

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019132.D
 Acq On : 19 Aug 2024 21:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:51:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	111254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	184720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	165137	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	84286	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	59148	53.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.080%	
35) Dibromofluoromethane	7.622	113	61048	50.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.080%	
50) Toluene-d8	10.103	98	223946	51.523	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.408	95	76204	51.430	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.861	85	37608	46.074	ug/l	99
3) Chloromethane	2.062	50	73059	49.657	ug/l	99
4) Vinyl Chloride	2.196	62	96452	53.073	ug/l	100
5) Bromomethane	2.586	94	69100	63.918	ug/l	99
6) Chloroethane	2.726	64	64629	56.718	ug/l	95
7) Trichlorofluoromethane	3.043	101	137654	50.100	ug/l	94
8) Diethyl Ether	3.446	74	31888	53.768	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.799	101	60858	49.823	ug/l	100
10) Methyl Iodide	3.995	142	67916	56.725	ug/l	95
11) Tert butyl alcohol	4.842	59	22956	239.890	ug/l #	76
12) 1,1-Dichloroethene	3.781	96	57146	51.494	ug/l	96
13) Acrolein	3.641	56	17283	202.607	ug/l	98
14) Allyl chloride	4.373	41	77897	52.795	ug/l	94
15) Acrylonitrile	5.037	53	69364	285.840	ug/l	98
16) Acetone	3.854	43	50794	245.591	ug/l	88
17) Carbon Disulfide	4.092	76	164324	52.498	ug/l	98
18) Methyl Acetate	4.373	43	36198	57.026	ug/l	96
19) Methyl tert-butyl Ether	5.098	73	147670	54.886	ug/l	99
20) Methylene Chloride	4.604	84	73939	59.509	ug/l	96
21) trans-1,2-Dichloroethene	5.104	96	66894	53.954	ug/l	98
22) Diisopropyl ether	6.006	45	182397	54.000	ug/l	94
23) Vinyl Acetate	5.945	43	723981	270.729	ug/l	96
24) 1,1-Dichloroethane	5.903	63	109277	52.902	ug/l	97
25) 2-Butanone	6.878	43	88405	265.414	ug/l #	88
26) 2,2-Dichloropropane	6.872	77	74430	44.496	ug/l	97
27) cis-1,2-Dichloroethene	6.878	96	80170	54.945	ug/l	96
28) Bromochloromethane	7.226	49	45626	52.656	ug/l	100
29) Tetrahydrofuran	7.244	42	59767	279.135	ug/l	92
30) Chloroform	7.409	83	124656	54.158	ug/l	98
31) Cyclohexane	7.689	56	85552	53.968	ug/l	96
32) 1,1,1-Trichloroethane	7.604	97	107100	52.947	ug/l	98
36) 1,1-Dichloropropene	7.823	75	81919	49.392	ug/l	99
37) Ethyl Acetate	6.970	43	41485	56.457	ug/l	96
38) Carbon Tetrachloride	7.811	117	97094	50.515	ug/l	99
39) Methylcyclohexane	9.097	83	105025	49.345	ug/l	98
40) Benzene	8.067	78	268771	52.839	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	56895	141.859	ug/l #	27
42) 1,2-Dichloroethane	8.146	62	70503	51.327	ug/l	98
43) Isopropyl Acetate	8.183	43	79068	53.206	ug/l #	83
44) Trichloroethene	8.853	130	73267	51.621	ug/l	99
45) 1,2-Dichloropropane	9.134	63	59909	52.862	ug/l	98
46) Dibromomethane	9.225	93	38762	52.733	ug/l	98
47) Bromodichloromethane	9.414	83	96110	53.294	ug/l	96
48) Methyl methacrylate	9.213	41	35602	53.756	ug/l	89
49) 1,4-Dioxane	9.219	88	9841	1105.194	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	215524	273.248	ug/l	94
52) Toluene	10.164	92	178357	53.417	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	79738	53.301	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	92105	51.195	ug/l #	92
55) 1,1,2-Trichloroethane	10.567	97	51136	54.039	ug/l	97
56) Ethyl methacrylate	10.438	69	68696	55.463	ug/l #	87
57) 1,3-Dichloropropane	10.713	76	83551	54.163	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	154376	262.730	ug/l	96
59) 2-Hexanone	10.756	43	146571	270.483	ug/l	93
60) Dibromochloromethane	10.908	129	69591	53.995	ug/l	98
61) 1,2-Dibromoethane	11.012	107	49186	53.778	ug/l	100
64) Tetrachloroethene	10.646	164	76442	52.959	ug/l	99
65) Chlorobenzene	11.438	112	195787	51.489	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	69725	52.142	ug/l	97
67) Ethyl Benzene	11.518	91	336330	50.960	ug/l	97
68) m/p-Xylenes	11.627	106	268260	102.438	ug/l	99
69) o-Xylene	11.957	106	126258	52.063	ug/l	100
70) Styrene	11.969	104	219697	53.125	ug/l	99
71) Bromoform	12.133	173	40735	53.290	ug/l #	98
73) Isopropylbenzene	12.255	105	330365	51.139	ug/l	100
74) N-amyl acetate	12.072	43	73153	51.930	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.505	83	57626	50.106	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	71668	86.221	ug/l #	100
77) Bromobenzene	12.530	156	80484	51.877	ug/l	94
78) n-propylbenzene	12.597	91	384738	49.819	ug/l	98
79) 2-Chlorotoluene	12.682	91	220756	50.987	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	271646	51.617	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	16318	48.483	ug/l	90
82) 4-Chlorotoluene	12.780	91	229148	50.871	ug/l	98
83) tert-Butylbenzene	12.999	119	243641	50.131	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	270420	51.556	ug/l	99
85) sec-Butylbenzene	13.176	105	352798	49.813	ug/l	100
86) p-Isopropyltoluene	13.292	119	296612	50.987	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	156535	51.161	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	151781	49.905	ug/l	99
89) n-Butylbenzene	13.621	91	263523	49.685	ug/l	99
90) Hexachloroethane	13.877	117	58699	51.192	ug/l	100
91) 1,2-Dichlorobenzene	13.657	146	138973	51.644	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	8651	51.132	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	75437	49.710	ug/l	99
94) Hexachlorobutadiene	15.023	225	38552	48.772	ug/l	98
95) Naphthalene	15.145	128	144977	53.529	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	66099	51.643	ug/l	99

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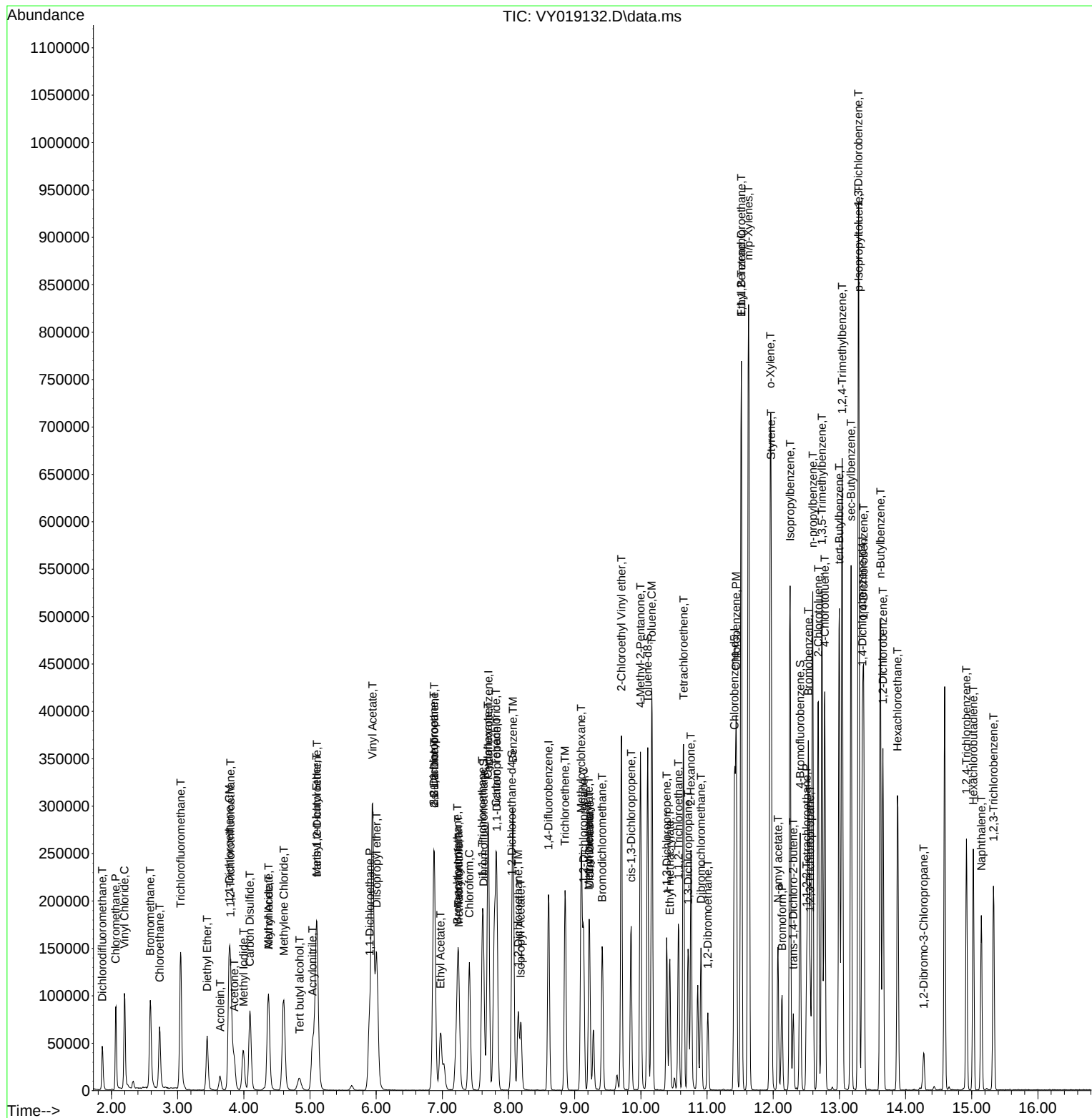
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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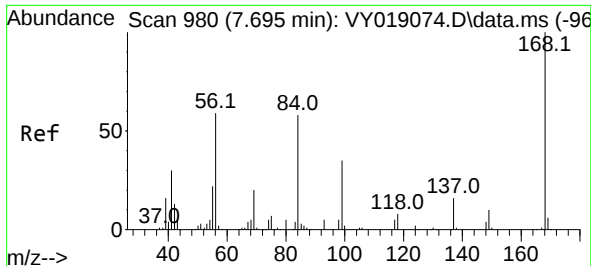
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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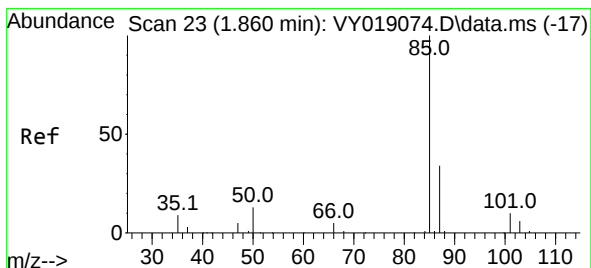
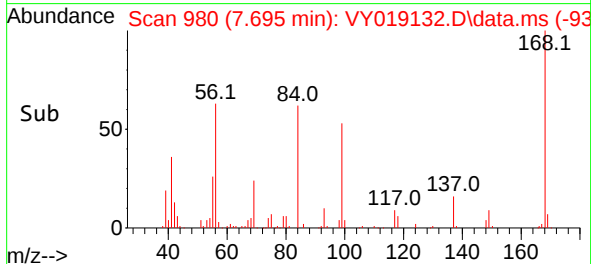
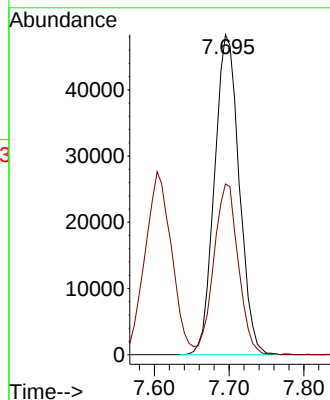
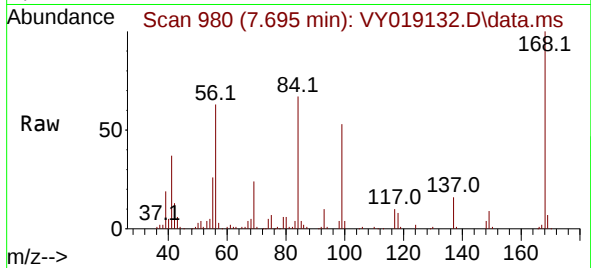




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
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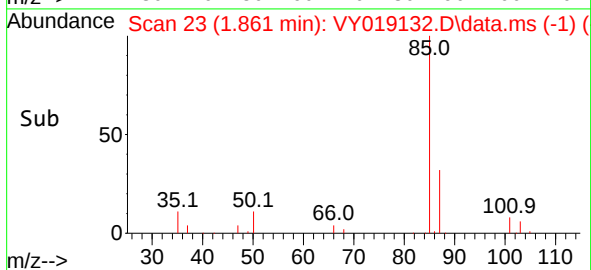
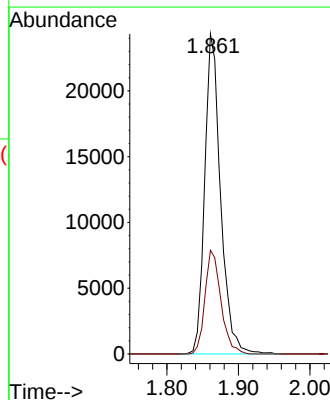
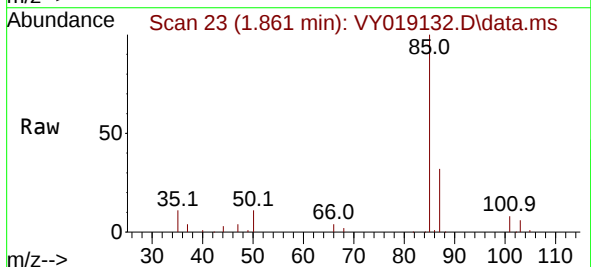
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 111254
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 46.074 ug/l
RT: 1.861 min Scan# 23
Delta R.T. 0.000 min
Lab File: VY019132.D
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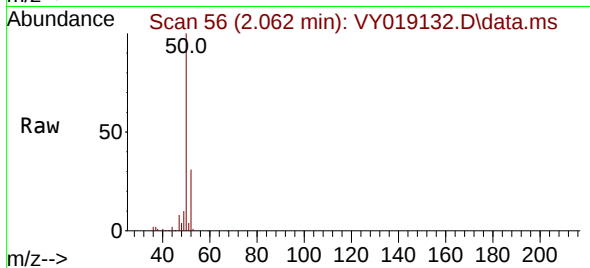
Tgt Ion: 85 Resp: 37608
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0



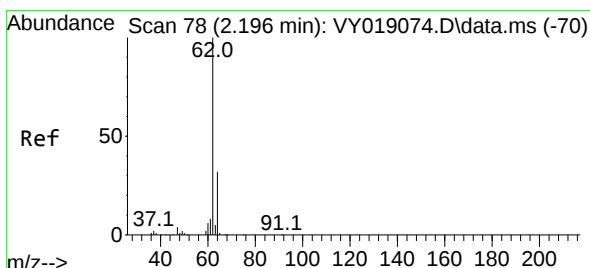
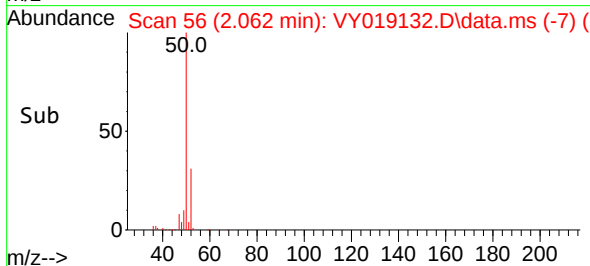
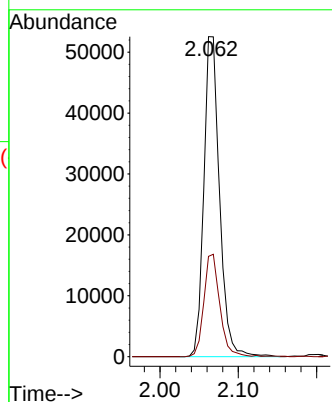


#3
Chloromethane
Concen: 49.657 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Instrument :
MSVOA_Y
ClientSampleId :

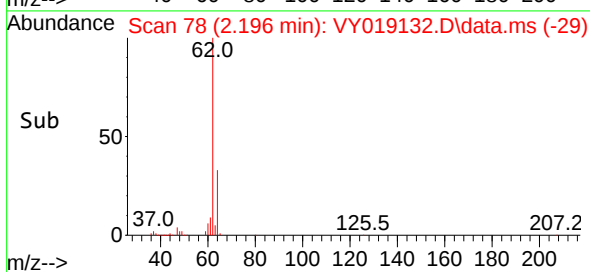
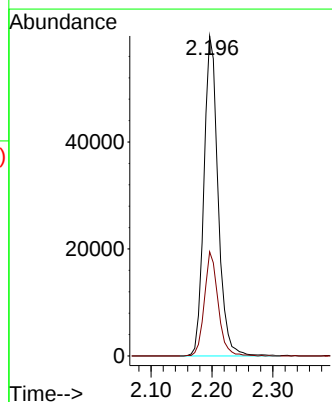
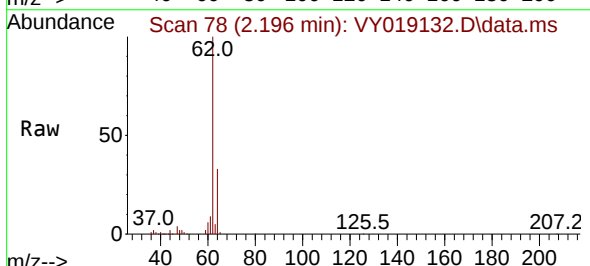


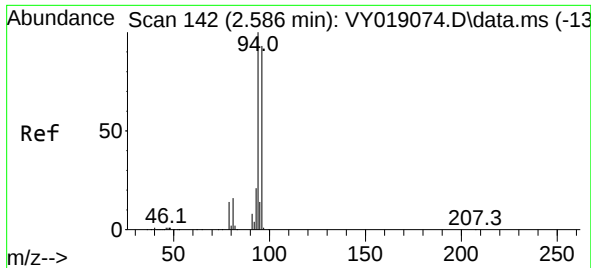
Tgt Ion: 50 Resp: 73059
Ion Ratio Lower Upper
50 100
52 31.3 25.6 38.4



#4
Vinyl Chloride
Concen: 53.073 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 62 Resp: 96452
Ion Ratio Lower Upper
62 100
64 32.6 26.1 39.1

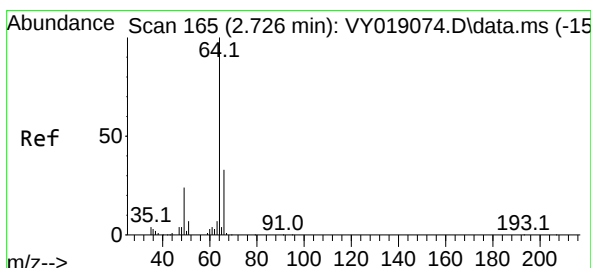
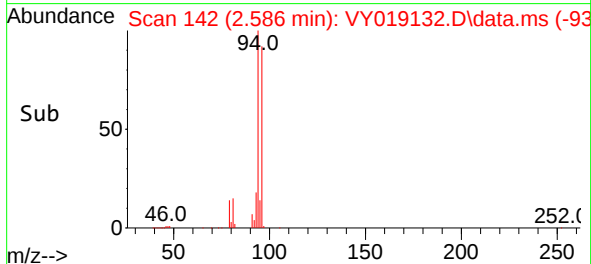
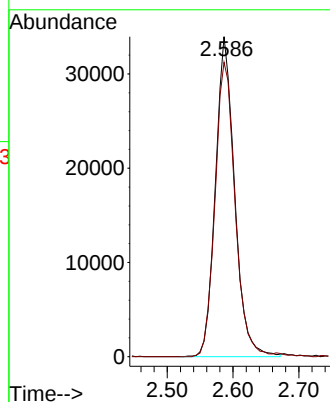
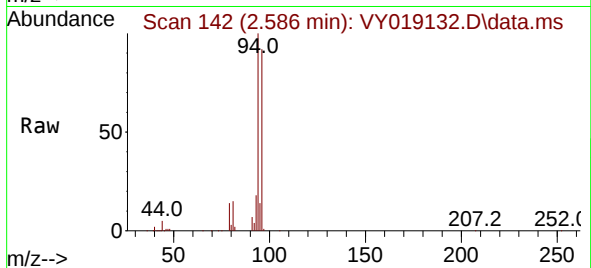




#5
Bromomethane
Concen: 63.918 ug/l
RT: 2.586 min Scan# 142
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

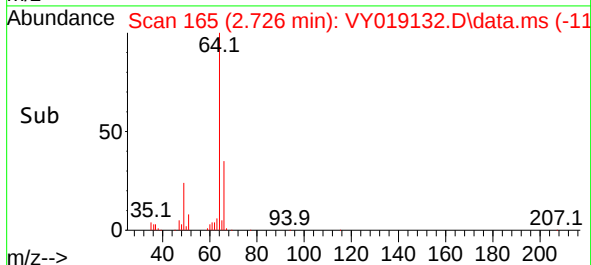
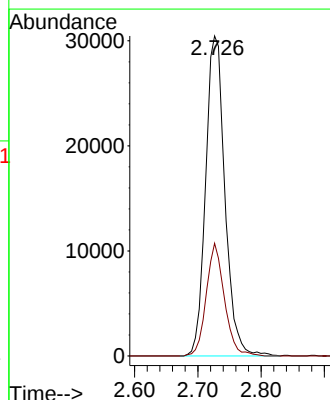
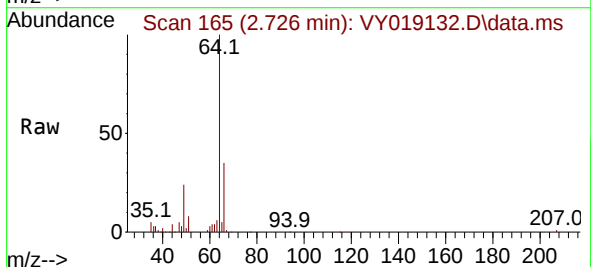
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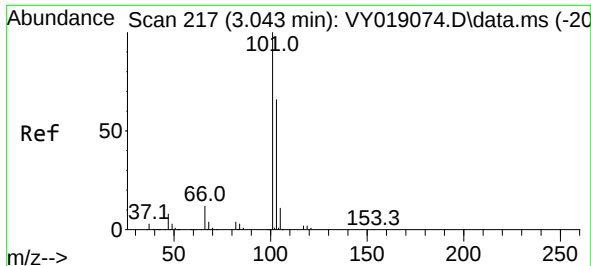
Tgt Ion: 94 Resp: 69100
Ion Ratio Lower Upper
94 100
96 92.0 74.1 111.1



#6
Chloroethane
Concen: 56.718 ug/l
RT: 2.726 min Scan# 165
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 64 Resp: 64629
Ion Ratio Lower Upper
64 100
66 35.2 26.1 39.1

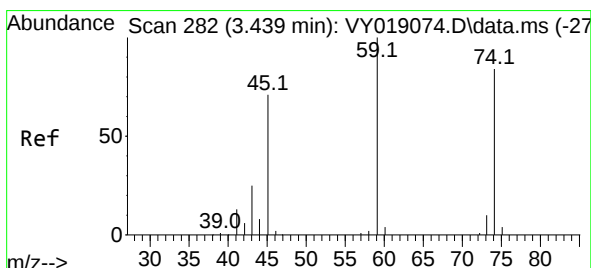
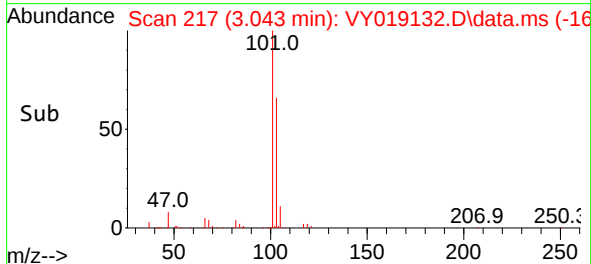
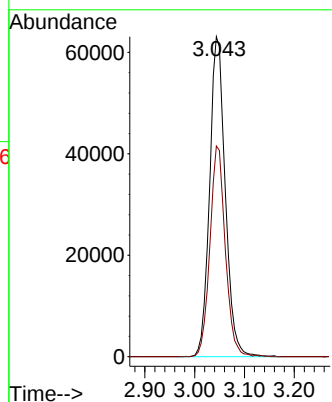
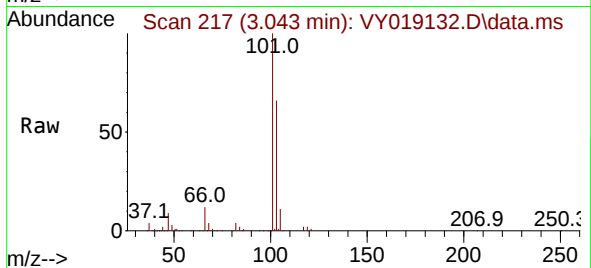




#7
 Trichlorofluoromethane
 Concen: 50.100 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019132.D
 Acq: 19 Aug 2024 21:29

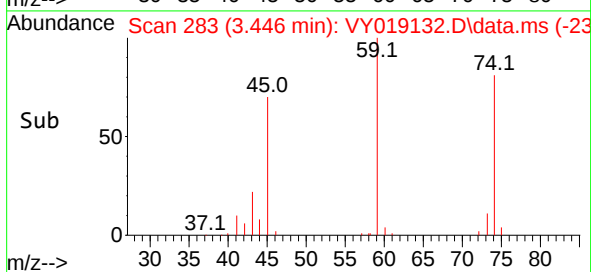
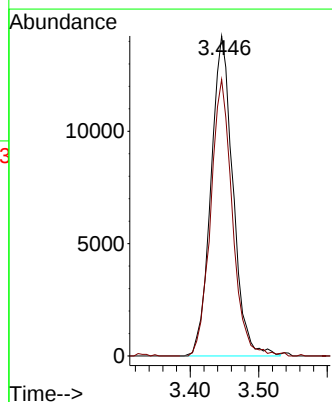
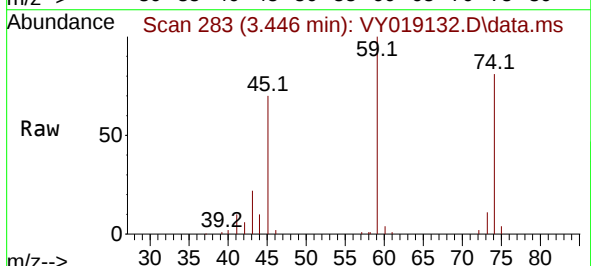
Instrument :
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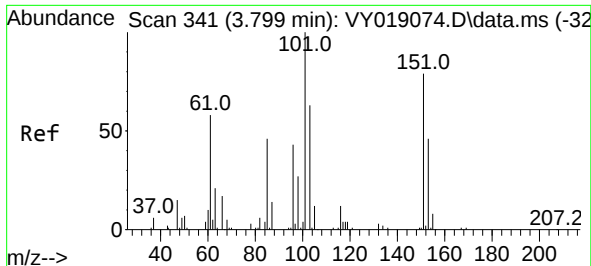
Tgt Ion:101 Resp: 137654
 Ion Ratio Lower Upper
 101 100
 103 65.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 53.768 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019132.D
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Tgt Ion: 74 Resp: 31888
 Ion Ratio Lower Upper
 74 100
 45 85.0 41.3 124.1

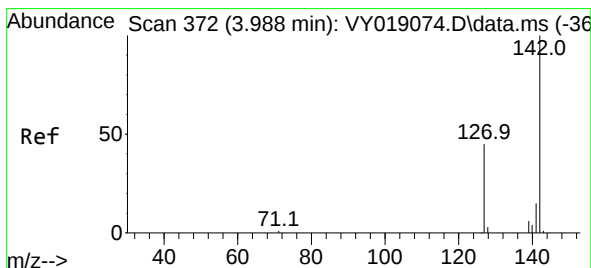
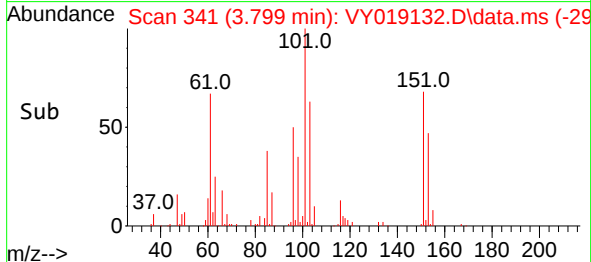
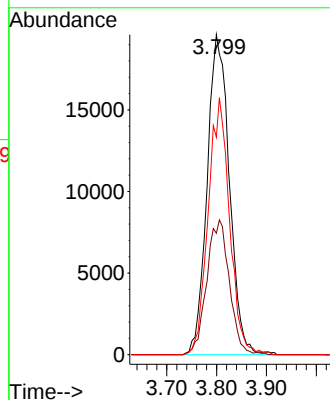
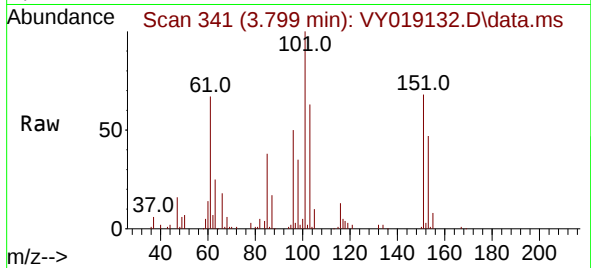




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.823 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

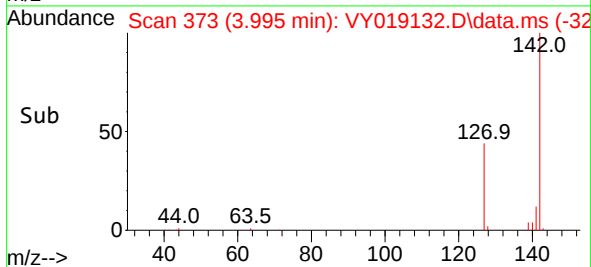
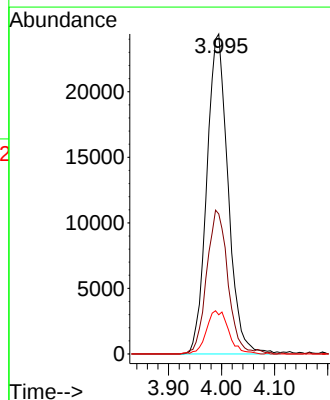
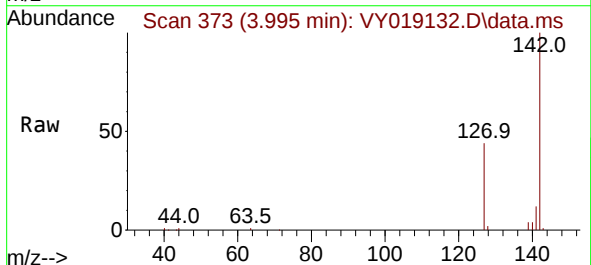
Instrument :
MSVOA_Y
ClientSampleId :

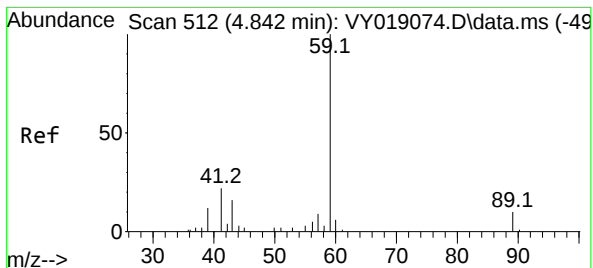
Tgt Ion:101 Resp: 60858
Ion Ratio Lower Upper
101 100
85 42.8 34.5 51.7
151 77.1 61.7 92.5



#10
Methyl Iodide
Concen: 56.725 ug/l
RT: 3.995 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion:142 Resp: 67916
Ion Ratio Lower Upper
142 100
127 45.2 32.8 49.2
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 239.890 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

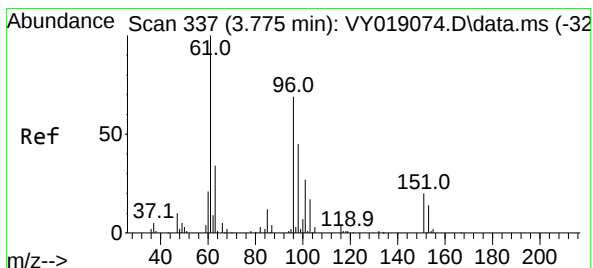
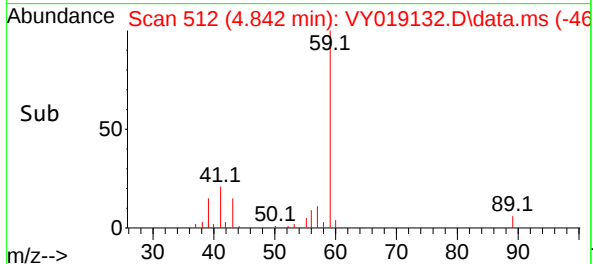
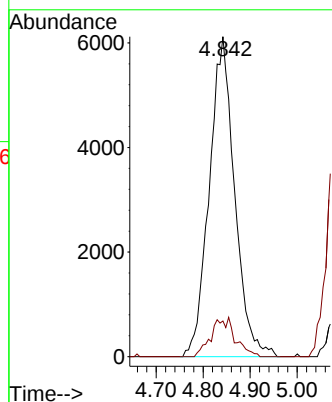
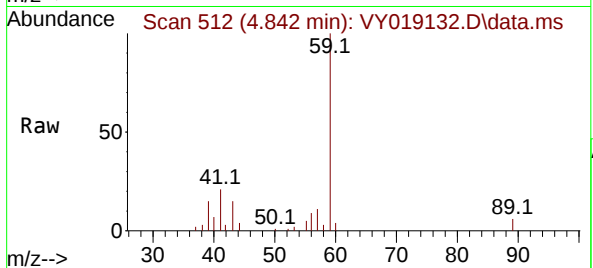
ClientSampleId :

Tgt Ion: 59 Resp: 22956

Ion Ratio Lower Upper

59 100

57 11.6 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 51.494 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

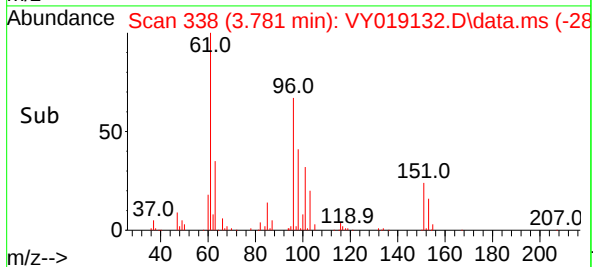
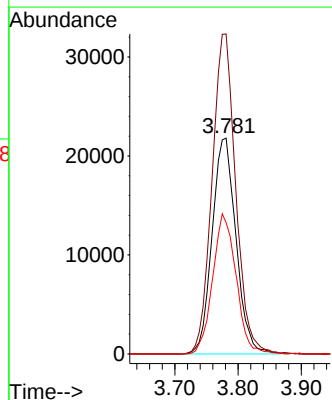
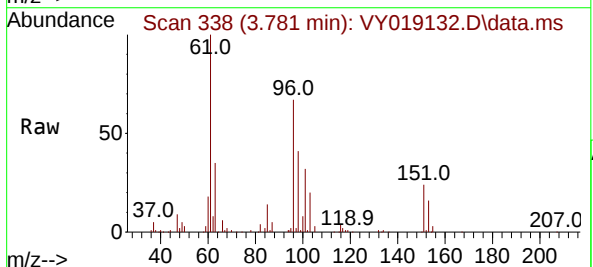
Tgt Ion: 96 Resp: 57146

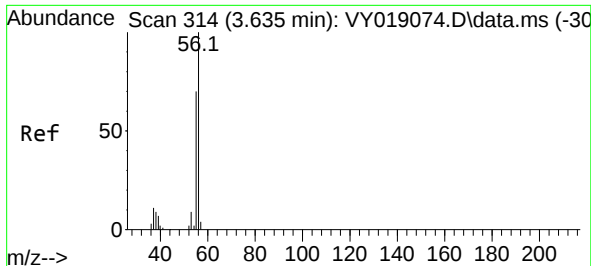
Ion Ratio Lower Upper

96 100

61 148.3 114.6 171.8

98 60.8 50.8 76.2





#13

Acrolein

Concen: 202.607 ug/l

RT: 3.641 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

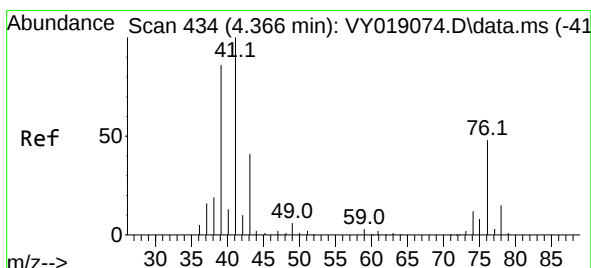
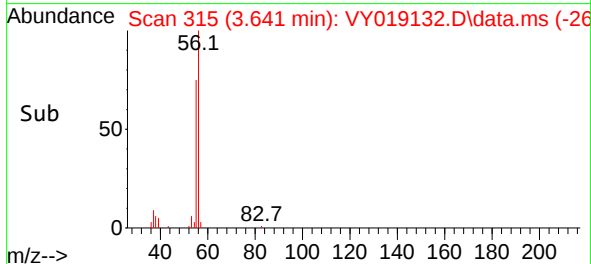
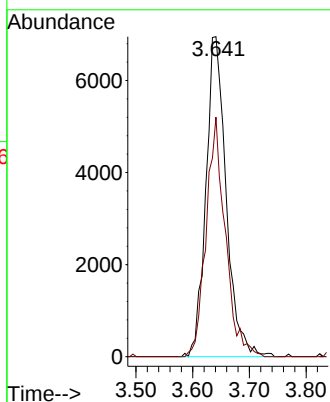
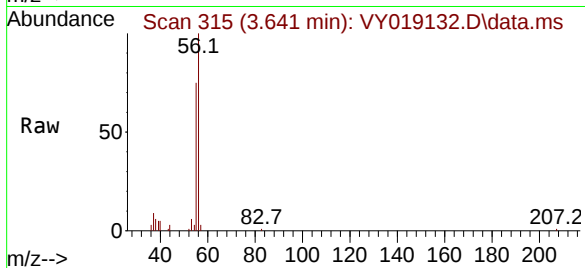
ClientSampleId :

Tgt Ion: 56 Resp: 17283

Ion Ratio Lower Upper

56 100

55 71.1 55.7 83.5



#14

Allyl chloride

Concen: 52.795 ug/l

RT: 4.373 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

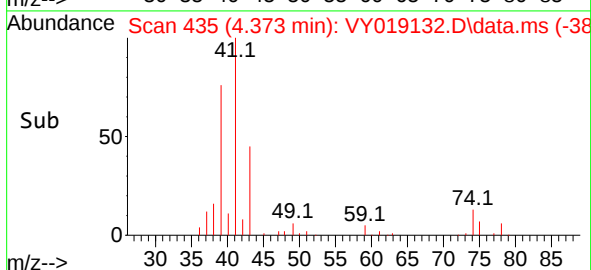
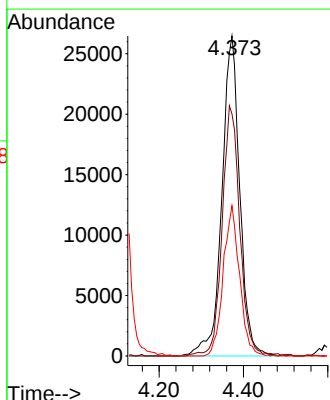
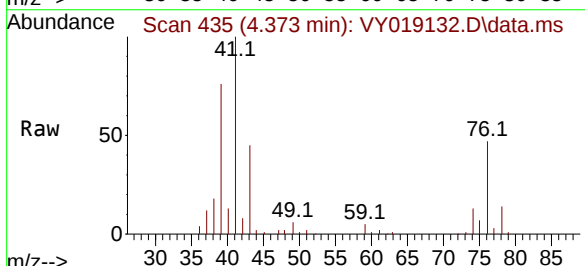
Tgt Ion: 41 Resp: 77897

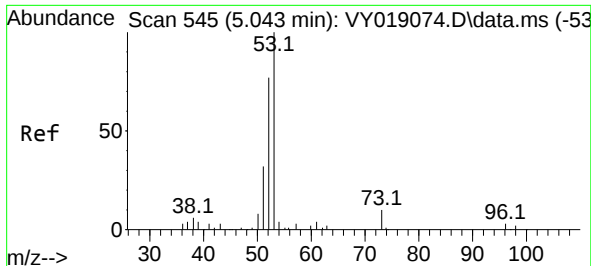
Ion Ratio Lower Upper

41 100

39 77.1 58.3 87.5

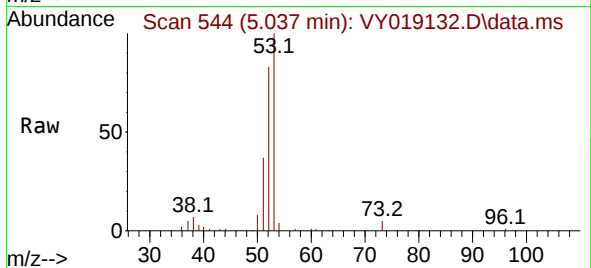
76 43.0 39.0 58.6



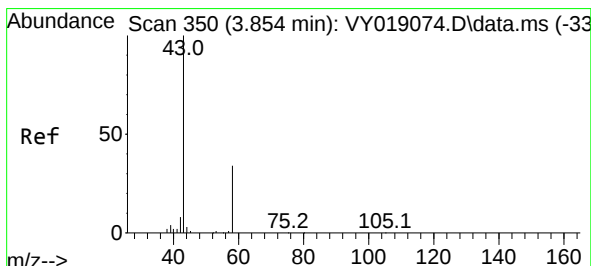
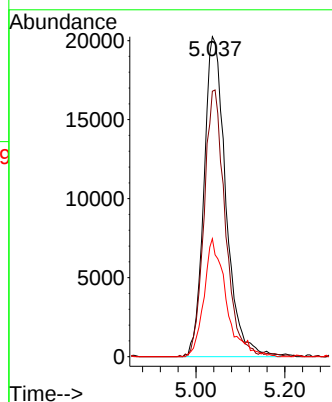
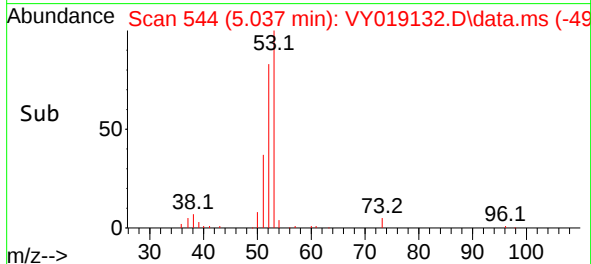


#15
Acrylonitrile
Concen: 285.840 ug/l
RT: 5.037 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Instrument :
MSVOA_Y
ClientSampleId :

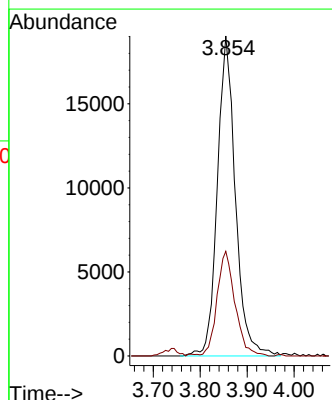
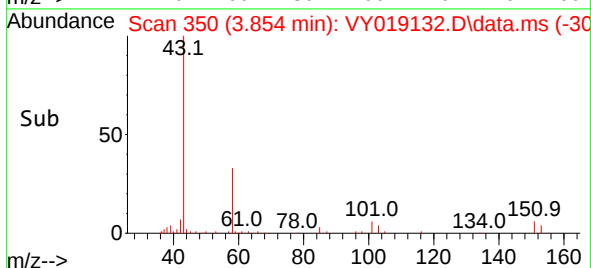
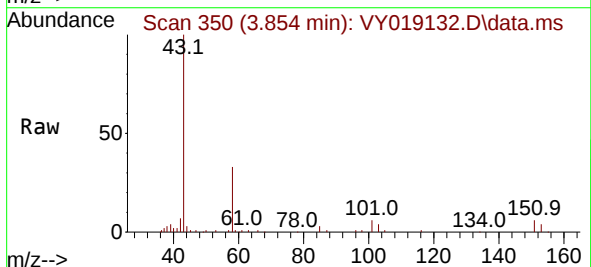


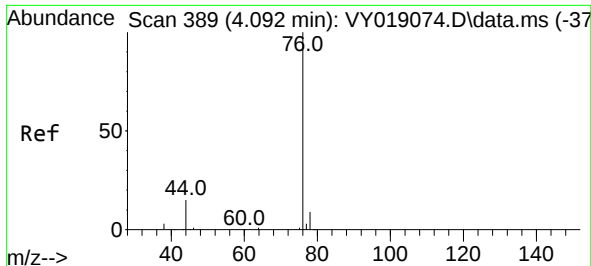
Tgt Ion: 53 Resp: 69364
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 37.6 28.4 42.6



#16
Acetone
Concen: 245.591 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 43 Resp: 50794
Ion Ratio Lower Upper
43 100
58 32.2 31.7 47.5

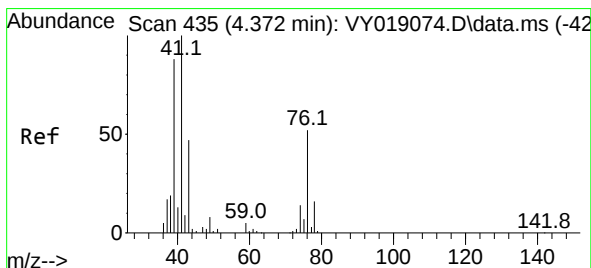
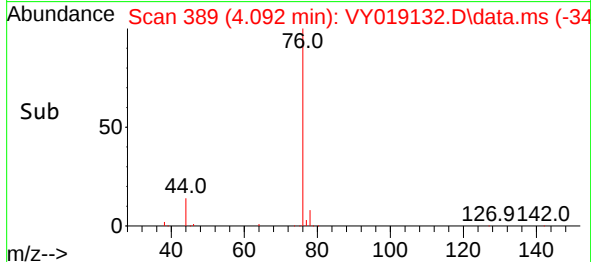
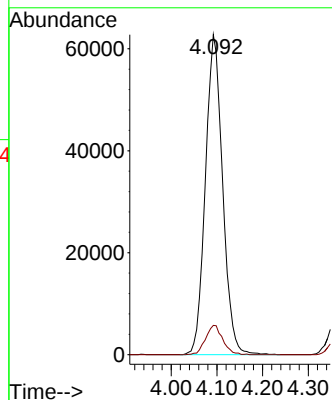
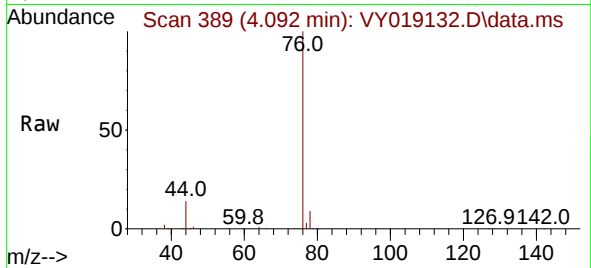




#17
Carbon Disulfide
Concen: 52.498 ug/l
RT: 4.092 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

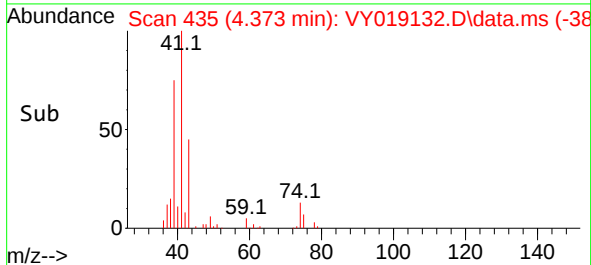
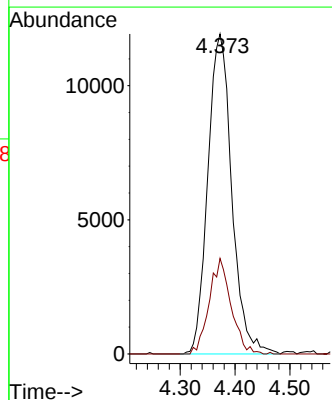
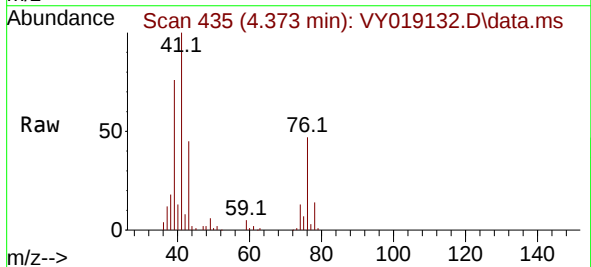
Instrument :
MSVOA_Y
ClientSampleId :

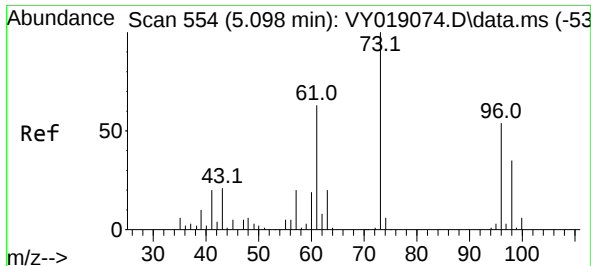
Tgt Ion: 76 Resp: 164324
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 57.026 ug/l
RT: 4.373 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 43 Resp: 36198
Ion Ratio Lower Upper
43 100
74 27.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 54.886 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

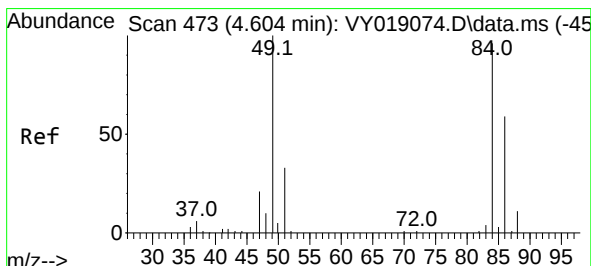
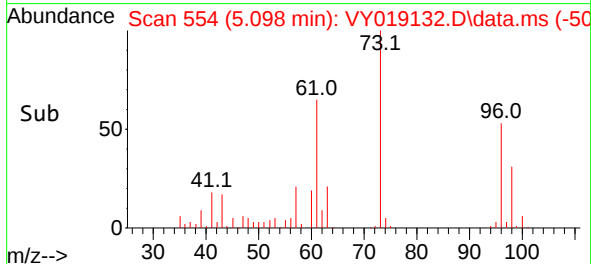
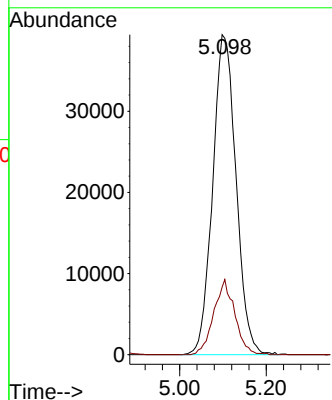
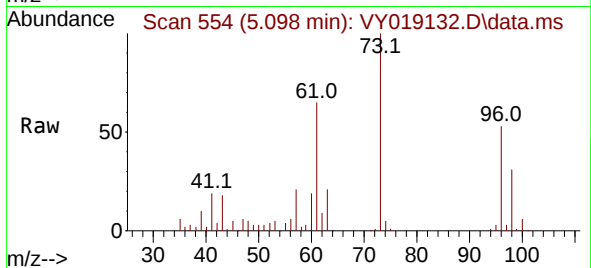
ClientSampleId :

Tgt Ion: 73 Resp: 147670

Ion Ratio Lower Upper

73 100

57 21.1 17.3 25.9



#20

Methylene Chloride

Concen: 59.509 ug/l

RT: 4.604 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Tgt Ion: 84 Resp: 73939

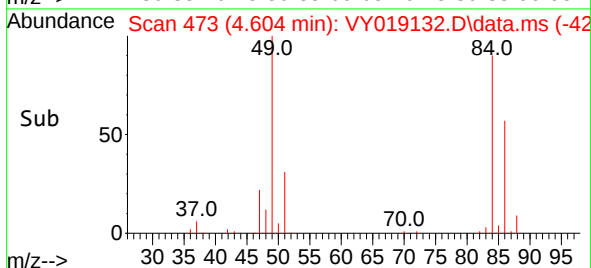
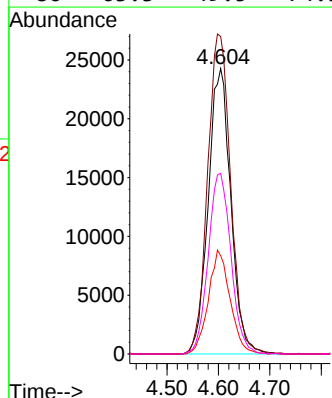
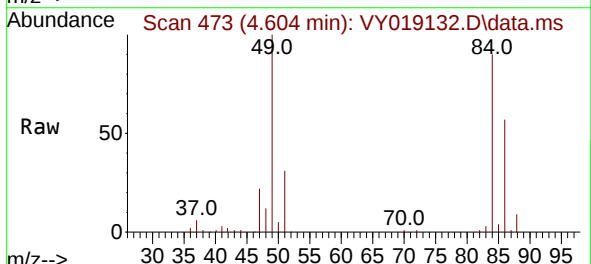
Ion Ratio Lower Upper

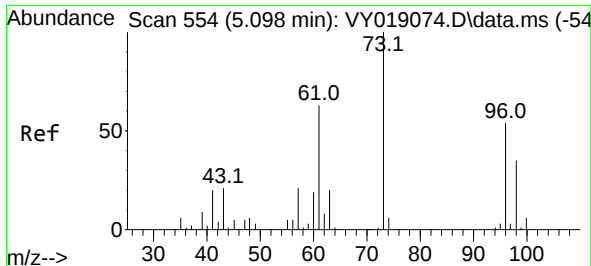
84 100

49 111.2 84.4 126.6

51 34.4 26.0 39.0

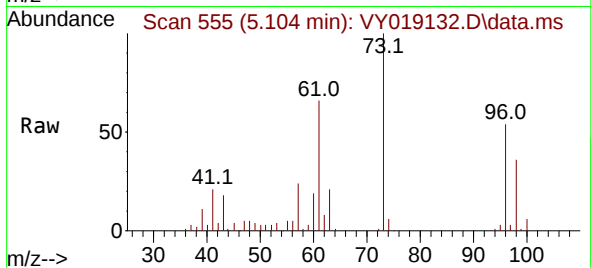
86 63.3 49.5 74.3



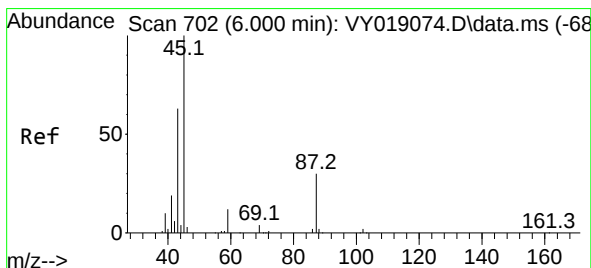
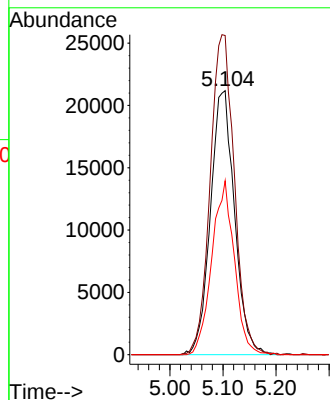
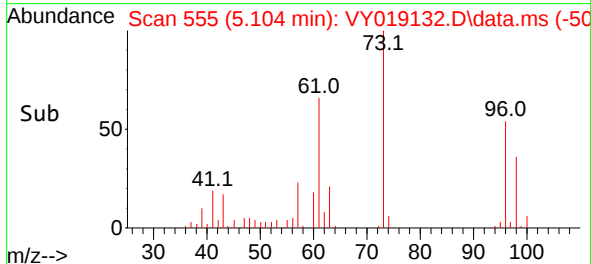


#21
trans-1,2-Dichloroethene
Concen: 53.954 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Instrument :
MSVOA_Y
ClientSampleId :

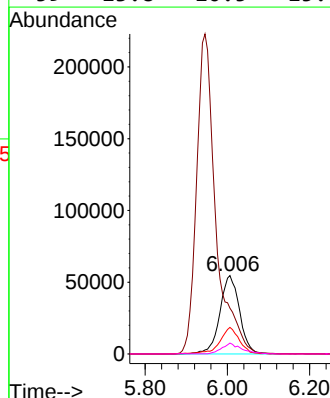
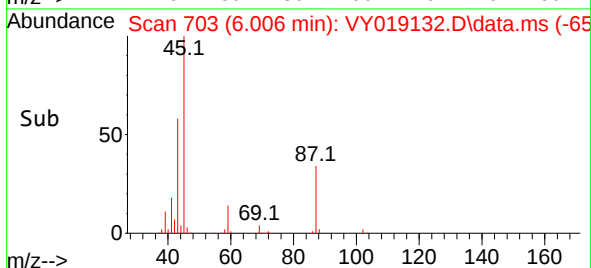
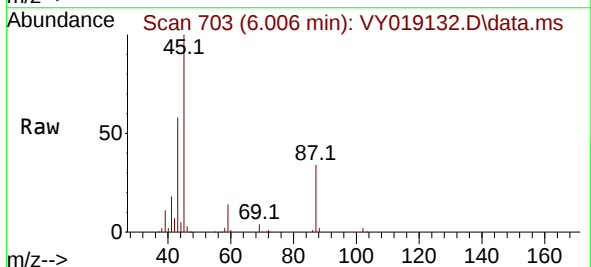


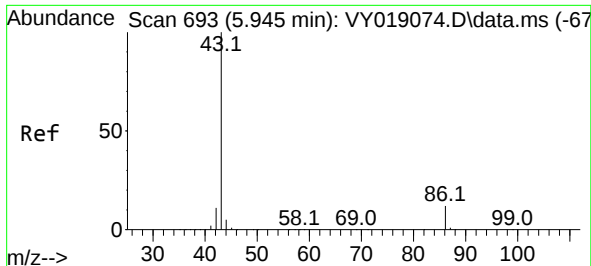
Tgt Ion: 96 Resp: 66894
Ion Ratio Lower Upper
96 100
61 120.9 97.5 146.3
98 65.8 50.5 75.7



#22
Diisopropyl ether
Concen: 54.000 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 45 Resp: 182397
Ion Ratio Lower Upper
45 100
43 58.1 42.2 63.2
87 33.8 25.0 37.6
59 13.8 10.5 15.7

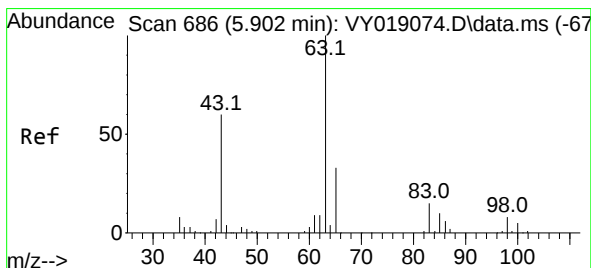
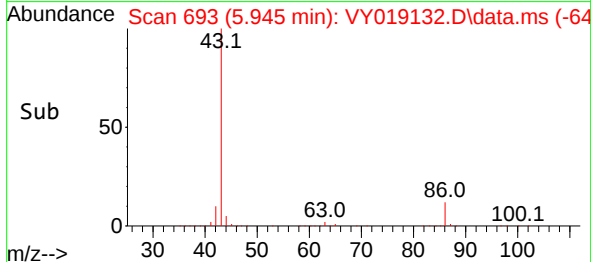
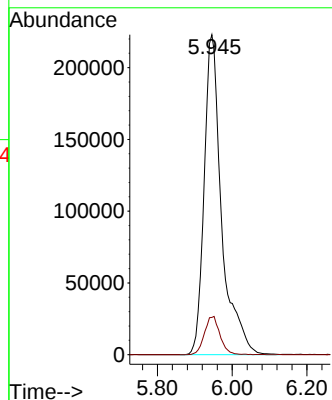
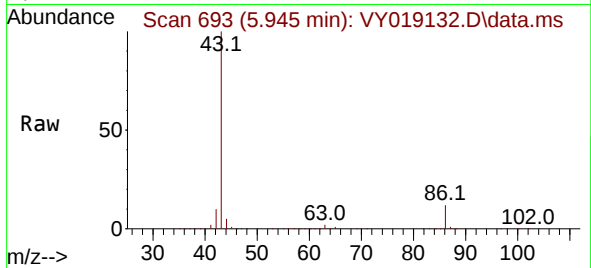




#23
 Vinyl Acetate
 Concen: 270.729 ug/l
 RT: 5.945 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY019132.D
 Acq: 19 Aug 2024 21:29

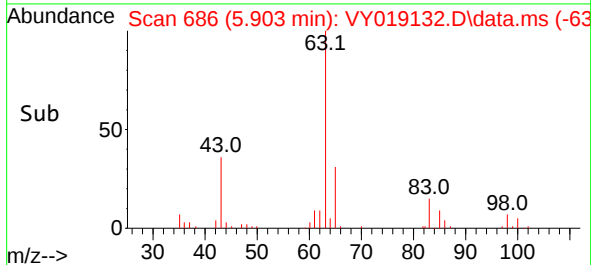
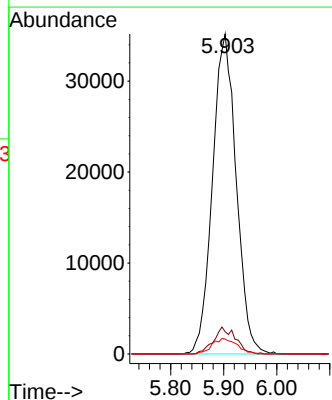
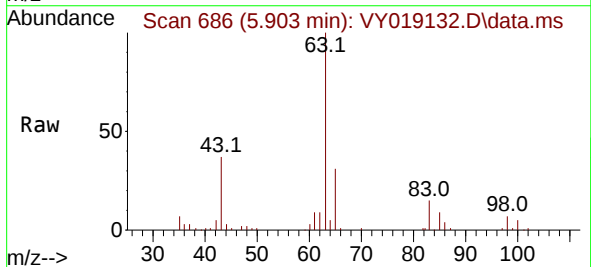
Instrument :
 MSVOA_Y
 ClientSampleId :

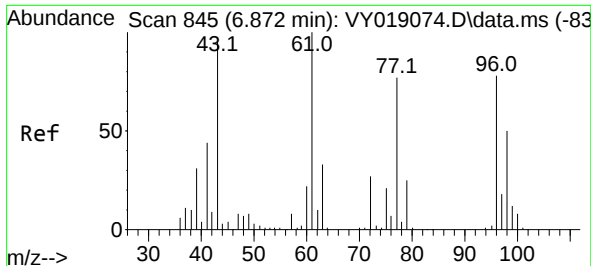
Tgt Ion: 43 Resp: 723981
 Ion Ratio Lower Upper
 43 100
 86 11.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 52.902 ug/l
 RT: 5.903 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY019132.D
 Acq: 19 Aug 2024 21:29

Tgt Ion: 63 Resp: 109277
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.0 12.2
 100 4.7 2.6 8.0

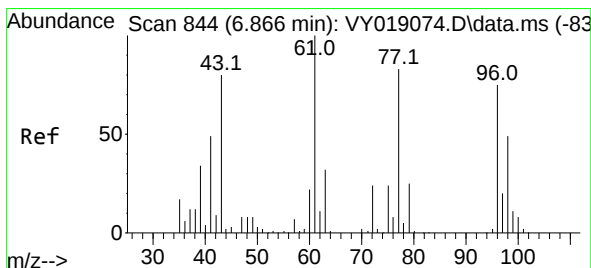
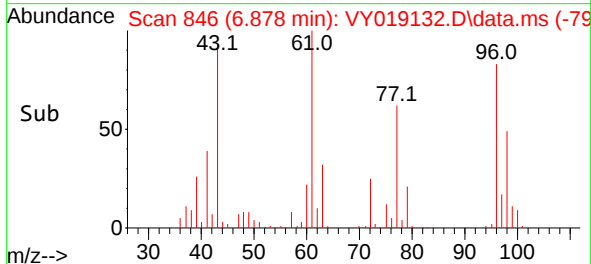
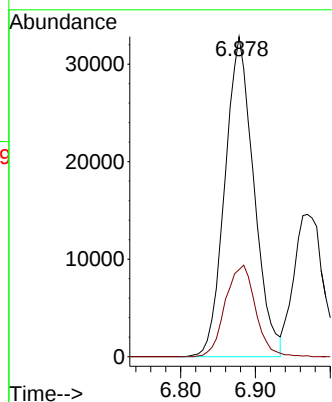
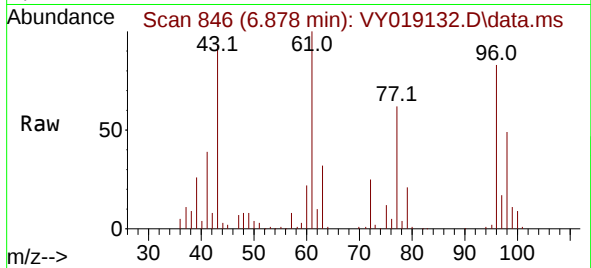




#25
2-Butanone
Concen: 265.414 ug/l
RT: 6.878 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

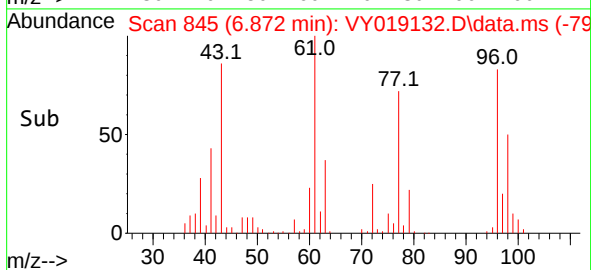
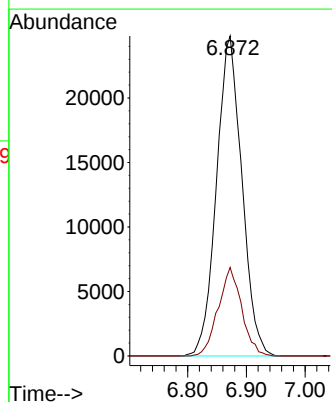
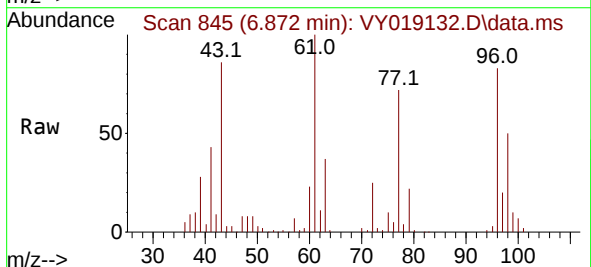
Instrument :
MSVOA_Y
ClientSampleId :

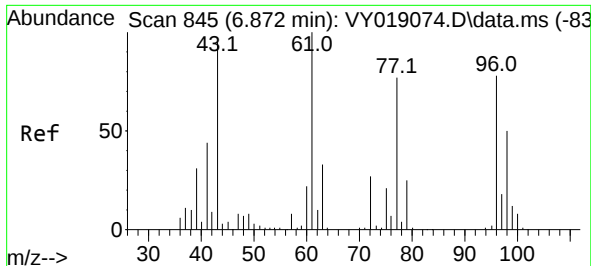
Tgt Ion: 43 Resp: 88405
Ion Ratio Lower Upper
43 100
72 27.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 44.496 ug/l
RT: 6.872 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 77 Resp: 74430
Ion Ratio Lower Upper
77 100
97 25.6 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 54.945 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

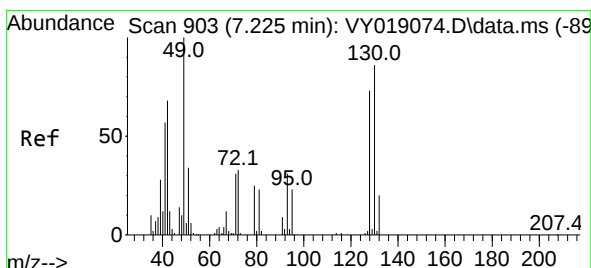
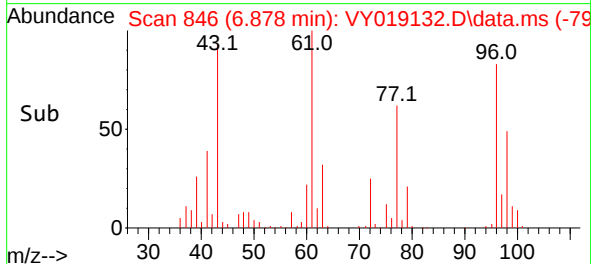
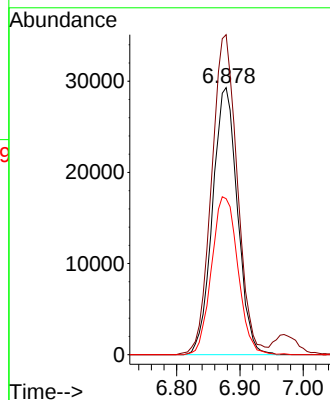
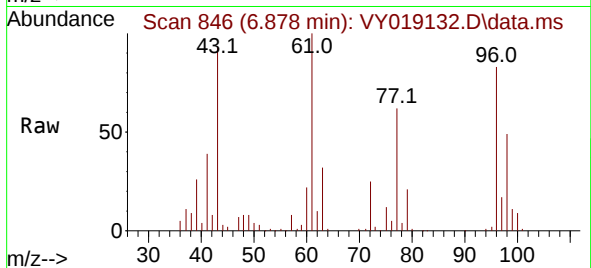
Tgt Ion: 96 Resp: 80170

Ion Ratio Lower Upper

96 100

61 123.9 0.0 256.2

98 62.4 0.0 130.0



#28

Bromochloromethane

Concen: 52.656 ug/l

RT: 7.226 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

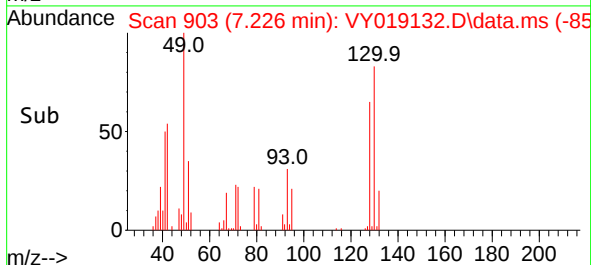
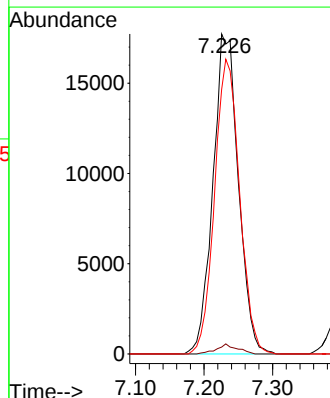
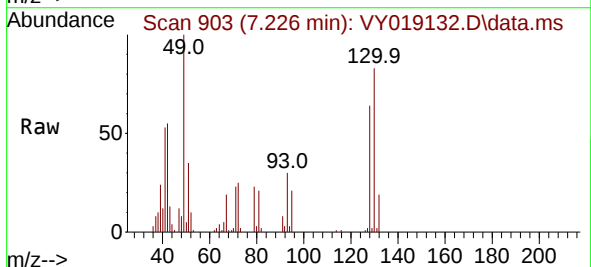
Tgt Ion: 49 Resp: 45626

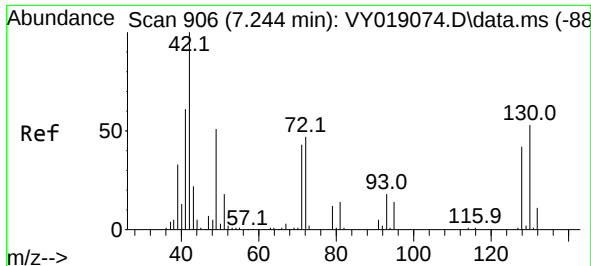
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 90.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 279.135 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

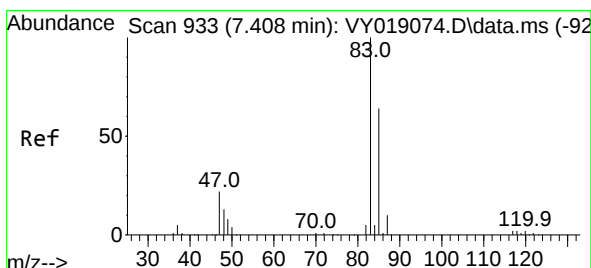
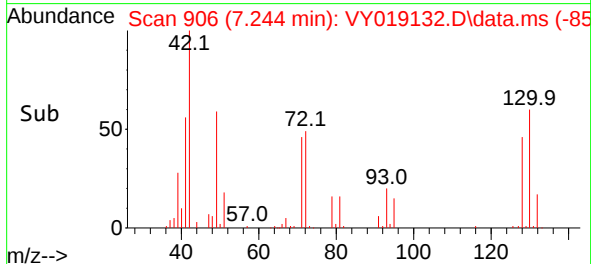
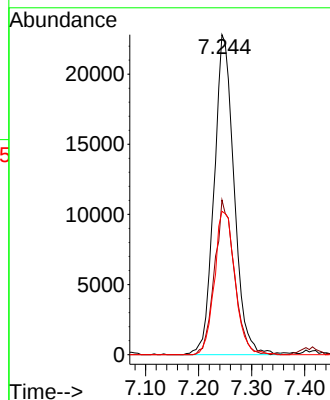
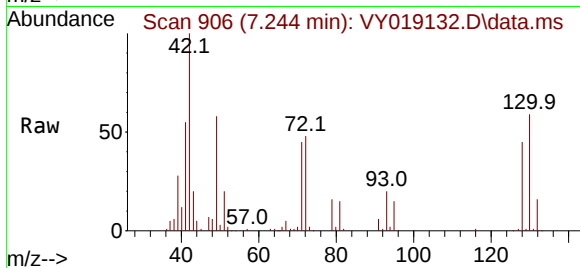
Tgt Ion: 42 Resp: 59767

Ion Ratio Lower Upper

42 100

72 47.5 43.0 64.4

71 46.1 40.8 61.2



#30

Chloroform

Concen: 54.158 ug/l

RT: 7.409 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY019132.D

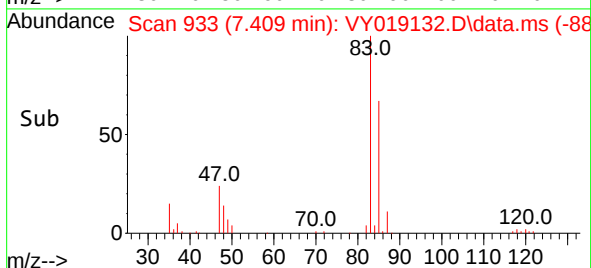
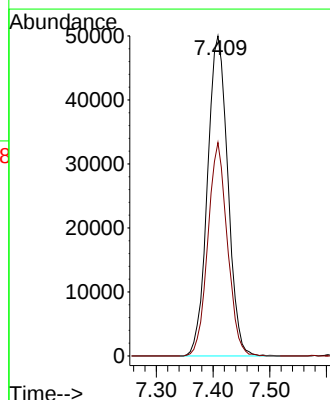
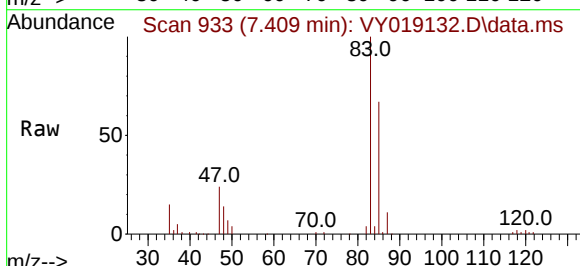
Acq: 19 Aug 2024 21:29

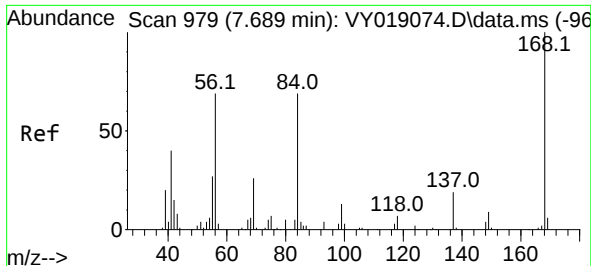
Tgt Ion: 83 Resp: 124656

Ion Ratio Lower Upper

83 100

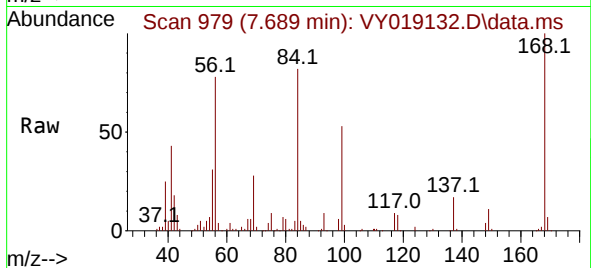
85 66.7 52.2 78.4



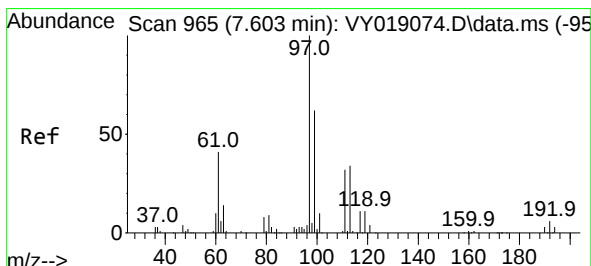
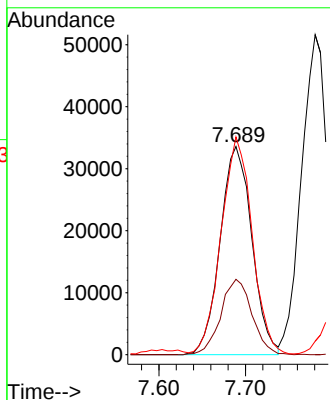
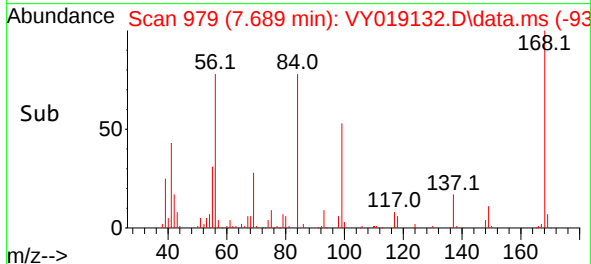


#31
Cyclohexane
Concen: 53.968 ug/l
RT: 7.689 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Instrument :
MSVOA_Y
ClientSampleId :

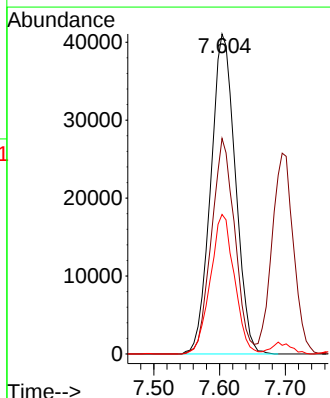
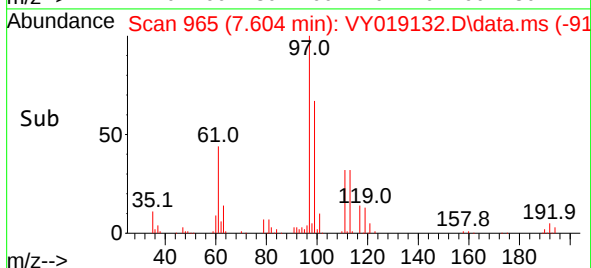
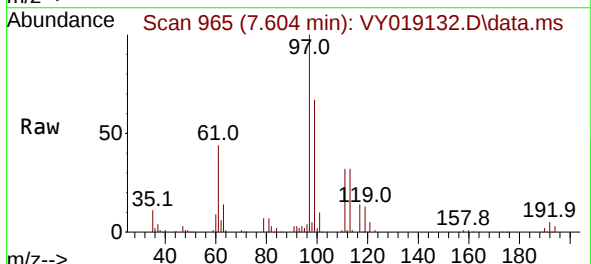


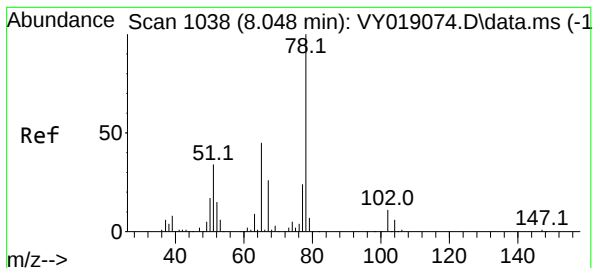
Tgt Ion: 56 Resp: 85552
Ion Ratio Lower Upper
56 100
69 36.2 28.7 43.1
84 102.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 52.947 ug/l
RT: 7.604 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 97 Resp: 107100
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 42.5 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.036 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

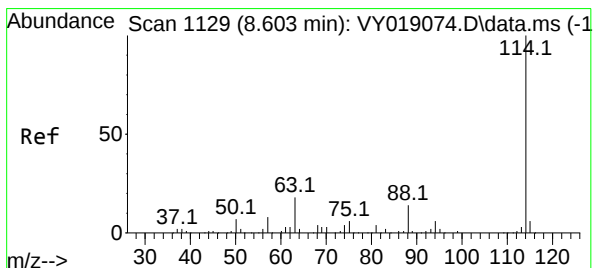
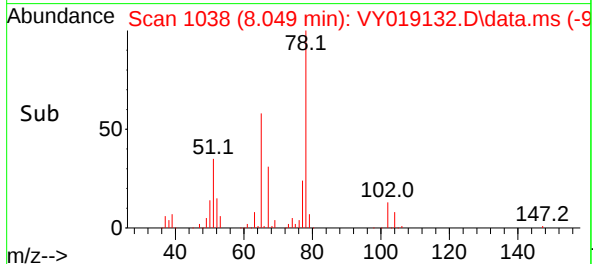
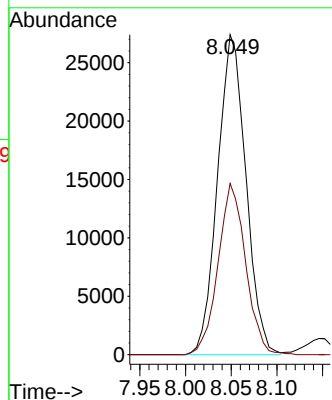
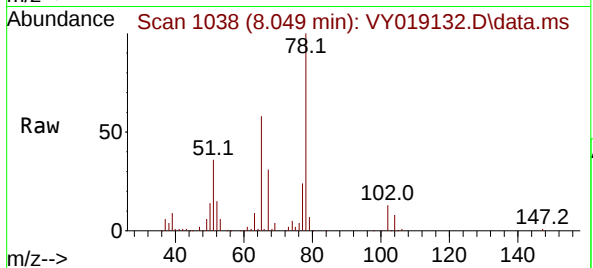
ClientSampleId :

Tgt Ion: 65 Resp: 59148

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

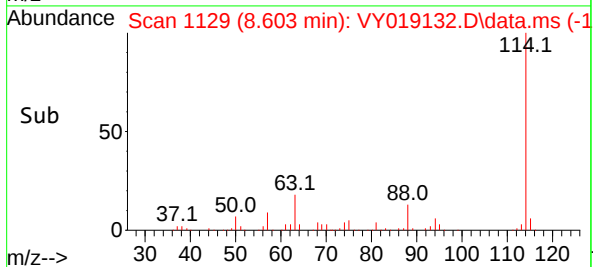
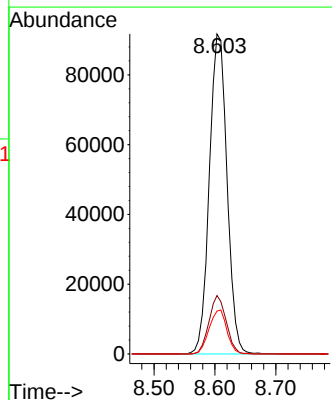
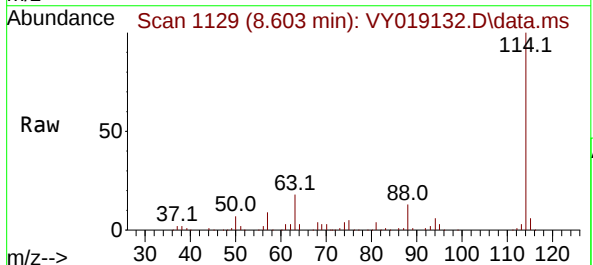
Tgt Ion:114 Resp: 184720

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

88 13.4 0.0 27.2

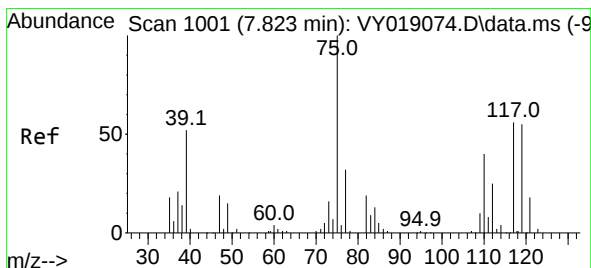
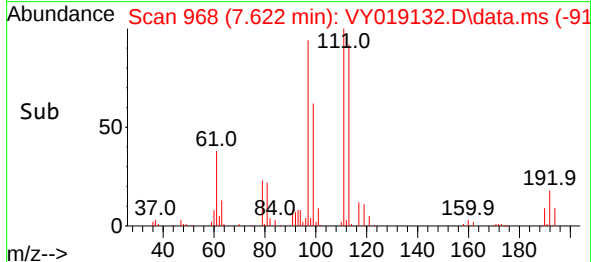
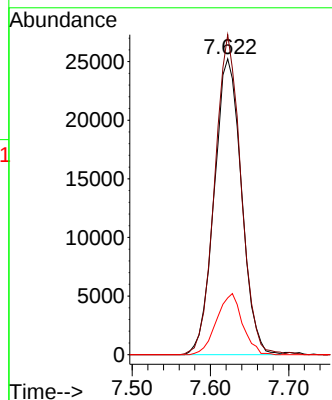
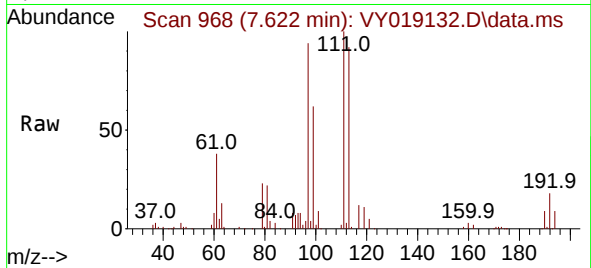




#35
Dibromofluoromethane
Concen: 50.544 ug/l
RT: 7.622 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

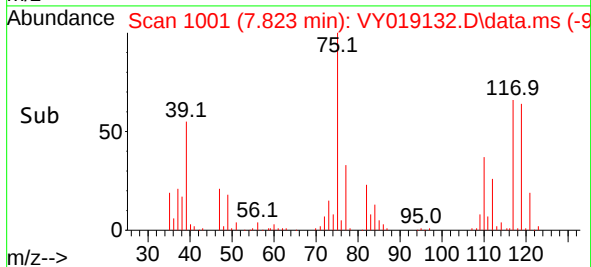
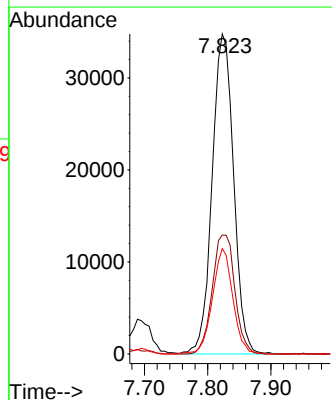
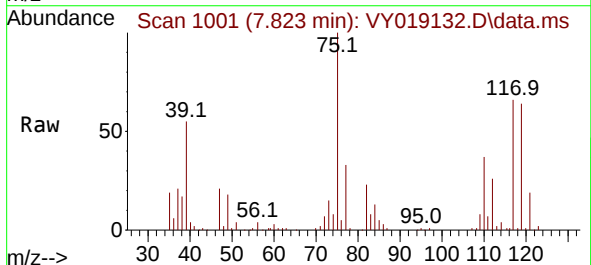
Instrument :
MSVOA_Y
ClientSampleId :

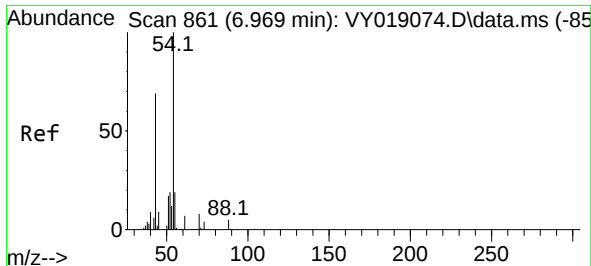
Tgt Ion:113 Resp: 61048
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 49.392 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 75 Resp: 81919
Ion Ratio Lower Upper
75 100
110 39.0 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 56.457 ug/l

RT: 6.970 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

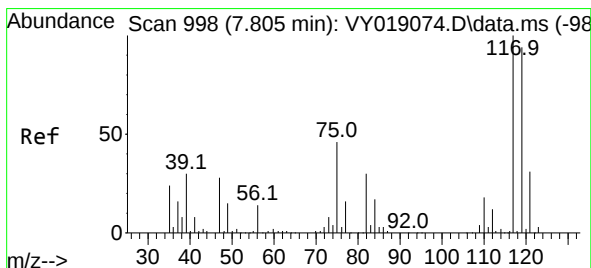
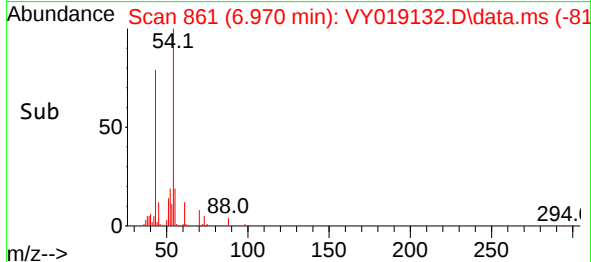
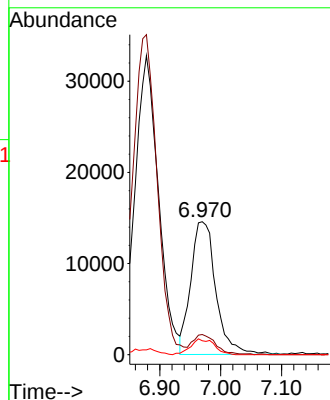
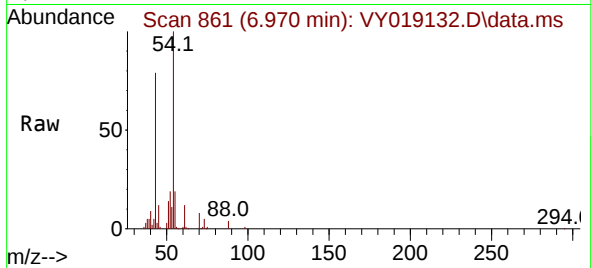
Tgt Ion: 43 Resp: 41485

Ion Ratio Lower Upper

43 100

61 13.9 12.6 19.0

70 11.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 50.515 ug/l

RT: 7.811 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

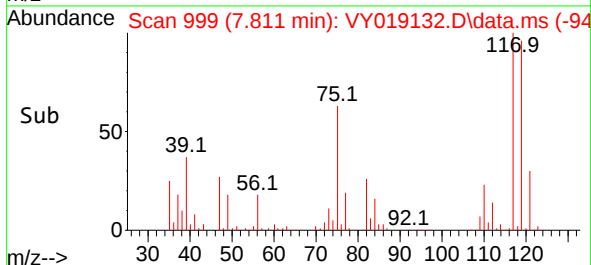
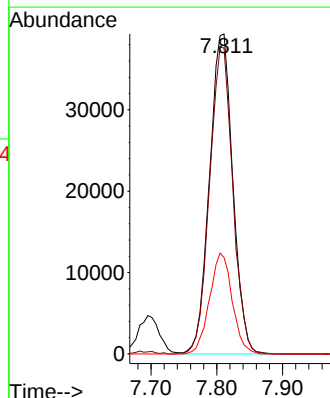
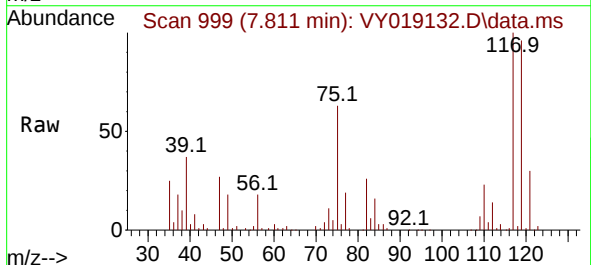
Tgt Ion: 117 Resp: 97094

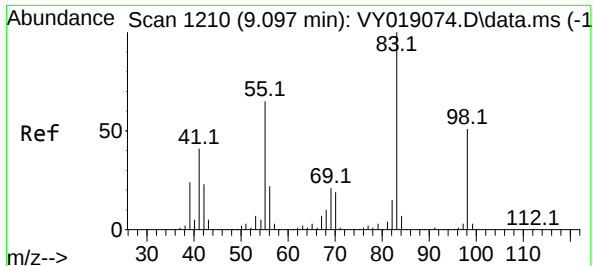
Ion Ratio Lower Upper

117 100

119 95.6 75.8 113.6

121 30.2 24.0 36.0





#39

Methylcyclohexane

Concen: 49.345 ug/l

RT: 9.097 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

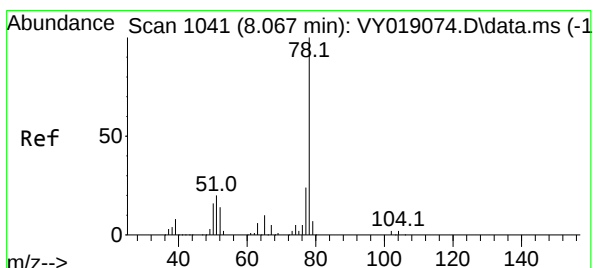
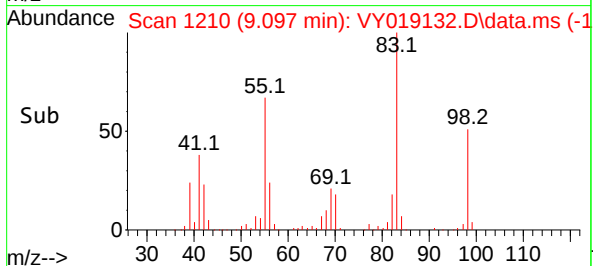
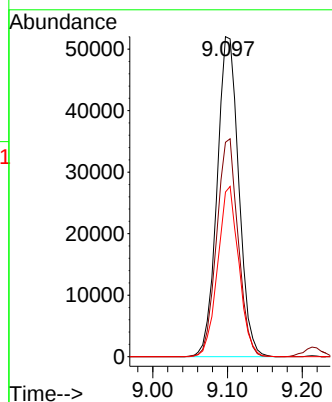
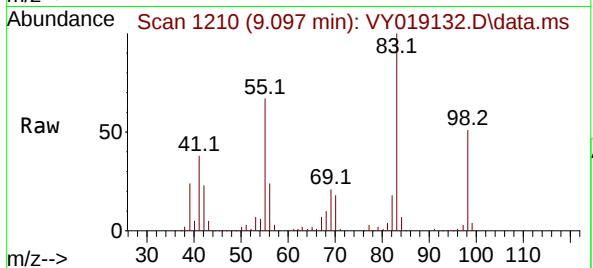
Tgt Ion: 83 Resp: 105025

Ion Ratio Lower Upper

83 100

55 67.0 51.5 77.3

98 51.5 40.5 60.7



#40

Benzene

Concen: 52.839 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019132.D

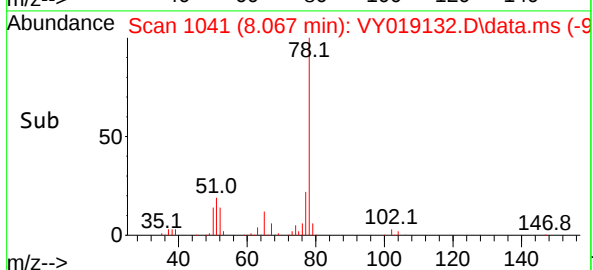
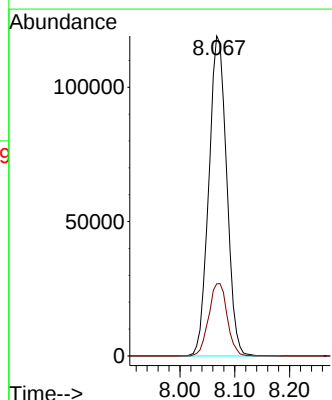
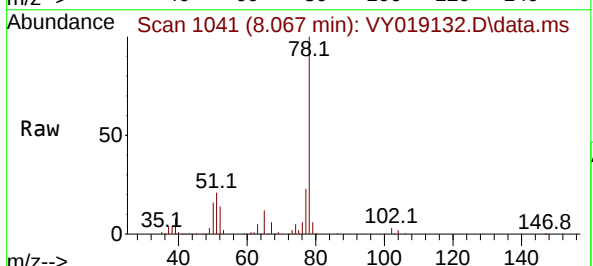
Acq: 19 Aug 2024 21:29

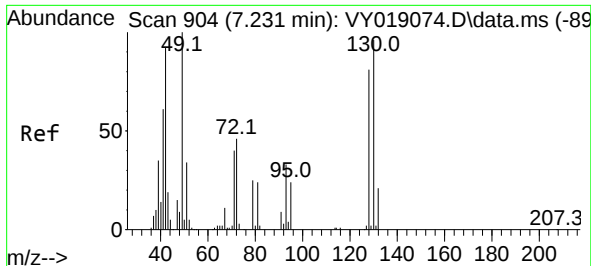
Tgt Ion: 78 Resp: 268771

Ion Ratio Lower Upper

78 100

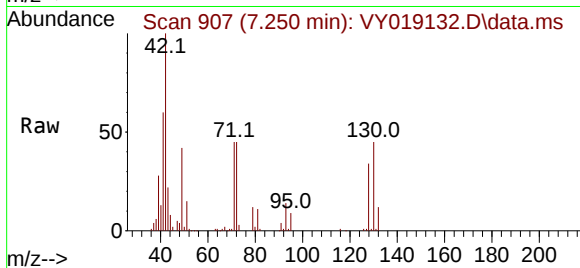
77 22.6 19.5 29.3



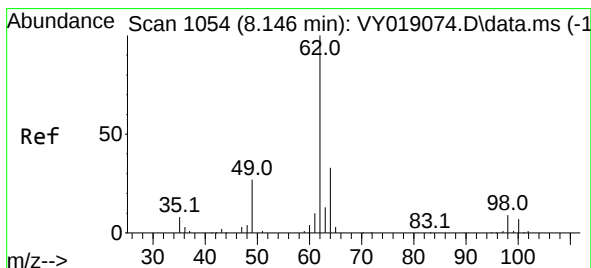
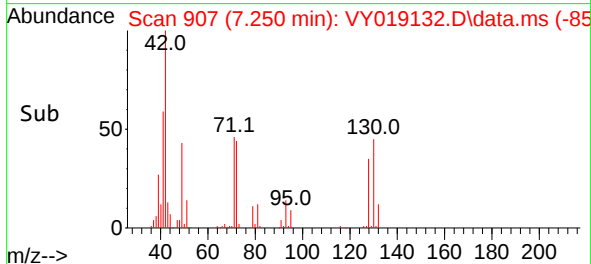
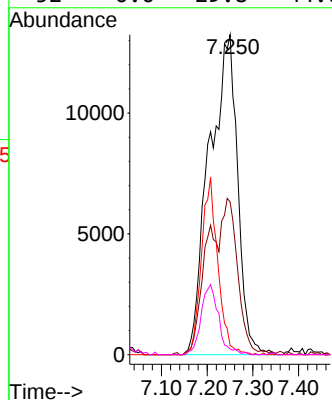


#41
Methacrylonitrile
Concen: 141.859 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.019 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Instrument :
MSVOA_Y
ClientSampleId :

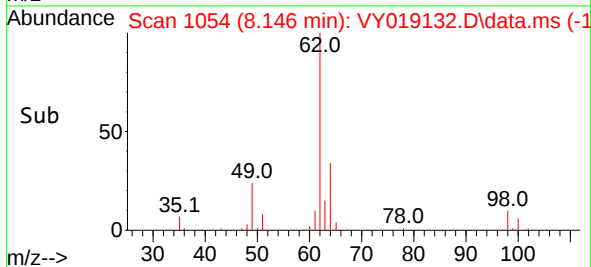
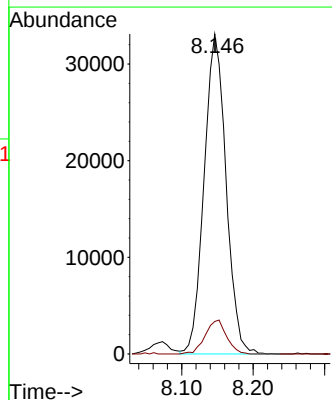
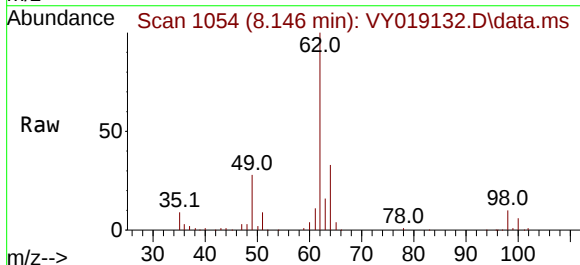


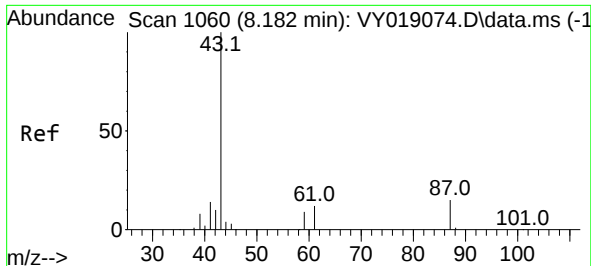
Tgt Ion: 41 Resp: 56895
Ion Ratio Lower Upper
41 100
39 27.9 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 51.327 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 62 Resp: 70503
Ion Ratio Lower Upper
62 100
98 10.3 0.0 22.0





#43

Isopropyl Acetate

Concen: 53.206 ug/l

RT: 8.183 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY019132.D

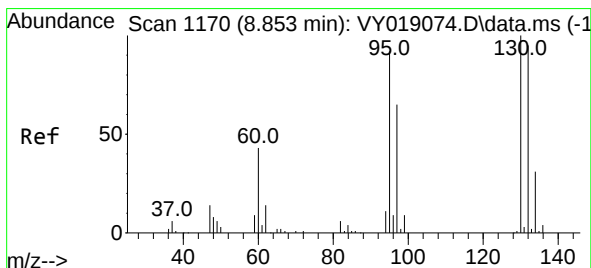
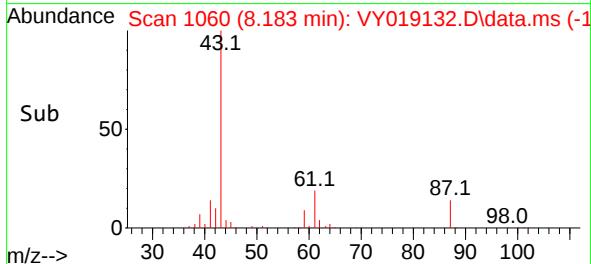
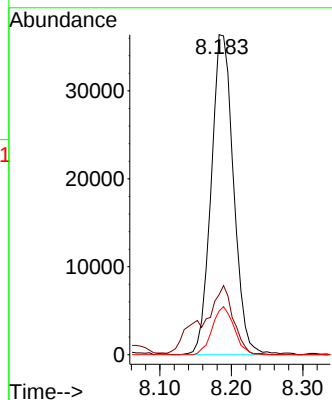
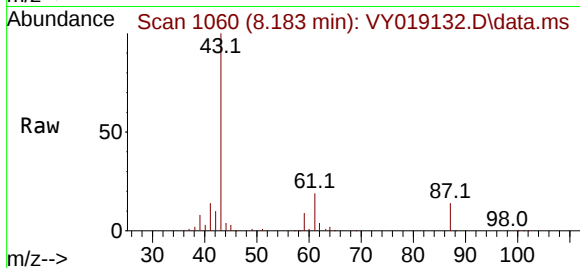
Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	79068
Ion	Ratio	Lower	Upper
43	100		
61	21.5	27.9	41.9#
87	14.6	13.1	19.7



#44

Trichloroethene

Concen: 51.621 ug/l

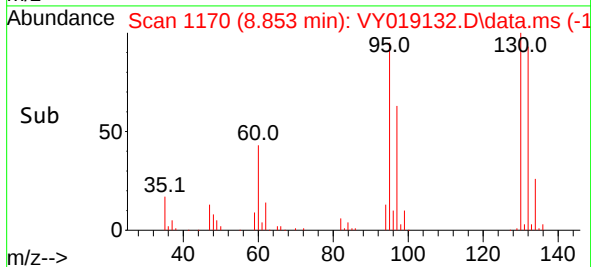
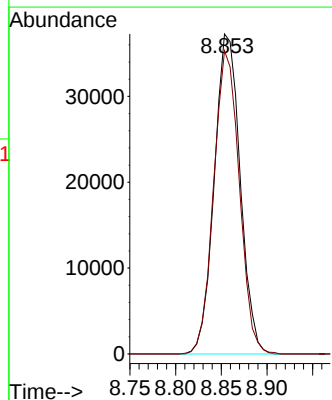
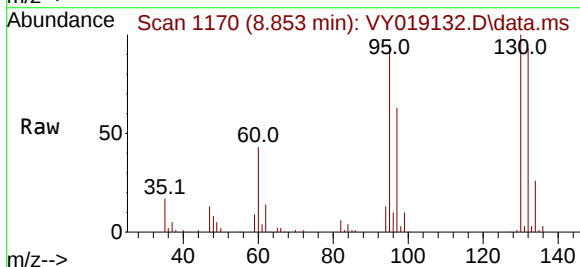
RT: 8.853 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Tgt Ion:	130	Resp:	73267
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.862 ug/l

RT: 9.134 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

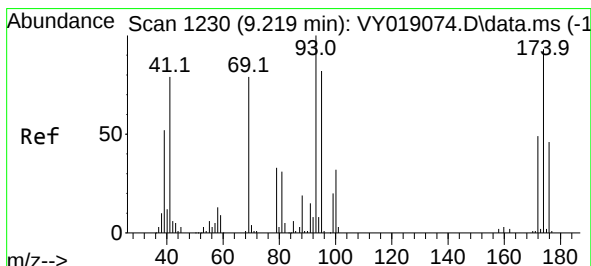
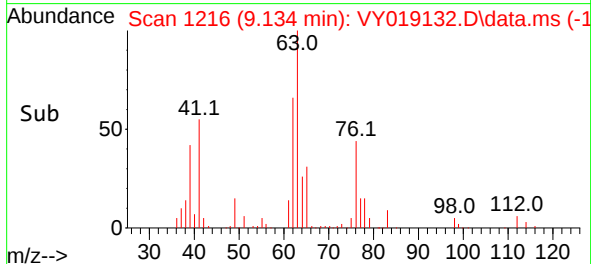
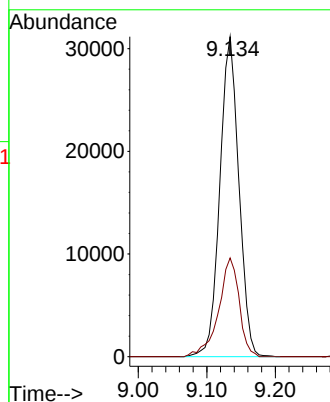
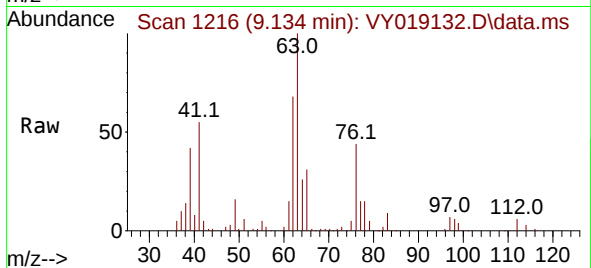
ClientSampleId :

Tgt Ion: 63 Resp: 59909

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 52.733 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

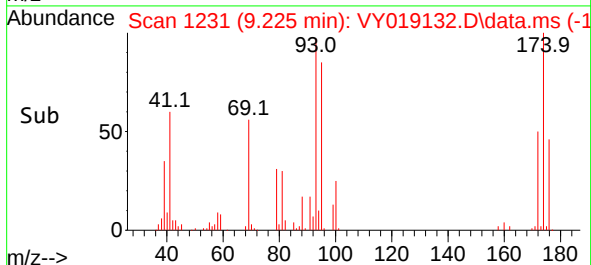
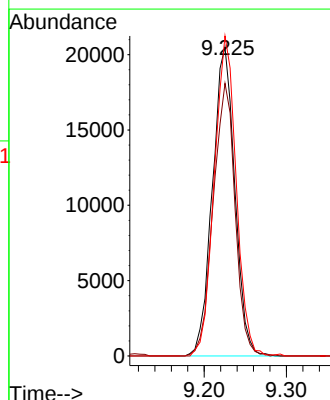
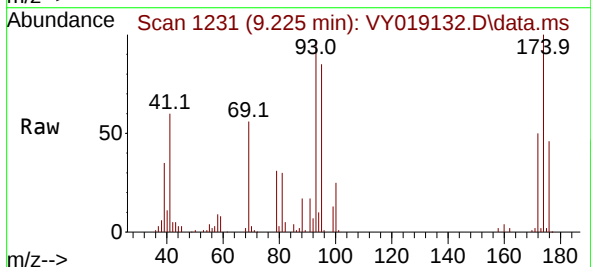
Tgt Ion: 93 Resp: 38762

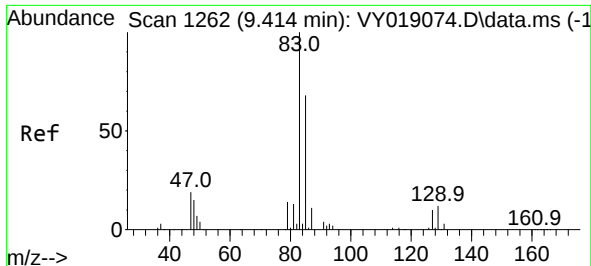
Ion Ratio Lower Upper

93 100

95 86.1 66.2 99.4

174 101.3 80.9 121.3

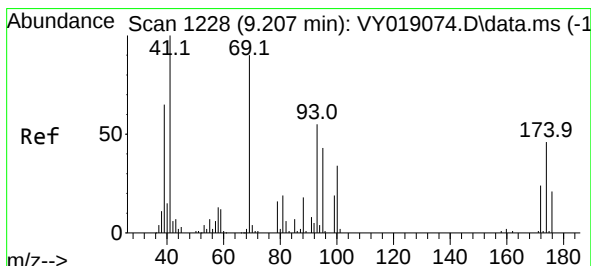
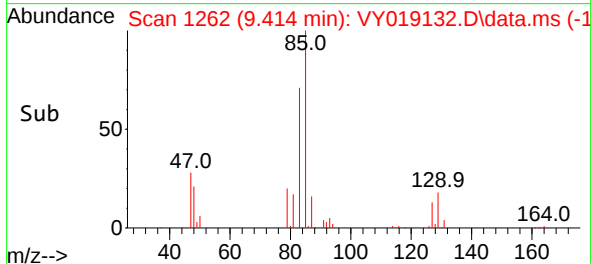
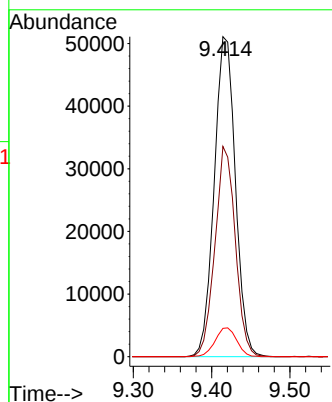
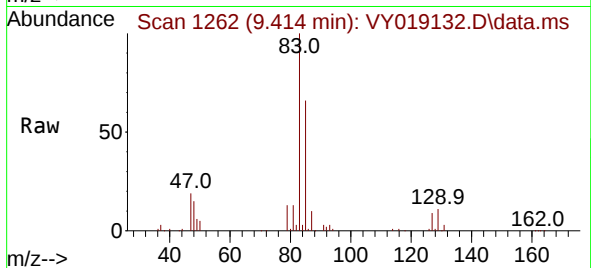




#47
Bromodichloromethane
Concen: 53.294 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

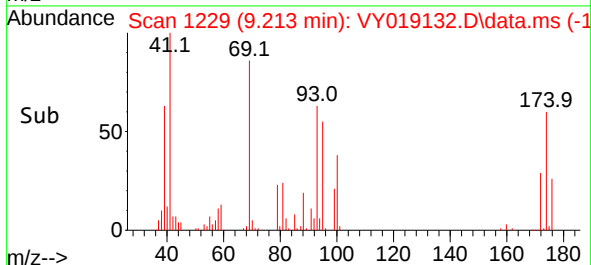
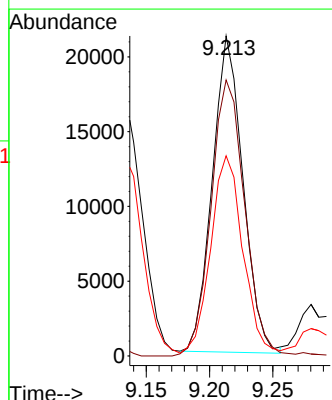
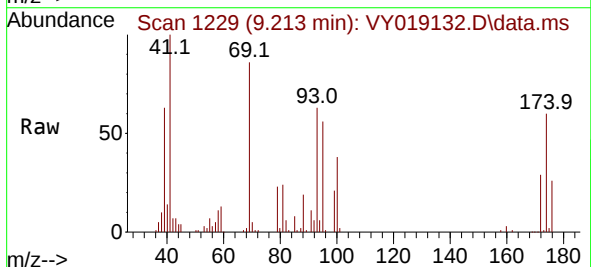
Instrument :
MSVOA_Y
ClientSampleId :

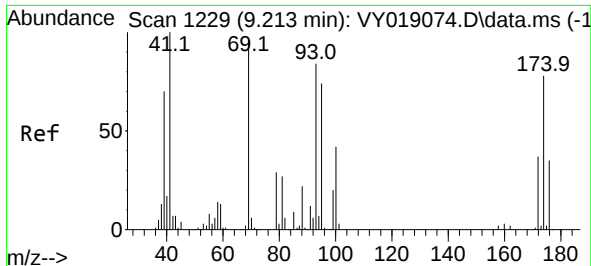
Tgt Ion: 83 Resp: 96110
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 53.756 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 41 Resp: 35602
Ion Ratio Lower Upper
41 100
69 95.9 84.1 126.1
39 65.3 43.6 65.4





#49

1,4-Dioxane

Concen: 1105.194 ug/l

RT: 9.219 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

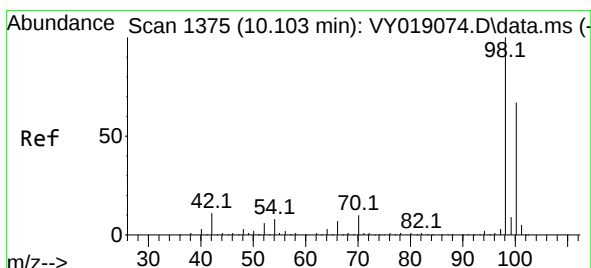
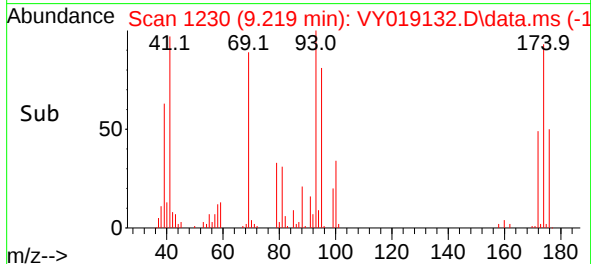
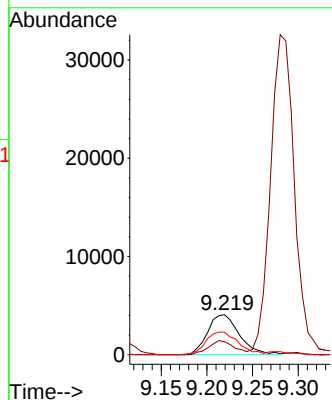
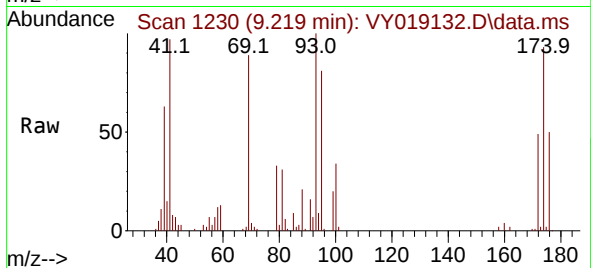
Tgt Ion: 88 Resp: 9841

Ion Ratio Lower Upper

88 100

43 28.5 0.0 0.0#

58 57.6 49.3 73.9



#50

Toluene-d8

Concen: 51.523 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019132.D

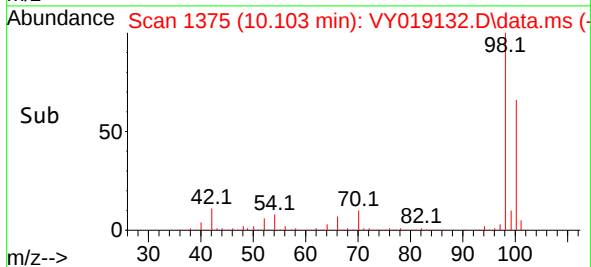
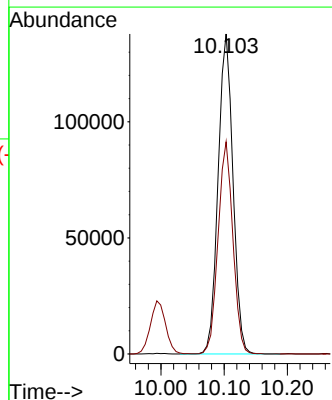
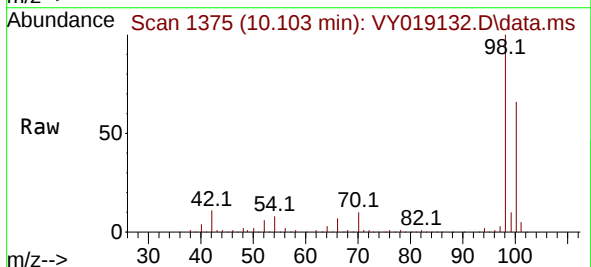
Acq: 19 Aug 2024 21:29

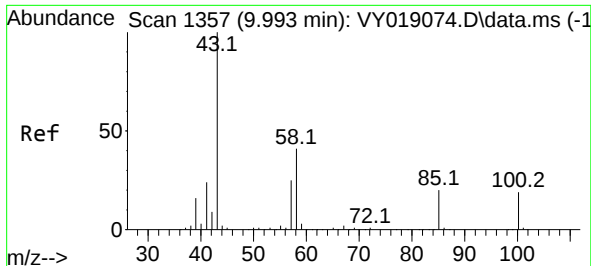
Tgt Ion: 98 Resp: 223946

Ion Ratio Lower Upper

98 100

100 66.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 273.248 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

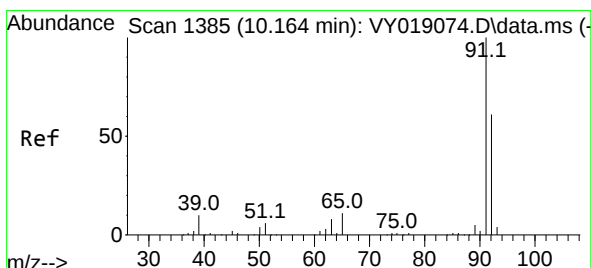
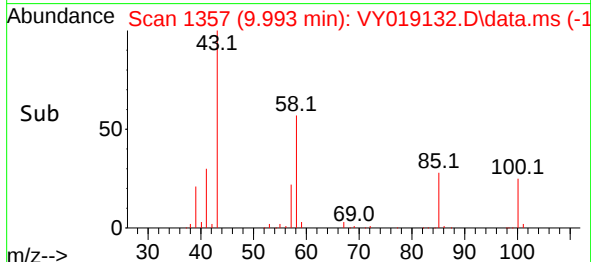
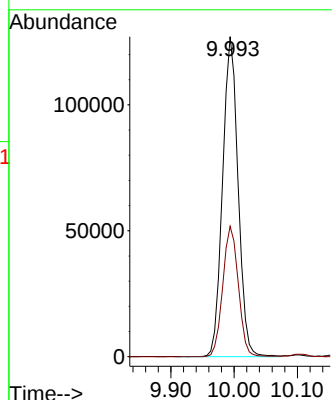
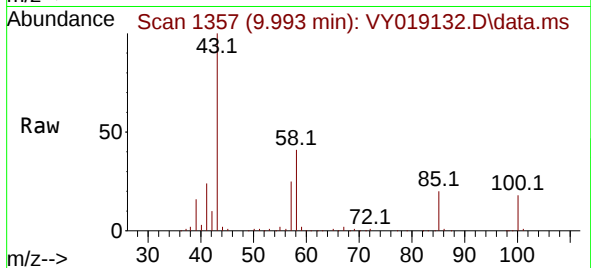
ClientSampleId :

Tgt Ion: 43 Resp: 215524

Ion Ratio Lower Upper

43 100

58 40.9 35.7 53.5



#52

Toluene

Concen: 53.417 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019132.D

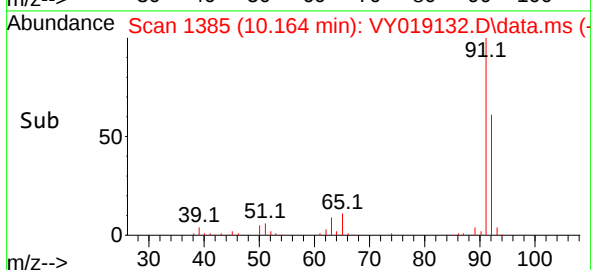
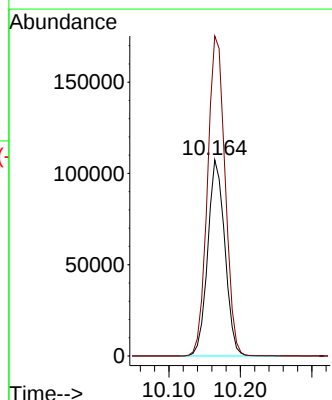
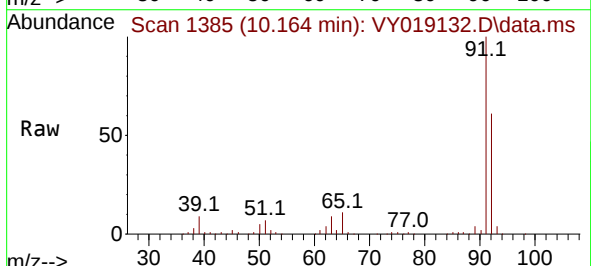
Acq: 19 Aug 2024 21:29

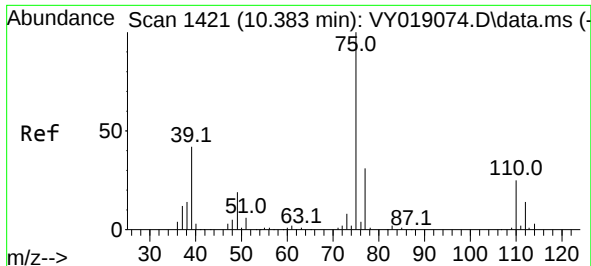
Tgt Ion: 92 Resp: 178357

Ion Ratio Lower Upper

92 100

91 167.8 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 53.301 ug/l

RT: 10.390 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

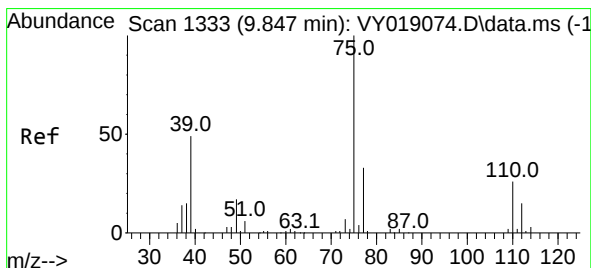
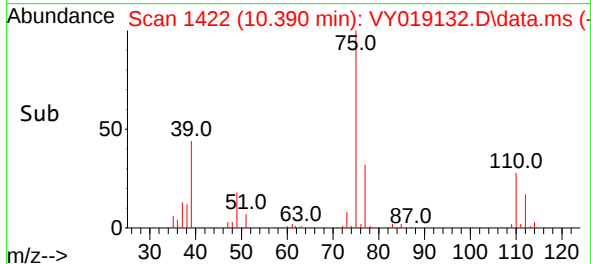
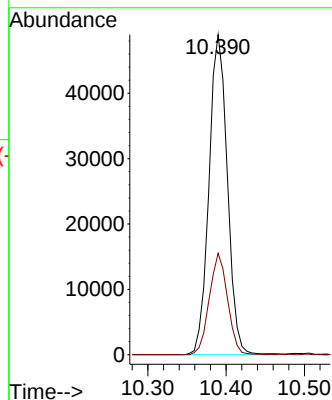
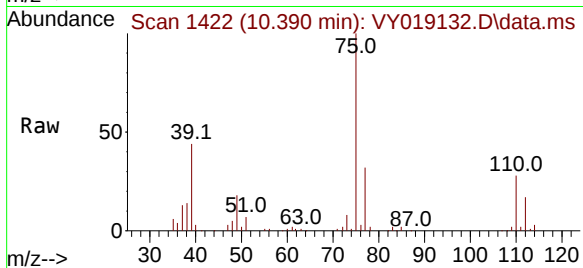
ClientSampleId :

Tgt Ion: 75 Resp: 79738

Ion Ratio Lower Upper

75 100

77 31.7 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 51.195 ug/l

RT: 9.853 min Scan# 1334

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

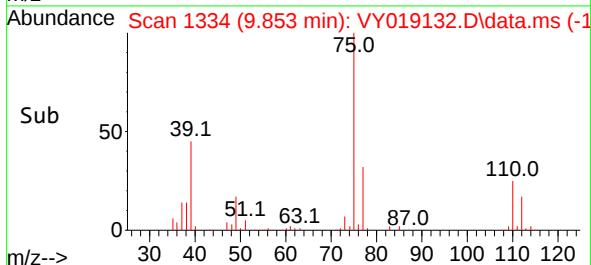
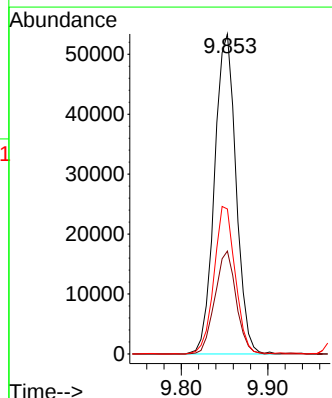
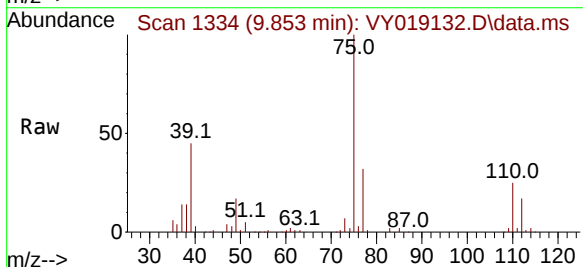
Tgt Ion: 75 Resp: 92105

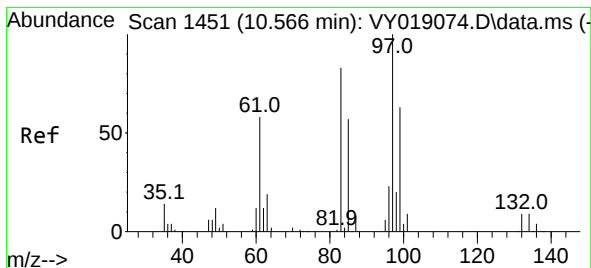
Ion Ratio Lower Upper

75 100

77 32.2 25.4 38.0

39 45.3 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 54.039 ug/l

RT: 10.567 min Scan# 14

Delta R.T. 0.000 min

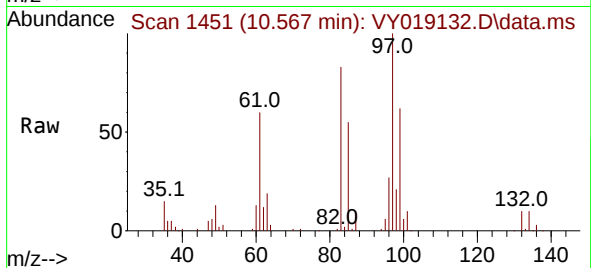
Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 51136

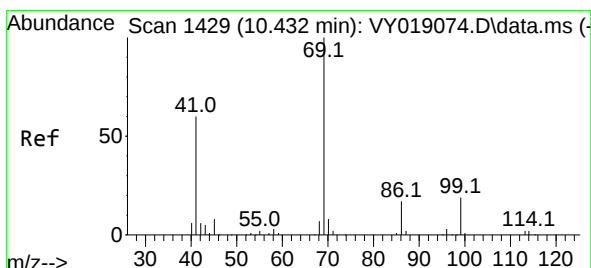
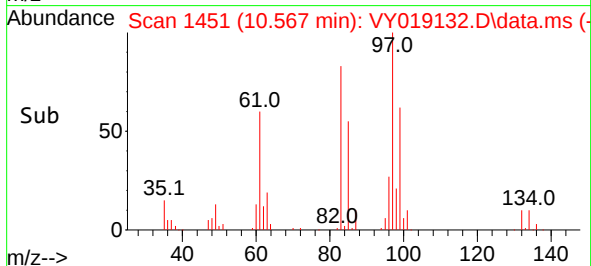
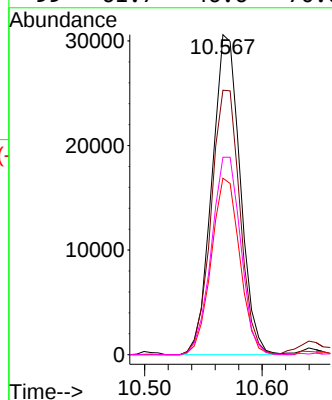
Ion Ratio Lower Upper

97 100

83 82.7 67.5 101.3

85 55.2 42.9 64.3

99 61.7 46.6 70.0



#56

Ethyl methacrylate

Concen: 55.463 ug/l

RT: 10.438 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

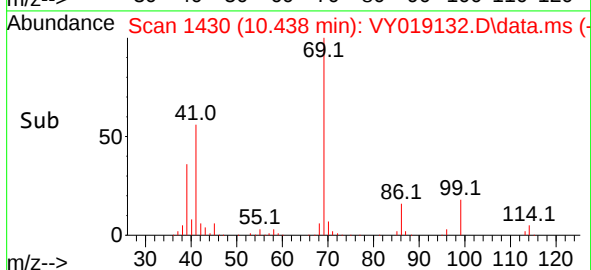
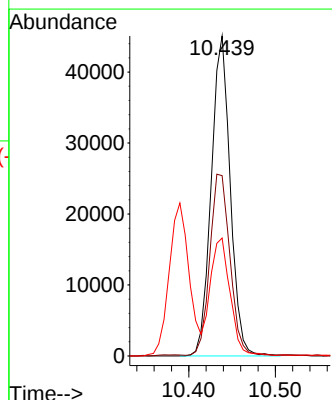
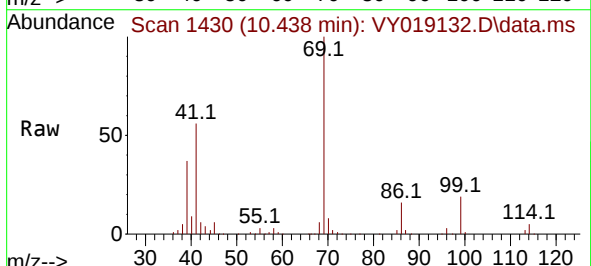
Tgt Ion: 69 Resp: 68696

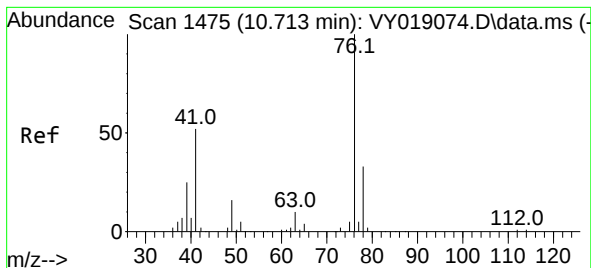
Ion Ratio Lower Upper

69 100

41 59.9 42.3 63.5

39 38.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 54.163 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

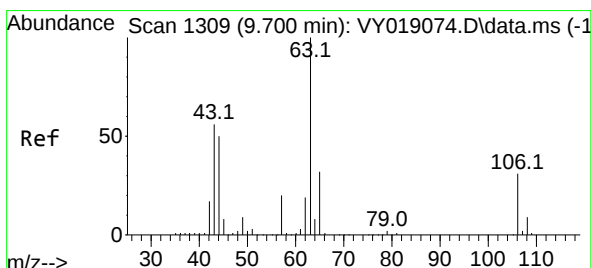
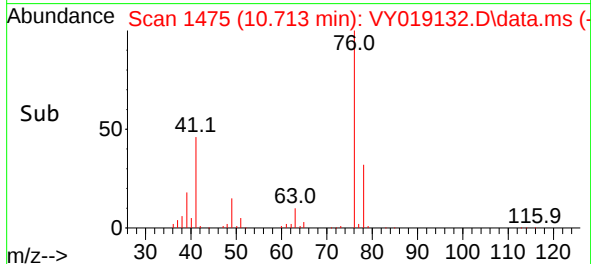
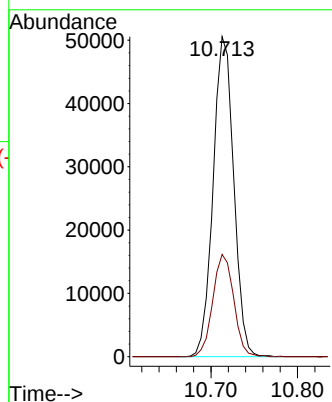
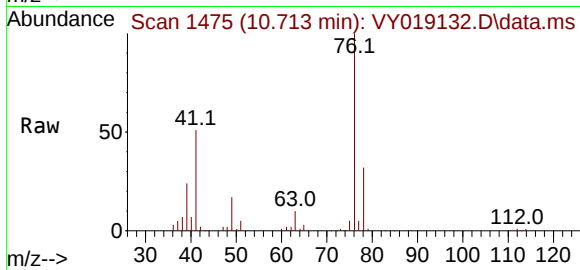
ClientSampleId :

Tgt Ion: 76 Resp: 83551

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 262.730 ug/l

RT: 9.707 min Scan# 1310

Delta R.T. 0.006 min

Lab File: VY019132.D

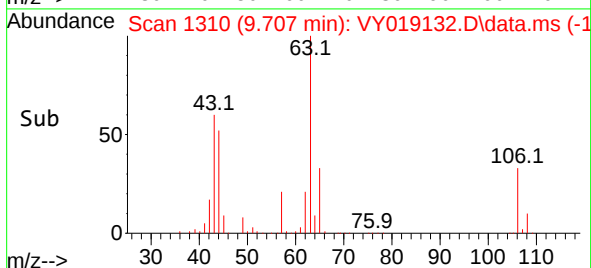
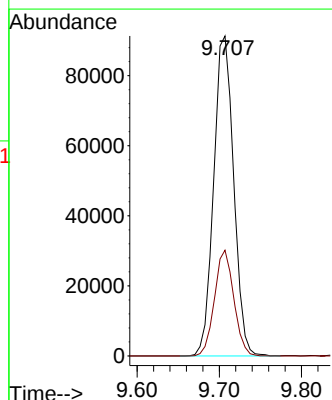
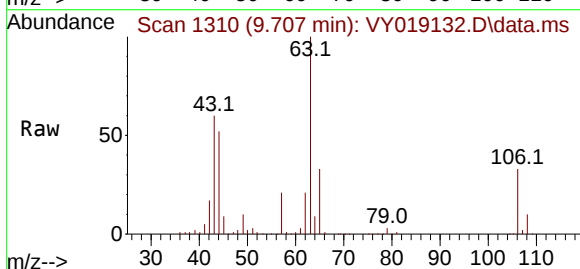
Acq: 19 Aug 2024 21:29

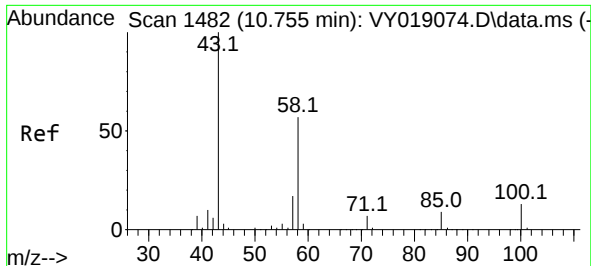
Tgt Ion: 63 Resp: 154376

Ion Ratio Lower Upper

63 100

106 31.9 23.7 35.5

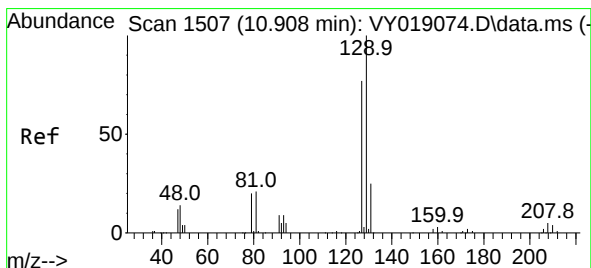
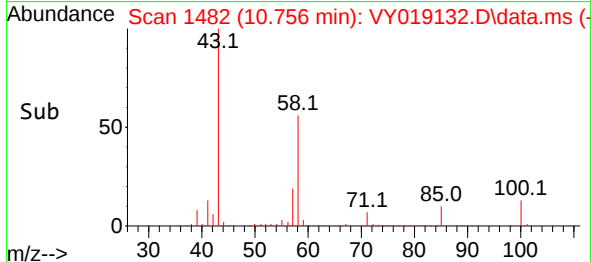
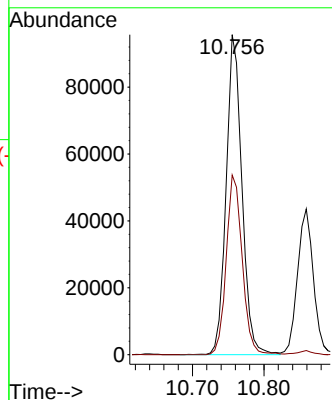
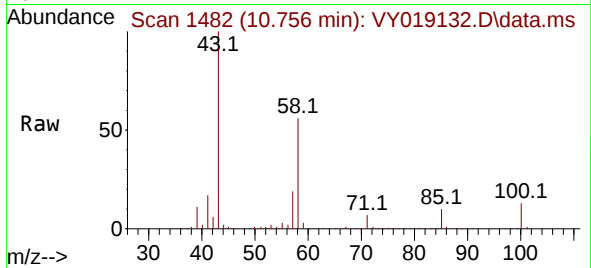




#59
2-Hexanone
Concen: 270.483 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

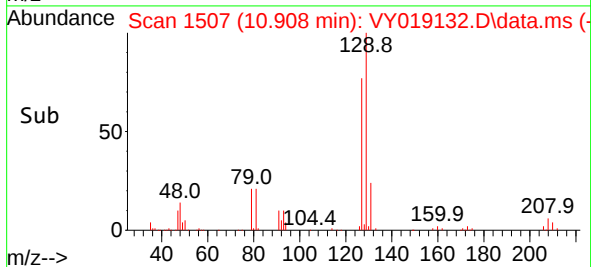
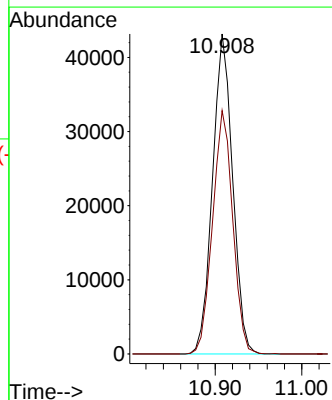
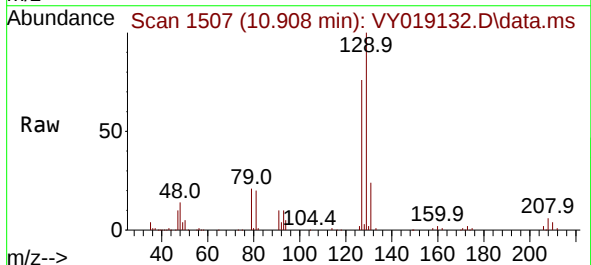
Instrument :
MSVOA_Y
ClientSampleId :

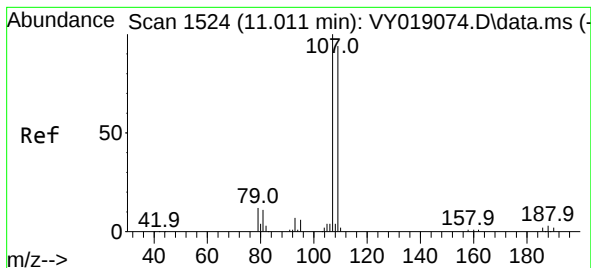
Tgt Ion: 43 Resp: 146571
Ion Ratio Lower Upper
43 100
58 56.9 31.4 94.0



#60
Dibromochloromethane
Concen: 53.995 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 129 Resp: 69591
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 53.778 ug/l

RT: 11.012 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

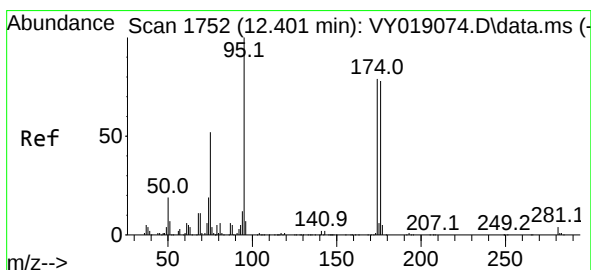
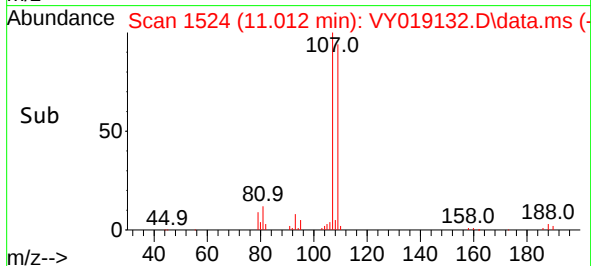
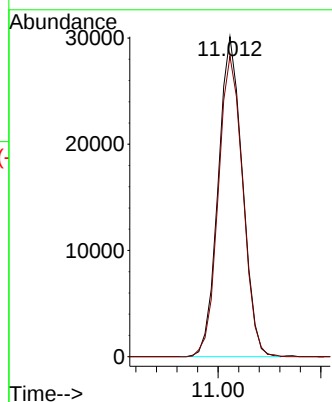
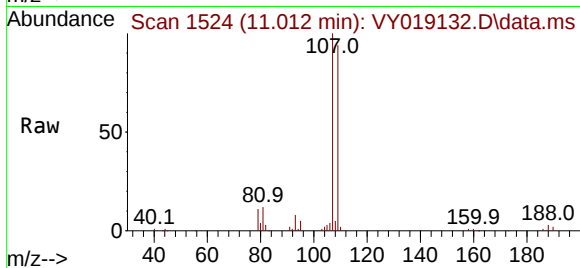
ClientSampleId :

Tgt Ion:107 Resp: 49186

Ion Ratio Lower Upper

107 100

109 95.0 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.430 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

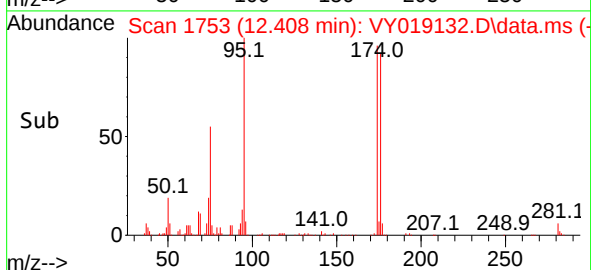
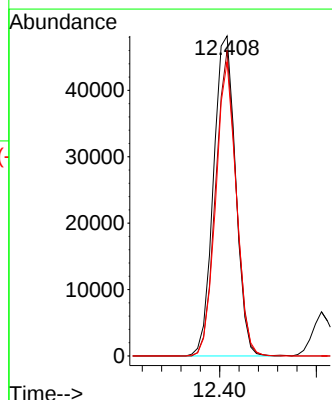
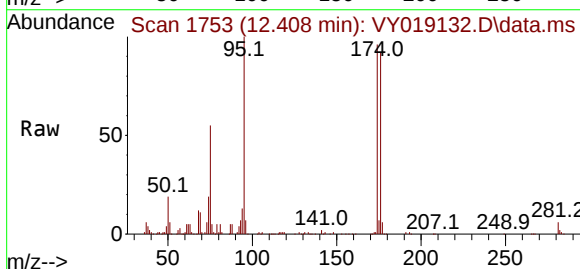
Tgt Ion: 95 Resp: 76204

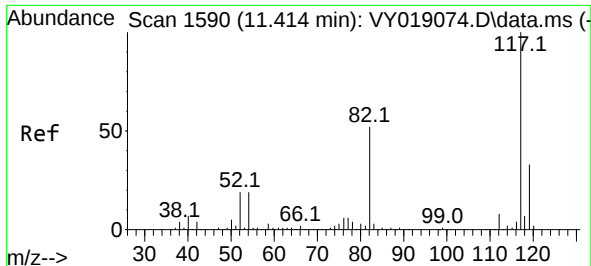
Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.6

176 85.7 0.0 171.4

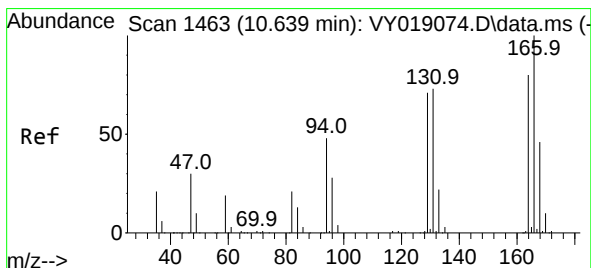
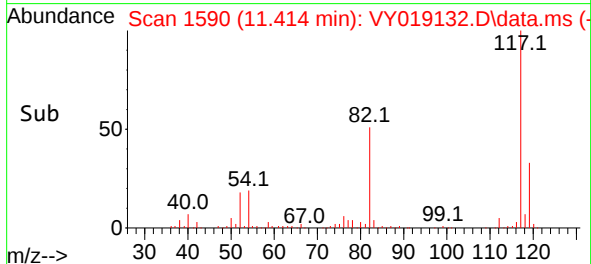
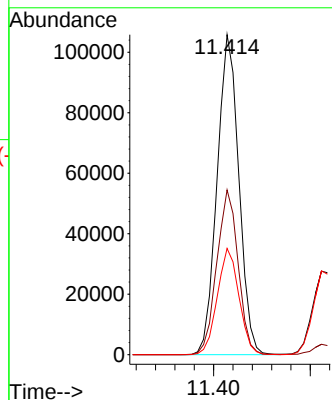
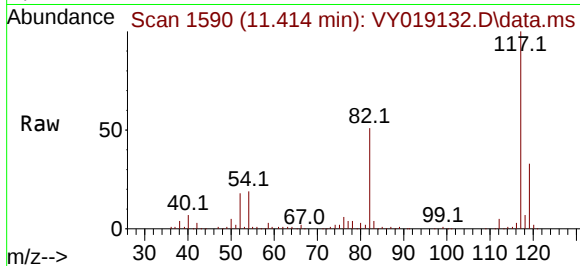




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

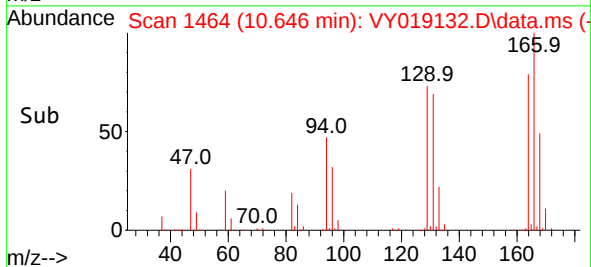
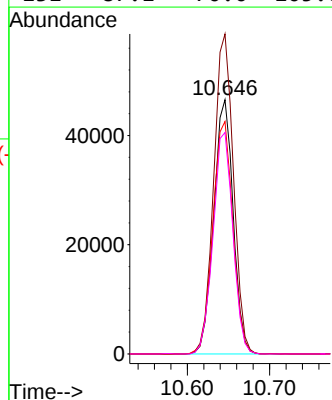
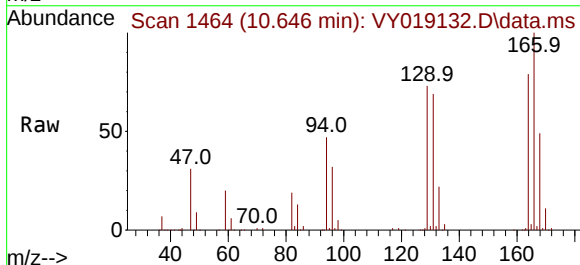
Instrument :
MSVOA_Y
ClientSampleId :

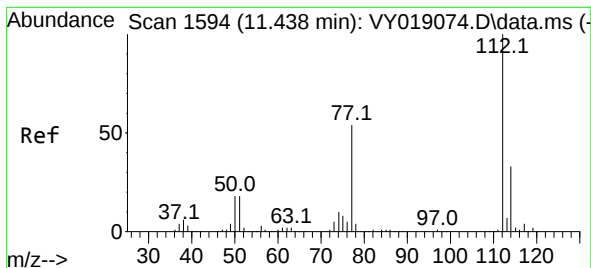
Tgt Ion:117 Resp: 165137
Ion Ratio Lower Upper
117 100
82 51.5 42.4 63.6
119 33.2 25.9 38.9



#64
Tetrachloroethene
Concen: 52.959 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion:164 Resp: 76442
Ion Ratio Lower Upper
164 100
166 125.9 102.6 154.0
129 91.5 72.0 108.0
131 87.1 70.0 105.0





#65

Chlorobenzene

Concen: 51.489 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

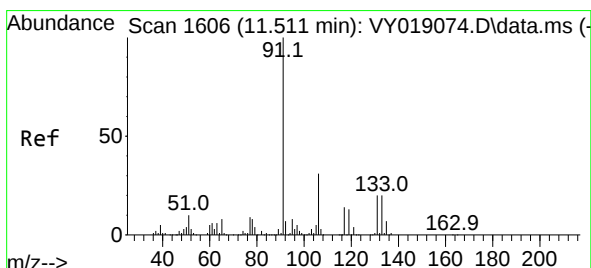
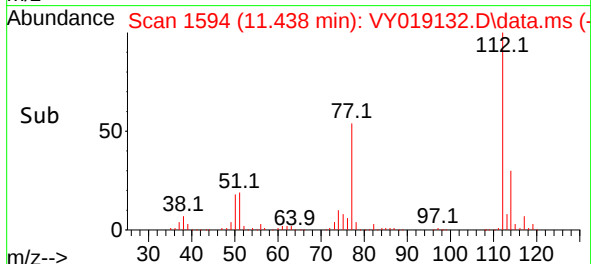
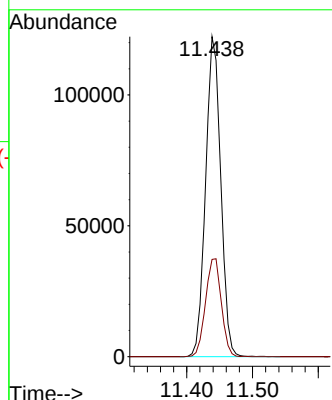
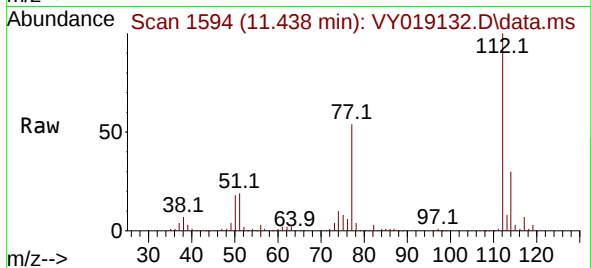
ClientSampleId :

Tgt Ion:112 Resp: 195787

Ion Ratio Lower Upper

112 100

114 30.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.142 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

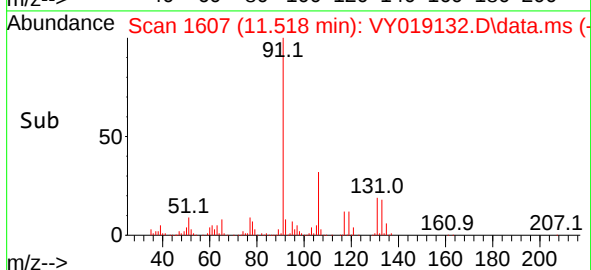
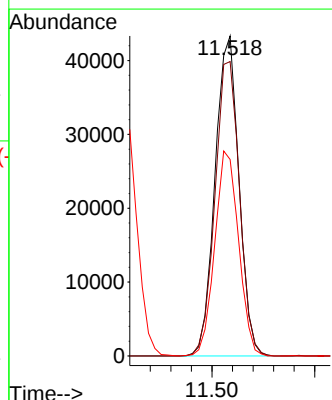
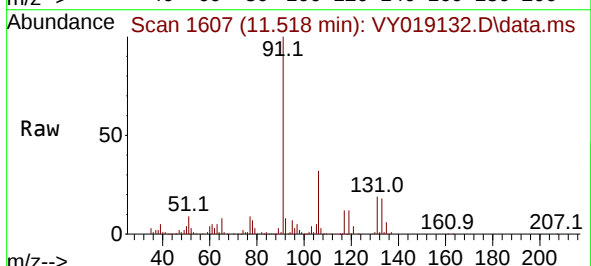
Tgt Ion:131 Resp: 69725

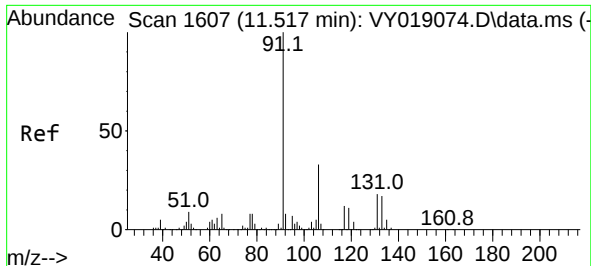
Ion Ratio Lower Upper

131 100

133 94.6 47.8 143.3

119 64.1 34.1 102.2





#67

Ethyl Benzene

Concen: 50.960 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

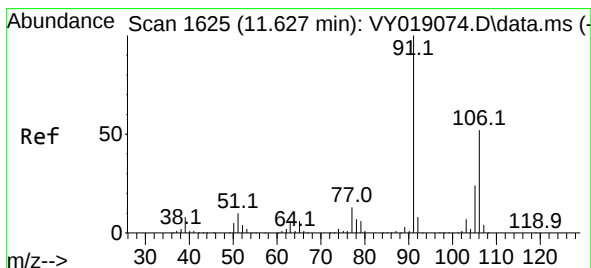
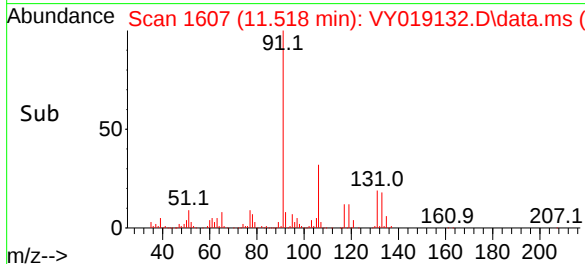
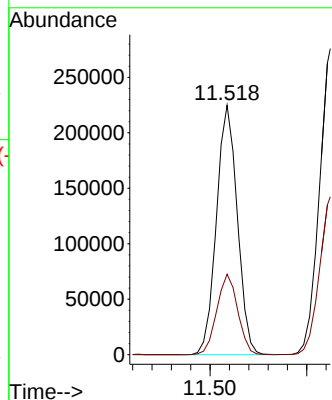
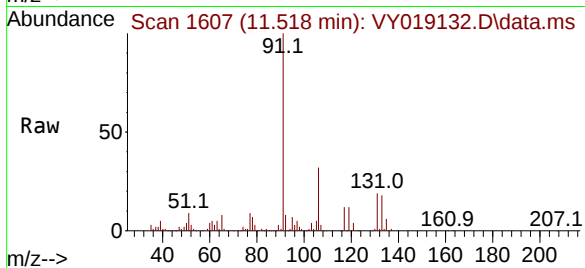
ClientSampleId :

Tgt Ion: 91 Resp: 336330

Ion Ratio Lower Upper

91 100

106 32.3 24.5 36.7



#68

m/p-Xylenes

Concen: 102.438 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY019132.D

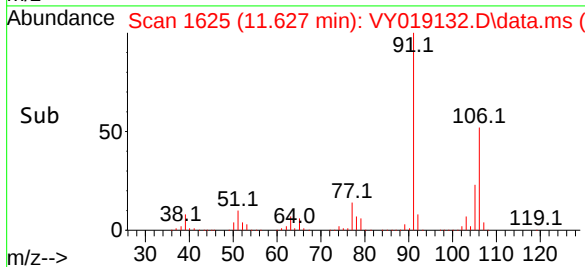
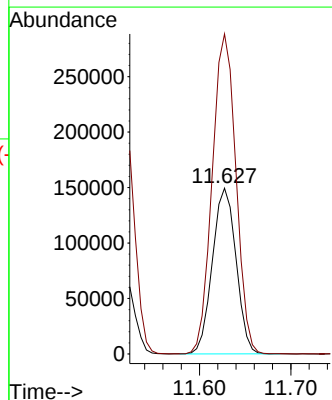
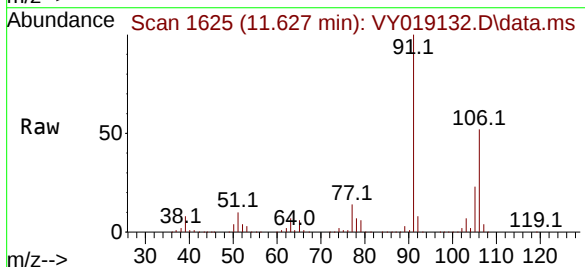
Acq: 19 Aug 2024 21:29

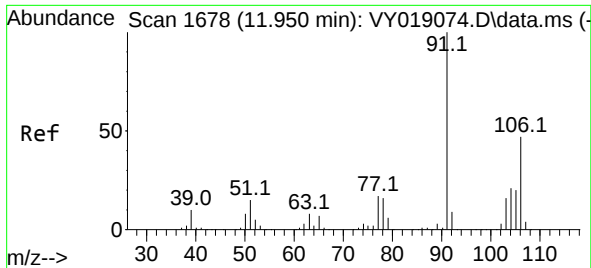
Tgt Ion:106 Resp: 268260

Ion Ratio Lower Upper

106 100

91 193.9 156.0 234.0

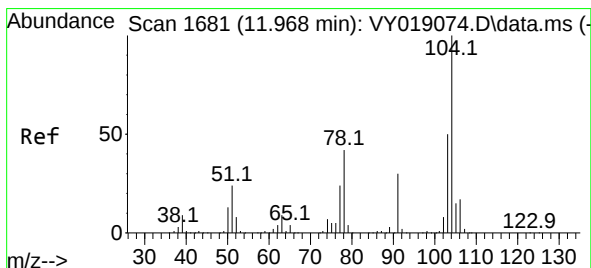
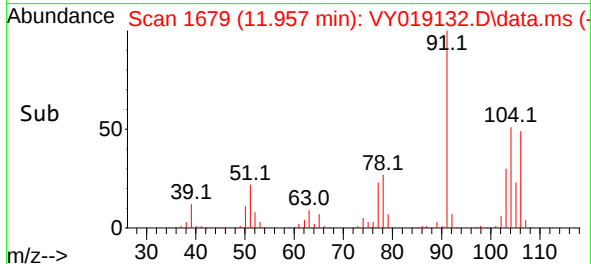
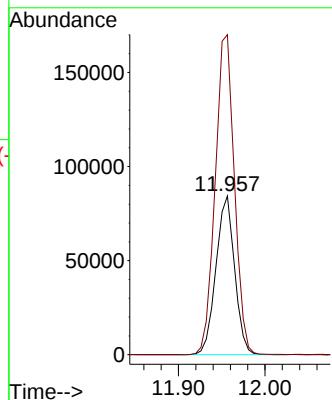
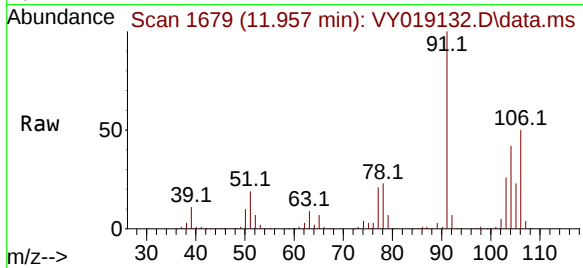




#69
o-Xylene
Concen: 52.063 ug/l
RT: 11.957 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

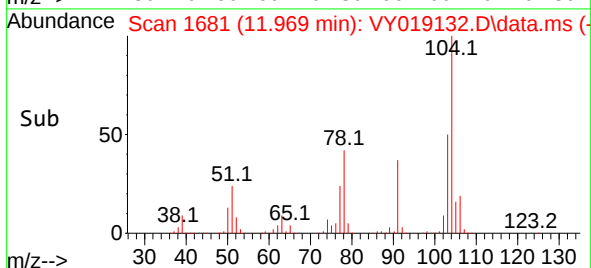
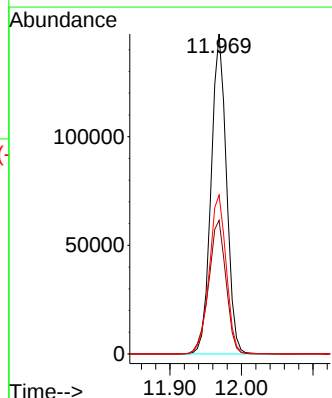
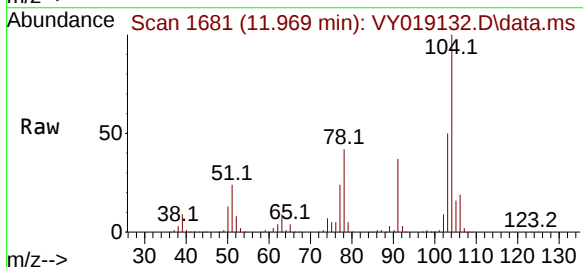
Instrument :
MSVOA_Y
ClientSampleId :

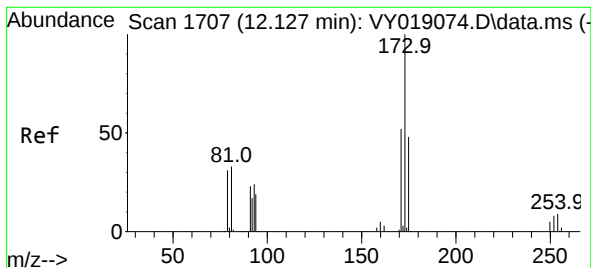
Tgt Ion:106 Resp: 126258
Ion Ratio Lower Upper
106 100
91 207.5 103.6 310.8



#70
Styrene
Concen: 53.125 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion:104 Resp: 219697
Ion Ratio Lower Upper
104 100
78 47.2 37.0 55.4
103 54.7 44.2 66.2





#71

Bromoform

Concen: 53.290 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019132.D

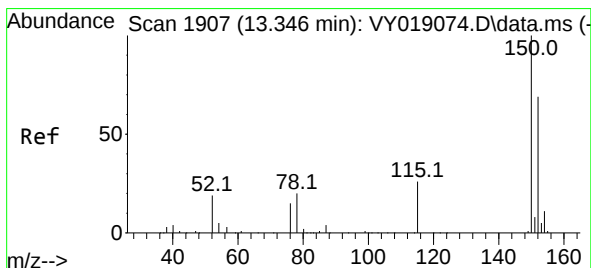
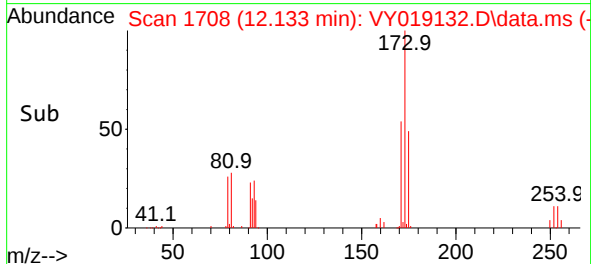
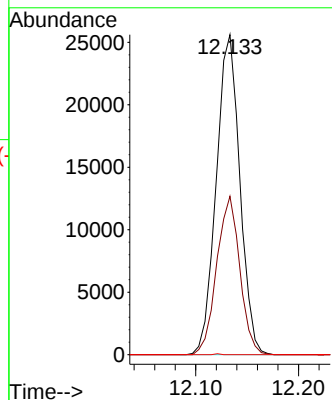
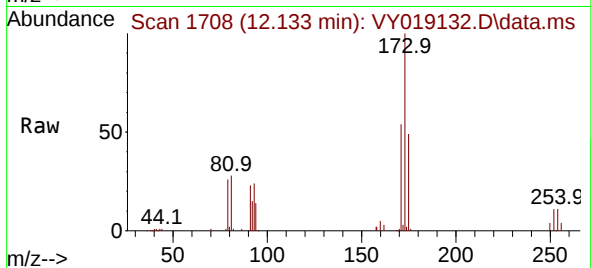
Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	40735
Ion Ratio	Lower	Upper
173	100	
175	48.5	25.1 75.3
254	0.1	0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

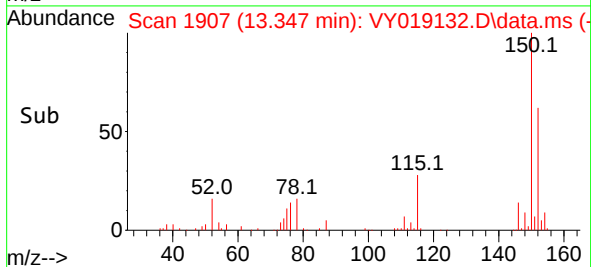
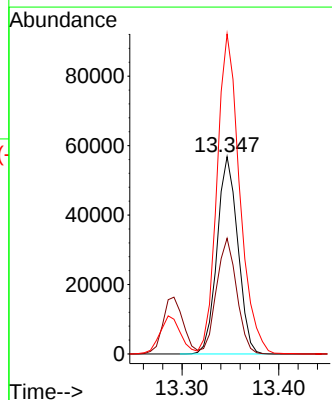
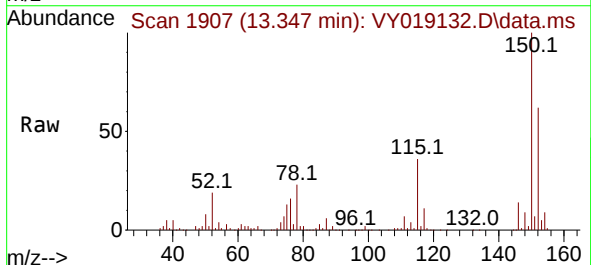
RT: 13.347 min Scan# 1907

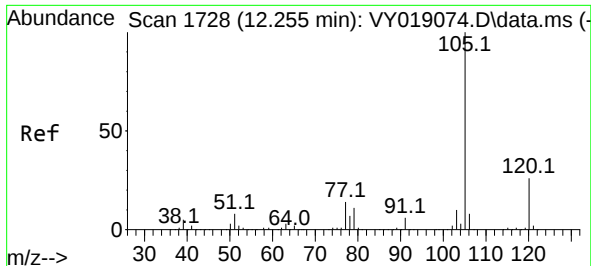
Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Tgt Ion:152	Resp:	84286
Ion Ratio	Lower	Upper
152	100	
115	57.3	28.2 84.7
150	177.7	0.0 345.6

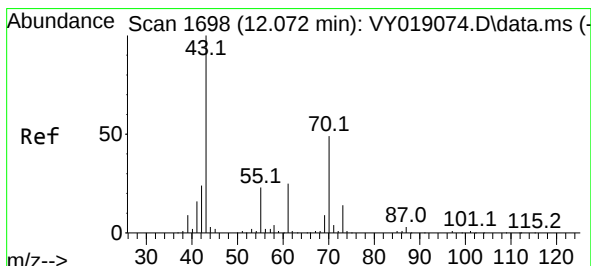
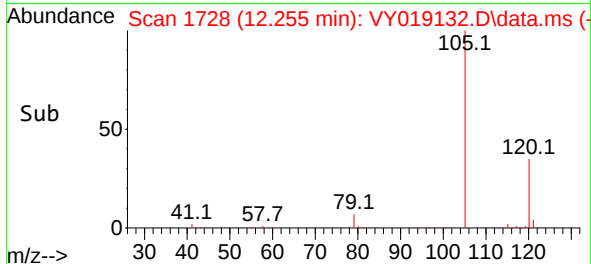
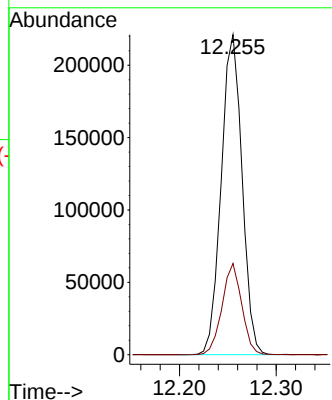
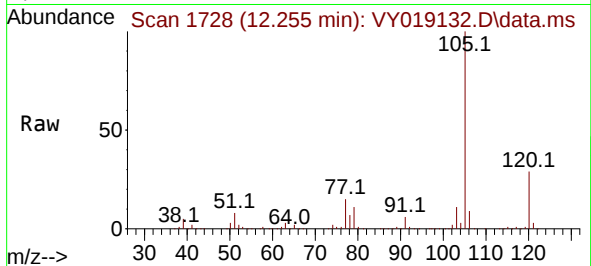




#73
Isopropylbenzene
Concen: 51.139 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

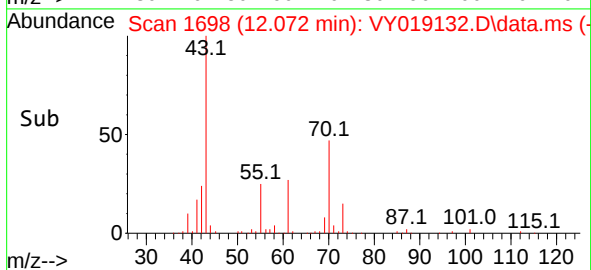
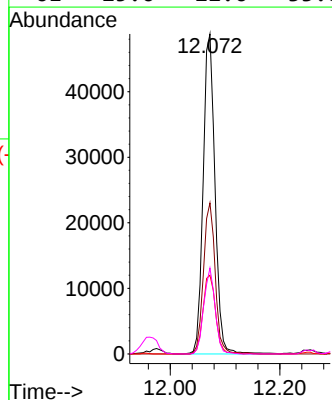
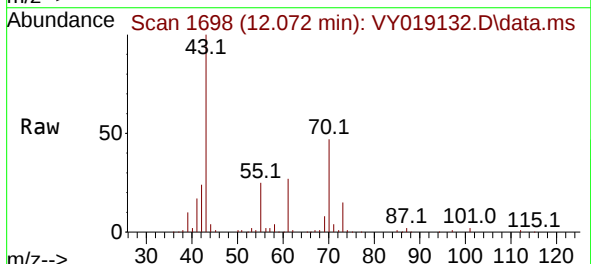
Instrument :
MSVOA_Y
ClientSampleId :

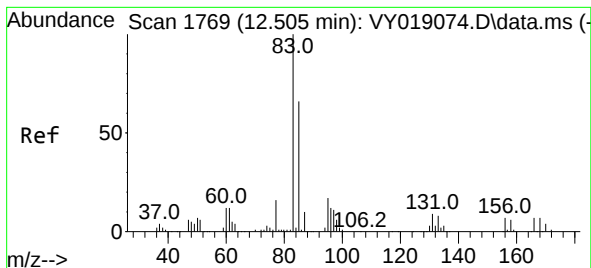
Tgt Ion:105 Resp: 330365
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 51.930 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 43 Resp: 73153
Ion Ratio Lower Upper
43 100
70 46.8 41.4 62.2
55 26.2 23.3 34.9
61 25.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 50.106 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

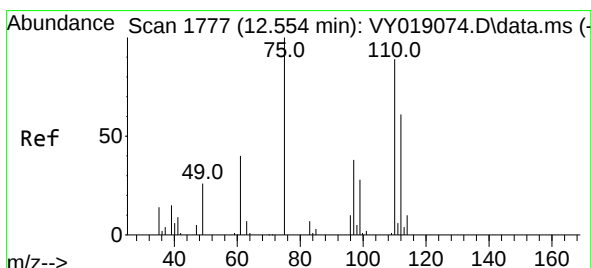
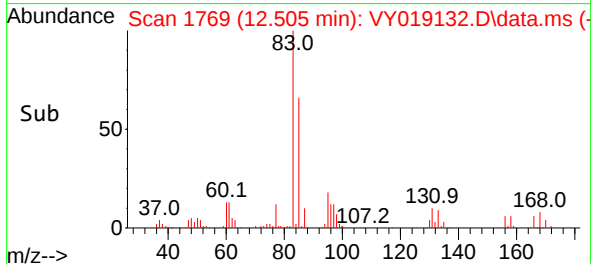
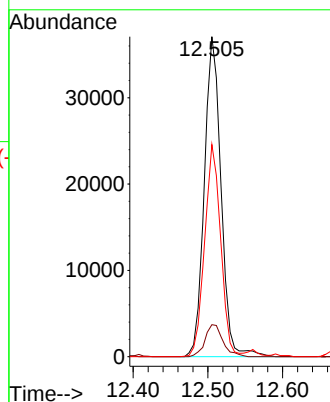
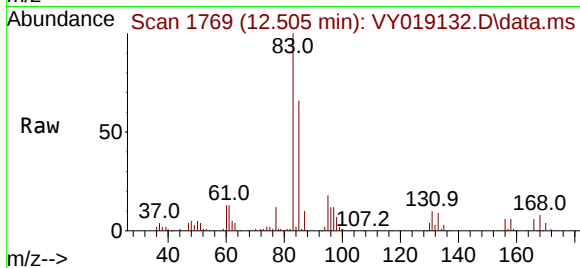
Tgt Ion: 83 Resp: 57626

Ion Ratio Lower Upper

83 100

131 10.7 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 86.221 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019132.D

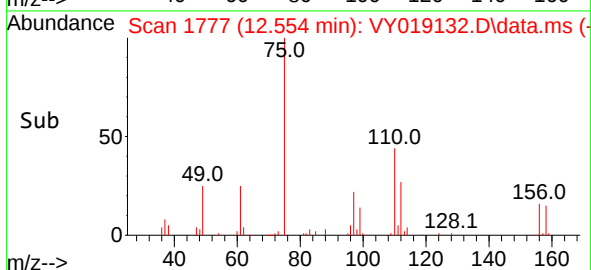
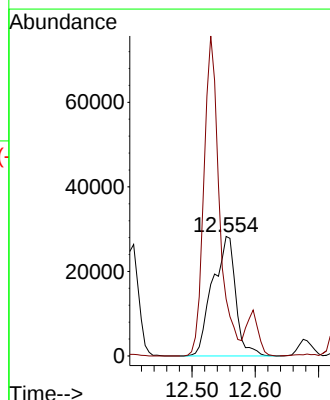
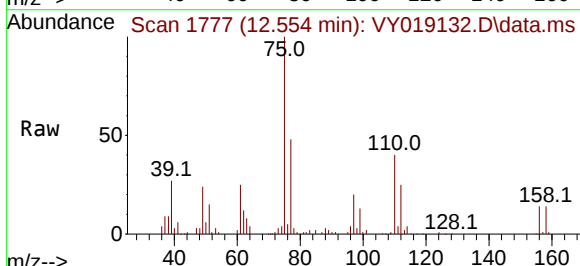
Acq: 19 Aug 2024 21:29

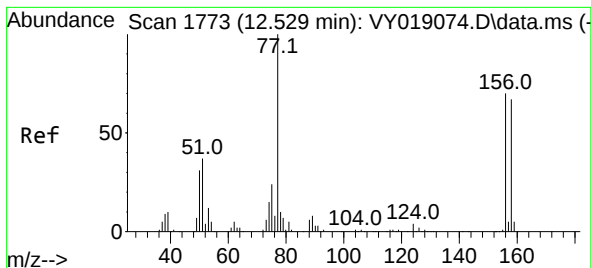
Tgt Ion: 75 Resp: 71668

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.877 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

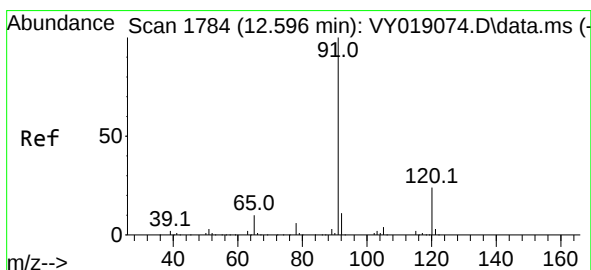
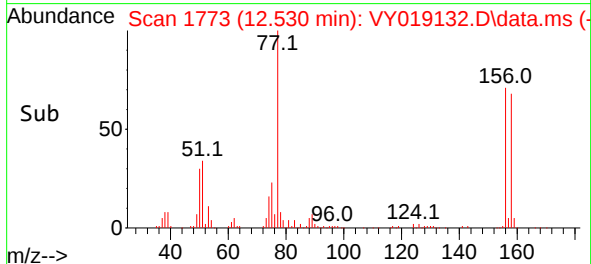
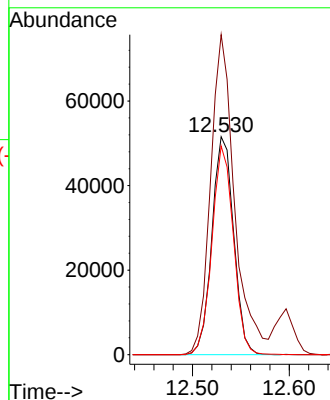
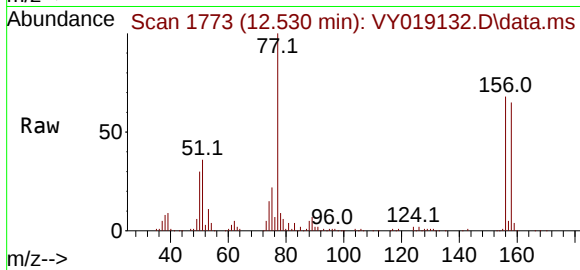
Tgt Ion:156 Resp: 80484

Ion Ratio Lower Upper

156 100

77 162.4 87.1 261.3

158 94.5 48.6 145.9



#78

n-propylbenzene

Concen: 49.819 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019132.D

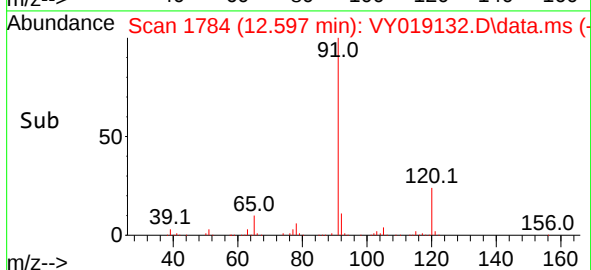
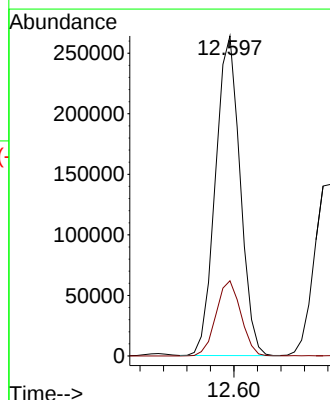
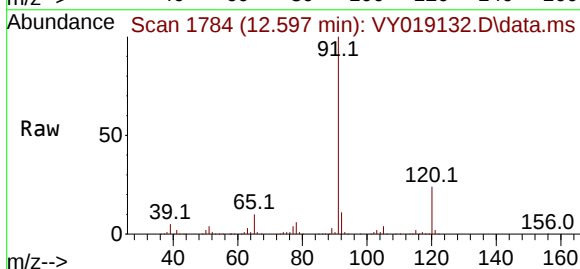
Acq: 19 Aug 2024 21:29

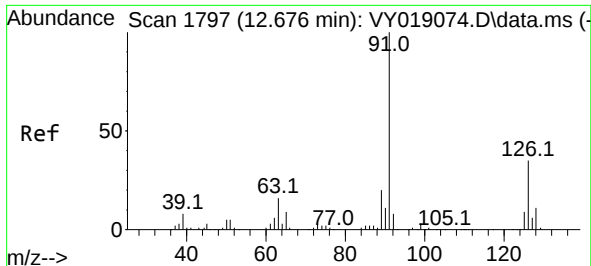
Tgt Ion: 91 Resp: 384738

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.987 ug/l

RT: 12.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

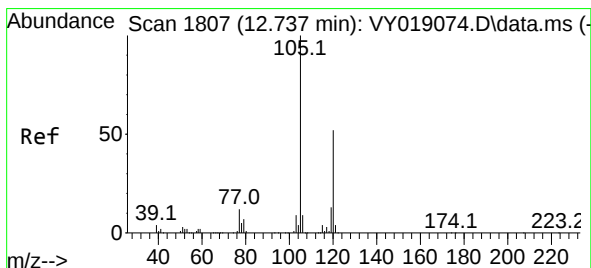
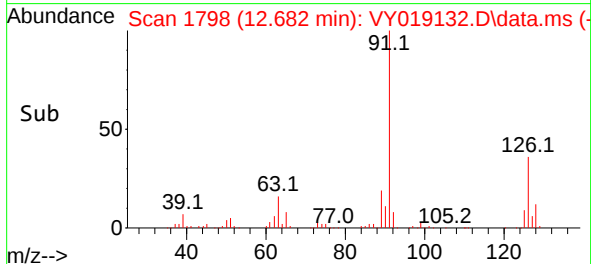
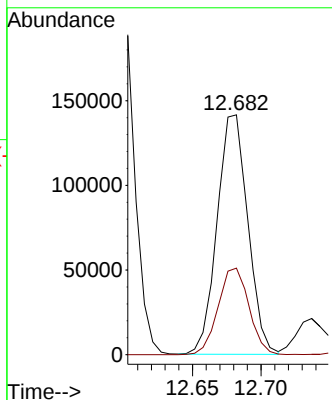
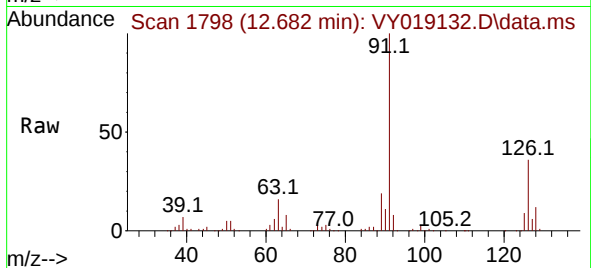
ClientSampleId :

Tgt Ion: 91 Resp: 220756

Ion Ratio Lower Upper

91 100

126 36.3 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 51.617 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019132.D

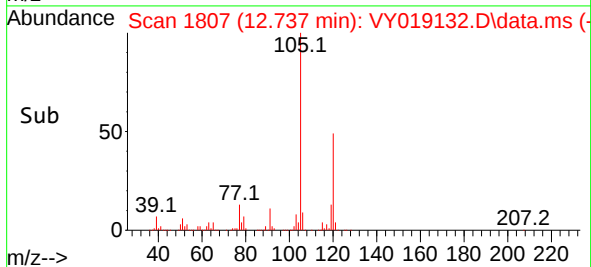
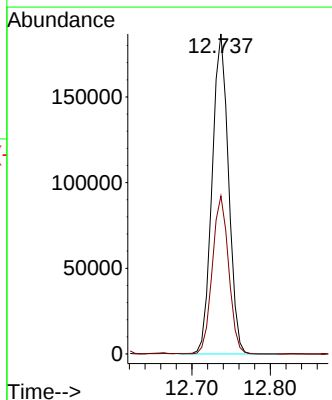
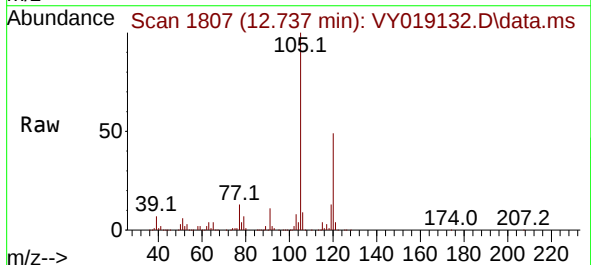
Acq: 19 Aug 2024 21:29

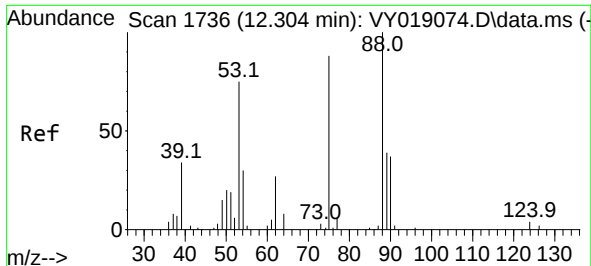
Tgt Ion:105 Resp: 271646

Ion Ratio Lower Upper

105 100

120 49.1 25.1 75.2

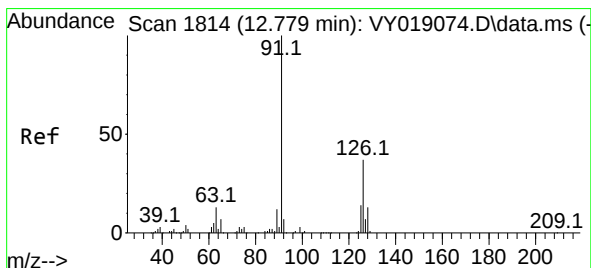
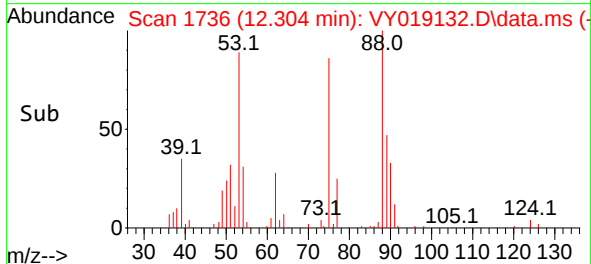
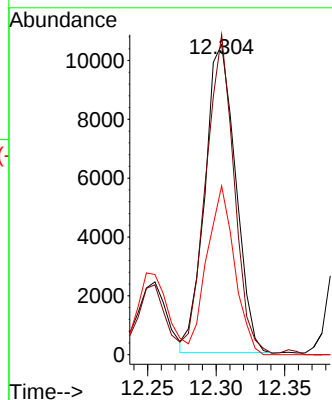
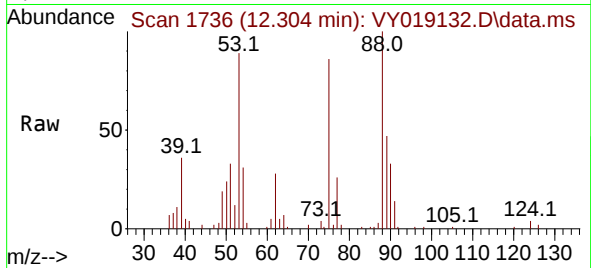




#81
trans-1,4-Dichloro-2-butene
Concen: 48.483 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

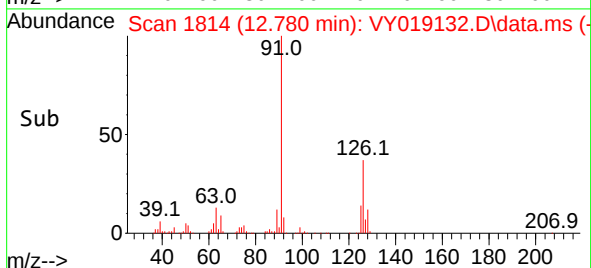
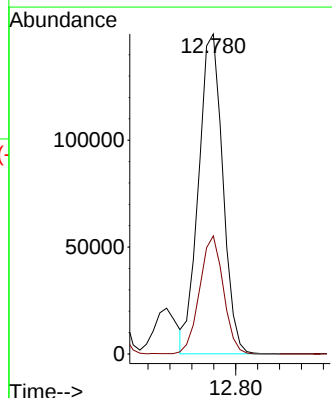
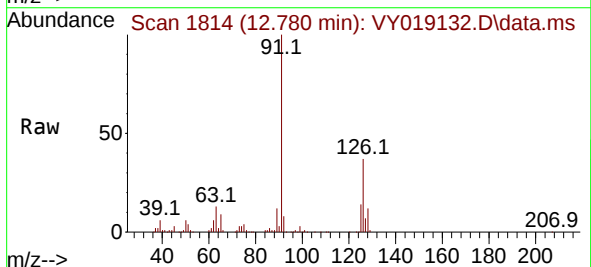
Instrument :
MSVOA_Y
ClientSampleId :

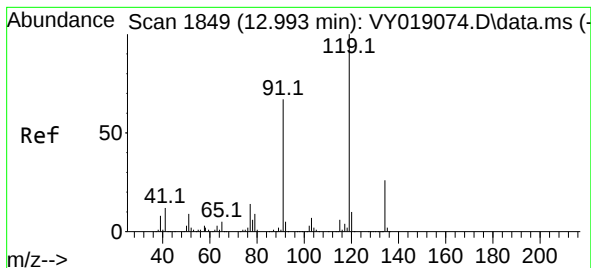
Tgt Ion: 75 Resp: 16318
Ion Ratio Lower Upper
75 100
53 94.5 66.8 100.2
89 49.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 50.871 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019132.D
Acq: 19 Aug 2024 21:29

Tgt Ion: 91 Resp: 229148
Ion Ratio Lower Upper
91 100
126 36.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.131 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

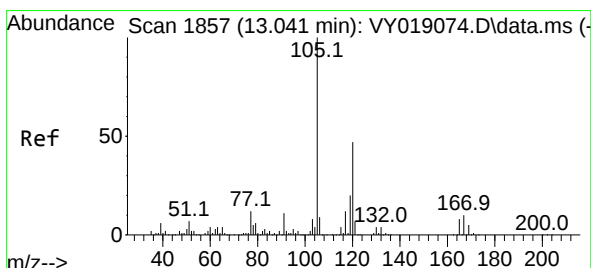
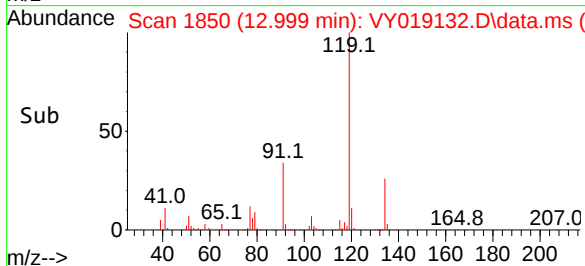
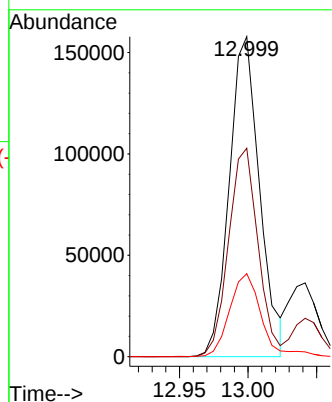
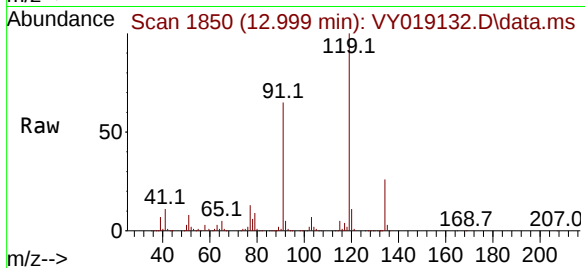
Tgt Ion:119 Resp: 243641

Ion Ratio Lower Upper

119 100

91 63.4 31.3 93.8

134 27.2 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 51.556 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019132.D

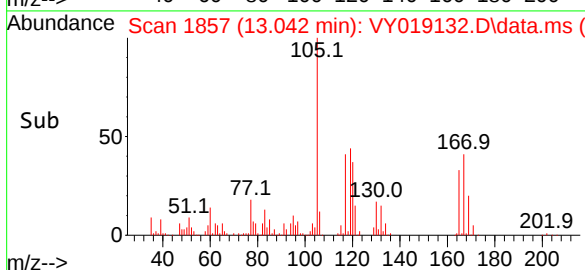
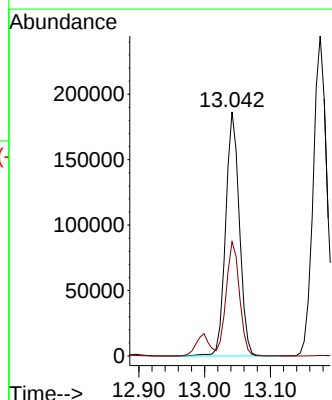
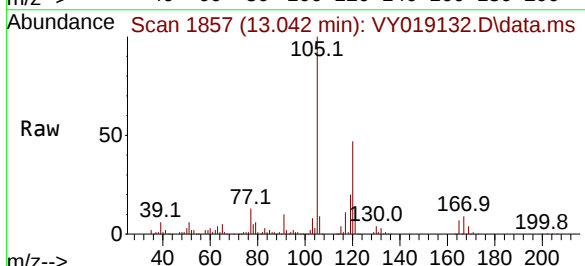
Acq: 19 Aug 2024 21:29

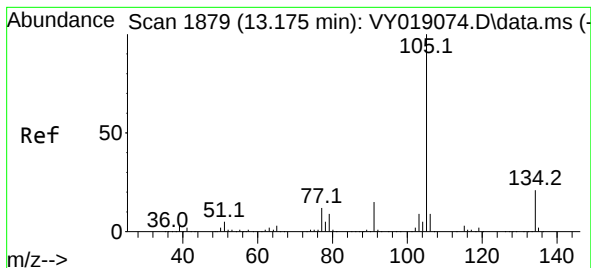
Tgt Ion:105 Resp: 270420

Ion Ratio Lower Upper

105 100

120 45.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.813 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

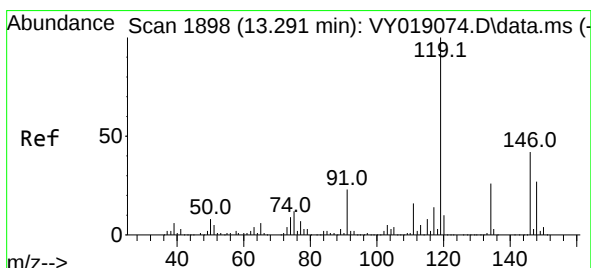
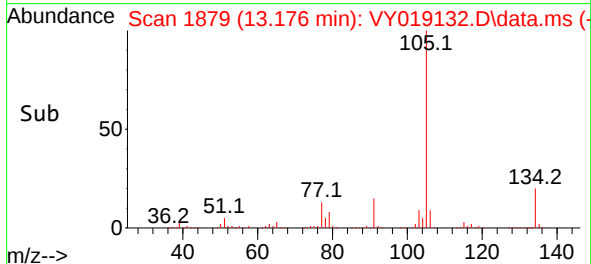
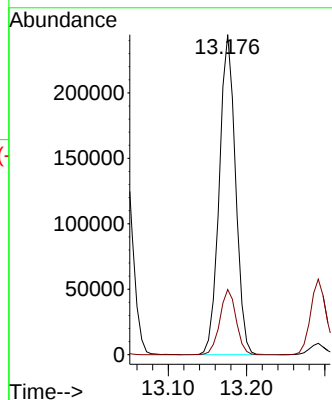
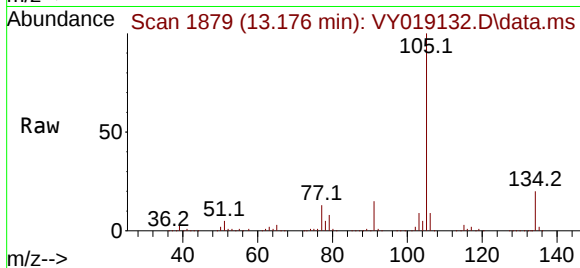
ClientSampleId :

Tgt Ion:105 Resp: 352798

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 50.987 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

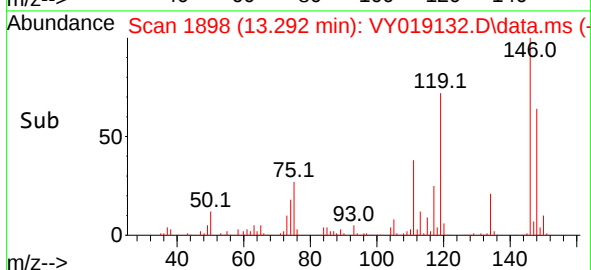
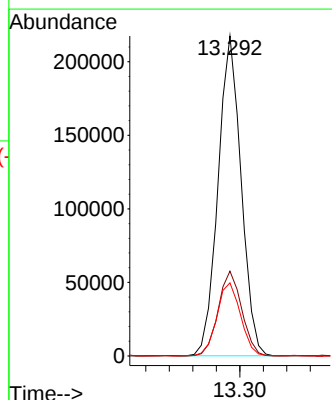
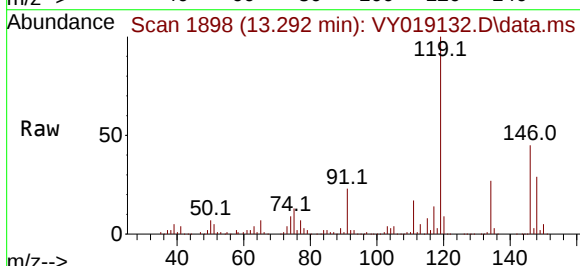
Tgt Ion:119 Resp: 296612

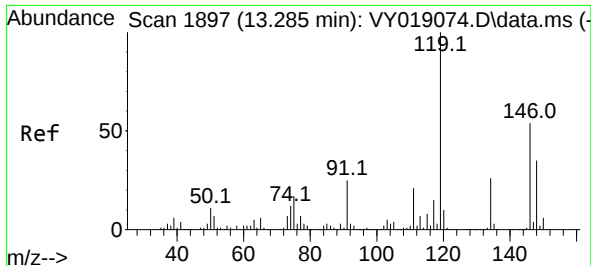
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 23.5 10.7 32.1

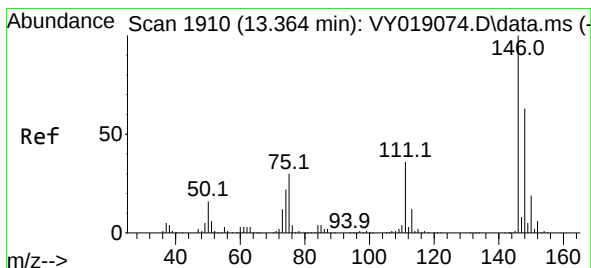
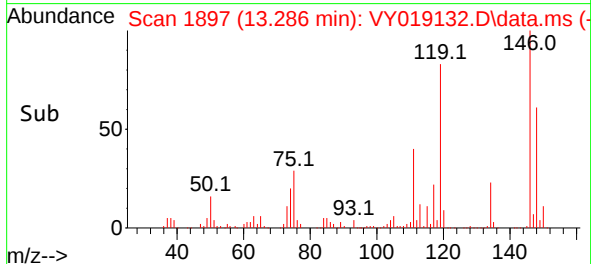
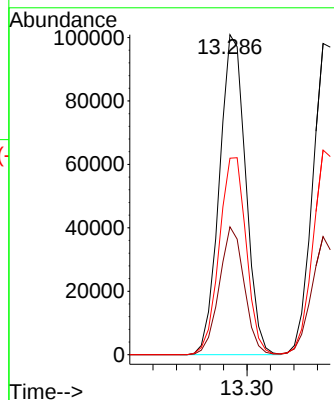
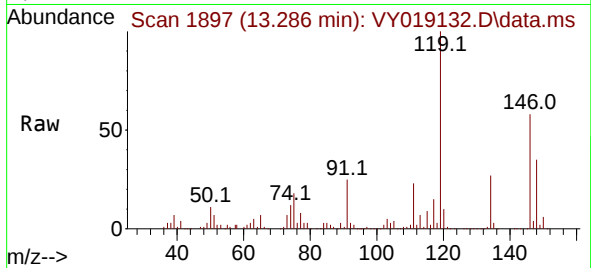




#87
 1,3-Dichlorobenzene
 Concen: 51.161 ug/l
 RT: 13.286 min Scan# 1897
 Delta R.T. 0.000 min
 Lab File: VY019132.D
 Acq: 19 Aug 2024 21:29

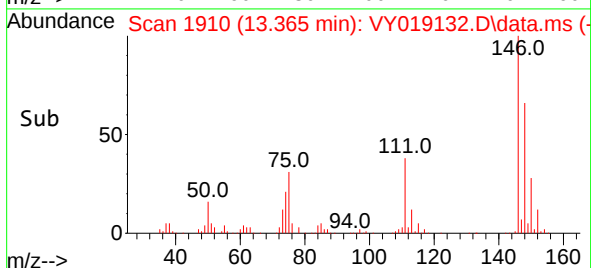
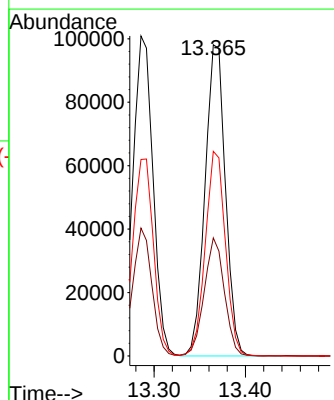
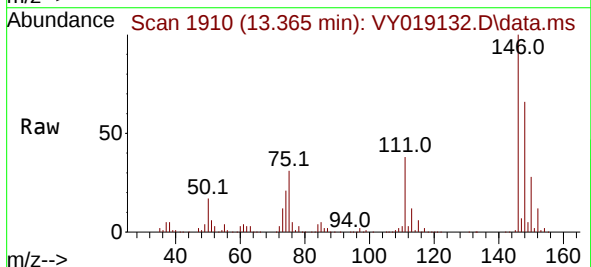
Instrument :
 MSVOA_Y
 ClientSampleId :

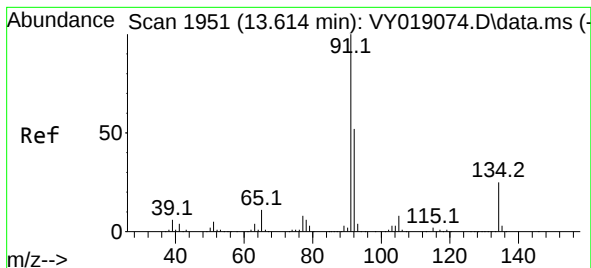
Tgt Ion:146 Resp: 156535
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.0 57.0
 148 63.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 49.905 ug/l
 RT: 13.365 min Scan# 1910
 Delta R.T. 0.000 min
 Lab File: VY019132.D
 Acq: 19 Aug 2024 21:29

Tgt Ion:146 Resp: 151781
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.4 55.4
 148 65.1 32.4 97.2





#89

n-Butylbenzene

Concen: 49.685 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

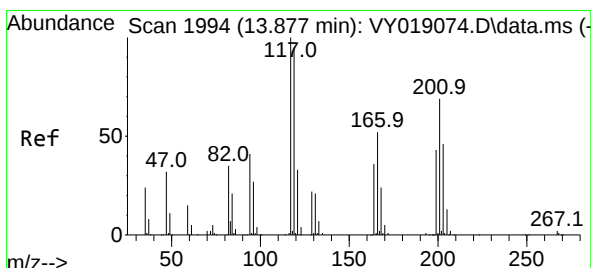
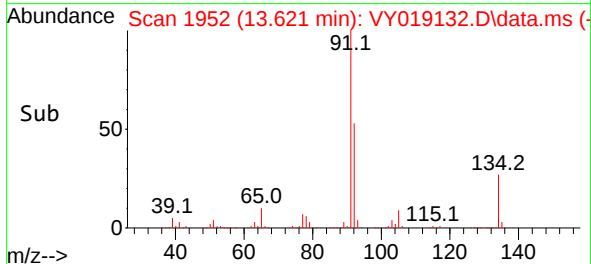
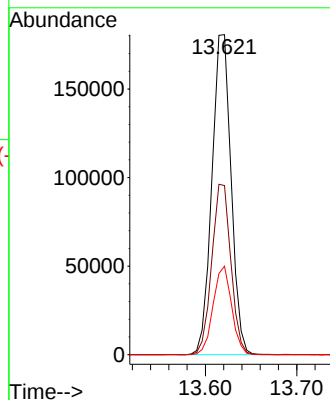
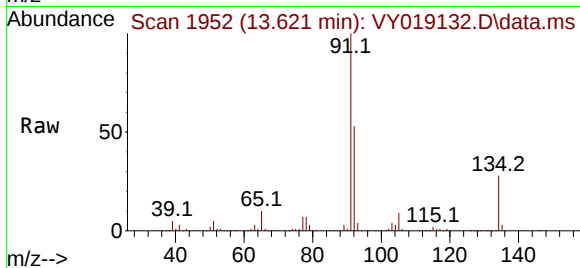
Tgt Ion: 91 Resp: 263523

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 26.6 12.9 38.7



#90

Hexachloroethane

Concen: 51.192 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019132.D

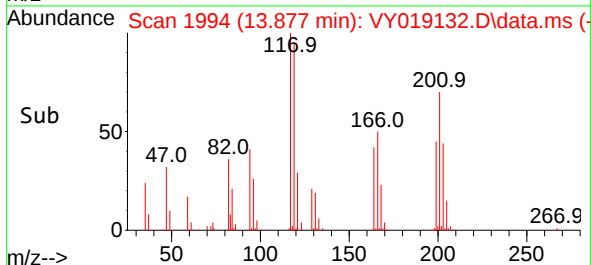
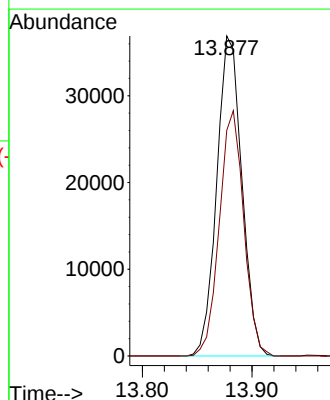
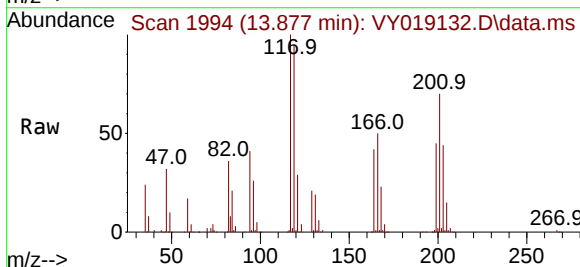
Acq: 19 Aug 2024 21:29

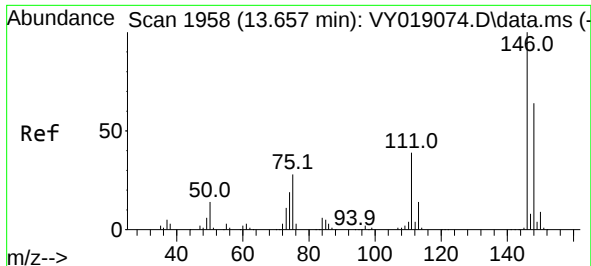
Tgt Ion: 117 Resp: 58699

Ion Ratio Lower Upper

117 100

201 74.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 51.644 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

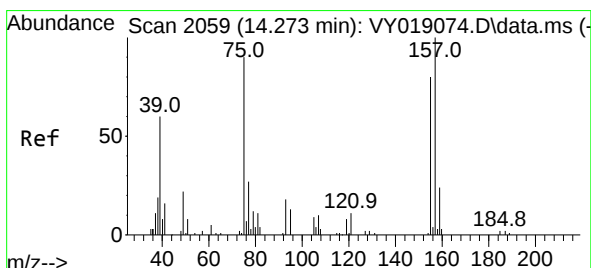
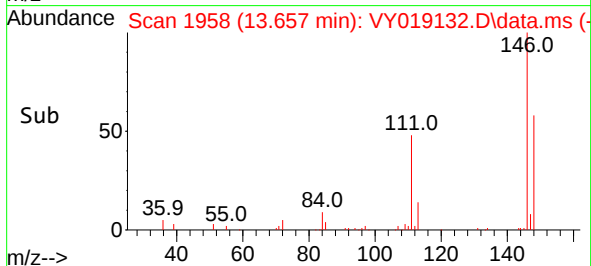
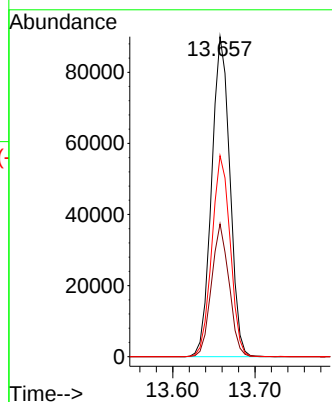
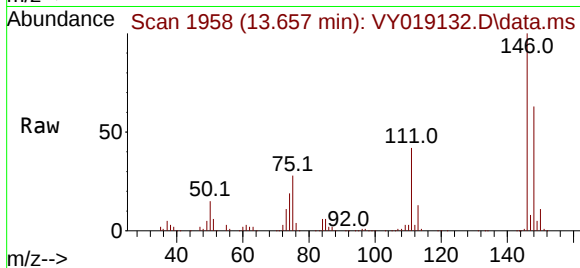
Tgt Ion:146 Resp: 138973

Ion Ratio Lower Upper

146 100

111 39.8 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.132 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

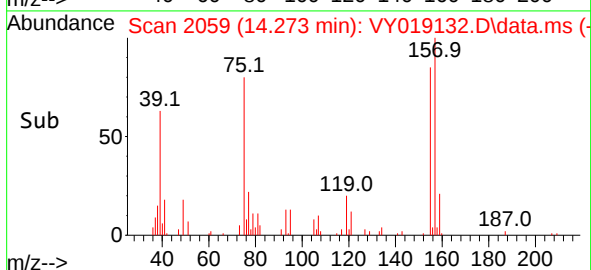
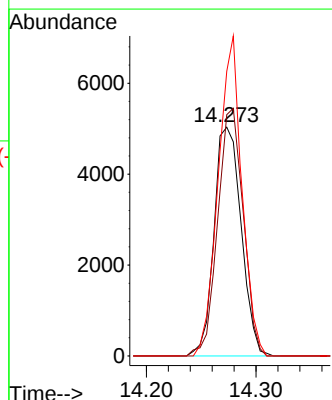
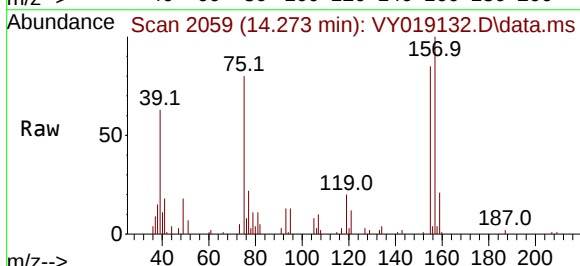
Tgt Ion: 75 Resp: 8651

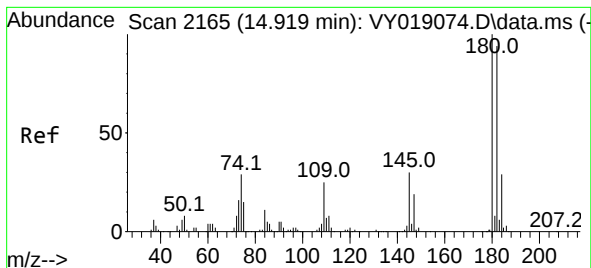
Ion Ratio Lower Upper

75 100

155 102.0 48.6 145.8

157 122.4 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 49.710 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

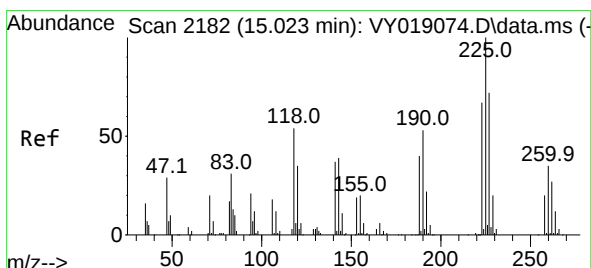
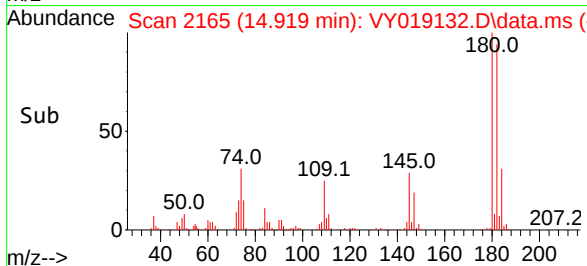
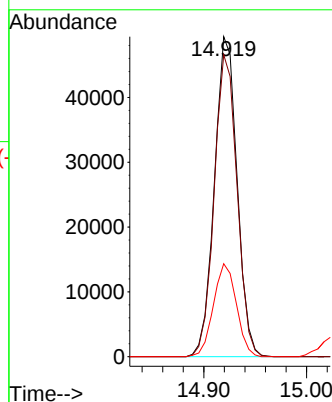
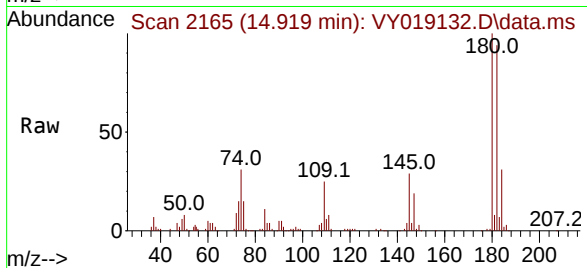
Tgt Ion:180 Resp: 75437

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.8

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.772 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

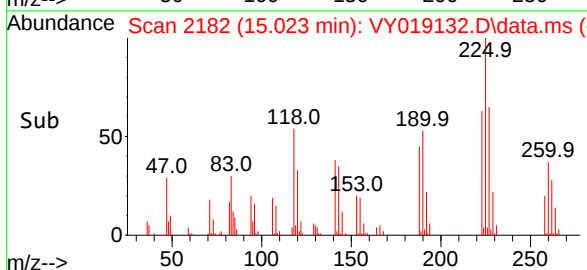
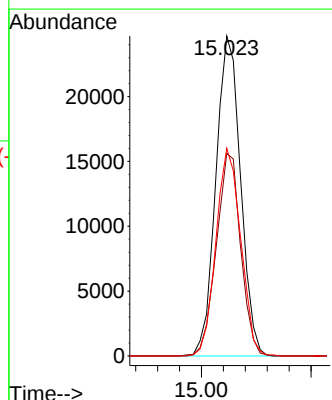
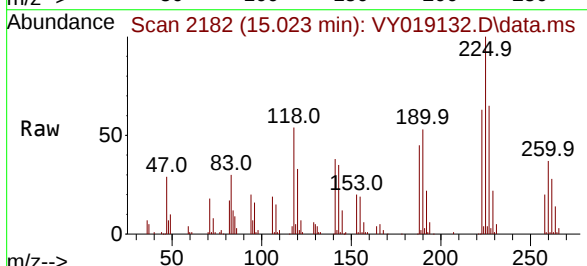
Tgt Ion:225 Resp: 38552

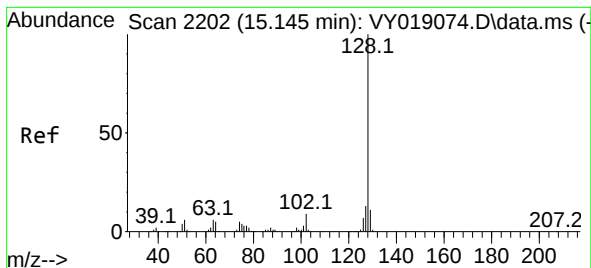
Ion Ratio Lower Upper

225 100

223 62.6 30.4 91.2

227 65.1 31.9 95.9





#95

Naphthalene

Concen: 53.529 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Instrument :

MSVOA_Y

ClientSampleId :

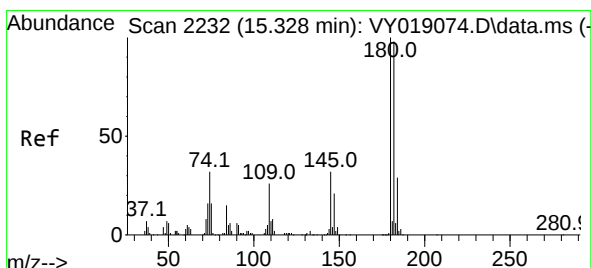
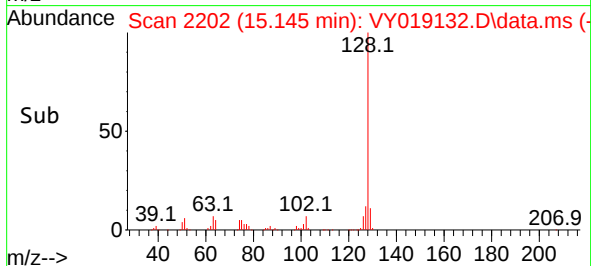
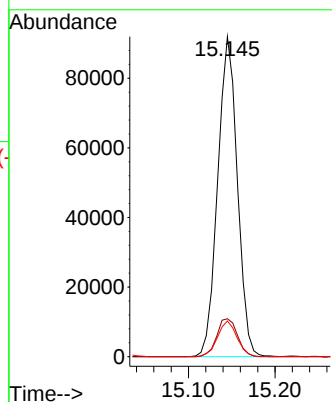
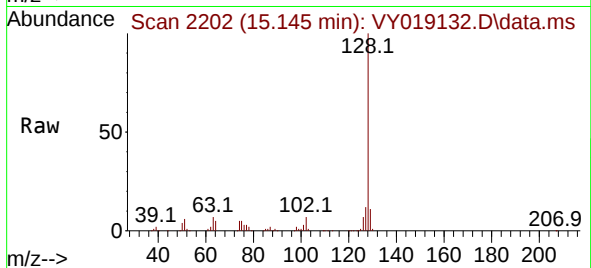
Tgt Ion:128 Resp: 144977

Ion Ratio Lower Upper

128 100

127 12.5 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.643 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019132.D

Acq: 19 Aug 2024 21:29

Tgt Ion:180 Resp: 66099

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 31.1 15.4 46.1

