

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006974.D
 Acq On : 06 Dec 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:49:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.685	114	179092	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	161412	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.422	152	72573	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	56349	24.430	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.720%
7) Chloroethane-d5	2.765	69	43673	24.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.560%
11) 1,1-Dichloroethene-d2	3.857	63	83173	17.345	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.400%
21) 2-Butanone-d5	6.887	46	42376	47.566	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.140%
24) Chloroform-d	7.472	84	97971	21.951	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	8.136	65	57185	21.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	8.106	84	180974	21.107	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.440%
36) 1,2-Dichloropropane-d6	9.118	67	62372	23.153	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.600%
41) Toluene-d8	10.173	98	173678	21.627	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.520%
43) trans-1,3-Dichloroprop...	10.435	79	27921	21.428	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.720%
47) 2-Hexanone-d5	10.782	63	30413	48.778	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.560%
56) 1,1,2,2-Tetrachloroeth...	12.556	84	53211	23.708	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.840%
66) 1,2-Dichlorobenzene-d4	13.715	152	47790	20.193	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.760%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	15056	13.316	ug/L	95
3) Chloromethane	2.113	50	37124	17.105	ug/L	99
5) Vinyl chloride	2.253	62	86010	26.904	ug/L	98
6) Bromomethane	2.662	94	46741	24.189	ug/L	95
8) Chloroethane	2.802	64	48865	25.760	ug/L	95
9) Trichlorofluoromethane	3.125	101	36065	15.534	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	43929	19.517	ug/L	92
12) 1,1-Dichloroethene	3.875	96	42651	17.599	ug/L	88
13) Acetone	3.936	43	28567	34.989	ug/L	97
14) Carbon disulfide	4.192	76	145604	18.224	ug/L	98
15) Methyl Acetate	4.466	43	37333	20.974	ug/L	94
16) Methylene chloride	4.710	84	54094	16.843	ug/L	87
17) trans-1,2-Dichloroethene	5.216	96	47049	18.207	ug/L	90
18) Methyl tert-butyl Ether	5.216	73	89491	19.198	ug/L #	89
19) 1,1-Dichloroethane	6.009	63	99703	20.514	ug/L	99
20) cis-1,2-Dichloroethene	6.978	96	62832	22.675	ug/L	95
22) 2-Butanone	6.978	43	55008	48.163	ug/L	94
23) Bromochloromethane	7.332	128	28246	22.339	ug/L #	83
25) Chloroform	7.502	83	111058	22.682	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006974.D
 Acq On : 06 Dec 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:49:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

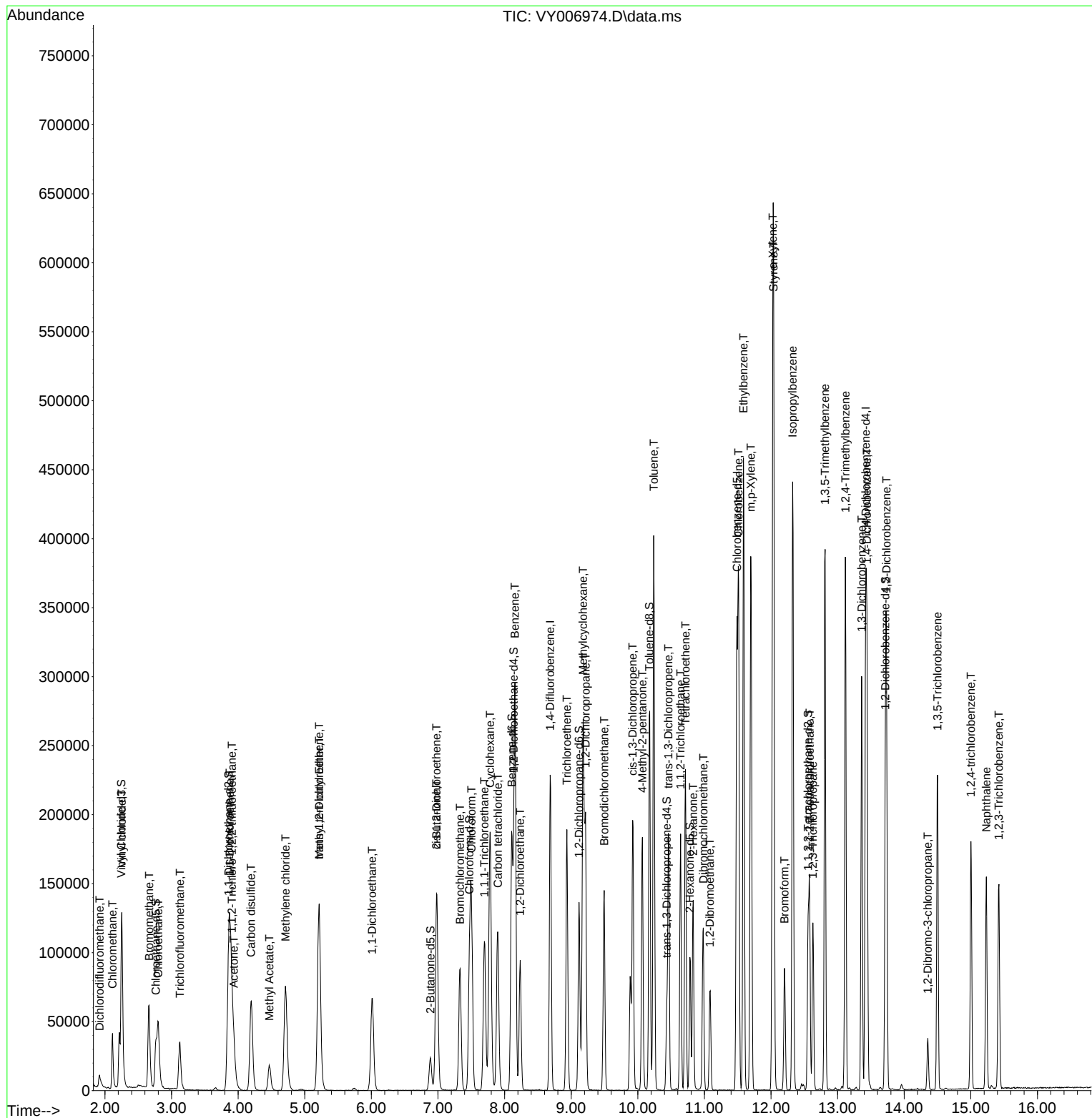
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.234	62	79265	22.339	ug/L	98
29) Cyclohexane	7.783	56	107570	23.911	ug/L	91
30) 1,1,1-Trichloroethane	7.697	97	89941	21.904	ug/L	98
31) Carbon tetrachloride	7.899	117	80547	20.559	ug/L	98
33) Benzene	8.155	78	243908	22.476	ug/L	100
34) Trichloroethene	8.935	95	59054	22.093	ug/L	93
35) Methylcyclohexane	9.179	83	101696	21.233	ug/L	92
37) 1,2-Dichloropropane	9.215	63	68805	24.734	ug/L	97
38) Bromodichloromethane	9.496	83	88559	24.572	ug/L	96
39) cis-1,3-Dichloropropene	9.923	75	102418	23.454	ug/L	99
40) 4-Methyl-2-pentanone	10.069	43	127716	52.638	ug/L	97
42) Toluene	10.240	91	263265	22.740	ug/L	99
44) trans-1,3-Dichloropropene	10.459	75	91677	22.466	ug/L	100
45) 1,1,2-Trichloroethane	10.642	97	49482	24.143	ug/L	94
46) Tetrachloroethene	10.715	164	46760	20.880	ug/L	96
48) 2-Hexanone	10.831	43	88558	55.308	ug/L	98
49) Dibromochloromethane	10.983	129	55952	22.432	ug/L	98
50) 1,2-Dibromoethane	11.081	107	46669	24.060	ug/L	98
51) Chlorobenzene	11.514	112	172844	24.479	ug/L	99
52) Ethylbenzene	11.587	91	299222	24.044	ug/L	99
53) m,p-Xylene	11.697	106	110480	23.469	ug/L	94
54) o-Xylene	12.026	106	102740	23.200	ug/L	99
55) Styrene	12.038	104	184143	23.767	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.581	83	61543	24.887	ug/L	99
59) Bromoform	12.203	173	36075	24.374	ug/L	99
60) Isopropylbenzene	12.325	105	269092	25.338	ug/L	99
61) 1,2,3-Trichloropropane	12.629	75	44710	25.346	ug/L	97
62) 1,3,5-Trimethylbenzene	12.812	105	193187	22.124	ug/L	98
63) 1,2,4-Trimethylbenzene	13.117	105	192350	22.521	ug/L	99
64) 1,3-Dichlorobenzene	13.361	146	103293	21.611	ug/L	98
65) 1,4-Dichlorobenzene	13.440	146	105510	21.663	ug/L	99
67) 1,2-Dichlorobenzene	13.733	146	91723	21.431	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.355	75	8614	22.678	ug/L	90
69) 1,3,5-Trichlorobenzene	14.501	180	65733	20.209	ug/L	98
70) 1,2,4-trichlorobenzene	15.001	180	50998	19.439	ug/L	99
71) Naphthalene	15.233	128	113334	21.560	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	45016	20.307	ug/L	99

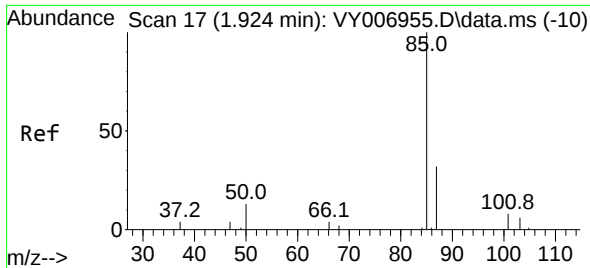
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006974.D
 Acq On : 06 Dec 2021 20:37
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 07 00:49:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 07 00:43:47 2021
 Response via : Initial Calibration

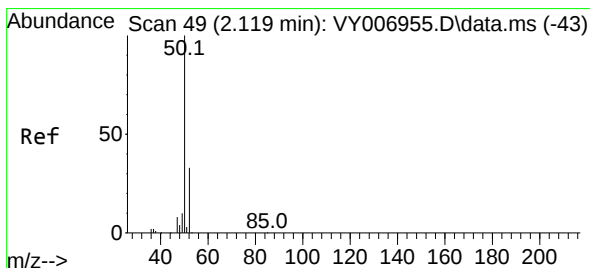
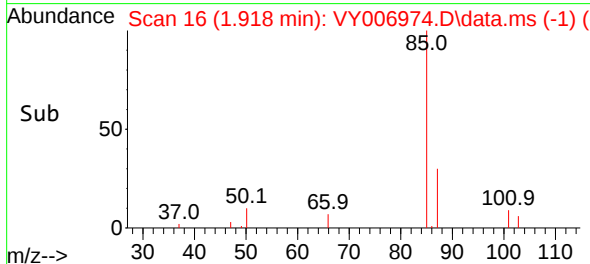
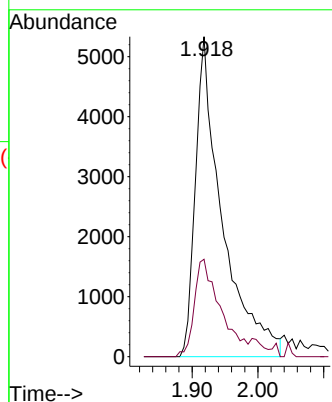
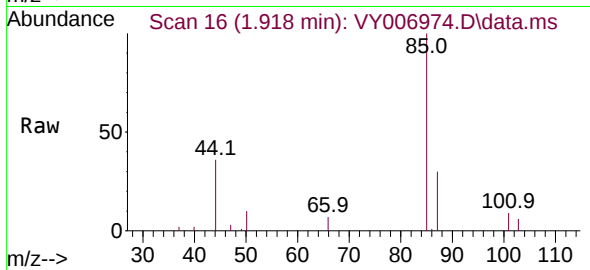




#2
 Dichlorodifluoromethane
 Concen: 13.316 ug/L
 RT: 1.918 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VY006974.D
 Acq: 06 Dec 2021 20:37

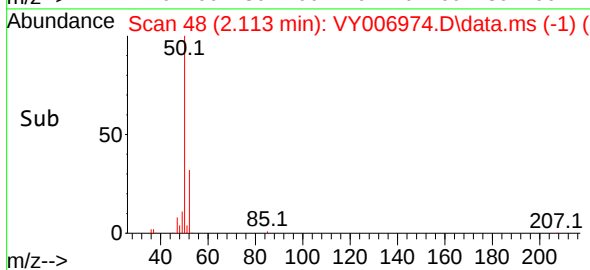
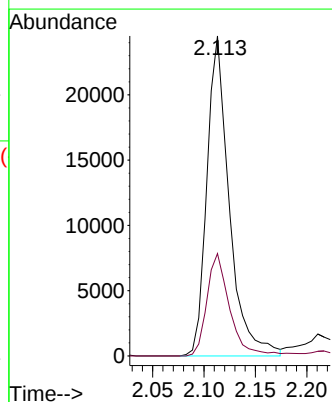
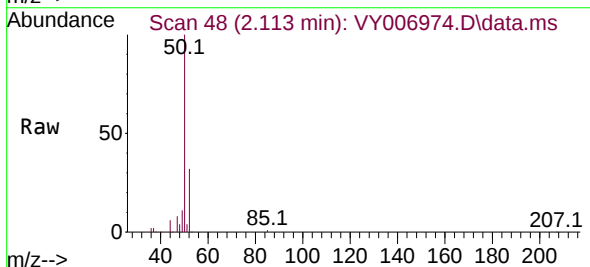
Instrument :
 MSVOA_Y
 ClientSampleId :

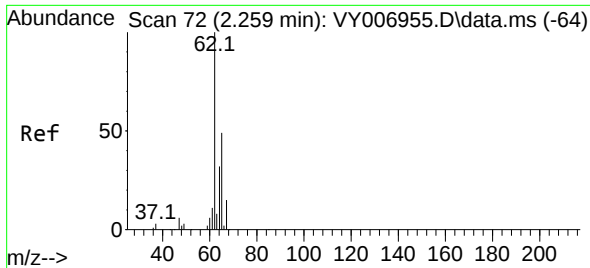
Tgt Ion: 85 Resp: 15056
 Ion Ratio Lower Upper
 85 100
 87 29.8 26.3 39.5



#3
 Chloromethane
 Concen: 17.105 ug/L
 RT: 2.113 min Scan# 48
 Delta R.T. -0.006 min
 Lab File: VY006974.D
 Acq: 06 Dec 2021 20:37

Tgt Ion: 50 Resp: 37124
 Ion Ratio Lower Upper
 50 100
 52 32.0 22.7 42.1

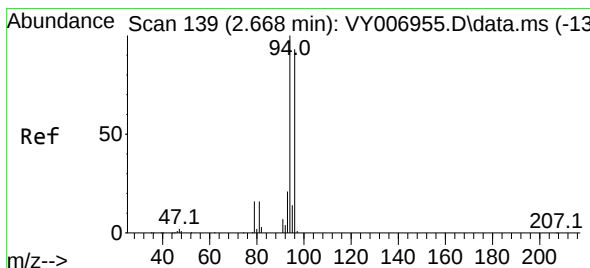
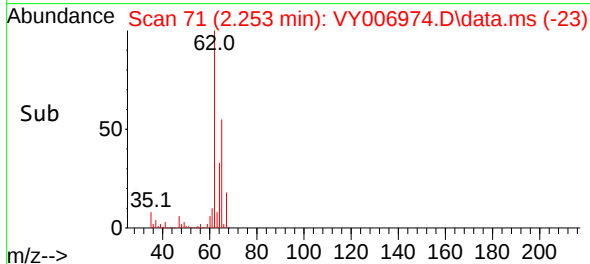
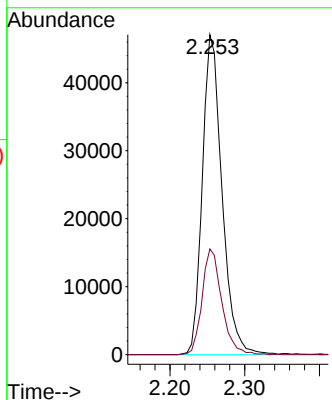
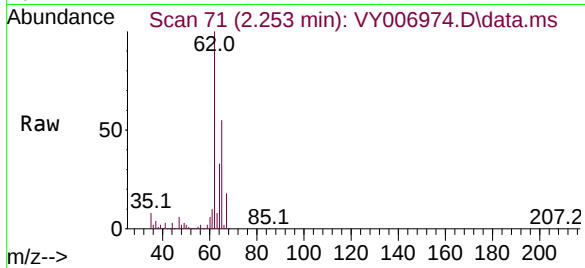




#5
 Vinyl chloride
 Concen: 26.904 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY006974.D
 Acq: 06 Dec 2021 20:37

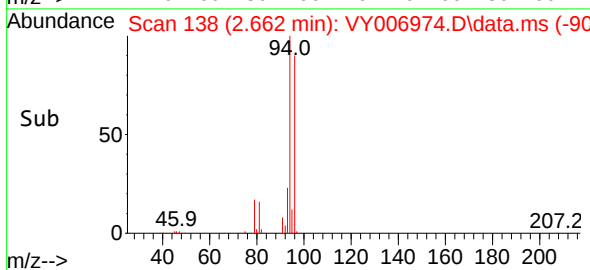
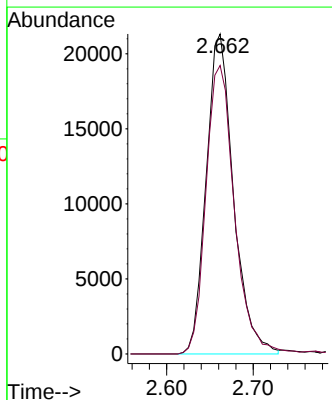
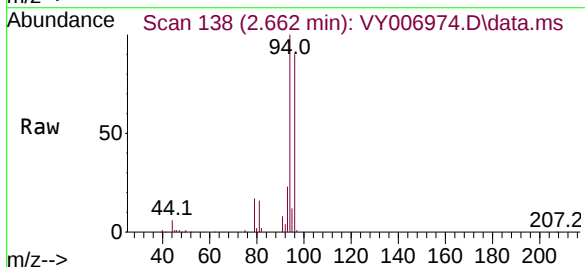
Instrument :
 MSVOA_Y
 ClientSampleId :

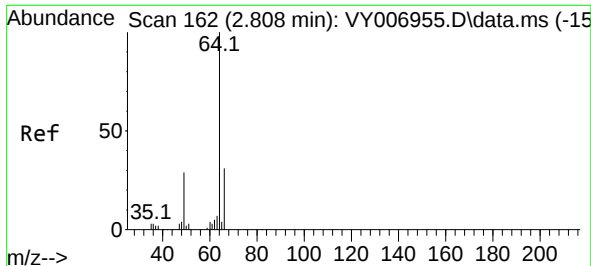
Tgt Ion: 62 Resp: 86010
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.4 41.6



#6
 Bromomethane
 Concen: 24.189 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.006 min
 Lab File: VY006974.D
 Acq: 06 Dec 2021 20:37

Tgt Ion: 94 Resp: 46741
 Ion Ratio Lower Upper
 94 100
 96 90.2 66.5 123.5

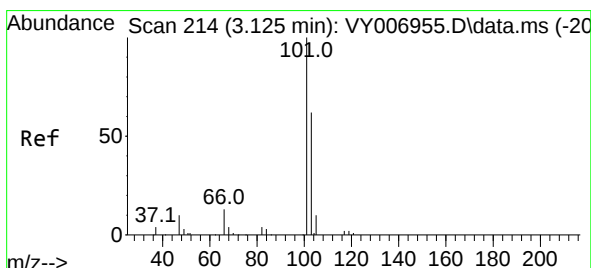
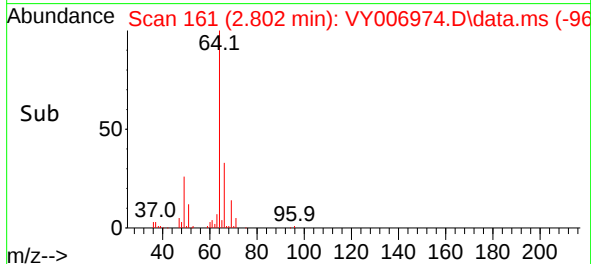
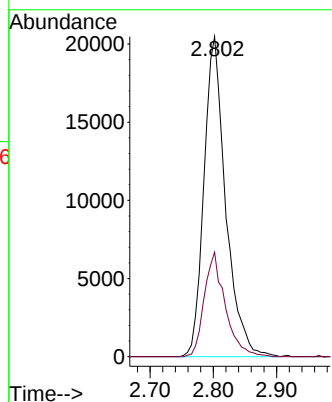
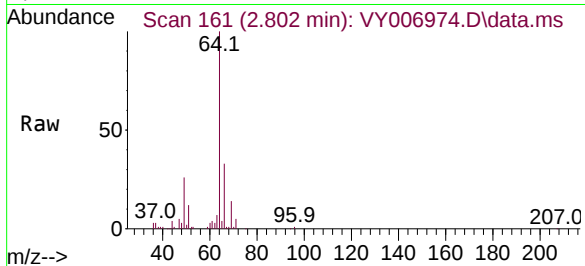




#8
Chloroethane
Concen: 25.760 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

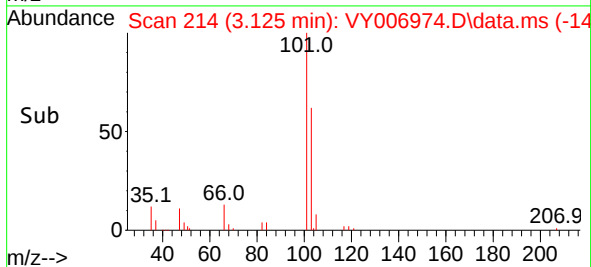
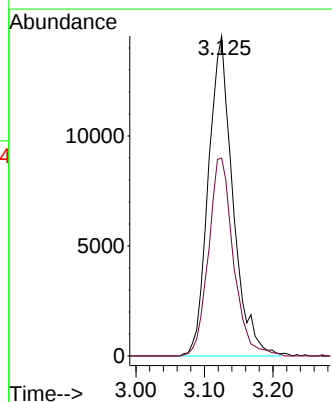
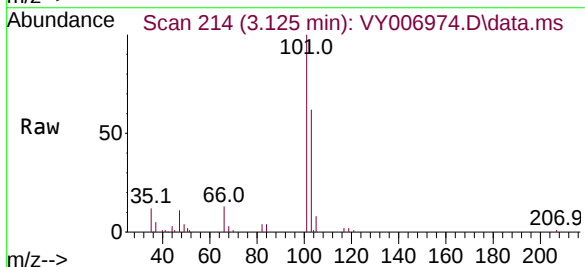
Instrument :
MSVOA_Y
ClientSampleId :

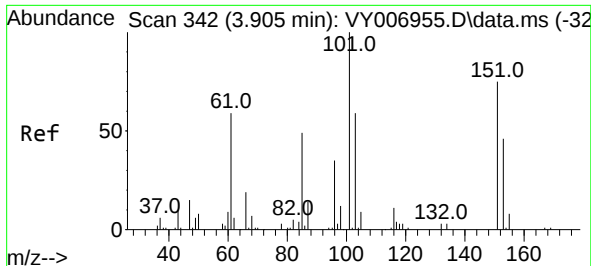
Tgt Ion: 64 Resp: 48865
Ion Ratio Lower Upper
64 100
66 32.7 21.1 39.3



#9
Trichlorofluoromethane
Concen: 15.534 ug/L
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion:101 Resp: 36065
Ion Ratio Lower Upper
101 100
103 63.0 51.3 76.9

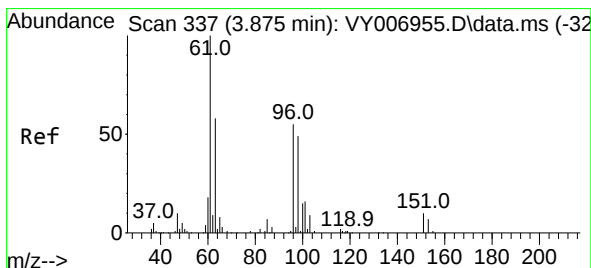
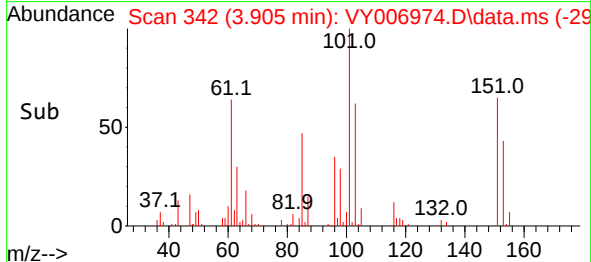
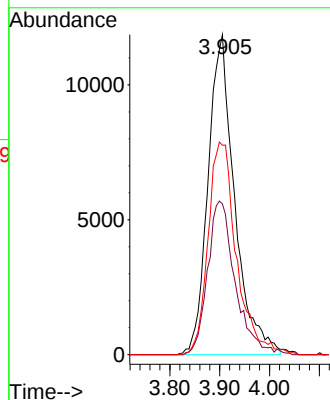
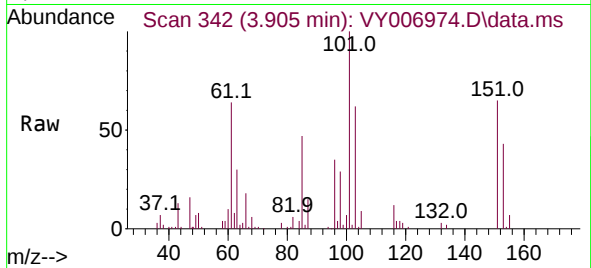




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.517 ug/L
 RT: 3.905 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VY006974.D
 Acq: 06 Dec 2021 20:37

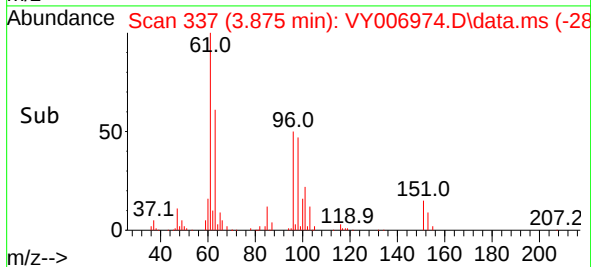
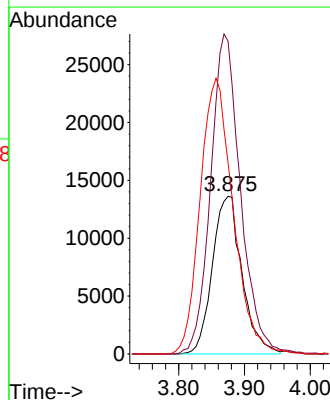
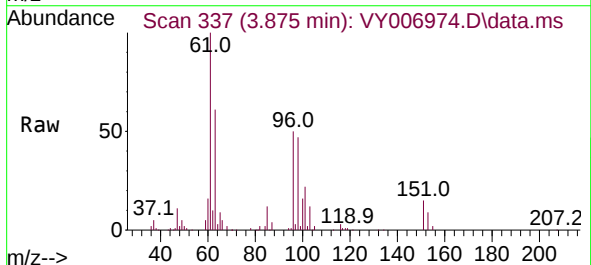
Instrument :
 MSVOA_Y
 ClientSampleId :

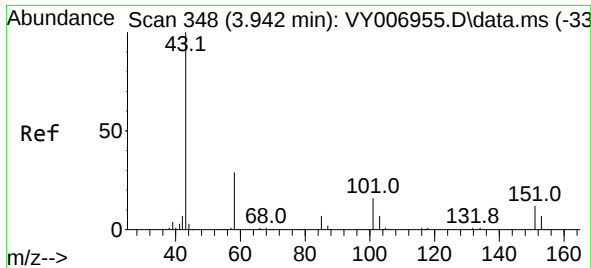
Tgt Ion:101 Resp: 43929
 Ion Ratio Lower Upper
 101 100
 85 49.0 38.2 57.2
 151 69.4 64.2 96.4



#12
 1,1-Dichloroethene
 Concen: 17.599 ug/L
 RT: 3.875 min Scan# 337
 Delta R.T. -0.000 min
 Lab File: VY006974.D
 Acq: 06 Dec 2021 20:37

Tgt Ion: 96 Resp: 42651
 Ion Ratio Lower Upper
 96 100
 61 198.4 123.3 229.1
 63 121.3 91.2 169.4





#13

Acetone

Concen: 34.989 ug/L

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

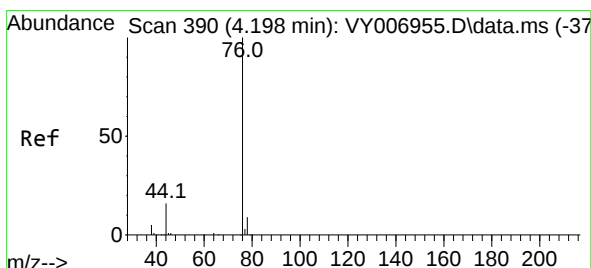
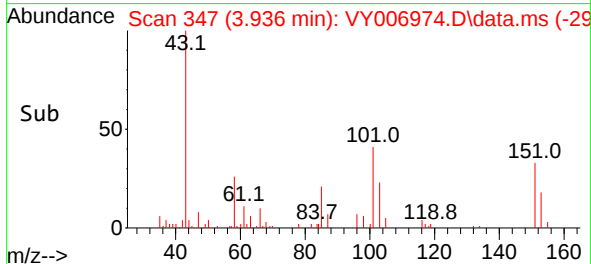
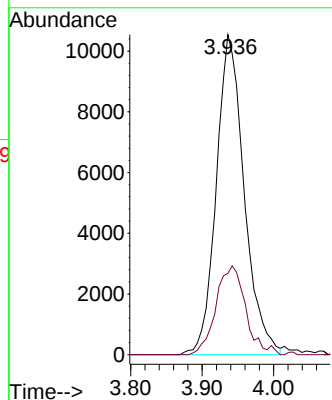
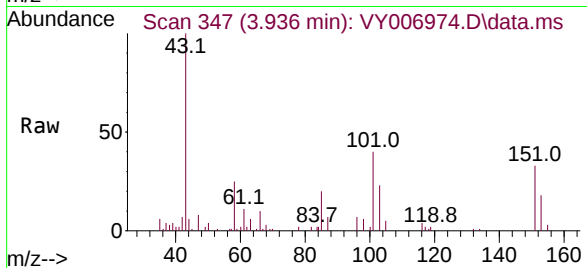
ClientSampleId :

Tgt Ion: 43 Resp: 28567

Ion Ratio Lower Upper

43 100

58 28.9 0.0 60.8



#14

Carbon disulfide

Concen: 18.224 ug/L

RT: 4.192 min Scan# 389

Delta R.T. -0.006 min

Lab File: VY006974.D

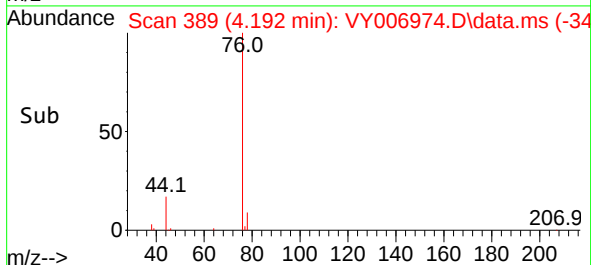
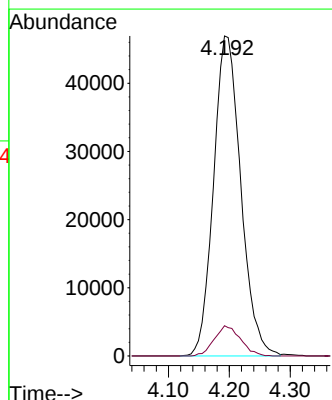
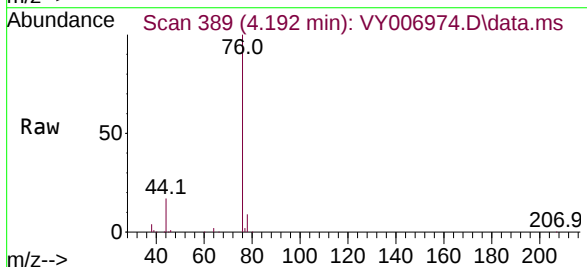
Acq: 06 Dec 2021 20:37

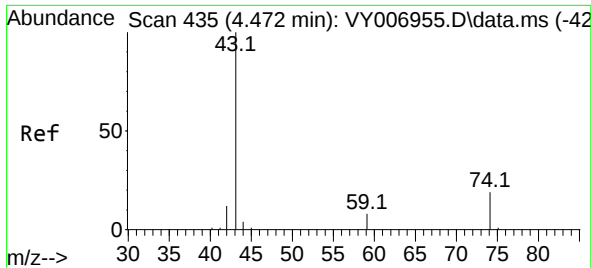
Tgt Ion: 76 Resp: 145604

Ion Ratio Lower Upper

76 100

78 9.4 7.0 10.4

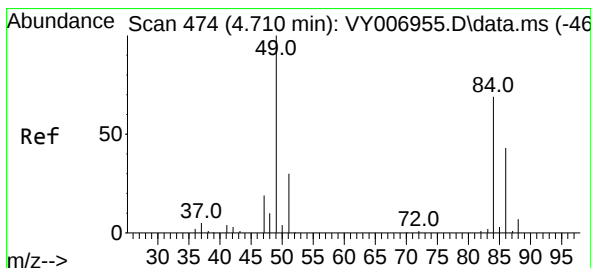
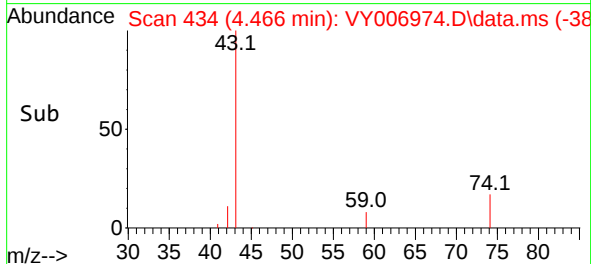
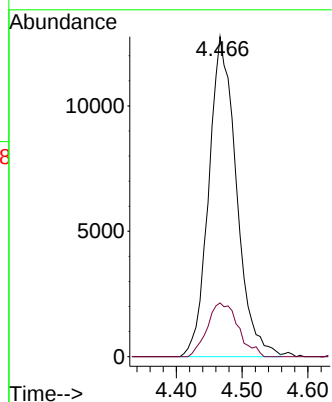
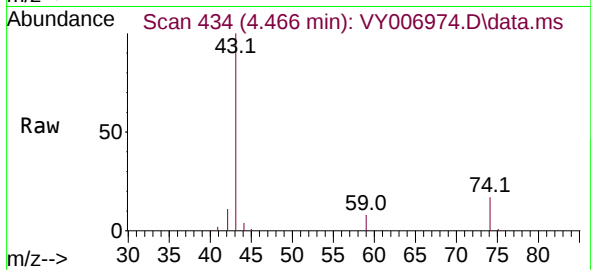




#15
Methyl Acetate
Concen: 20.974 ug/L
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

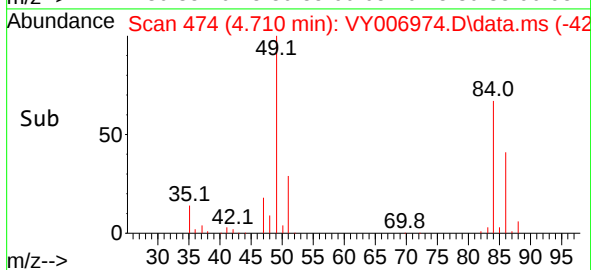
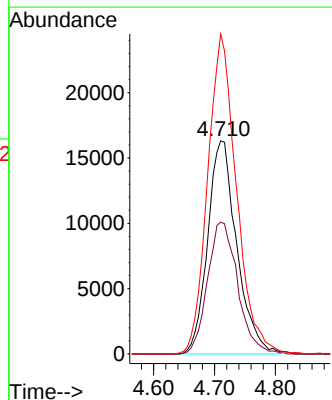
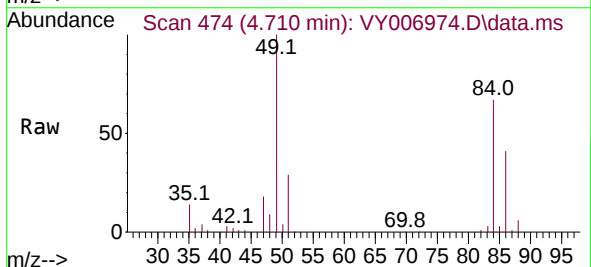
Instrument :
MSVOA_Y
ClientSampleId :

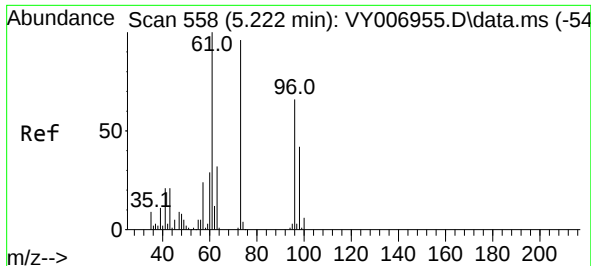
Tgt Ion: 43 Resp: 37333
Ion Ratio Lower Upper
43 100
74 18.8 17.4 26.2



#16
Methylene chloride
Concen: 16.843 ug/L
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion: 84 Resp: 54094
Ion Ratio Lower Upper
84 100
86 61.9 43.4 80.6
49 150.2 89.1 165.5





#17

trans-1,2-Dichloroethene

Concen: 18.207 ug/L

RT: 5.216 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

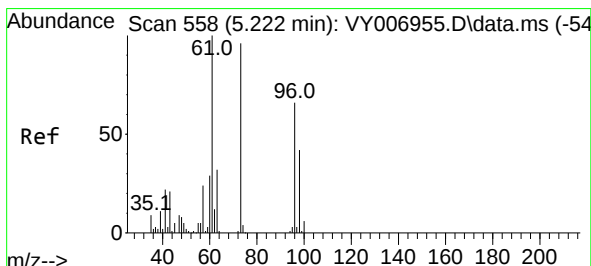
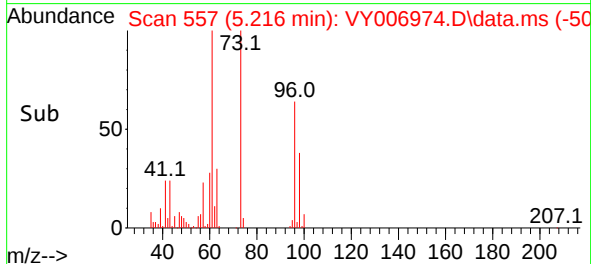
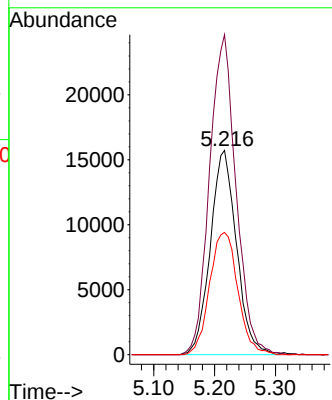
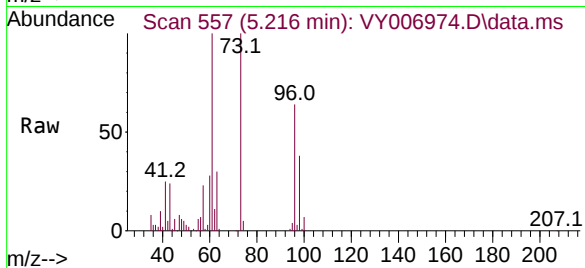
Tgt Ion: 96 Resp: 47049

Ion Ratio Lower Upper

96 100

61 156.6 98.5 182.9

98 59.8 43.7 81.1



#18

Methyl tert-butyl Ether

Concen: 19.198 ug/L

RT: 5.216 min Scan# 557

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

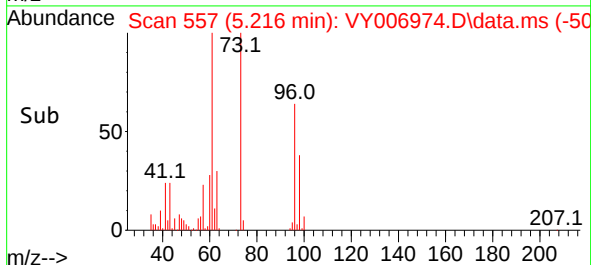
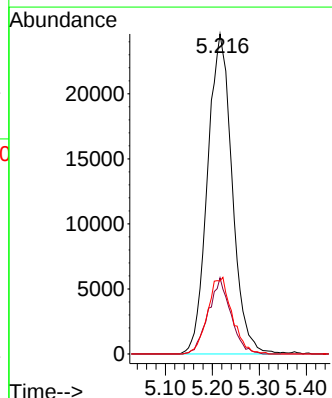
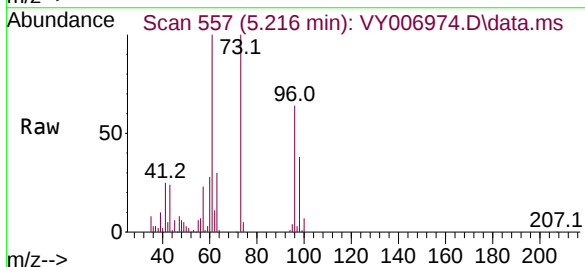
Tgt Ion: 73 Resp: 89491

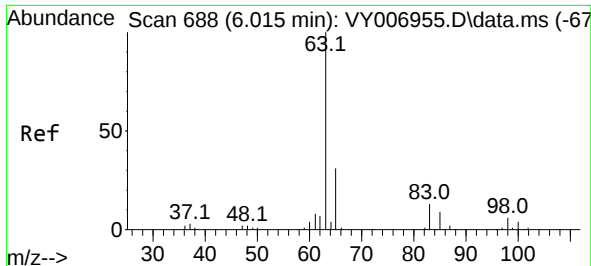
Ion Ratio Lower Upper

73 100

43 21.7 16.9 25.3

57 13.0 18.1 27.1#





#19

1,1-Dichloroethane

Concen: 20.514 ug/L

RT: 6.009 min Scan# 61

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

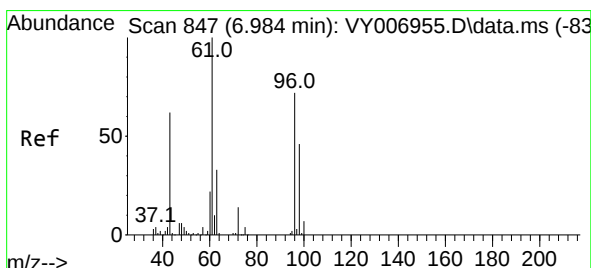
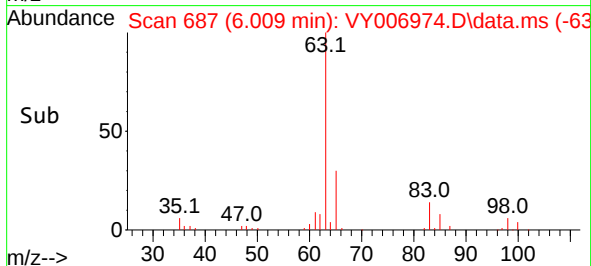
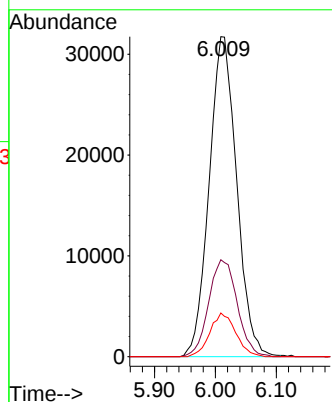
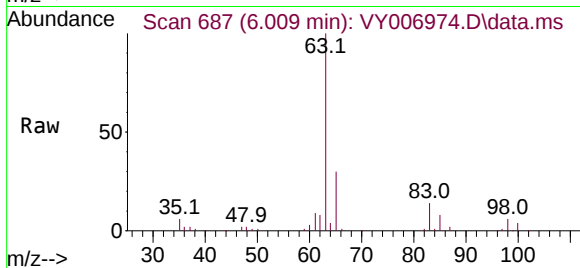
Tgt Ion: 63 Resp: 99703

Ion Ratio Lower Upper

63 100

65 30.3 21.0 39.0

83 13.7 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 22.675 ug/L

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

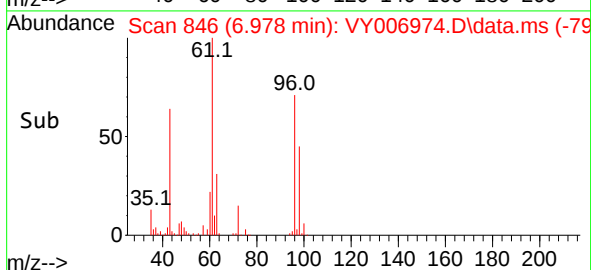
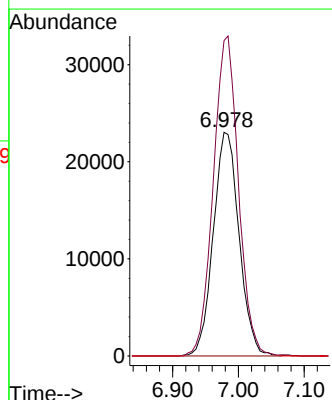
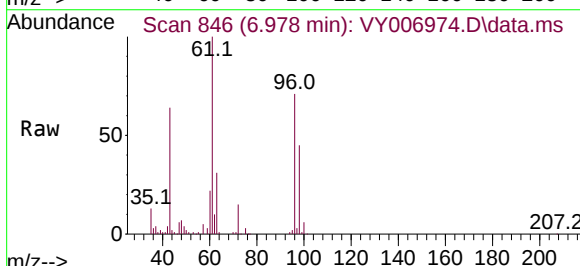
Tgt Ion: 96 Resp: 62832

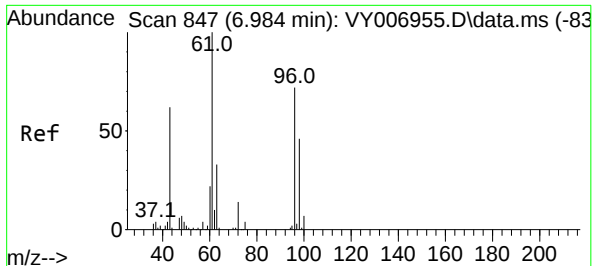
Ion Ratio Lower Upper

96 100

61 141.1 94.2 175.0

68 0.0 0.0 0.0

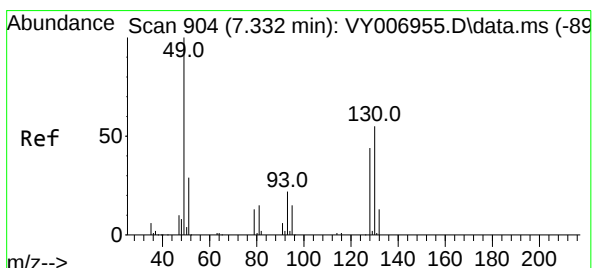
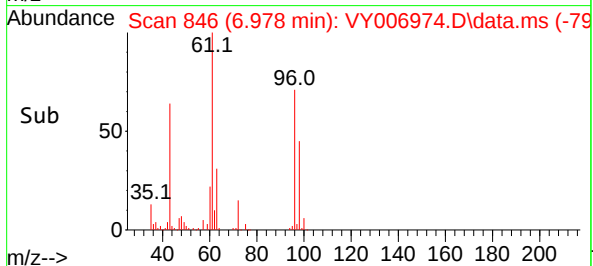
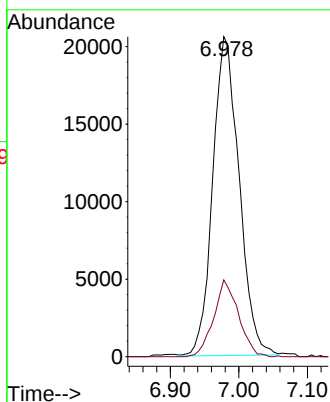
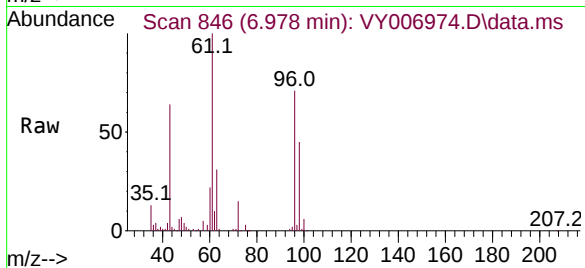




#22
2-Butanone
Concen: 48.163 ug/L
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

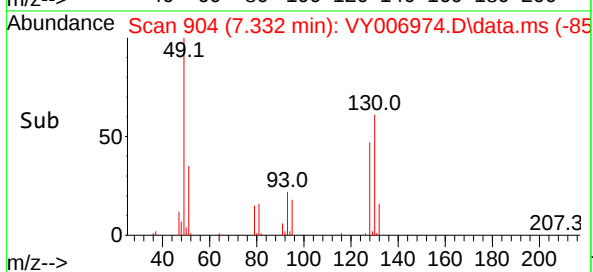
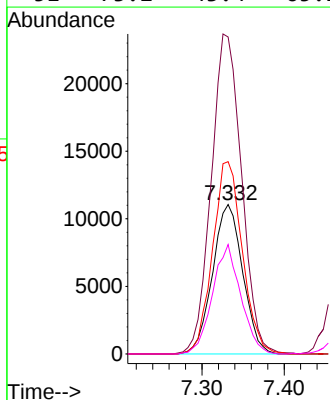
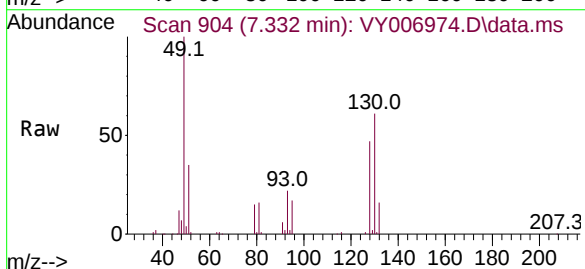
Instrument :
MSVOA_Y
ClientSampleId :

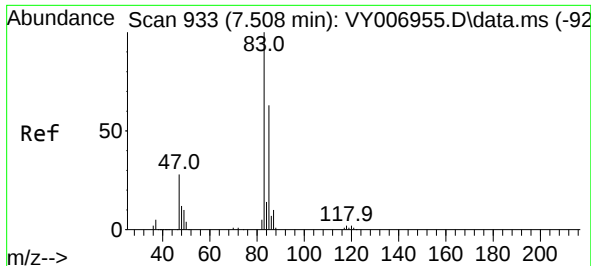
Tgt Ion: 43 Resp: 55008
Ion Ratio Lower Upper
43 100
72 22.6 12.9 38.6



#23
Bromochloromethane
Concen: 22.339 ug/L
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion:128 Resp: 28246
Ion Ratio Lower Upper
128 100
49 212.1 123.5 229.3
130 128.6 88.5 164.4
51 73.2 43.4 65.2#

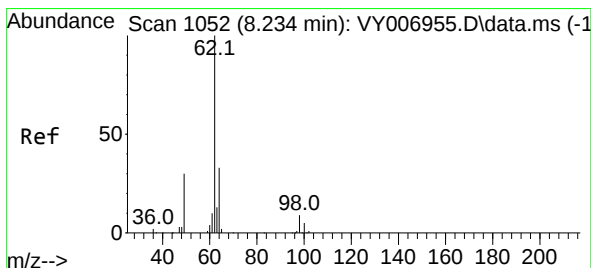
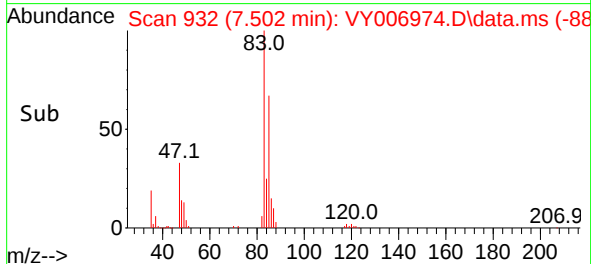
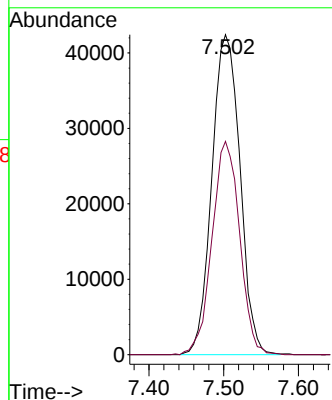
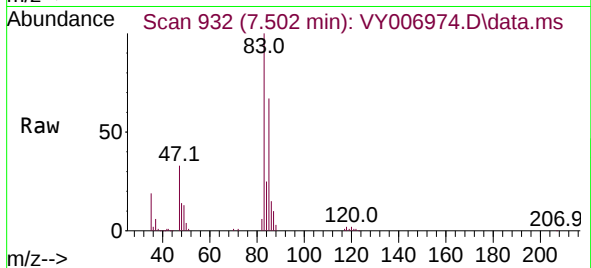




#25
Chloroform
Concen: 22.682 ug/L
RT: 7.502 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

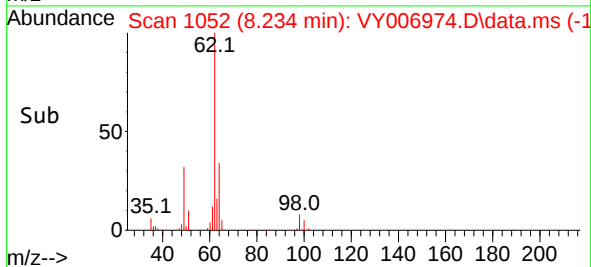
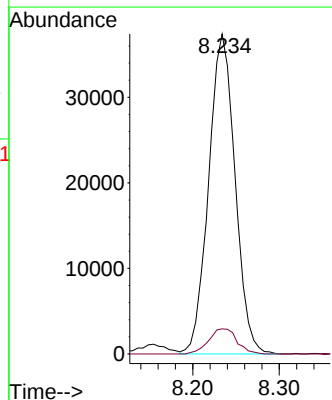
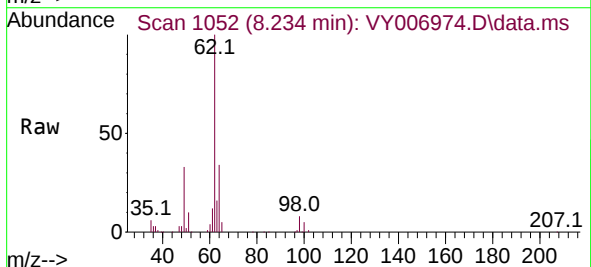
Instrument :
MSVOA_Y
ClientSampleId :

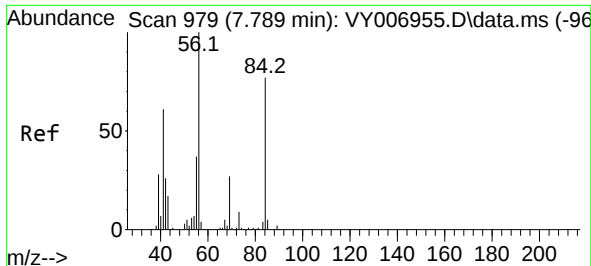
Tgt Ion: 83 Resp: 111058
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.2



#27
1,2-Dichloroethane
Concen: 22.339 ug/L
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion: 62 Resp: 79265
Ion Ratio Lower Upper
62 100
98 7.8 6.9 10.3





#29

Cyclohexane

Concen: 23.911 ug/L

RT: 7.783 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

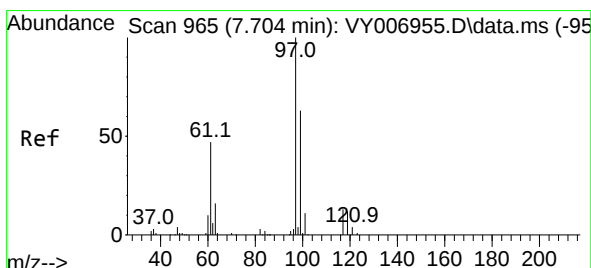
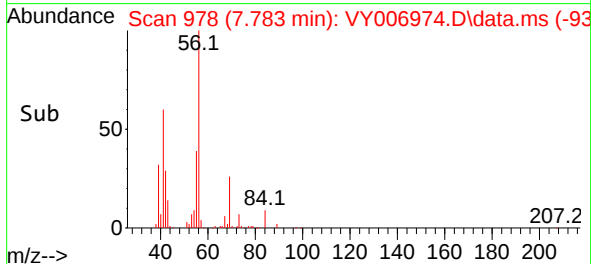
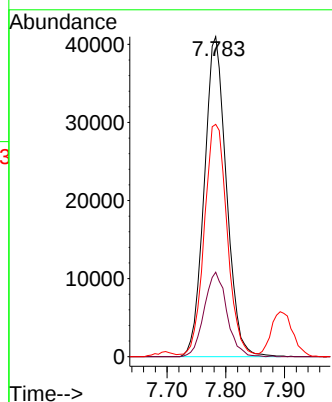
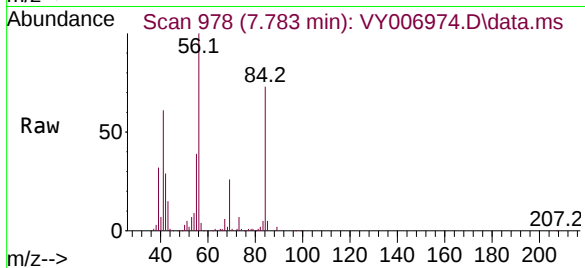
Tgt Ion: 56 Resp: 107570

Ion Ratio Lower Upper

56 100

69 27.0 24.1 36.1

84 75.4 67.8 101.6



#30

1,1,1-Trichloroethane

Concen: 21.904 ug/L

RT: 7.697 min Scan# 964

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

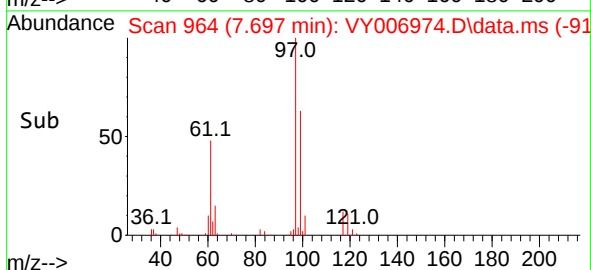
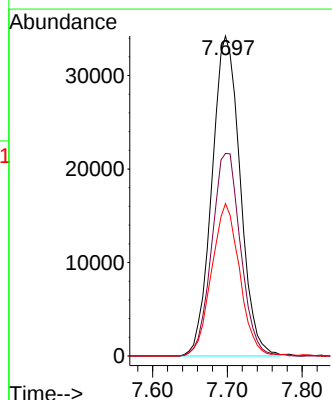
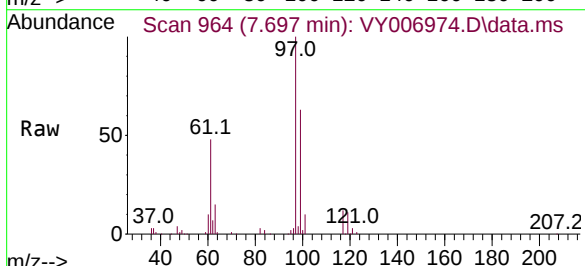
Tgt Ion: 97 Resp: 89941

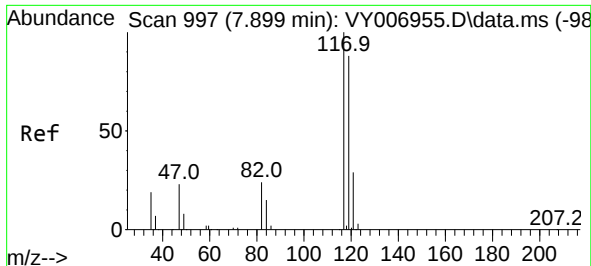
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 47.1 35.7 53.5

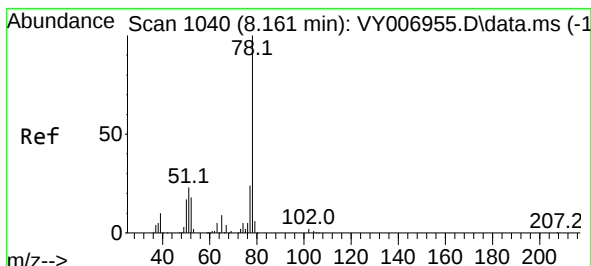
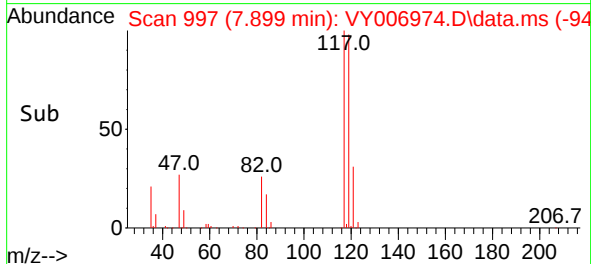
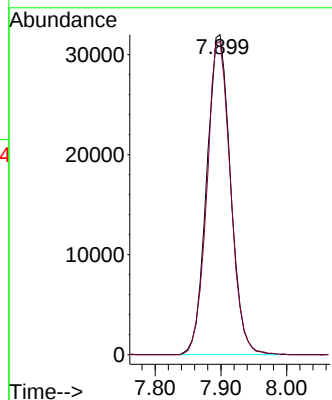
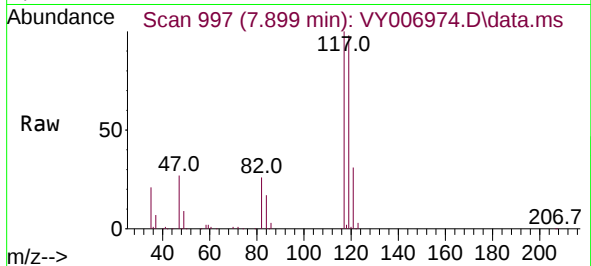




#31
Carbon tetrachloride
Concen: 20.559 ug/L
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

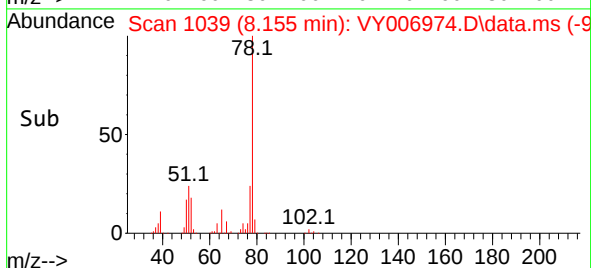
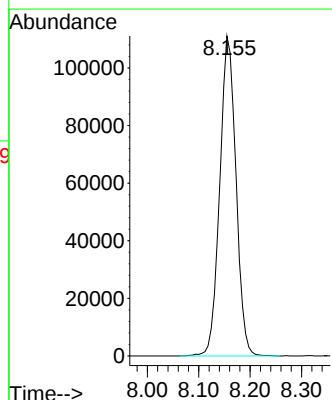
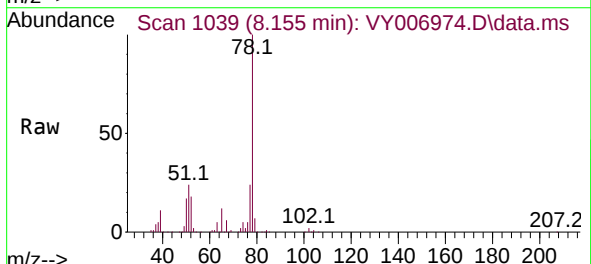
Instrument :
MSVOA_Y
ClientSampleId :

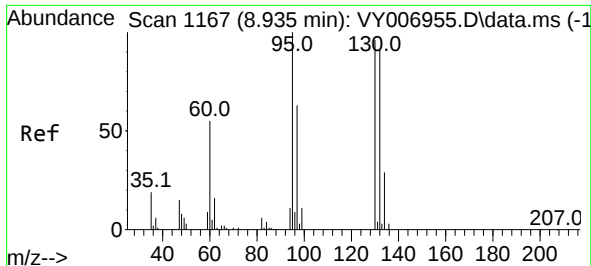
Tgt Ion:117 Resp: 80547
Ion Ratio Lower Upper
117 100
119 97.3 76.4 114.6



#33
Benzene
Concen: 22.476 ug/L
RT: 8.155 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

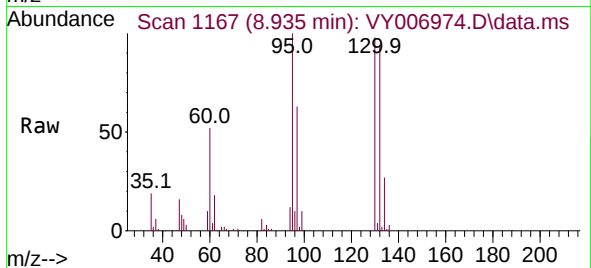
Tgt Ion: 78 Resp: 243908



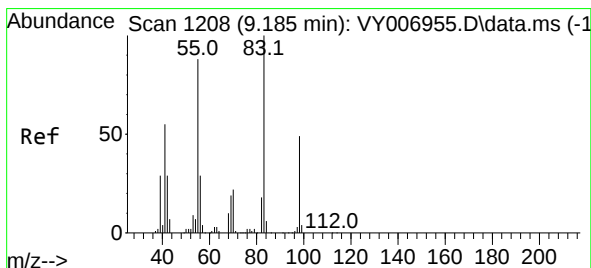
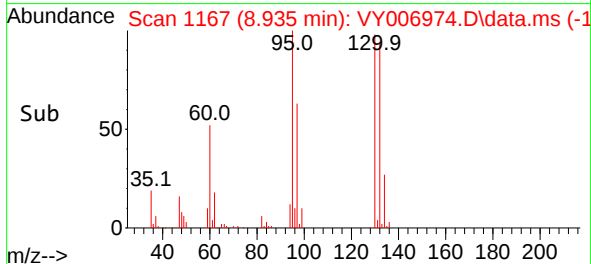
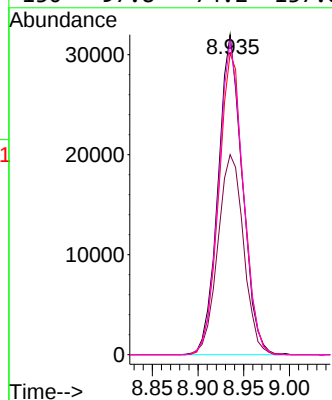


#34
Trichloroethene
Concen: 22.093 ug/L
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Instrument :
MSVOA_Y
ClientSampleId :

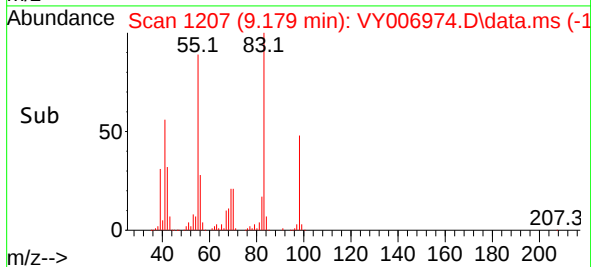
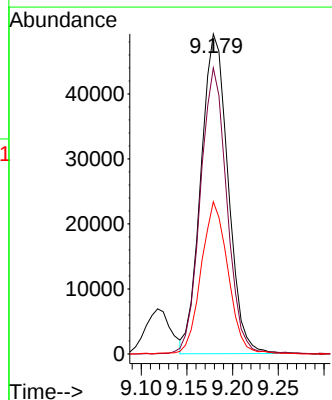
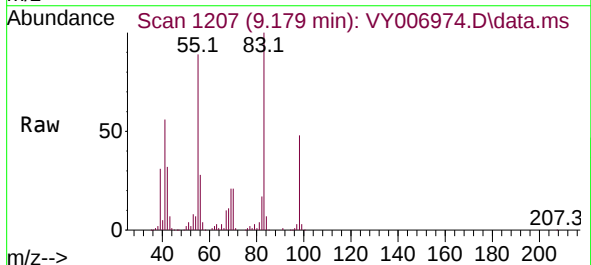


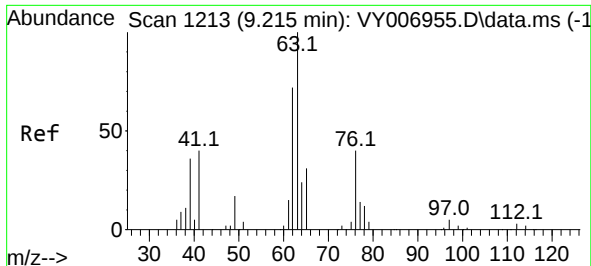
Tgt Ion:	95	Resp:	59054
Ion	Ratio	Lower	Upper
95	100		
97	62.5	47.3	87.8
132	94.2	71.3	132.5
130	97.8	74.2	137.8



#35
Methylcyclohexane
Concen: 21.233 ug/L
RT: 9.179 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion:	83	Resp:	101696
Ion	Ratio	Lower	Upper
83	100		
55	87.4	62.6	94.0
98	45.8	39.1	58.7





#37

1,2-Dichloropropane

Concen: 24.734 ug/L

RT: 9.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

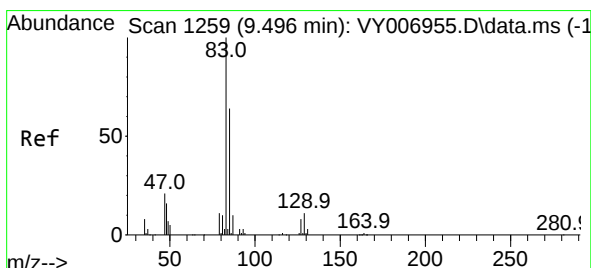
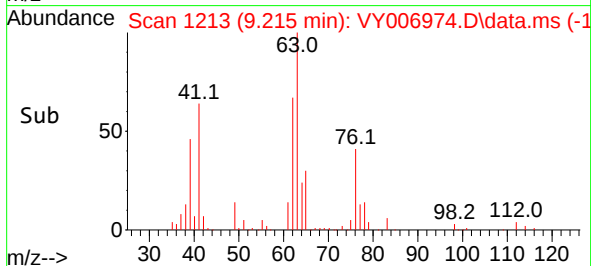
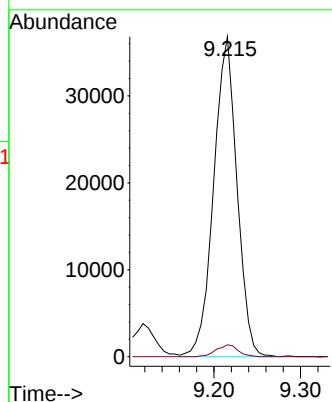
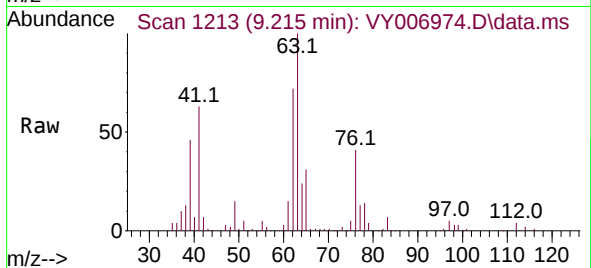
ClientSampleId :

Tgt Ion: 63 Resp: 68805

Ion Ratio Lower Upper

63 100

112 3.5 3.4 5.2



#38

Bromodichloromethane

Concen: 24.572 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

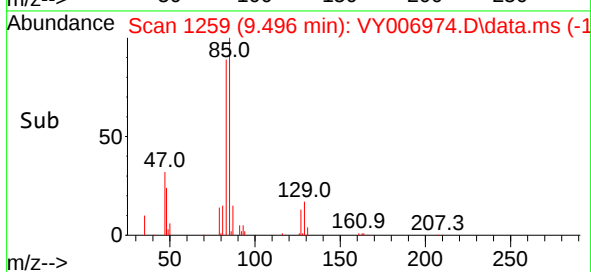
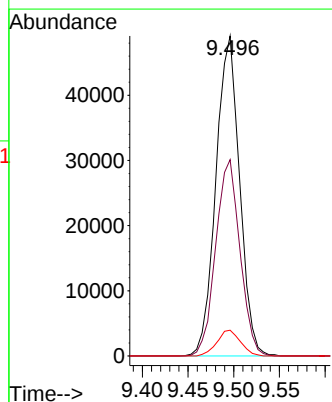
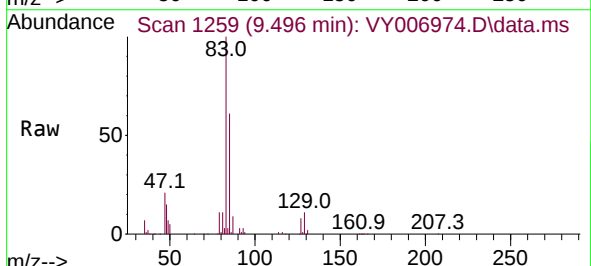
Tgt Ion: 83 Resp: 88559

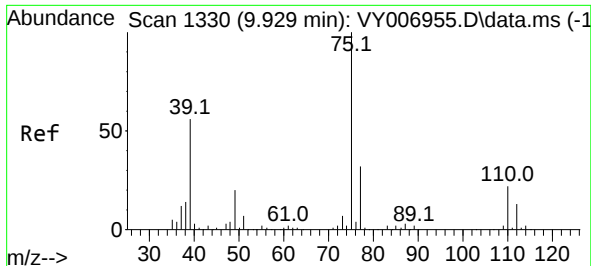
Ion Ratio Lower Upper

83 100

85 61.3 45.4 84.2

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 23.454 ug/L

RT: 9.923 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

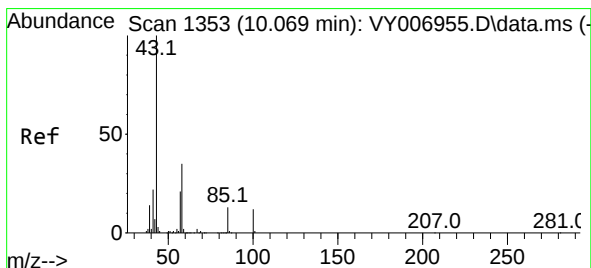
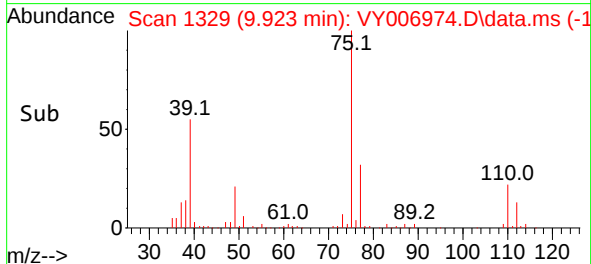
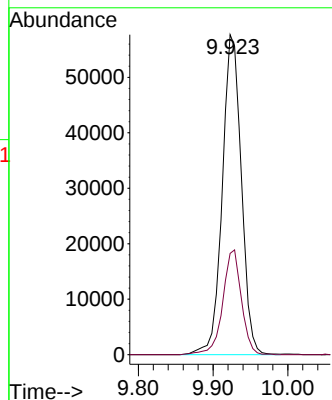
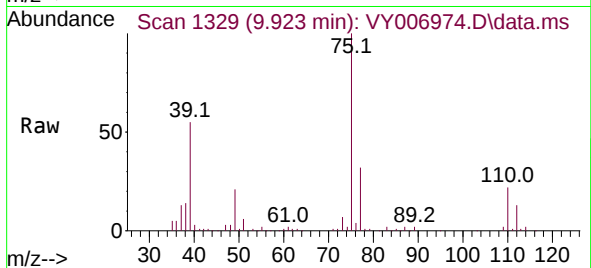
ClientSampleId :

Tgt Ion: 75 Resp: 102418

Ion Ratio Lower Upper

75 100

77 31.7 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 52.638 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.000 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

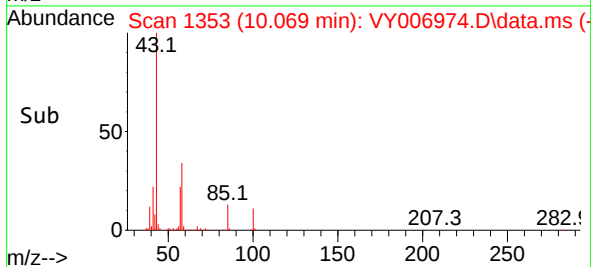
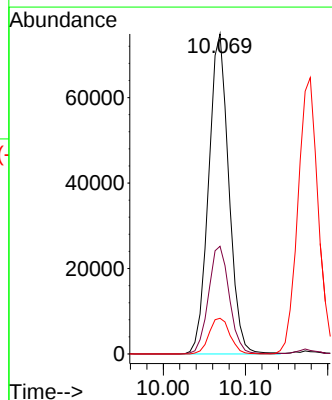
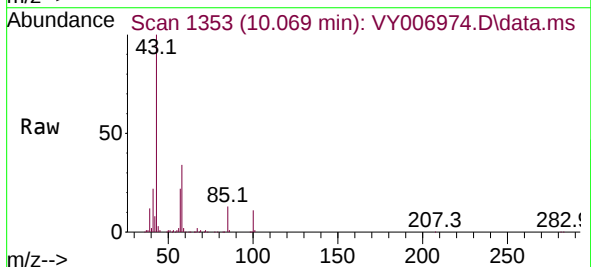
Tgt Ion: 43 Resp: 127716

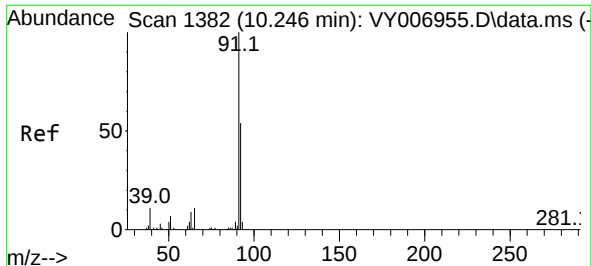
Ion Ratio Lower Upper

43 100

58 34.8 28.6 43.0

100 11.5 11.1 16.7

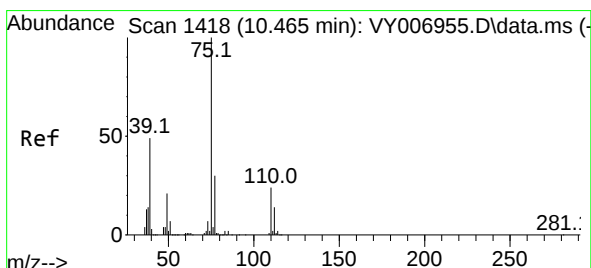
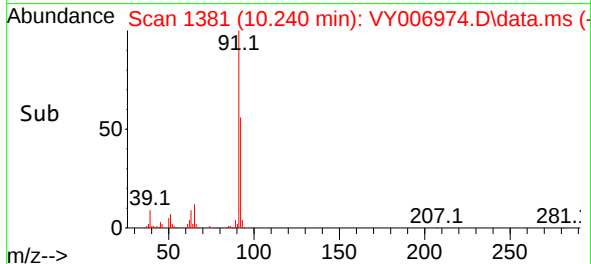
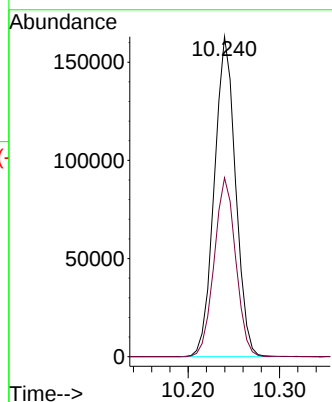
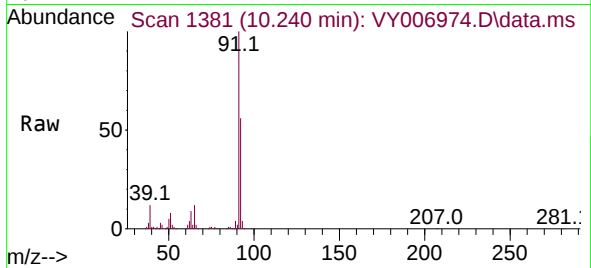




#42
Toluene
Concen: 22.740 ug/L
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

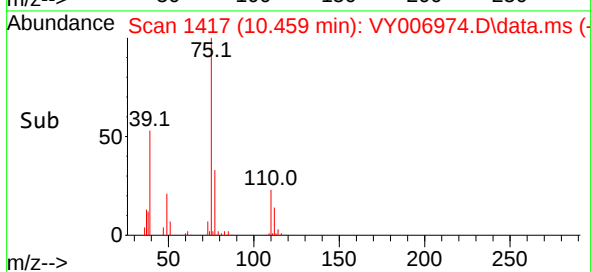
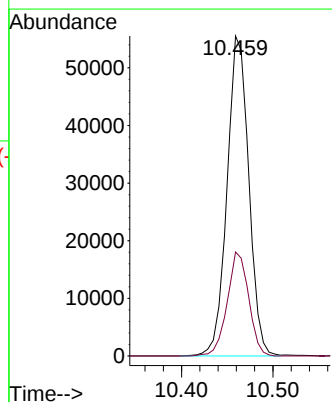
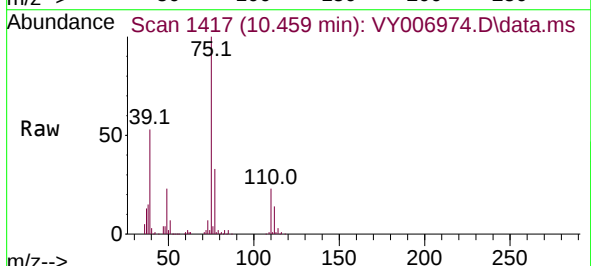
Instrument :
MSVOA_Y
ClientSampleId :

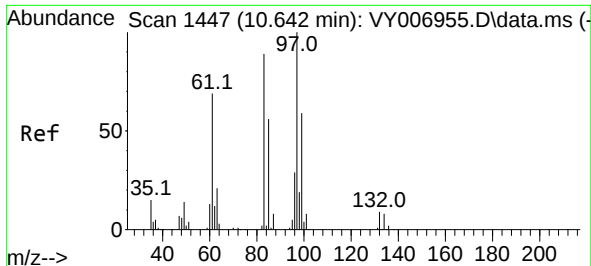
Tgt Ion: 91 Resp: 263265
Ion Ratio Lower Upper
91 100
92 55.9 39.8 74.0



#44
trans-1,3-Dichloropropene
Concen: 22.466 ug/L
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion: 75 Resp: 91677
Ion Ratio Lower Upper
75 100
77 32.5 22.6 42.0

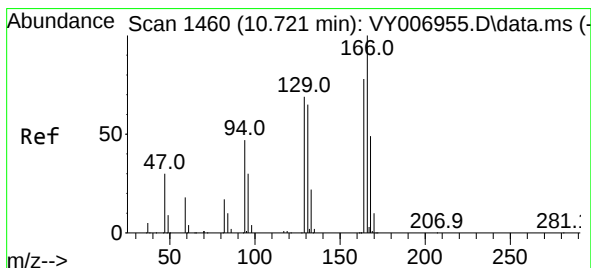
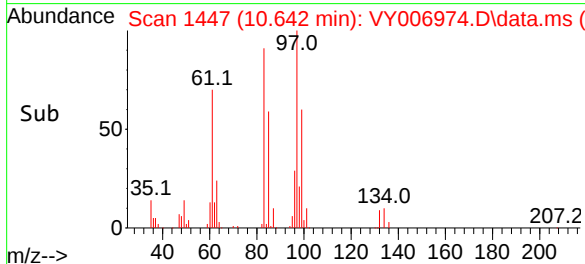
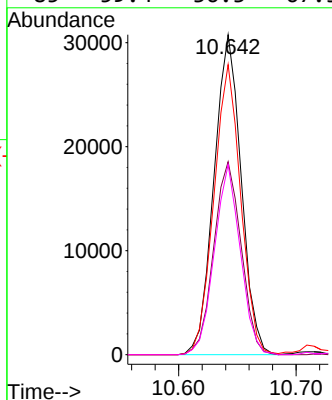
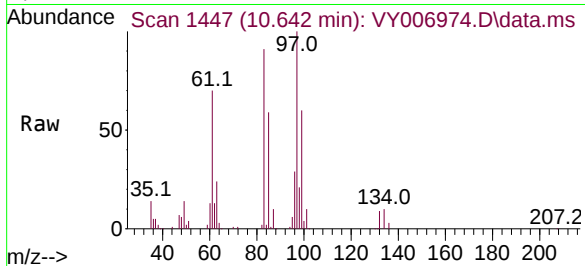




#45
1,1,2-Trichloroethane
Concen: 24.143 ug/L
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

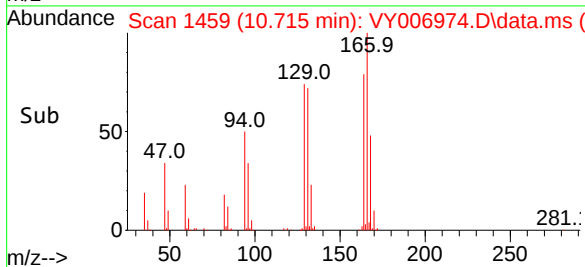
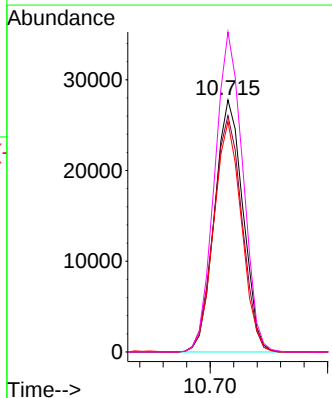
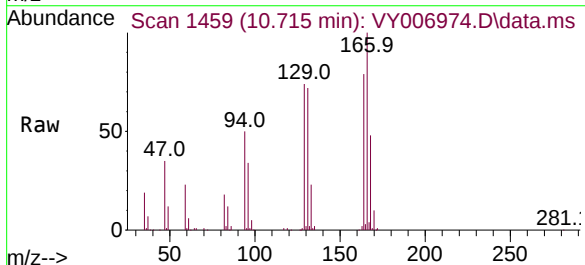
Instrument :
MSVOA_Y
ClientSampleId :

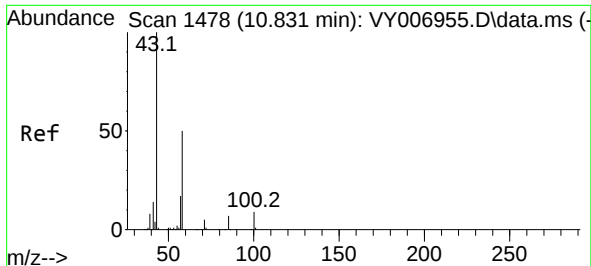
Tgt Ion: 97	Resp: 49482
Ion Ratio	Lower Upper
97 100	
99 60.3	43.0 79.8
83 90.6	58.9 109.3
85 59.4	36.3 67.3



#46
Tetrachloroethene
Concen: 20.880 ug/L
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

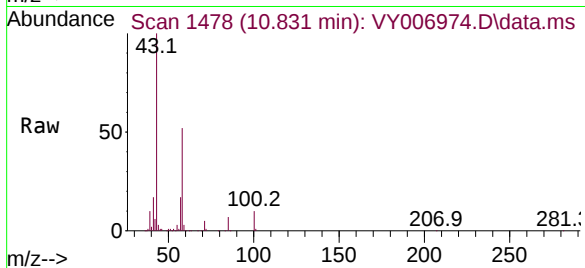
Tgt	Ion:164	Resp:	46760
Ion	Ratio	Lower	Upper
164	100		
129	93.8	62.1	115.3
131	91.4	61.0	113.2
166	127.0	90.4	168.0





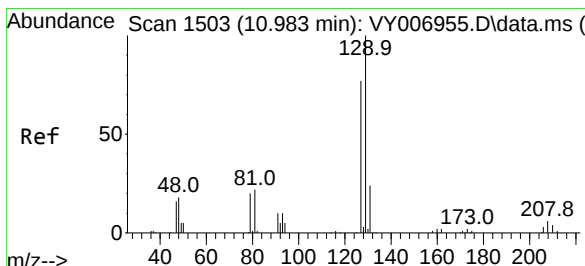
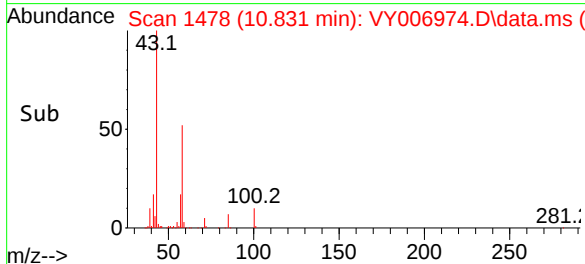
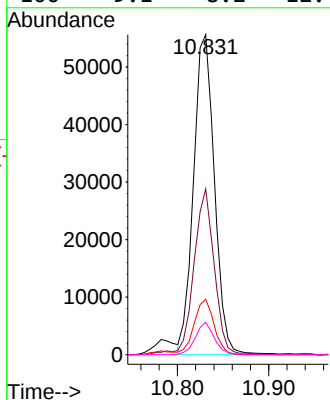
#48
2-Hexanone
Concen: 55.308 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 43 Resp: 88558

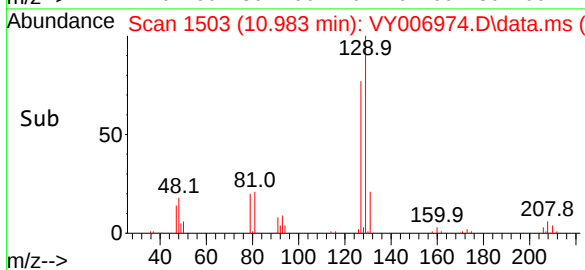
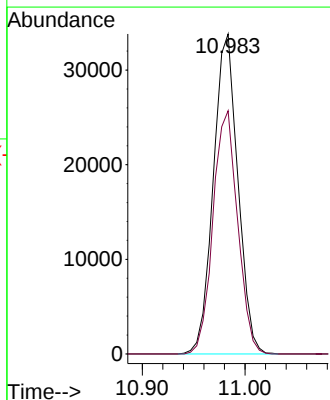
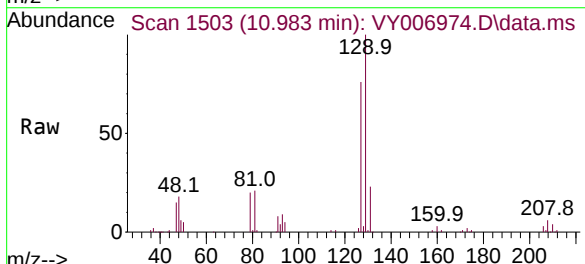
Ion	Ratio	Lower	Upper
43	100		
58	48.4	39.9	59.9
57	16.6	14.2	21.4
100	9.1	8.2	12.4

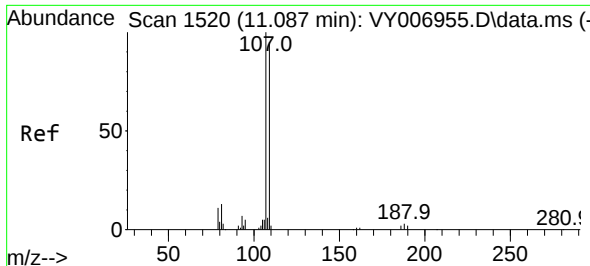


#49
Dibromochloromethane
Concen: 22.432 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion: 129 Resp: 55952

Ion	Ratio	Lower	Upper
129	100		
127	76.0	52.1	96.9





#50

1,2-Dibromoethane

Concen: 24.060 ug/L

RT: 11.081 min Scan# 1519

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

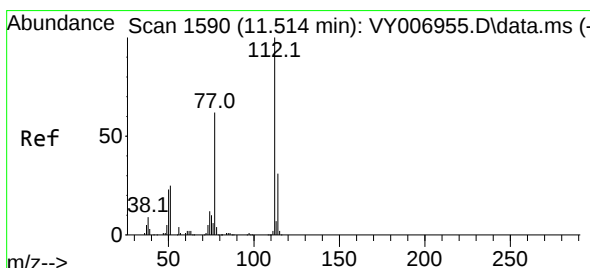
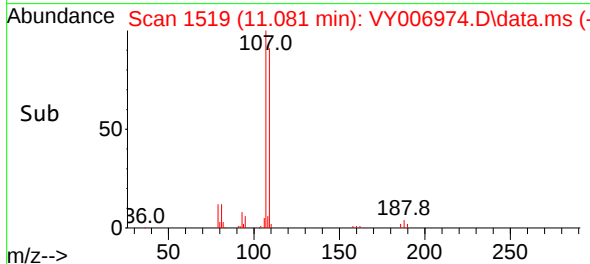
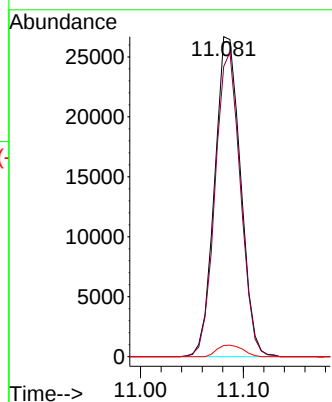
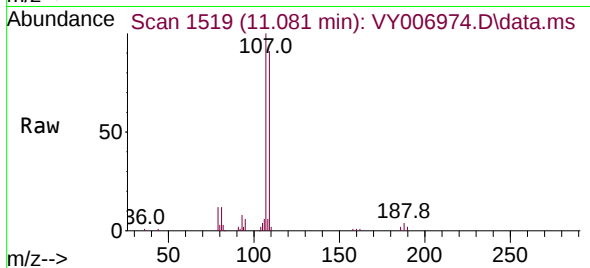
Tgt Ion:107 Resp: 46669

Ion Ratio Lower Upper

107 100

109 90.7 65.2 121.0

188 3.5 3.1 4.7



#51

Chlorobenzene

Concen: 24.479 ug/L

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

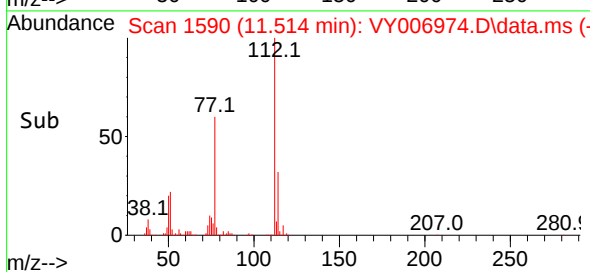
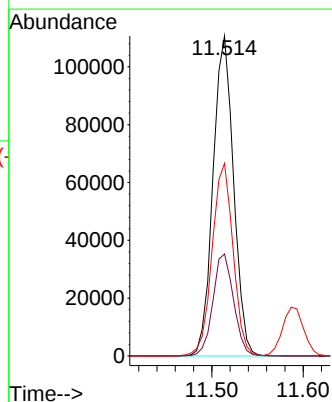
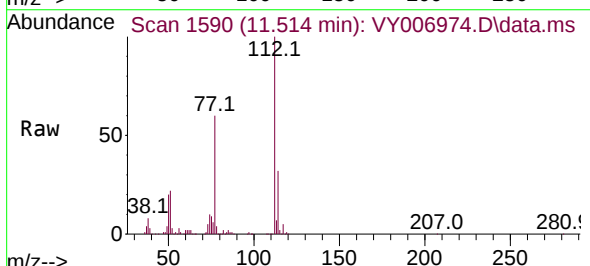
Tgt Ion:112 Resp: 172844

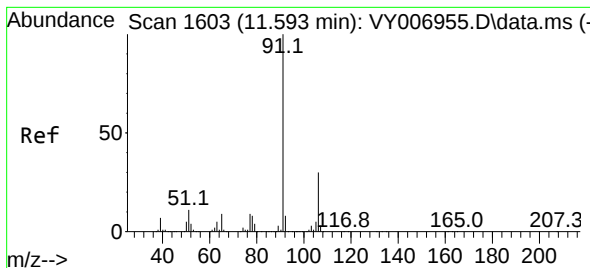
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 60.2 47.6 71.4

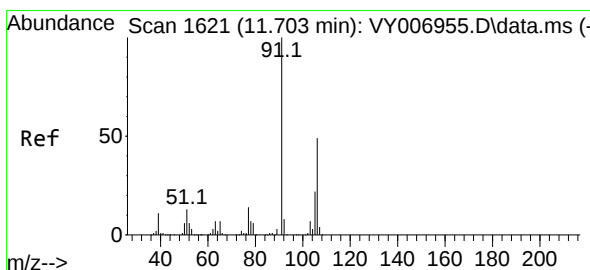
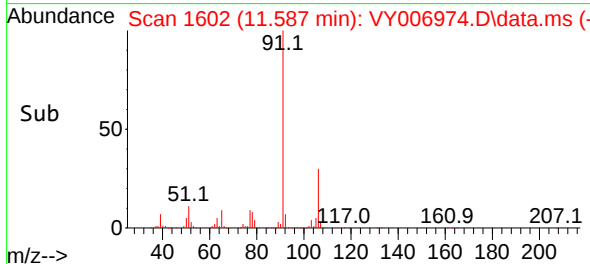
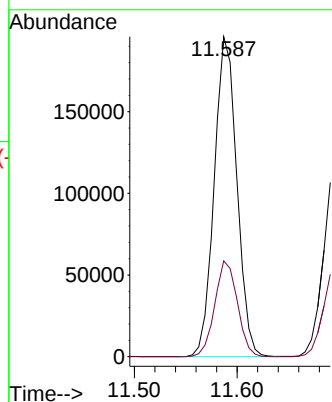
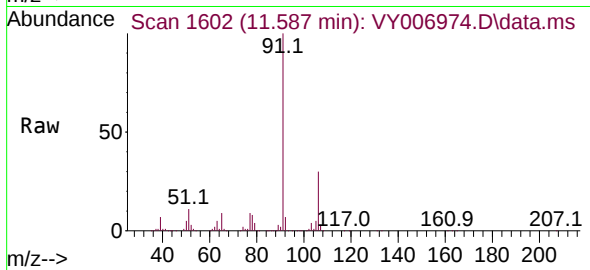




#52
Ethylbenzene
Concen: 24.044 ug/L
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

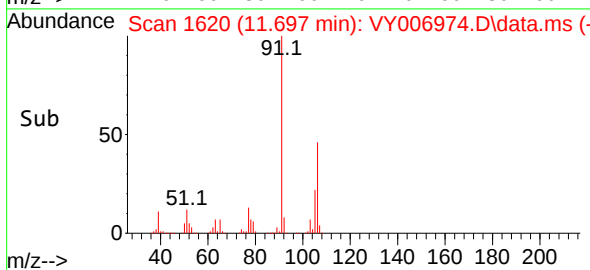
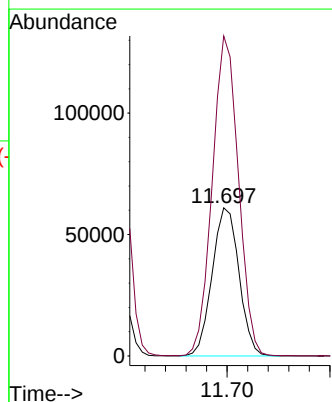
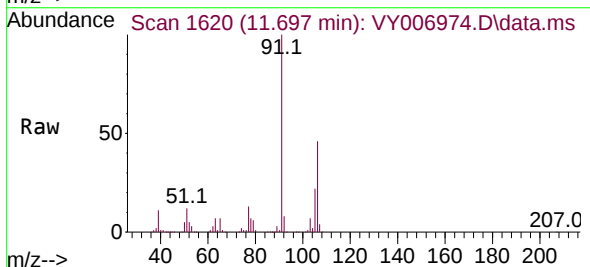
Instrument :
MSVOA_Y
ClientSampleId :

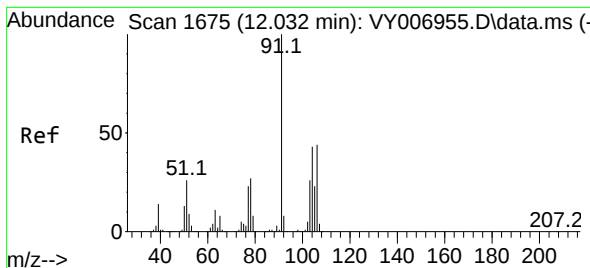
Tgt Ion: 91 Resp: 299222
Ion Ratio Lower Upper
91 100
106 29.9 21.4 39.8



#53
m,p-Xylene
Concen: 23.469 ug/L
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion:106 Resp: 110480
Ion Ratio Lower Upper
106 100
91 216.0 144.7 268.7





#54

o-Xylene

Concen: 23.200 ug/L

RT: 12.026 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

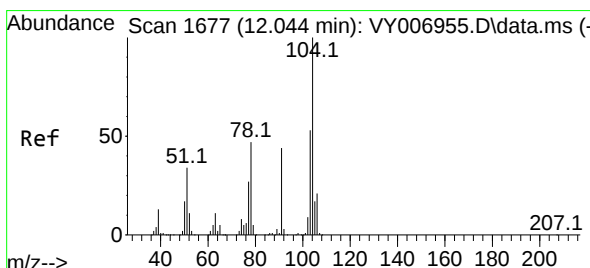
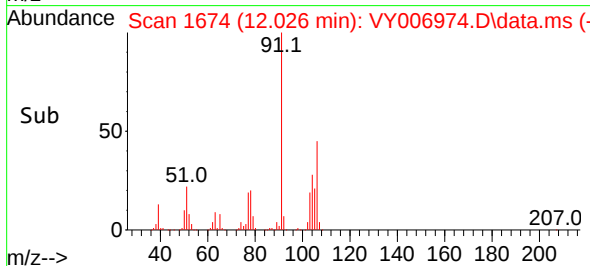
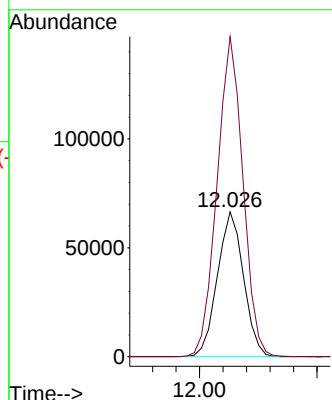
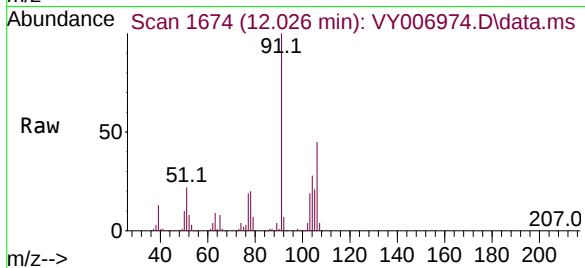
ClientSampleId :

Tgt Ion:106 Resp: 102740

Ion Ratio Lower Upper

106 100

91 221.1 155.5 288.7



#55

Styrene

Concen: 23.767 ug/L

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY006974.D

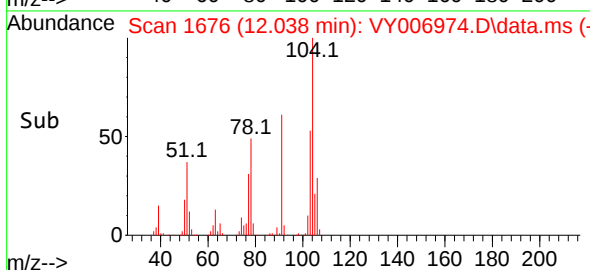
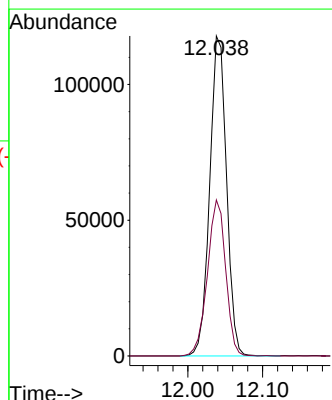
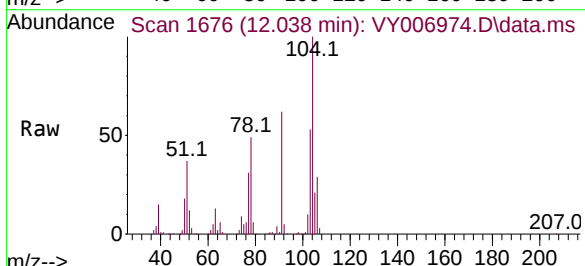
Acq: 06 Dec 2021 20:37

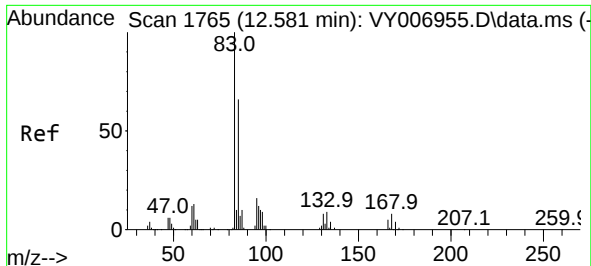
Tgt Ion:104 Resp: 184143

Ion Ratio Lower Upper

104 100

78 48.7 30.8 57.2





#57

1,1,2-Tetrachloroethane

Concen: 24.887 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006974.D

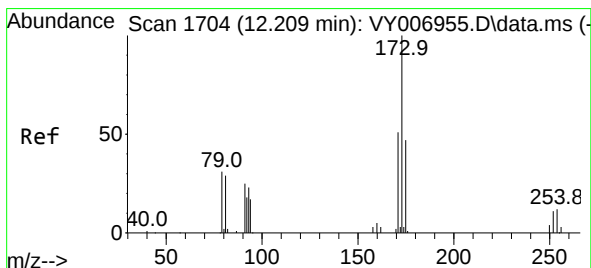
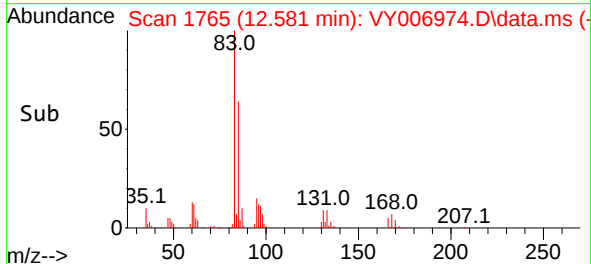
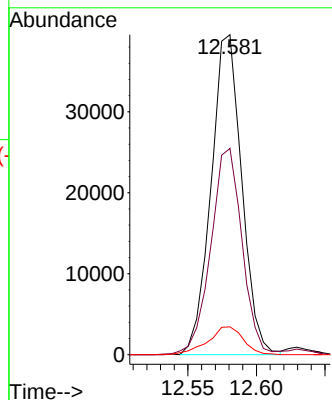
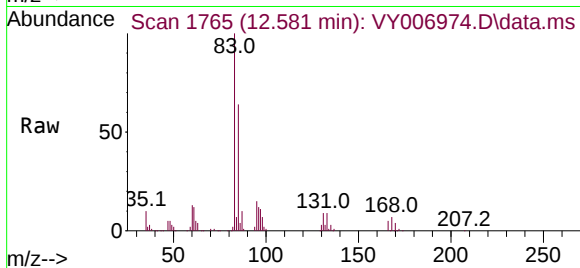
Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	61543
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.4	84.2
131	8.7	7.8	11.8



#59

Bromoform

Concen: 24.374 ug/L

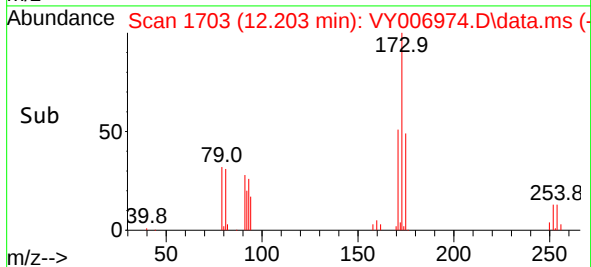
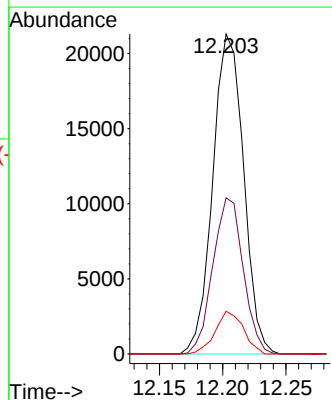
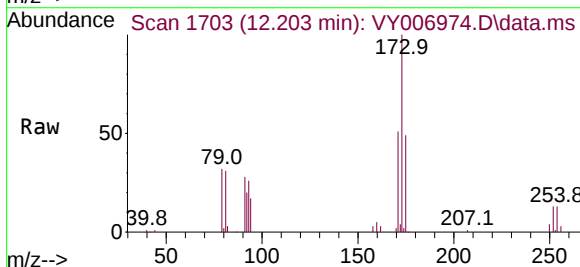
RT: 12.203 min Scan# 1703

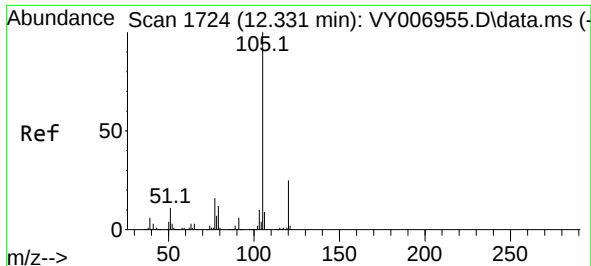
Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Tgt Ion:	173	Resp:	36075
Ion	Ratio	Lower	Upper
173	100		
175	48.1	38.6	58.0
254	12.2	10.3	15.5

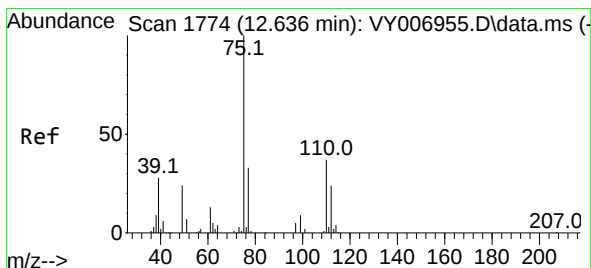
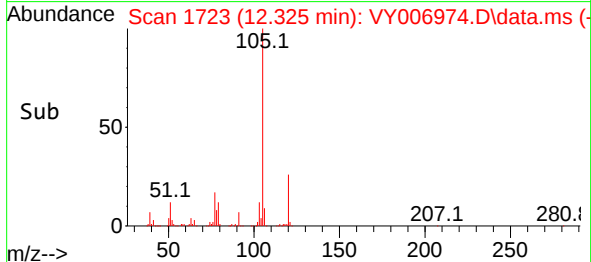
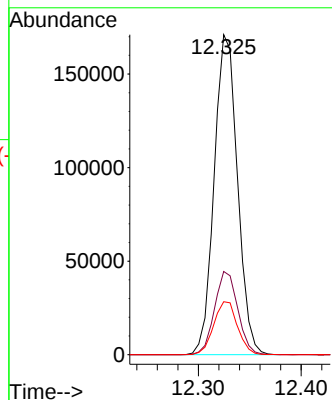
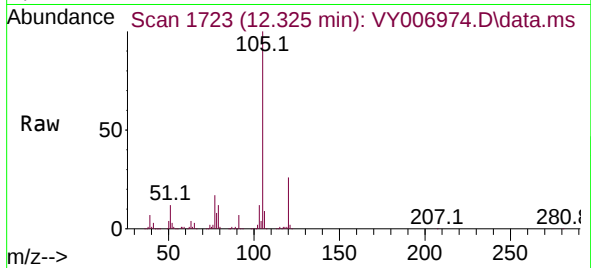




#60
Isopropylbenzene
Concen: 25.338 ug/L
RT: 12.325 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

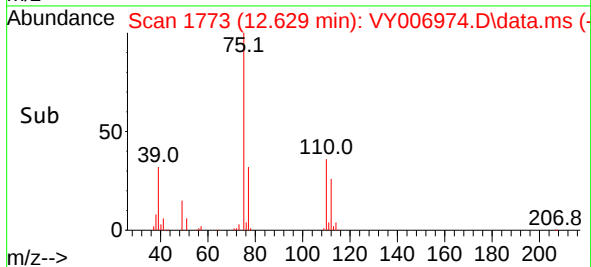
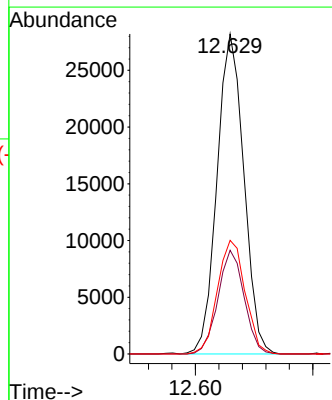
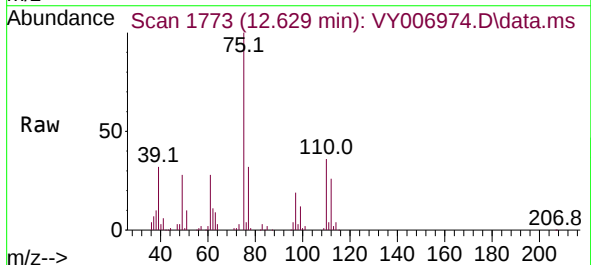
Instrument :
MSVOA_Y
ClientSampleId :

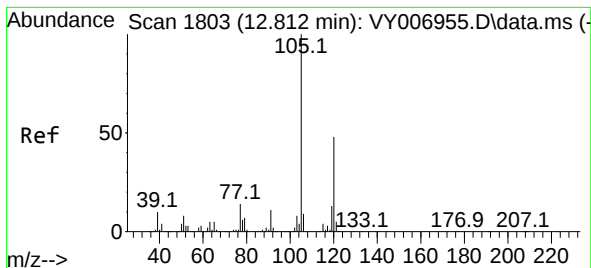
Tgt Ion:105 Resp: 269092
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 16.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 25.346 ug/L
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion: 75 Resp: 44710
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
110 36.6 31.7 47.5





#62

1,3,5-Trimethylbenzene

Concen: 22.124 ug/L

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

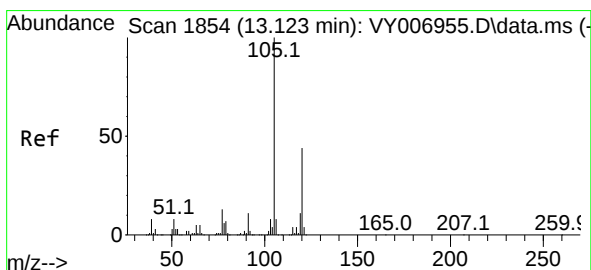
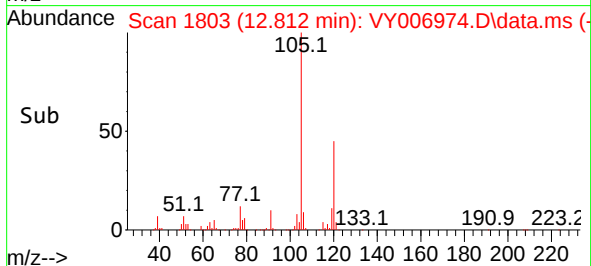
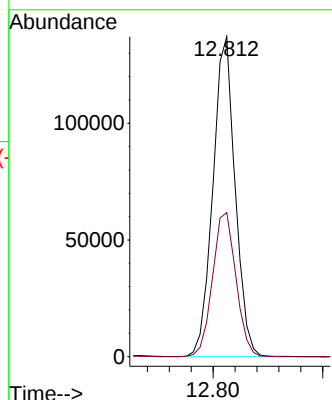
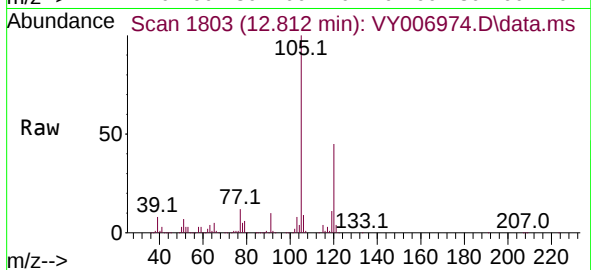
ClientSampleId :

Tgt Ion:105 Resp: 193187

Ion Ratio Lower Upper

105 100

120 47.4 39.0 58.4



#63

1,2,4-Trimethylbenzene

Concen: 22.521 ug/L

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY006974.D

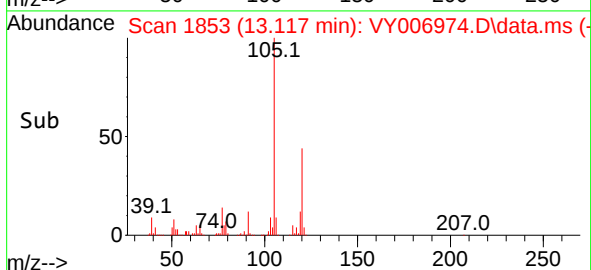
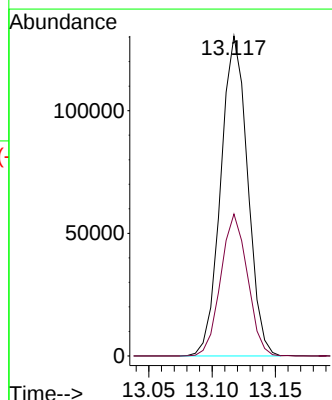
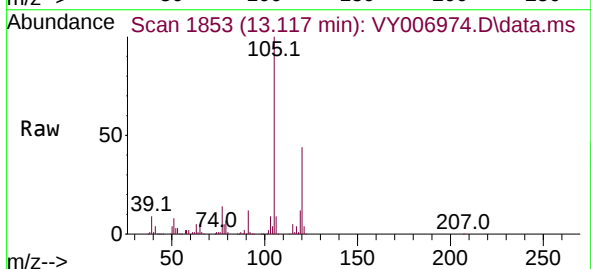
Acq: 06 Dec 2021 20:37

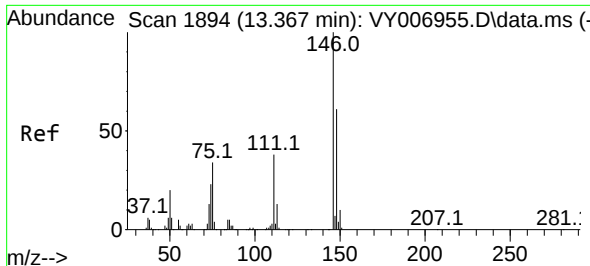
Tgt Ion:105 Resp: 192350

Ion Ratio Lower Upper

105 100

120 44.1 36.0 54.0

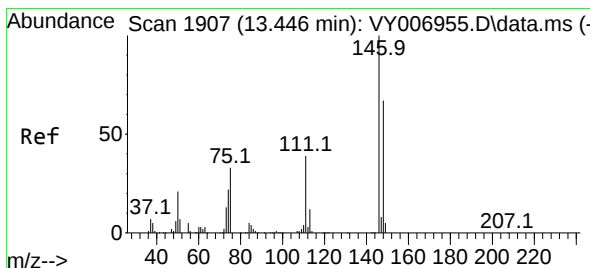
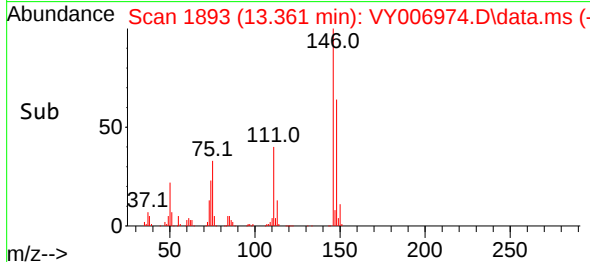
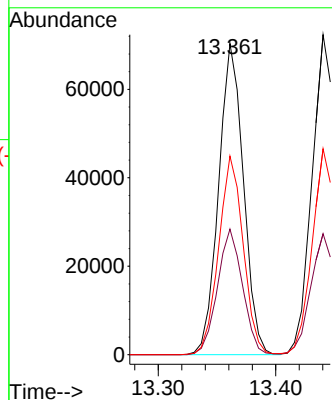
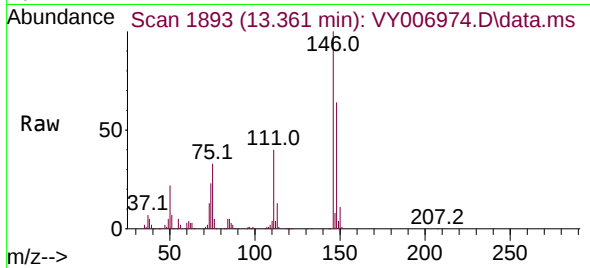




#64
1,3-Dichlorobenzene
Concen: 21.611 ug/L
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

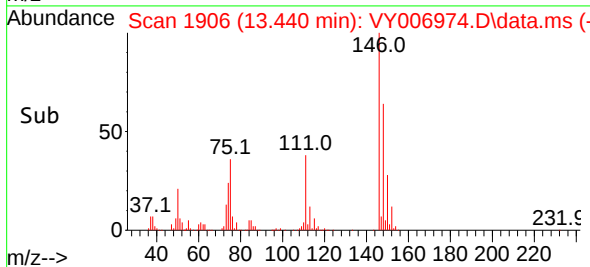
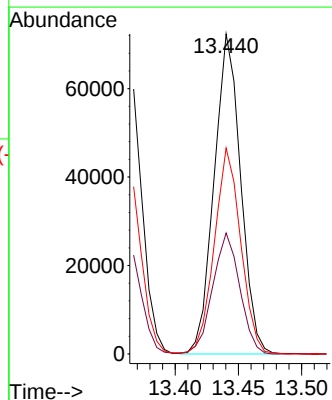
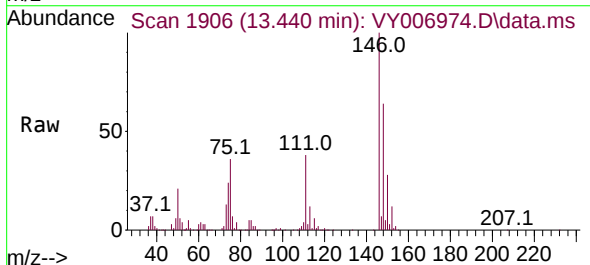
Instrument :
MSVOA_Y
ClientSampleId :

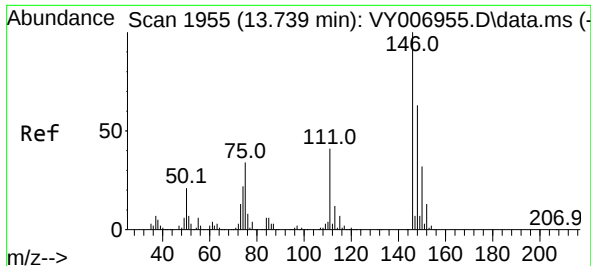
Tgt Ion:146 Resp: 103293
Ion Ratio Lower Upper
146 100
111 40.4 27.4 51.0
148 63.8 45.4 84.2



#65
1,4-Dichlorobenzene
Concen: 21.663 ug/L
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

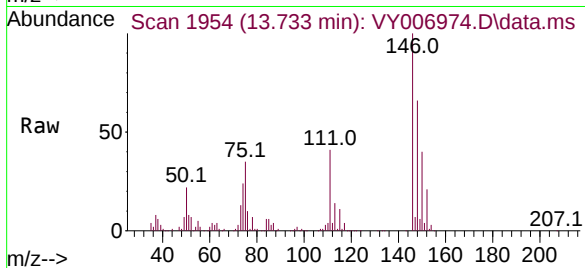
Tgt Ion:146 Resp: 105510
Ion Ratio Lower Upper
146 100
111 37.8 25.3 46.9
148 64.4 44.9 83.5



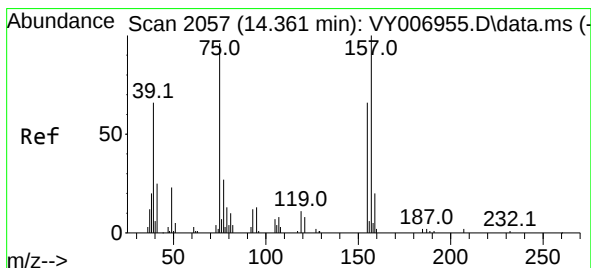
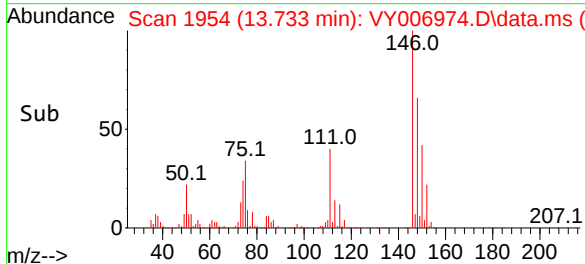
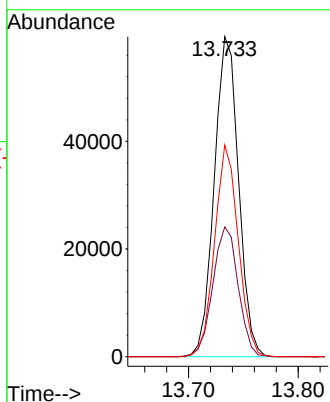


#67
1,2-Dichlorobenzene
Concen: 21.431 ug/L
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Instrument :
MSVOA_Y
ClientSampleId :

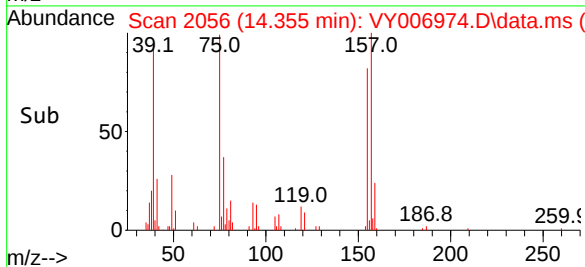
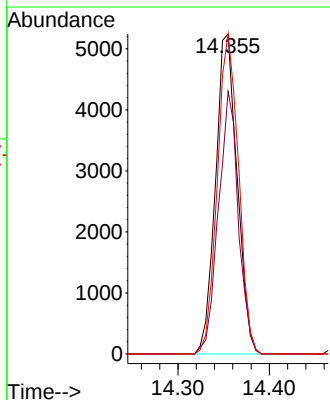
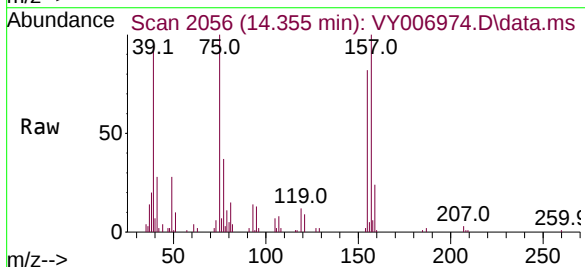


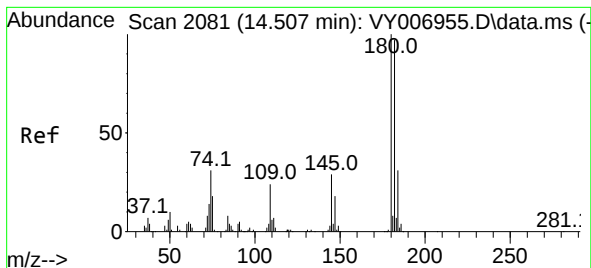
Tgt Ion:146 Resp: 91723
Ion Ratio Lower Upper
146 100
111 40.6 31.0 46.6
148 66.1 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 22.678 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006974.D
Acq: 06 Dec 2021 20:37

Tgt Ion: 75 Resp: 8614
Ion Ratio Lower Upper
75 100
155 82.1 66.3 99.5
157 99.9 93.9 140.9





#69

1,3,5-Trichlorobenzene

Concen: 20.209 ug/L

RT: 14.501 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 65733

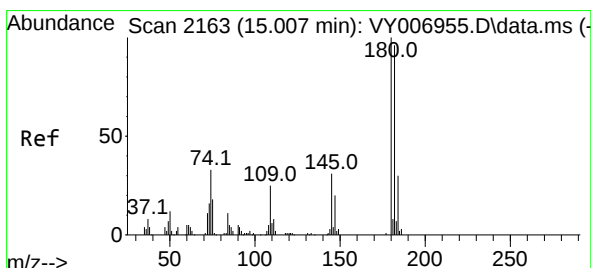
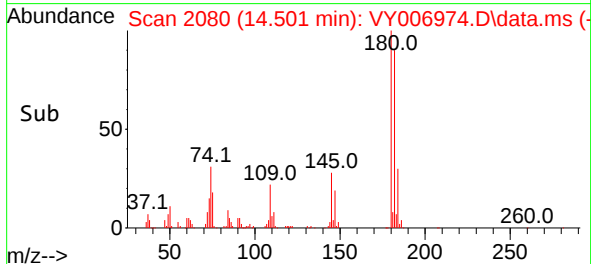
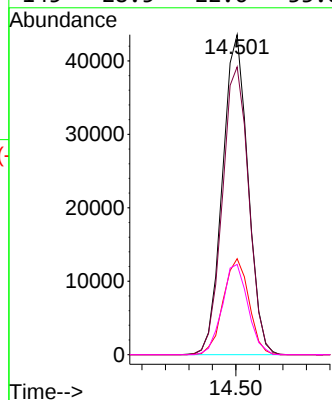
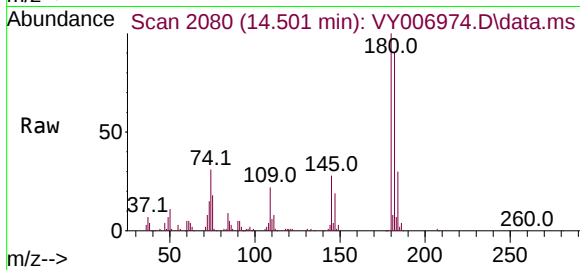
Ion Ratio Lower Upper

180 100

182 92.9 76.0 114.0

184 30.3 24.6 36.8

145 28.5 22.6 33.8



#70

1,2,4-trichlorobenzene

Concen: 19.439 ug/L

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

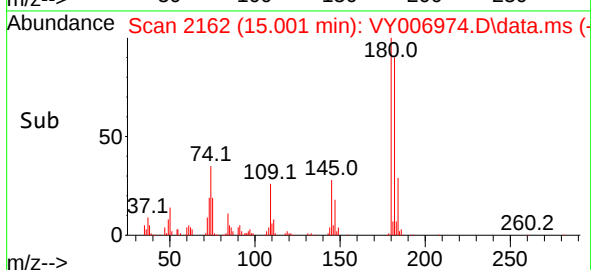
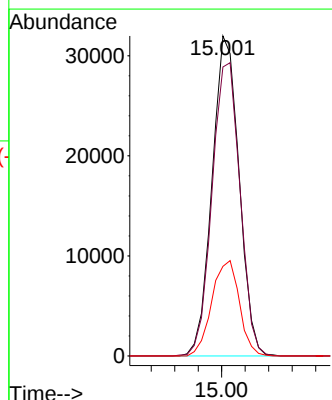
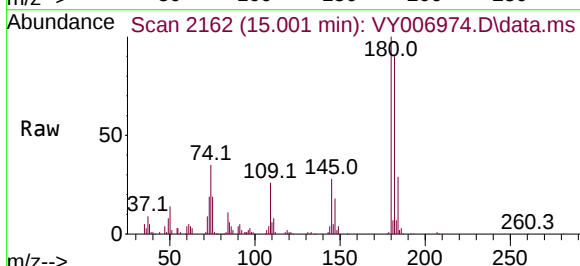
Tgt Ion:180 Resp: 50998

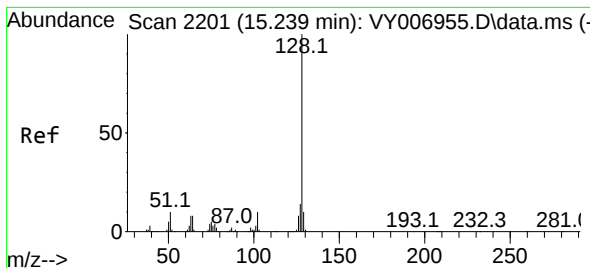
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 30.4 23.0 34.6





#71

Naphthalene

Concen: 21.560 ug/L

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Instrument :

MSVOA_Y

ClientSampleId :

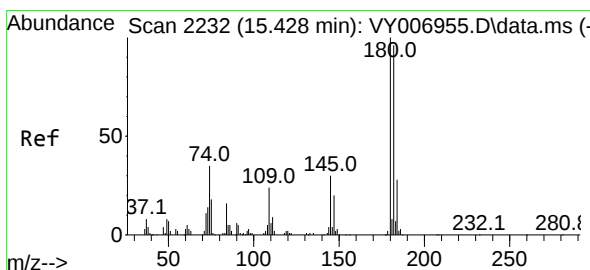
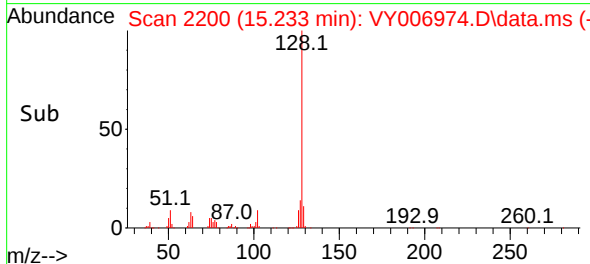
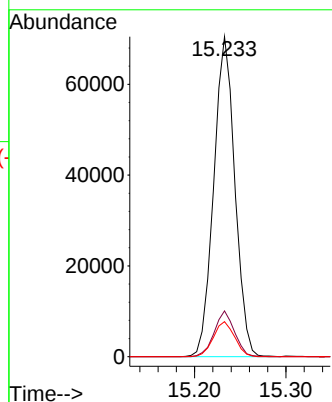
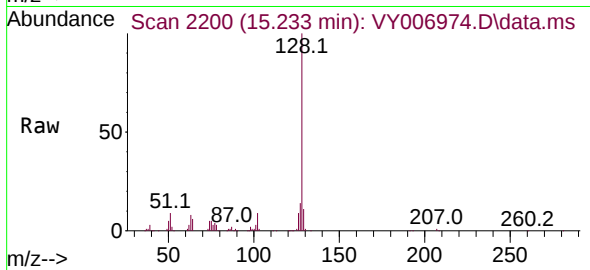
Tgt Ion:128 Resp: 113334

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 20.307 ug/L

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY006974.D

Acq: 06 Dec 2021 20:37

Tgt Ion:180 Resp: 45016

Ion Ratio Lower Upper

180 100

182 94.1 75.5 113.3

145 32.2 23.5 35.3

