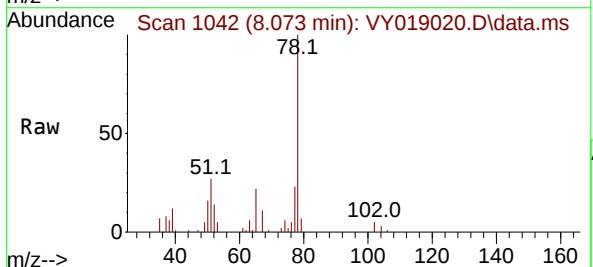
Acq: 13 Aug 2024 11:19

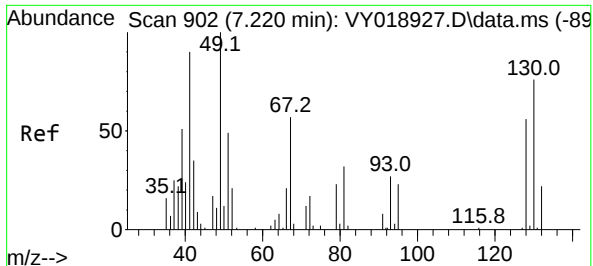
Tgt Ion: 78 Resp: 41382

Ion Ratio Lower Upper

78 100

77 23.1 19.5 29.3

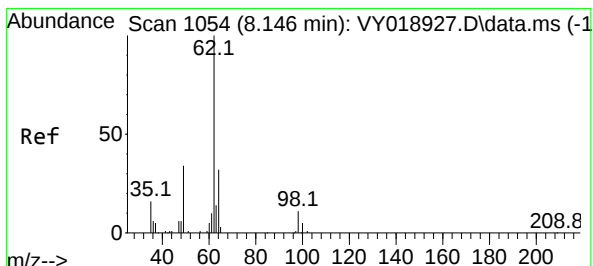
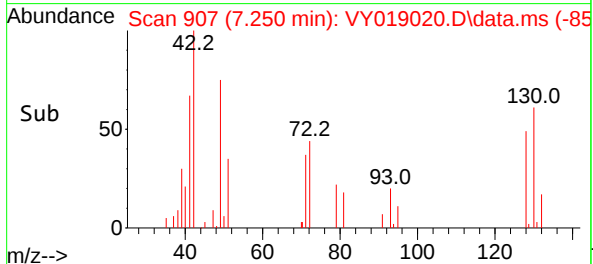
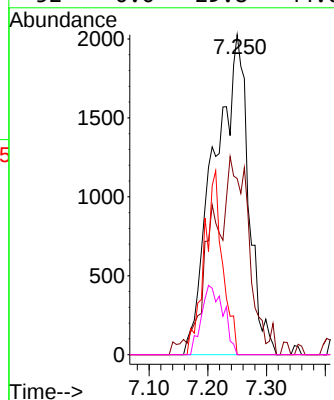
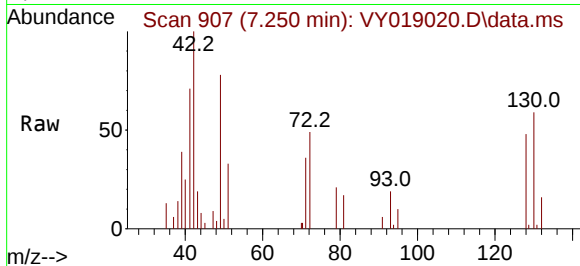




#41
Methacrylonitrile
Concen: 61.175 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.030 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

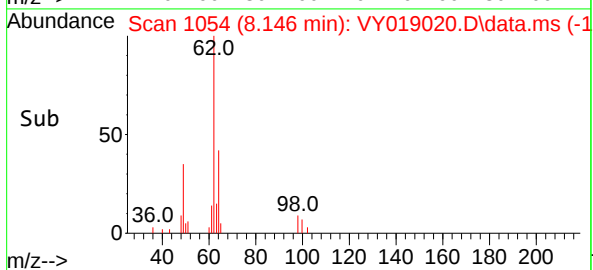
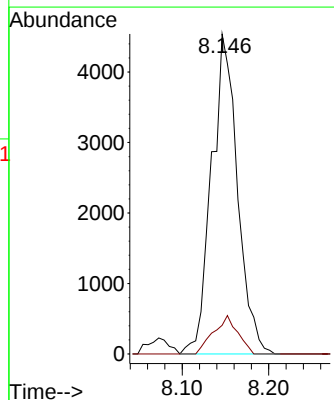
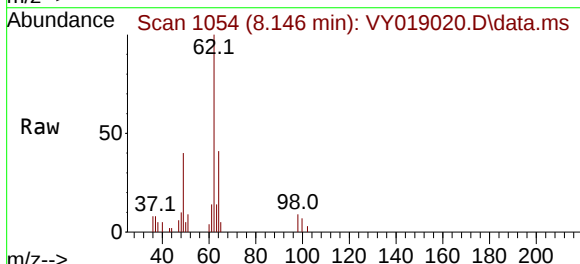
Instrument :
MSVOA_Y
ClientSampleId :

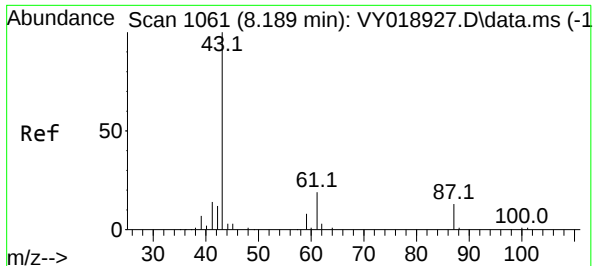
Tgt Ion: 41 Resp: 8262
Ion Ratio Lower Upper
41 100
39 40.6 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.258 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 62 Resp: 9460
Ion Ratio Lower Upper
62 100
98 11.1 0.0 22.0

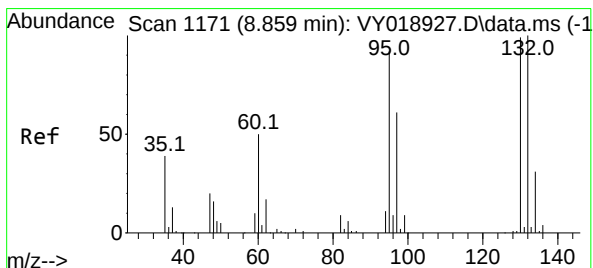
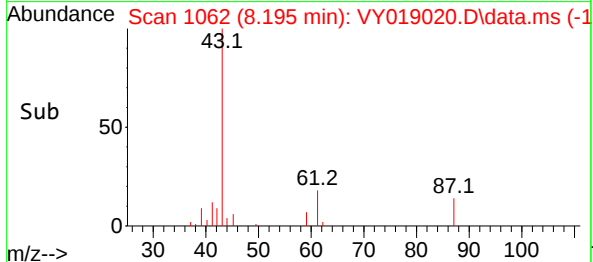
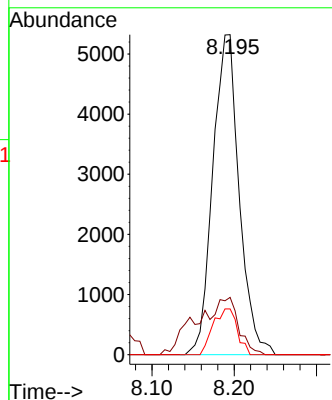
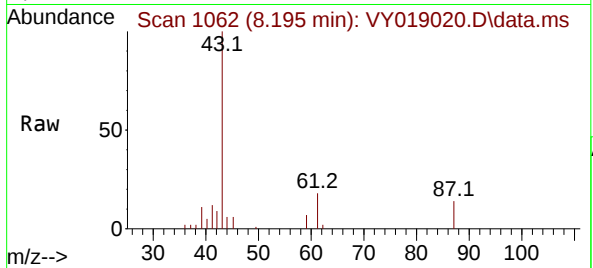




#43
Isopropyl Acetate
Concen: 19.205 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

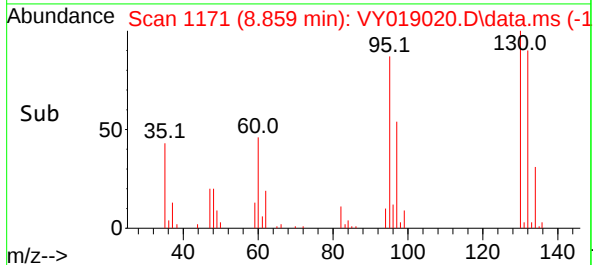
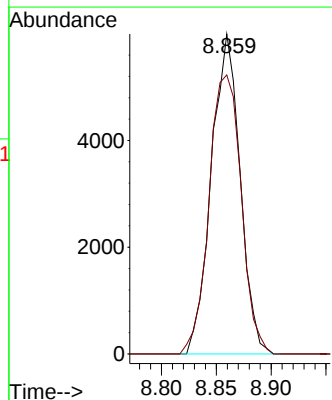
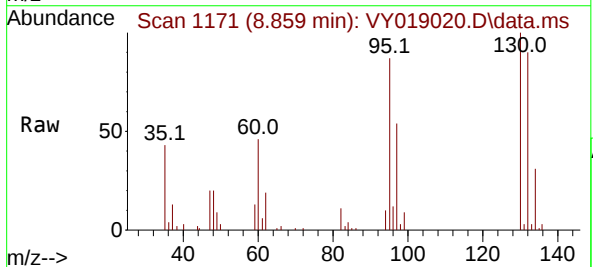
Instrument :
MSVOA_Y
ClientSampleId :

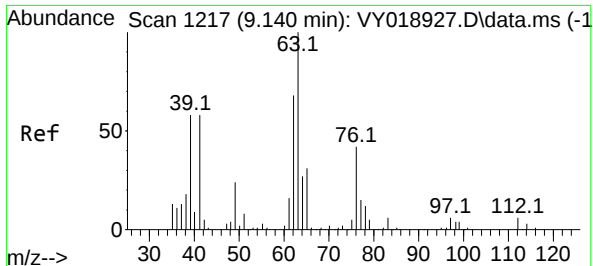
Tgt Ion: 43 Resp: 11848
Ion Ratio Lower Upper
43 100
61 19.6 27.9 41.9#
87 13.0 13.1 19.7#



#44
Trichloroethene
Concen: 19.443 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion:130 Resp: 10936
Ion Ratio Lower Upper
130 100
95 87.2 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.269 ug/l

RT: 9.134 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

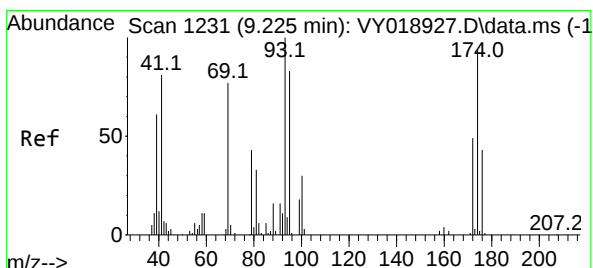
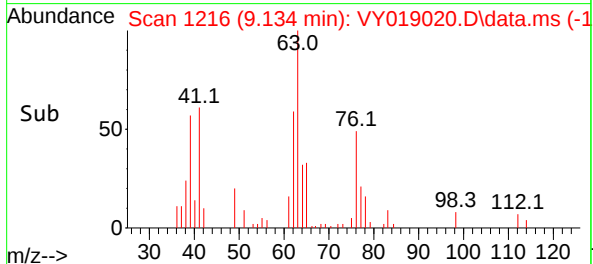
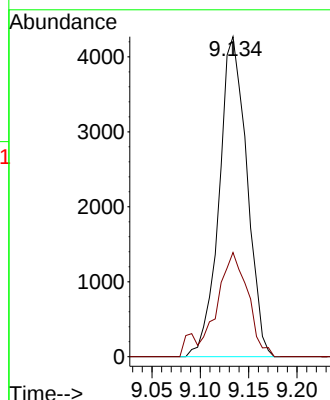
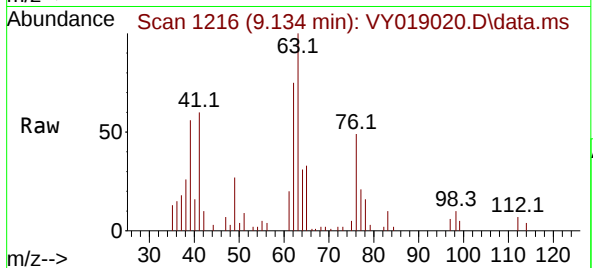
ClientSampleId :

Tgt Ion: 63 Resp: 8508

Ion Ratio Lower Upper

63 100

65 32.5 25.4 38.2



#46

Dibromomethane

Concen: 21.561 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

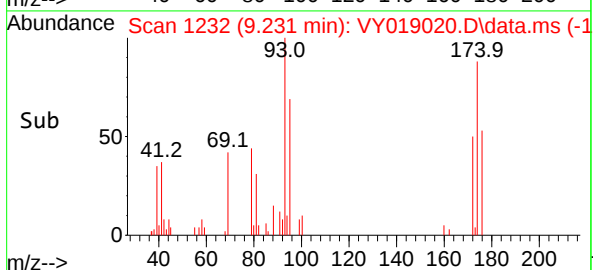
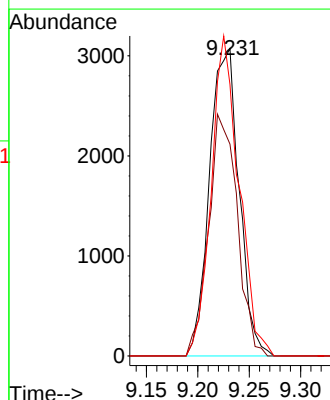
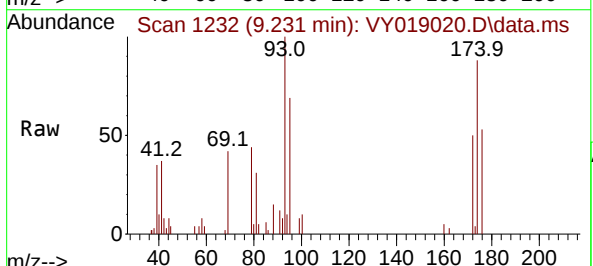
Tgt Ion: 93 Resp: 6151

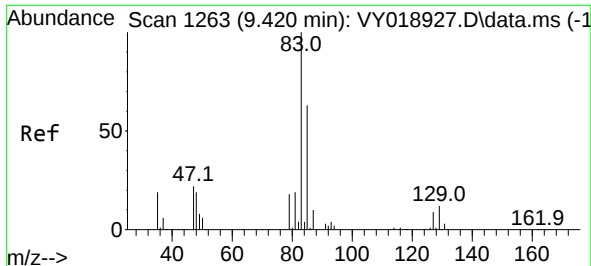
Ion Ratio Lower Upper

93 100

95 76.1 66.2 99.4

174 97.7 80.9 121.3

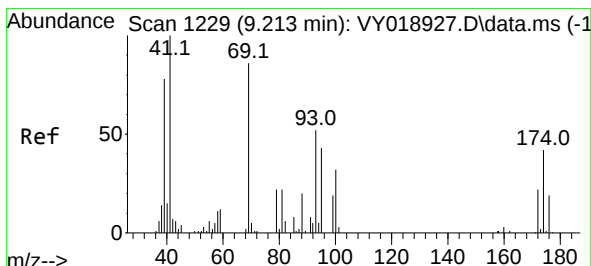
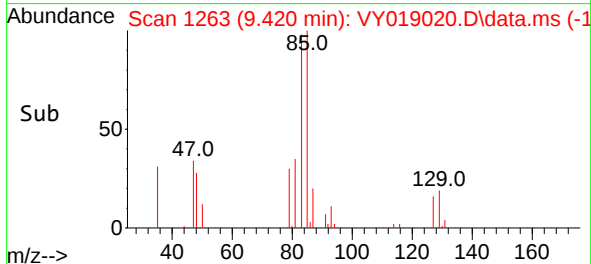
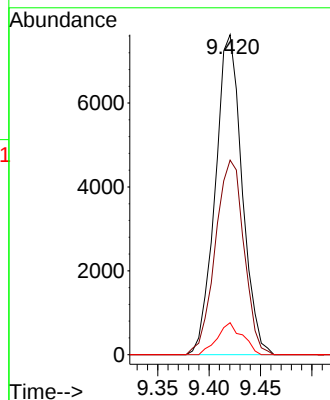
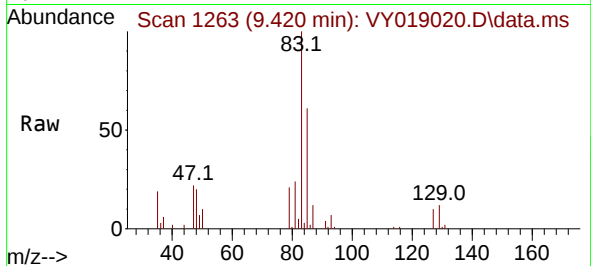




#47
Bromodichloromethane
Concen: 20.662 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

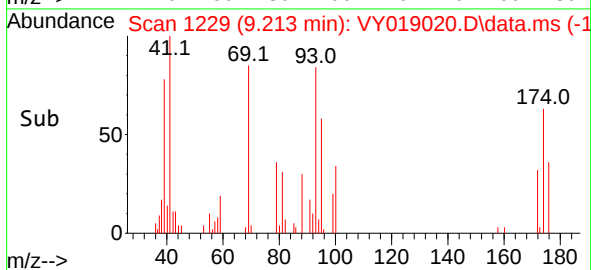
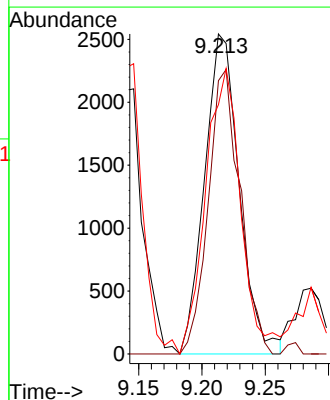
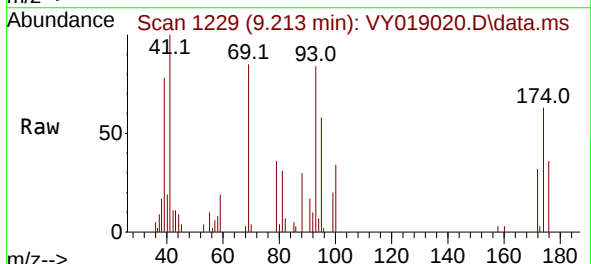
Instrument :
MSVOA_Y
ClientSampleId :

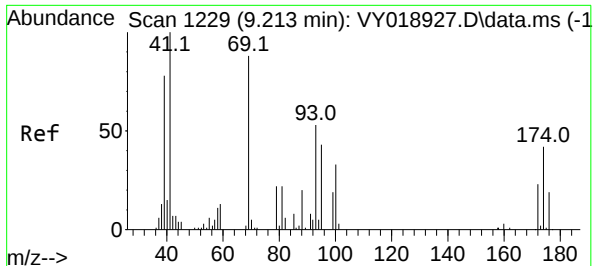
Tgt Ion: 83 Resp: 13794
Ion Ratio Lower Upper
83 100
85 60.8 50.1 75.1
127 10.0 7.4 11.0



#48
Methyl methacrylate
Concen: 18.004 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 41 Resp: 4852
Ion Ratio Lower Upper
41 100
69 81.6 84.1 126.1#
39 90.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 476.780 ug/l

RT: 9.219 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

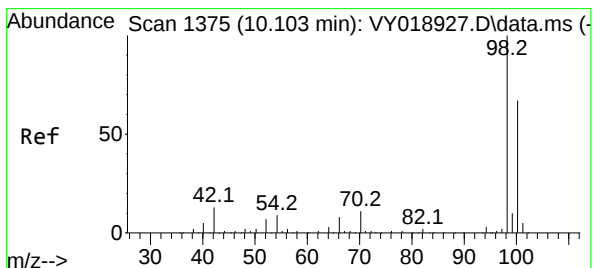
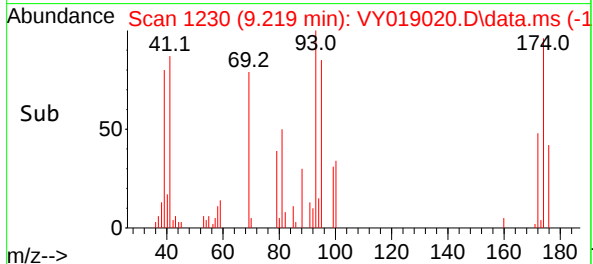
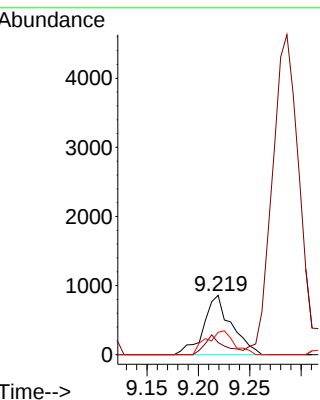
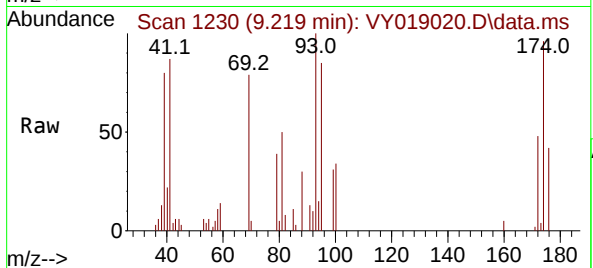
Tgt Ion: 88 Resp: 1607

Ion Ratio Lower Upper

88 100

43 23.9 0.0 0.0#

58 40.1 49.3 73.9#



#50

Toluene-d8

Concen: 52.894 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY019020.D

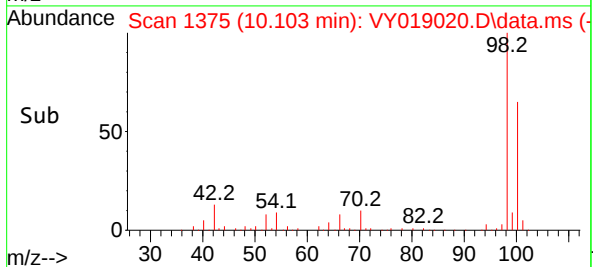
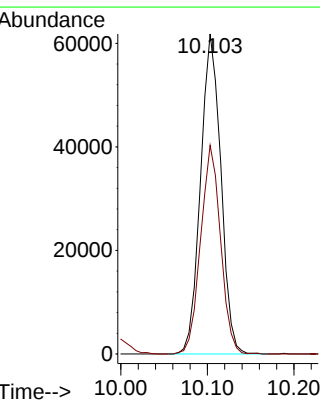
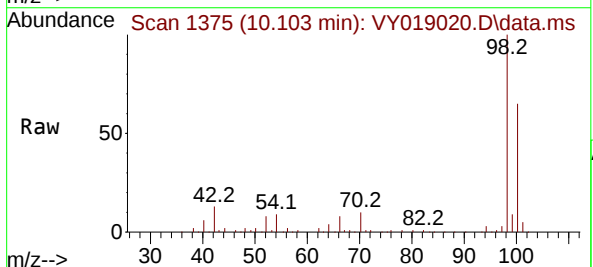
Acq: 13 Aug 2024 11:19

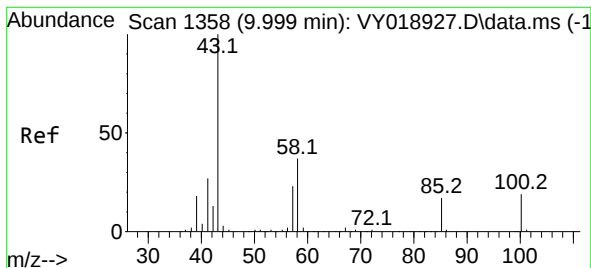
Tgt Ion: 98 Resp: 100447

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0

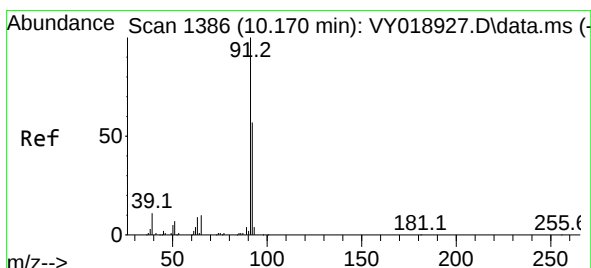
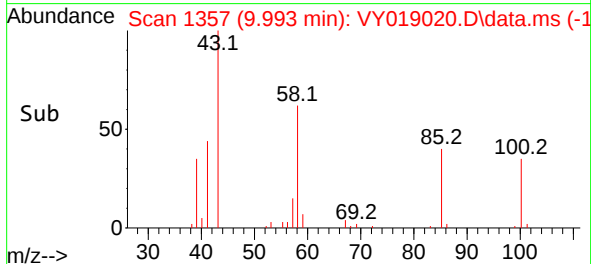
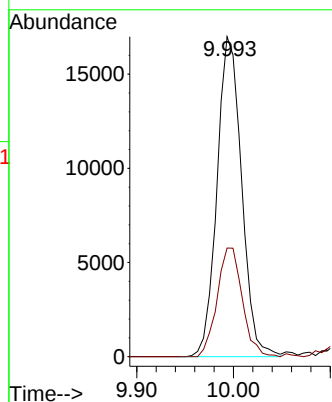
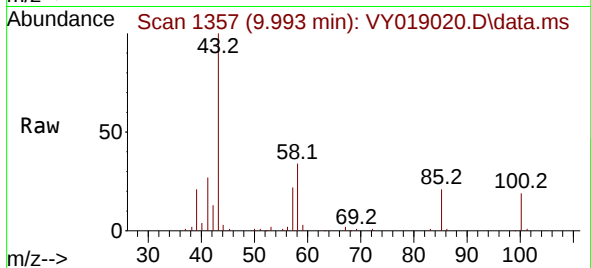




#51
4-Methyl-2-Pentanone
Concen: 94.157 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

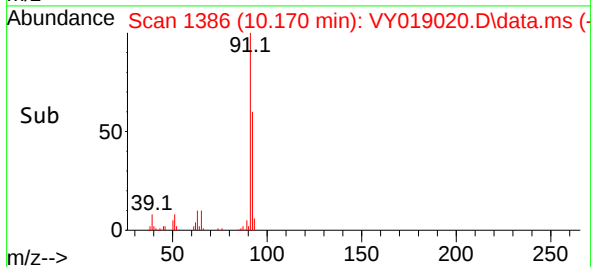
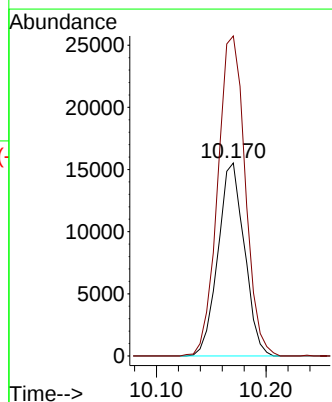
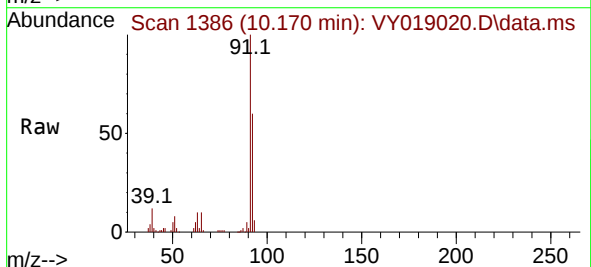
Instrument :
MSVOA_Y
ClientSampleId :

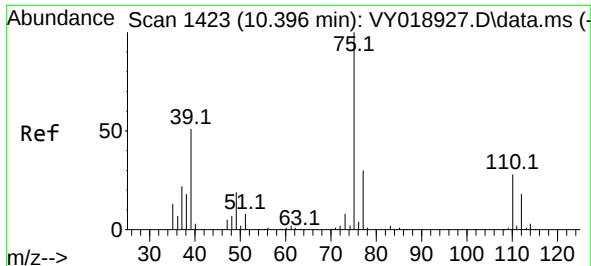
Tgt Ion: 43 Resp: 29957
Ion Ratio Lower Upper
43 100
58 34.8 35.7 53.5#



#52
Toluene
Concen: 19.794 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 92 Resp: 25945
Ion Ratio Lower Upper
92 100
91 172.8 139.0 208.6

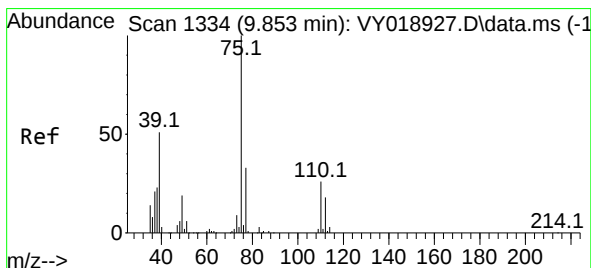
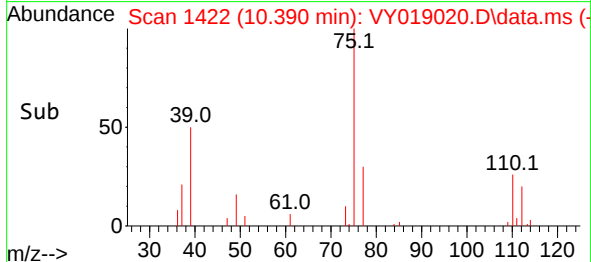
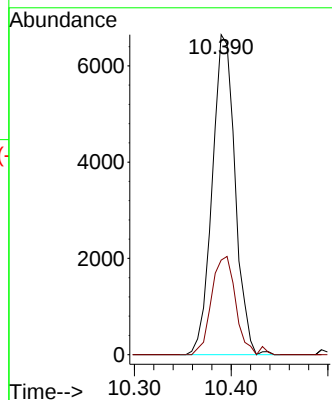
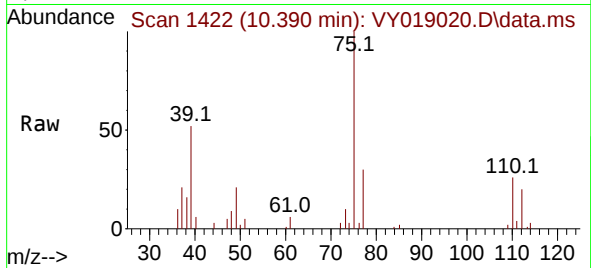




#53
t-1,3-Dichloropropene
Concen: 18.327 ug/l
RT: 10.390 min Scan# 1423
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

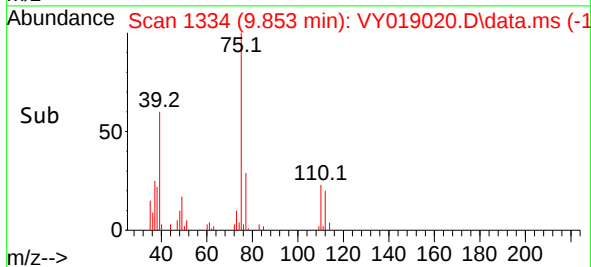
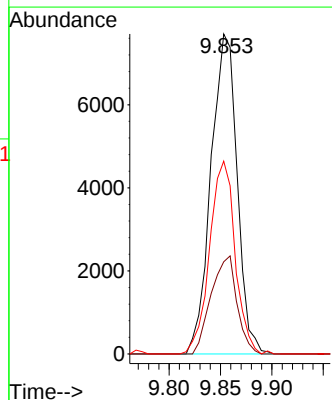
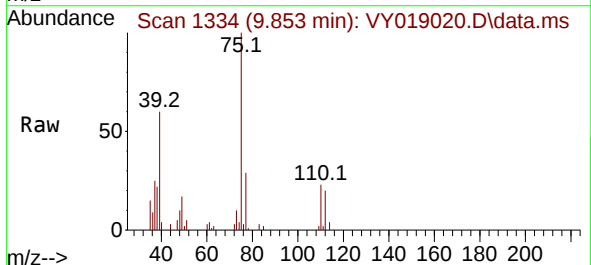
Instrument :
MSVOA_Y
ClientSampleId :

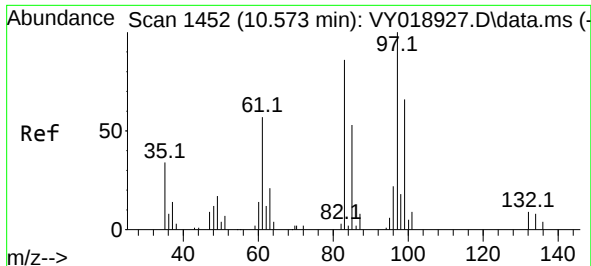
Tgt Ion: 75 Resp: 10911
Ion Ratio Lower Upper
75 100
77 29.5 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.266 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

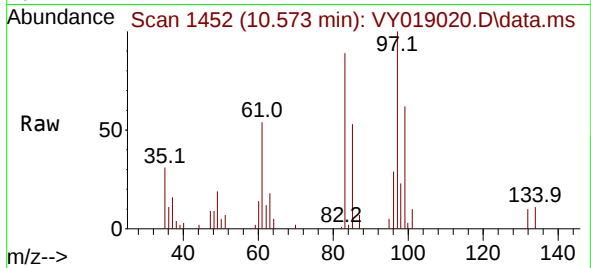
Tgt Ion: 75 Resp: 13625
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0
39 60.2 29.8 44.6#



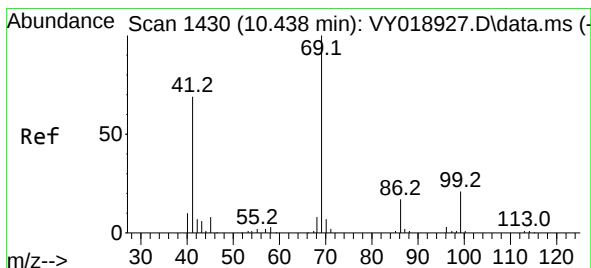
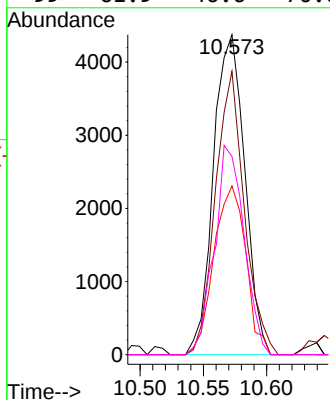
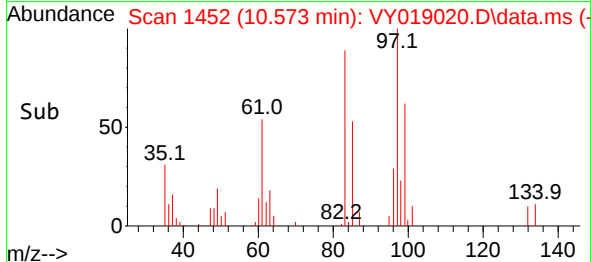


#55
1,1,2-Trichloroethane
Concen: 21.504 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

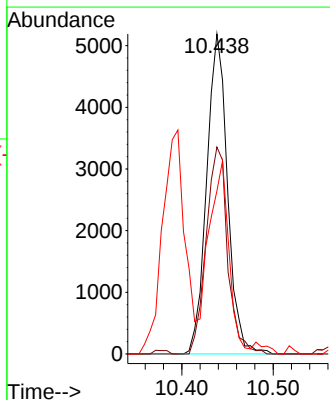
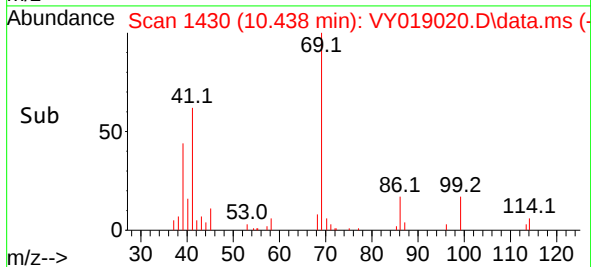
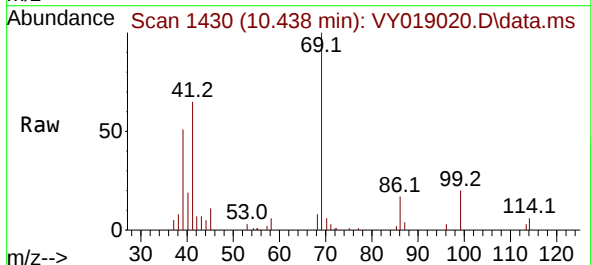


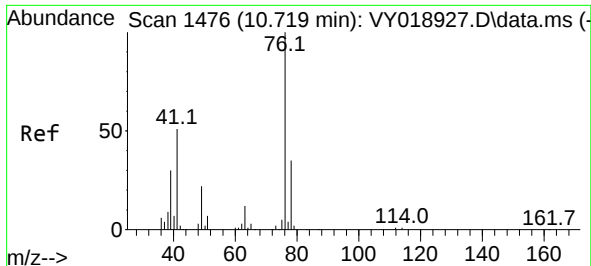
Tgt Ion:	97	Resp:	7534
Ion	Ratio	Lower	Upper
97	100		
83	88.6	67.5	101.3
85	52.8	42.9	64.3
99	61.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 17.307 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion:	69	Resp:	8210
Ion	Ratio	Lower	Upper
69	100		
41	66.6	42.3	63.5#
39	59.4	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 20.766 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

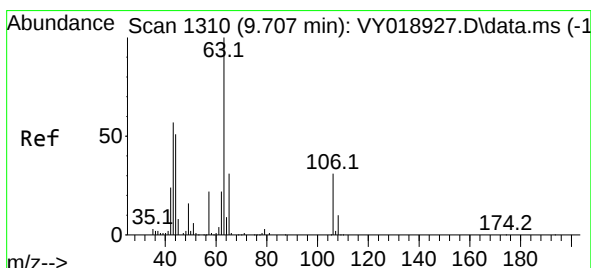
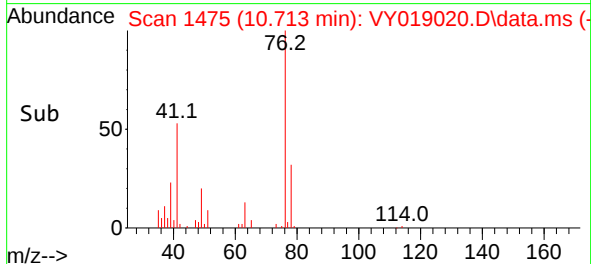
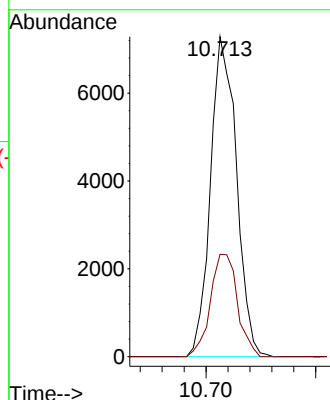
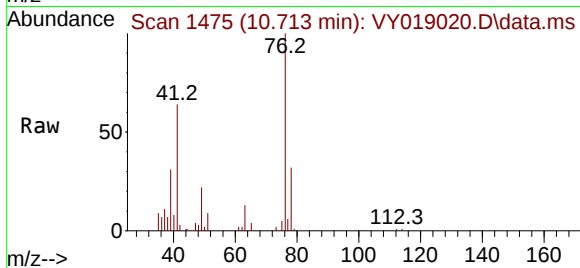
ClientSampleId :

Tgt Ion: 76 Resp: 11979

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 90.793 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. -0.000 min

Lab File: VY019020.D

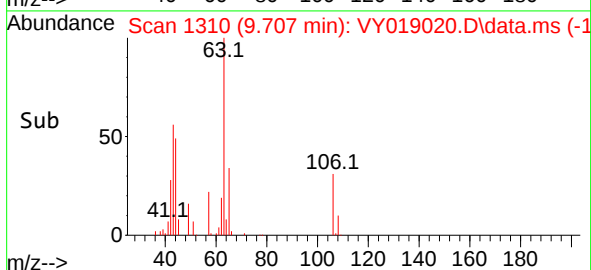
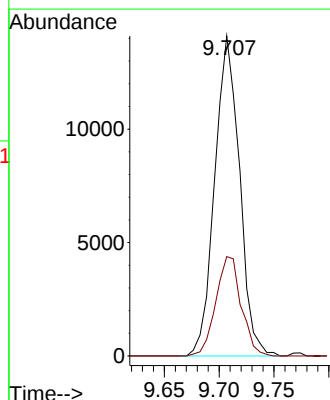
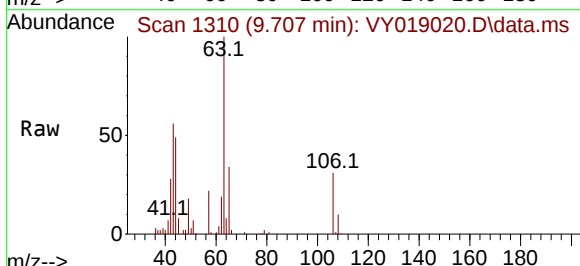
Acq: 13 Aug 2024 11:19

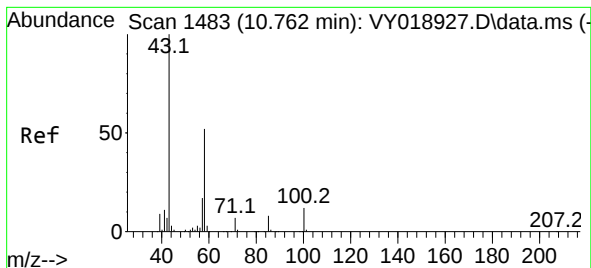
Tgt Ion: 63 Resp: 22204

Ion Ratio Lower Upper

63 100

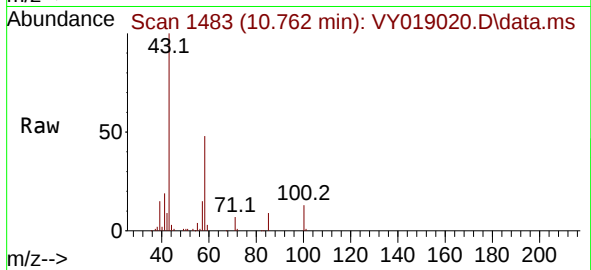
106 31.8 23.7 35.5



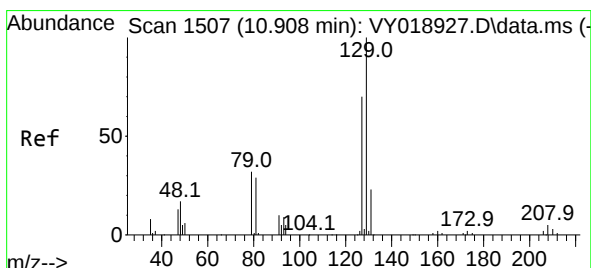
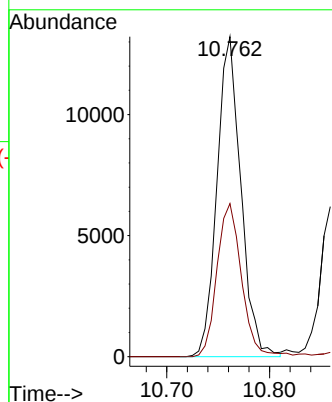
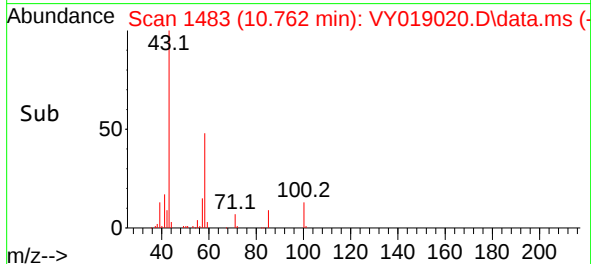


#59
2-Hexanone
Concen: 93.376 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Instrument :
MSVOA_Y
ClientSampleId :

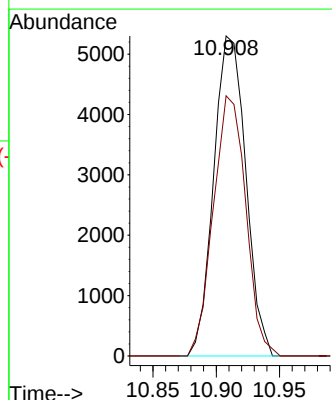
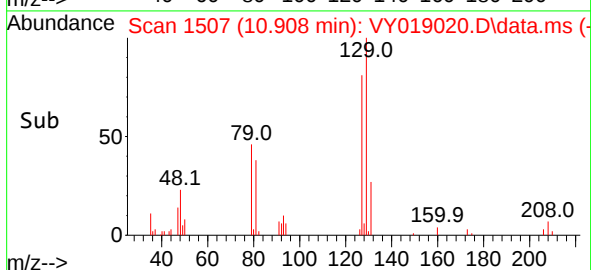
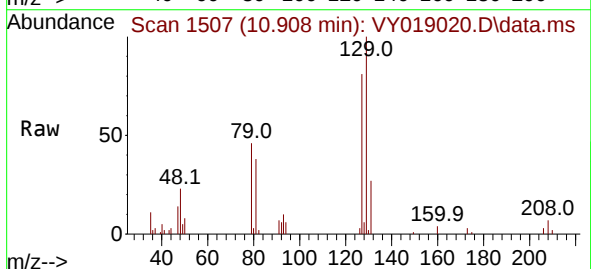


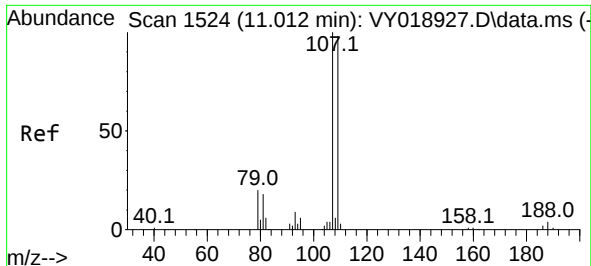
Tgt Ion: 43 Resp: 21311
Ion Ratio Lower Upper
43 100
58 49.2 31.4 94.0



#60
Dibromochloromethane
Concen: 19.927 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 129 Resp: 9360
Ion Ratio Lower Upper
129 100
127 82.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.847 ug/l

RT: 11.011 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

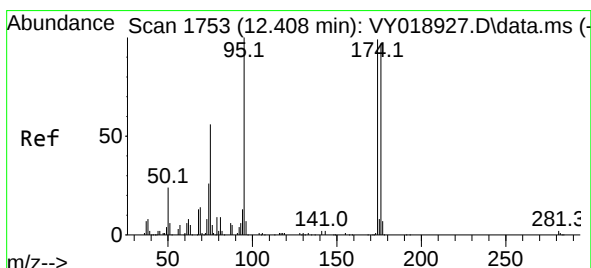
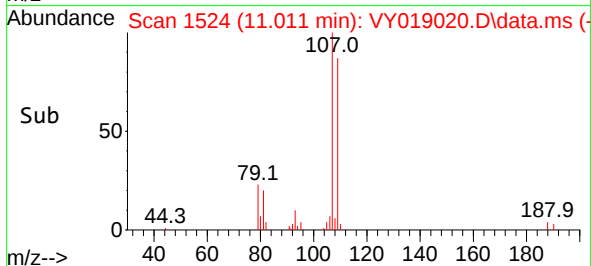
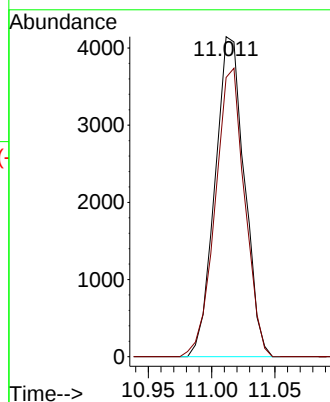
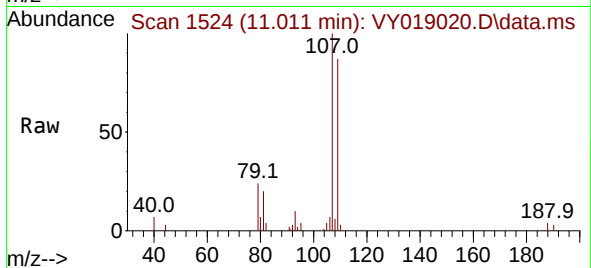
ClientSampleId :

Tgt Ion:107 Resp: 6714

Ion Ratio Lower Upper

107 100

109 90.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.043 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

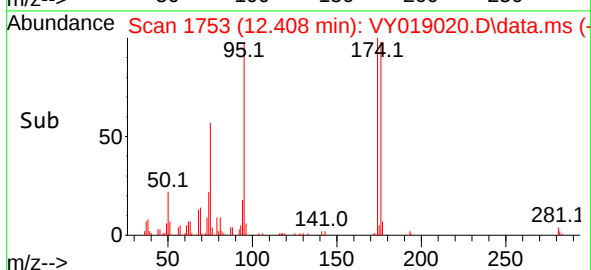
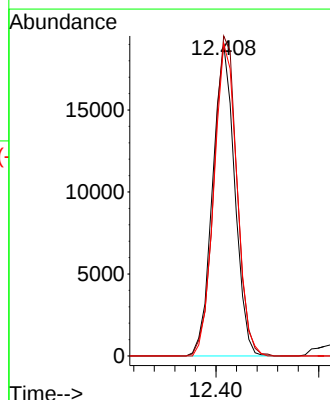
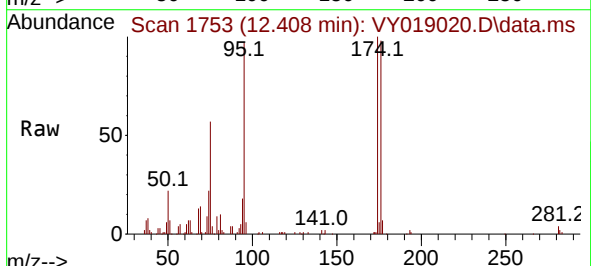
Tgt Ion: 95 Resp: 28194

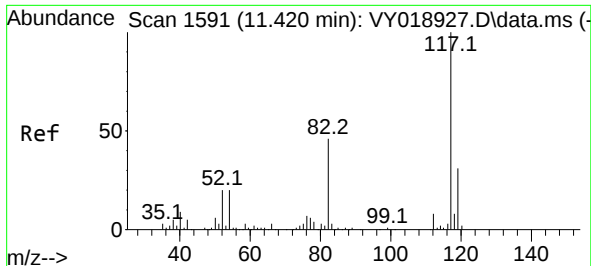
Ion Ratio Lower Upper

95 100

174 107.3 0.0 175.6

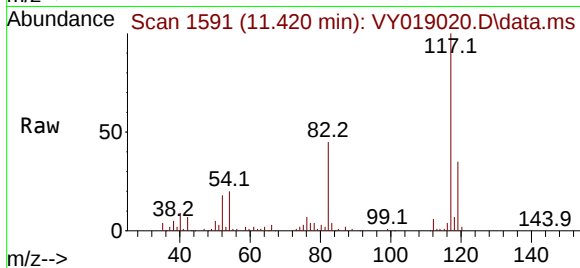
176 104.0 0.0 171.4



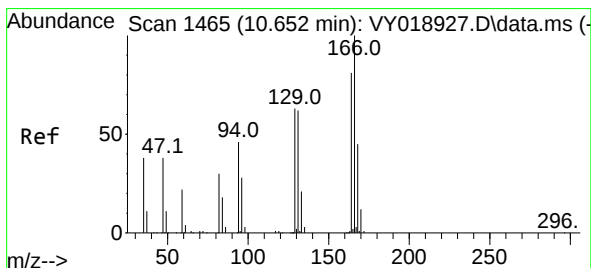
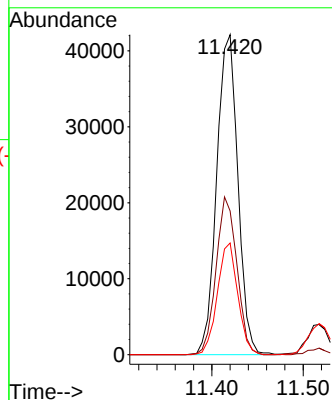
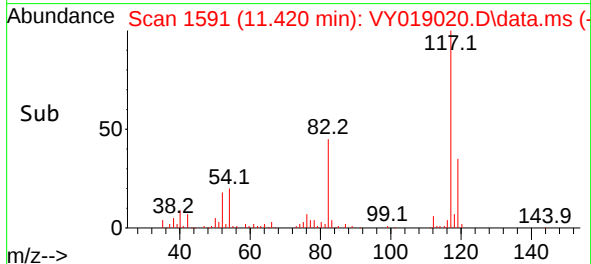


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

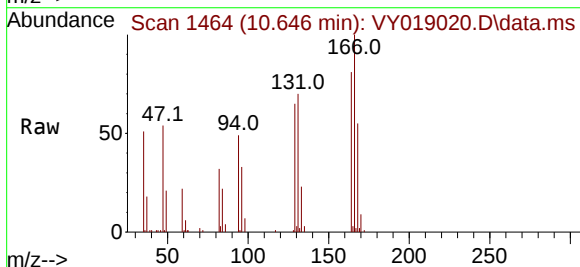
Instrument :
MSVOA_Y
ClientSampleId :



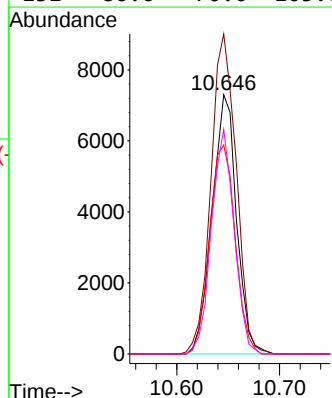
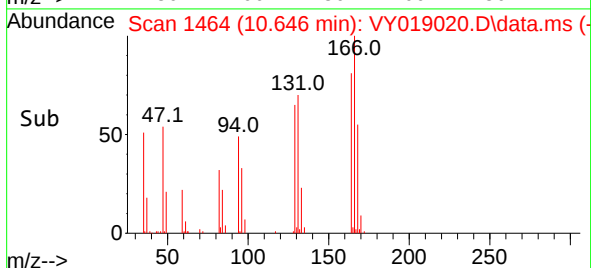
Tgt Ion:117 Resp: 67855
Ion Ratio Lower Upper
117 100
82 44.9 42.4 63.6
119 34.9 25.9 38.9

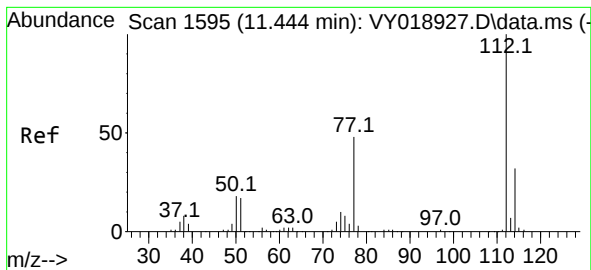


#64
Tetrachloroethene
Concen: 21.241 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19



Tgt Ion:164 Resp: 12082
Ion Ratio Lower Upper
164 100
166 123.4 102.6 154.0
129 80.6 72.0 108.0
131 86.6 70.0 105.0

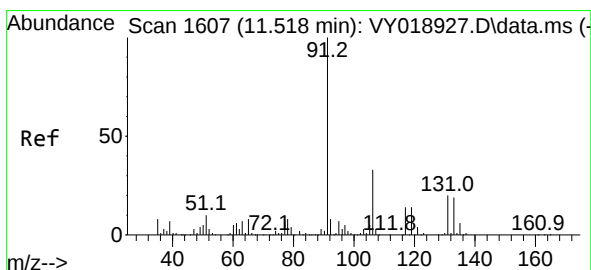
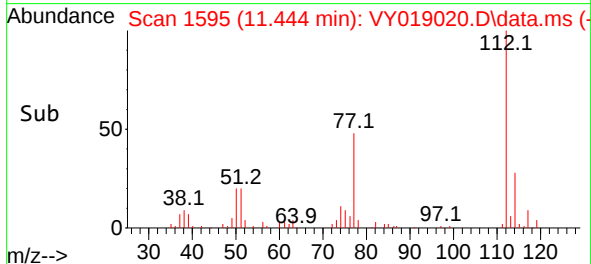
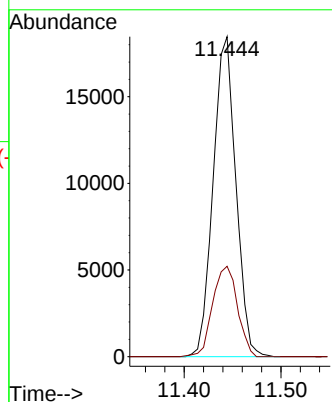
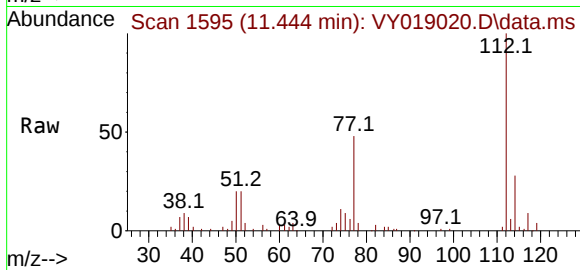




#65
Chlorobenzene
Concen: 20.197 ug/l
RT: 11.444 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

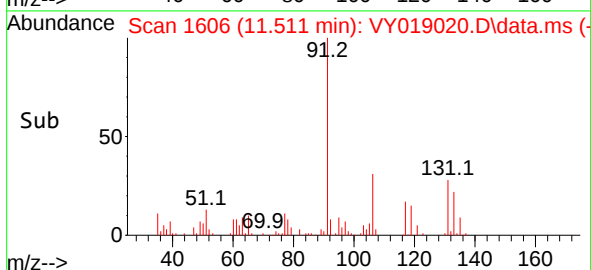
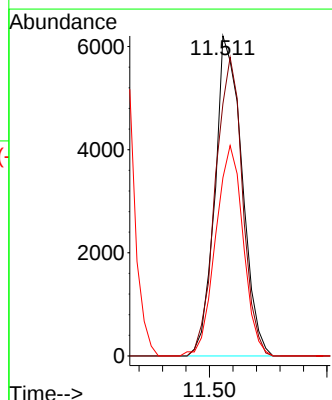
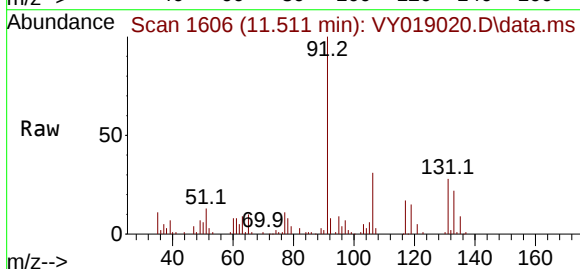
Instrument :
MSVOA_Y
ClientSampleId :

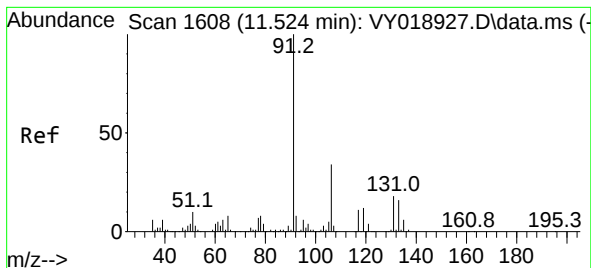
Tgt Ion:112 Resp: 30090
Ion Ratio Lower Upper
112 100
114 28.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.063 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion:131 Resp: 9934
Ion Ratio Lower Upper
131 100
133 93.4 47.8 143.3
119 67.2 34.1 102.2





#67

Ethyl Benzene

Concen: 18.728 ug/l

RT: 11.517 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

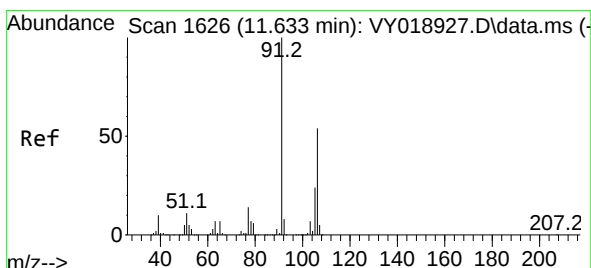
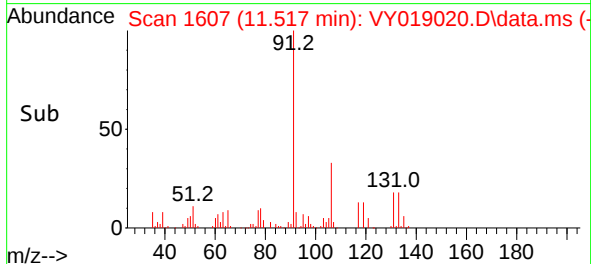
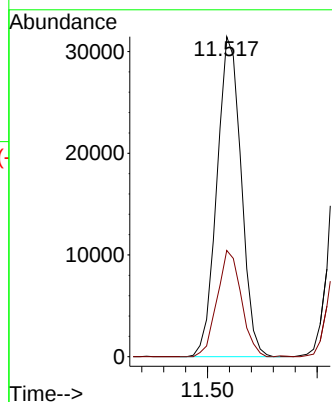
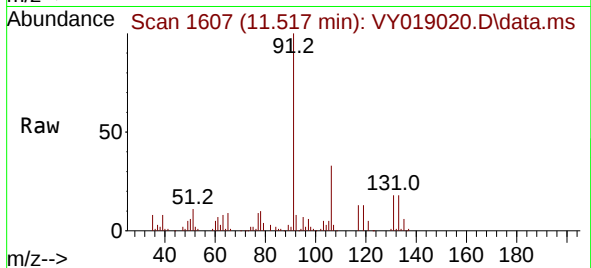
ClientSampleId :

Tgt Ion: 91 Resp: 48306

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 37.534 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY019020.D

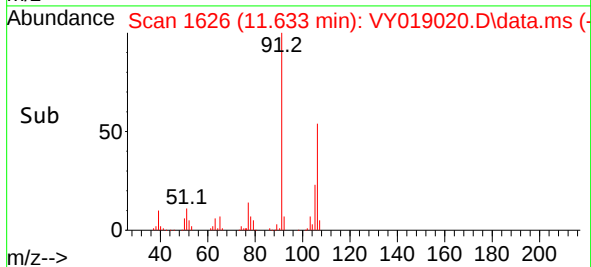
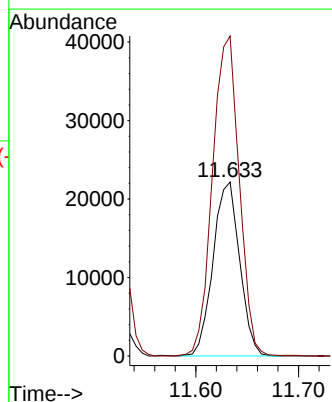
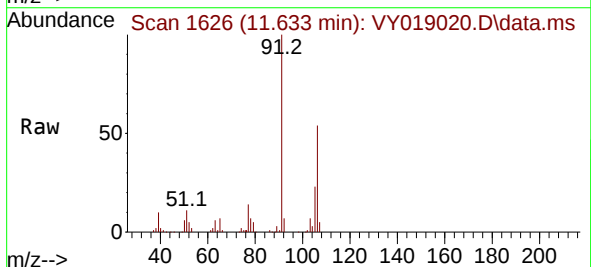
Acq: 13 Aug 2024 11:19

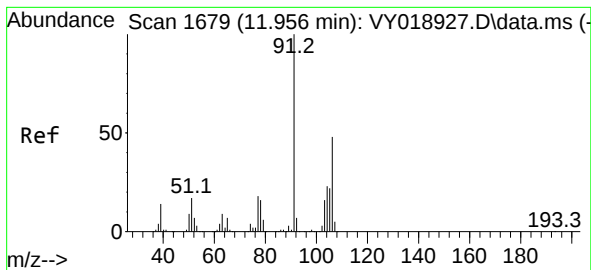
Tgt Ion:106 Resp: 39700

Ion Ratio Lower Upper

106 100

91 185.4 156.0 234.0





#69

o-Xylene

Concen: 18.849 ug/l

RT: 11.956 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

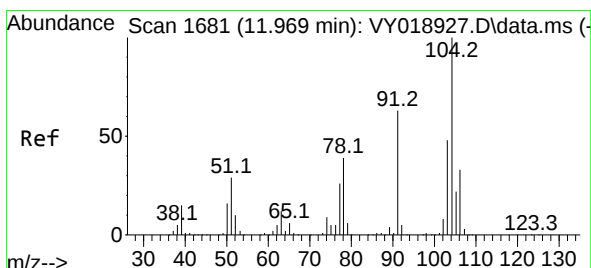
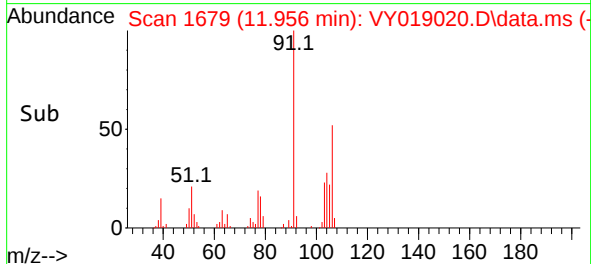
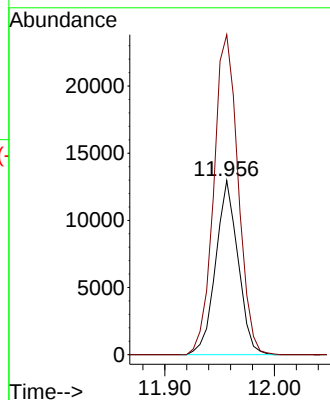
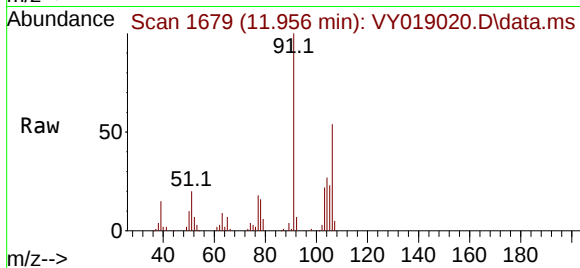
ClientSampleId :

Tgt Ion:106 Resp: 18400

Ion Ratio Lower Upper

106 100

91 199.8 103.6 310.8



#70

Styrene

Concen: 19.106 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

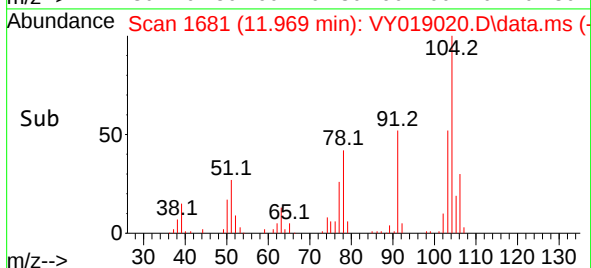
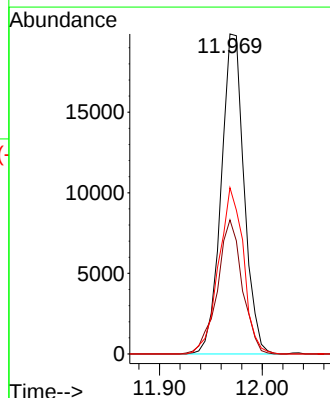
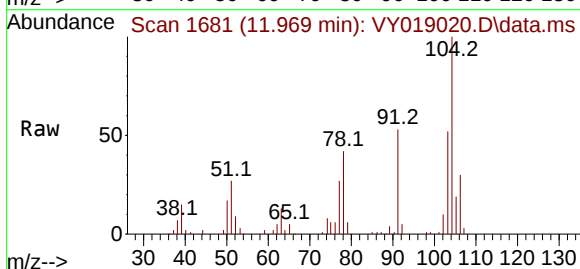
Tgt Ion:104 Resp: 30721

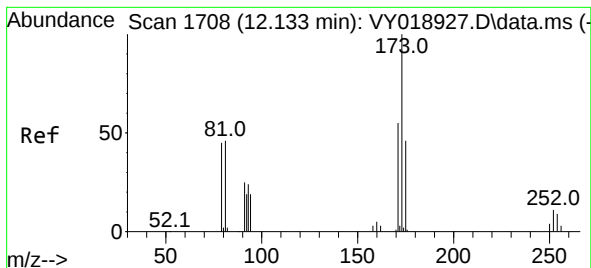
Ion Ratio Lower Upper

104 100

78 45.5 37.0 55.4

103 56.2 44.2 66.2





#71

Bromoform

Concen: 20.366 ug/l

RT: 12.133 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

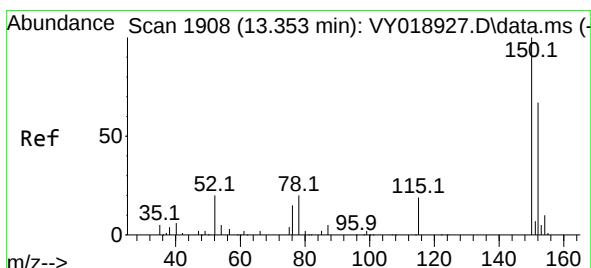
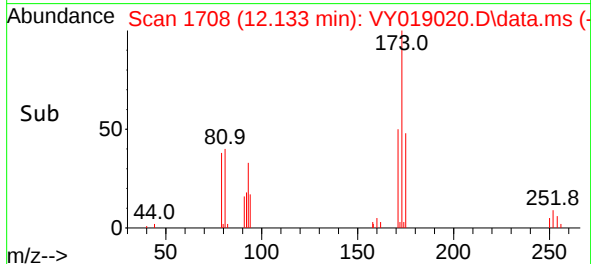
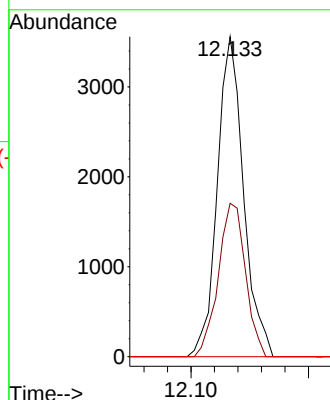
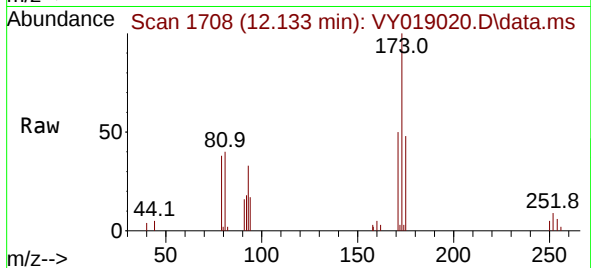
Tgt Ion:173 Resp: 5519

Ion Ratio Lower Upper

173 100

175 49.6 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. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

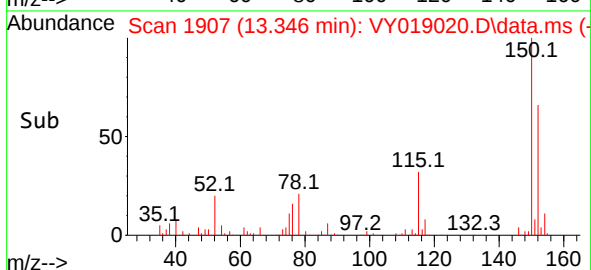
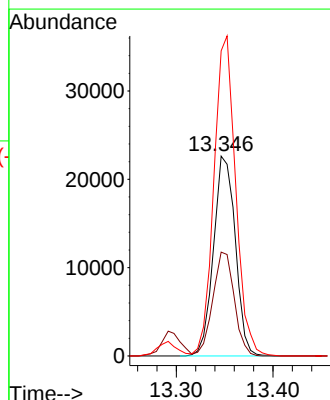
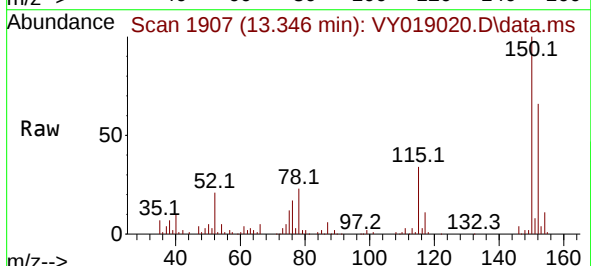
Tgt Ion:152 Resp: 35380

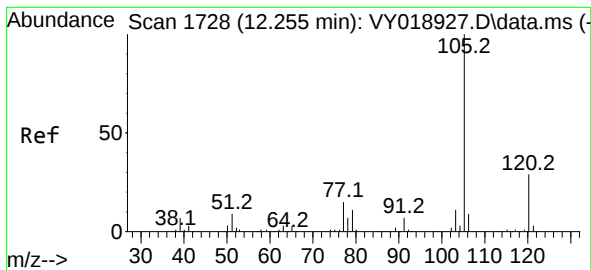
Ion Ratio Lower Upper

152 100

115 51.2 28.2 84.7

150 159.7 0.0 345.6





#73

Isopropylbenzene

Concen: 18.722 ug/l

RT: 12.255 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

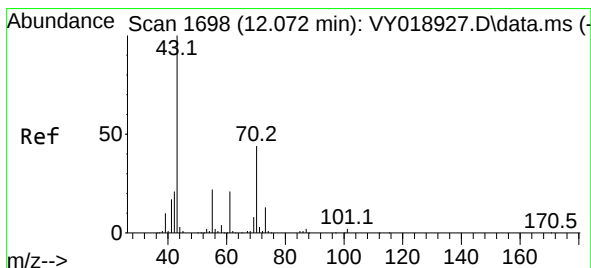
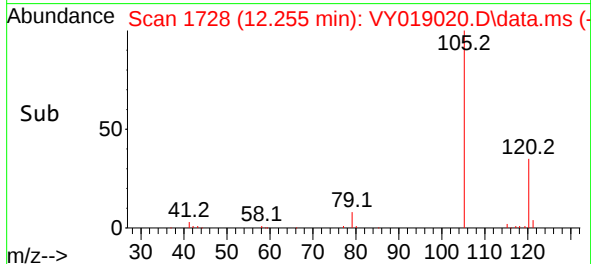
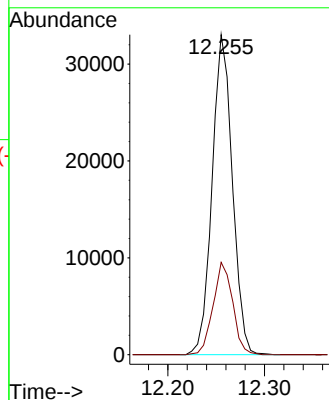
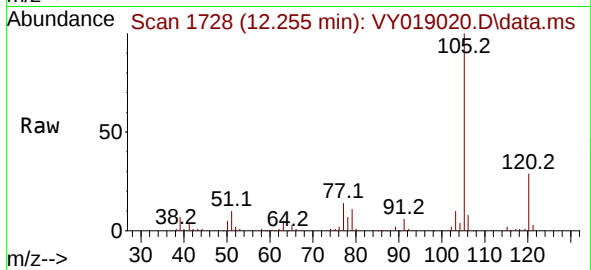
ClientSampleId :

Tgt Ion:105 Resp: 48080

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 17.613 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Tgt Ion: 43 Resp: 10438

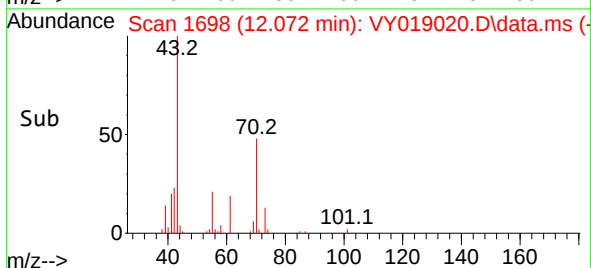
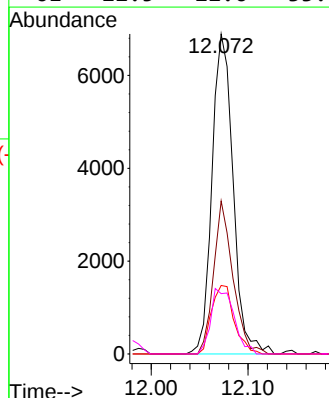
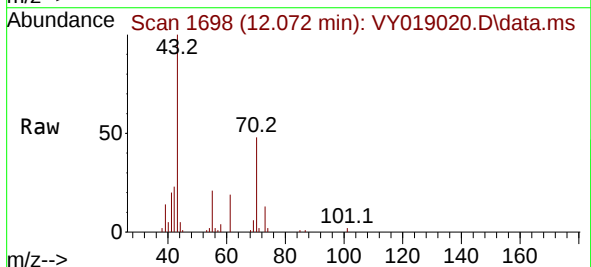
Ion Ratio Lower Upper

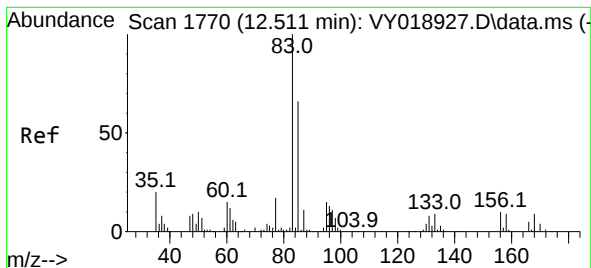
43 100

70 43.9 41.4 62.2

55 23.1 23.3 34.9#

61 22.5 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 19.607 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

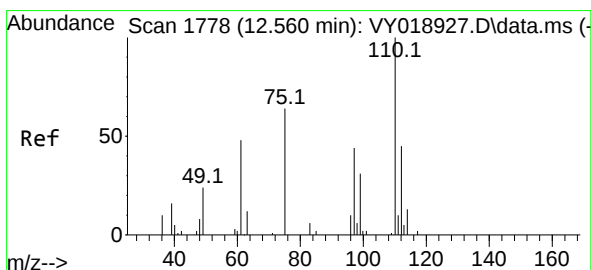
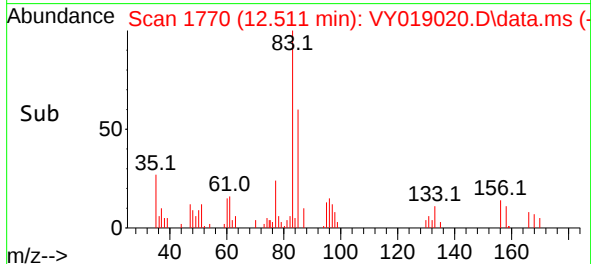
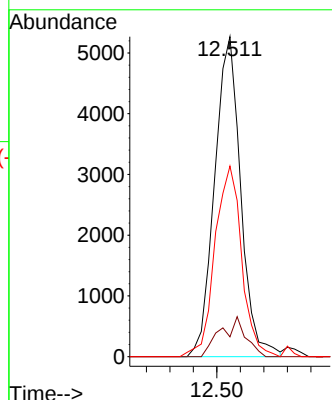
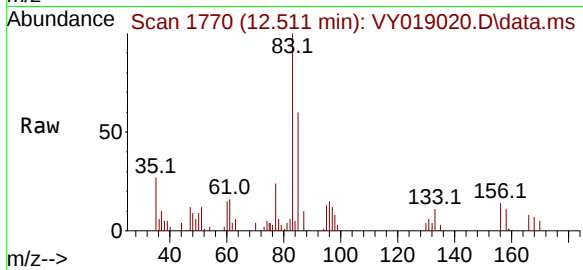
Tgt Ion: 83 Resp: 8126

Ion Ratio Lower Upper

83 100

131 12.0 5.0 14.9

85 61.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 36.589 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VY019020.D

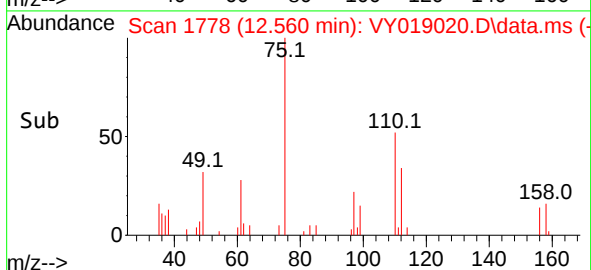
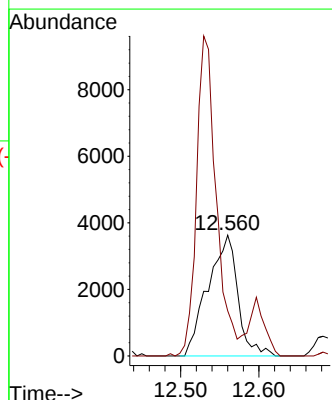
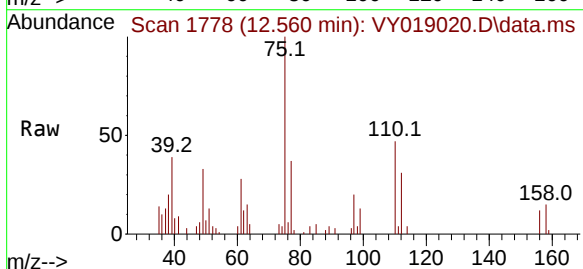
Acq: 13 Aug 2024 11:19

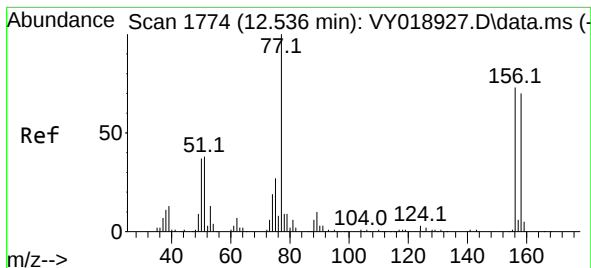
Tgt Ion: 75 Resp: 9644

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.799 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

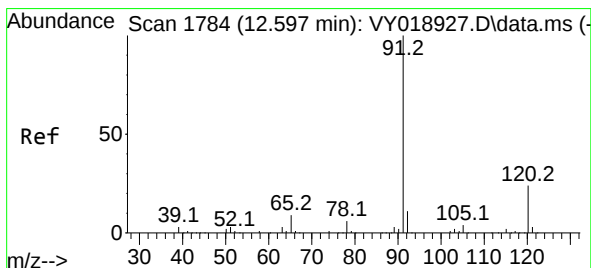
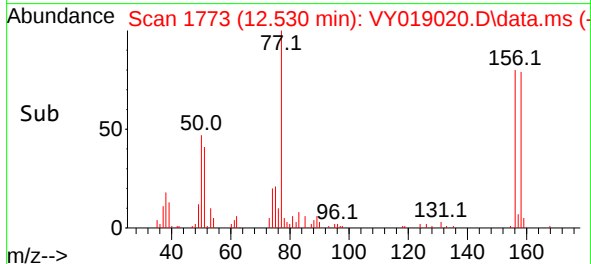
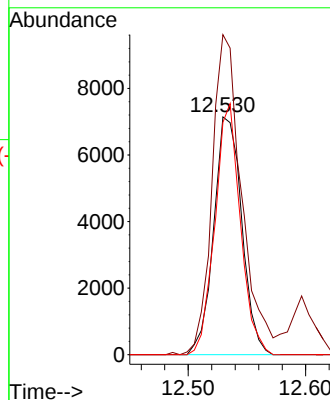
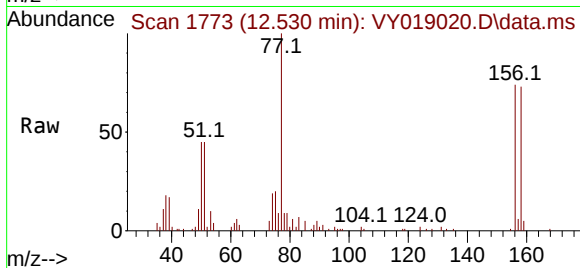
Tgt Ion:156 Resp: 11845

Ion Ratio Lower Upper

156 100

77 141.6 87.1 261.3

158 96.0 48.6 145.9



#78

n-propylbenzene

Concen: 18.661 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VY019020.D

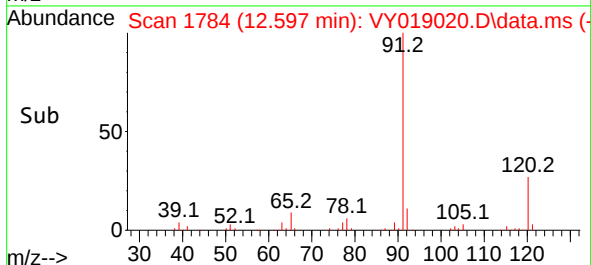
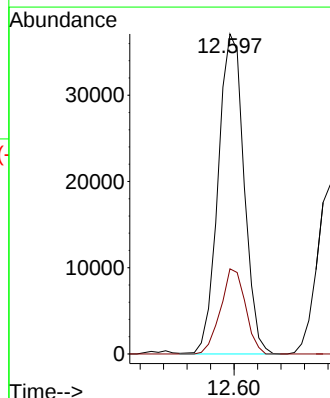
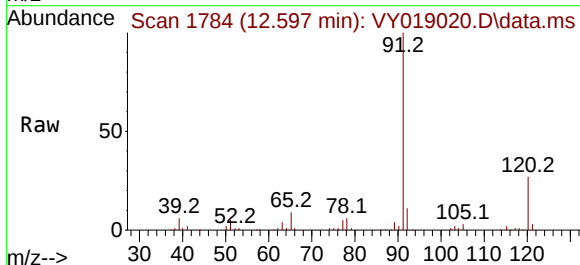
Acq: 13 Aug 2024 11:19

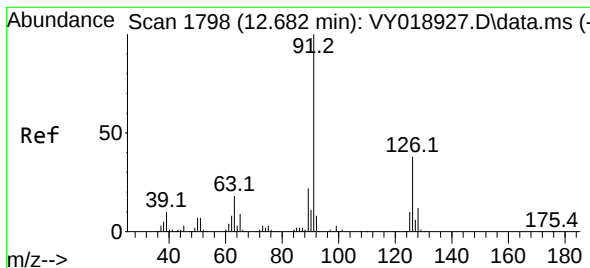
Tgt Ion: 91 Resp: 56721

Ion Ratio Lower Upper

91 100

120 25.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.280 ug/l

RT: 12.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

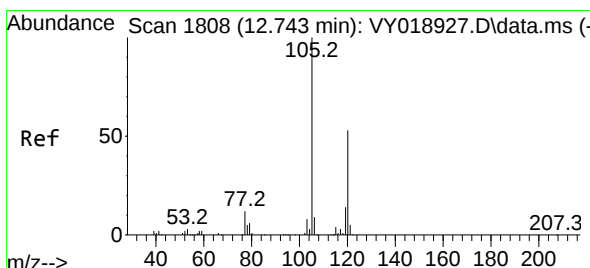
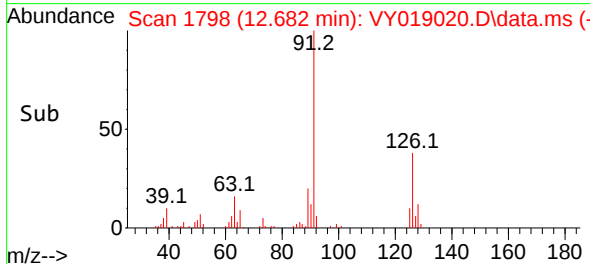
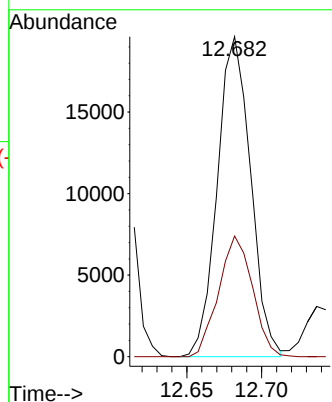
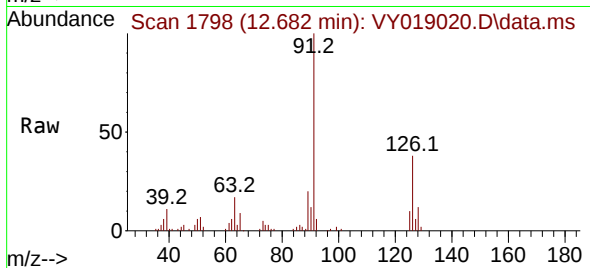
ClientSampleId :

Tgt Ion: 91 Resp: 30340

Ion Ratio Lower Upper

91 100

126 38.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 18.681 ug/l

RT: 12.743 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VY019020.D

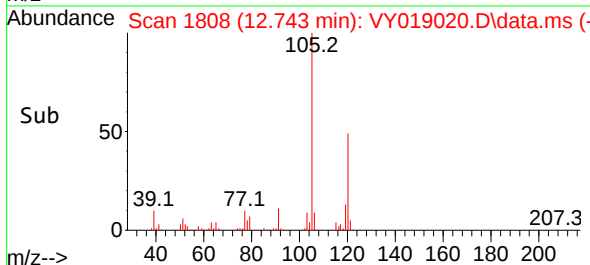
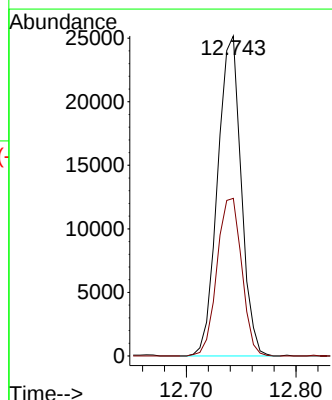
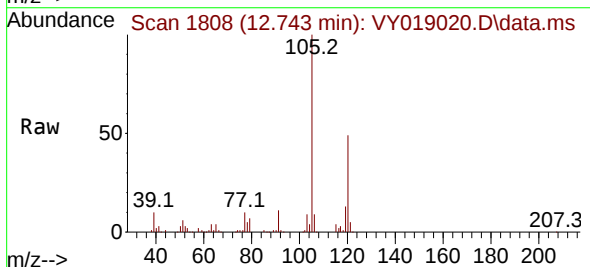
Acq: 13 Aug 2024 11:19

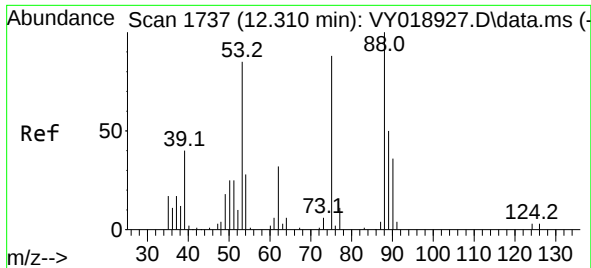
Tgt Ion: 105 Resp: 37596

Ion Ratio Lower Upper

105 100

120 51.6 25.1 75.2

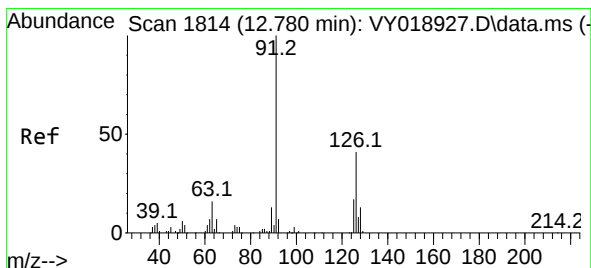
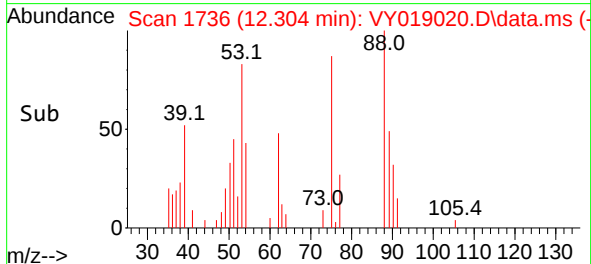
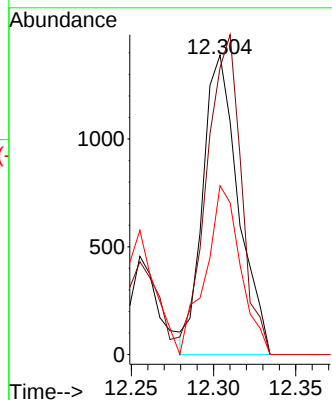
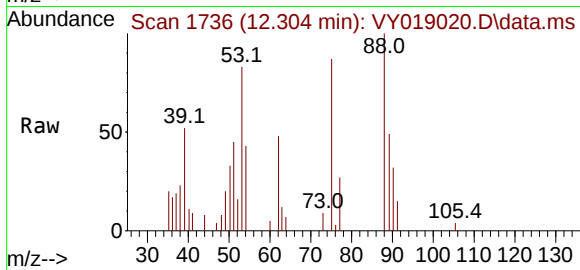




#81
trans-1,4-Dichloro-2-butene
Concen: 16.238 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

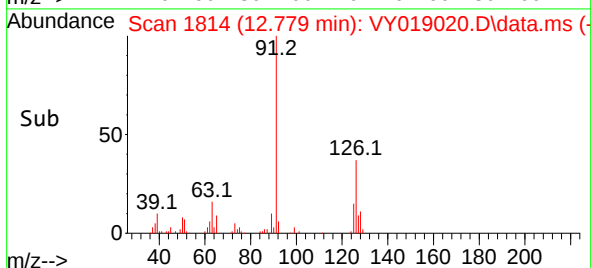
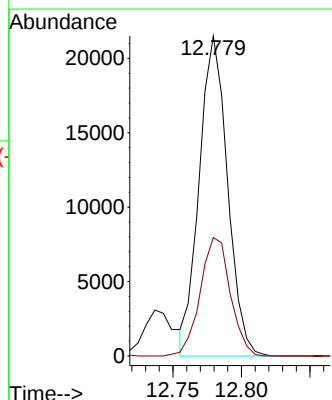
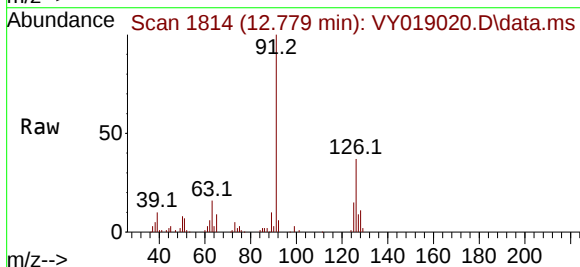
Instrument :
MSVOA_Y
ClientSampleId :

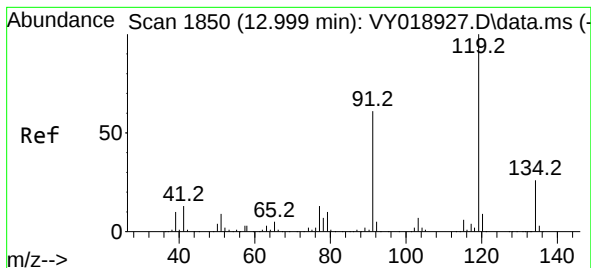
Tgt Ion: 75 Resp: 2077
Ion Ratio Lower Upper
75 100
53 104.9 66.8 100.2#
89 55.6 35.8 53.6#



#82
4-Chlorotoluene
Concen: 19.130 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion: 91 Resp: 30821
Ion Ratio Lower Upper
91 100
126 39.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 18.893 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. -0.000 min

Lab File: VY019020.D

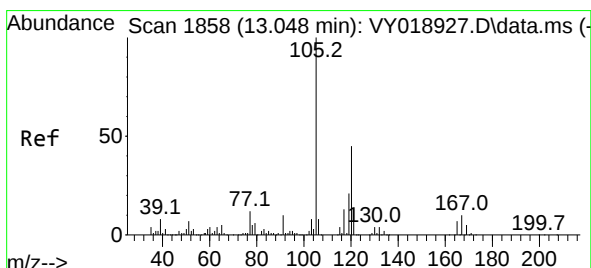
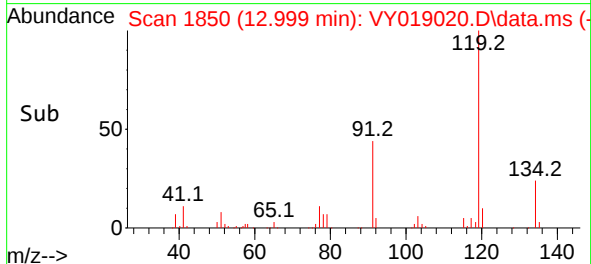
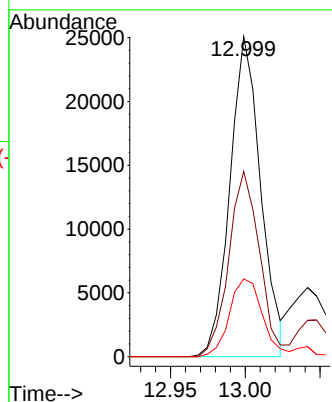
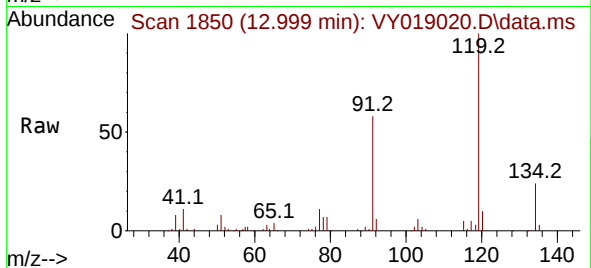
Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	35915
Ion Ratio	Lower	Upper
119	100	
91	58.4	31.3 93.8
134	26.1	13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 18.033 ug/l

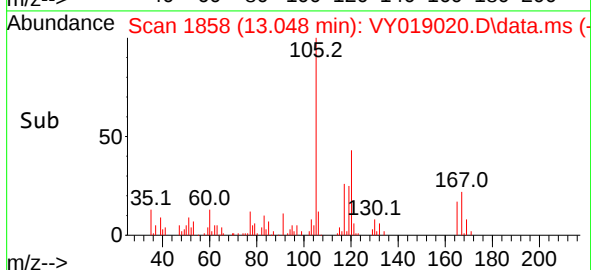
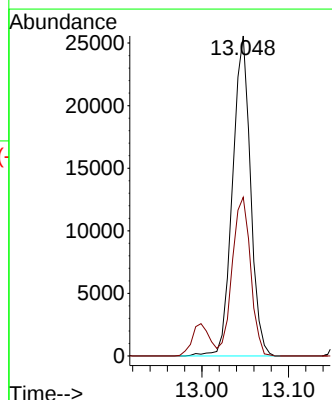
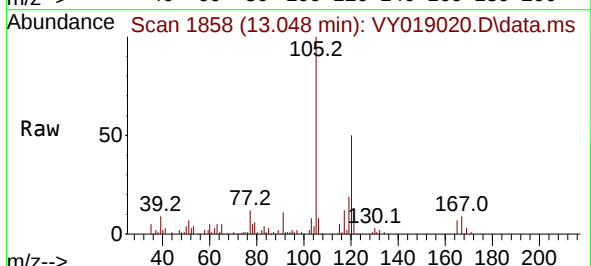
RT: 13.048 min Scan# 1858

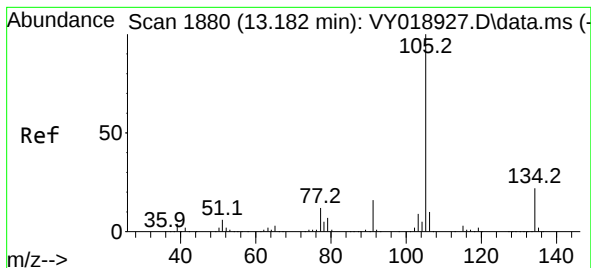
Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Tgt Ion:105	Resp:	36817
Ion Ratio	Lower	Upper
105	100	
120	50.7	23.2 69.6





#85

sec-Butylbenzene

Concen: 18.524 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

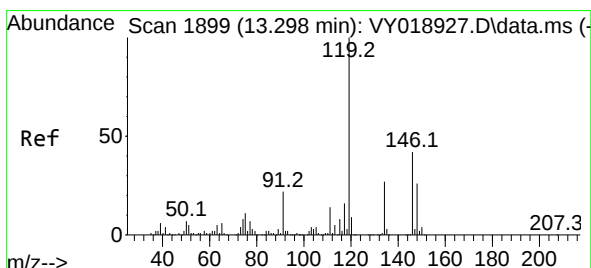
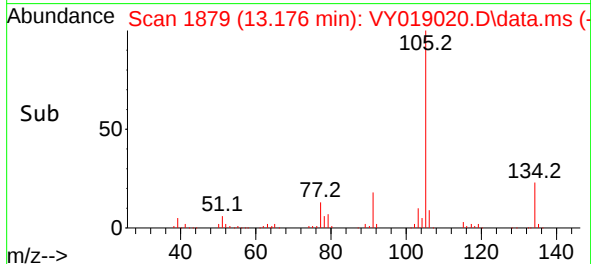
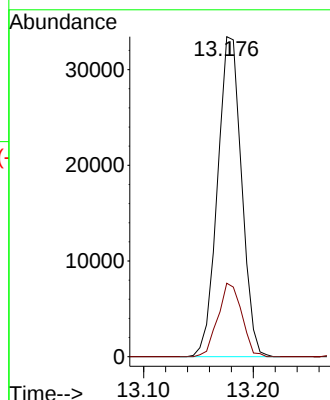
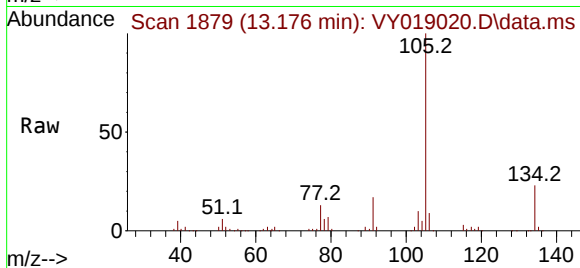
ClientSampleId :

Tgt Ion:105 Resp: 51007

Ion Ratio Lower Upper

105 100

134 22.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 18.329 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

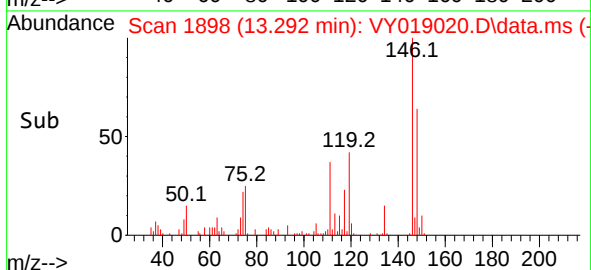
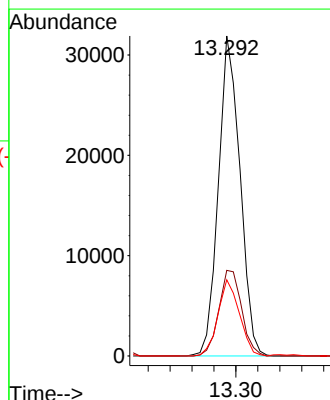
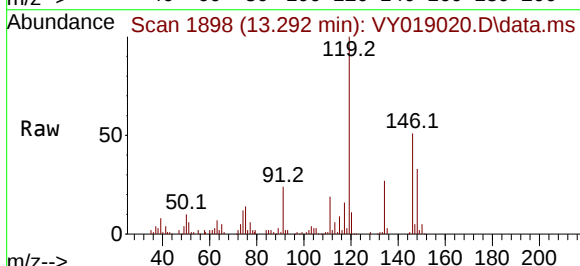
Tgt Ion:119 Resp: 43702

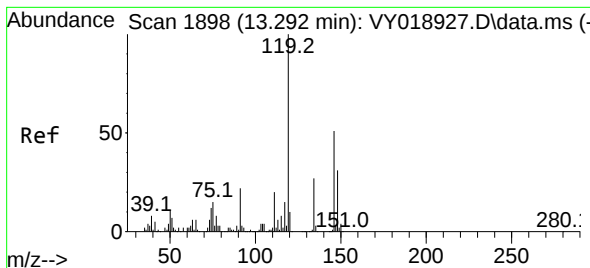
Ion Ratio Lower Upper

119 100

134 28.2 13.1 39.3

91 23.5 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.418 ug/l

RT: 13.292 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

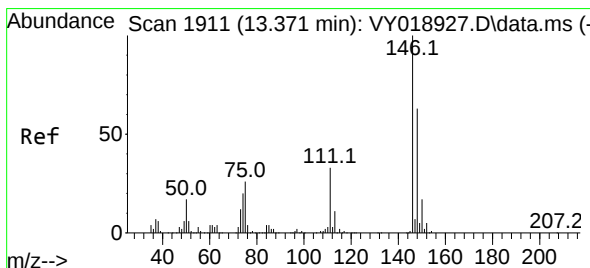
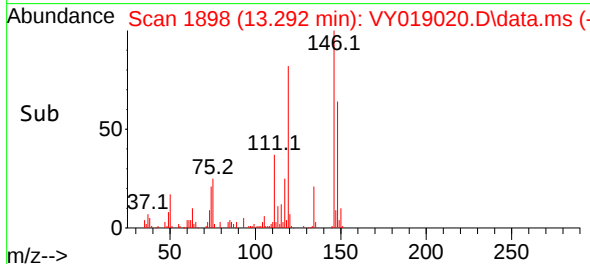
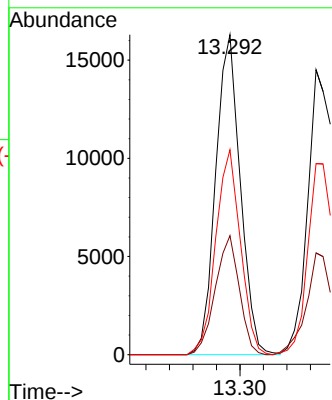
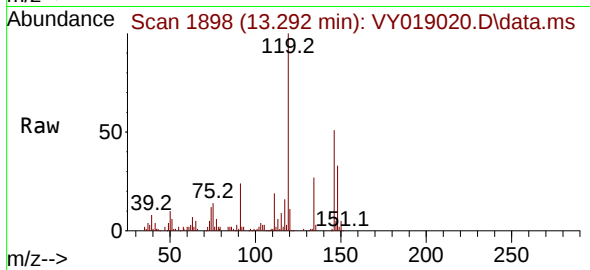
Tgt Ion:146 Resp: 23730

Ion Ratio Lower Upper

146 100

111 36.3 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.033 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

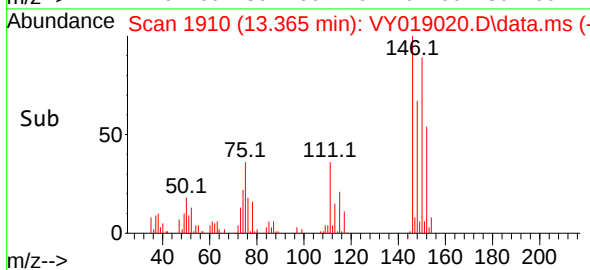
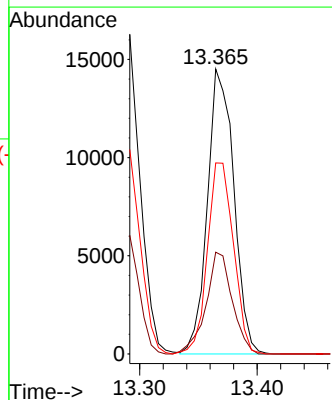
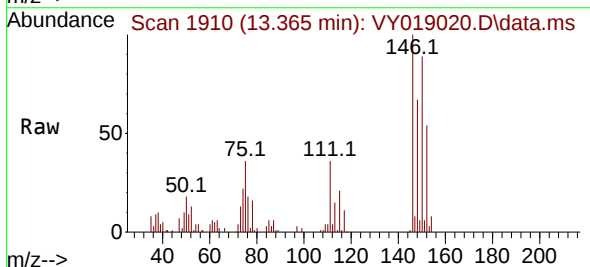
Tgt Ion:146 Resp: 22684

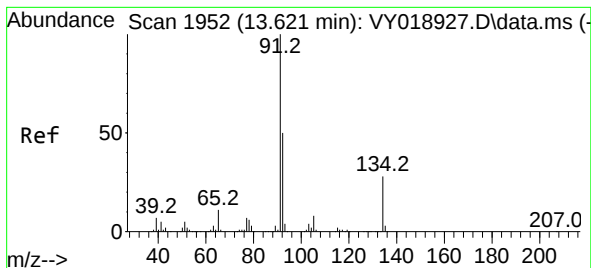
Ion Ratio Lower Upper

146 100

111 35.5 18.4 55.4

148 66.3 32.4 97.2





#89

n-Butylbenzene

Concen: 18.052 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VY019020.D

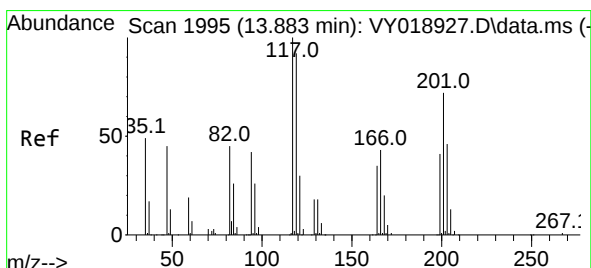
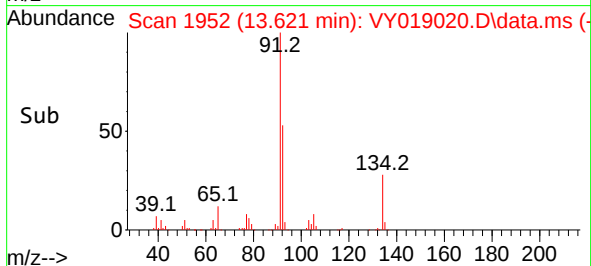
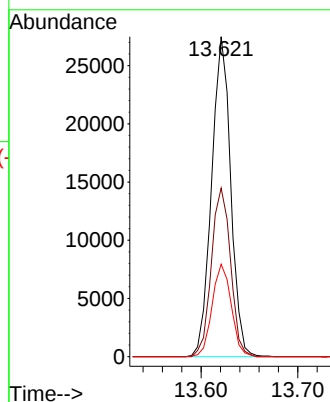
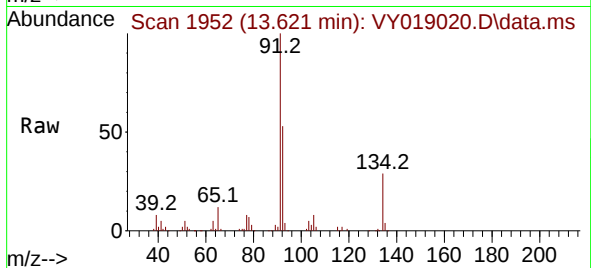
Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp: 37779
Ion Ratio	Lower Upper
91	100
92	52.8 26.6 79.7
134	28.8 12.9 38.7



#90

Hexachloroethane

Concen: 19.222 ug/l

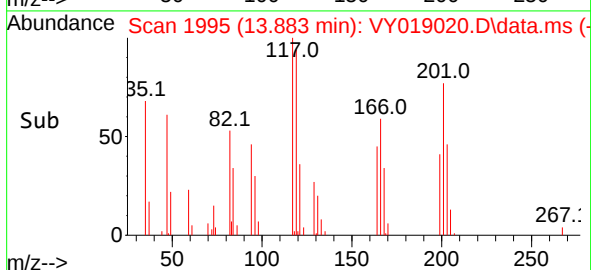
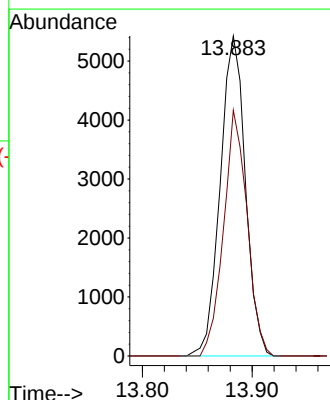
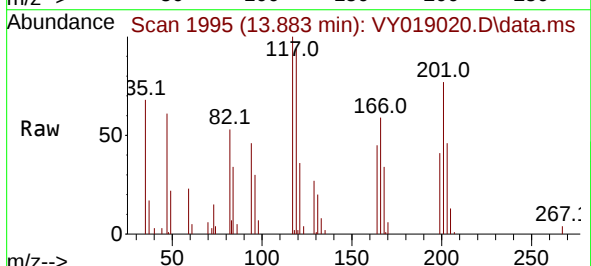
RT: 13.883 min Scan# 1995

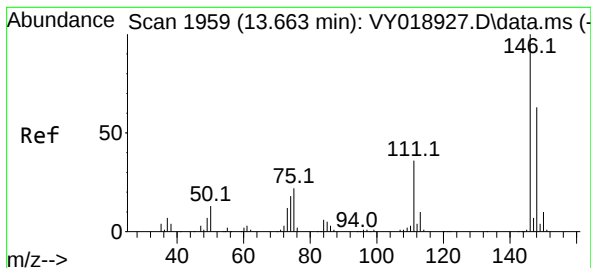
Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Tgt Ion: 117	Resp: 8648
Ion Ratio	Lower Upper
117	100
201	71.9 37.4 112.2

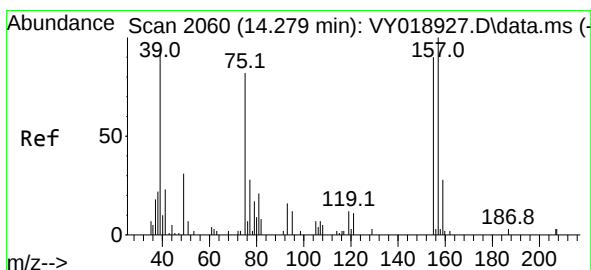
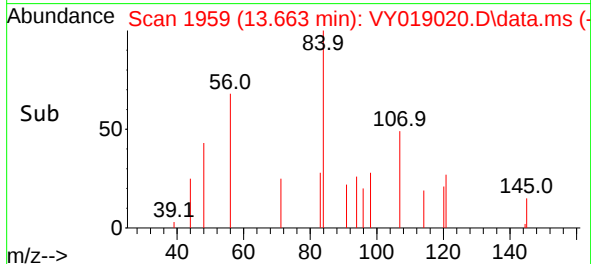
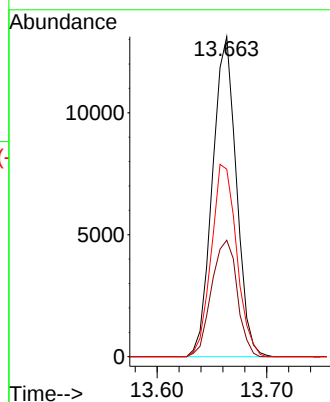
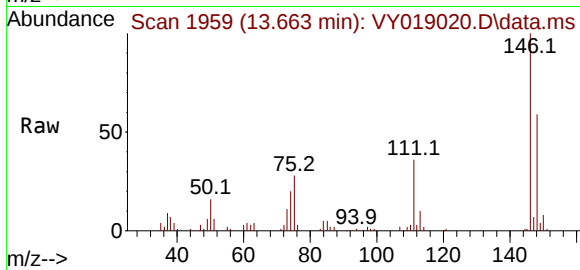




#91
1,2-Dichlorobenzene
Concen: 19.799 ug/l
RT: 13.663 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

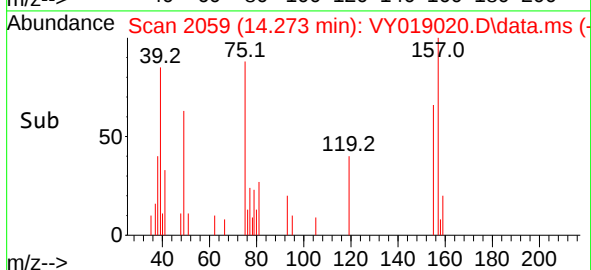
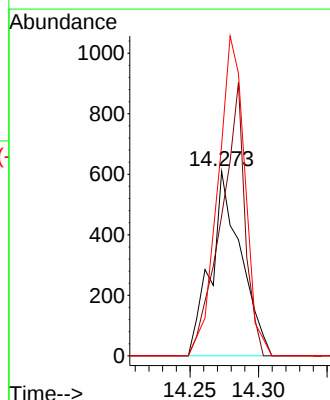
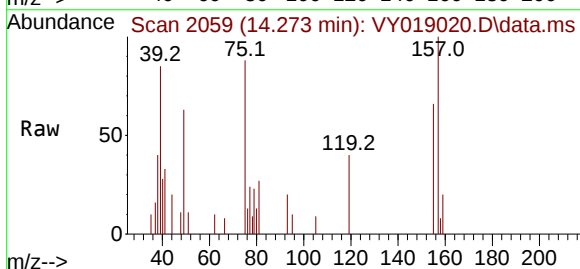
Instrument :
MSVOA_Y
ClientSampleId :

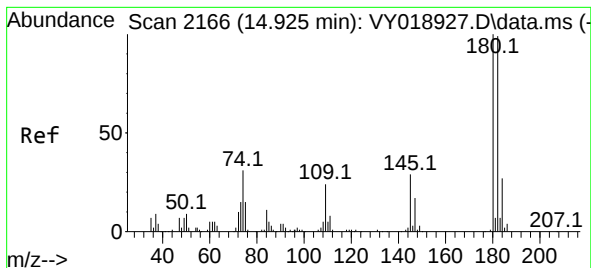
Tgt Ion:	146	Resp:	19894
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.9	59.7
148	63.7	31.8	95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.313 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. -0.006 min
Lab File: VY019020.D
Acq: 13 Aug 2024 11:19

Tgt Ion:	75	Resp:	930
Ion Ratio	Lower	Upper	
75	100		
155	117.8	48.6	145.8
157	155.8	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.787 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

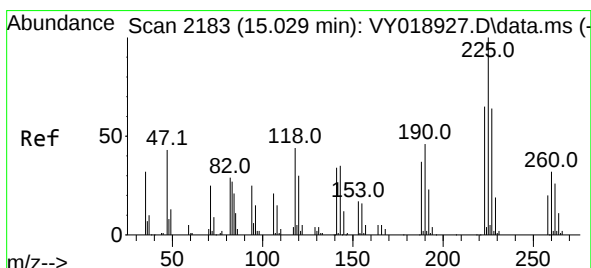
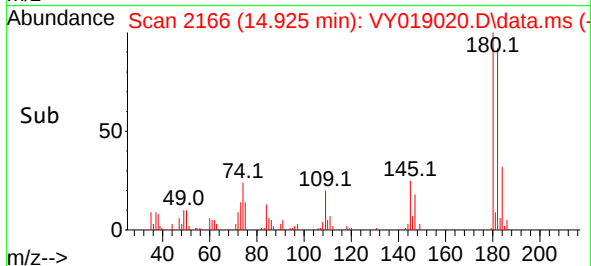
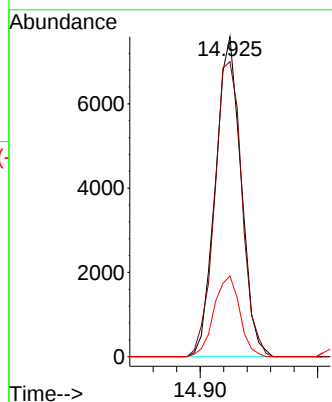
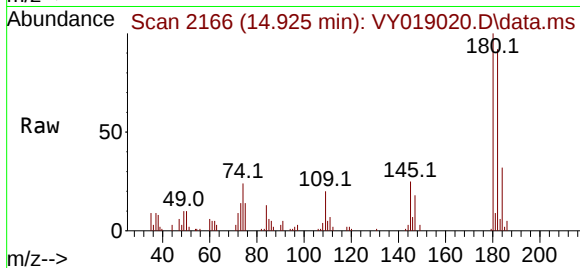
Tgt Ion:180 Resp: 11501

Ion Ratio Lower Upper

180 100

182 98.4 47.9 143.8

145 25.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.842 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

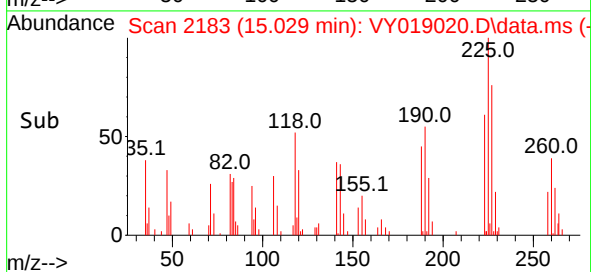
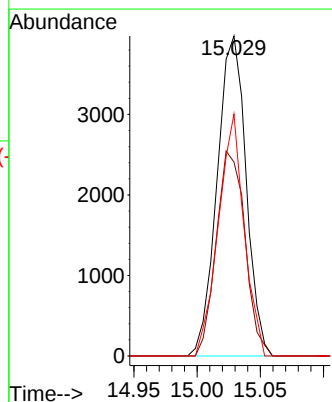
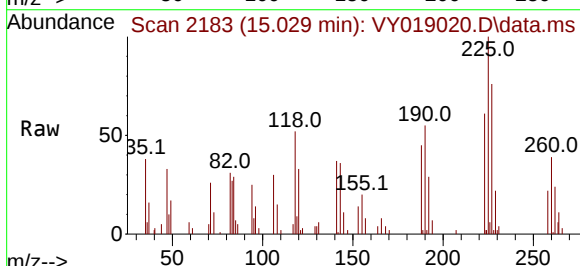
Tgt Ion:225 Resp: 6324

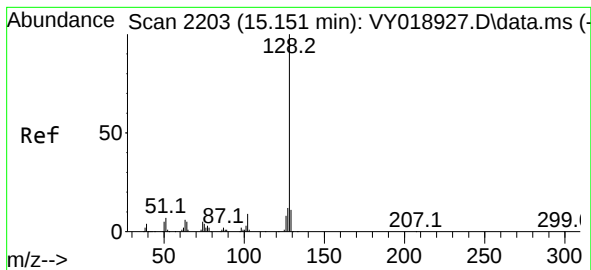
Ion Ratio Lower Upper

225 100

223 63.7 30.4 91.2

227 66.9 31.9 95.9





#95

Naphthalene

Concen: 17.258 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. -0.006 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Instrument :

MSVOA_Y

ClientSampleId :

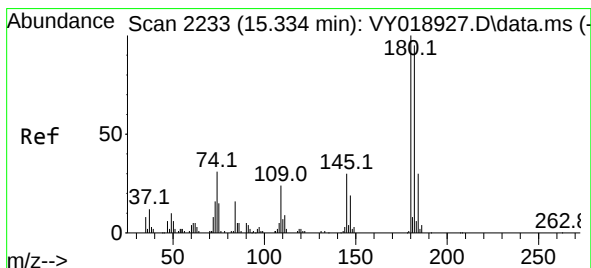
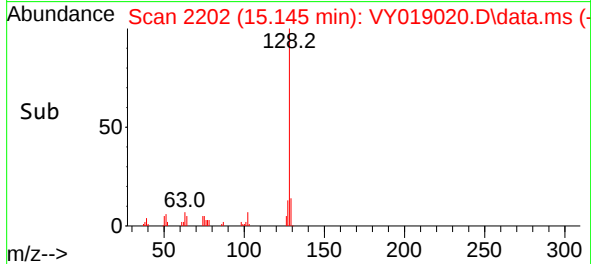
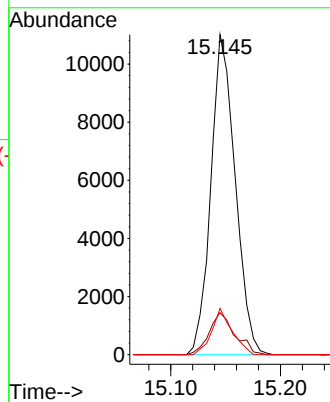
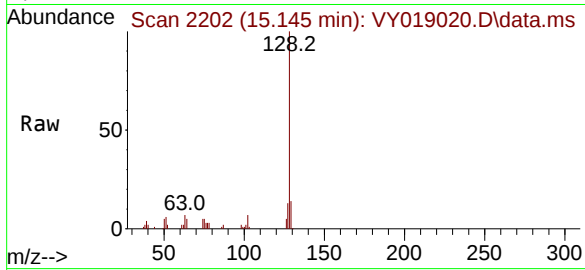
Tgt Ion:128 Resp: 16998

Ion Ratio Lower Upper

128 100

127 13.8 10.6 16.0

129 12.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.712 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY019020.D

Acq: 13 Aug 2024 11:19

Tgt Ion:180 Resp: 9836

Ion Ratio Lower Upper

180 100

182 91.1 47.6 142.9

145 28.2 15.4 46.1

