

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102721\
 Data File : VY006502.D
 Acq On : 27 Oct 2021 17:27
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025894

Quant Time: Oct 28 05:48:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL100521SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 28 05:46:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	206969	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	195475	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	98975	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	88267	24.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
7) Chloroethane-d5	2.772	69	61767	23.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	3.863	63	136248	23.164	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.640%
21) 2-Butanone-d5	6.899	46	49497	51.608	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.220%
24) Chloroform-d	7.484	84	127145	24.387	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.560%
26) 1,2-Dichloroethane-d4	8.149	65	82756	24.167	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.680%
32) Benzene-d6	8.118	84	263507	24.499	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	9.124	67	80292	25.436	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.760%
41) Toluene-d8	10.185	98	246089	24.021	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.080%
43) trans-1,3-Dichloroprop...	10.441	79	39099	23.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.240%
47) 2-Hexanone-d5	10.789	63	35595	50.987	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	56970	23.112	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.440%
66) 1,2-Dichlorobenzene-d4	13.721	152	81803	23.960	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	81288	21.008	ug/L	100
3) Chloromethane	2.119	50	89778	23.716	ug/L	96
5) Vinyl chloride	2.260	62	104196	23.528	ug/L	99
6) Bromomethane	2.662	94	48444	24.117	ug/L	99
8) Chloroethane	2.802	64	53773	21.456	ug/L	99
9) Trichlorofluoromethane	3.137	101	121889	22.275	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	62372	22.569	ug/L	94
12) 1,1-Dichloroethene	3.881	96	58534	21.945	ug/L	85
13) Acetone	3.954	43	44164	40.304	ug/L	94
14) Carbon disulfide	4.204	76	179621	18.607	ug/L	99
15) Methyl Acetate	4.485	43	40456	23.645	ug/L #	77
16) Methylene chloride	4.729	84	71400	19.564	ug/L	94
17) trans-1,2-Dichloroethene	5.229	96	64327	22.958	ug/L	93
18) Methyl tert-butyl Ether	5.229	73	182281	24.870	ug/L	97
19) 1,1-Dichloroethane	6.027	63	128681	25.337	ug/L	97
20) cis-1,2-Dichloroethene	6.990	96	72073	24.540	ug/L	99
22) 2-Butanone	6.997	43	56674	46.466	ug/L	99
23) Bromochloromethane	7.344	128	31276	23.421	ug/L	99
25) Chloroform	7.515	83	139014	24.994	ug/L	99

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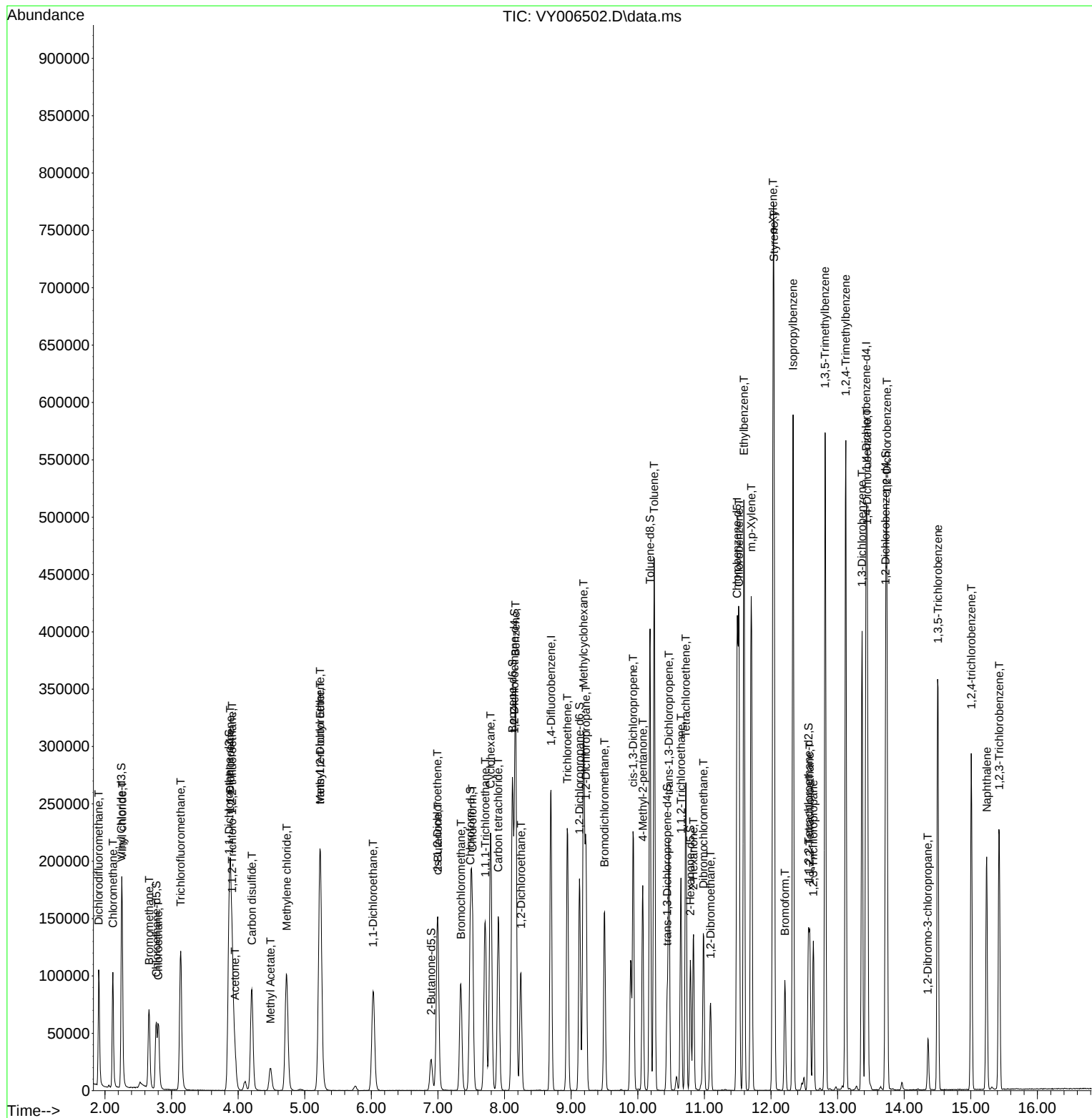
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.246	62	95870	24.246	ug/L	96
29) Cyclohexane	7.789	56	119255	23.712	ug/L	99
30) 1,1,1-Trichloroethane	7.710	97	121881	24.558	ug/L	99
31) Carbon tetrachloride	7.905	117	107962	24.037	ug/L	100
33) Benzene	8.167	78	287648	24.099	ug/L	100
34) Trichloroethene	8.941	95	74000	24.404	ug/L	99
35) Methylcyclohexane	9.185	83	120952	22.837	ug/L	96
37) 1,2-Dichloropropane	9.222	63	73726	25.812	ug/L	99
38) Bromodichloromethane	9.502	83	98520	25.134	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	115307	25.401	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	118708	51.816	ug/L	99
42) Toluene	10.246	91	313823	24.315	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	105153	24.535	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	51665	24.490	ug/L	99
46) Tetrachloroethene	10.721	164	57309	22.896	ug/L	95
48) 2-Hexanone	10.837	43	89416	50.021	ug/L	97
49) Dibromochloromethane	10.984	129	65205	24.614	ug/L	97
50) 1,2-Dibromoethane	11.093	107	47725	24.257	ug/L #	98
51) Chlorobenzene	11.520	112	188063	24.060	ug/L	98
52) Ethylbenzene	11.593	91	338787	24.612	ug/L	99
53) m,p-Xylene	11.703	106	127689	24.229	ug/L	98
54) o-Xylene	12.032	106	123314	24.418	ug/L	98
55) Styrene	12.044	104	217533	24.709	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.581	83	51986	22.598	ug/L	98
59) Bromoform	12.209	173	39838	23.851	ug/L #	98
60) Isopropylbenzene	12.331	105	343171	25.684	ug/L	99
61) 1,2,3-Trichloropropane	12.636	75	47666	24.548	ug/L	100
62) 1,3,5-Trimethylbenzene	12.813	105	282539	25.965	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	279897	26.064	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	147617	24.650	ug/L	99
65) 1,4-Dichlorobenzene	13.447	146	149070	24.756	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	135533	24.905	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.355	75	10766	23.012	ug/L	90
69) 1,3,5-Trichlorobenzene	14.507	180	106522	25.153	ug/L	98
70) 1,2,4-trichlorobenzene	15.007	180	85025	24.832	ug/L	98
71) Naphthalene	15.239	128	158884	23.755	ug/L	98
72) 1,2,3-Trichlorobenzene	15.428	180	73009	24.542	ug/L	99

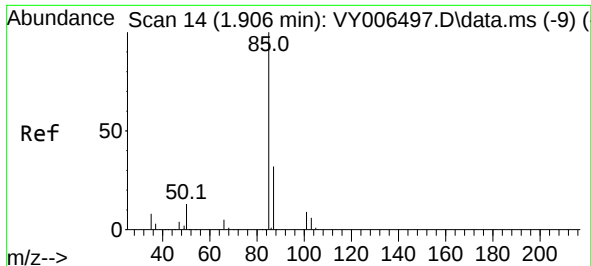
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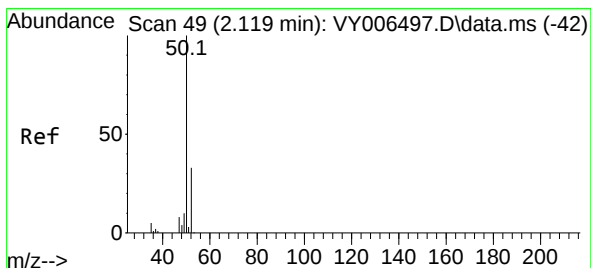
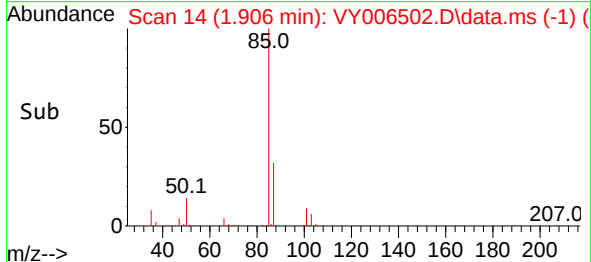
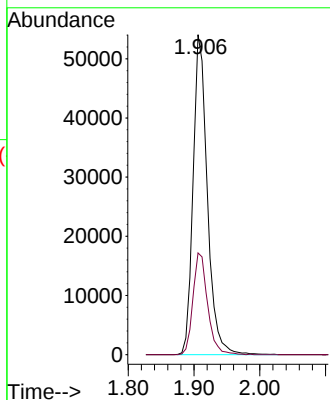
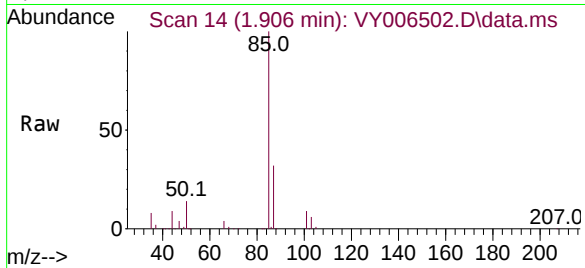




#2
Dichlorodifluoromethane
Concen: 21.008 ug/L
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

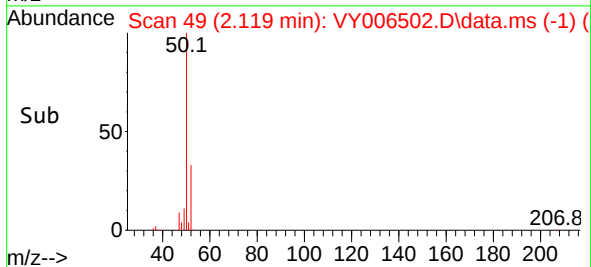
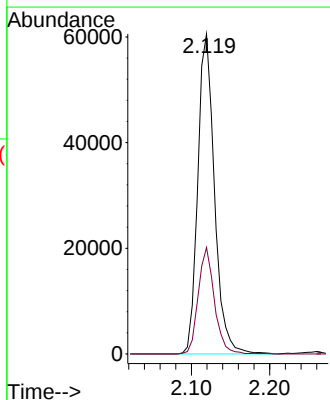
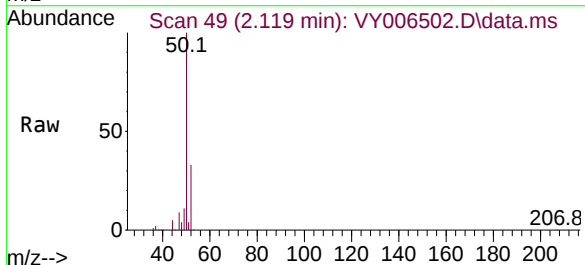
Instrument :
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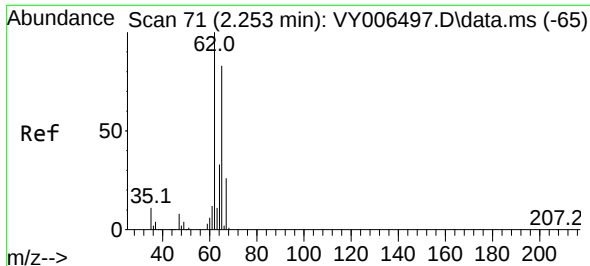
Tgt Ion: 85 Resp: 81288
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.2



#3
Chloromethane
Concen: 23.716 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 50 Resp: 89778
Ion Ratio Lower Upper
50 100
52 33.2 21.8 40.4

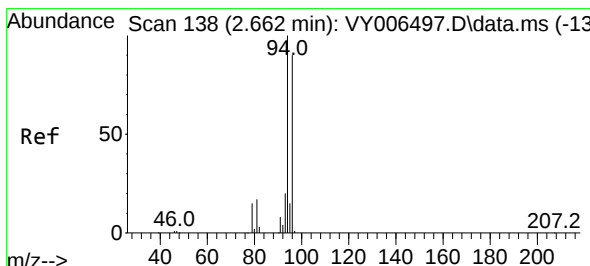
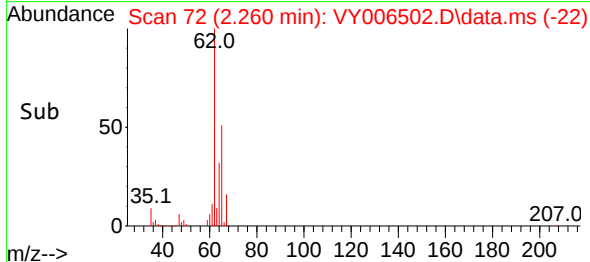
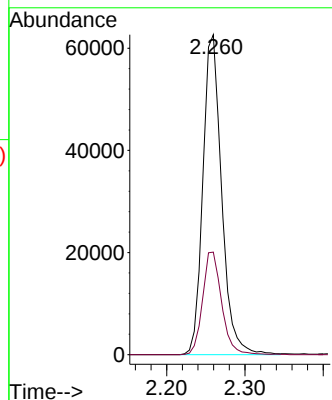
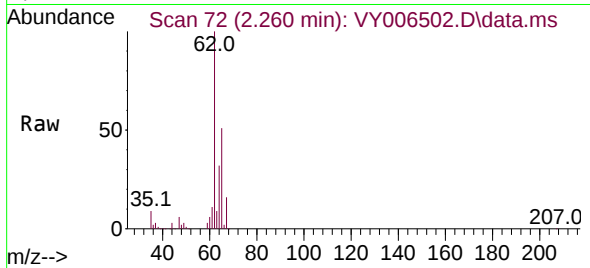




#5
 Vinyl chloride
 Concen: 23.528 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.006 min
 Lab File: VY006502.D
 Acq: 27 Oct 2021 17:27

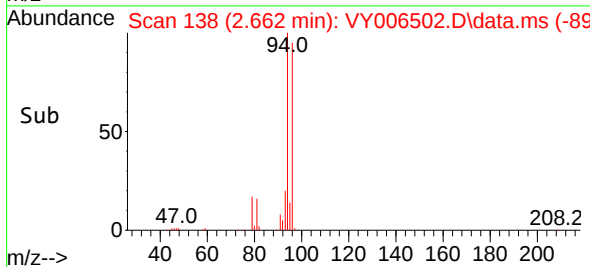
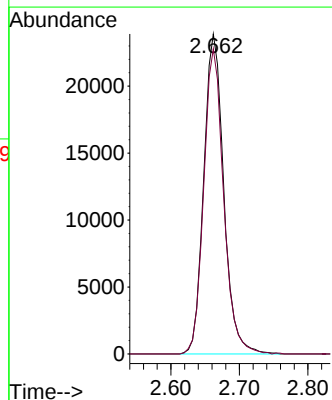
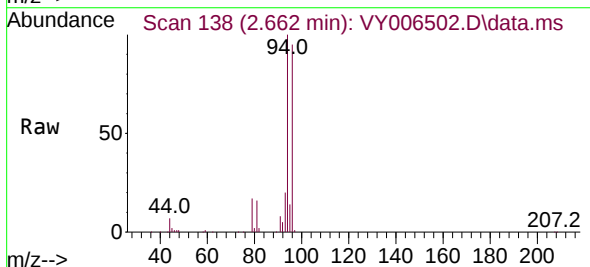
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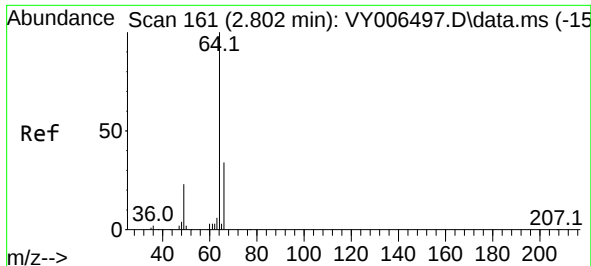
Tgt Ion: 62 Resp: 104196
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.8 42.4



#6
 Bromomethane
 Concen: 24.117 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY006502.D
 Acq: 27 Oct 2021 17:27

Tgt Ion: 94 Resp: 48444
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.9 122.5

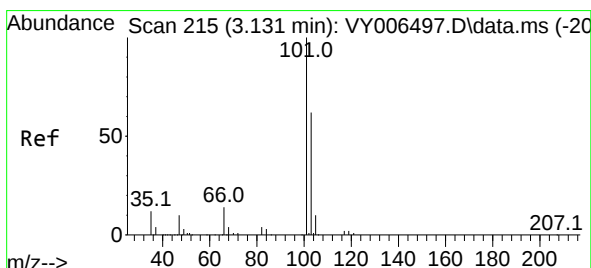
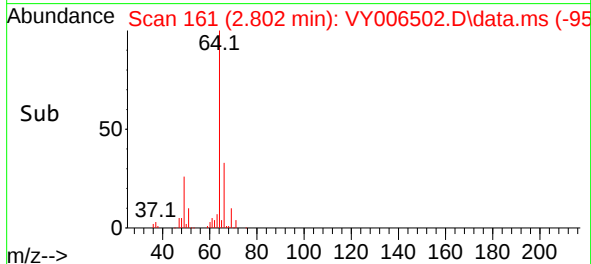
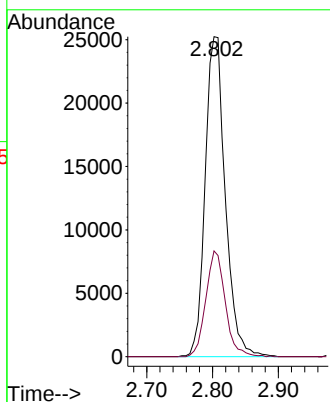
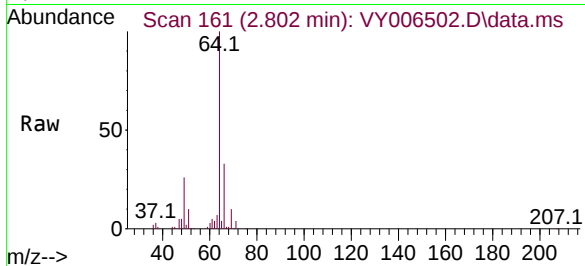




#8
Chloroethane
Concen: 21.456 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

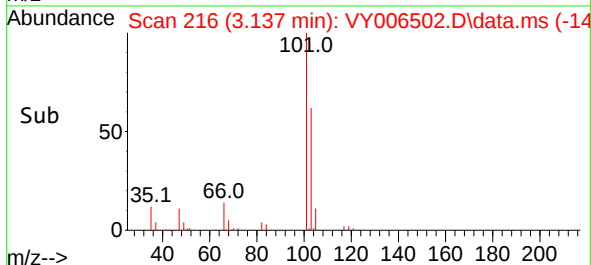
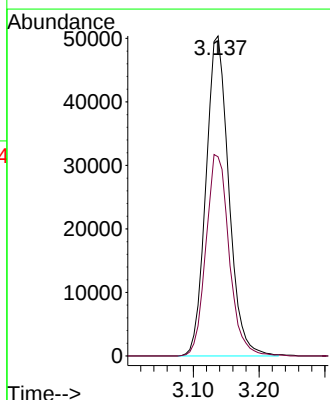
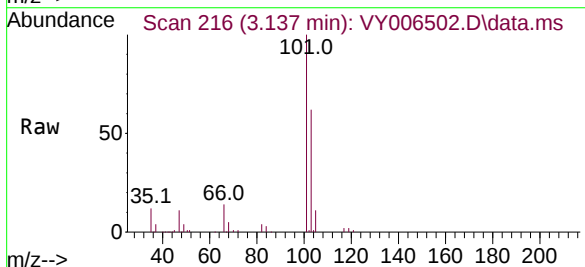
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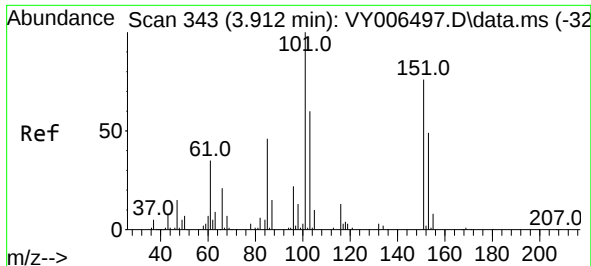
Tgt Ion: 64 Resp: 53773
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 22.275 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion:101 Resp: 121889
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2

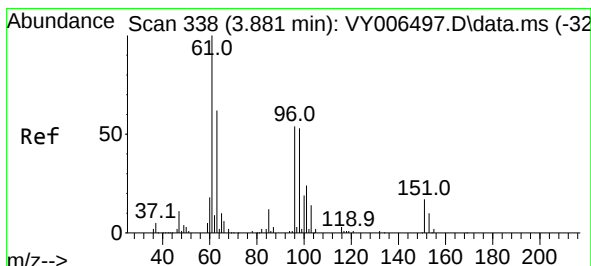
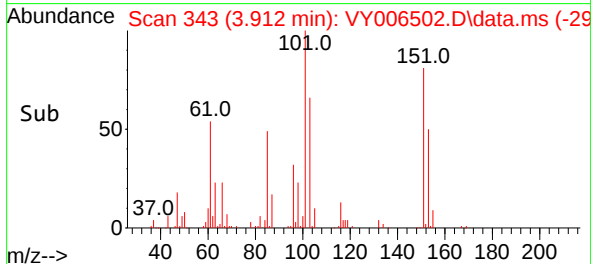
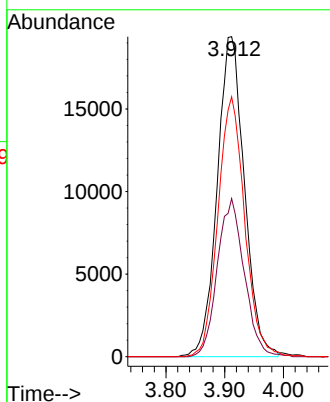
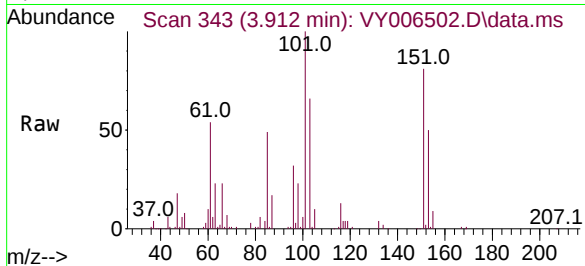




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.569 ug/L
 RT: 3.912 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VY006502.D
 Acq: 27 Oct 2021 17:27

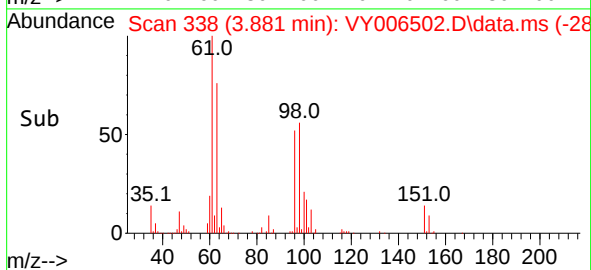
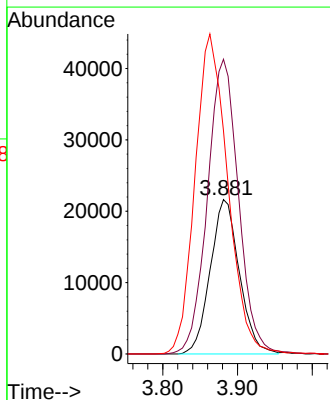
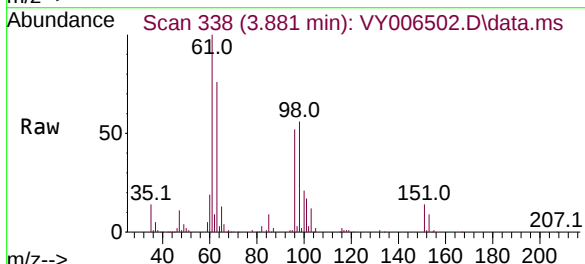
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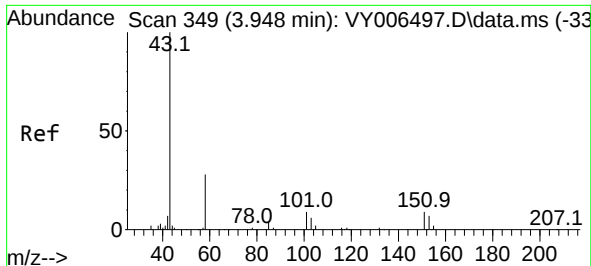
Tgt Ion:	101	Resp:	62372
Ion	Ratio	Lower	Upper
101	100		
85	48.6	36.6	54.8
151	79.9	59.0	88.4



#12
 1,1-Dichloroethene
 Concen: 21.945 ug/L
 RT: 3.881 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VY006502.D
 Acq: 27 Oct 2021 17:27

Tgt Ion:	96	Resp:	58534
Ion	Ratio	Lower	Upper
96	100		
61	190.9	121.2	225.2
63	144.6	86.9	161.3

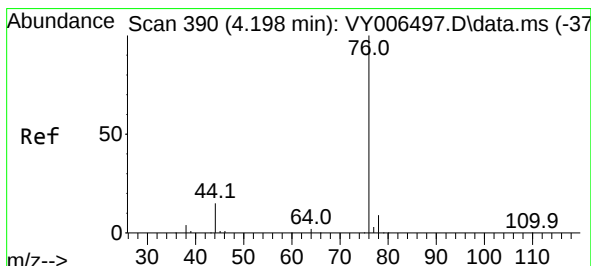
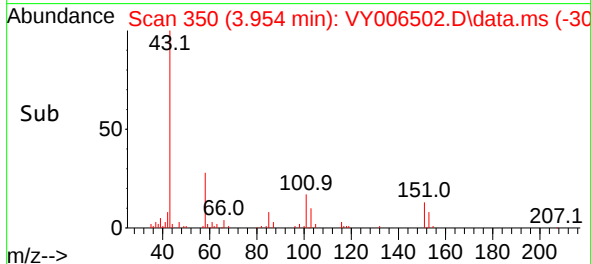
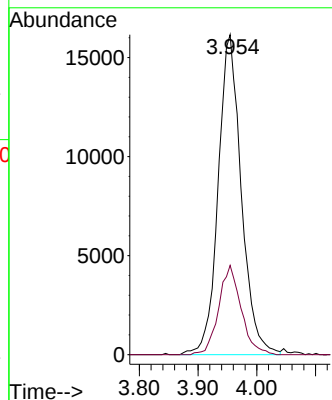
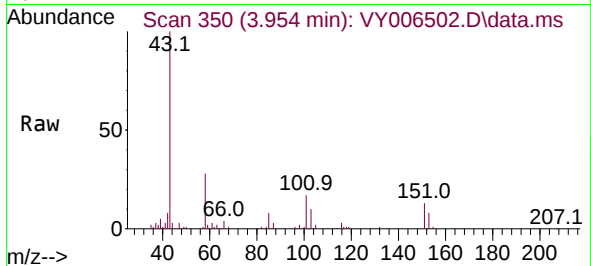




#13
Acetone
Concen: 40.304 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
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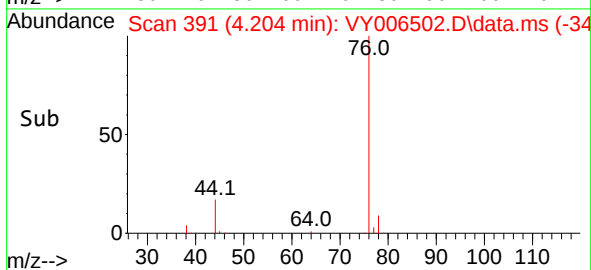
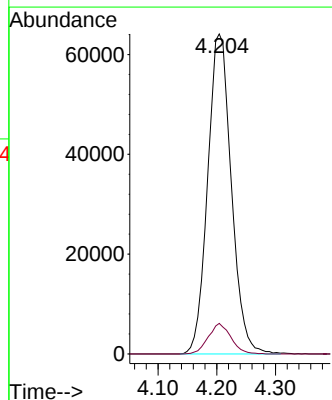
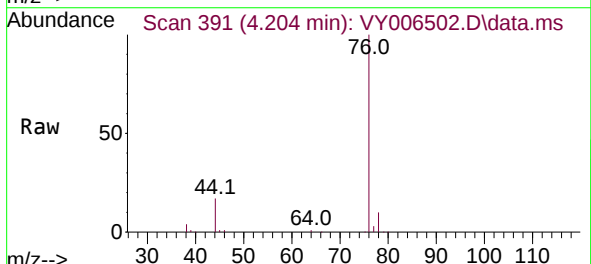
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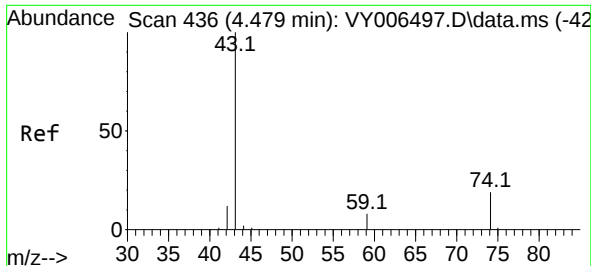
Tgt Ion: 43 Resp: 44164
Ion Ratio Lower Upper
43 100
58 27.0 0.0 61.0



#14
Carbon disulfide
Concen: 18.607 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY006502.D
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Tgt Ion: 76 Resp: 179621
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

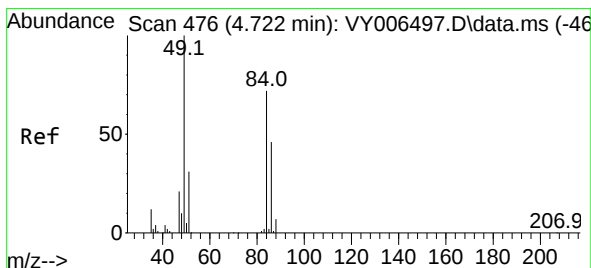
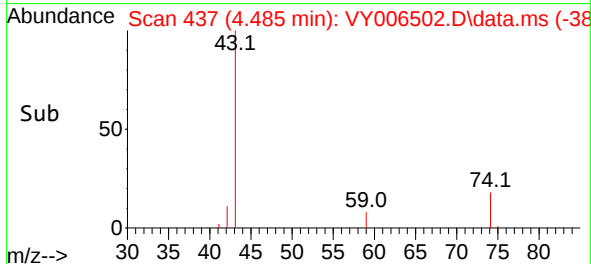
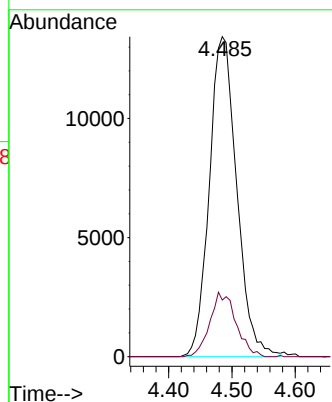
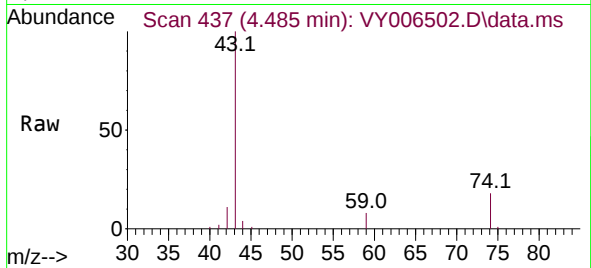




#15
Methyl Acetate
Concen: 23.645 ug/L
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

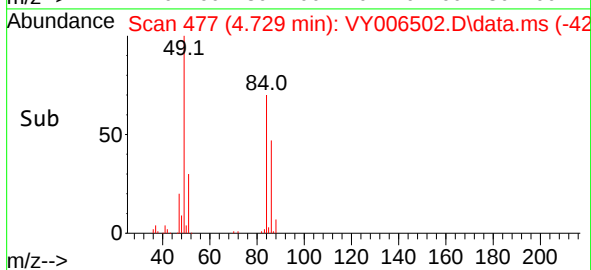
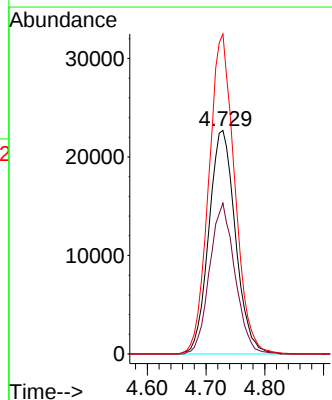
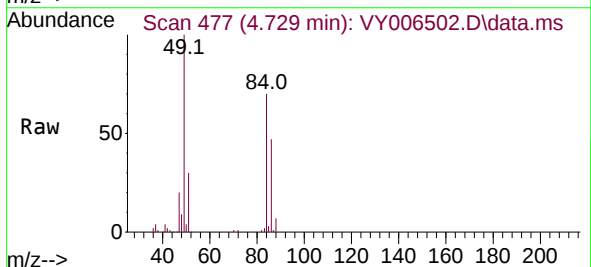
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

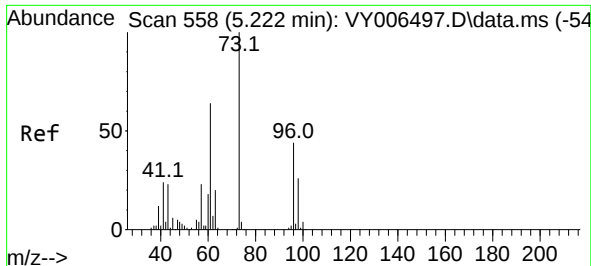
Tgt Ion: 43 Resp: 40456
Ion Ratio Lower Upper
43 100
74 10.1 16.7 25.1#



#16
Methylene chloride
Concen: 19.564 ug/L
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 84 Resp: 71400
Ion Ratio Lower Upper
84 100
86 67.5 43.2 80.2
49 143.2 96.0 178.4

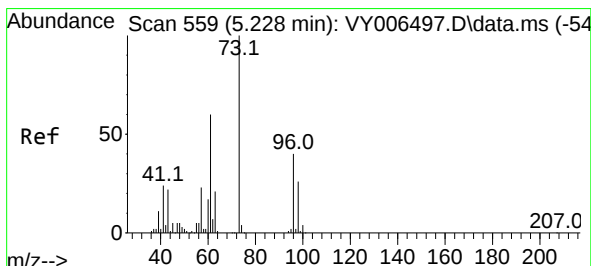
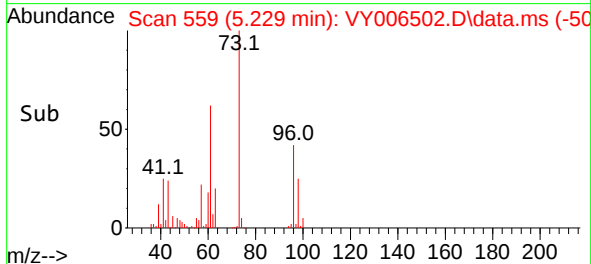
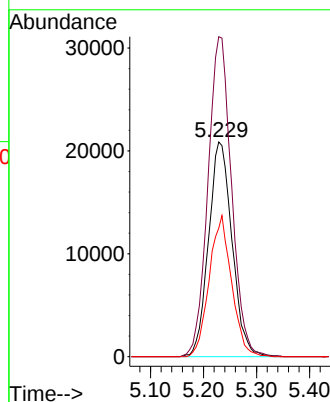
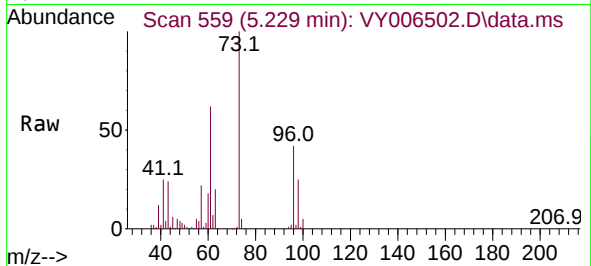




#17
trans-1,2-Dichloroethene
Concen: 22.958 ug/L
RT: 5.229 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

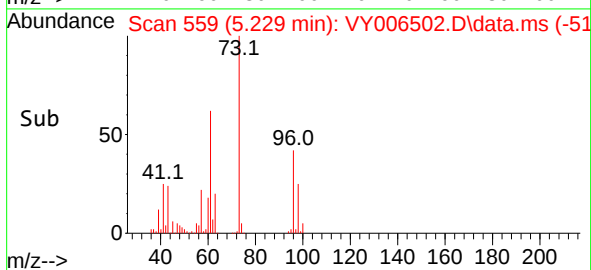
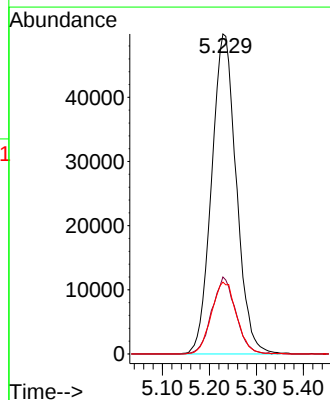
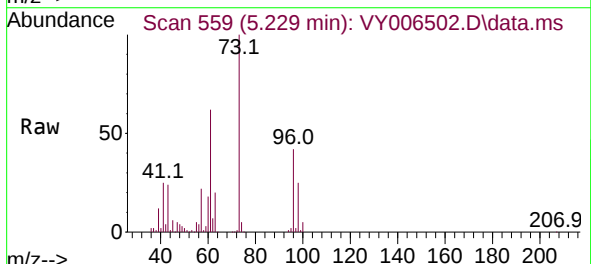
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

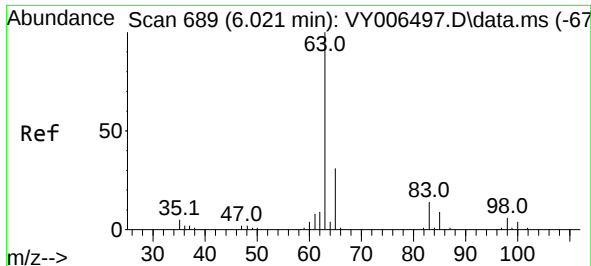
Tgt Ion: 96 Resp: 64327
Ion Ratio Lower Upper
96 100
61 149.0 97.6 181.2
98 59.8 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 24.870 ug/L
RT: 5.229 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 73 Resp: 182281
Ion Ratio Lower Upper
73 100
43 23.2 16.8 25.2
57 22.9 18.7 28.1





#19

1,1-Dichloroethane

Concen: 25.337 ug/L

RT: 6.027 min Scan# 690

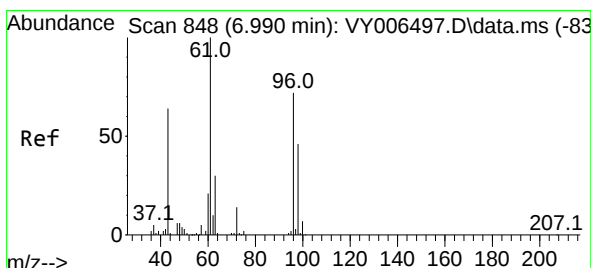
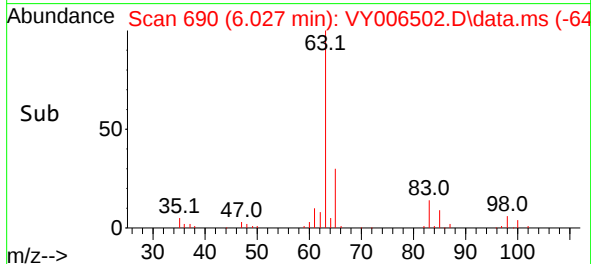
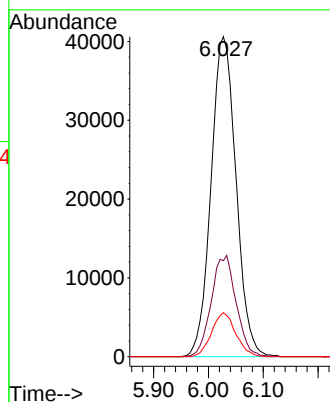
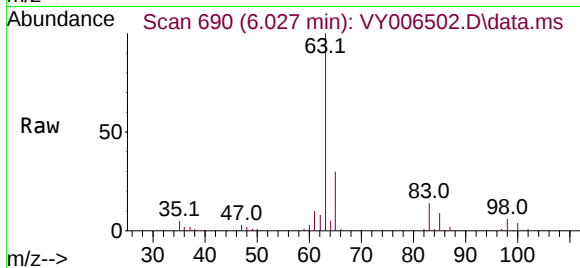
Delta R.T. 0.006 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion: 63 Resp: 128681

Ion	Ratio	Lower	Upper
63	100		
65	30.0	22.4	41.6
83	13.7	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 24.540 ug/L

RT: 6.990 min Scan# 848

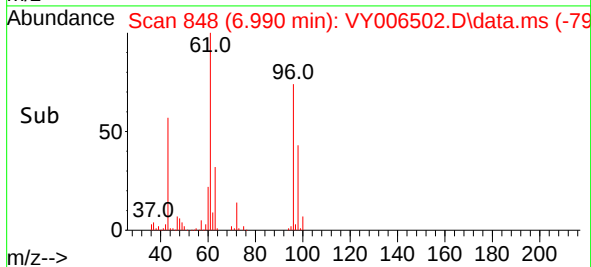
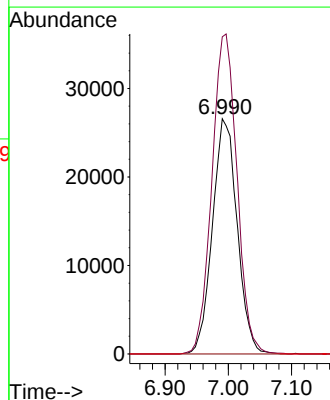
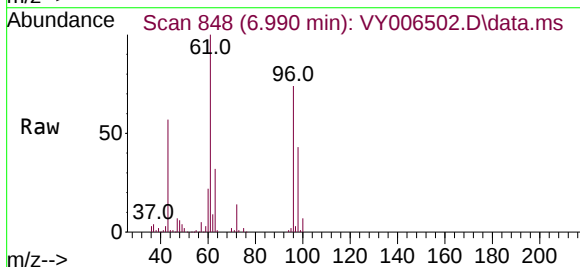
Delta R.T. 0.000 min

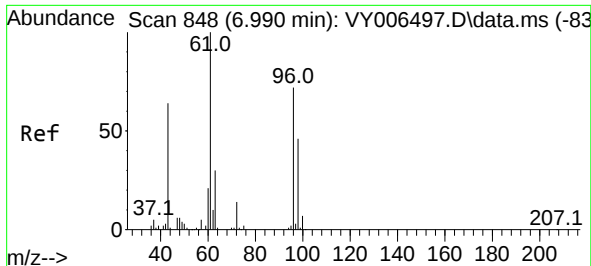
Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion: 96 Resp: 72073

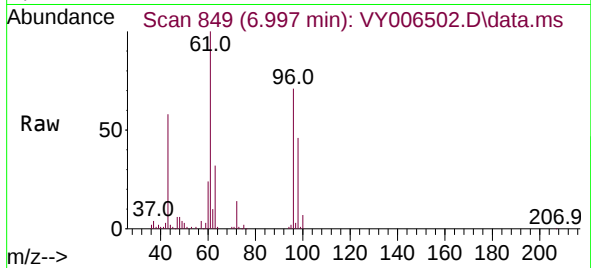
Ion	Ratio	Lower	Upper
96	100		
61	134.8	94.8	176.2
68	0.0	0.0	0.0



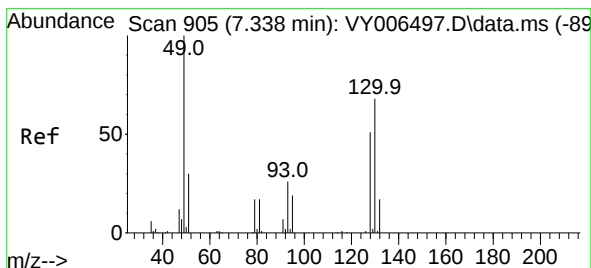
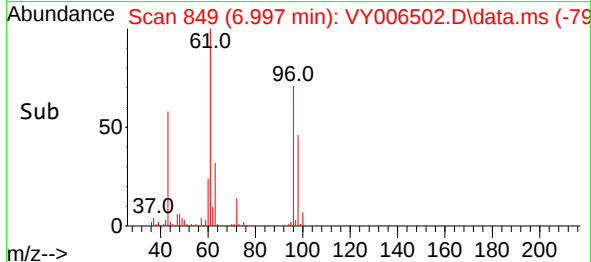
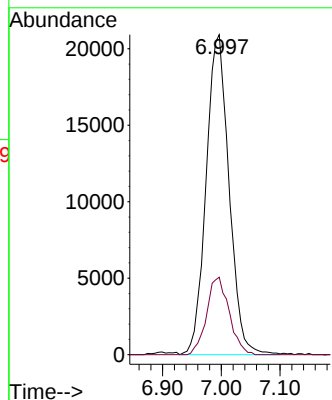


#22
2-Butanone
Concen: 46.466 ug/L
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

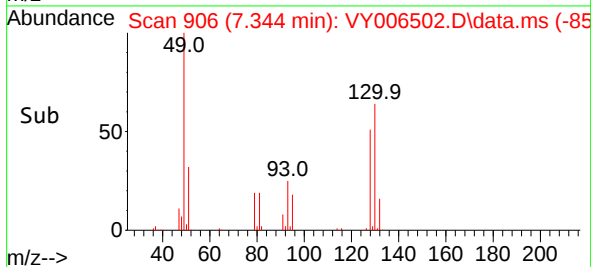
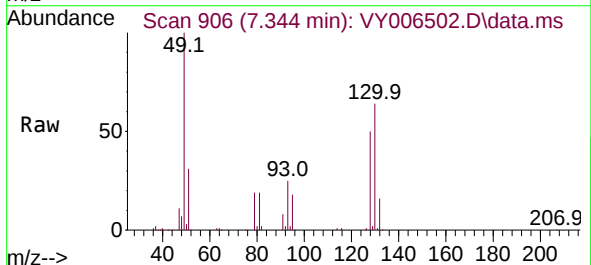
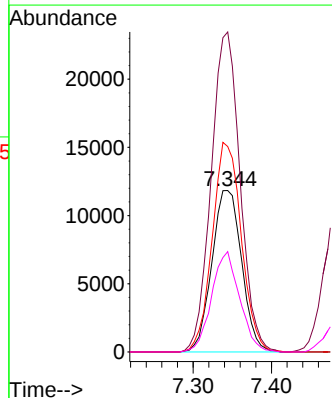


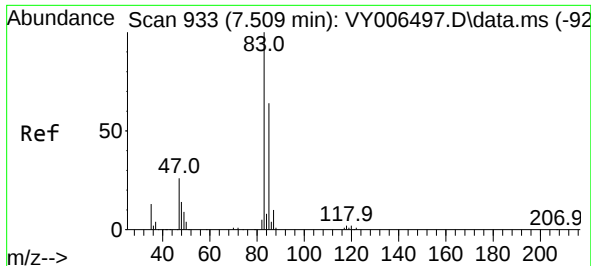
Tgt Ion: 43 Resp: 56674
Ion Ratio Lower Upper
43 100
72 23.8 12.2 36.6



#23
Bromochloromethane
Concen: 23.421 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 128 Resp: 31276
Ion Ratio Lower Upper
128 100
49 198.3 138.9 258.1
130 127.3 88.3 164.1
51 62.2 48.4 72.6

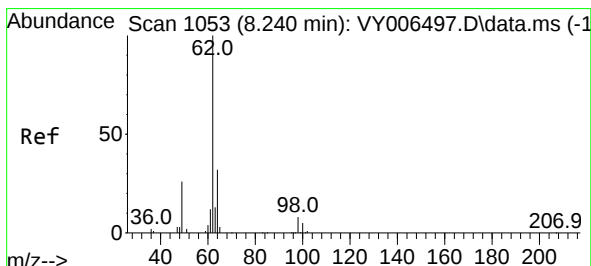
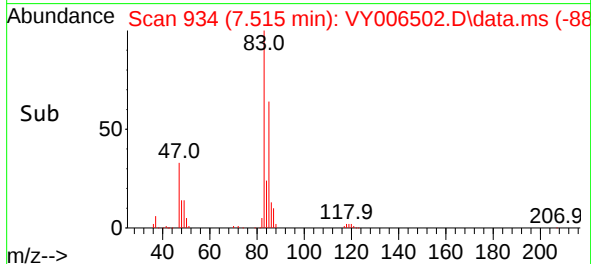
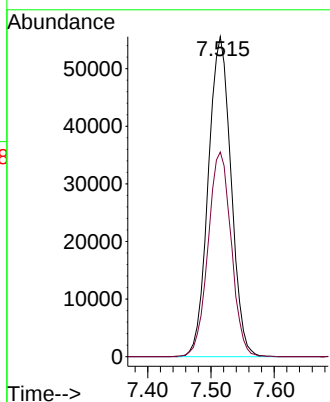
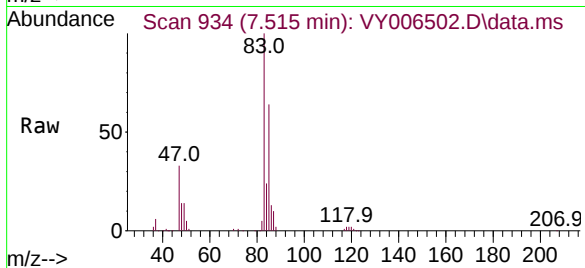




#25
Chloroform
Concen: 24.994 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

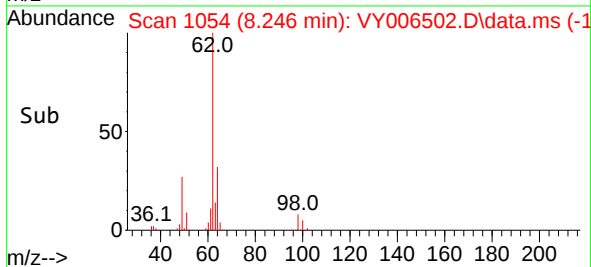
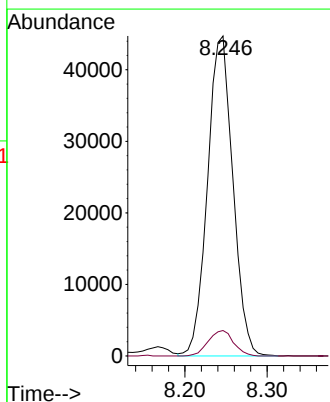
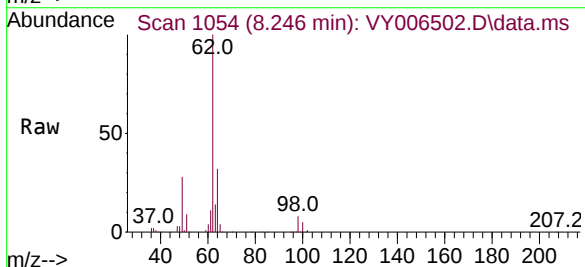
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

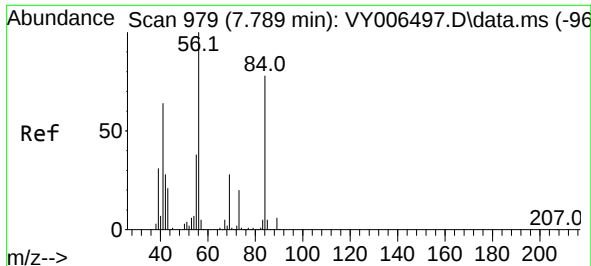
Tgt Ion: 83 Resp: 139014
Ion Ratio Lower Upper
83 100
85 63.9 45.4 84.4



#27
1,2-Dichloroethane
Concen: 24.246 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

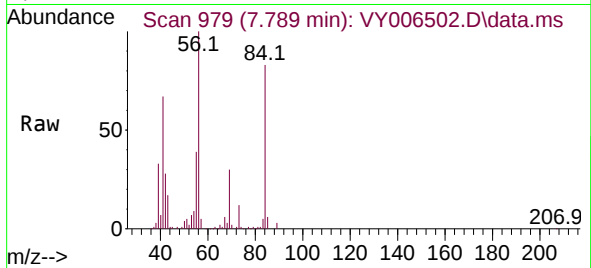
Tgt Ion: 62 Resp: 95870
Ion Ratio Lower Upper
62 100
98 8.0 7.5 11.3



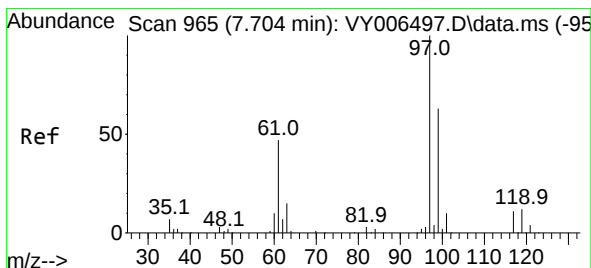
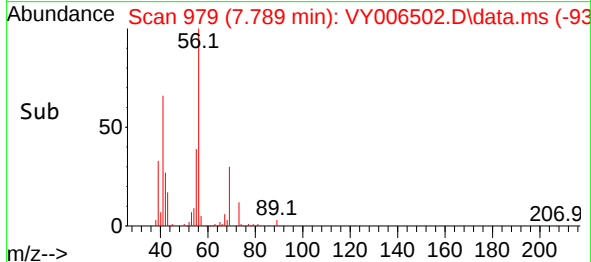
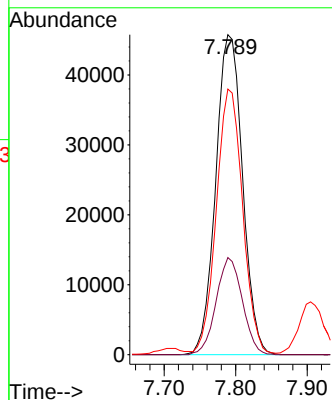


#29
Cyclohexane
Concen: 23.712 ug/L
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

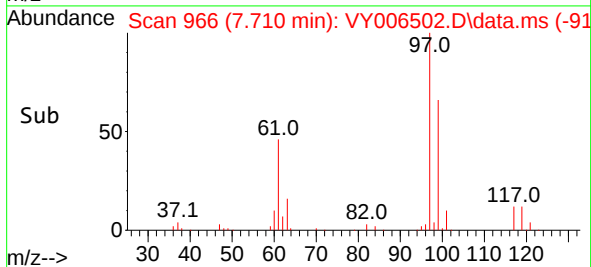
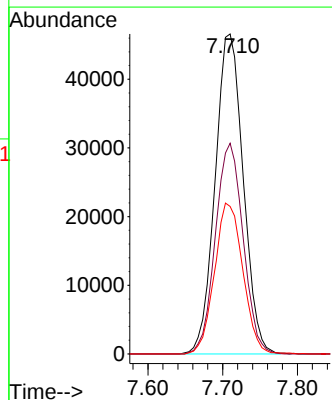
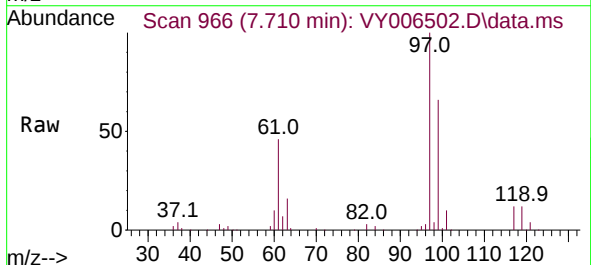


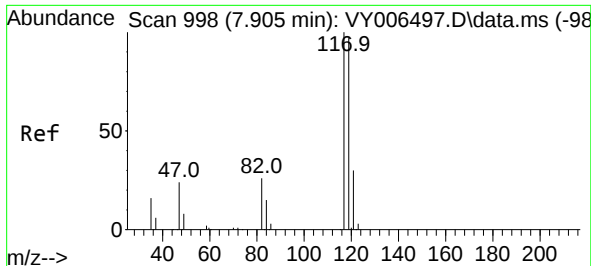
Tgt Ion:	56	Resp:	119255
Ion Ratio	Lower	Upper	
56	100		
69	29.5	22.6	33.8
84	81.6	66.1	99.1



#30
1,1,1-Trichloroethane
Concen: 24.558 ug/L
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion:	97	Resp:	121881
Ion Ratio	Lower	Upper	
97	100		
99	64.9	51.8	77.6
61	47.5	37.3	55.9

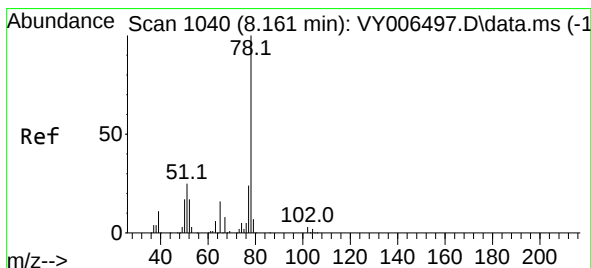
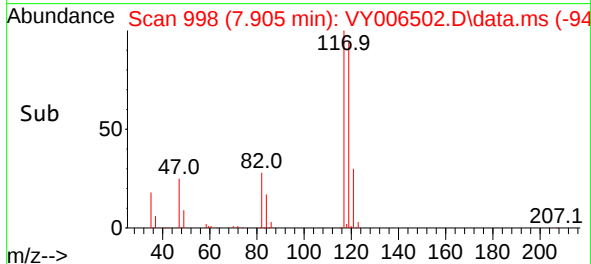
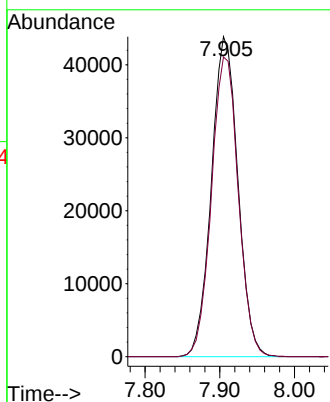
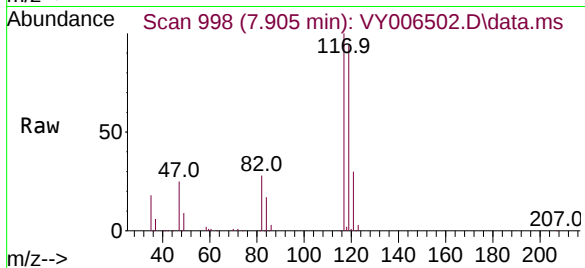




#31
Carbon tetrachloride
Concen: 24.037 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

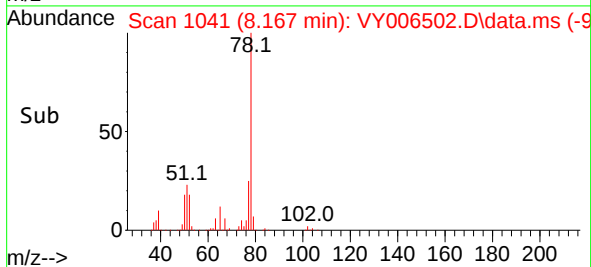
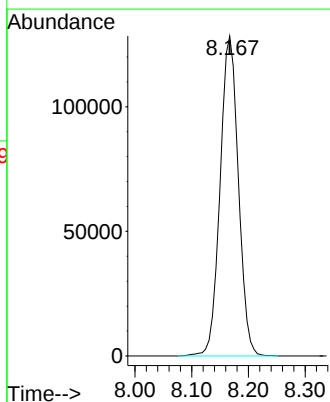
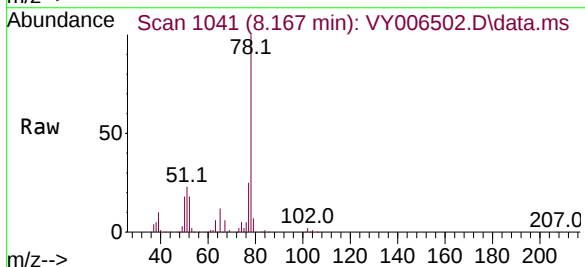
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

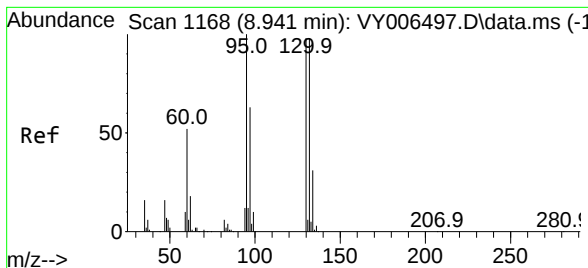
Tgt Ion:117 Resp: 107962
Ion Ratio Lower Upper
117 100
119 94.9 76.2 114.2



#33
Benzene
Concen: 24.099 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 78 Resp: 287648





#34

Trichloroethene

Concen: 24.404 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion: 95 Resp: 74000

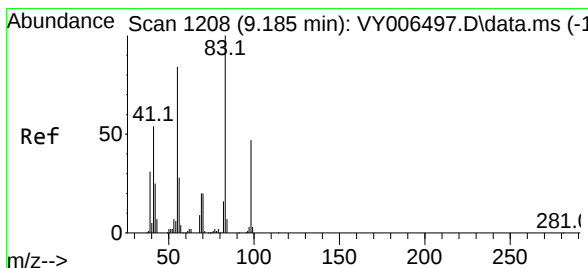
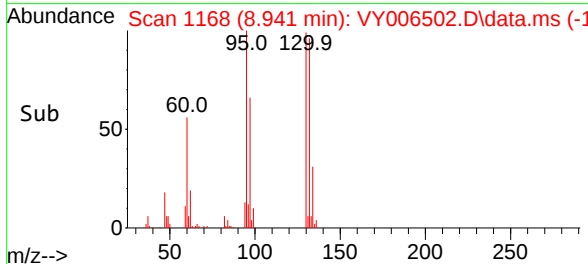
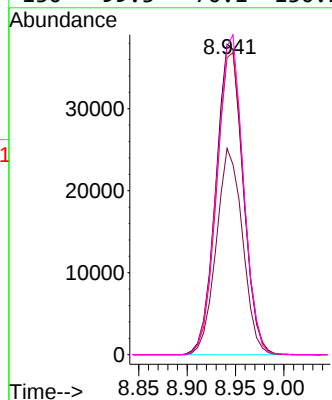
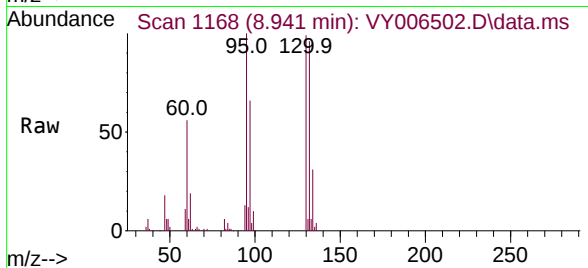
Ion Ratio Lower Upper

95 100

97 66.5 44.2 82.2

132 95.8 66.8 124.0

130 99.3 70.1 130.1



#35

Methylcyclohexane

Concen: 22.837 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

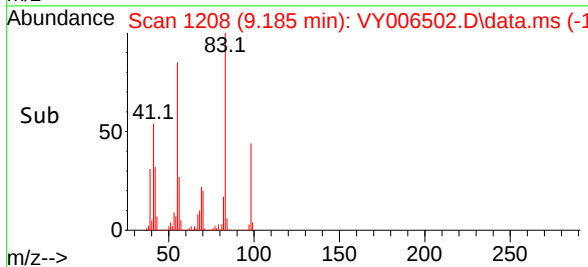
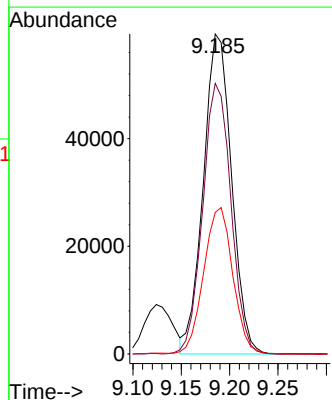
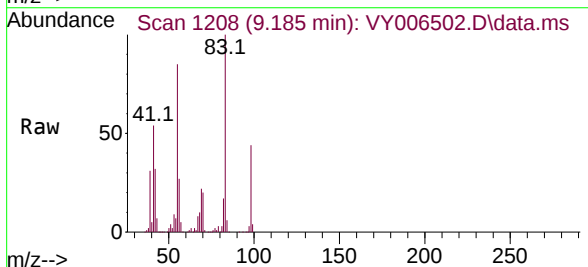
Tgt Ion: 83 Resp: 120952

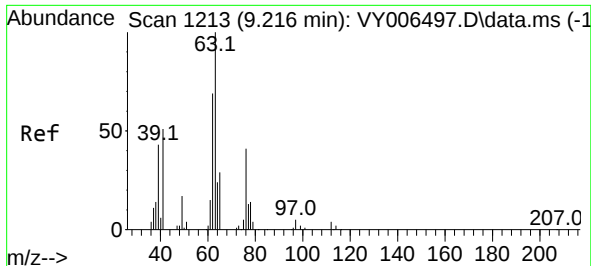
Ion Ratio Lower Upper

83 100

55 84.5 63.9 95.9

98 47.1 38.7 58.1





#37

1,2-Dichloropropane

Concen: 25.812 ug/L

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Instrument :

MSVOA_Y

ClientSampleId :

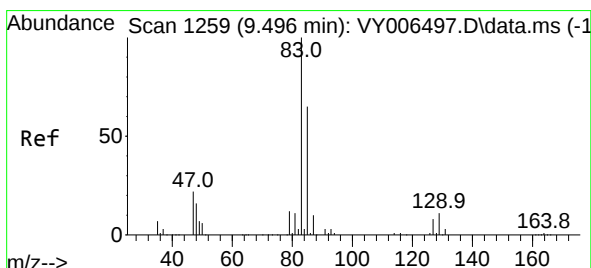
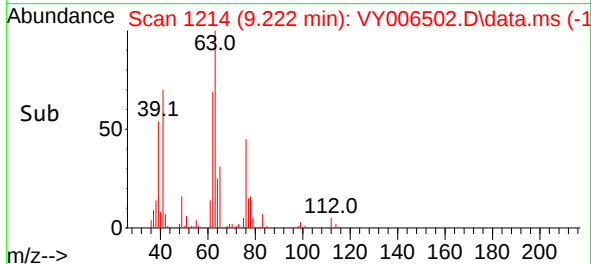
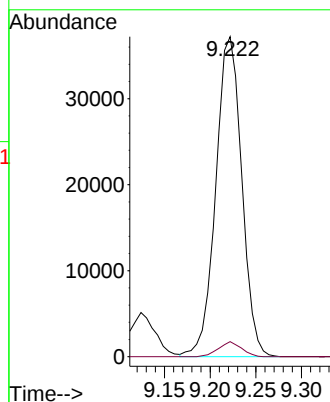
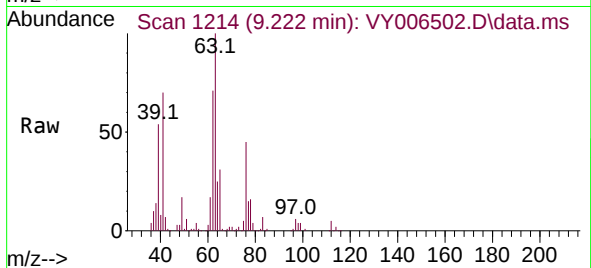
VSTD025894

Tgt Ion: 63 Resp: 73726

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 25.134 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.006 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

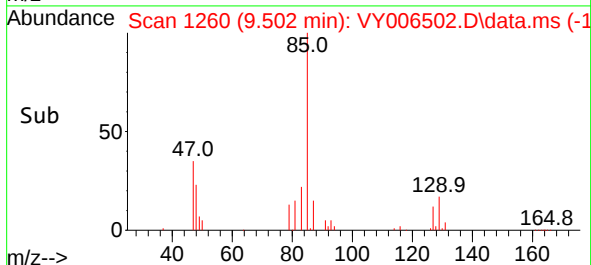
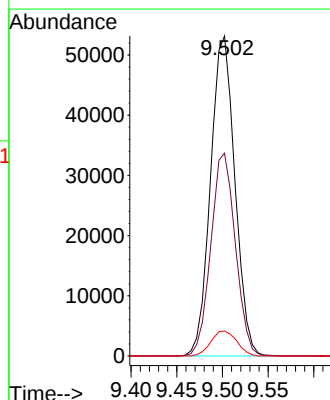
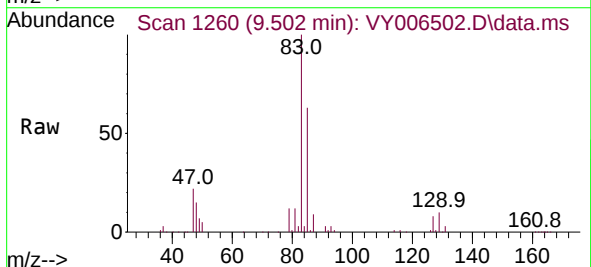
Tgt Ion: 83 Resp: 98520

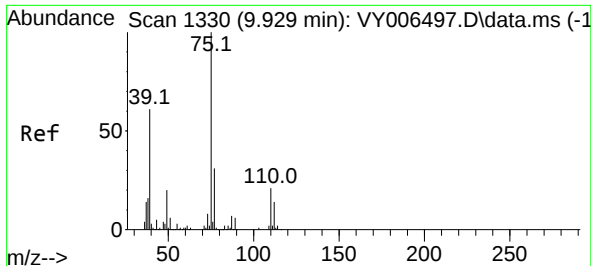
Ion Ratio Lower Upper

83 100

85 63.4 44.1 81.9

127 7.8 6.9 10.3

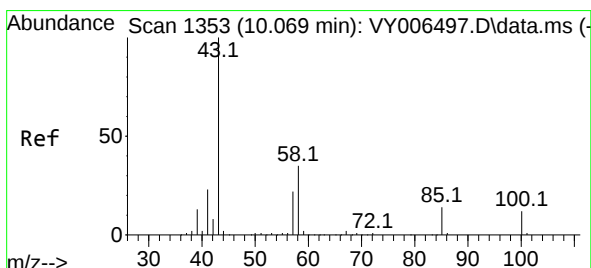
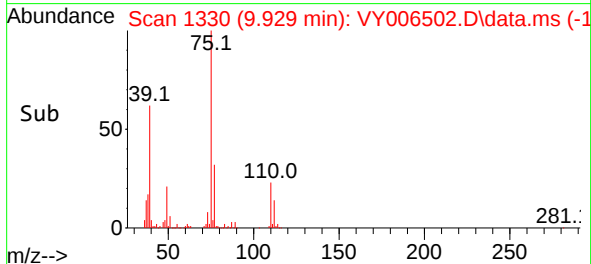
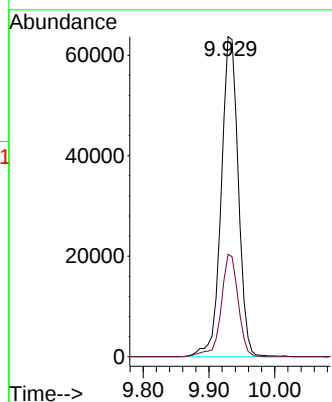
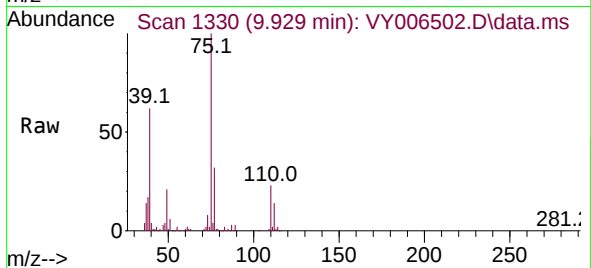




#39
 cis-1,3-Dichloropropene
 Concen: 25.401 ug/L
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY006502.D
 Acq: 27 Oct 2021 17:27

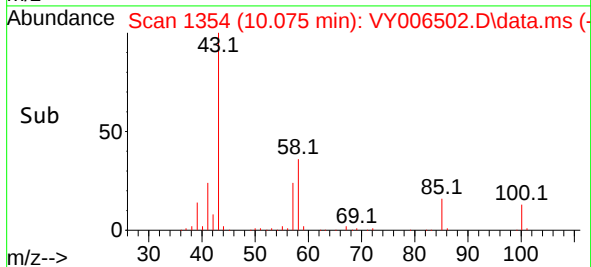
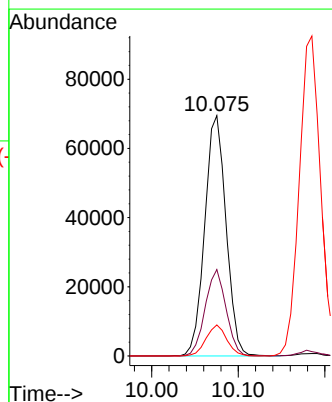
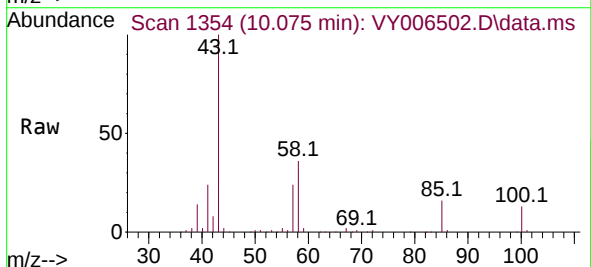
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025894

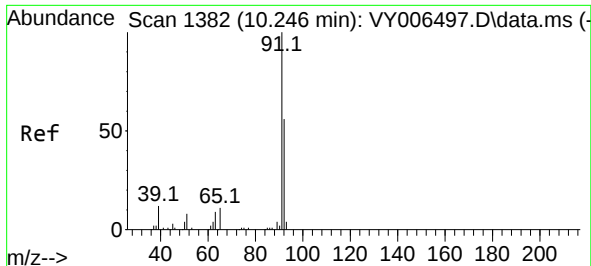
Tgt Ion: 75 Resp: 115307
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 51.816 ug/L
 RT: 10.075 min Scan# 1354
 Delta R.T. 0.006 min
 Lab File: VY006502.D
 Acq: 27 Oct 2021 17:27

Tgt Ion: 43 Resp: 118708
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.5 42.7
 100 12.6 10.4 15.6

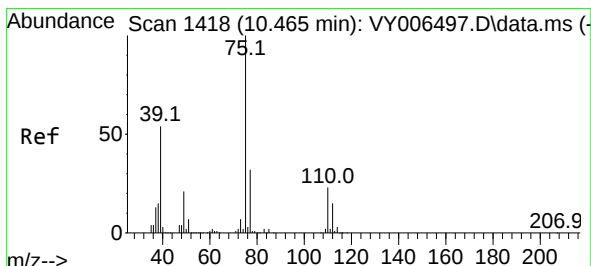
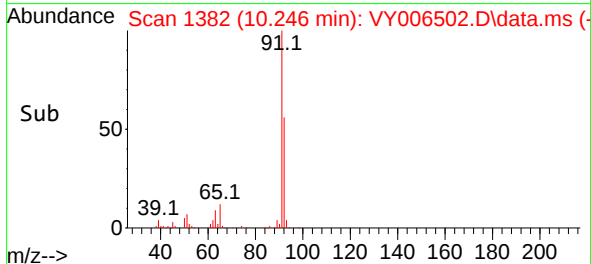
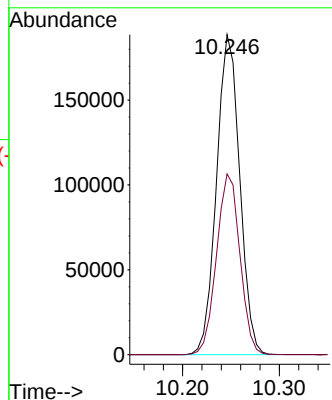
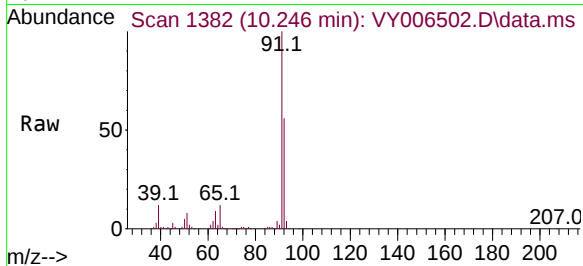




#42
Toluene
Concen: 24.315 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

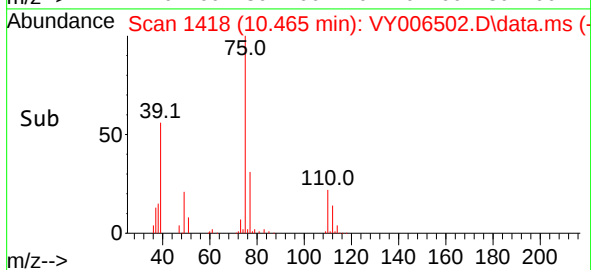
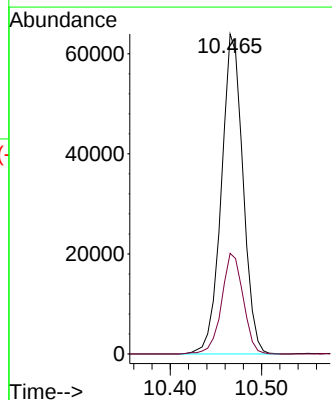
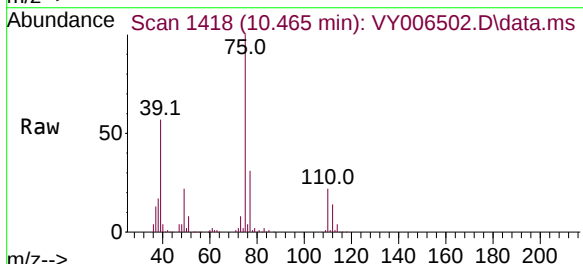
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

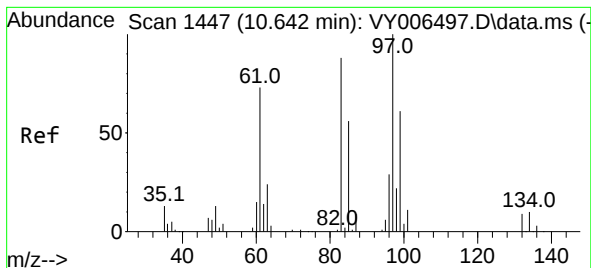
Tgt Ion: 91 Resp: 313823
Ion Ratio Lower Upper
91 100
92 56.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 24.535 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 75 Resp: 105153
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 24.490 ug/L

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion: 97 Resp: 51665

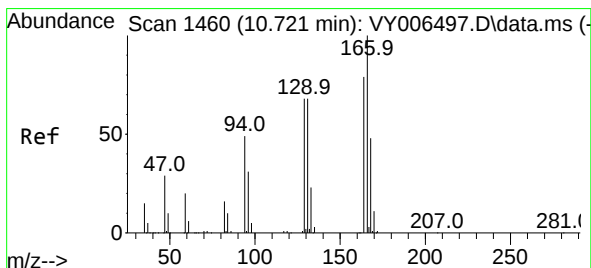
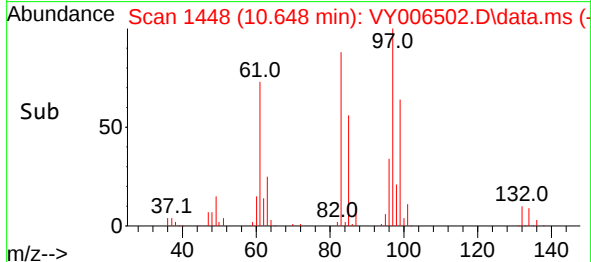
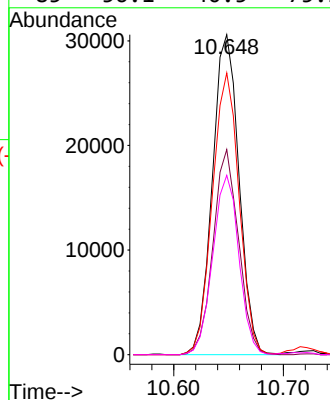
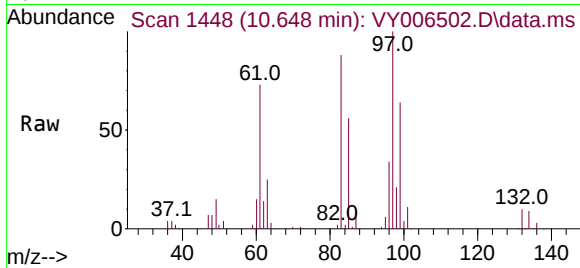
Ion Ratio Lower Upper

97 100

99 64.1 44.2 82.0

83 88.0 61.1 113.5

85 56.1 40.5 75.3



#46

Tetrachloroethene

Concen: 22.896 ug/L

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion:164 Resp: 57309

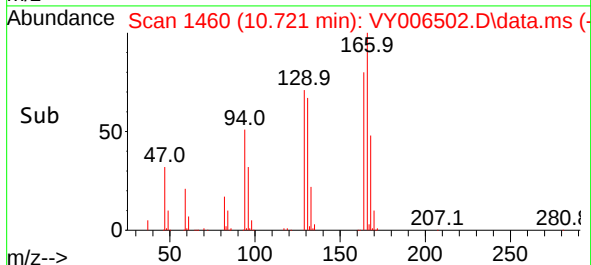
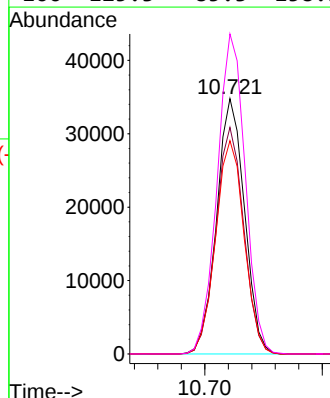
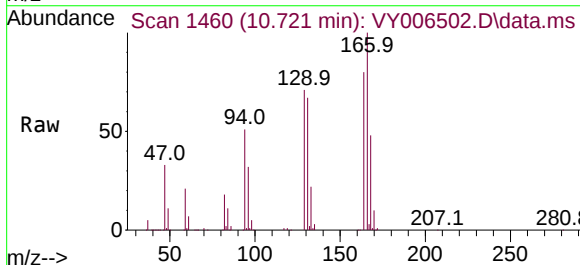
Ion Ratio Lower Upper

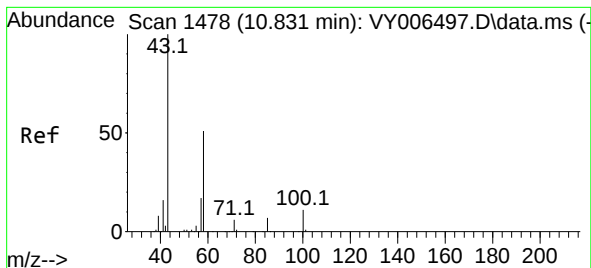
164 100

129 88.7 65.9 122.3

131 83.6 61.9 115.1

166 125.3 85.3 158.3

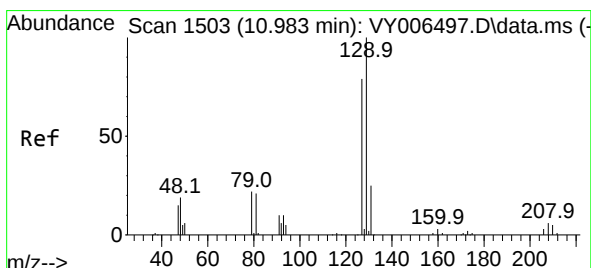
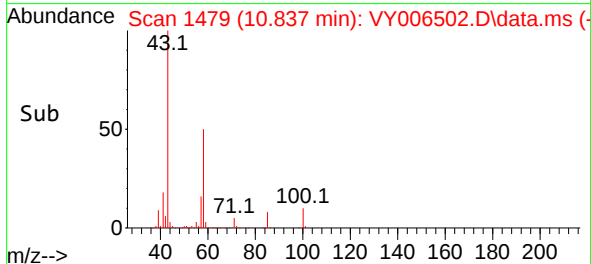
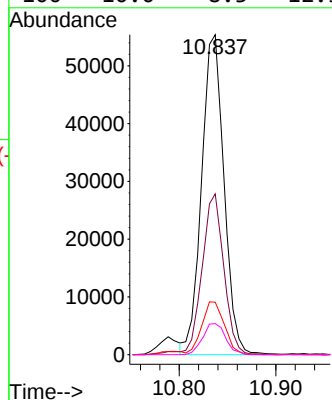
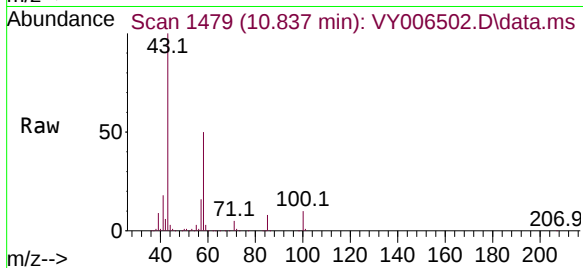




#48
2-Hexanone
Concen: 50.021 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

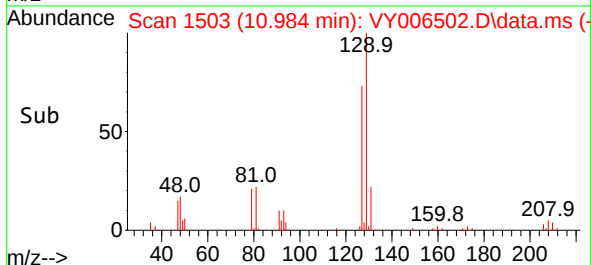
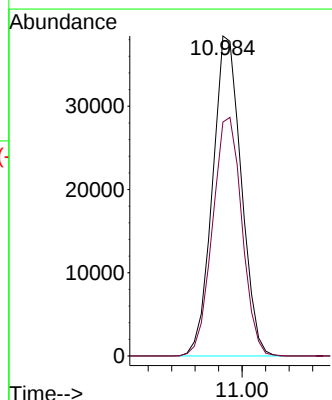
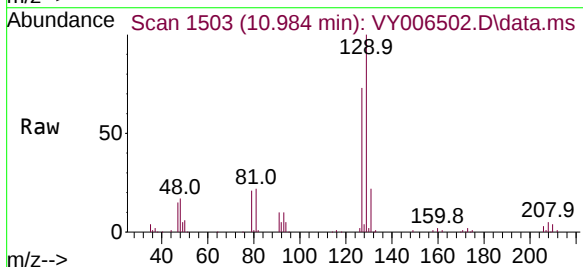
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

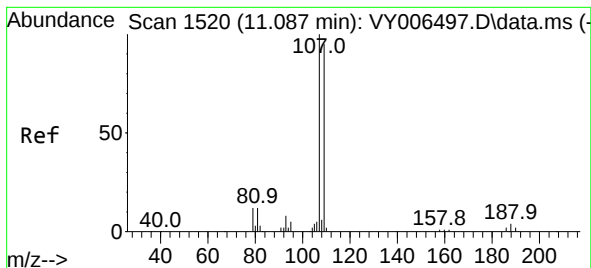
Tgt Ion: 43	Resp: 89416
Ion Ratio	Lower Upper
43 100	
58 48.5	41.1 61.7
57 16.7	13.8 20.6
100 10.0	8.3 12.5



#49
Dibromochloromethane
Concen: 24.614 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 129	Resp: 65205
Ion Ratio	Lower Upper
129 100	
127 73.1	52.8 98.0





#50

1,2-Dibromoethane

Concen: 24.257 ug/L

RT: 11.093 min Scan# 1521

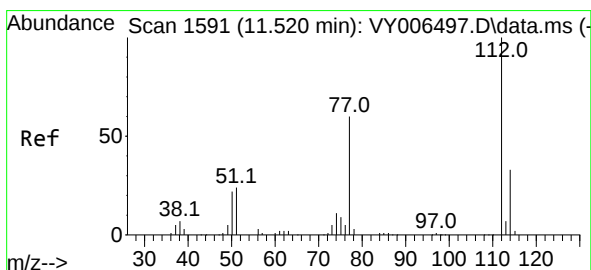
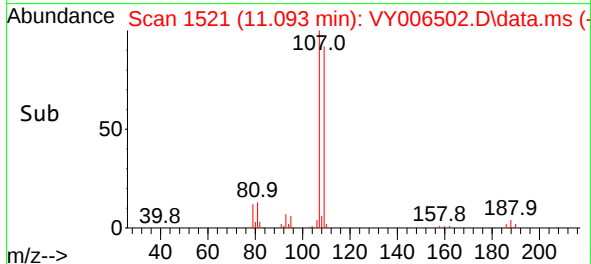
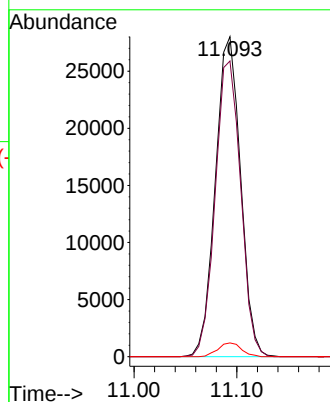
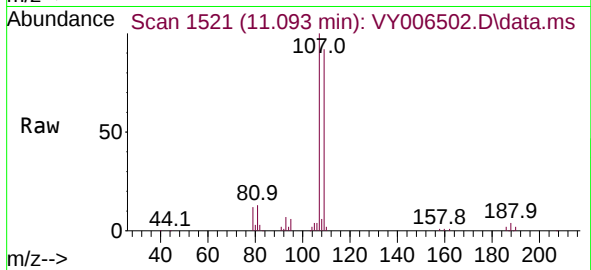
Delta R.T. 0.006 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion:	107	Resp:	47725
Ion	Ratio	Lower	Upper
107	100		
109	92.4	65.7	121.9
188	4.3	2.8	4.2#

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894



#51

Chlorobenzene

Concen: 24.060 ug/L

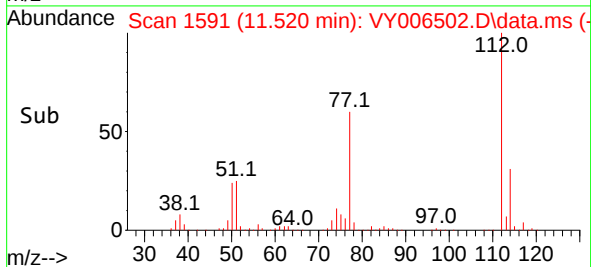
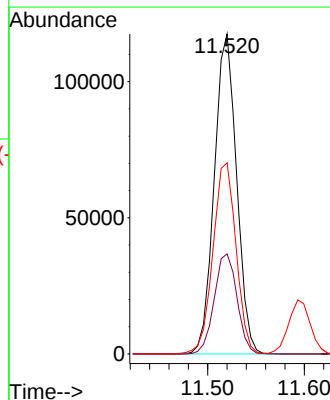
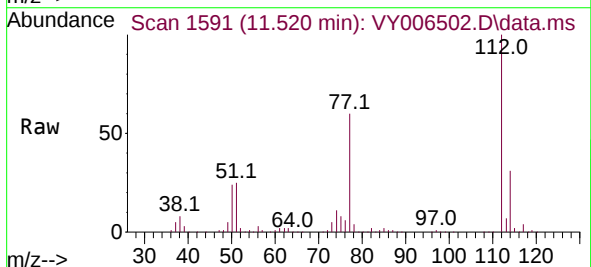
RT: 11.520 min Scan# 1591

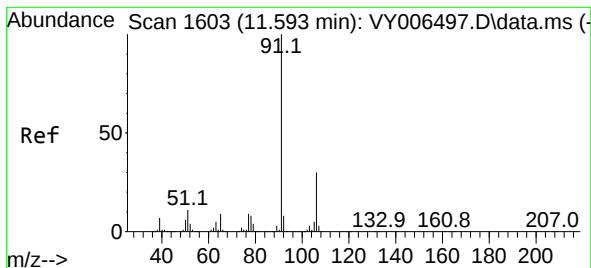
Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion:	112	Resp:	188063
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.3	41.5
77	59.7	46.5	69.7

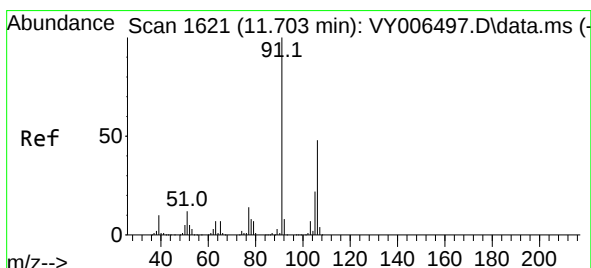
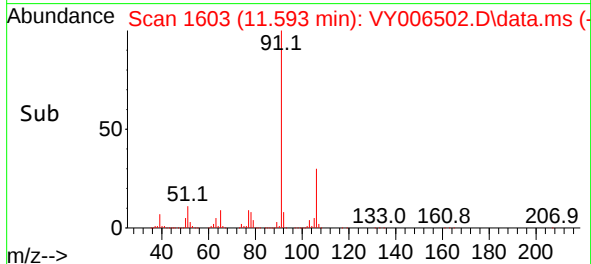
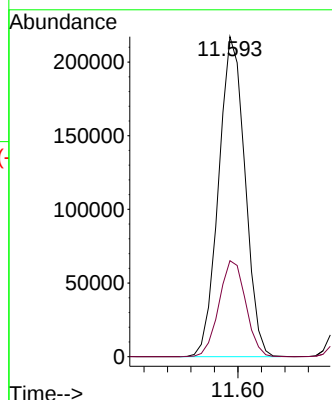
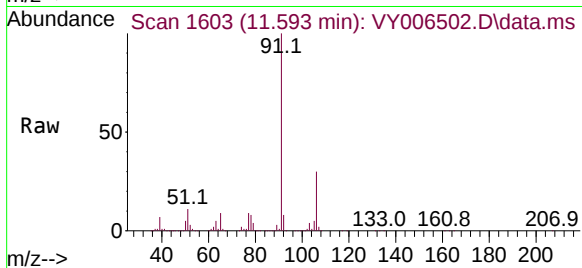




#52
Ethylbenzene
Concen: 24.612 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

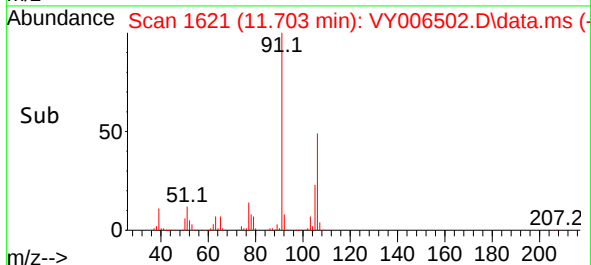
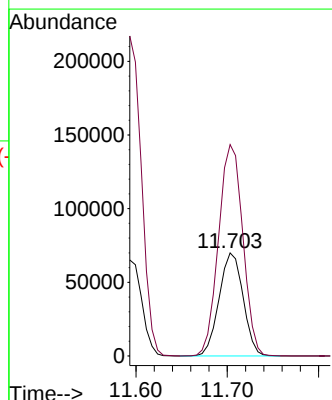
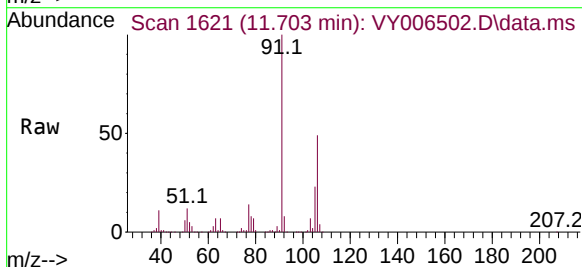
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

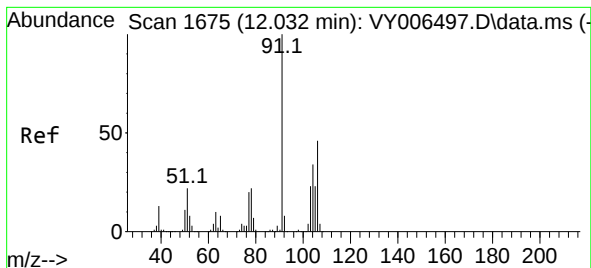
Tgt Ion: 91 Resp: 338787
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 24.229 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion:106 Resp: 127689
Ion Ratio Lower Upper
106 100
91 205.3 145.7 270.5





#54

o-Xylene

Concen: 24.418 ug/L

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion:106 Resp: 123314

Ion Ratio Lower Upper

106 100

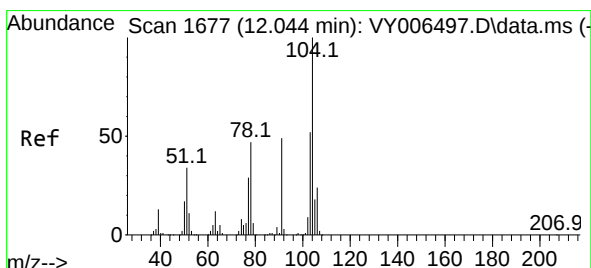
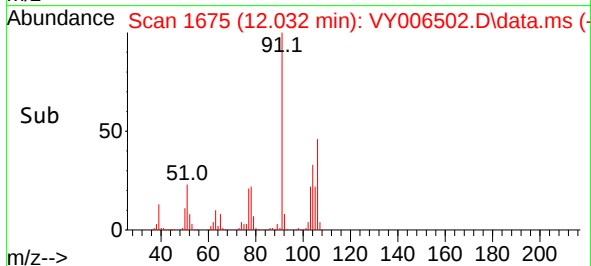
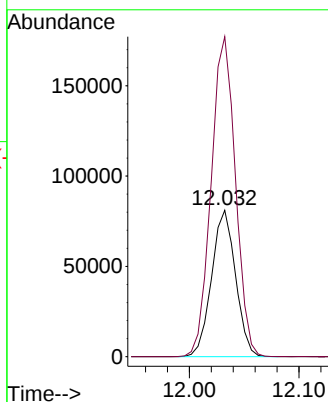
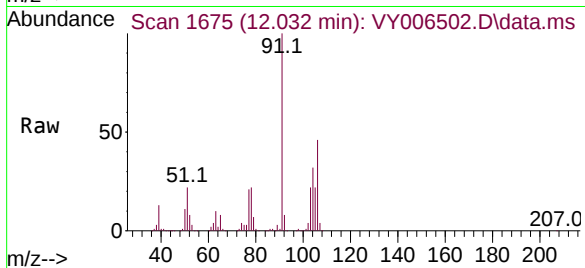
91 218.6 150.6 279.6

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025894



#55

Styrene

Concen: 24.709 ug/L

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY006502.D

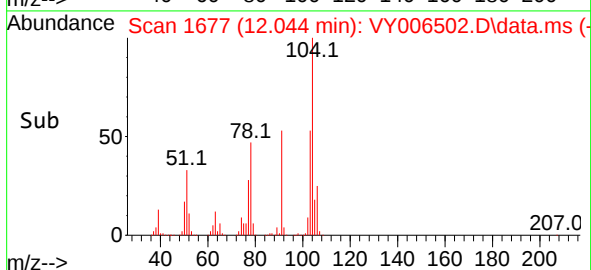
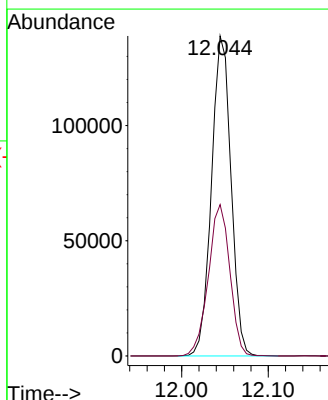
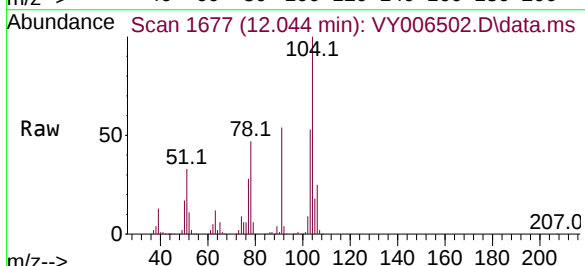
Acq: 27 Oct 2021 17:27

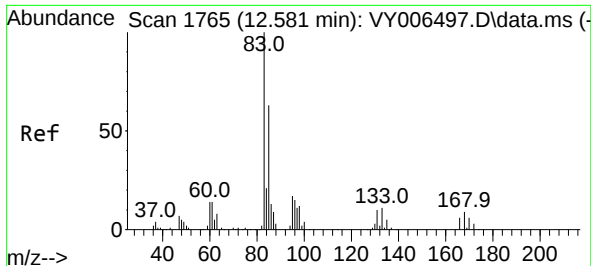
Tgt Ion:104 Resp: 217533

Ion Ratio Lower Upper

104 100

78 47.3 31.8 59.0

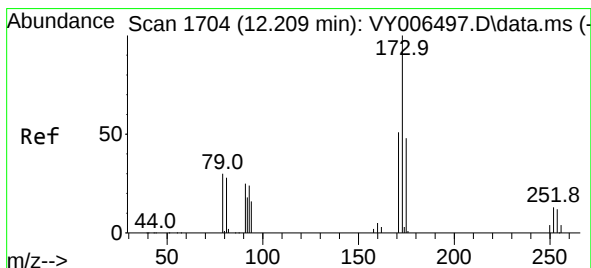
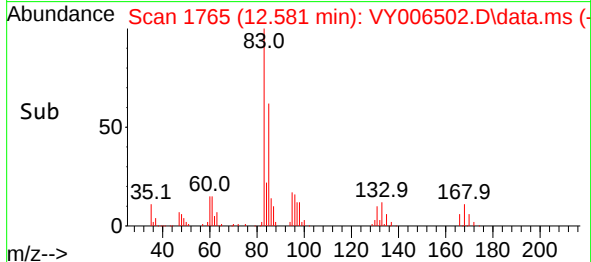
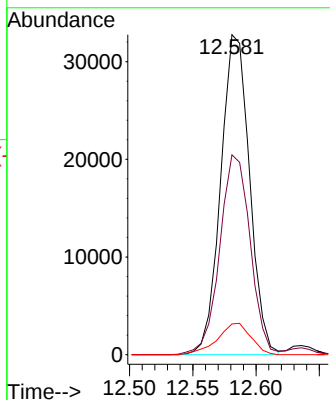
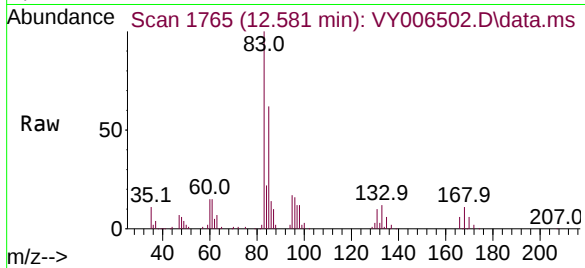




#57
1,1,2,2-Tetrachloroethane
Concen: 22.598 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

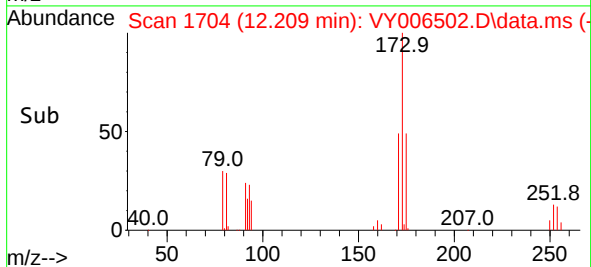
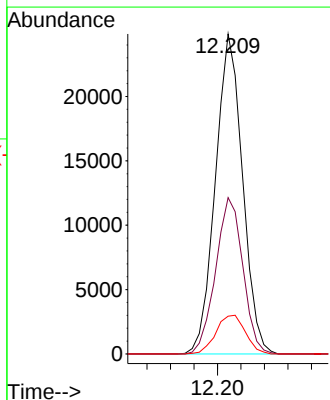
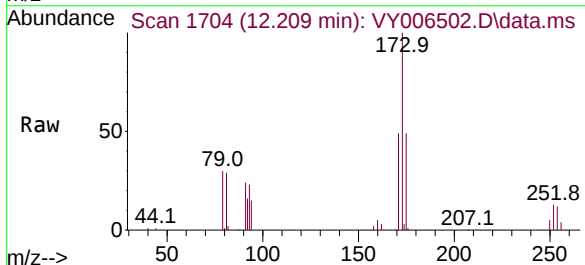
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

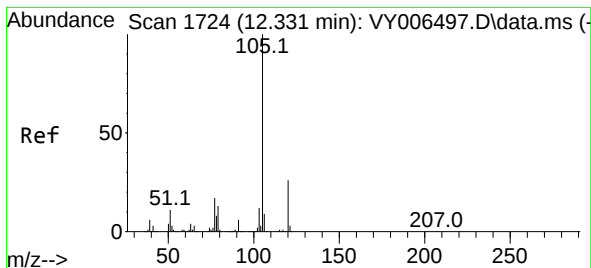
Tgt Ion:	83	Resp:	51986
Ion	Ratio	Lower	Upper
83	100		
85	62.5	45.0	83.6
131	9.6	6.9	10.3



#59
Bromoform
Concen: 23.851 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion:	173	Resp:	39838
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.8	58.2
254	13.1	7.3	10.9





#60

Isopropylbenzene

Concen: 25.684 ug/L

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion:105 Resp: 343171

Ion Ratio Lower Upper

105 100

120 26.4 21.0 31.6

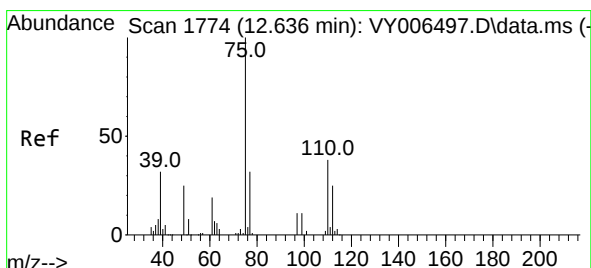
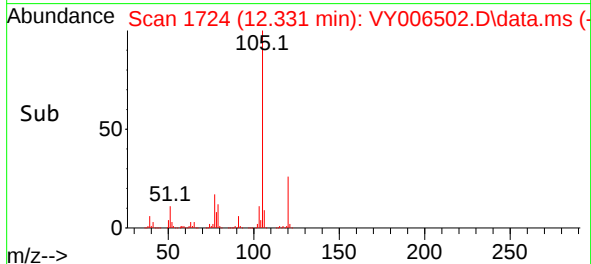
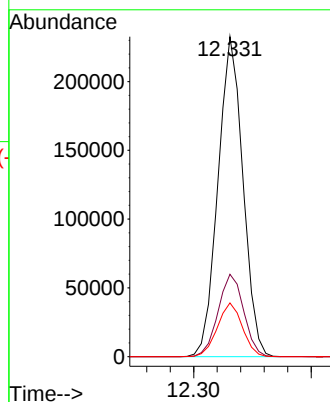
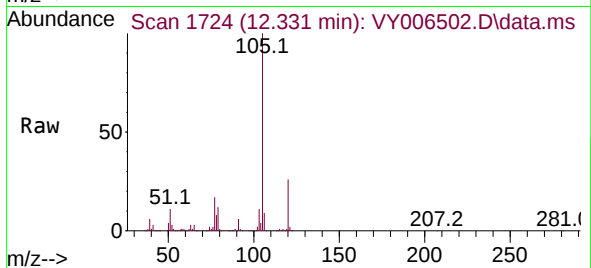
77 16.8 12.7 19.1

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025894



#61

1,2,3-Trichloropropane

Concen: 24.548 ug/L

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

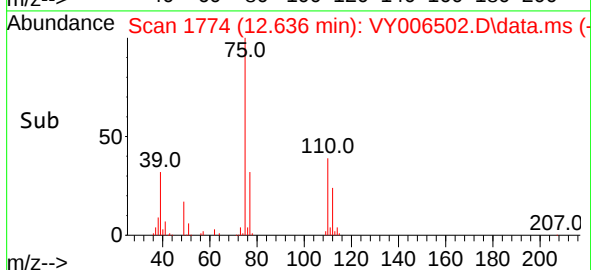
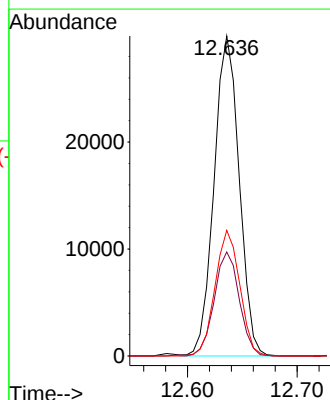
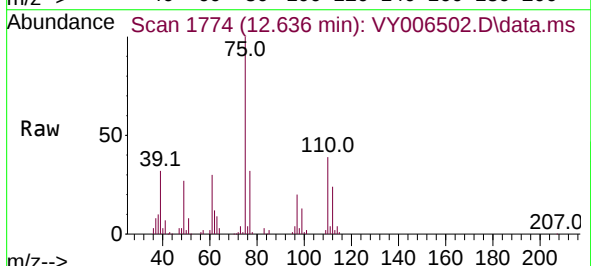
Tgt Ion: 75 Resp: 47666

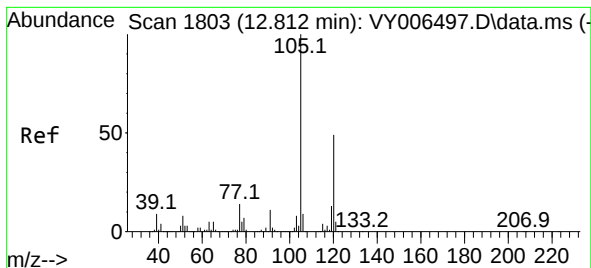
Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

110 38.5 30.8 46.2





#62

1,3,5-Trimethylbenzene

Concen: 25.965 ug/L

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY006502.D

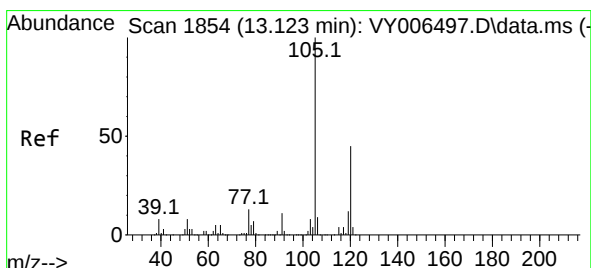
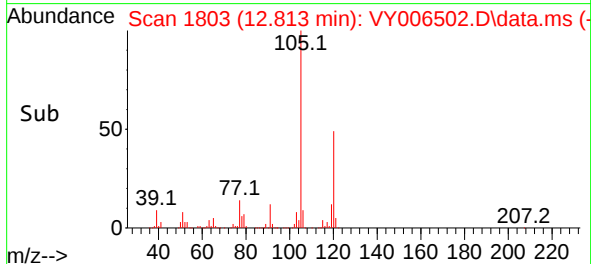
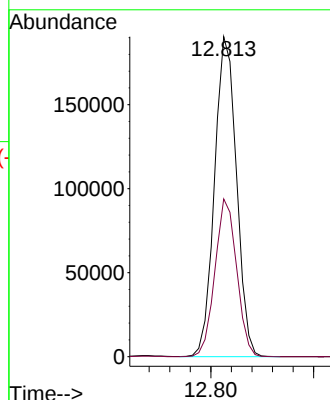
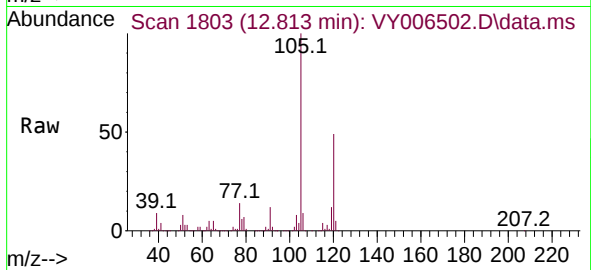
Acq: 27 Oct 2021 17:27

Tgt Ion:105 Resp: 282539

Ion Ratio Lower Upper

105 100

120 48.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 26.064 ug/L

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY006502.D

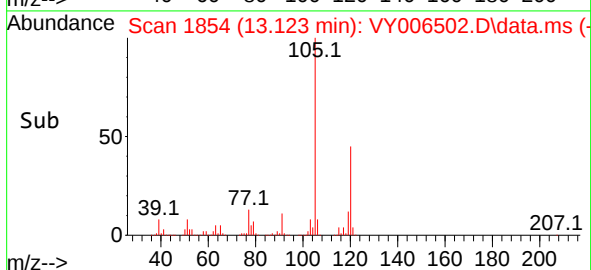
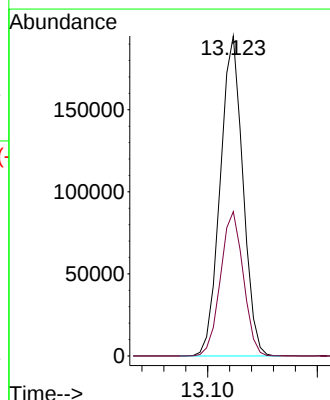
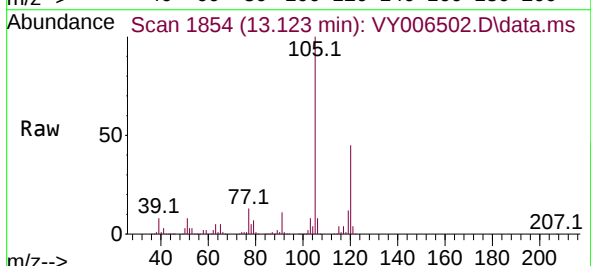
Acq: 27 Oct 2021 17:27

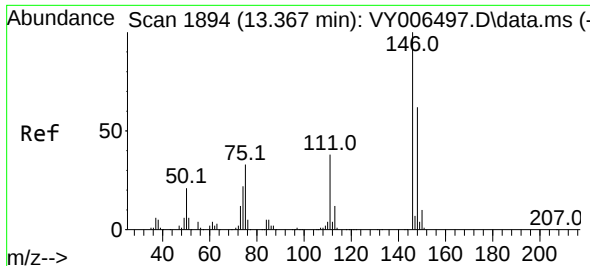
Tgt Ion:105 Resp: 279897

Ion Ratio Lower Upper

105 100

120 45.3 36.2 54.4

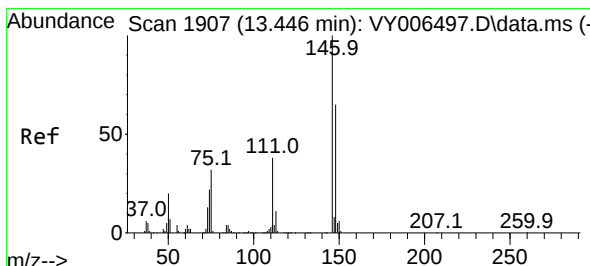
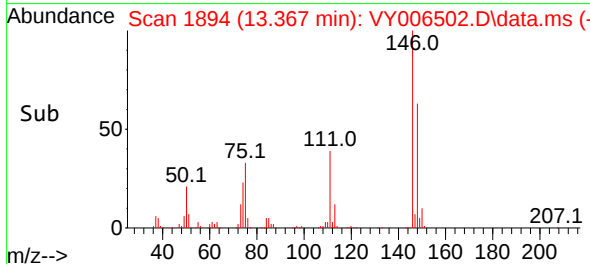
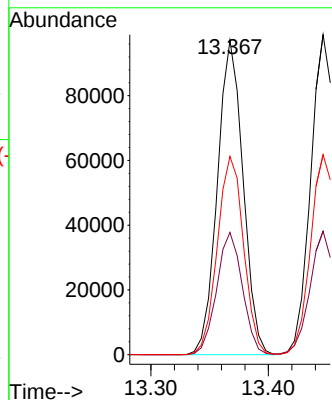
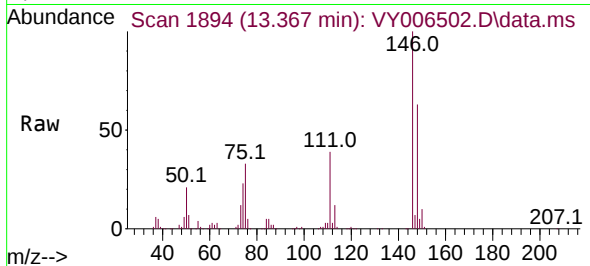




#64
1,3-Dichlorobenzene
Concen: 24.650 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

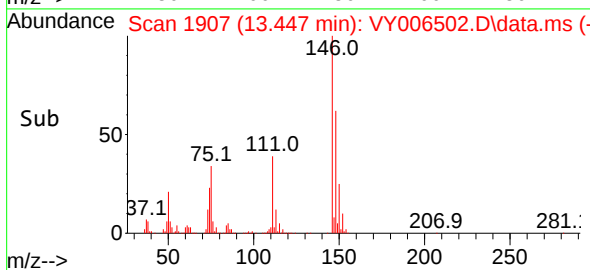
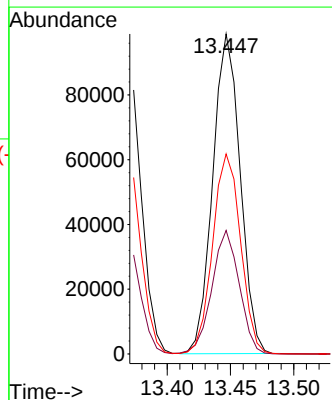
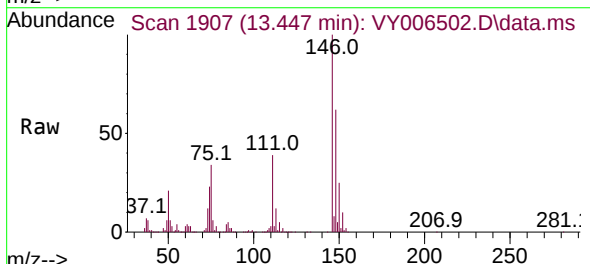
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

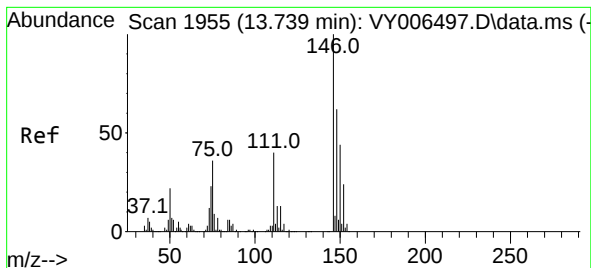
Tgt Ion:146 Resp: 147617
Ion Ratio Lower Upper
146 100
111 38.9 27.4 51.0
148 63.1 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 24.756 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion:146 Resp: 149070
Ion Ratio Lower Upper
146 100
111 38.6 26.4 49.0
148 62.5 44.3 82.3

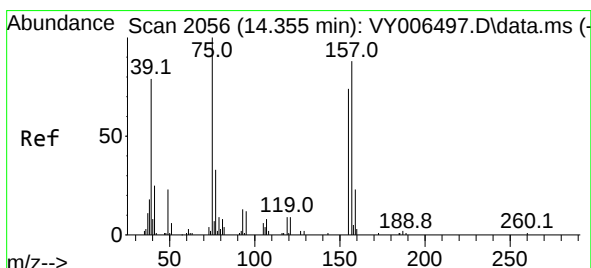
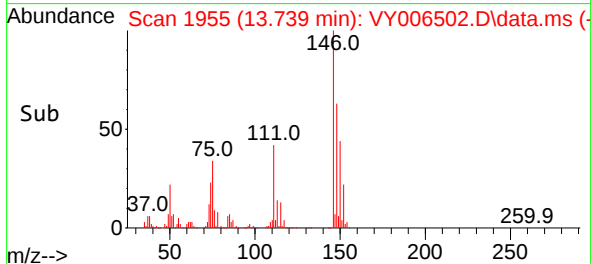
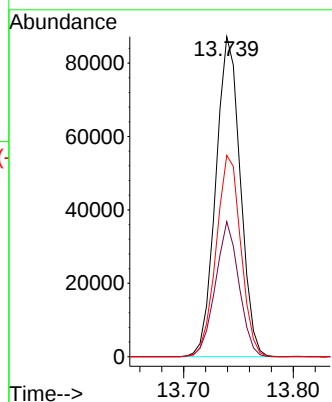
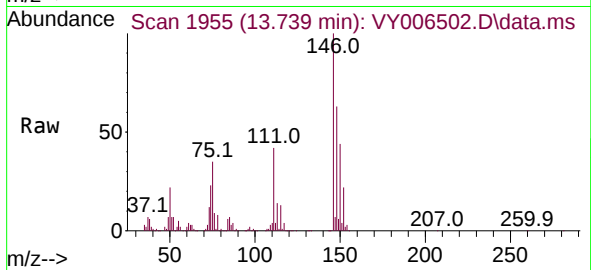




#67
1,2-Dichlorobenzene
Concen: 24.905 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

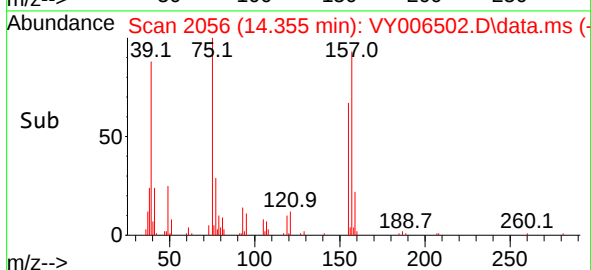
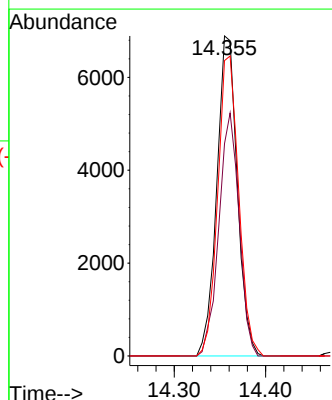
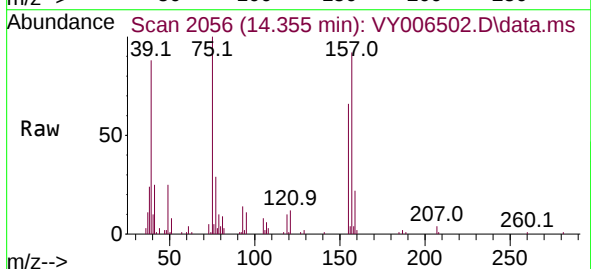
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

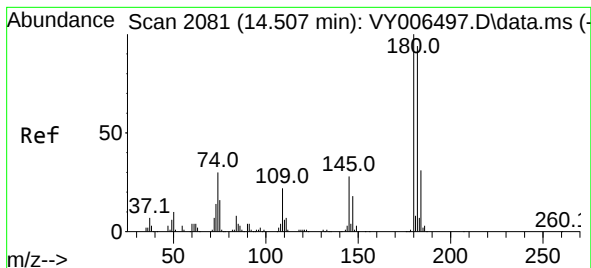
Tgt Ion:146 Resp: 135533
Ion Ratio Lower Upper
146 100
111 42.2 33.9 50.9
148 62.9 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.012 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion: 75 Resp: 10766
Ion Ratio Lower Upper
75 100
155 66.3 64.5 96.7
157 92.3 77.4 116.2





#69

1,3,5-Trichlorobenzene

Concen: 25.153 ug/L

RT: 14.507 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

Tgt Ion:180 Resp: 106522

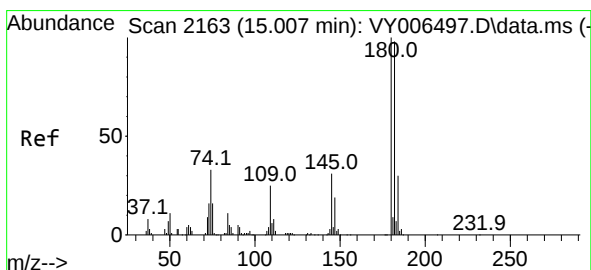
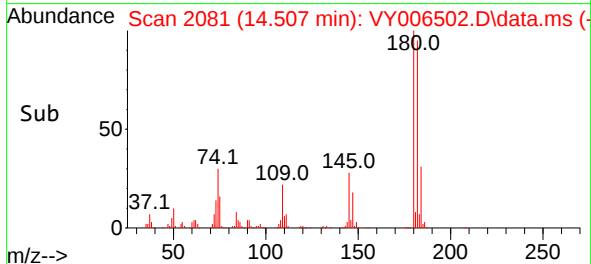
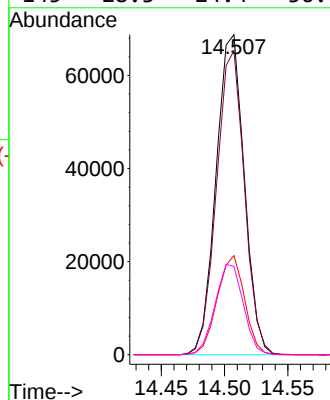
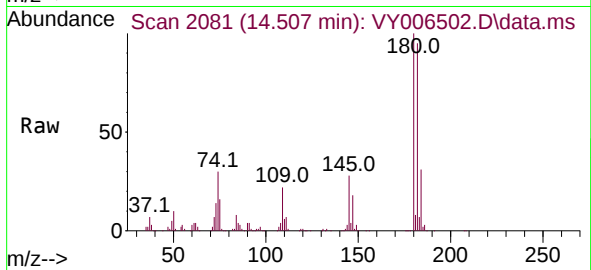
Ion Ratio Lower Upper

180 100

182 93.8 76.1 114.1

184 30.0 24.6 36.8

145 28.3 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 24.832 ug/L

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY006502.D

Acq: 27 Oct 2021 17:27

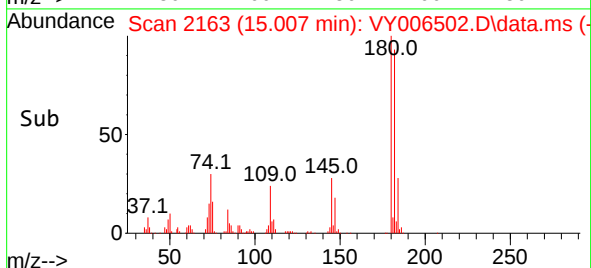
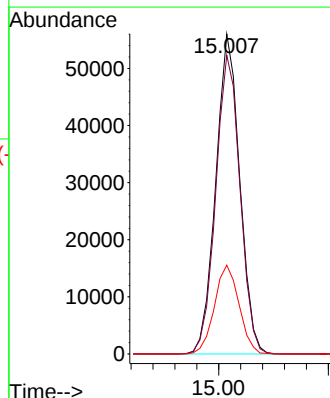
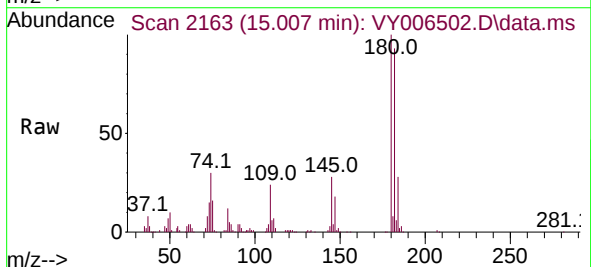
Tgt Ion:180 Resp: 85025

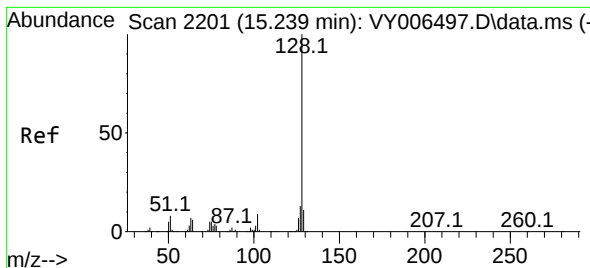
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

145 28.4 25.0 37.6

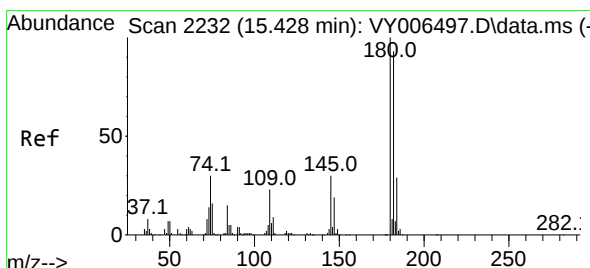
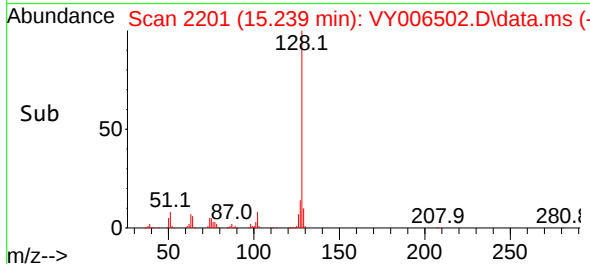
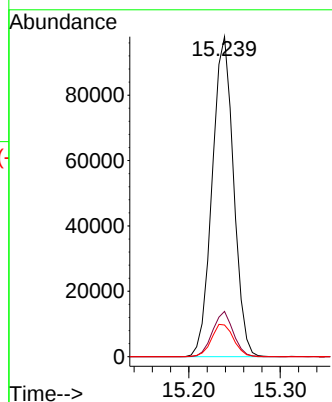
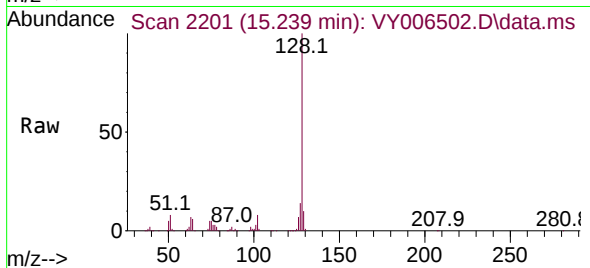




#71
Naphthalene
Concen: 23.755 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025894

Tgt Ion:128 Resp: 158884
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 10.5 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 24.542 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006502.D
Acq: 27 Oct 2021 17:27

Tgt Ion:180 Resp: 73009
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
145 30.9 25.8 38.8

