

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006995.D
 Acq On : 07 Dec 2021 13:35
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:18:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	159581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	150230	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	84692	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	380928	159.718	ug/L	0.00
7) Chloroethane-d5	2.765	69	280386	151.358	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.851	63	589887	130.528	ug/L	0.00
21) 2-Butanone-d5	6.893	46	185215	212.658	ug/L	0.00
24) Chloroform-d	7.484	84	513296	122.434	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.143	65	293443	116.345	ug/L	0.00
32) Benzene-d6	8.112	84	1014965	121.777	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.124	67	329102	122.564	ug/L	0.00
41) Toluene-d8	10.179	98	952935	122.892	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.441	79	153516	119.909	ug/L	0.00
47) 2-Hexanone-d5	10.788	63	139454	217.835	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.562	84	274331	120.695	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.721	152	319476	113.192	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.918	85	117912	115.489	ug/L	92
3) Chloromethane	2.119	50	248988	121.173	ug/L	100
5) Vinyl chloride	2.259	62	410082	131.131	ug/L	100
6) Bromomethane	2.662	94	245550	129.698	ug/L	93
8) Chloroethane	2.802	64	246596	131.298	ug/L	100
9) Trichlorofluoromethane	3.131	101	310899	141.346	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	238582	115.989	ug/L	96
12) 1,1-Dichloroethene	3.869	96	246766	112.627	ug/L	96
13) Acetone	3.948	43	148223	189.393	ug/L	100
14) Carbon disulfide	4.198	76	775291	107.351	ug/L	98
15) Methyl Acetate	4.479	43	167595	98.780	ug/L	# 65
16) Methylene chloride	4.716	84	266565	90.392	ug/L	98
17) trans-1,2-Dichloroethene	5.222	96	259108	110.155	ug/L	99
18) Methyl tert-butyl Ether	5.222	73	467196	107.900	ug/L	99
19) 1,1-Dichloroethane	6.021	63	530565	117.878	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	282956	112.500	ug/L	100
22) 2-Butanone	6.990	43	230152	208.727	ug/L	100
23) Bromochloromethane	7.338	128	119495	104.557	ug/L	91
25) Chloroform	7.508	83	514050	114.715	ug/L	99
27) 1,2-Dichloroethane	8.240	62	346601	106.528	ug/L	99
29) Cyclohexane	7.789	56	507753	117.518	ug/L	99
30) 1,1,1-Trichloroethane	7.704	97	411415	106.496	ug/L	99
31) Carbon tetrachloride	7.905	117	382216	105.047	ug/L	100
33) Benzene	8.161	78	1163624	112.780	ug/L	100
34) Trichloroethene	8.941	95	279946	110.994	ug/L	98
35) Methylcyclohexane	9.185	83	506992	112.639	ug/L	98
37) 1,2-Dichloropropane	9.216	63	313450	115.635	ug/L	100
38) Bromodichloromethane	9.496	83	382174	110.740	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	487206	116.337	ug/L	97
40) 4-Methyl-2-pentanone	10.069	43	513701	211.296	ug/L	100
42) Toluene	10.246	91	1256483	114.726	ug/L	95
44) trans-1,3-Dichloropropene	10.465	75	443242	112.978	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006995.D
 Acq On : 07 Dec 2021 13:35
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:18:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

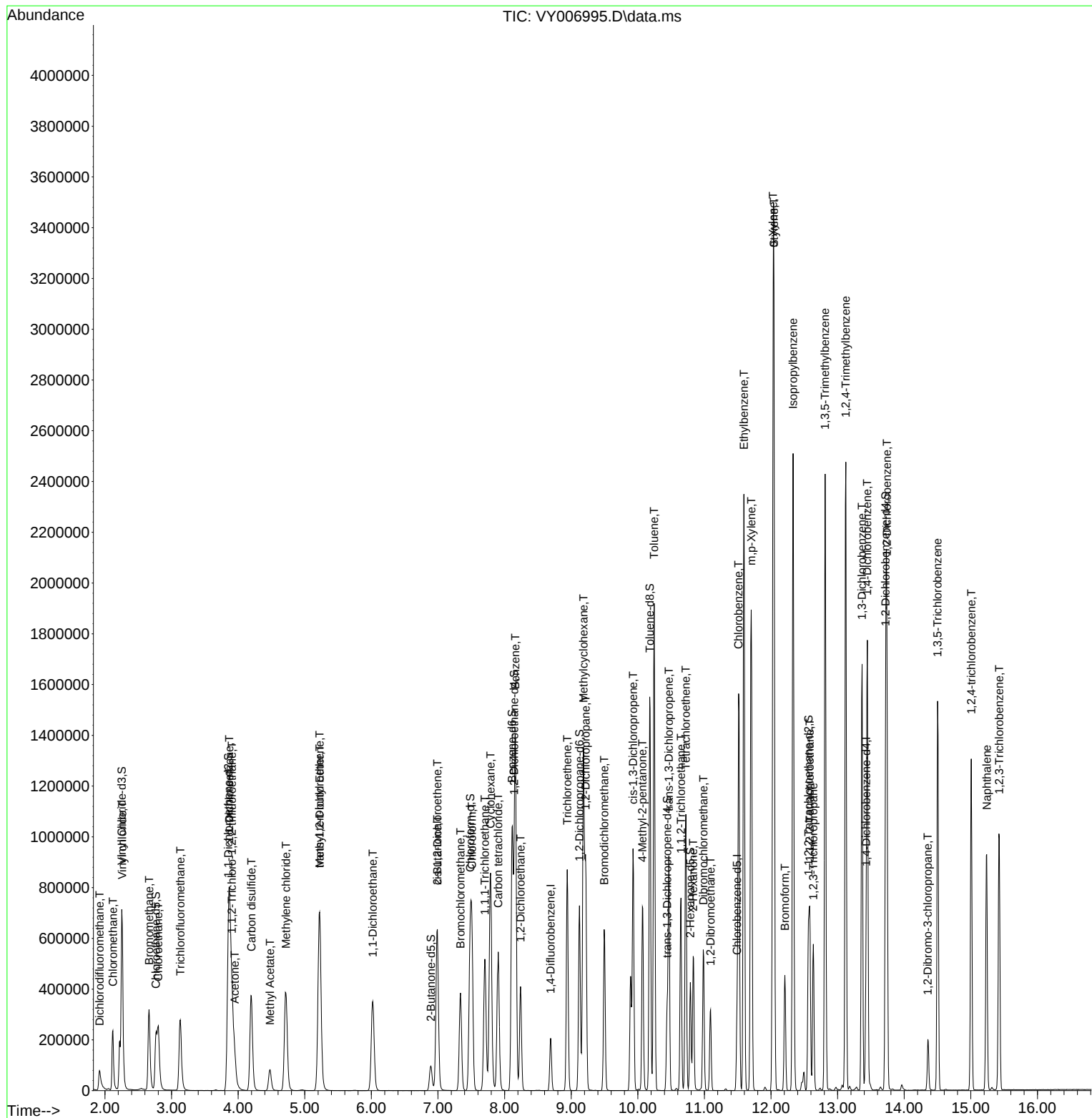
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.648	97	214000	108.302	ug/L	97
46) Tetrachloroethene	10.721	164	216383	105.222	ug/L	98
48) 2-Hexanone	10.831	43	359458	220.567	ug/L	99
49) Dibromochloromethane	10.983	129	251372	106.135	ug/L	97
50) 1,2-Dibromoethane	11.093	107	198323	105.797	ug/L	99
51) Chlorobenzene	11.514	112	729904	110.240	ug/L	98
52) Ethylbenzene	11.593	91	1532759	130.562	ug/L	99
53) m,p-Xylene	11.703	106	560061	126.182	ug/L	97
54) o-Xylene	12.032	106	535489	128.219	ug/L	97
55) Styrene	12.044	104	948635	129.976	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	289317	118.305	ug/L	99
59) Bromoform	12.209	173	190481	114.088	ug/L	99
60) Isopropylbenzene	12.331	105	1491099	124.035	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	214582	103.521	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	1194920	121.139	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	1261760	127.167	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	615295	109.457	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	607215	106.019	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	547313	109.188	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.355	75	47725	103.526	ug/L	97
69) 1,3,5-Trichlorobenzene	14.501	180	425741	113.521	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	367623	119.129	ug/L	99
71) Naphthalene	15.239	128	719095	114.452	ug/L	100
72) 1,2,3-Trichlorobenzene	15.428	180	318780	117.140	ug/L	99

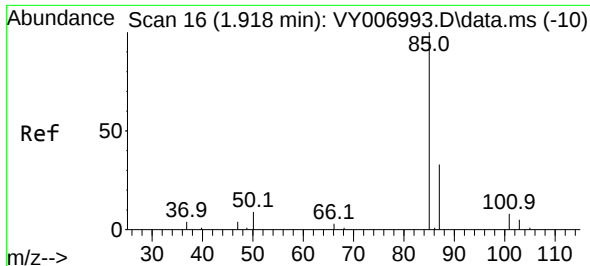
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120721\
 Data File : VY006995.D
 Acq On : 07 Dec 2021 13:35
 Operator : SY/MD
 Sample : VSTD10010
 Misc : 5.00g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 08 01:18:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120721SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 01:13:32 2021
 Response via : Initial Calibration

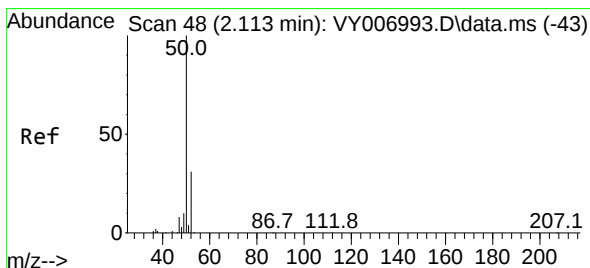
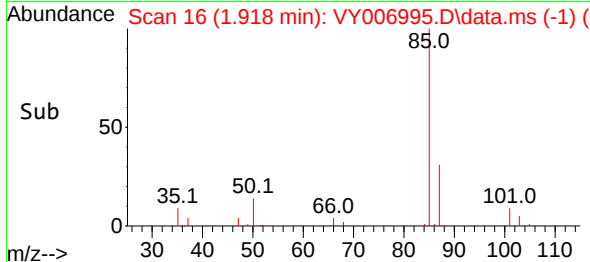
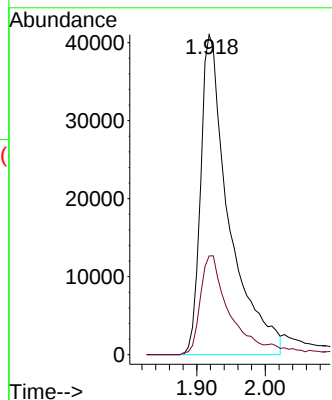
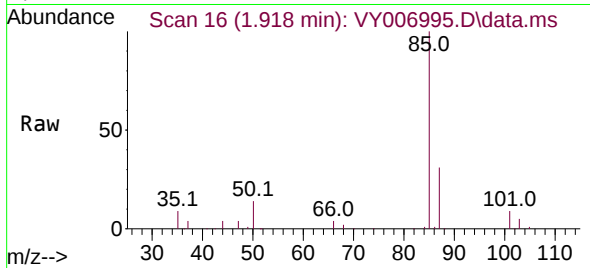




#2
 Dichlorodifluoromethane
 Concen: 115.489 ug/L
 RT: 1.918 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VY006995.D
 Acq: 07 Dec 2021 13:35

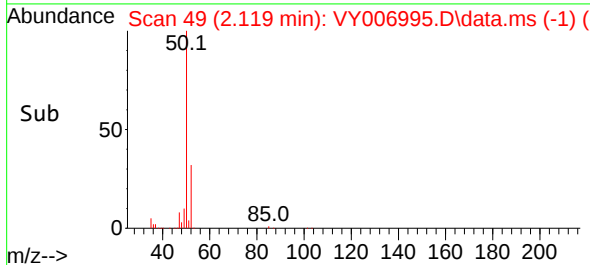
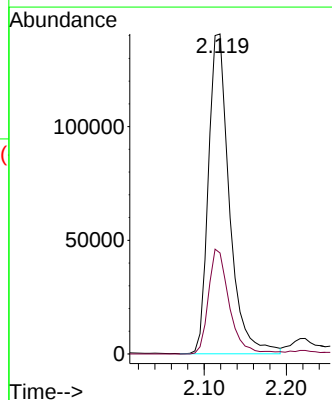
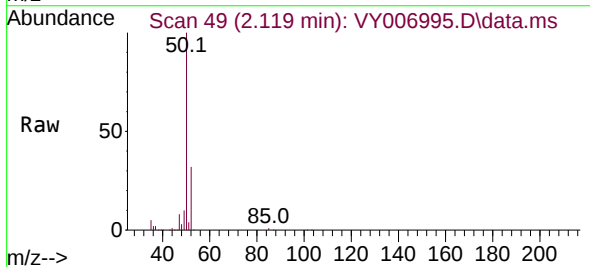
Instrument :
 MSVOA_Y
 ClientSampleId :

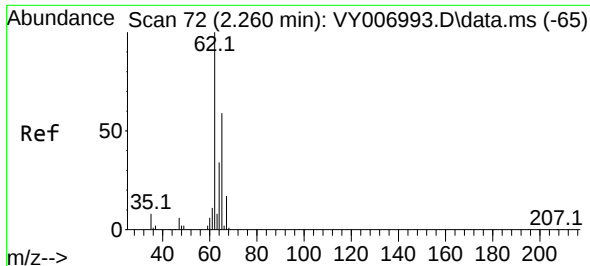
Tgt Ion: 85 Resp: 117912
 Ion Ratio Lower Upper
 85 100
 87 30.8 21.2 31.8



#3
 Chloromethane
 Concen: 121.173 ug/L
 RT: 2.119 min Scan# 49
 Delta R.T. 0.006 min
 Lab File: VY006995.D
 Acq: 07 Dec 2021 13:35

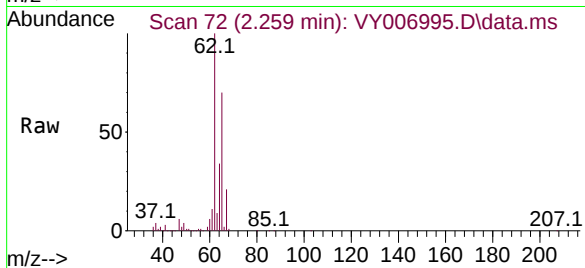
Tgt Ion: 50 Resp: 248988
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.0 41.0



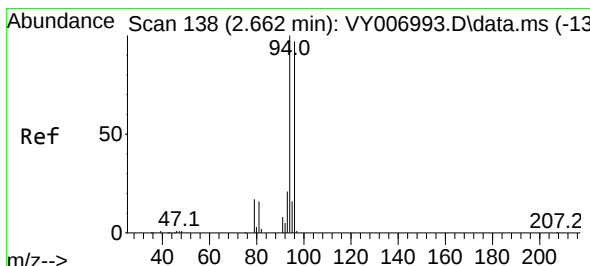
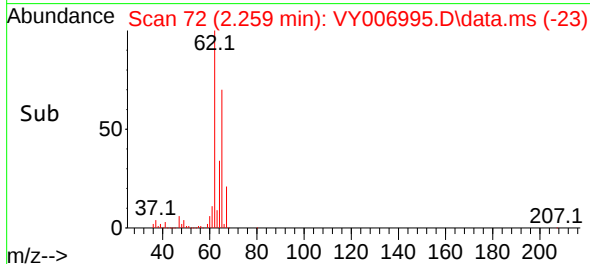
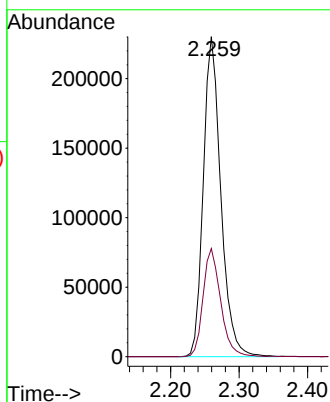


#5
 Vinyl chloride
 Concen: 131.131 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY006995.D
 Acq: 07 Dec 2021 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :

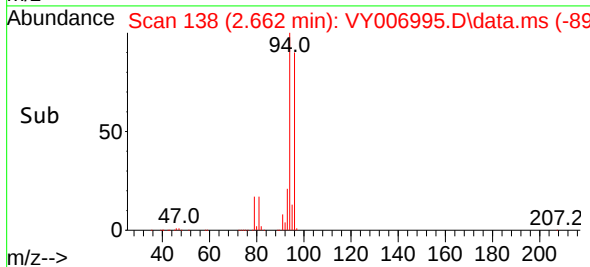
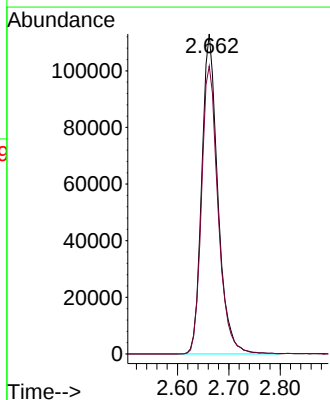
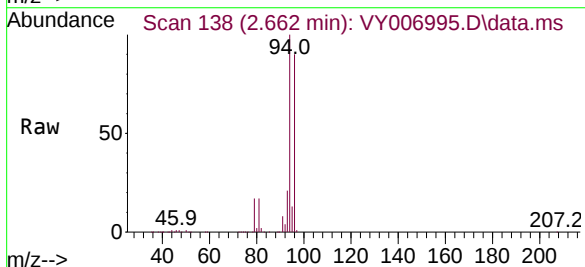


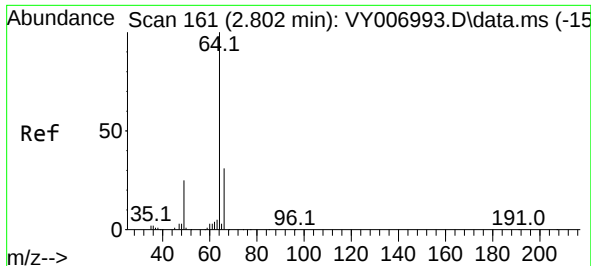
Tgt Ion: 62 Resp: 410082
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.8 44.2



#6
 Bromomethane
 Concen: 129.698 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY006995.D
 Acq: 07 Dec 2021 13:35

Tgt Ion: 94 Resp: 245550
 Ion Ratio Lower Upper
 94 100
 96 90.0 68.0 126.4

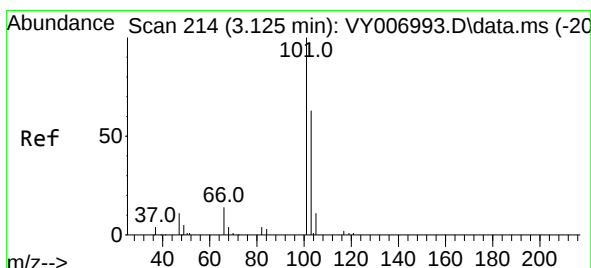
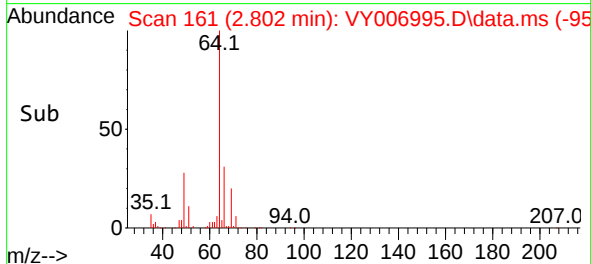
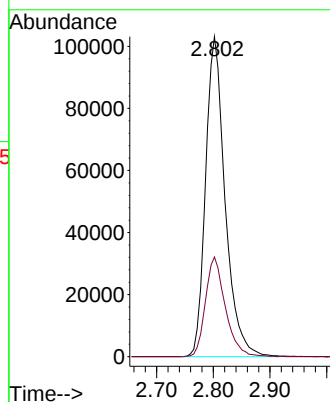
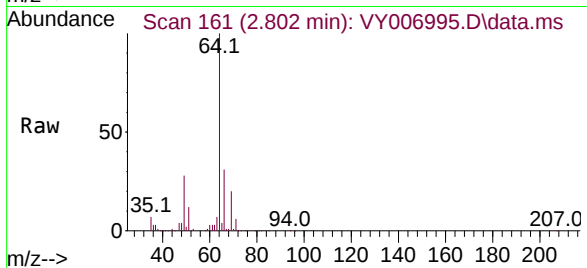




#8
Chloroethane
Concen: 131.298 ug/L
RT: 2.802 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

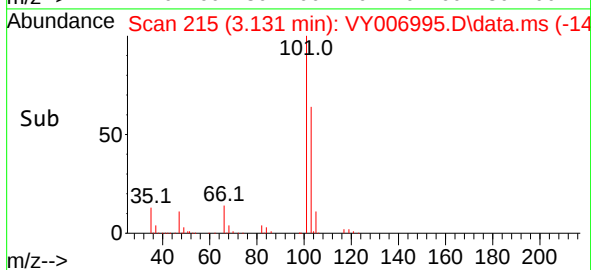
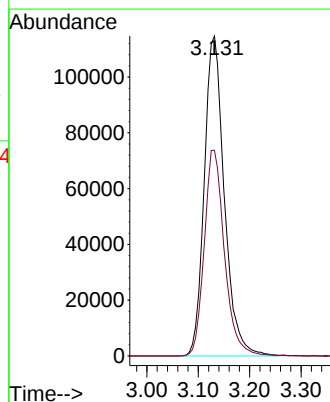
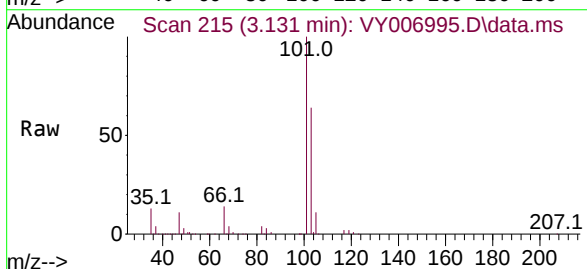
Instrument :
MSVOA_Y
ClientSampleId :

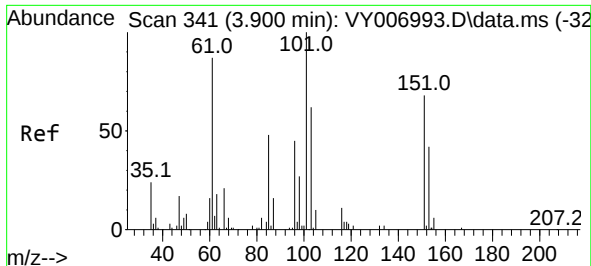
Tgt Ion: 64 Resp: 246596
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.4



#9
Trichlorofluoromethane
Concen: 141.346 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion:101 Resp: 310899
Ion Ratio Lower Upper
101 100
103 64.8 51.1 76.7

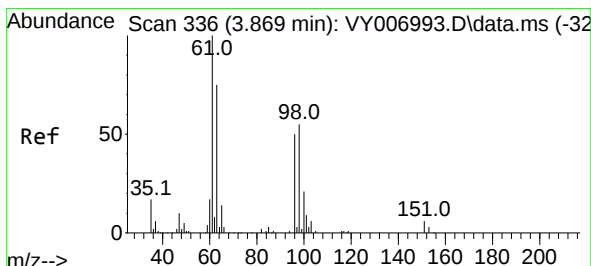
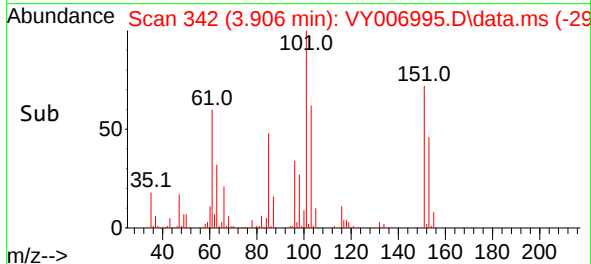
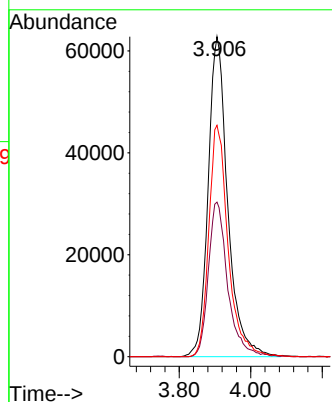
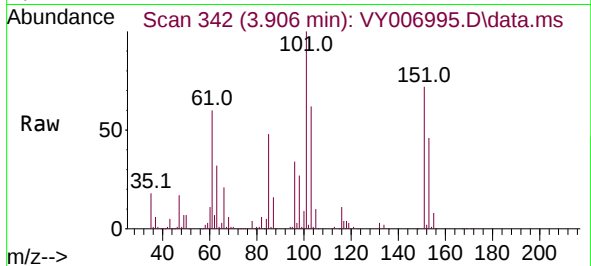




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 115.989 ug/L
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

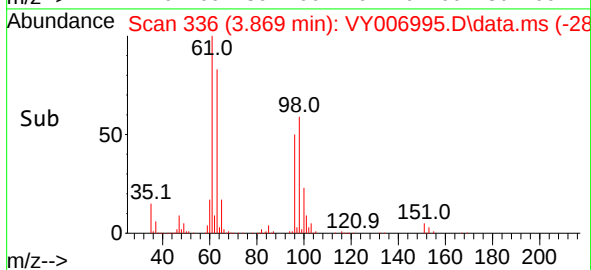
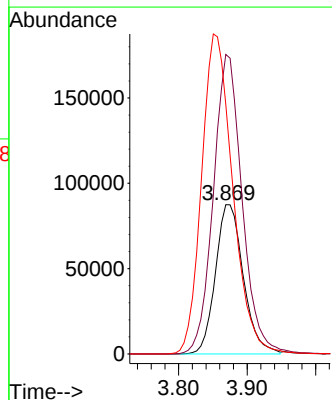
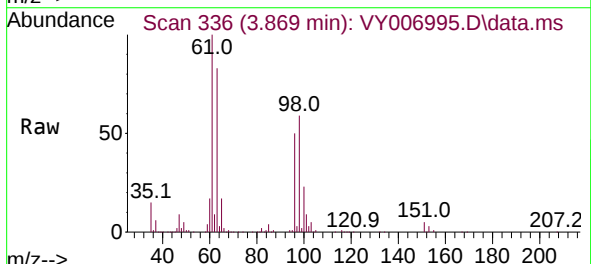
Instrument :
MSVOA_Y
ClientSampleId :

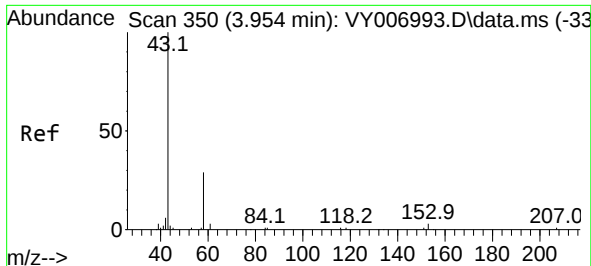
Tgt Ion:101 Resp: 238582
Ion Ratio Lower Upper
101 100
85 47.4 34.6 52.0
151 71.2 55.0 82.4



#12
1,1-Dichloroethene
Concen: 112.627 ug/L
RT: 3.869 min Scan# 336
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion: 96 Resp: 246766
Ion Ratio Lower Upper
96 100
61 200.6 142.0 263.8
63 167.1 110.9 205.9

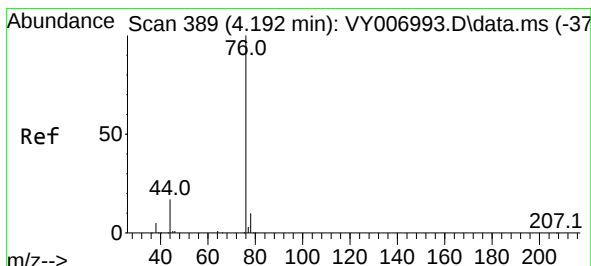
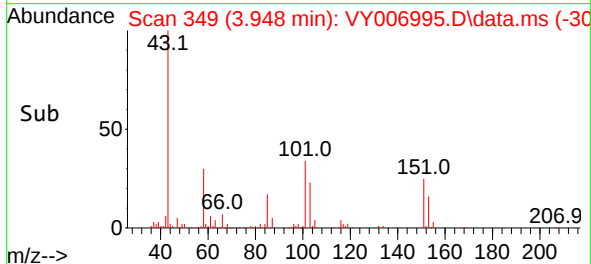
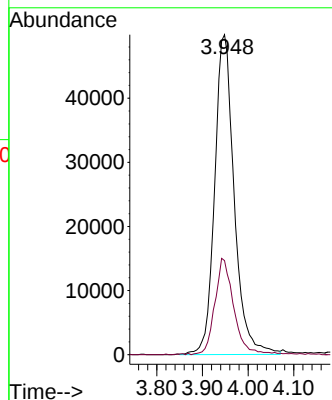
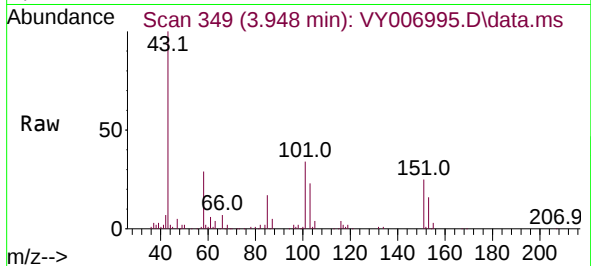




#13
Acetone
Concen: 189.393 ug/L
RT: 3.948 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

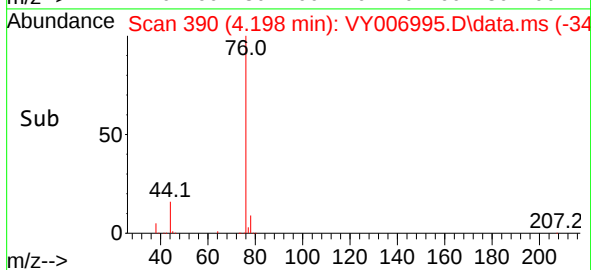
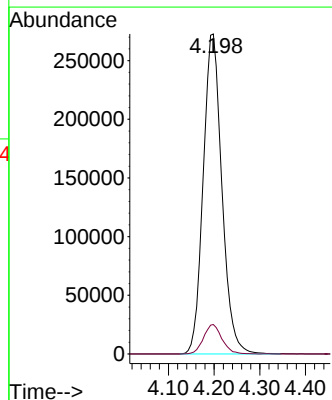
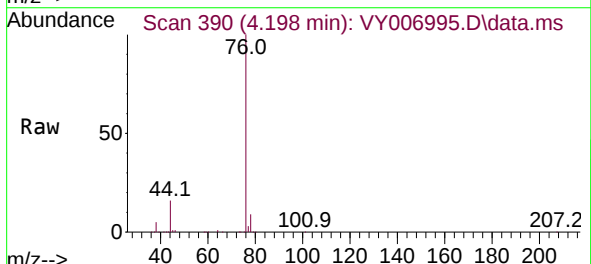
Instrument :
MSVOA_Y
ClientSampleId :

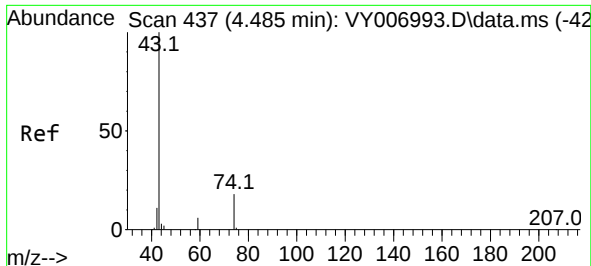
Tgt Ion: 43 Resp: 148223
Ion Ratio Lower Upper
43 100
58 28.2 0.0 56.4



#14
Carbon disulfide
Concen: 107.351 ug/L
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion: 76 Resp: 775291
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8

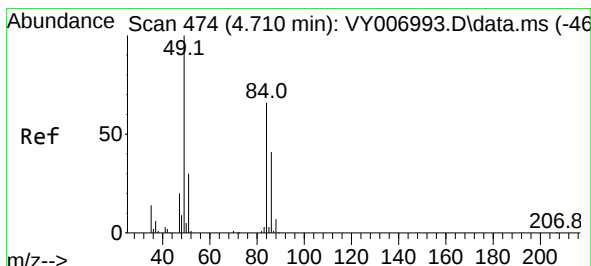
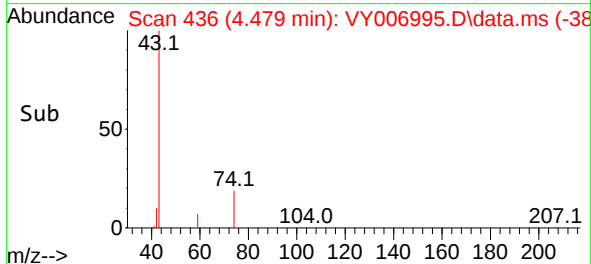
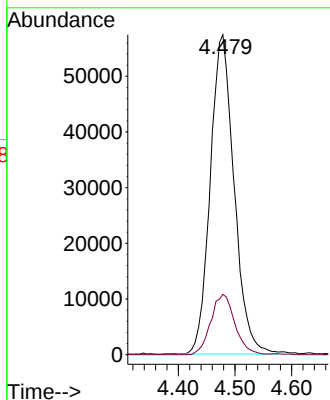
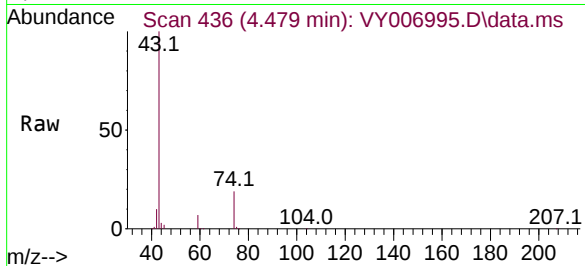




#15
Methyl Acetate
Concen: 98.780 ug/L
RT: 4.479 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

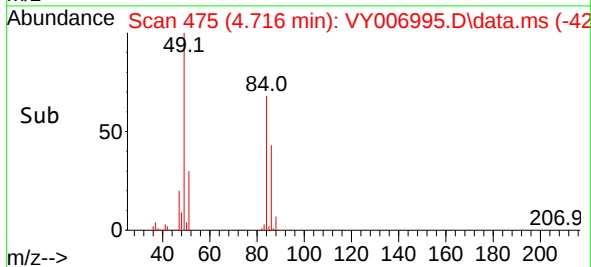
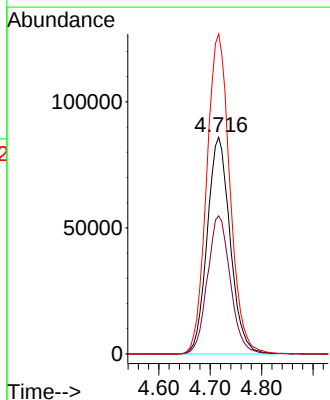
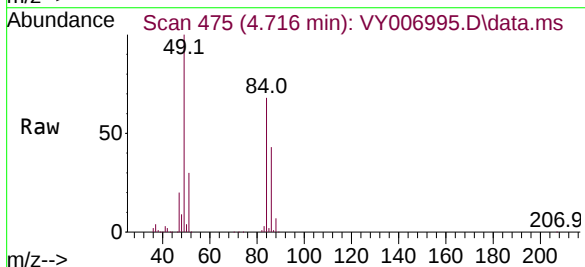
Instrument :
MSVOA_Y
ClientSampleId :

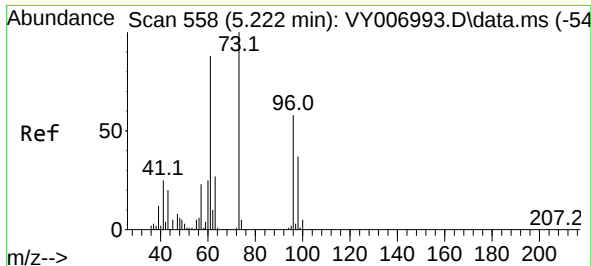
Tgt Ion: 43 Resp: 167595
Ion Ratio Lower Upper
43 100
74 19.0 5.6 8.4#



#16
Methylene chloride
Concen: 90.392 ug/L
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion: 84 Resp: 266565
Ion Ratio Lower Upper
84 100
86 63.7 43.0 79.8
49 147.6 105.3 195.6





#17

trans-1,2-Dichloroethene

Concen: 110.155 ug/L

RT: 5.222 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

ClientSampleId :

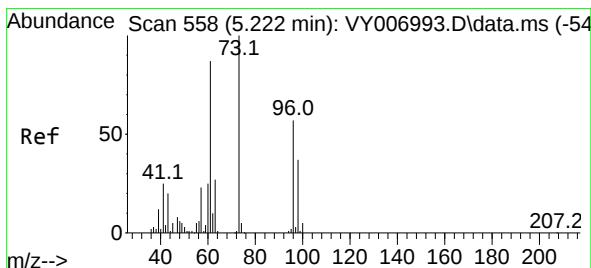
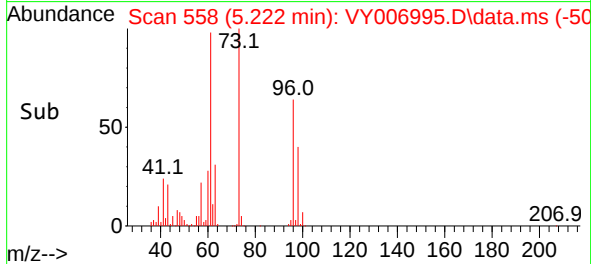
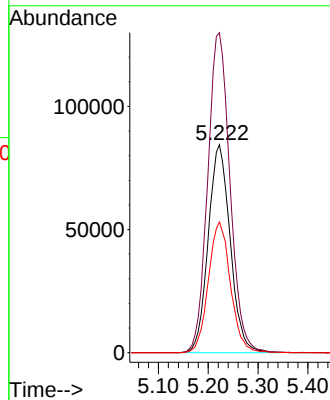
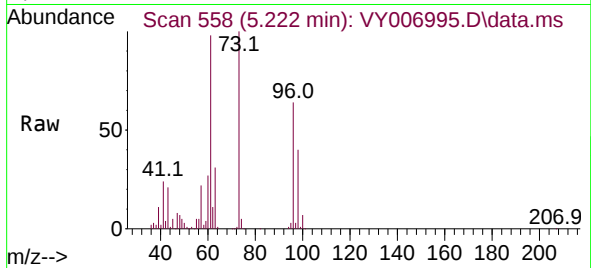
Tgt Ion: 96 Resp: 259108

Ion Ratio Lower Upper

96 100

61 153.9 106.5 197.9

98 62.9 44.7 82.9



#18

Methyl tert-butyl Ether

Concen: 107.900 ug/L

RT: 5.222 min Scan# 558

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

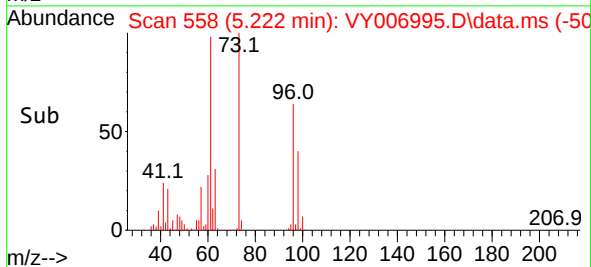
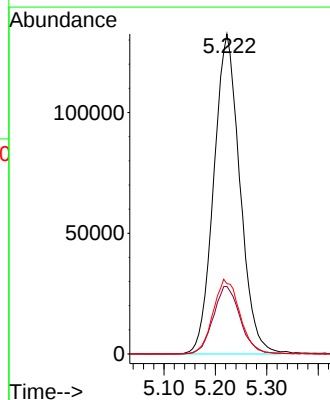
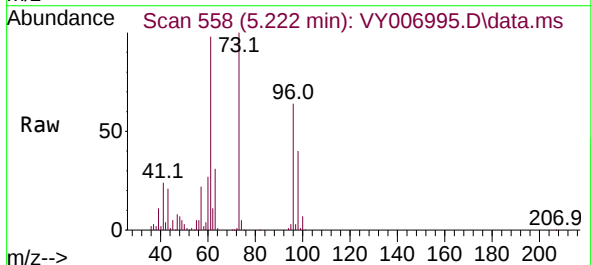
Tgt Ion: 73 Resp: 467196

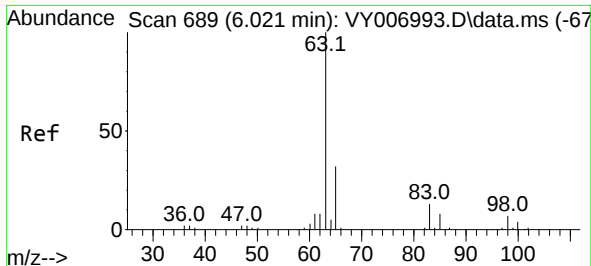
Ion Ratio Lower Upper

73 100

43 21.7 17.7 26.5

57 24.0 19.4 29.2





#19

1,1-Dichloroethane

Concen: 117.878 ug/L

RT: 6.021 min Scan# 61

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

ClientSampleId :

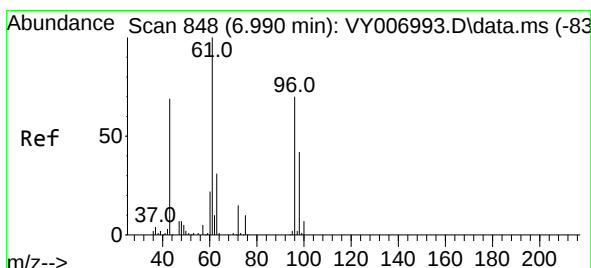
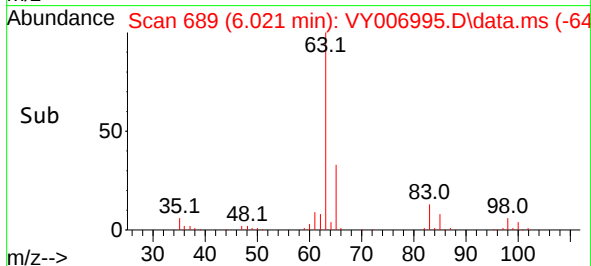
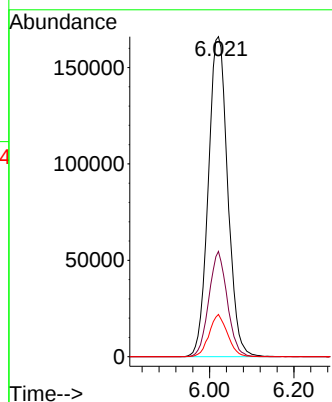
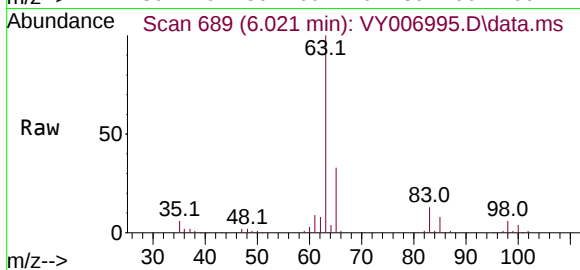
Tgt Ion: 63 Resp: 530565

Ion Ratio Lower Upper

63 100

65 32.9 22.7 42.1

83 13.2 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 112.500 ug/L

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

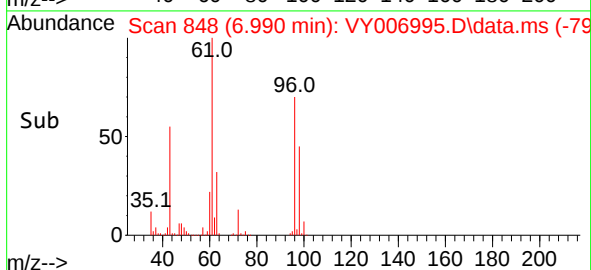
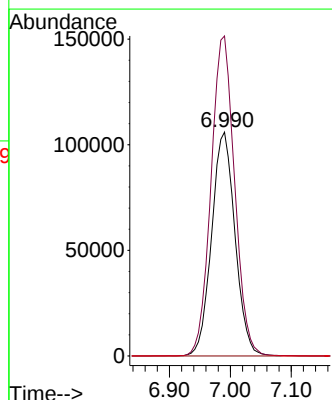
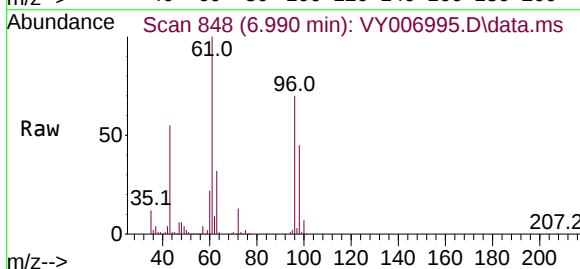
Tgt Ion: 96 Resp: 282956

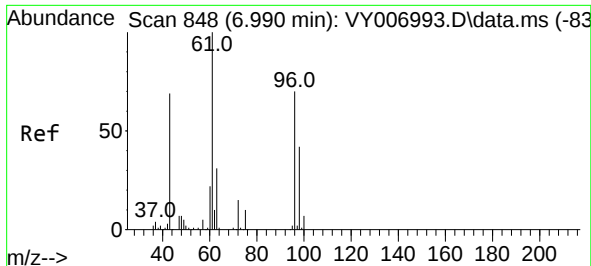
Ion Ratio Lower Upper

96 100

61 142.9 100.2 186.0

68 0.0 0.0 0.0

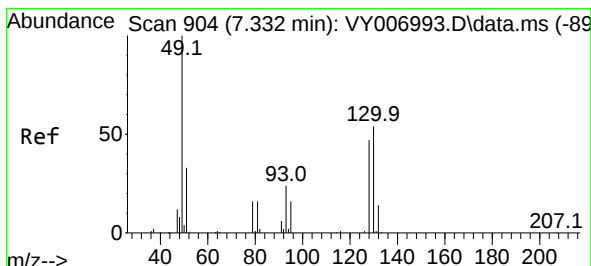
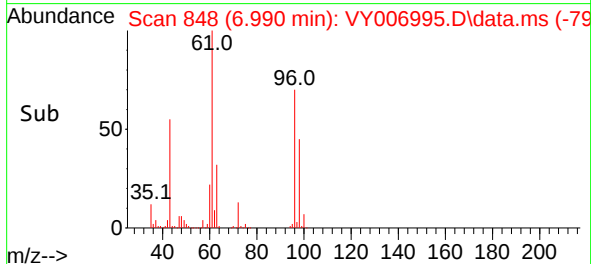
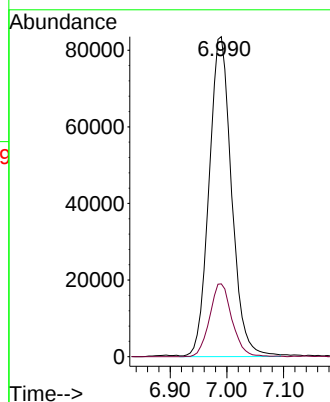
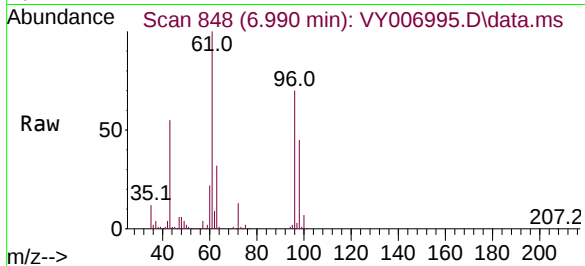




#22
2-Butanone
Concen: 208.727 ug/L
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

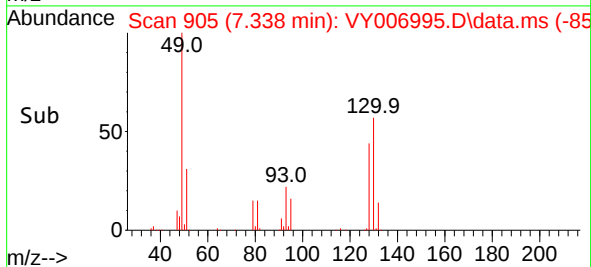
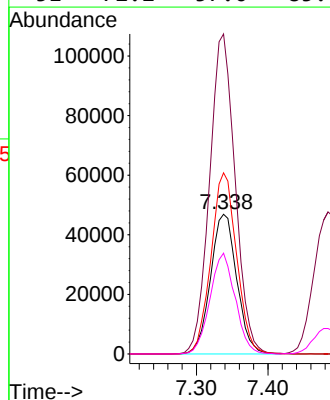
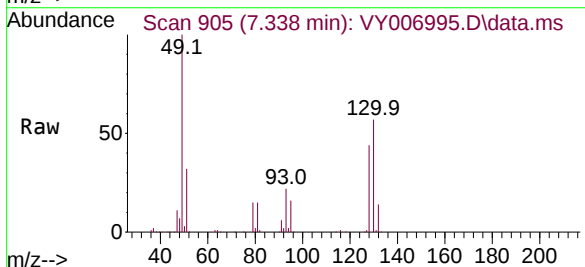
Instrument :
MSVOA_Y
ClientSampleId :

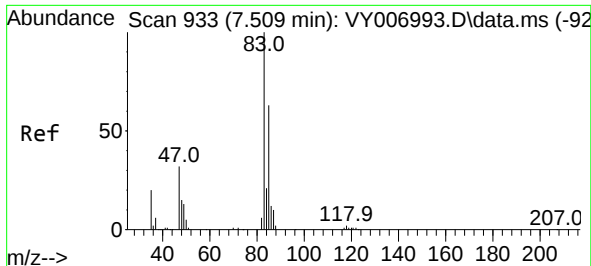
Tgt Ion: 43 Resp: 230152
Ion Ratio Lower Upper
43 100
72 22.6 11.4 34.2



#23
Bromochloromethane
Concen: 104.557 ug/L
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion:128 Resp: 119495
Ion Ratio Lower Upper
128 100
49 229.1 150.1 278.7
130 129.6 81.1 150.5
51 72.2 57.0 85.6

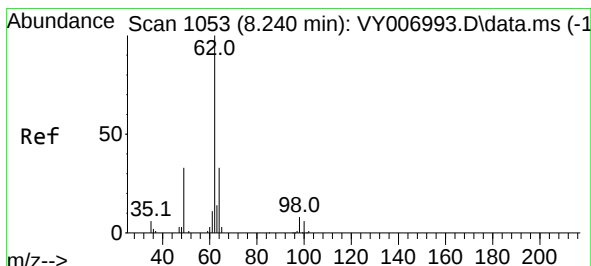
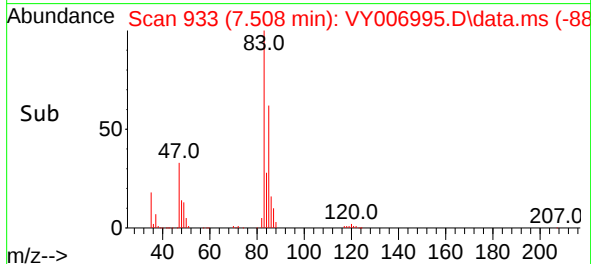
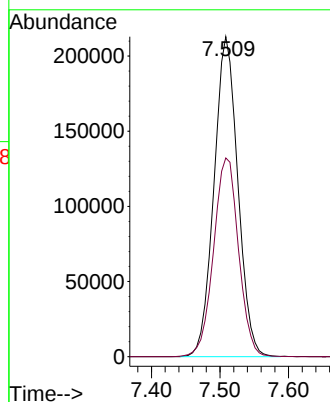
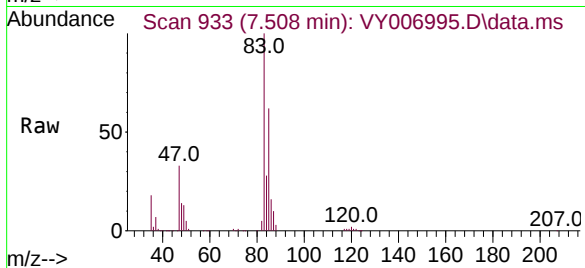




#25
Chloroform
Concen: 114.715 ug/L
RT: 7.508 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

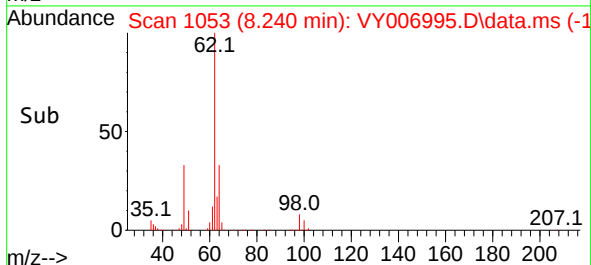
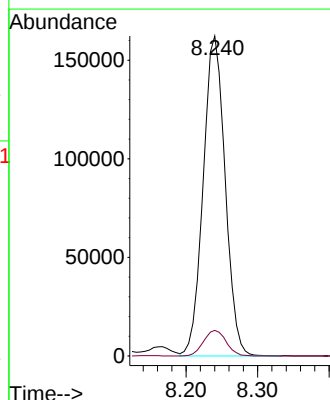
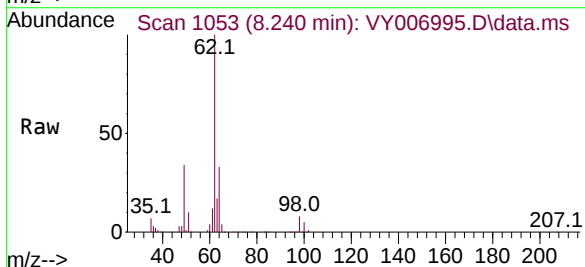
Instrument :
MSVOA_Y
ClientSampleId :

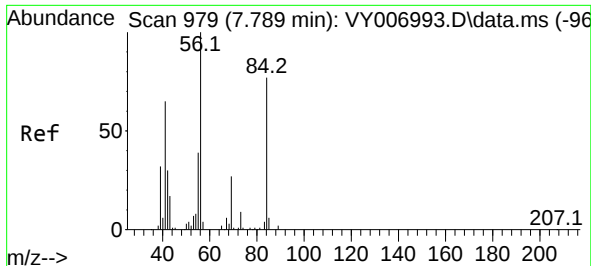
Tgt Ion: 83 Resp: 514050
Ion Ratio Lower Upper
83 100
85 62.1 43.9 81.5



#27
1,2-Dichloroethane
Concen: 106.528 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion: 62 Resp: 346601
Ion Ratio Lower Upper
62 100
98 8.0 6.6 9.8





#29

Cyclohexane

Concen: 117.518 ug/L

RT: 7.789 min Scan# 91

Delta R.T. -0.000 min

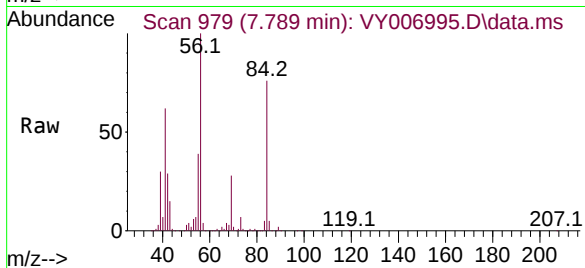
Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

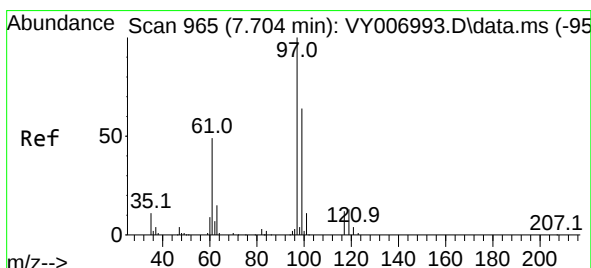
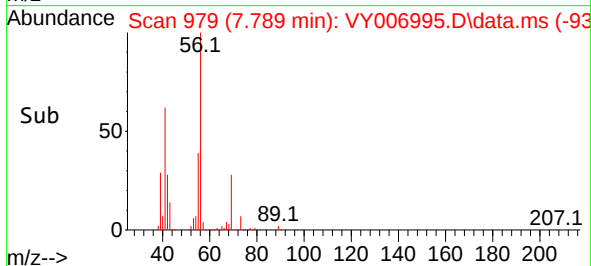
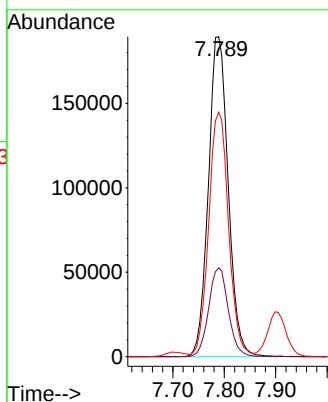
MSVOA_Y

ClientSampleId :



Tgt Ion: 56 Resp: 507753

Ion	Ratio	Lower	Upper
56	100		
69	27.5	22.0	33.0
84	76.5	61.7	92.5



#30

1,1,1-Trichloroethane

Concen: 106.496 ug/L

RT: 7.704 min Scan# 965

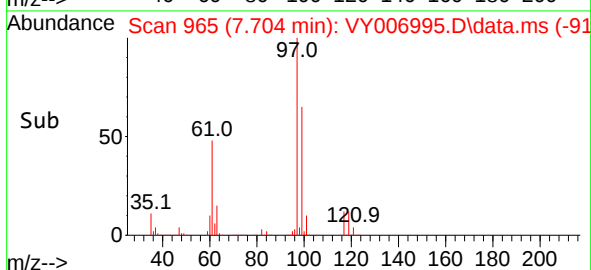
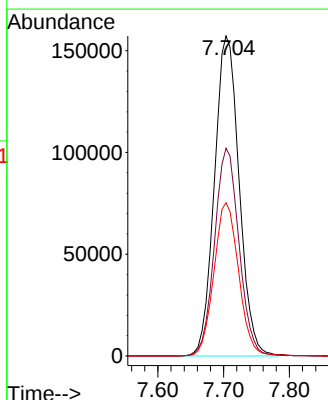
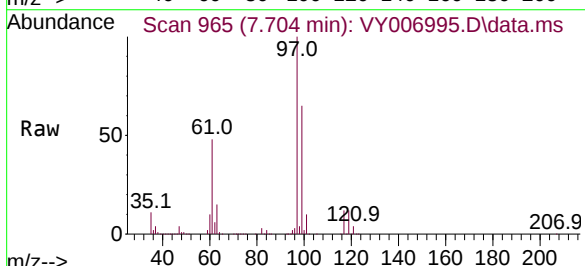
Delta R.T. -0.000 min

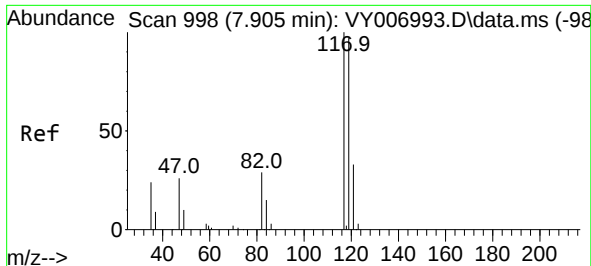
Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Tgt Ion: 97 Resp: 411415

Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.7	76.1
61	48.0	38.5	57.7

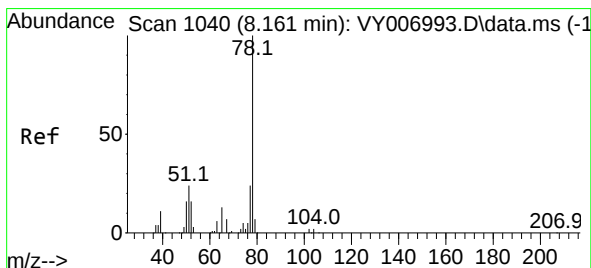
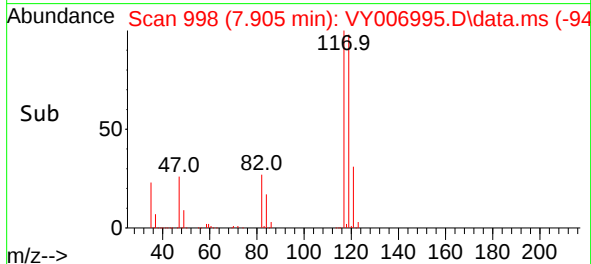
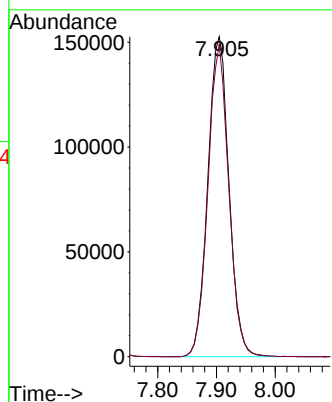
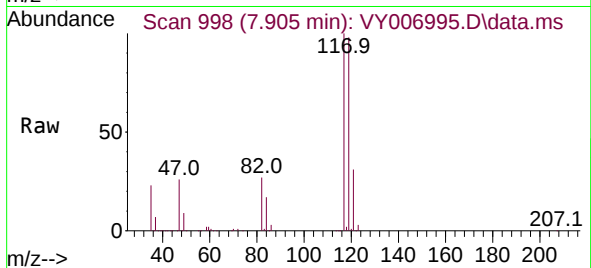




#31
Carbon tetrachloride
Concen: 105.047 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

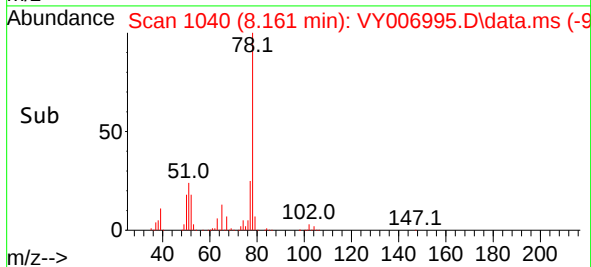
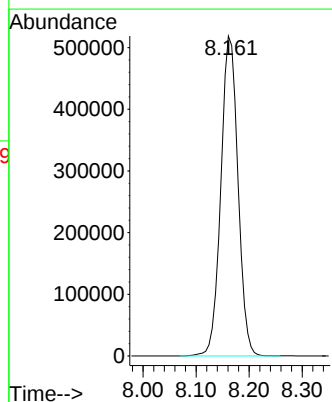
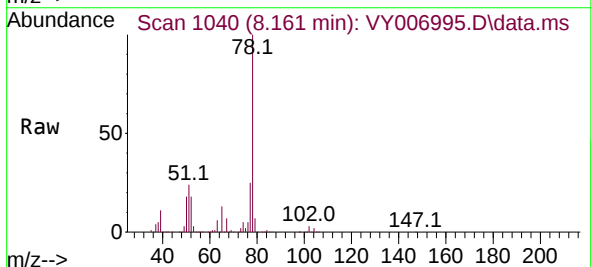
Instrument :
MSVOA_Y
ClientSampleId :

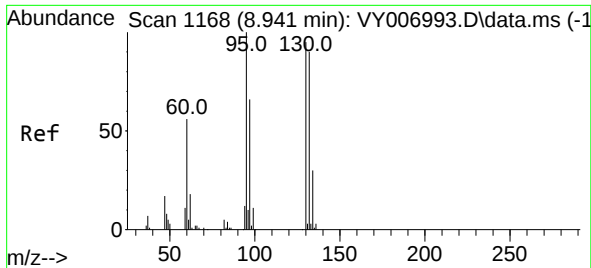
Tgt Ion:117 Resp: 382216
Ion Ratio Lower Upper
117 100
119 95.8 76.4 114.6



#33
Benzene
Concen: 112.780 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

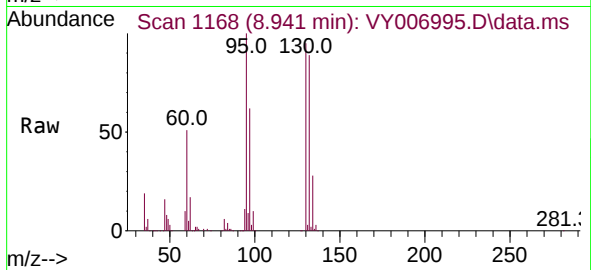
Tgt Ion: 78 Resp: 1163624





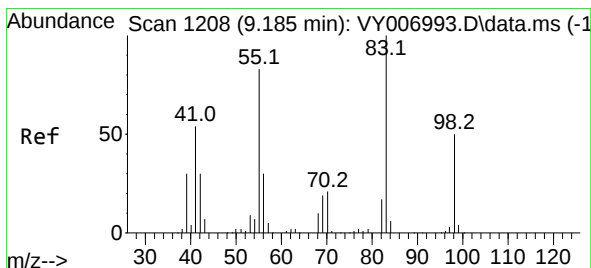
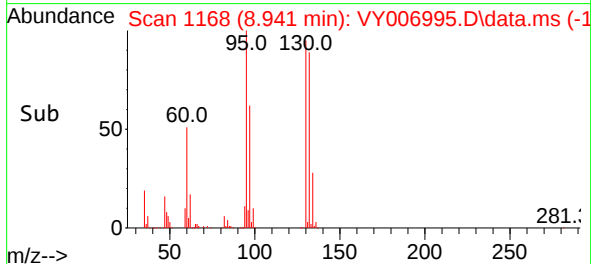
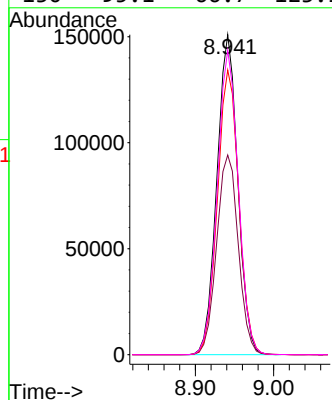
#34
 Trichloroethene
 Concen: 110.994 ug/L
 RT: 8.941 min Scan# 1168
 Delta R.T. -0.000 min
 Lab File: VY006995.D
 Acq: 07 Dec 2021 13:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 95 Resp: 279946

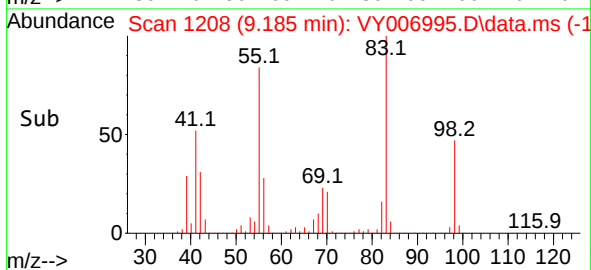
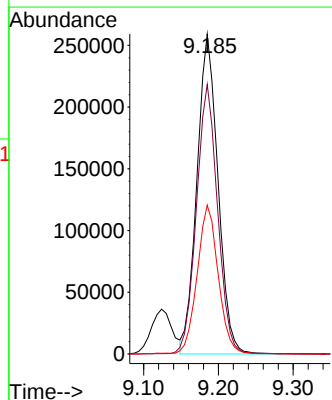
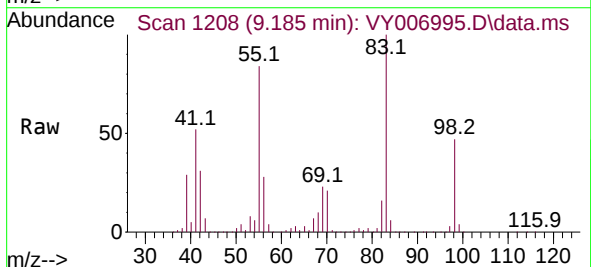
Ion	Ratio	Lower	Upper
95	100		
97	62.4	46.4	86.2
132	88.9	63.0	117.0
130	95.1	66.7	123.9

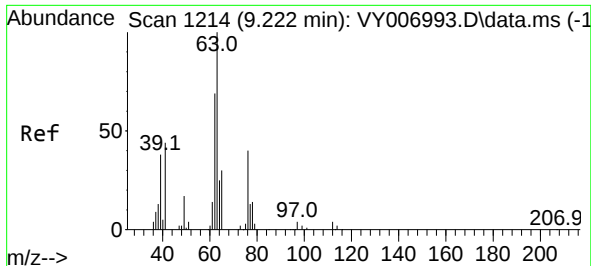


#35
 Methylcyclohexane
 Concen: 112.639 ug/L
 RT: 9.185 min Scan# 1208
 Delta R.T. -0.000 min
 Lab File: VY006995.D
 Acq: 07 Dec 2021 13:35

Tgt Ion: 83 Resp: 506992

Ion	Ratio	Lower	Upper
83	100		
55	84.5	68.9	103.3
98	46.5	37.8	56.8





#37

1,2-Dichloropropane

Concen: 115.635 ug/L

RT: 9.216 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

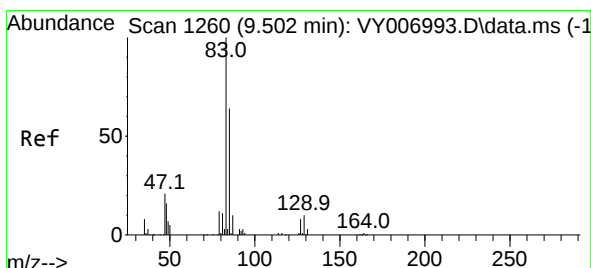
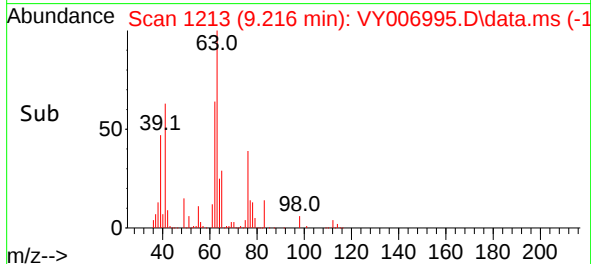
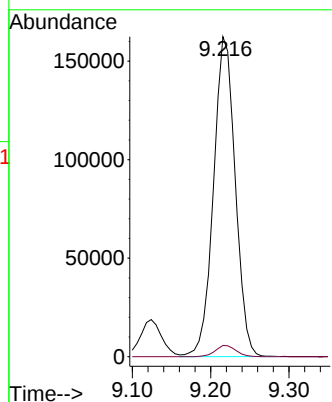
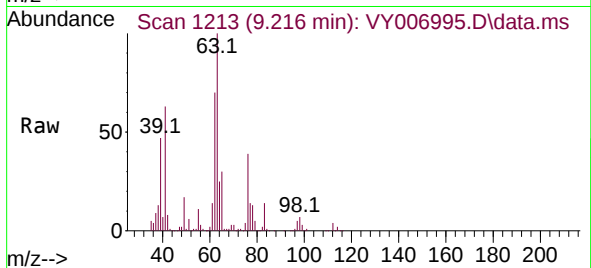
ClientSampleId :

Tgt Ion: 63 Resp: 313450

Ion Ratio Lower Upper

63 100

112 3.3 2.8 4.2



#38

Bromodichloromethane

Concen: 110.740 ug/L

RT: 9.496 min Scan# 1259

Delta R.T. -0.006 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

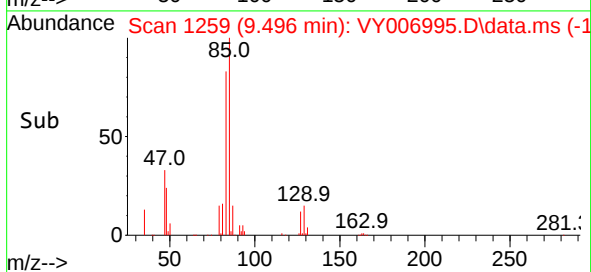
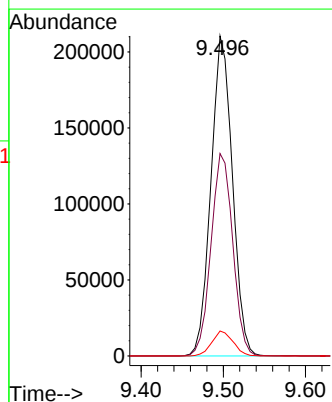
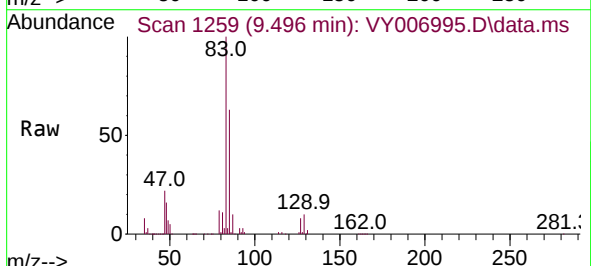
Tgt Ion: 83 Resp: 382174

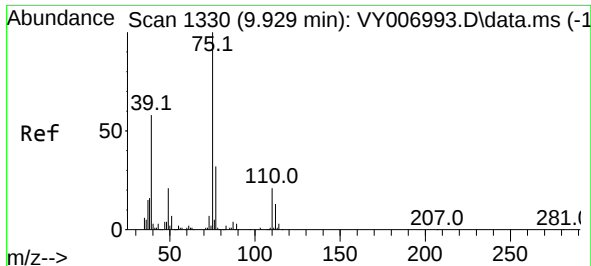
Ion Ratio Lower Upper

83 100

85 63.3 44.7 82.9

127 7.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 116.337 ug/L

RT: 9.929 min Scan# 1330

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

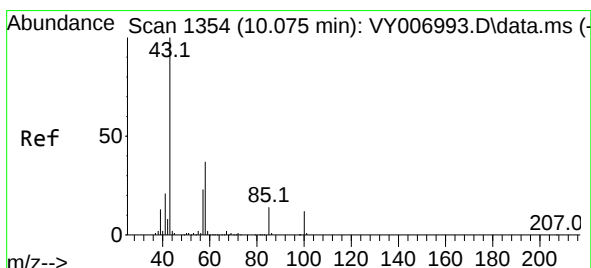
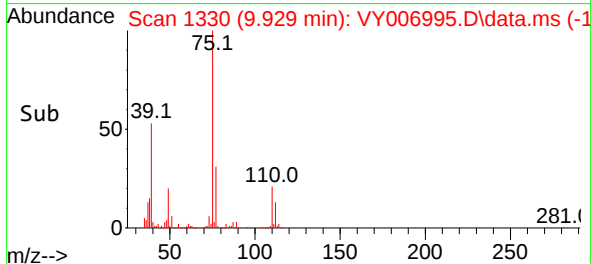
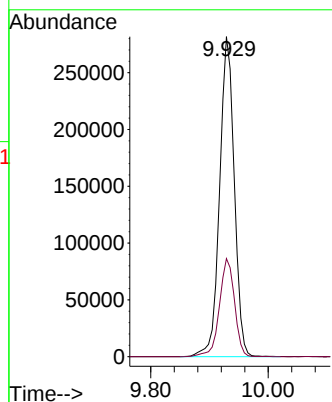
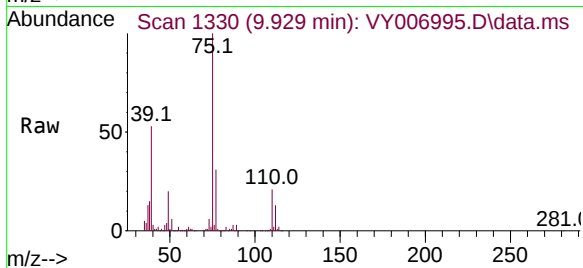
ClientSampleId :

Tgt Ion: 75 Resp: 487206

Ion Ratio Lower Upper

75 100

77 30.6 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 211.296 ug/L

RT: 10.069 min Scan# 1353

Delta R.T. -0.006 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

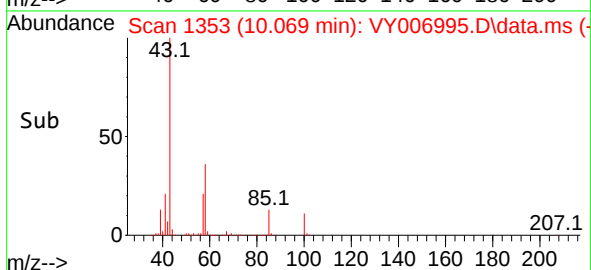
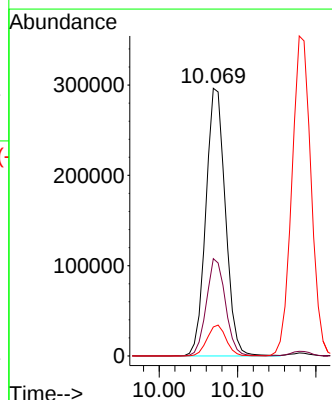
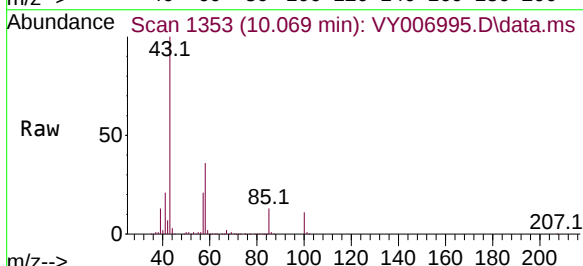
Tgt Ion: 43 Resp: 513701

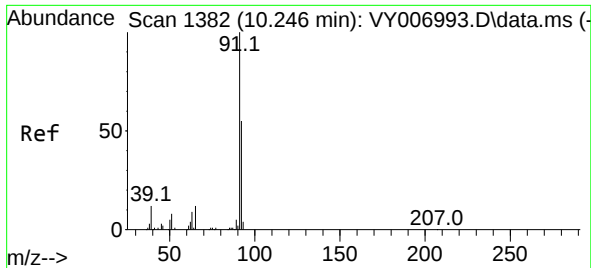
Ion Ratio Lower Upper

43 100

58 35.6 28.6 42.8

100 11.3 9.2 13.8

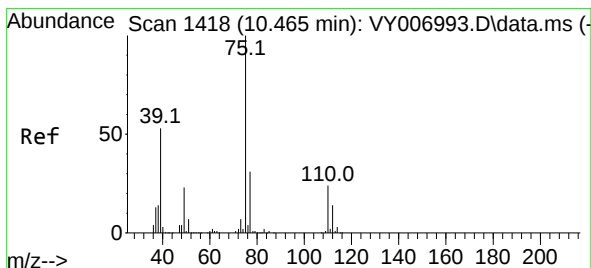
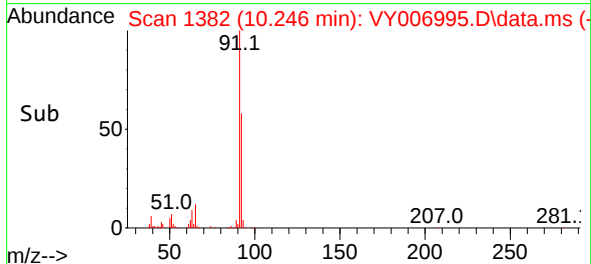
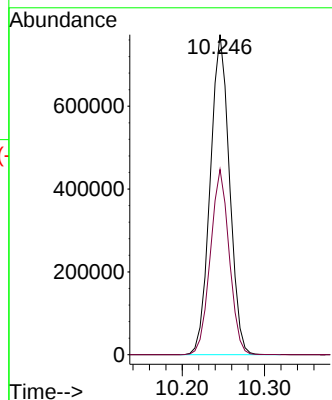
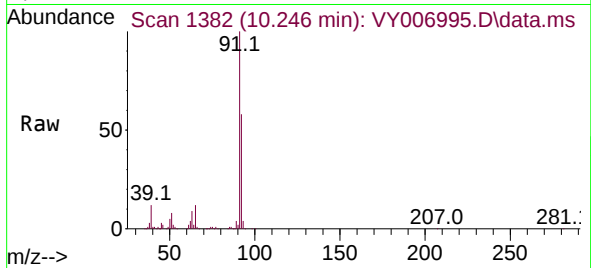




#42
Toluene
Concen: 114.726 ug/L
RT: 10.246 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

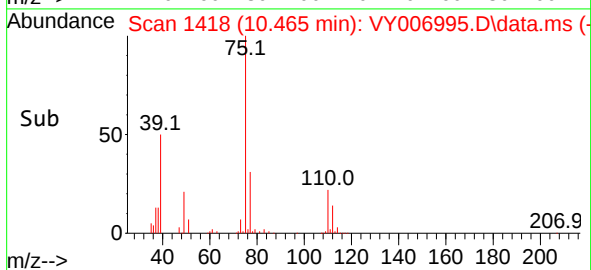
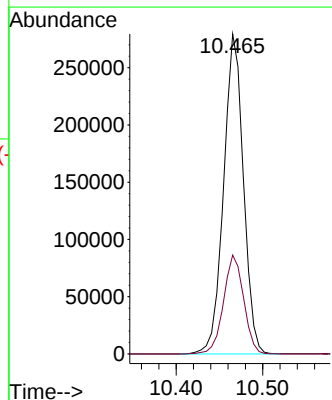
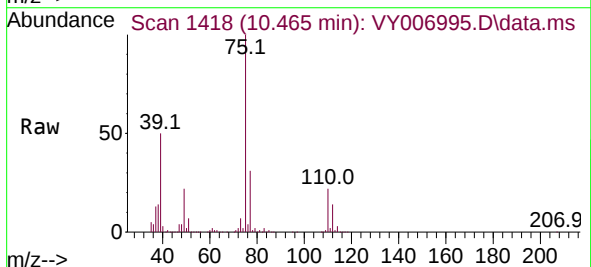
Instrument :
MSVOA_Y
ClientSampleId :

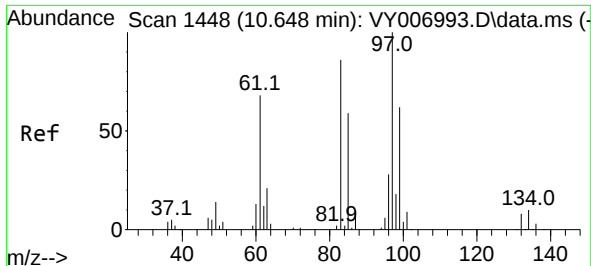
Tgt Ion: 91 Resp: 1256483
Ion Ratio Lower Upper
91 100
92 57.9 38.2 71.0



#44
trans-1,3-Dichloropropene
Concen: 112.978 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

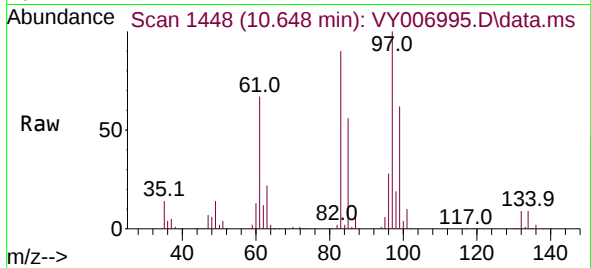
Tgt Ion: 75 Resp: 443242
Ion Ratio Lower Upper
75 100
77 30.9 21.8 40.6





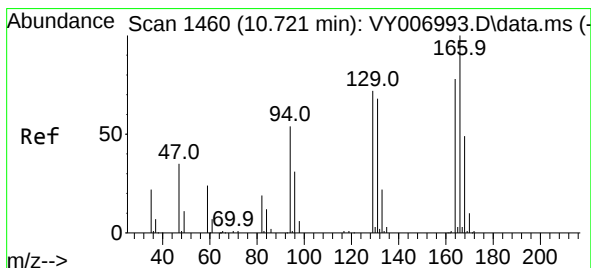
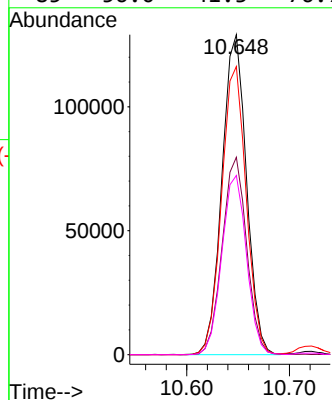
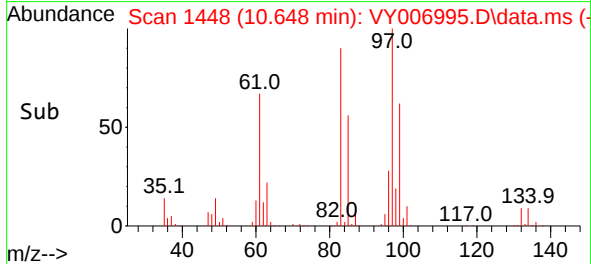
#45
1,1,2-Trichloroethane
Concen: 108.302 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :

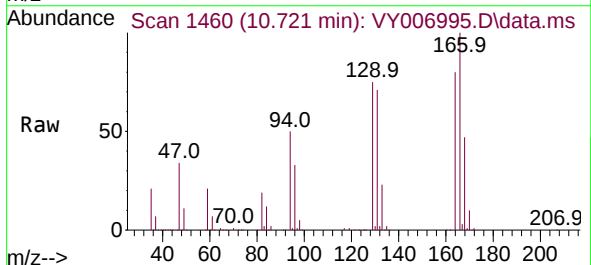


Tgt Ion: 97 Resp: 214000

Ion	Ratio	Lower	Upper
97	100		
99	61.7	43.4	80.6
83	90.1	59.8	111.1
85	56.0	41.3	76.7

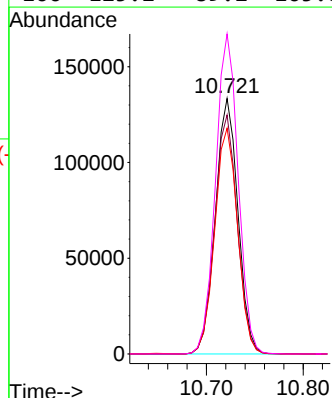
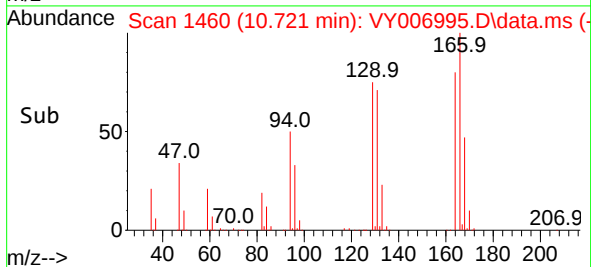


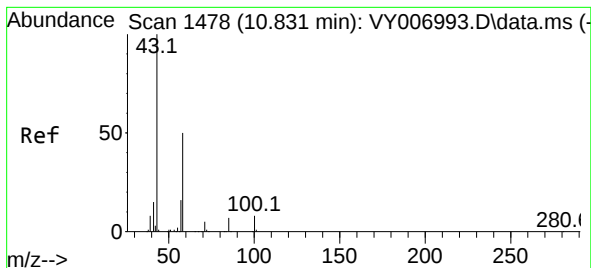
#46
Tetrachloroethene
Concen: 105.222 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35



Tgt Ion: 164 Resp: 216383

Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.0	118.8
131	88.3	60.5	112.5
166	125.2	89.2	165.8

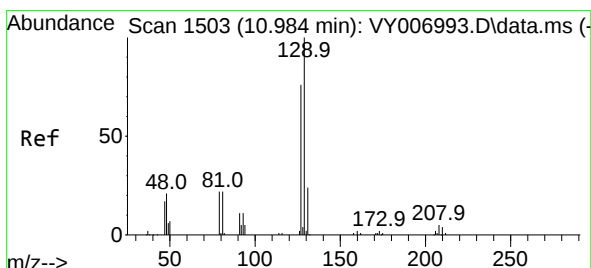
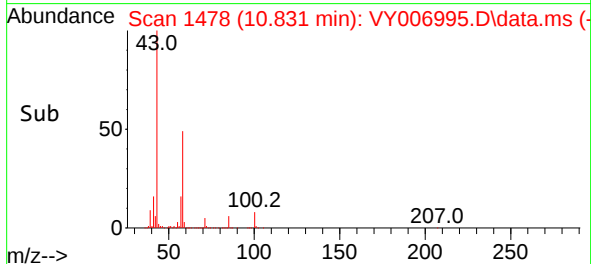
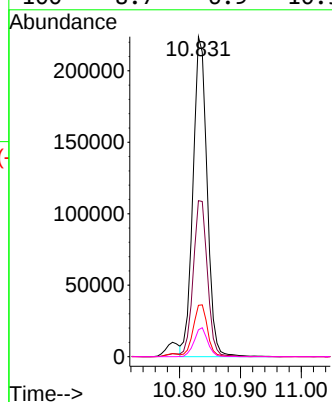
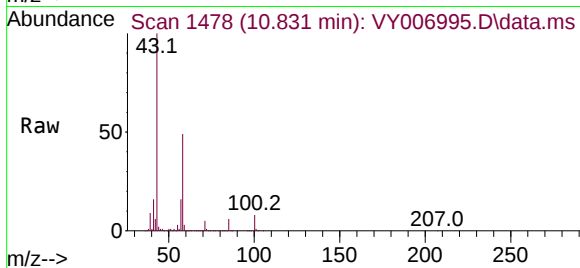




#48
2-Hexanone
Concen: 220.567 ug/L
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

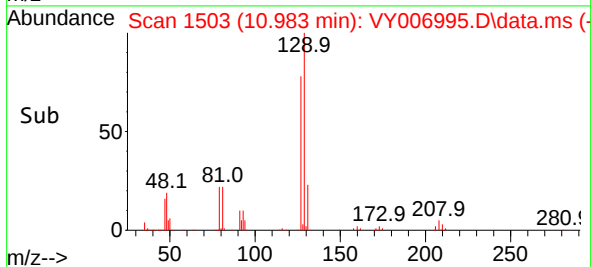
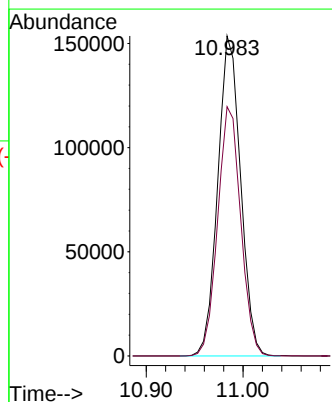
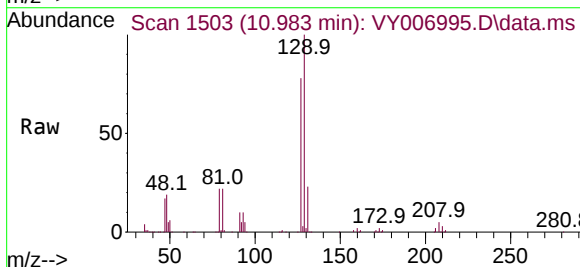
Instrument :
MSVOA_Y
ClientSampleId :

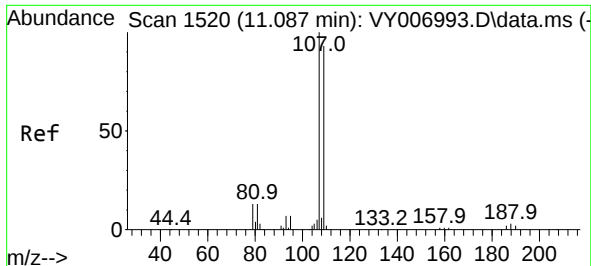
Tgt Ion: 43 Resp: 359458
Ion Ratio Lower Upper
43 100
58 49.0 40.1 60.1
57 16.2 13.0 19.6
100 8.7 6.9 10.3



#49
Dibromochloromethane
Concen: 106.135 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion: 129 Resp: 251372
Ion Ratio Lower Upper
129 100
127 77.9 52.8 98.2

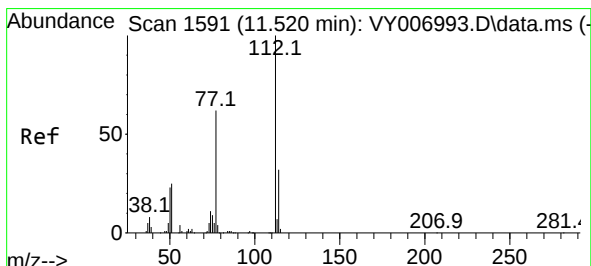
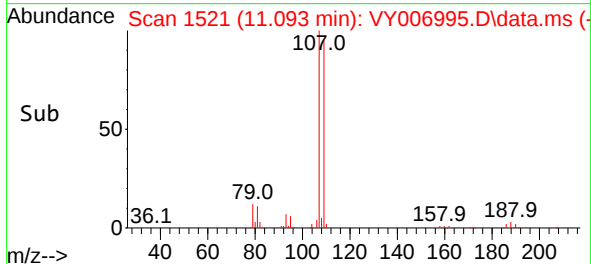
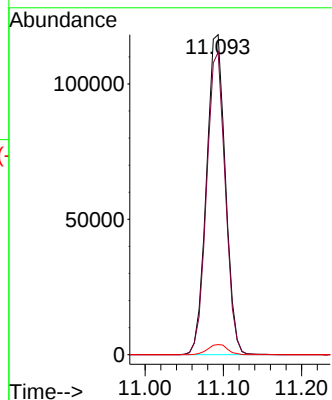
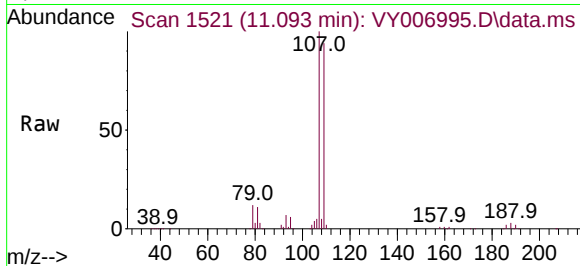




#50
1,2-Dibromoethane
Concen: 105.797 ug/L
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

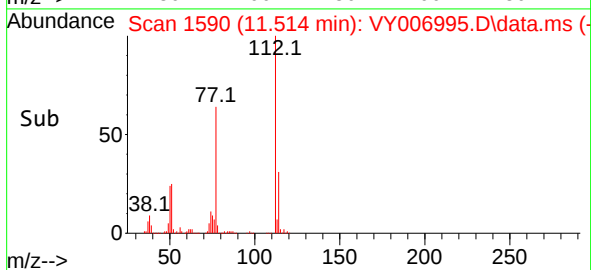
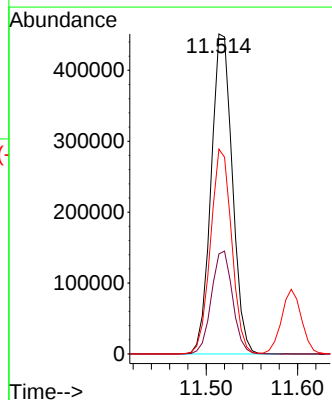
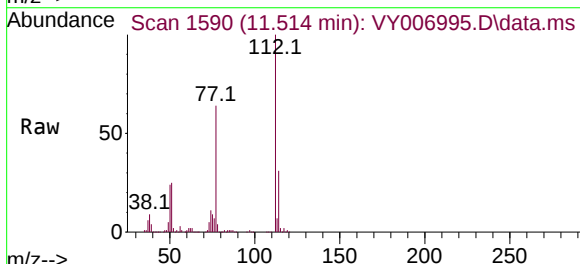
Instrument :
MSVOA_Y
ClientSampleId :

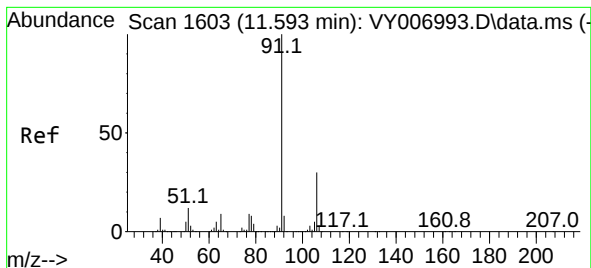
Tgt Ion:107 Resp: 198323
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.7
188 3.2 2.6 3.8



#51
Chlorobenzene
Concen: 110.240 ug/L
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion:112 Resp: 729904
Ion Ratio Lower Upper
112 100
114 31.3 22.3 41.3
77 64.0 49.8 74.8

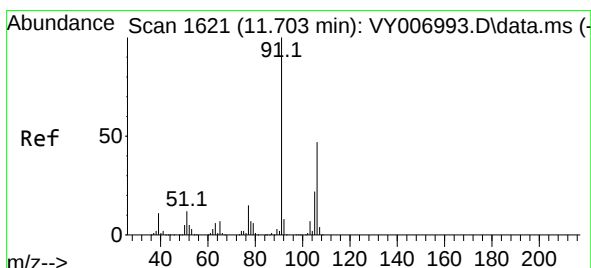
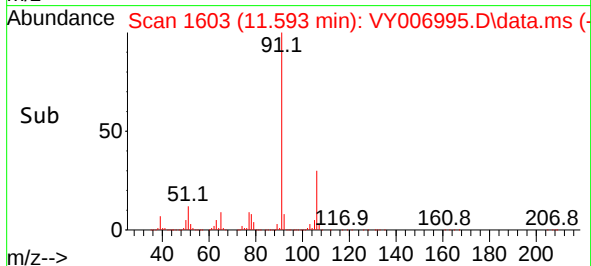
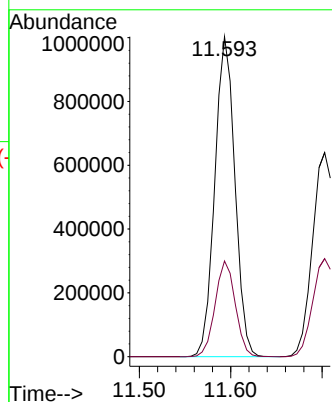
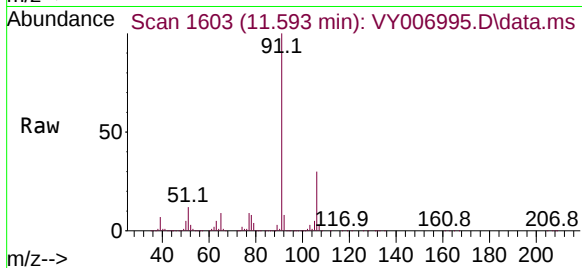




#52
Ethylbenzene
Concen: 130.562 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

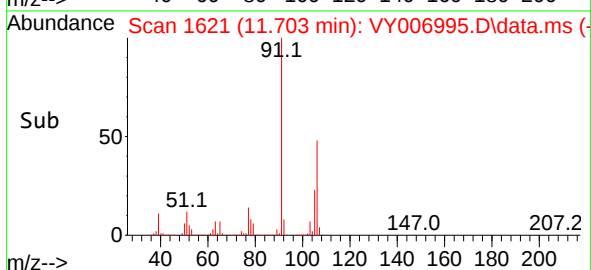
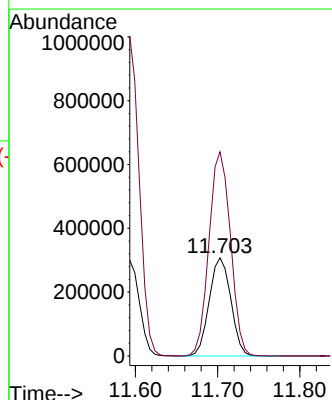
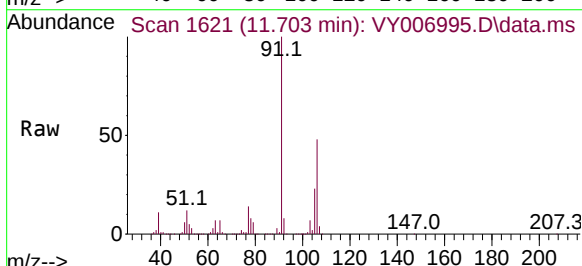
Instrument :
MSVOA_Y
ClientSampleId :

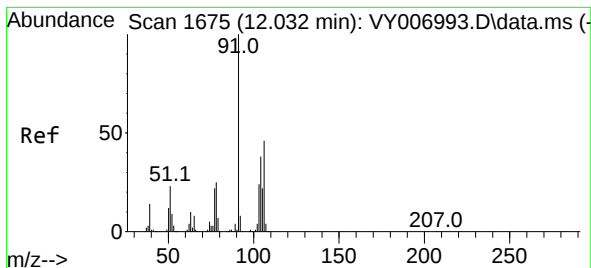
Tgt Ion: 91 Resp: 1532759
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.6



#53
m,p-Xylene
Concen: 126.182 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion:106 Resp: 560061
Ion Ratio Lower Upper
106 100
91 208.1 148.8 276.4

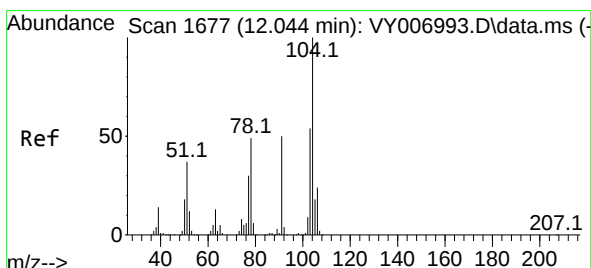
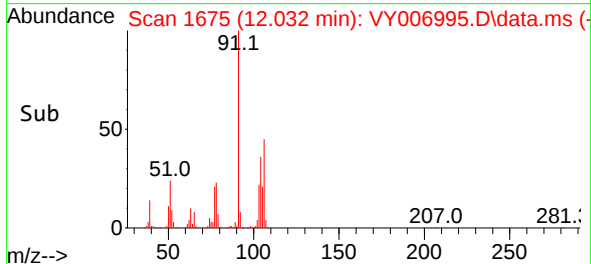
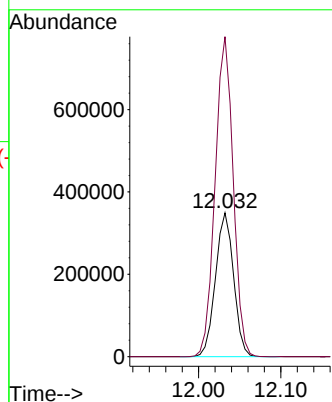
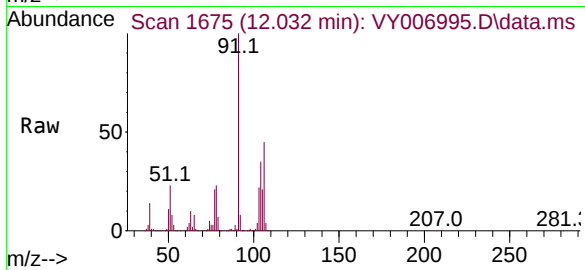




#54
o-Xylene
Concen: 128.219 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

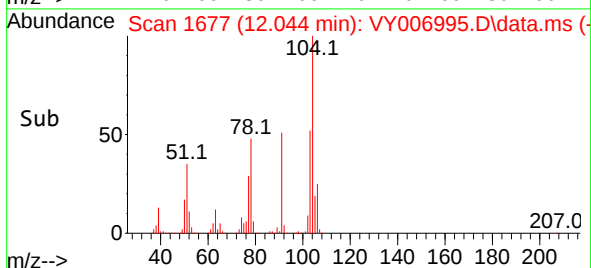
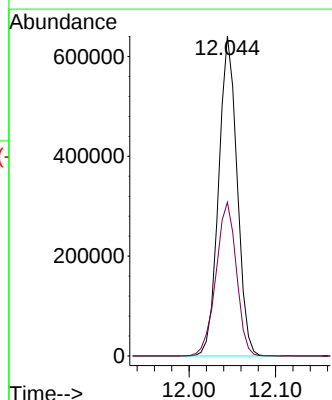
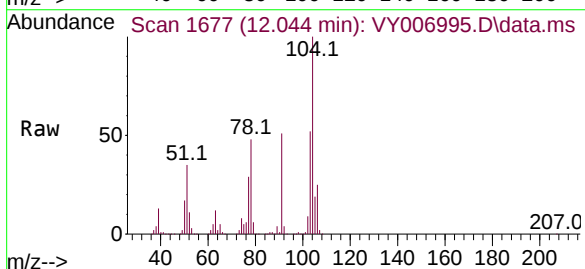
Instrument :
MSVOA_Y
ClientSampleId :

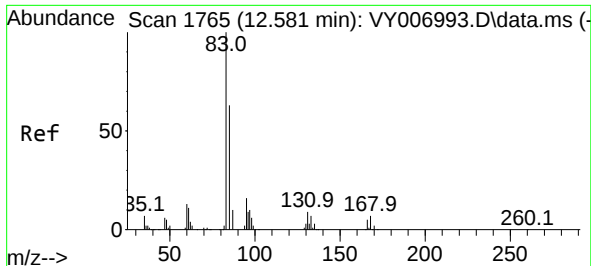
Tgt Ion:106 Resp: 535489
Ion Ratio Lower Upper
106 100
91 222.4 152.0 282.2



#55
Styrene
Concen: 129.976 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion:104 Resp: 948635
Ion Ratio Lower Upper
104 100
78 48.1 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 118.305 ug/L

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

ClientSampleId :

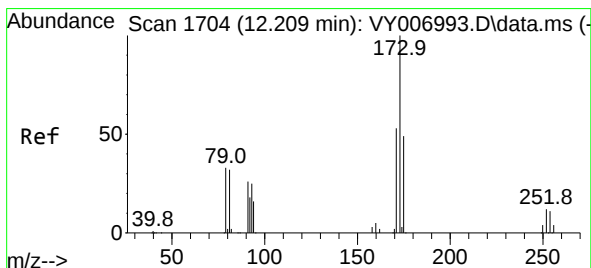
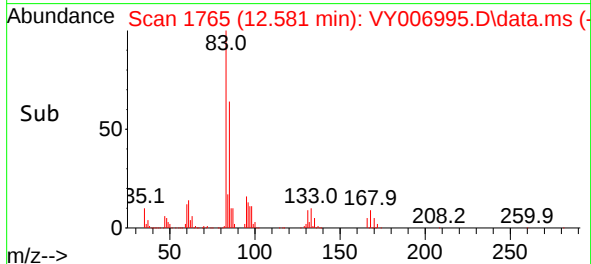
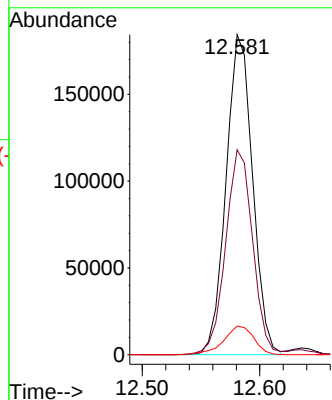
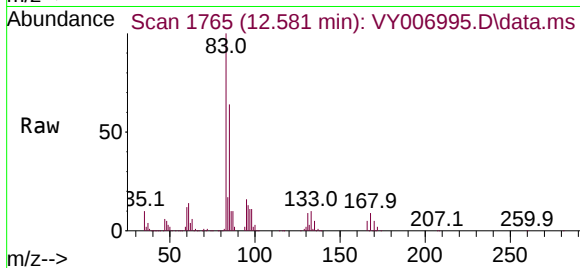
Tgt Ion: 83 Resp: 289317

Ion Ratio Lower Upper

83 100

85 64.0 44.2 82.2

131 9.0 7.4 11.0



#59

Bromoform

Concen: 114.088 ug/L

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

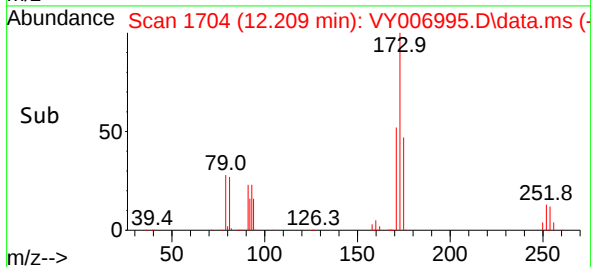
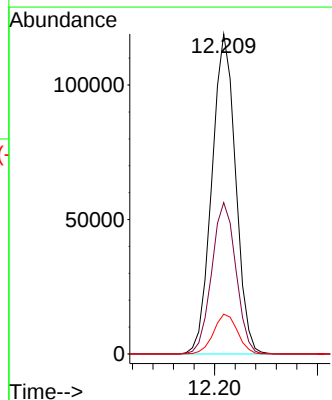
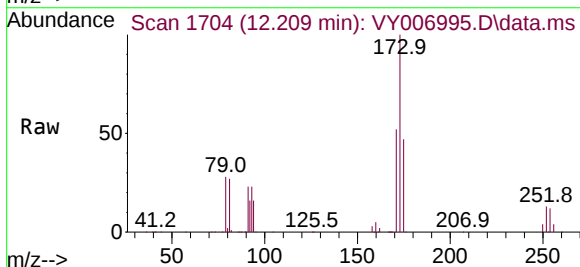
Tgt Ion: 173 Resp: 190481

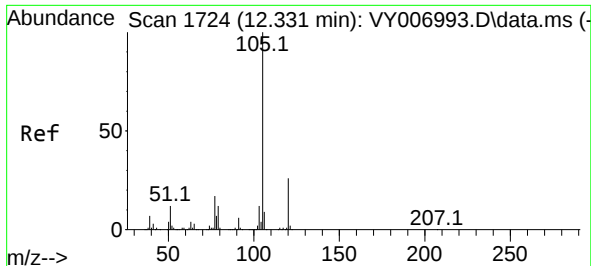
Ion Ratio Lower Upper

173 100

175 48.3 39.2 58.8

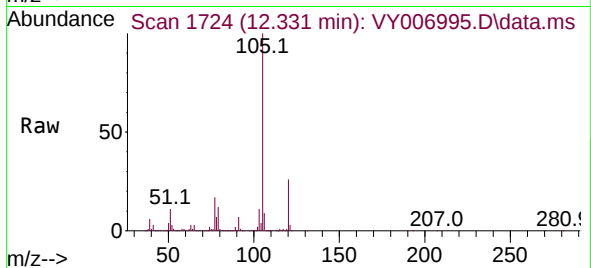
254 12.6 9.3 13.9



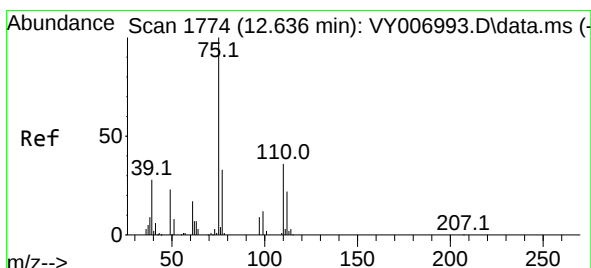
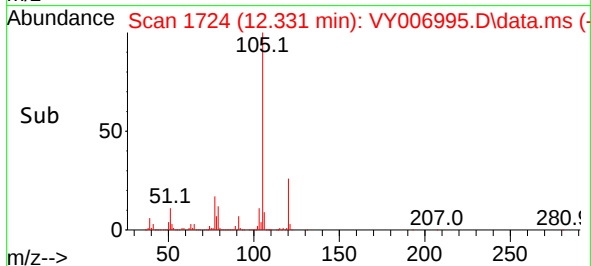
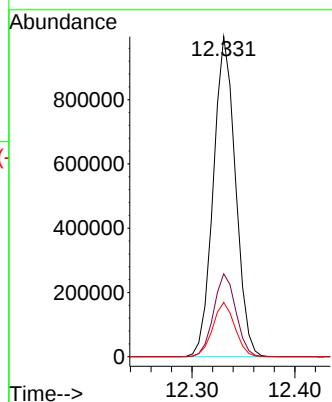


#60
Isopropylbenzene
Concen: 124.035 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Instrument :
MSVOA_Y
ClientSampleId :

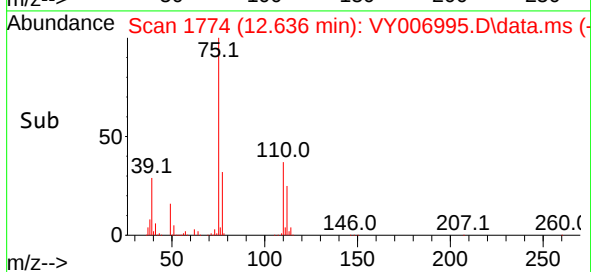
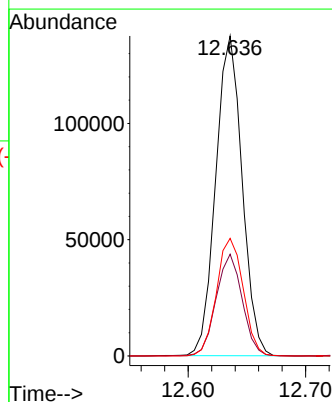
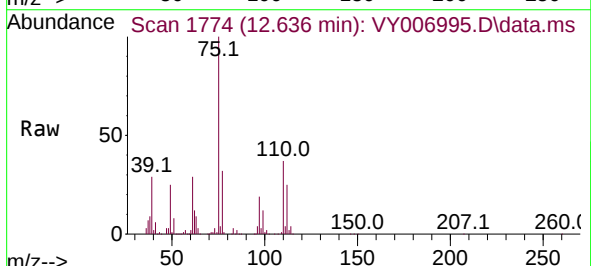


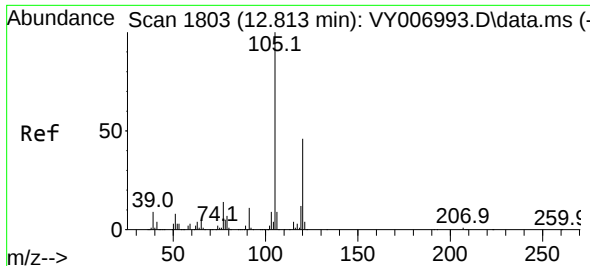
Tgt Ion:105 Resp: 1491099
Ion Ratio Lower Upper
105 100
120 26.0 20.7 31.1
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 103.521 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion: 75 Resp: 214582
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
110 37.2 28.7 43.1





#62

1,3,5-Trimethylbenzene

Concen: 121.139 ug/L

RT: 12.812 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

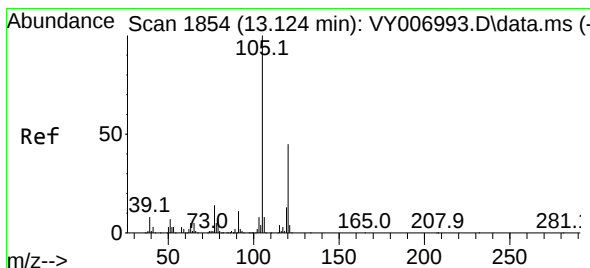
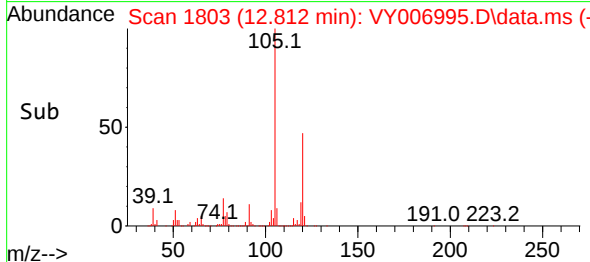
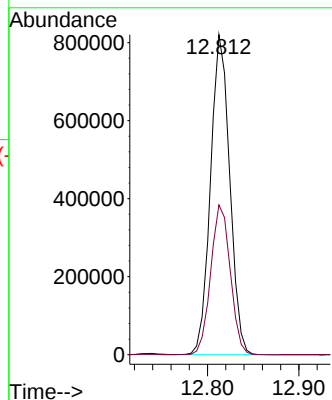
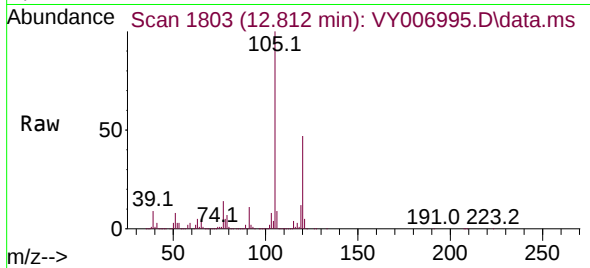
ClientSampleId :

Tgt Ion:105 Resp: 1194920

Ion Ratio Lower Upper

105 100

120 47.5 37.4 56.0



#63

1,2,4-Trimethylbenzene

Concen: 127.167 ug/L

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY006995.D

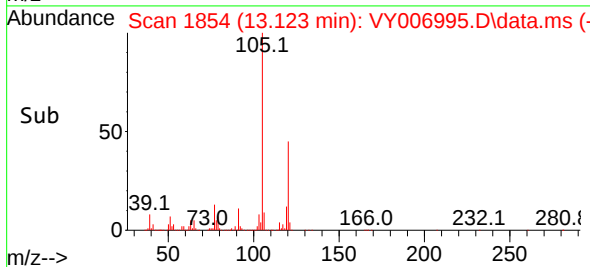
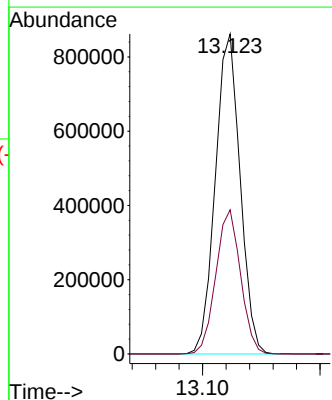
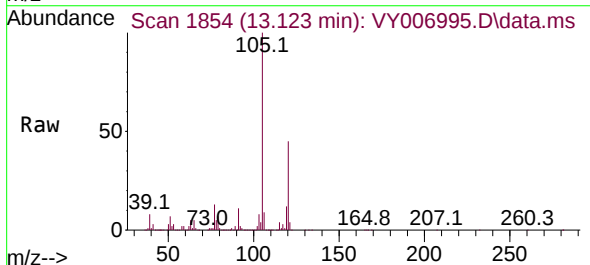
Acq: 07 Dec 2021 13:35

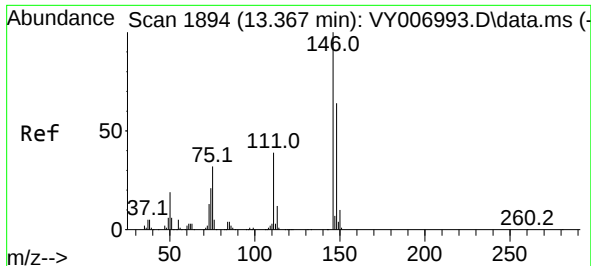
Tgt Ion:105 Resp: 1261760

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.2

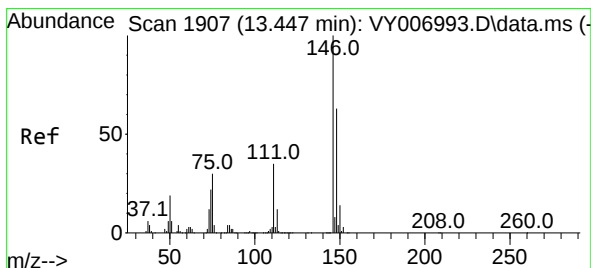
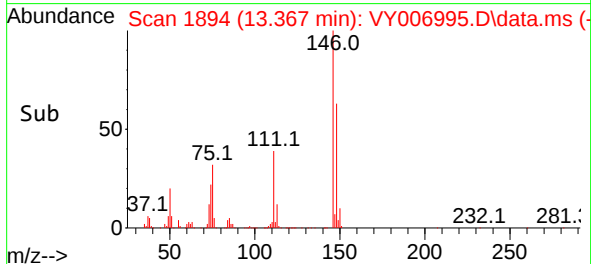
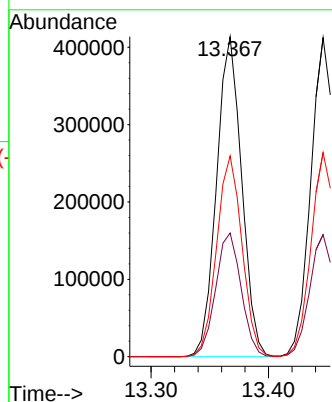
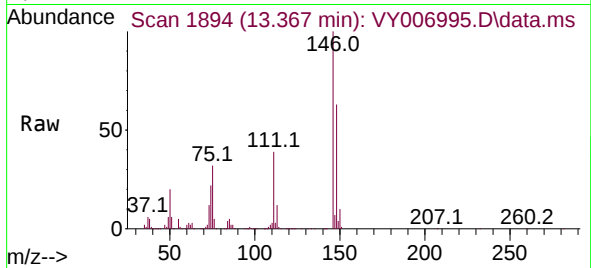




#64
1,3-Dichlorobenzene
Concen: 109.457 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

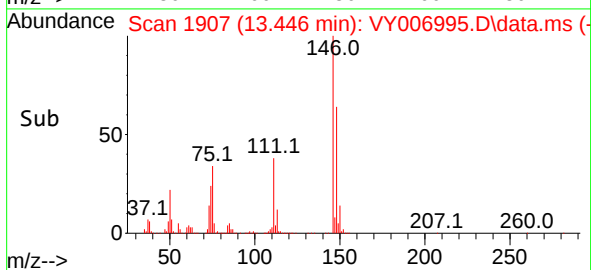
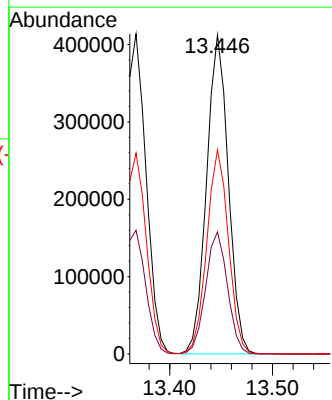
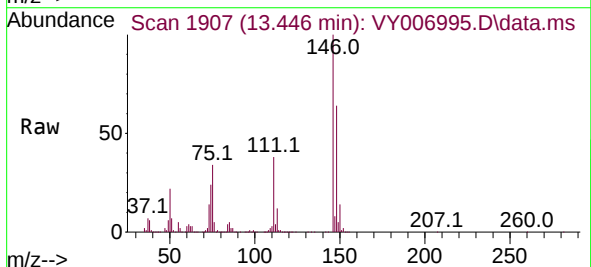
Instrument :
MSVOA_Y
ClientSampleId :

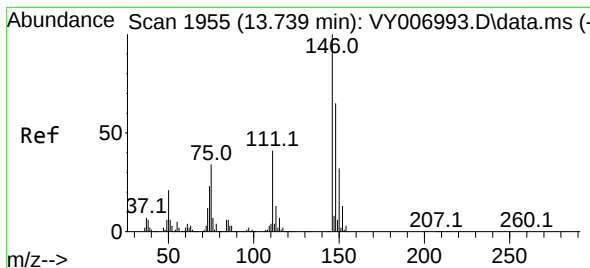
Tgt Ion:146 Resp: 615295
Ion Ratio Lower Upper
146 100
111 38.7 27.2 50.6
148 62.8 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 106.019 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY006995.D
Acq: 07 Dec 2021 13:35

Tgt Ion:146 Resp: 607215
Ion Ratio Lower Upper
146 100
111 38.3 24.6 45.6
148 64.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 109.188 ug/L

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

ClientSampleId :

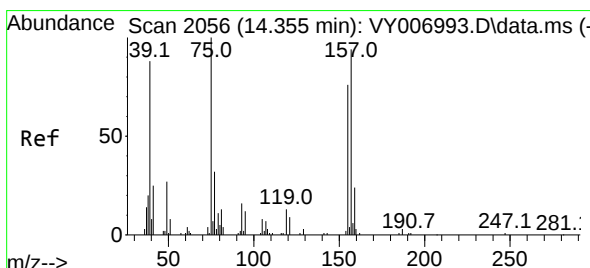
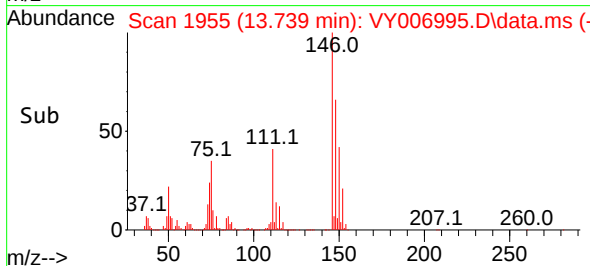
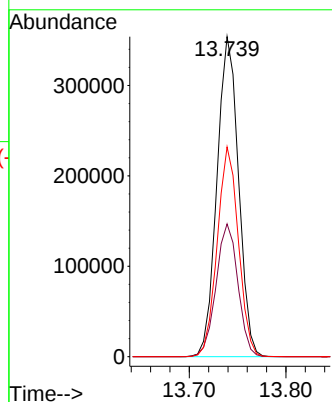
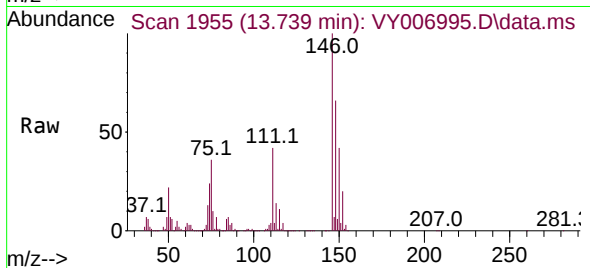
Tgt Ion:146 Resp: 547313

Ion Ratio Lower Upper

146 100

111 41.5 32.8 49.2

148 65.5 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 103.526 ug/L

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

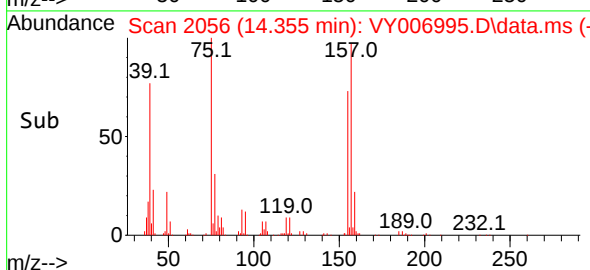
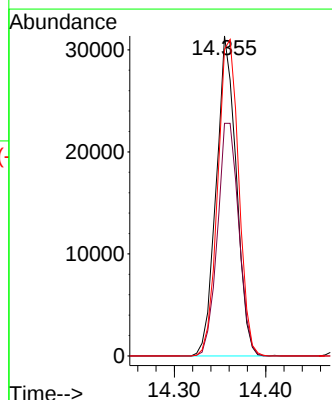
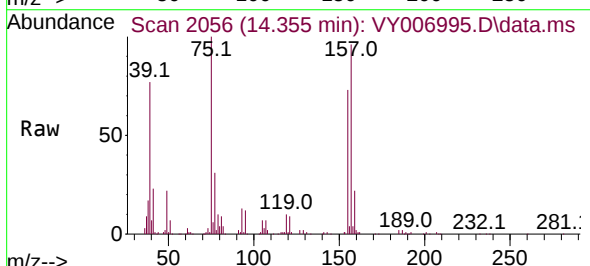
Tgt Ion: 75 Resp: 47725

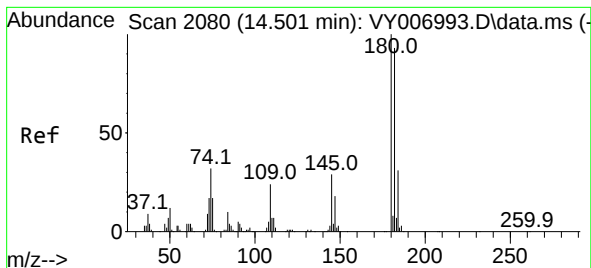
Ion Ratio Lower Upper

75 100

155 72.7 61.0 91.6

157 95.9 75.4 113.2





#69

1,3,5-Trichlorobenzene

Concen: 113.521 ug/L

RT: 14.501 min Scan# 2080

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180 Resp: 425741

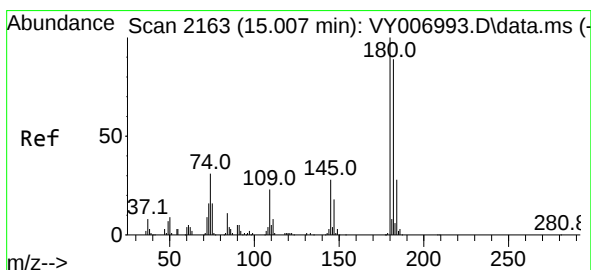
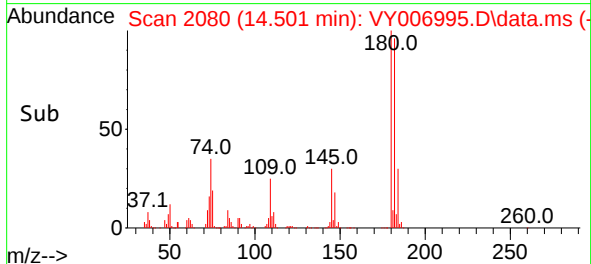
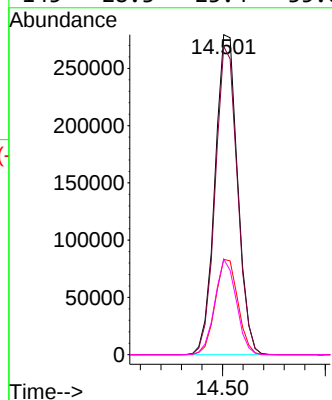
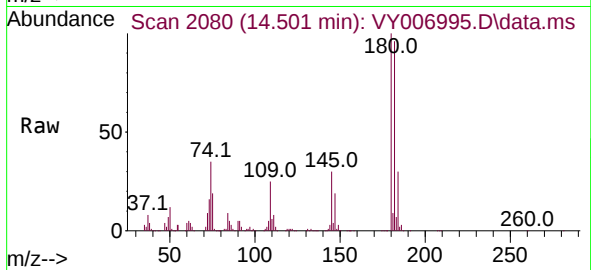
Ion Ratio Lower Upper

180 100

182 94.5 75.5 113.3

184 29.8 24.1 36.1

145 28.3 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 119.129 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

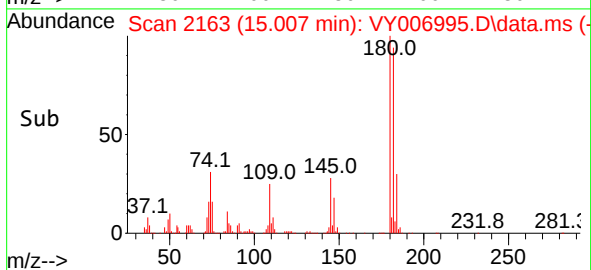
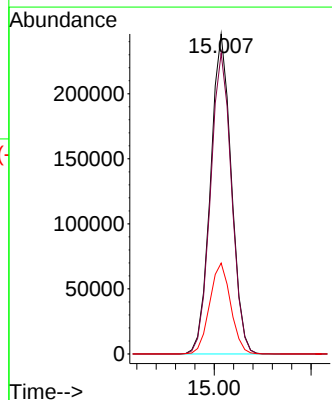
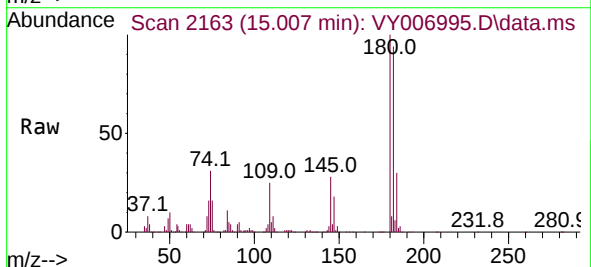
Tgt Ion:180 Resp: 367623

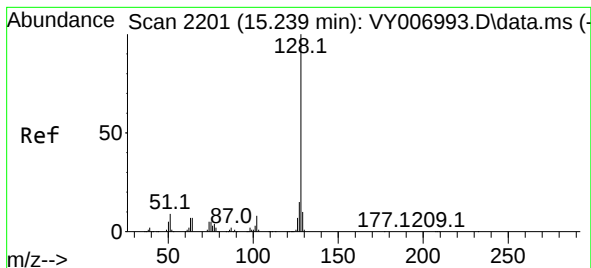
Ion Ratio Lower Upper

180 100

182 94.7 74.6 112.0

145 28.7 22.7 34.1





#71

Naphthalene

Concen: 114.452 ug/L

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Instrument :

MSVOA_Y

ClientSampleId :

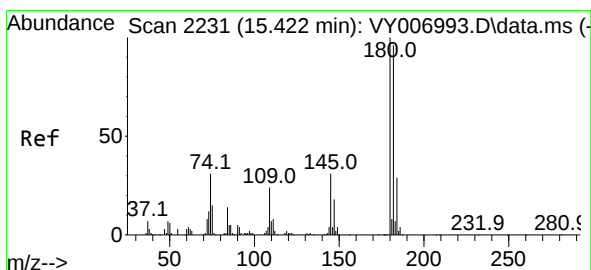
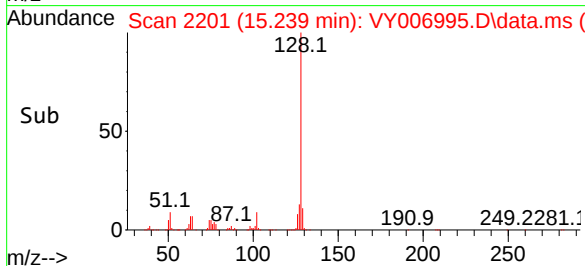
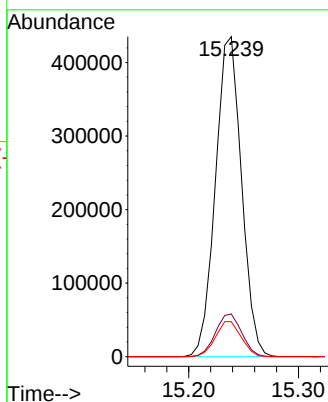
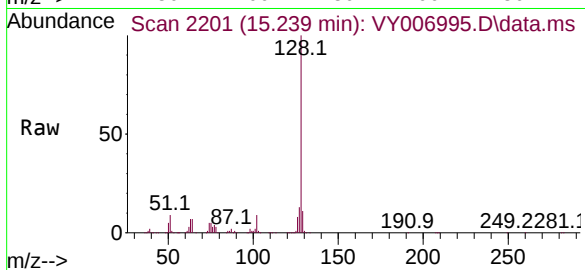
Tgt Ion:128 Resp: 719095

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.9 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 117.140 ug/L

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY006995.D

Acq: 07 Dec 2021 13:35

Tgt Ion:180 Resp: 318780

Ion Ratio Lower Upper

180 100

182 95.4 76.2 114.2

145 30.5 23.7 35.5

