

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052421\
 Data File : VY004863.D
 Acq On : 24 May 2021 10:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025144

Quant Time: May 25 01:11:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 22 00:36:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.691	114	333149	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	297072	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	139920	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	122525	22.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.28%
7) Chloroethane-d5	2.765	69	94211	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	3.863	63	228239	24.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.60%
21) 2-Butanone-d5	6.899	46	112702	50.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.08%
24) Chloroform-d	7.484	84	211911	24.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	8.149	65	131534	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.68%
32) Benzene-d6	8.112	84	454427	25.54	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.16%
36) 1,2-Dichloropropane-d6	9.124	67	143571	24.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.48%
41) Toluene-d8	10.179	98	408964	25.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.28%
43) trans-1,3-Dichloroprop...	10.441	79	69596	25.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.36%
47) 2-Hexanone-d5	10.794	63	82836	52.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.08%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	128582	25.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.08%
66) 1,2-Dichlorobenzene-d4	13.727	152	120337	23.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	113484	25.54	ug/L	99
3) Chloromethane	2.119	50	139755	25.67	ug/L	97
5) Vinyl chloride	2.259	62	140222	24.10	ug/L	99
6) Bromomethane	2.656	94	62930	27.54	ug/L	97
8) Chloroethane	2.802	64	83803	24.73	ug/L	99
9) Trichlorofluoromethane	3.131	101	189873	25.53	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	117889	26.68	ug/L	99
12) 1,1-Dichloroethene	3.875	96	107727	26.17	ug/L	87
13) Acetone	3.954	43	55019	41.34	ug/L	97
14) Carbon disulfide	4.198	76	351394	26.54	ug/L	97
15) Methyl Acetate	4.485	43	94569	25.48	ug/L	100
16) Methylene chloride	4.728	84	125600	21.97	ug/L	96
17) trans-1,2-Dichloroethene	5.228	96	116621	26.13	ug/L	95
18) Methyl tert-butyl Ether	5.228	73	331418	25.85	ug/L	99
19) 1,1-Dichloroethane	6.021	63	221638	26.03	ug/L	98
20) cis-1,2-Dichloroethene	6.990	96	123540	25.73	ug/L	99
22) 2-Butanone	6.996	43	112467	48.81	ug/L	99
23) Bromochloromethane	7.344	128	58758	25.96	ug/L	94
25) Chloroform	7.515	83	225885	25.89	ug/L	99

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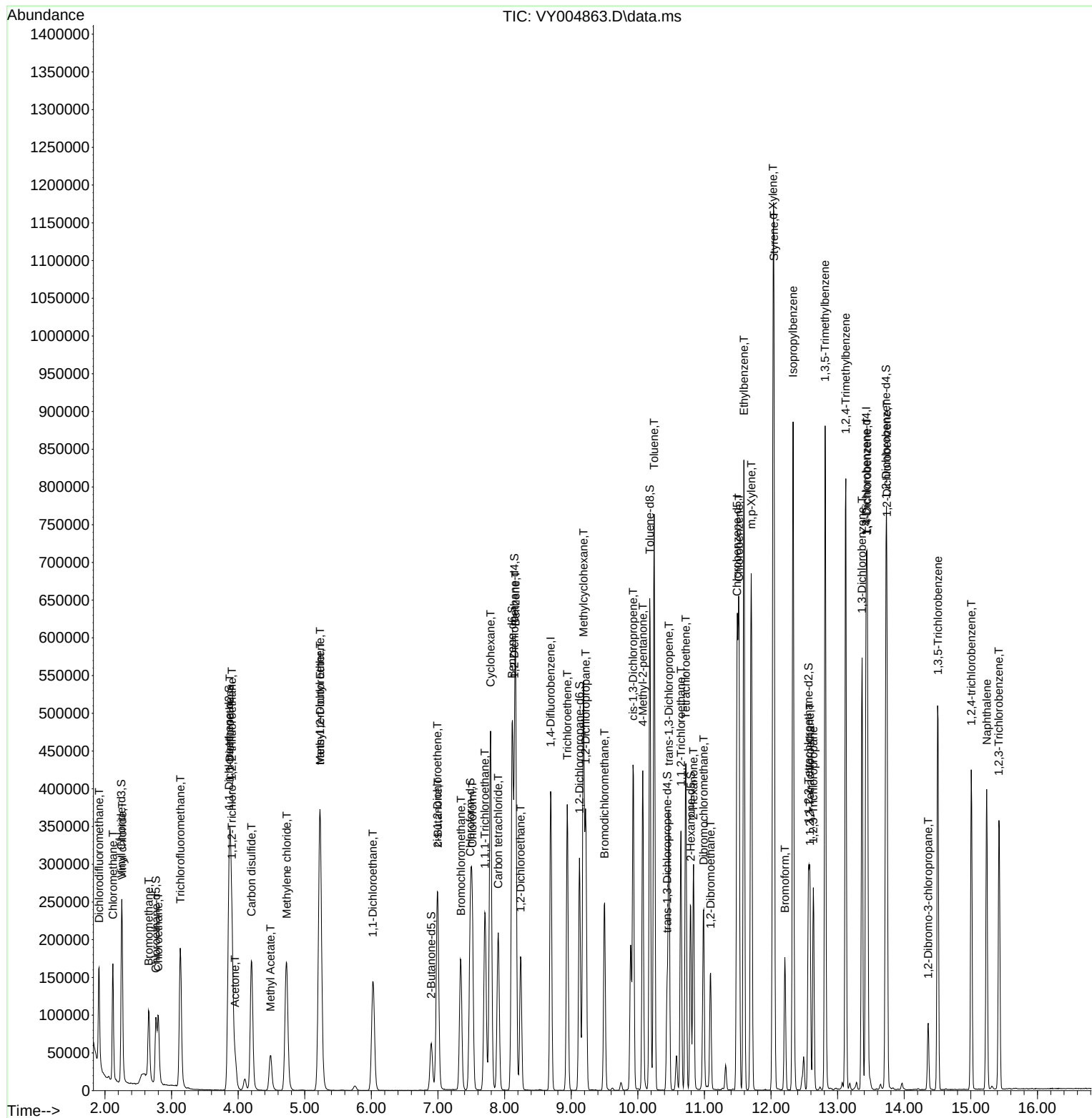
Instrument :
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 ClientSampleId :
 VSTD025144

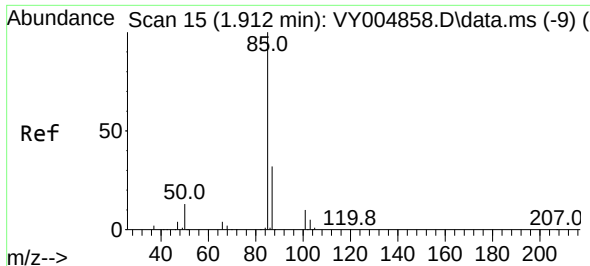
Quant Time: May 25 01:11:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 22 00:36:54 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	155867	25.87	ug/L	99
29) Cyclohexane	7.789	56	209535	27.20	ug/L	99
30) 1,1,1-Trichloroethane	7.704	97	191693	27.39	ug/L	99
31) Carbon tetrachloride	7.905	117	154429	27.99	ug/L	99
33) Benzene	8.167	78	496205	27.07	ug/L	100
34) Trichloroethene	8.941	95	124452	26.87	ug/L	97
35) Methylcyclohexane	9.185	83	211078	27.12	ug/L	99
37) 1,2-Dichloropropane	9.215	63	130609	26.69	ug/L	100
38) Bromodichloromethane	9.502	83	162464	26.95	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	206350	27.18	ug/L	99
40) 4-Methyl-2-pentanone	10.075	43	276123	52.96	ug/L	99
42) Toluene	10.246	91	520425	26.85	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	186226	26.41	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	100747	26.52	ug/L	98
46) Tetrachloroethene	10.721	164	90384	25.90	ug/L	95
48) 2-Hexanone	10.837	43	191793	54.50	ug/L	100
49) Dibromochloromethane	10.990	129	115593	27.00	ug/L	100
50) 1,2-Dibromoethane	11.093	107	98498	26.82	ug/L	98
51) Chlorobenzene	11.520	112	311917	26.02	ug/L	100
52) Ethylbenzene	11.593	91	558484	26.71	ug/L	99
53) m,p-Xylene	11.703	106	206436	26.65	ug/L	98
54) o-Xylene	12.032	106	197708	26.76	ug/L	97
55) Styrene	12.044	104	346409	27.22	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.587	83	124128	26.76	ug/L	99
59) Bromoform	12.209	173	72307	27.10	ug/L	100
60) Isopropylbenzene	12.331	105	537120	27.30	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	100543	26.42	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	435494	27.53	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	417089	26.42	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	215348	25.70	ug/L	100
65) 1,4-Dichlorobenzene	13.446	146	216854	25.55	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	198623	25.56	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.361	75	20732	23.95	ug/L	94
69) 1,3,5-Trichlorobenzene	14.507	180	145510	25.81	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	121836	25.82	ug/L	99
71) Naphthalene	15.239	128	312036	26.25	ug/L	100
72) 1,2,3-Trichlorobenzene	15.422	180	110510	25.79	ug/L	100

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

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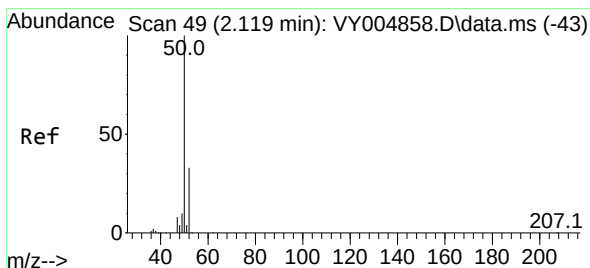
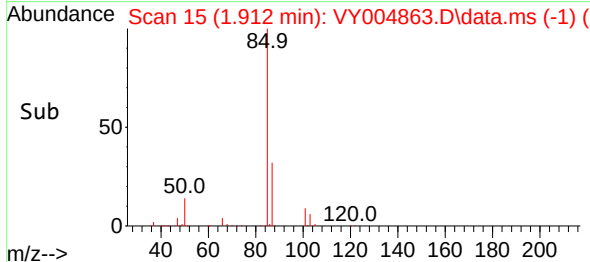
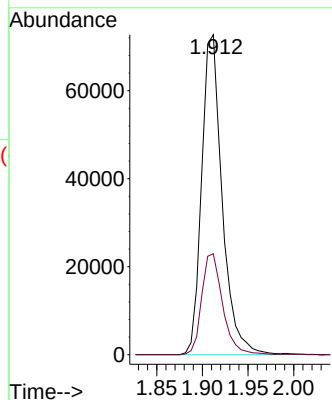
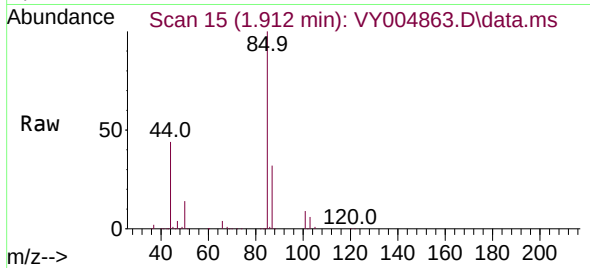




#2
Dichlorodifluoromethane
Concen: 25.54 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

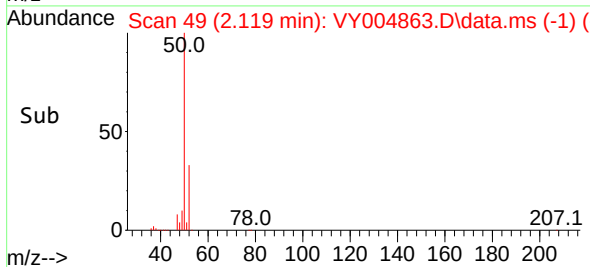
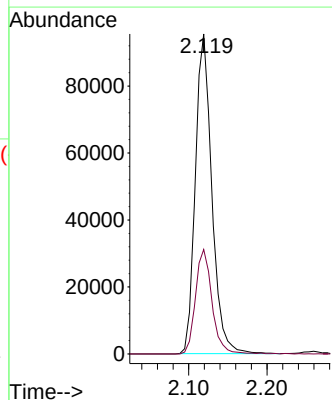
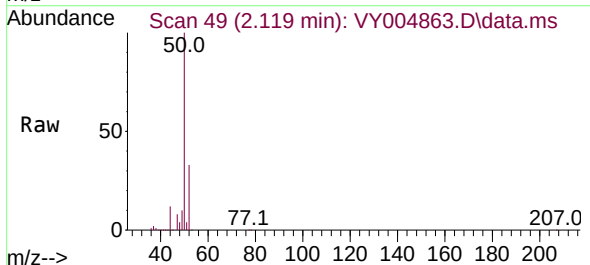
Instrument :
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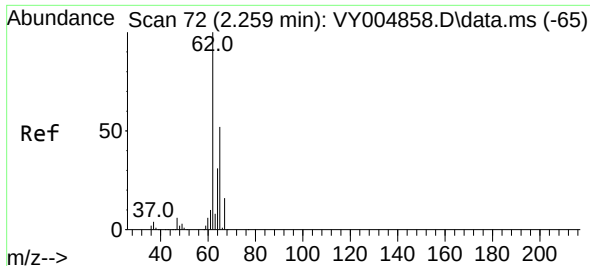
Tgt Ion: 85 Resp: 113484
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.2



#3
Chloromethane
Concen: 25.67 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 50 Resp: 139755
Ion Ratio Lower Upper
50 100
52 32.7 21.8 40.4

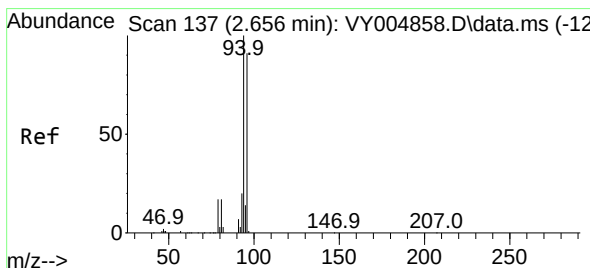
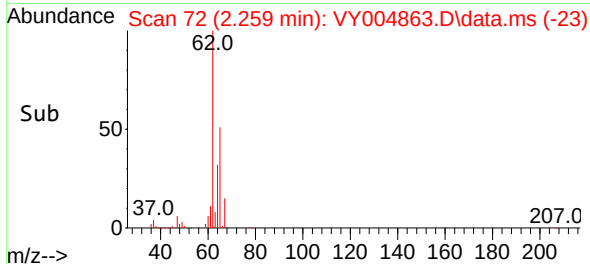
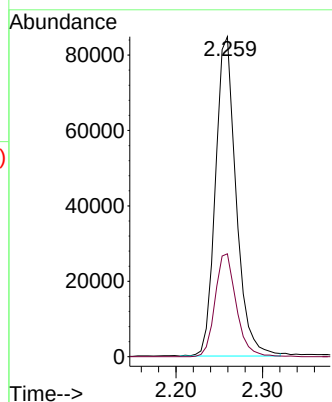
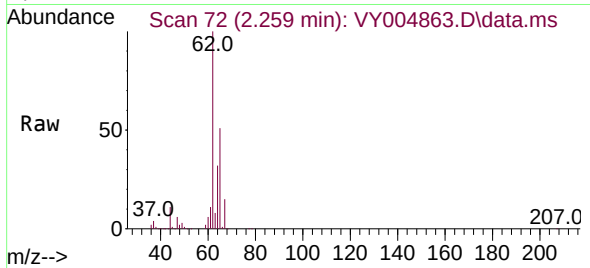




#5
 Vinyl chloride
 Concen: 24.10 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY004863.D
 Acq: 24 May 2021 10:31

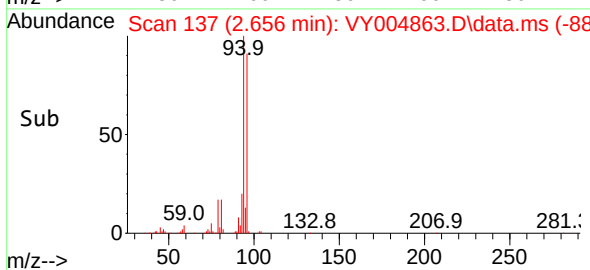
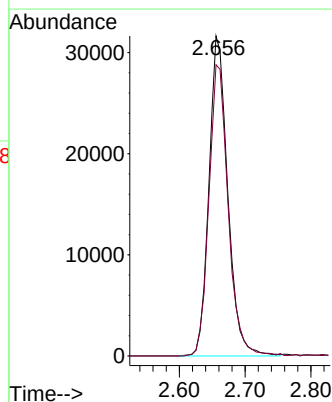
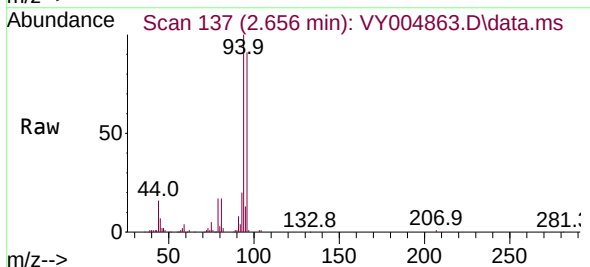
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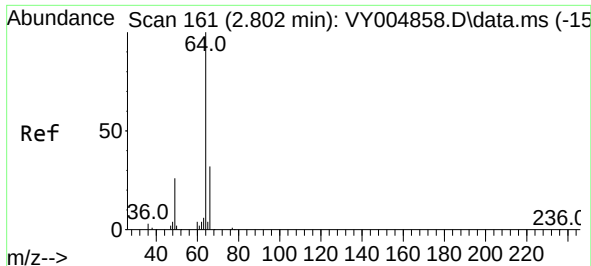
Tgt Ion: 62 Resp: 140222
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.8 42.4



#6
 Bromomethane
 Concen: 27.54 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VY004863.D
 Acq: 24 May 2021 10:31

Tgt Ion: 94 Resp: 62930
 Ion Ratio Lower Upper
 94 100
 96 91.0 65.9 122.5

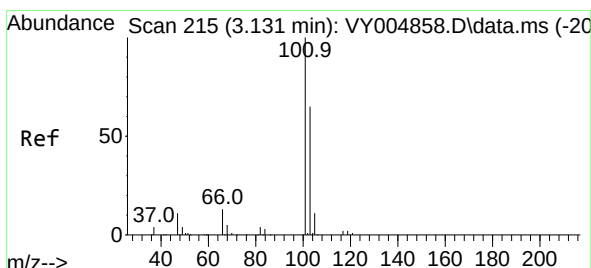
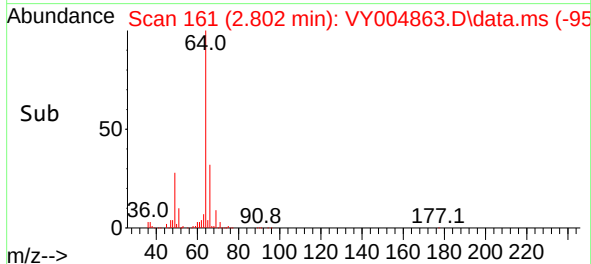
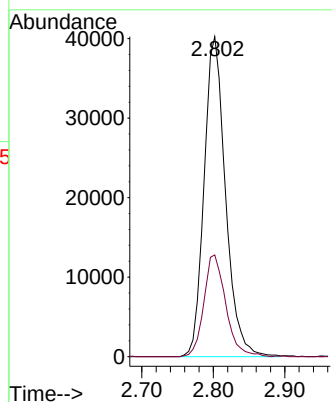
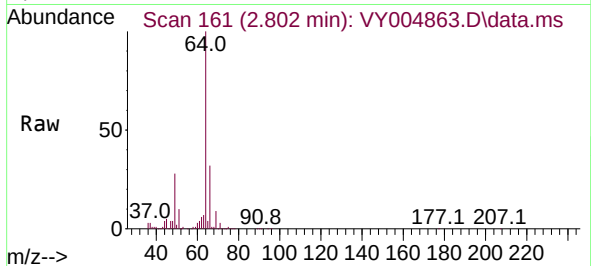




#8
Chloroethane
Concen: 24.73 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

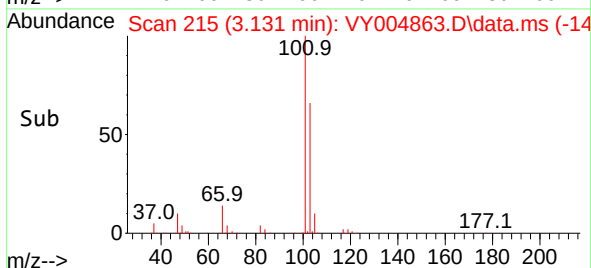
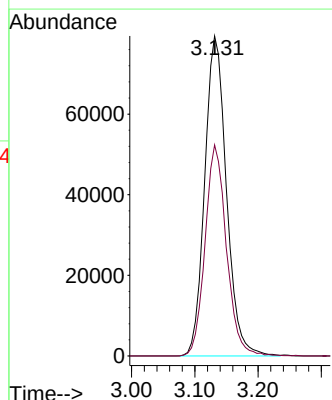
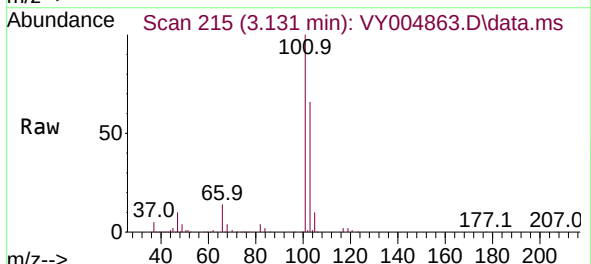
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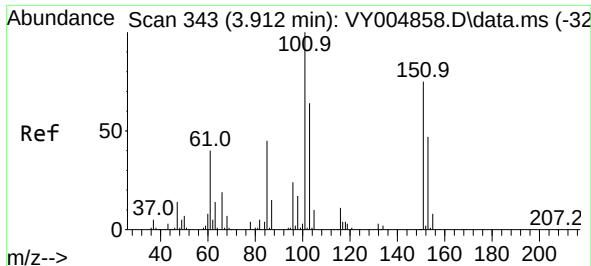
Tgt Ion: 64 Resp: 83803
Ion Ratio Lower Upper
64 100
66 31.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 25.53 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:101 Resp: 189873
Ion Ratio Lower Upper
101 100
103 64.8 51.4 77.2

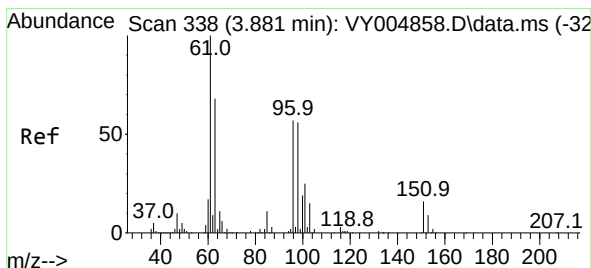
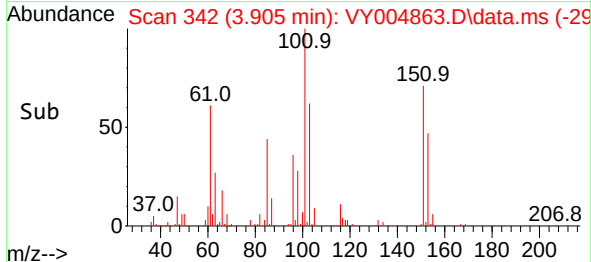
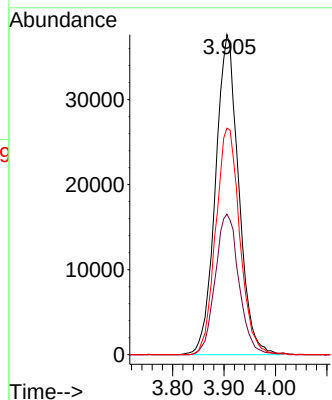
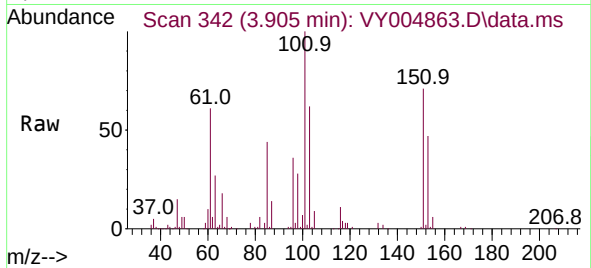




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.68 ug/L
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

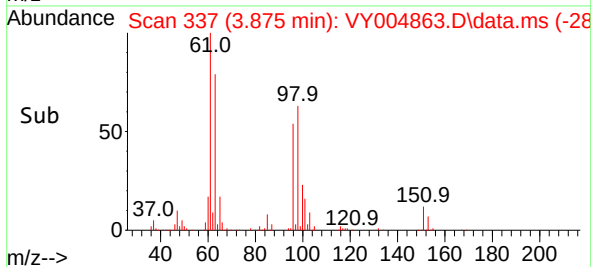
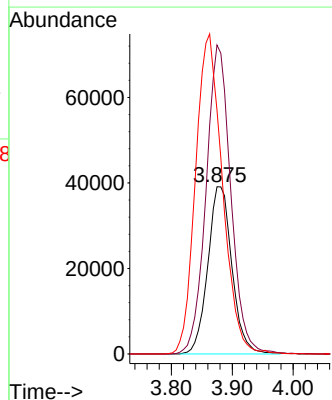
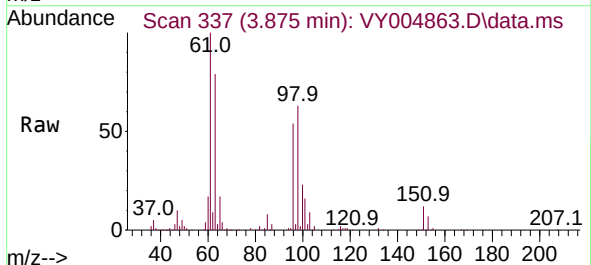
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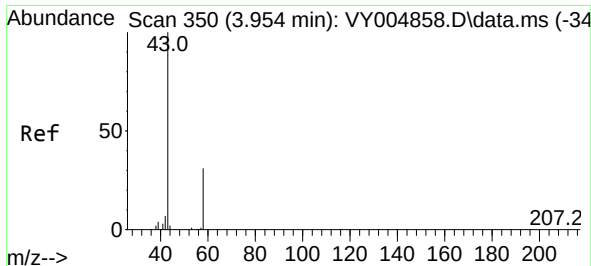
Tgt Ion:101 Resp: 117889
Ion Ratio Lower Upper
101 100
85 45.0 36.6 54.8
151 73.4 59.0 88.4



#12
1,1-Dichloroethene
Concen: 26.17 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 96 Resp: 107727
Ion Ratio Lower Upper
96 100
61 184.9 121.2 225.2
63 145.8 86.9 161.3

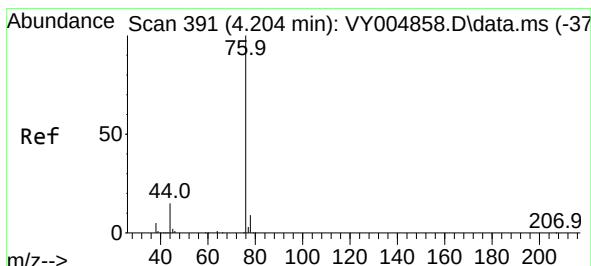
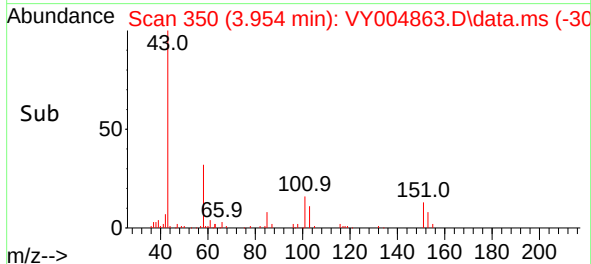
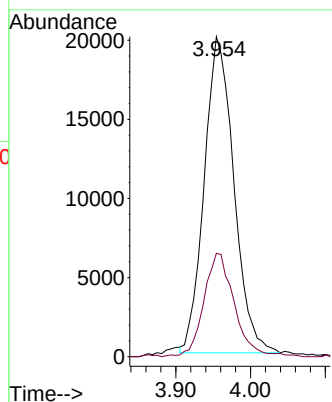
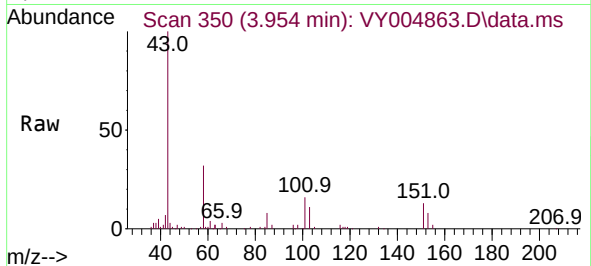




#13
Acetone
Concen: 41.34 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

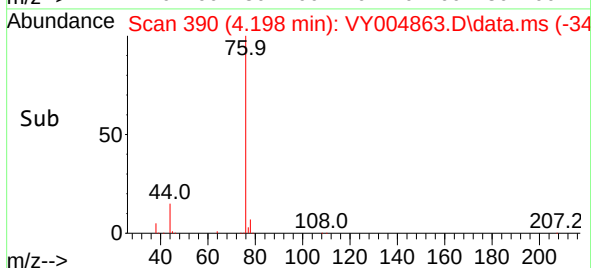
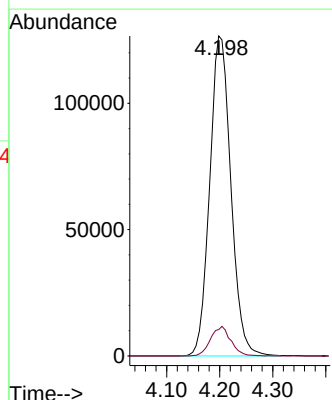
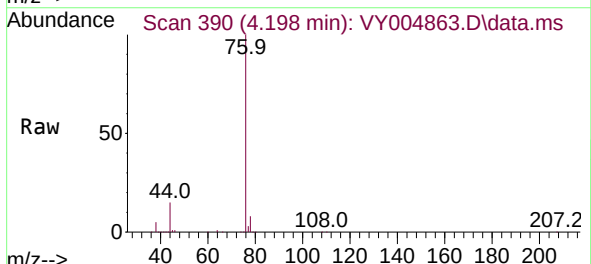
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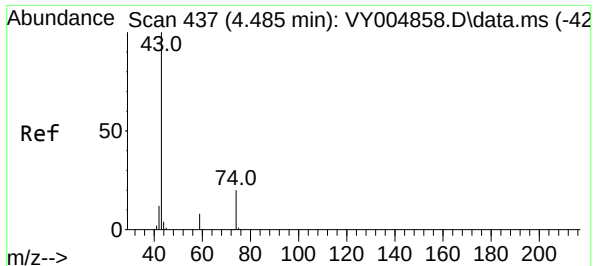
Tgt Ion: 43 Resp: 55019
Ion Ratio Lower Upper
43 100
58 32.1 0.0 61.0



#14
Carbon disulfide
Concen: 26.54 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 76 Resp: 351394
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

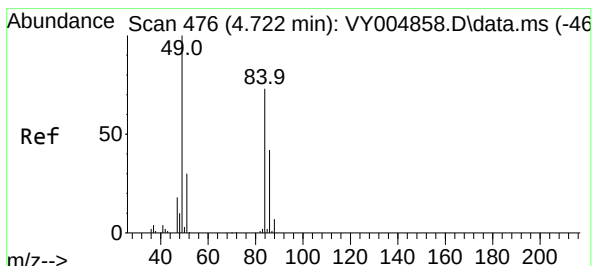
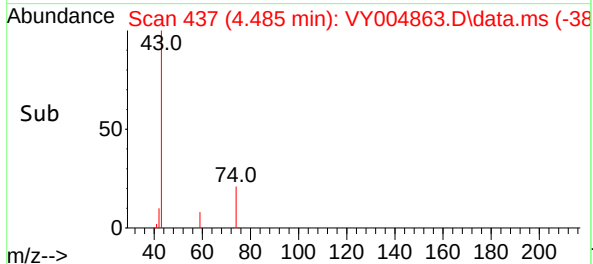
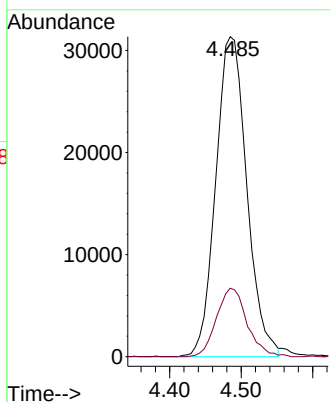
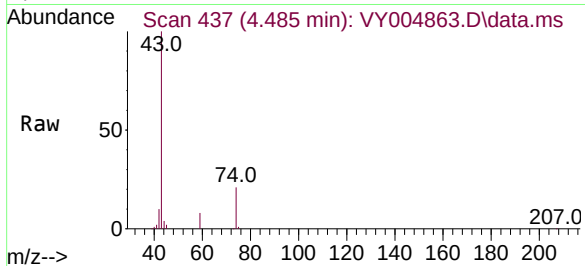




#15
Methyl Acetate
Concen: 25.48 ug/L
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

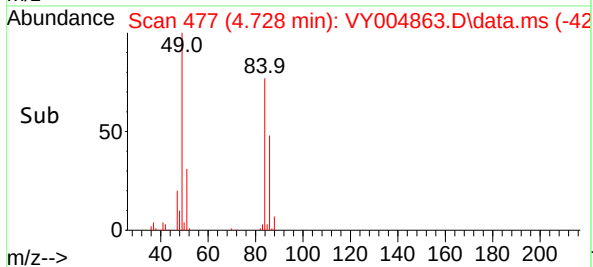
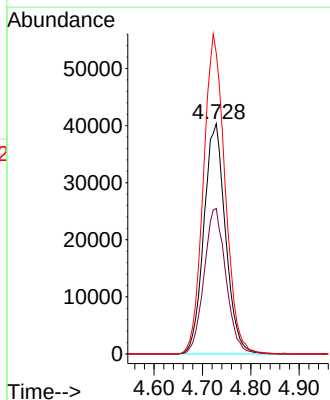
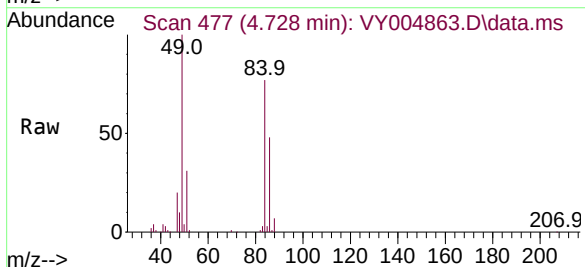
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

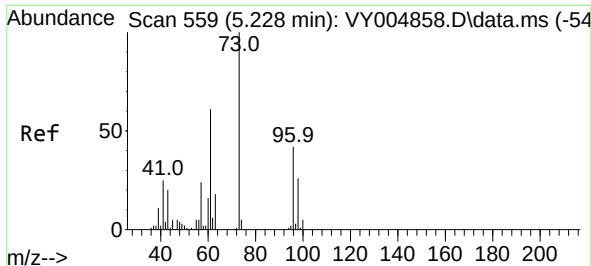
Tgt Ion: 43 Resp: 94569
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1



#16
Methylene chloride
Concen: 21.97 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 84 Resp: 125600
Ion Ratio Lower Upper
84 100
86 63.2 43.2 80.2
49 130.6 96.0 178.4

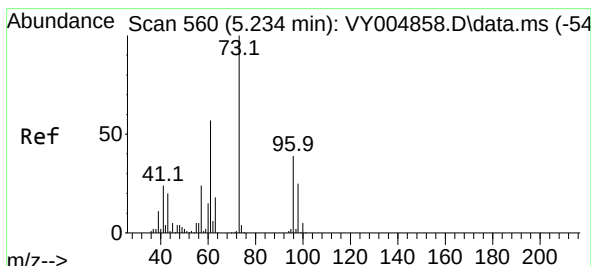
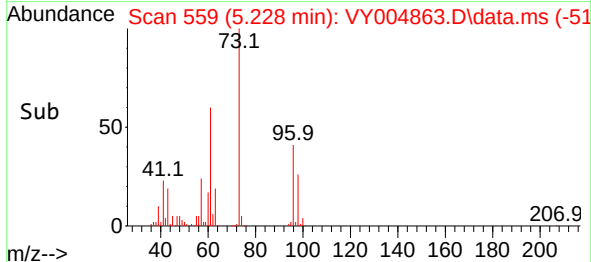
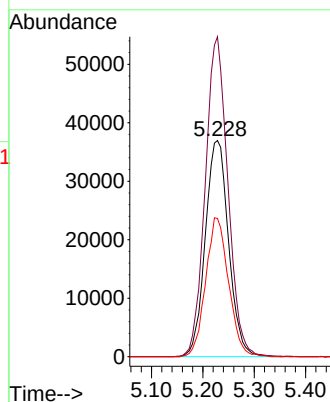
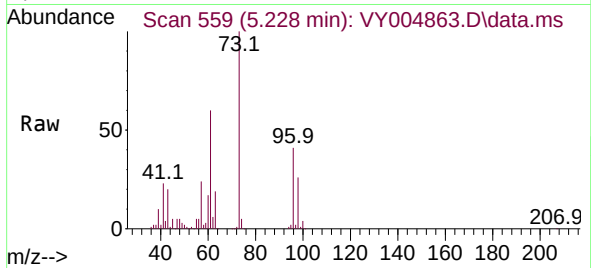




#17
trans-1,2-Dichloroethene
Concen: 26.13 ug/L
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

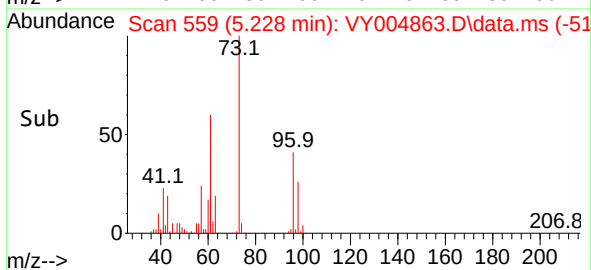
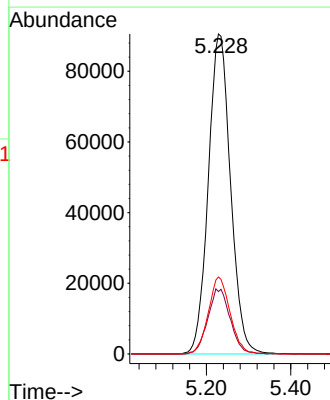
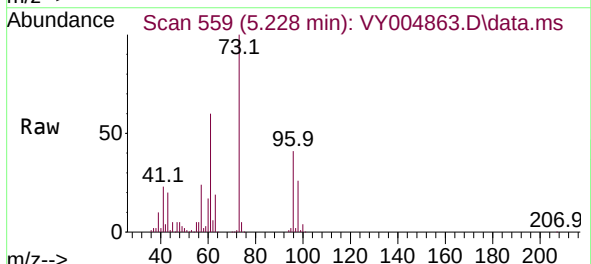
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

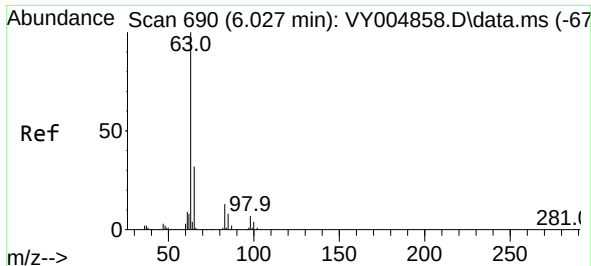
Tgt Ion: 96 Resp: 116621
Ion Ratio Lower Upper
96 100
61 148.0 97.6 181.2
98 63.9 44.8 83.2



#18
Methyl tert-butyl Ether
Concen: 25.85 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 73 Resp: 331418
Ion Ratio Lower Upper
73 100
43 20.4 16.8 25.2
57 23.5 18.7 28.1





#19

1,1-Dichloroethane

Concen: 26.03 ug/L

RT: 6.021 min Scan# 689

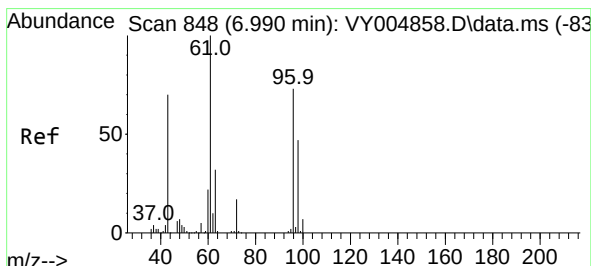
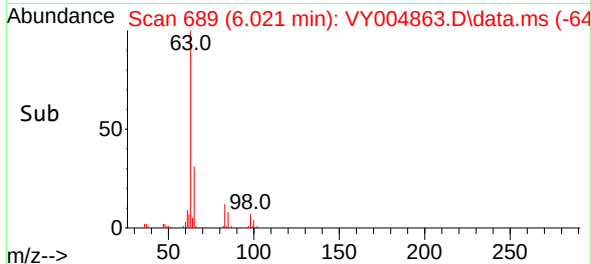
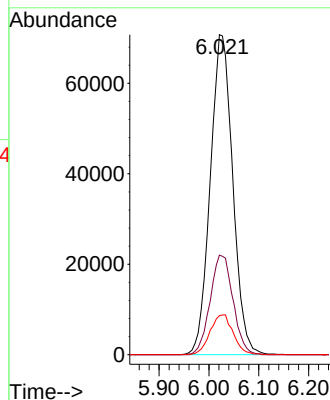
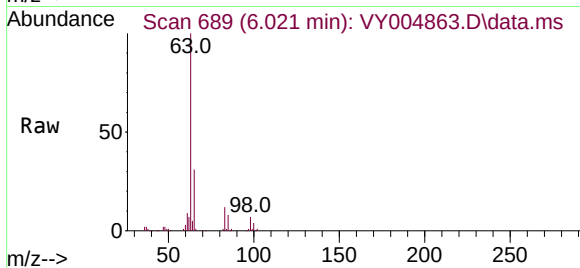
Delta R.T. -0.006 min

Lab File: VY004863.D

Acq: 24 May 2021 10:31

Tgt Ion: 63 Resp: 221638

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.4	41.6
83	12.2	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 25.73 ug/L

RT: 6.990 min Scan# 848

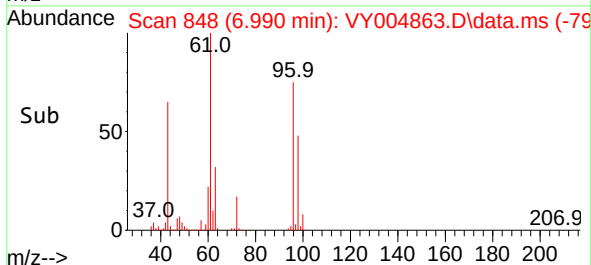
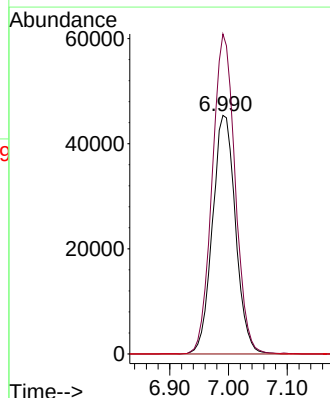
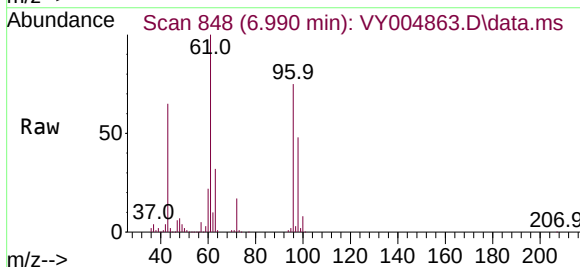
Delta R.T. 0.000 min

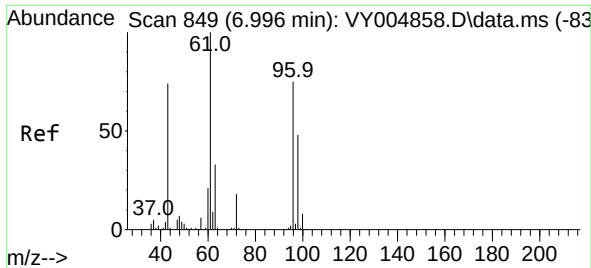
Lab File: VY004863.D

Acq: 24 May 2021 10:31

Tgt Ion: 96 Resp: 123540

Ion	Ratio	Lower	Upper
96	100		
61	134.2	94.8	176.2
68	0.0	0.0	0.0

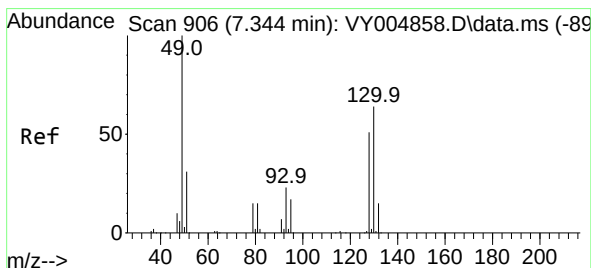
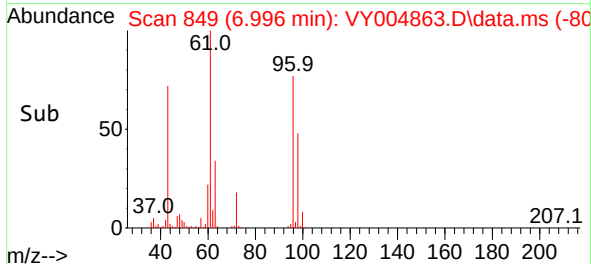
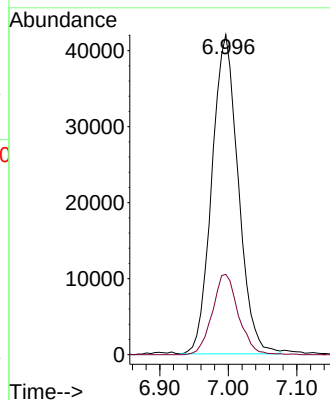
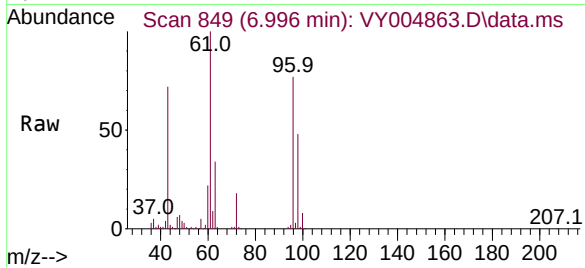




#22
2-Butanone
Concen: 48.81 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

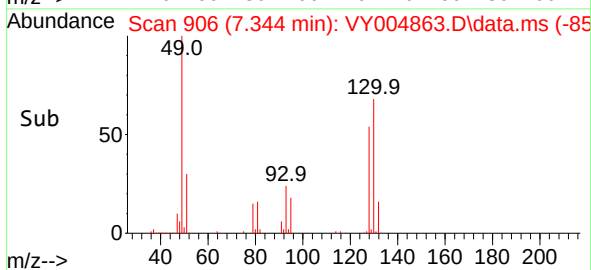
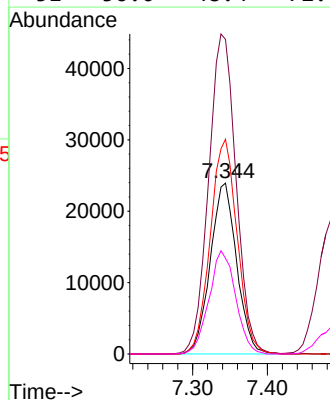
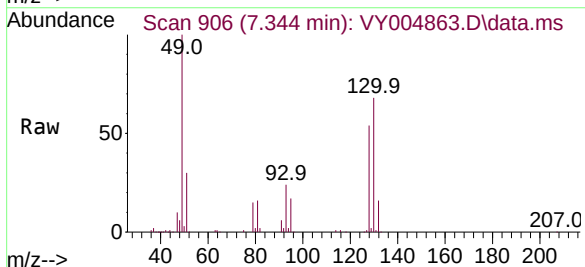
Instrument :
MSVOA_Y
ClientSampled :
VSTD025144

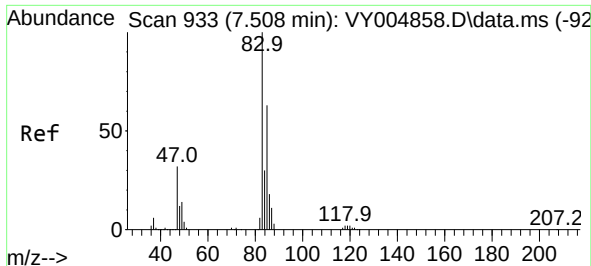
Tgt Ion: 43 Resp: 112467
Ion Ratio Lower Upper
43 100
72 24.8 12.2 36.6



#23
Bromochloromethane
Concen: 25.96 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:128 Resp: 58758
Ion Ratio Lower Upper
128 100
49 184.1 138.9 258.1
130 125.7 88.3 164.1
51 56.0 48.4 72.6

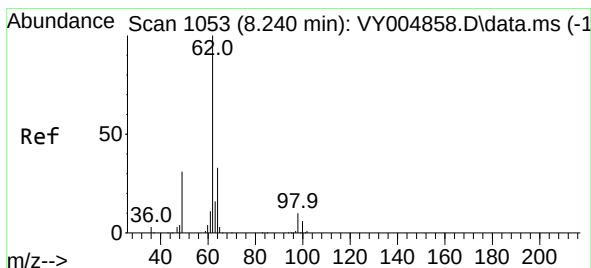
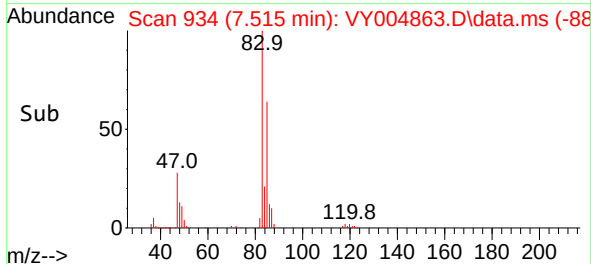
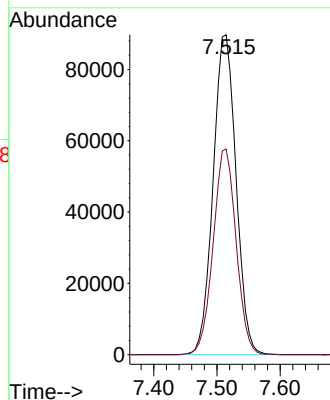
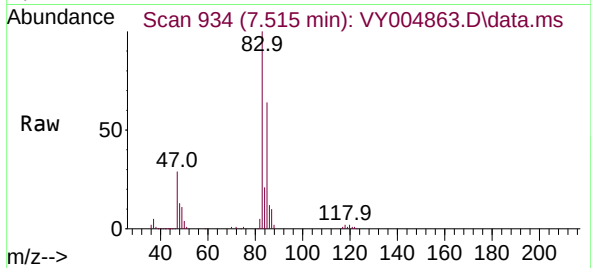




#25
Chloroform
Concen: 25.89 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

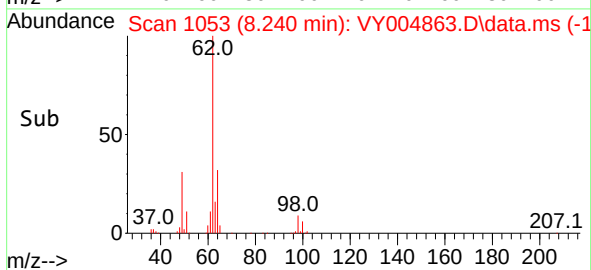
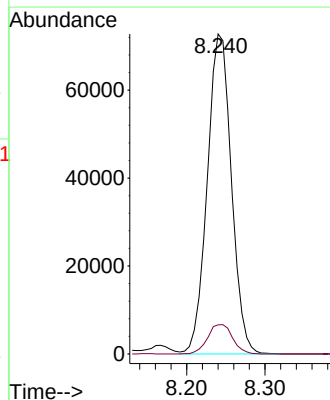
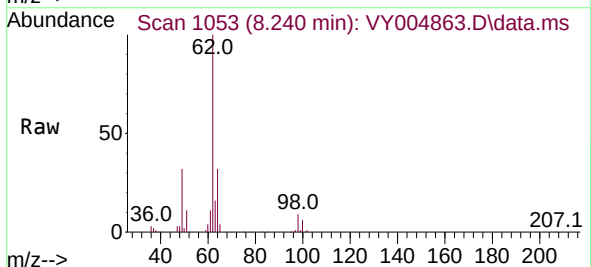
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

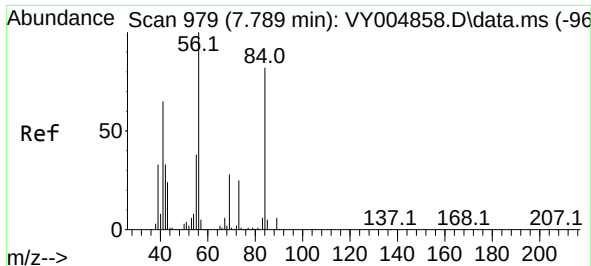
Tgt Ion: 83 Resp: 225885
Ion Ratio Lower Upper
83 100
85 64.3 45.4 84.4



#27
1,2-Dichloroethane
Concen: 25.87 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 62 Resp: 155867
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 27.20 ug/L

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY004863.D

Acq: 24 May 2021 10:31

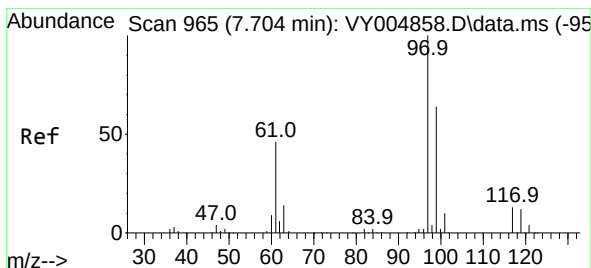
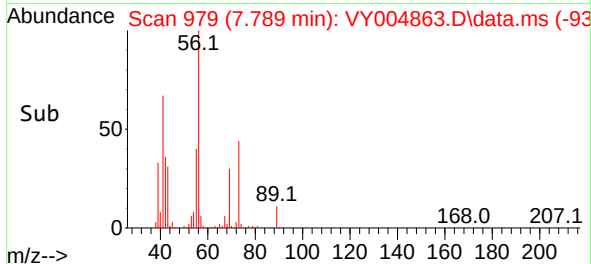
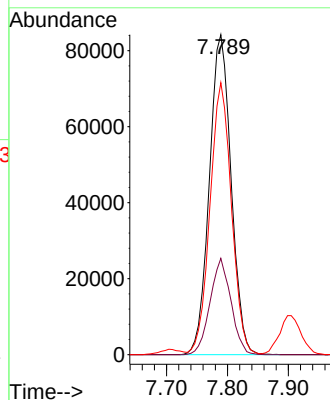
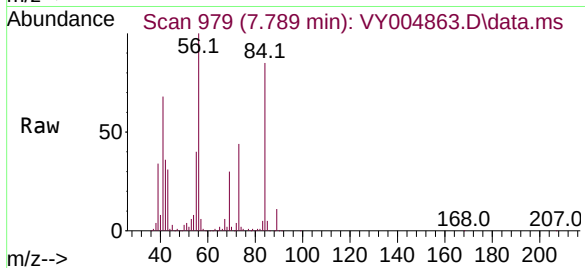
Instrument :

MSVOA_Y

ClientSampleId :

VSTD025144

Tgt Ion:	56	Resp:	209535
Ion Ratio	Lower	Upper	
56	100		
69	28.8	22.6	33.8
84	83.8	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 27.39 ug/L

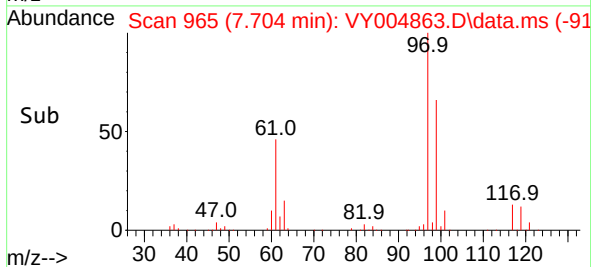
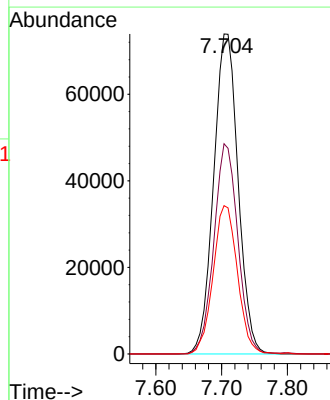
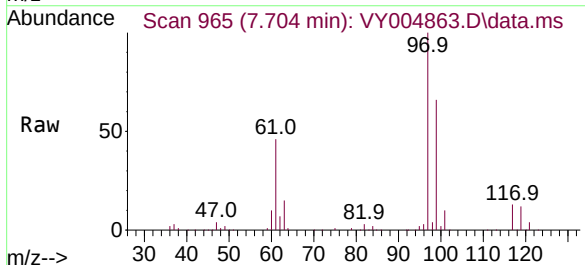
RT: 7.704 min Scan# 965

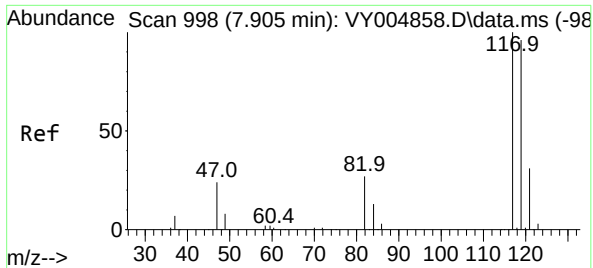
Delta R.T. 0.000 min

Lab File: VY004863.D

Acq: 24 May 2021 10:31

Tgt Ion:	97	Resp:	191693
Ion Ratio	Lower	Upper	
97	100		
99	64.2	51.8	77.6
61	46.2	37.3	55.9

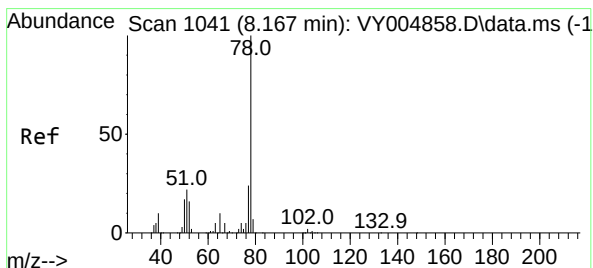
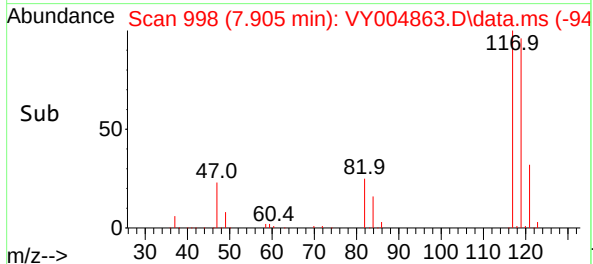
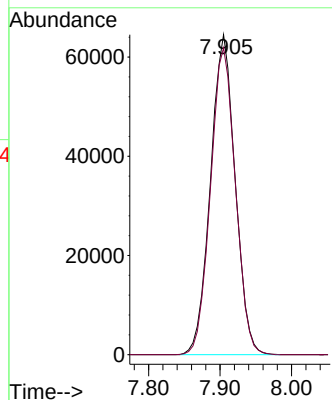
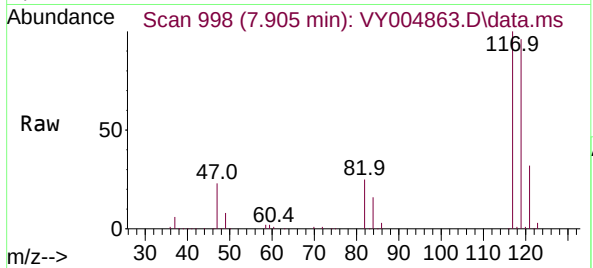




#31
Carbon tetrachloride
Concen: 27.99 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

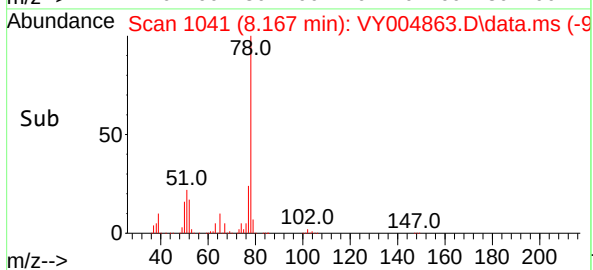
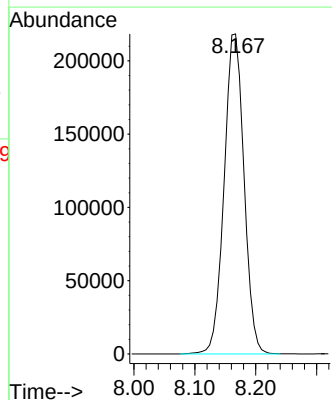
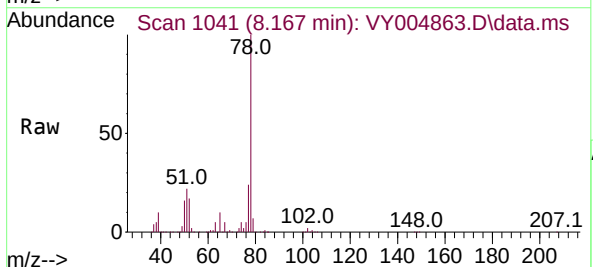
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

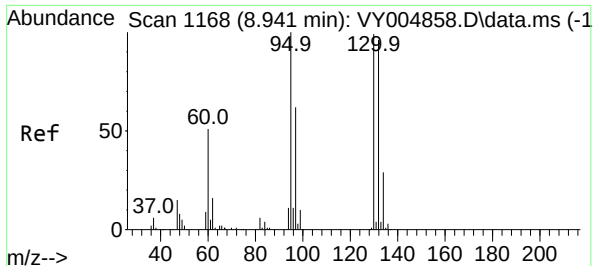
Tgt Ion:117 Resp: 154429
Ion Ratio Lower Upper
117 100
119 96.6 76.2 114.2



#33
Benzene
Concen: 27.07 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 78 Resp: 496205

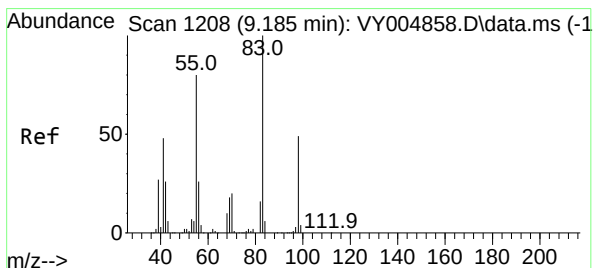
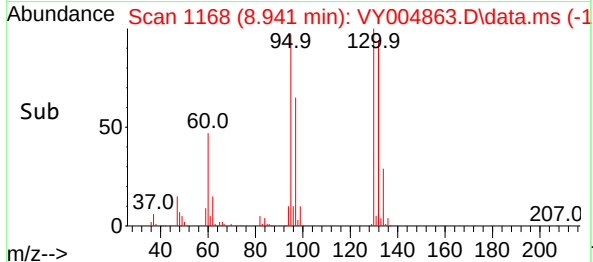
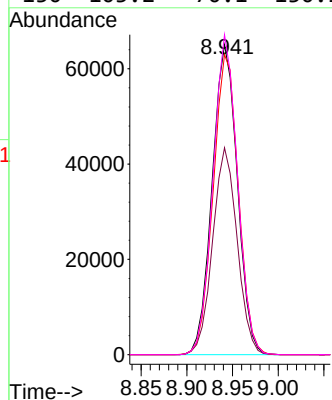
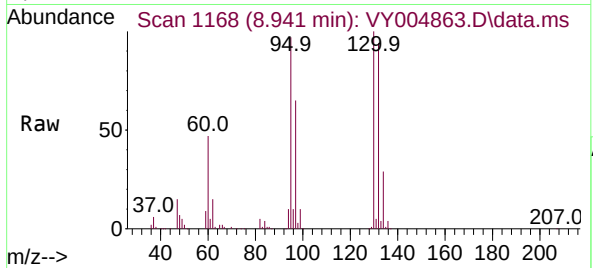




#34
Trichloroethene
Concen: 26.87 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

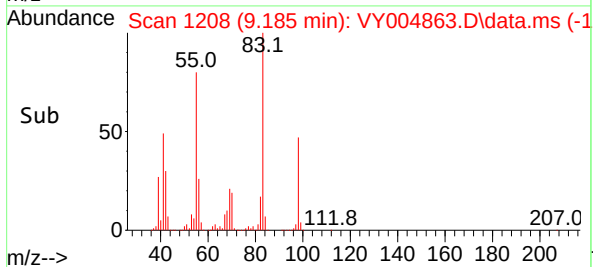
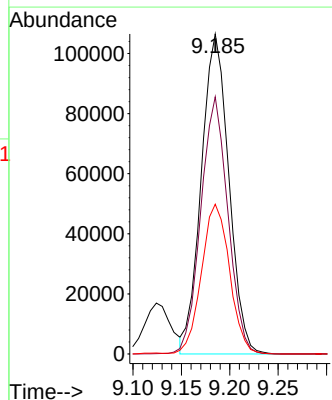
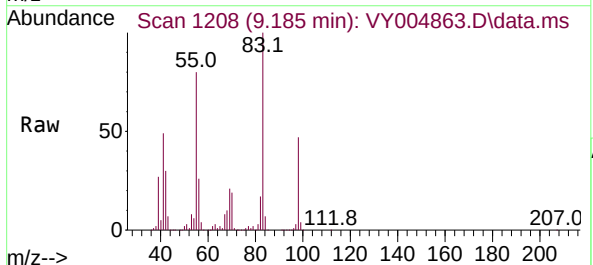
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

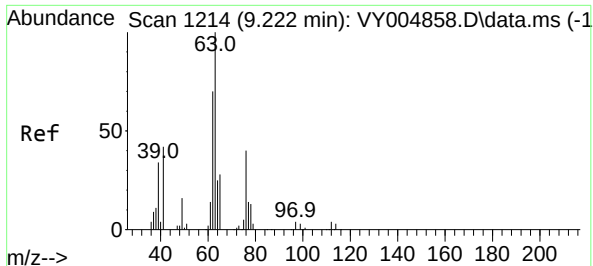
Tgt Ion:	95	Resp:	124452
Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.2	82.2
132	96.8	66.8	124.0
130	103.2	70.1	130.1



#35
Methylcyclohexane
Concen: 27.12 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:	83	Resp:	211078
Ion	Ratio	Lower	Upper
83	100		
55	79.0	63.9	95.9
98	47.8	38.7	58.1





#37

1,2-Dichloropropane

Concen: 26.69 ug/L

RT: 9.215 min Scan# 1213

Delta R.T. -0.006 min

Lab File: VY004863.D

Acq: 24 May 2021 10:31

Tgt Ion: 63 Resp: 130609

Ion Ratio Lower Upper

63 100

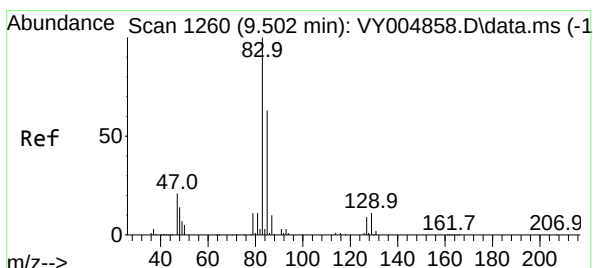
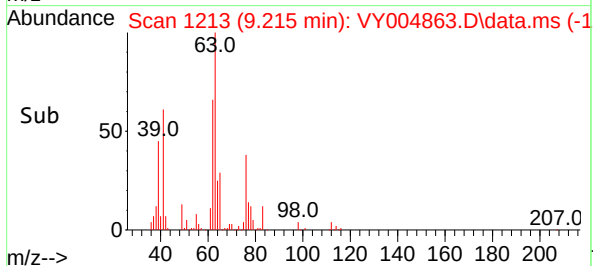
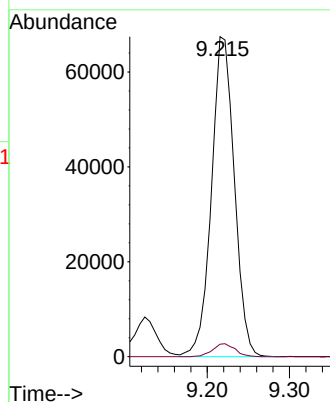
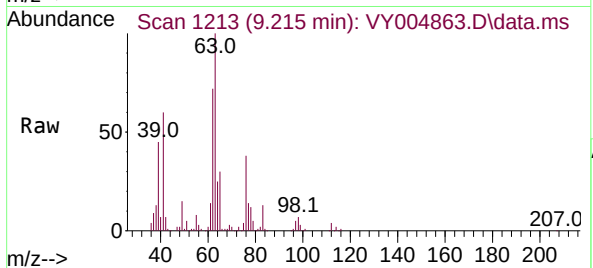
112 4.0 3.1 4.7

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025144



#38

Bromodichloromethane

Concen: 26.95 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY004863.D

Acq: 24 May 2021 10:31

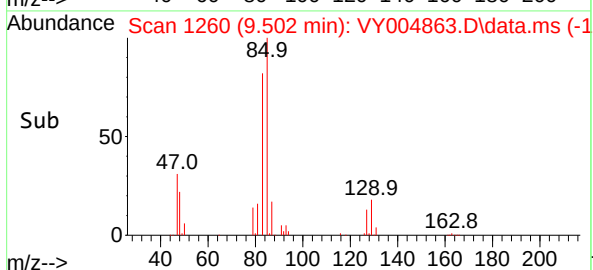
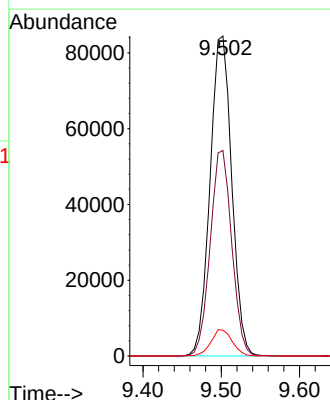
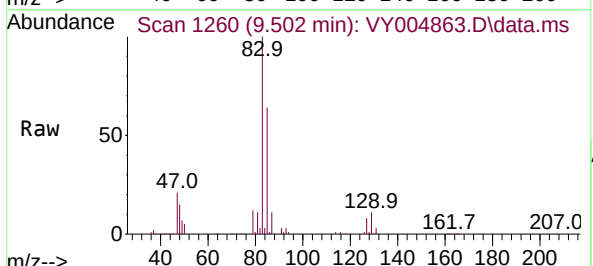
Tgt Ion: 83 Resp: 162464

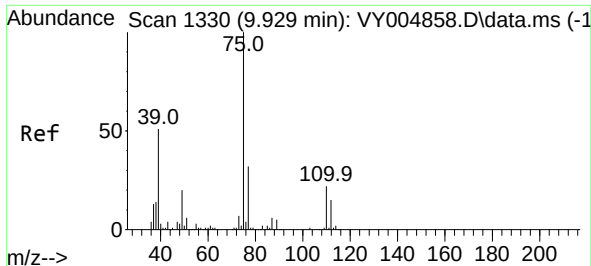
Ion Ratio Lower Upper

83 100

85 64.2 44.1 81.9

127 8.1 6.9 10.3

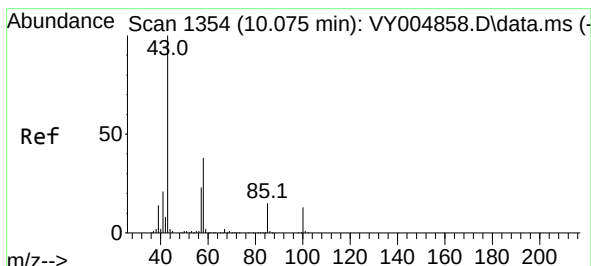
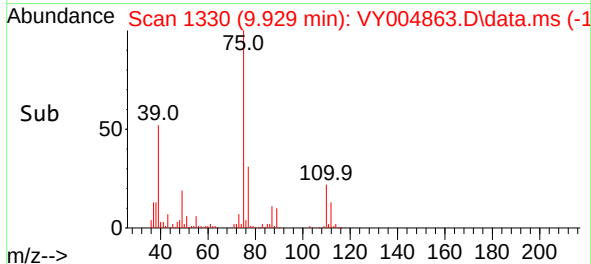
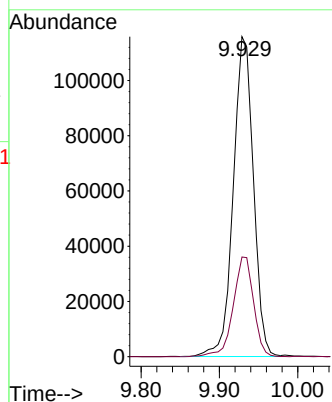
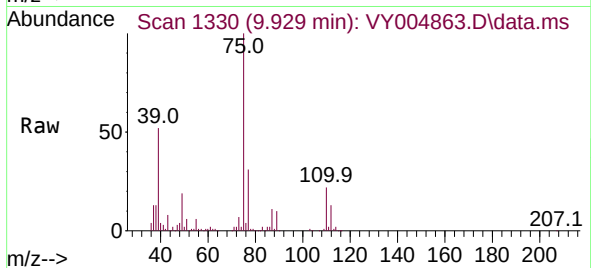




#39
cis-1,3-Dichloropropene
Concen: 27.18 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

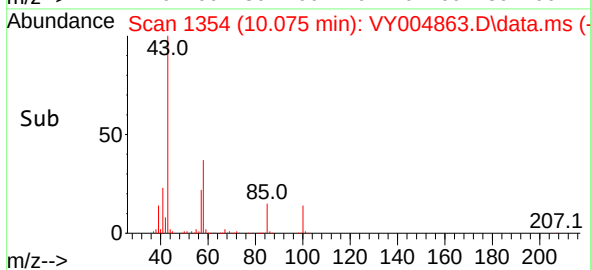
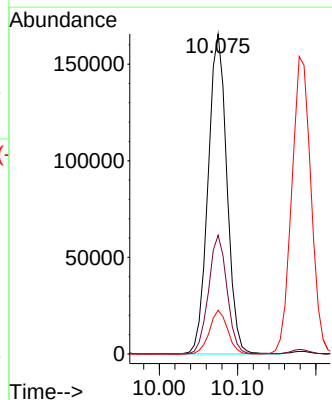
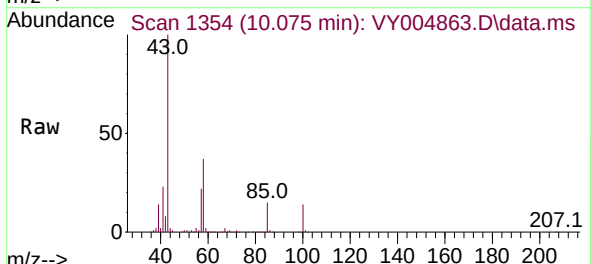
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

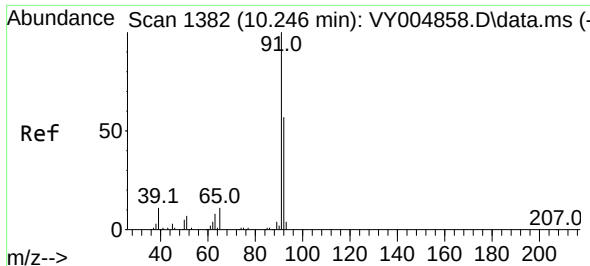
Tgt Ion: 75 Resp: 206350
Ion Ratio Lower Upper
75 100
77 31.1 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 52.96 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 43 Resp: 276123
Ion Ratio Lower Upper
43 100
58 36.6 28.5 42.7
100 13.2 10.4 15.6

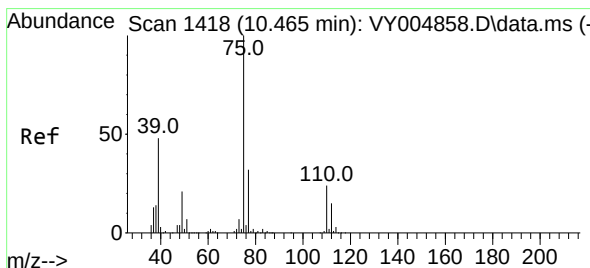
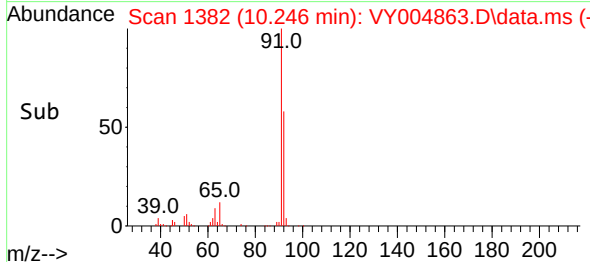
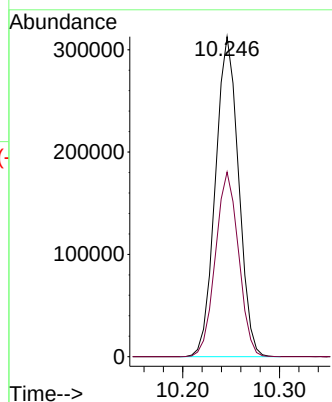
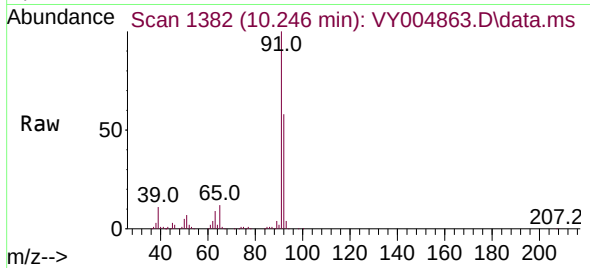




#42
Toluene
Concen: 26.85 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

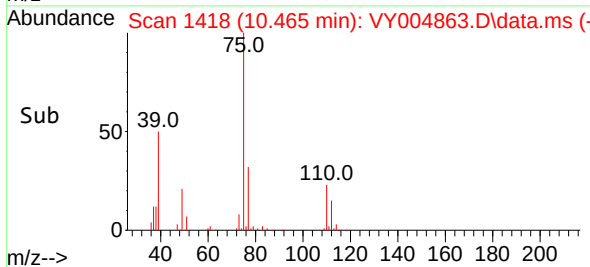
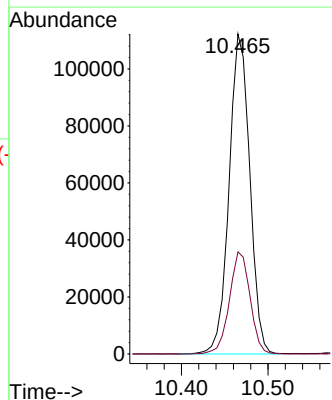
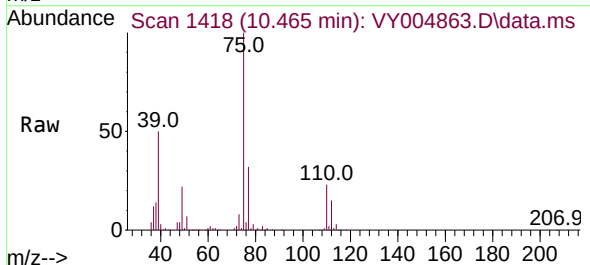
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

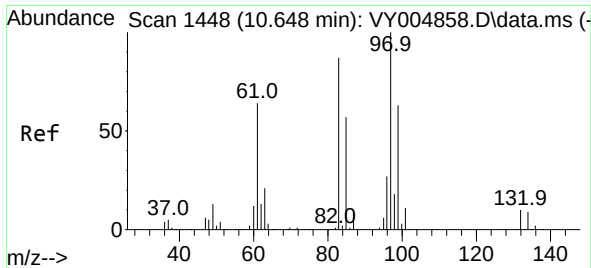
Tgt Ion: 91 Resp: 520425
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 26.41 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 75 Resp: 186226
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4

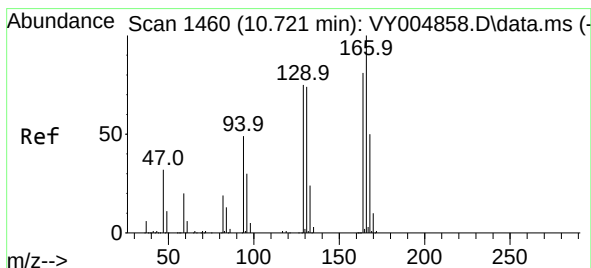
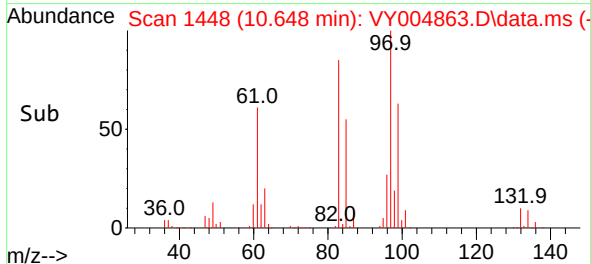
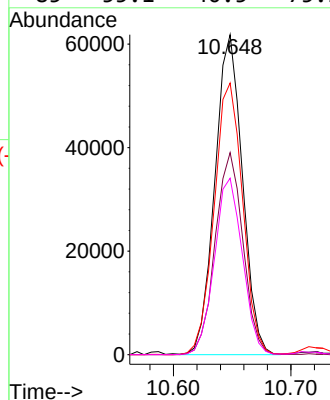
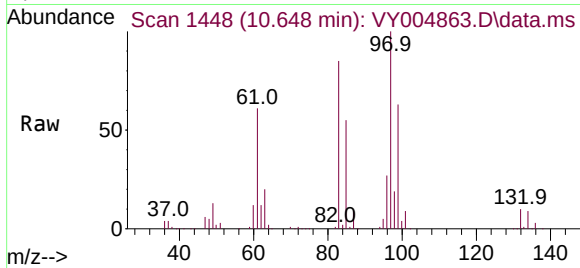




#45
1,1,2-Trichloroethane
Concen: 26.52 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

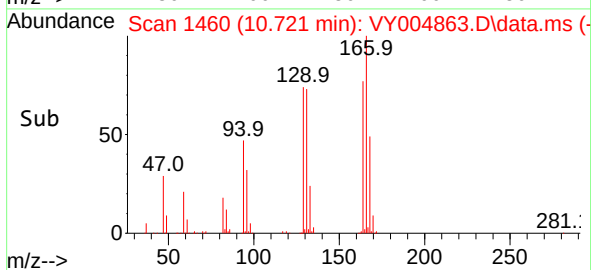
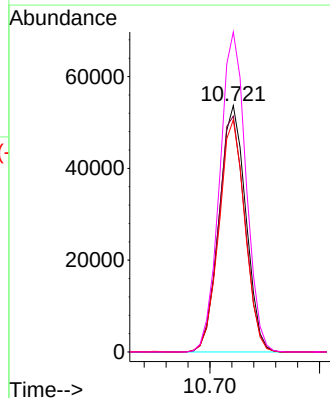
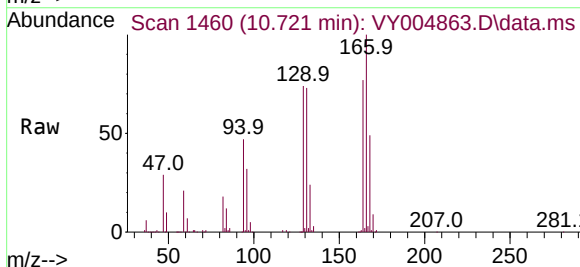
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

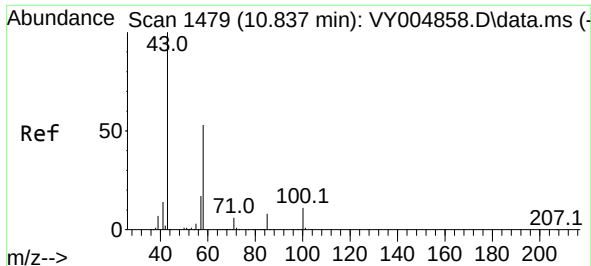
Tgt Ion:	97	Resp:	100747
Ion	Ratio	Lower	Upper
97	100		
99	63.2	44.2	82.0
83	84.9	61.1	113.5
85	55.1	40.5	75.3



#46
Tetrachloroethene
Concen: 25.90 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:	164	Resp:	90384
Ion	Ratio	Lower	Upper
164	100		
129	95.7	65.9	122.3
131	94.2	61.9	115.1
166	129.9	85.3	158.3

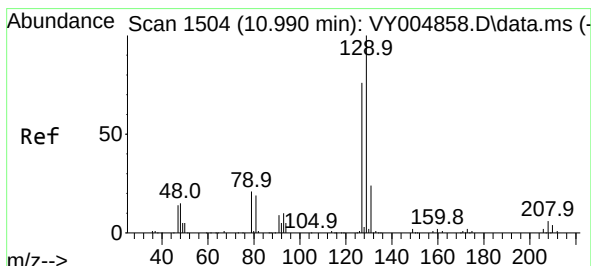
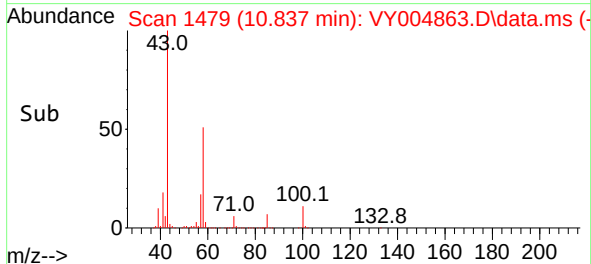
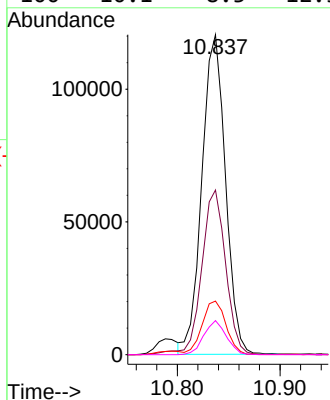
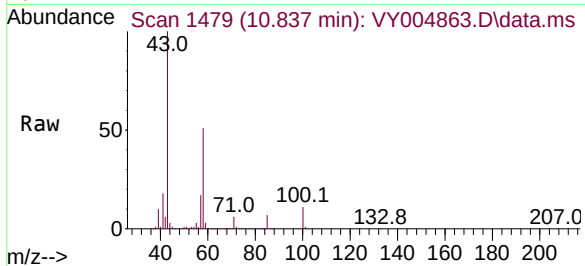




#48
2-Hexanone
Concen: 54.50 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

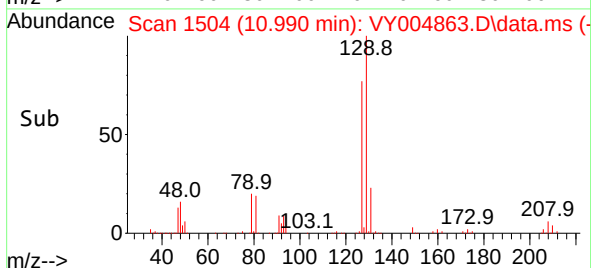
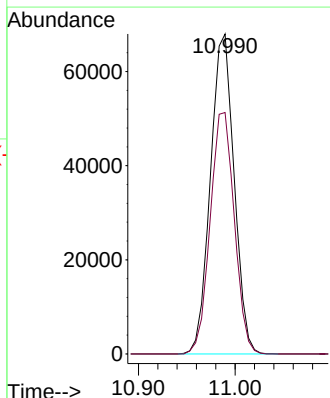
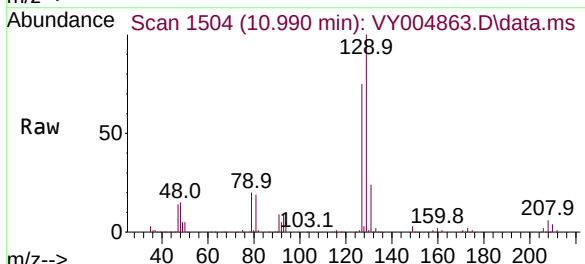
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

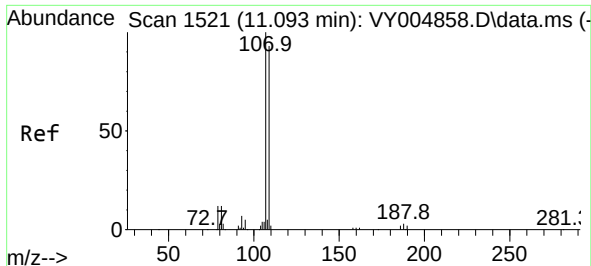
Tgt Ion:	43	Resp:	191793
Ion	Ratio	Lower	Upper
43	100		
58	51.2	41.1	61.7
57	17.0	13.8	20.6
100	10.1	8.3	12.5



#49
Dibromochloromethane
Concen: 27.00 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:	129	Resp:	115593
Ion	Ratio	Lower	Upper
129	100		
127	75.4	52.8	98.0

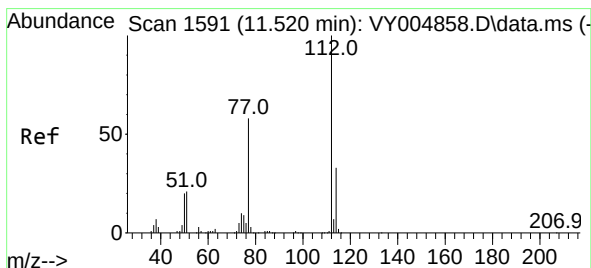
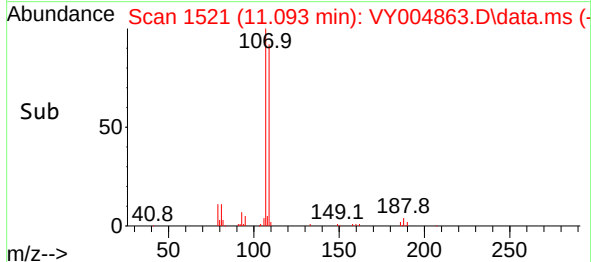
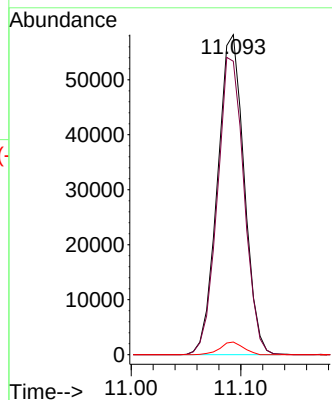
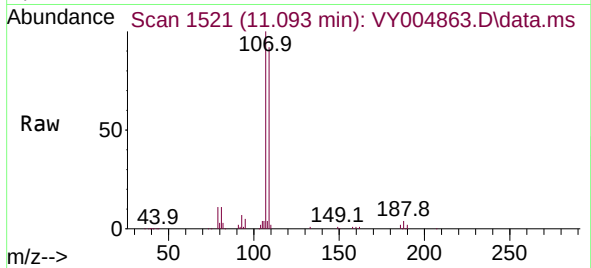




#50
1,2-Dibromoethane
Concen: 26.82 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

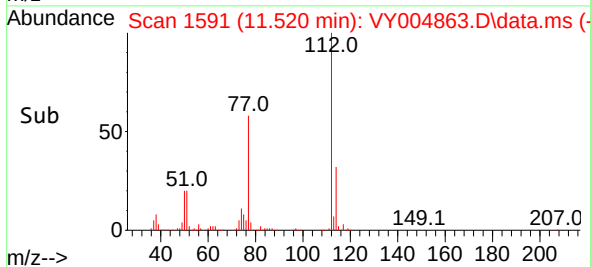
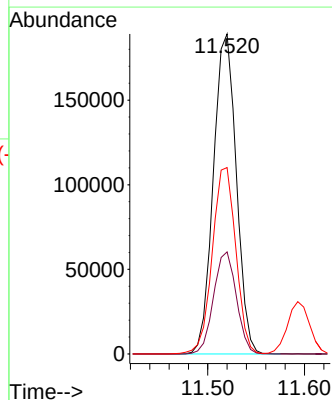
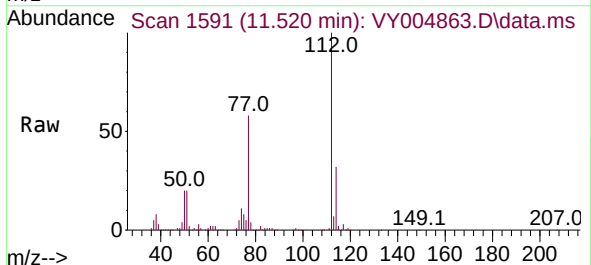
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

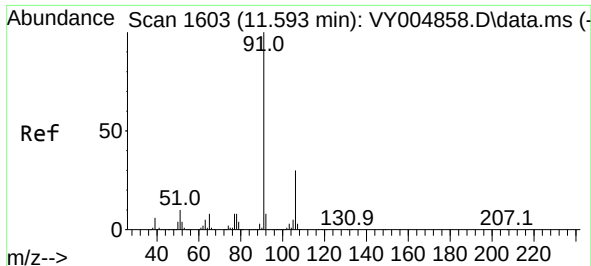
Tgt Ion:107 Resp: 98498
Ion Ratio Lower Upper
107 100
109 91.7 65.7 121.9
188 4.0 2.8 4.2



#51
Chlorobenzene
Concen: 26.02 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:112 Resp: 311917
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 58.2 46.5 69.7

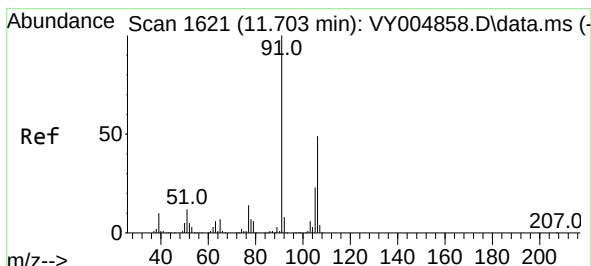
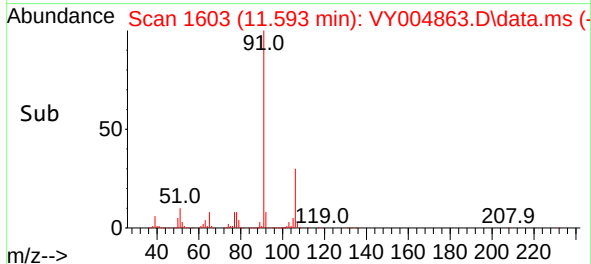
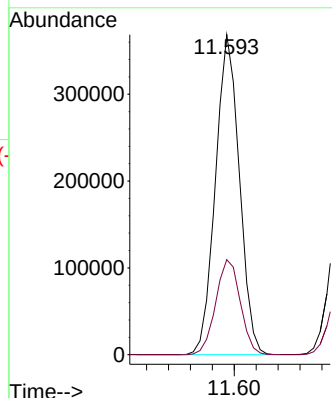
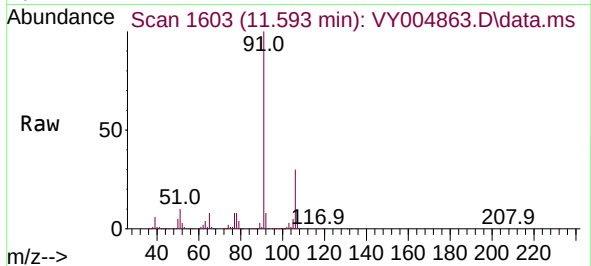




#52
Ethylbenzene
Concen: 26.71 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

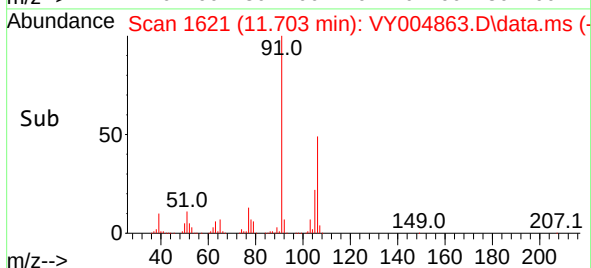
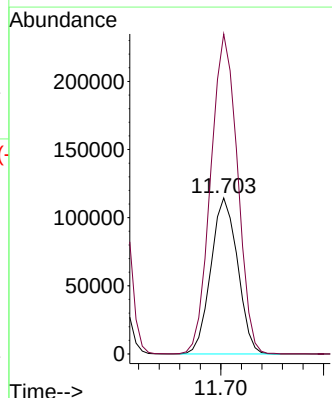
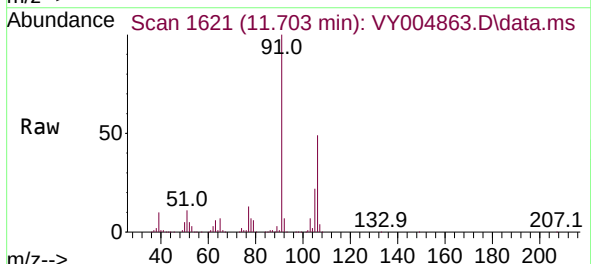
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

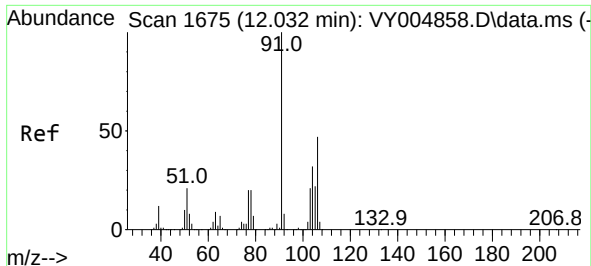
Tgt Ion: 91 Resp: 558484
Ion Ratio Lower Upper
91 100
106 29.7 21.2 39.4



#53
m,p-Xylene
Concen: 26.65 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:106 Resp: 206436
Ion Ratio Lower Upper
106 100
91 205.2 145.7 270.5

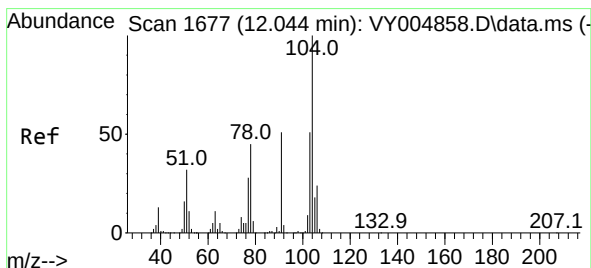
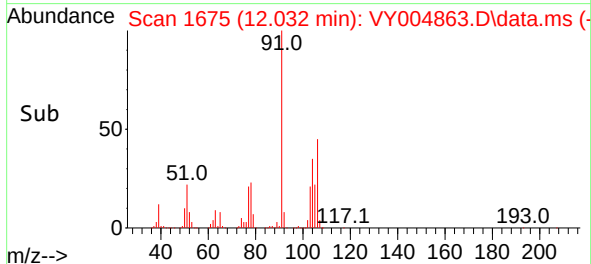
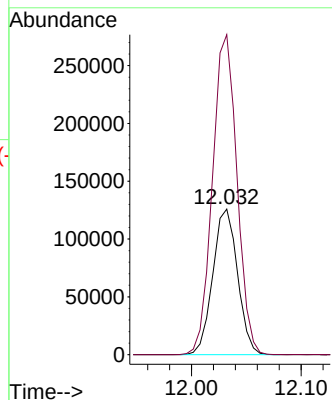
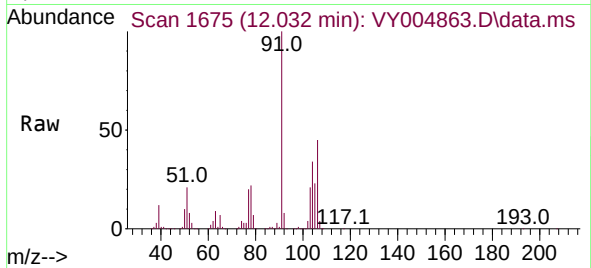




#54
o-Xylene
Concen: 26.76 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

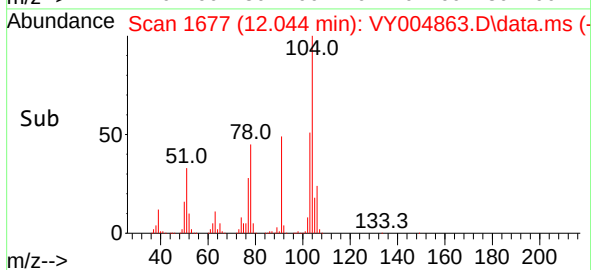
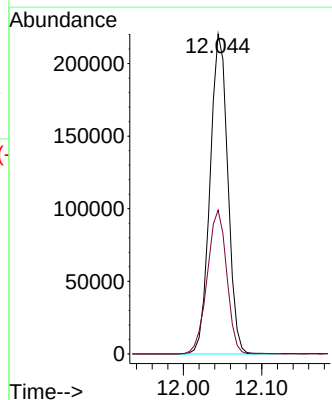
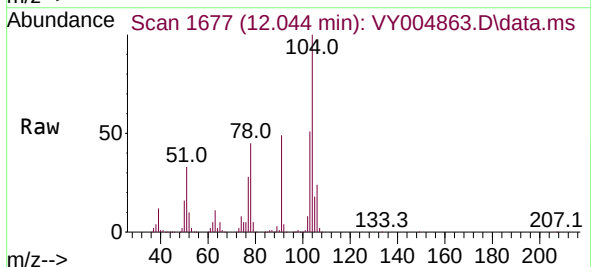
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

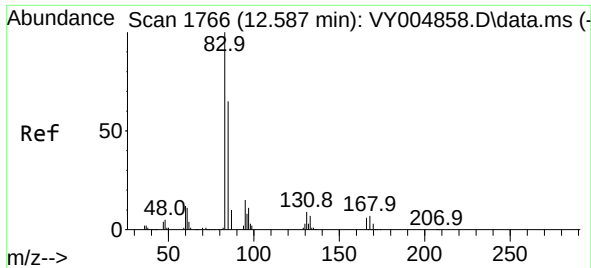
Tgt Ion:106 Resp: 197708
Ion Ratio Lower Upper
106 100
91 219.8 150.6 279.6



#55
Styrene
Concen: 27.22 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:104 Resp: 346409
Ion Ratio Lower Upper
104 100
78 45.0 31.8 59.0

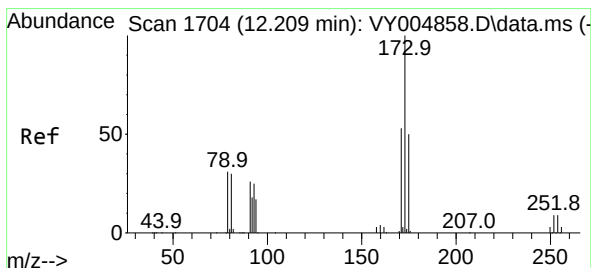
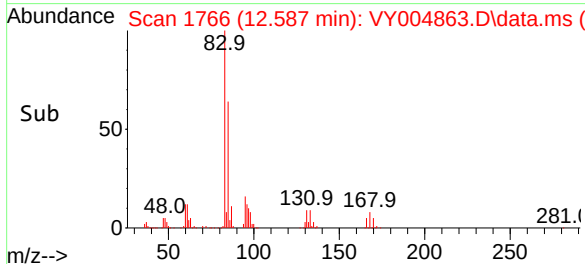
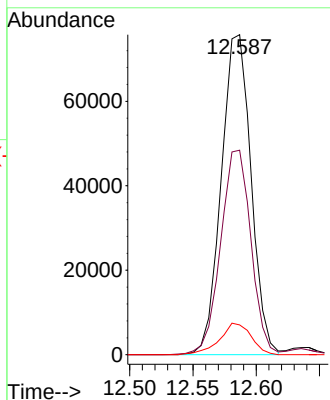
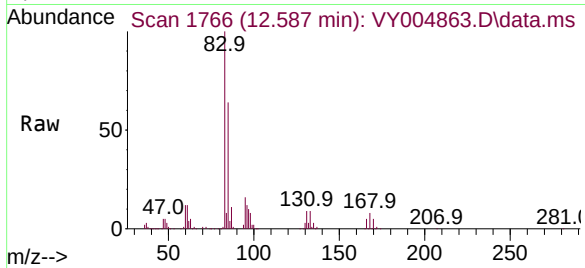




#57
1,1,2,2-Tetrachloroethane
Concen: 26.76 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

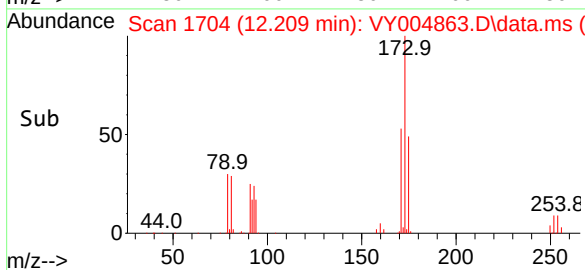
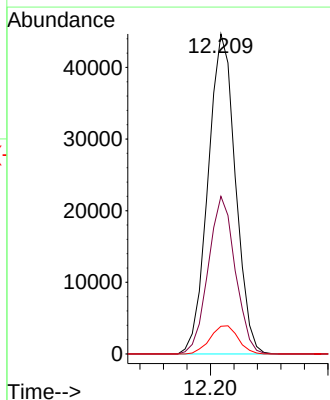
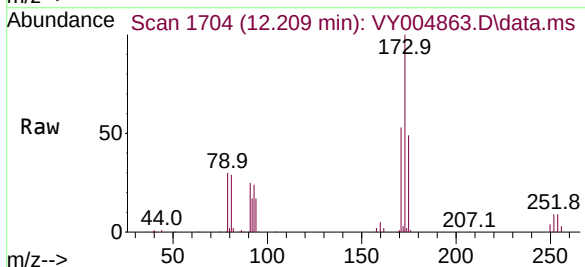
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

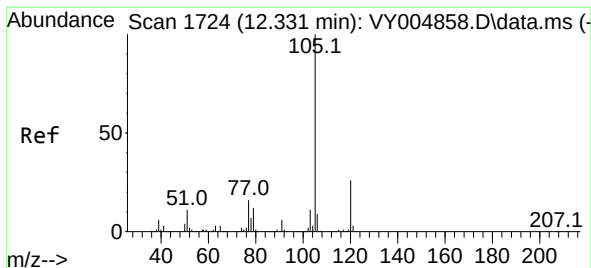
Tgt Ion:	83	Resp:	124128
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.0	83.6
131	9.3	6.9	10.3



#59
Bromoform
Concen: 27.10 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:	173	Resp:	72307
Ion	Ratio	Lower	Upper
173	100		
175	48.5	38.8	58.2
254	9.0	7.3	10.9

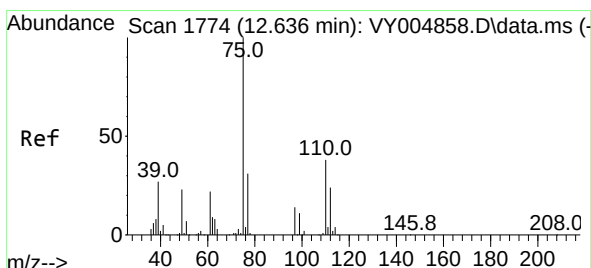
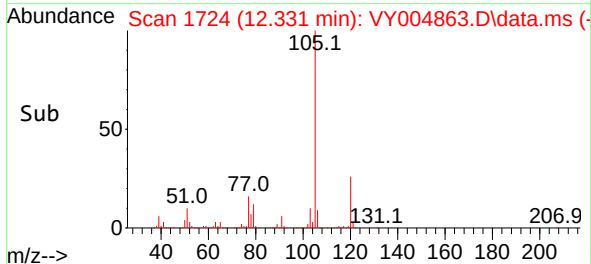
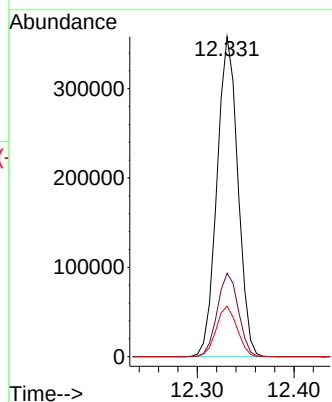
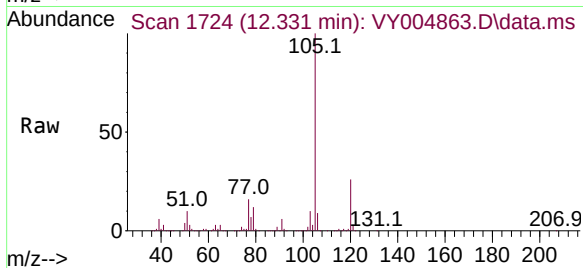




#60
Isopropylbenzene
Concen: 27.30 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

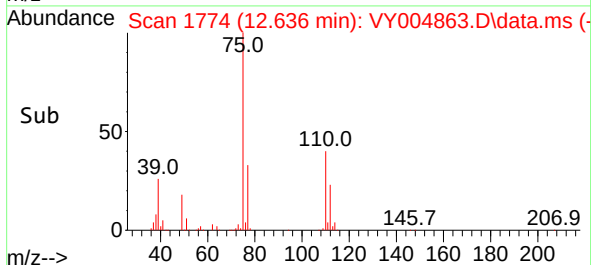
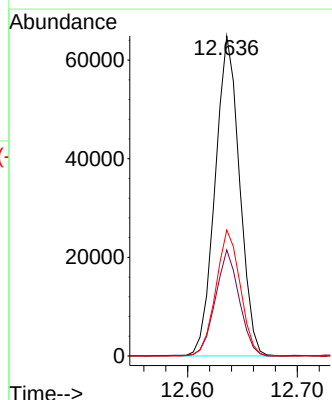
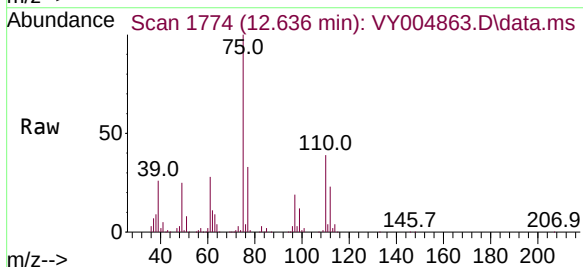
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

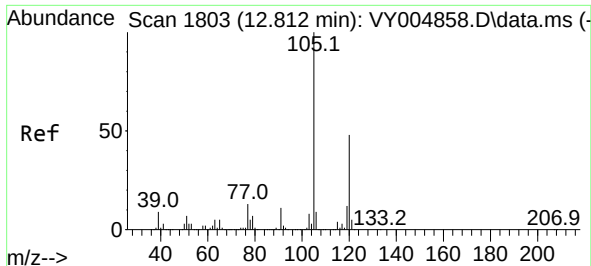
Tgt Ion:	105	Resp:	537120
Ion	Ratio	Lower	Upper
105	100		
120	26.4	21.0	31.6
77	15.8	12.7	19.1



#61
1,2,3-Trichloropropane
Concen: 26.42 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:	75	Resp:	100543
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.7	38.5
110	39.0	30.8	46.2

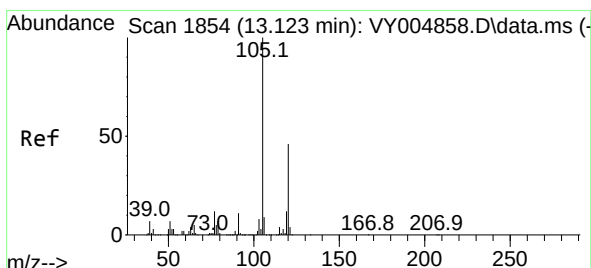
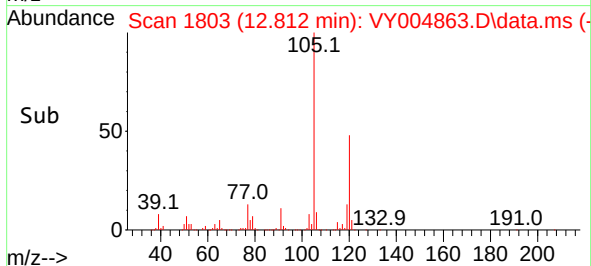
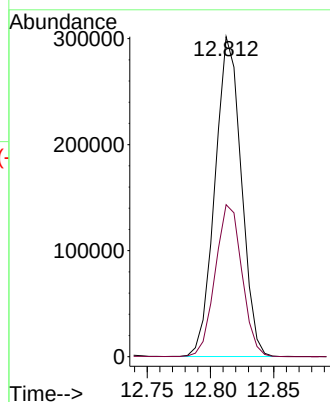
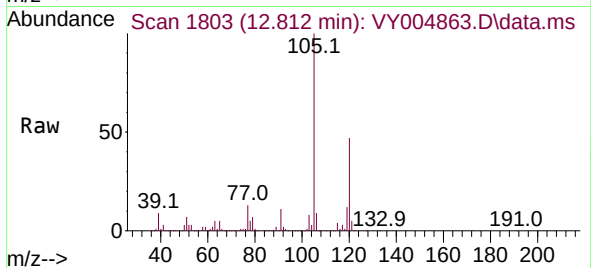




#62
1,3,5-Trimethylbenzene
Concen: 27.53 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

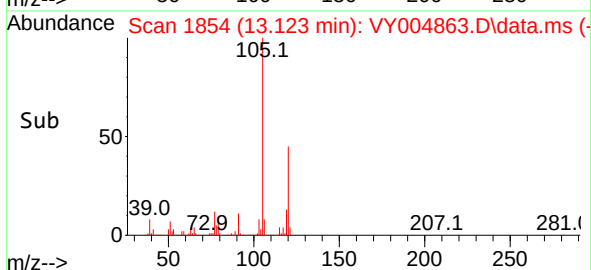
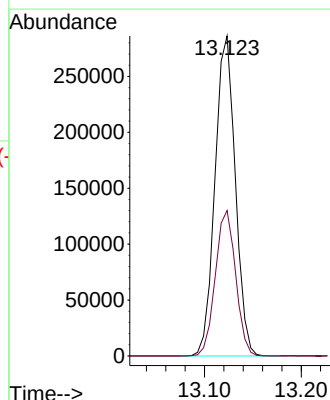
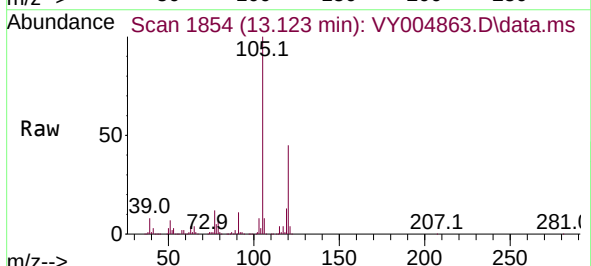
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

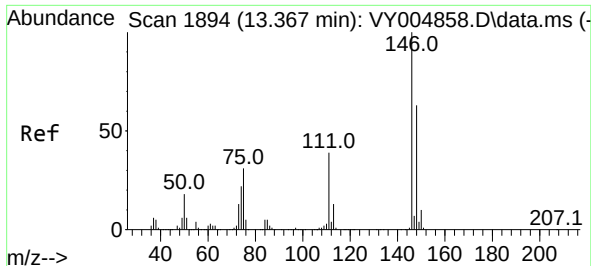
Tgt Ion:105 Resp: 435494
Ion Ratio Lower Upper
105 100
120 48.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.42 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:105 Resp: 417089
Ion Ratio Lower Upper
105 100
120 45.4 36.2 54.4

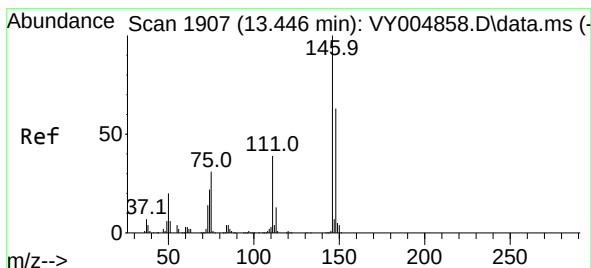
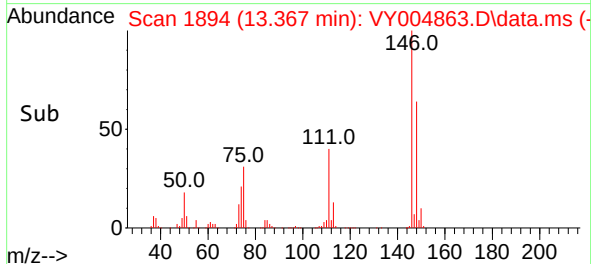
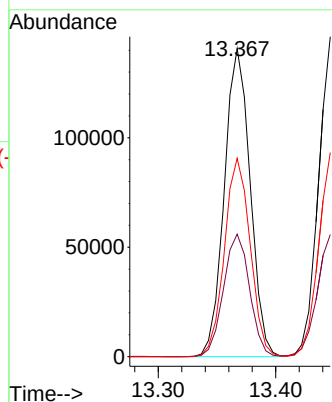
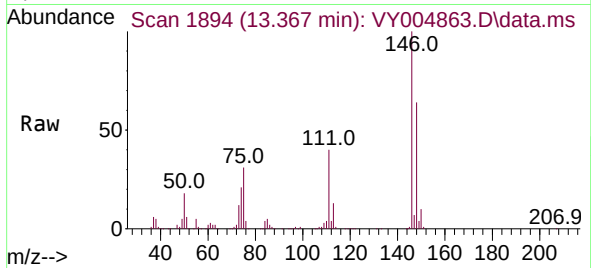




#64
1,3-Dichlorobenzene
Concen: 25.70 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

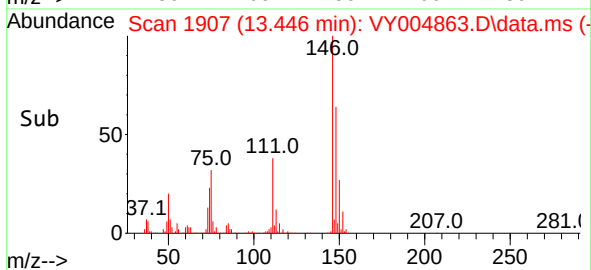
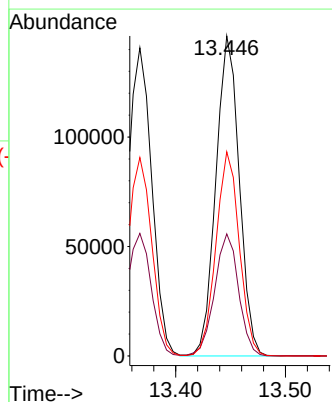
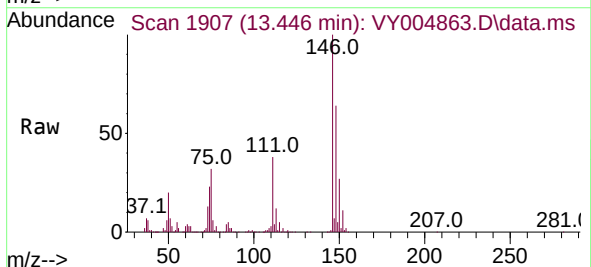
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

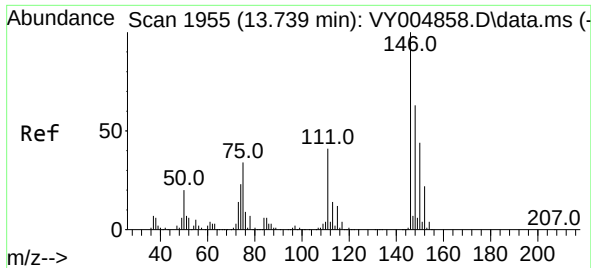
Tgt Ion:146 Resp: 215348
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 64.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 25.55 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:146 Resp: 216854
Ion Ratio Lower Upper
146 100
111 38.1 26.4 49.0
148 63.8 44.3 82.3

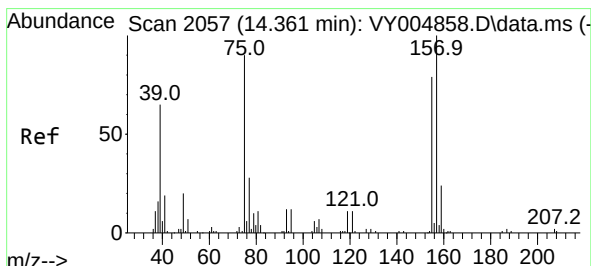
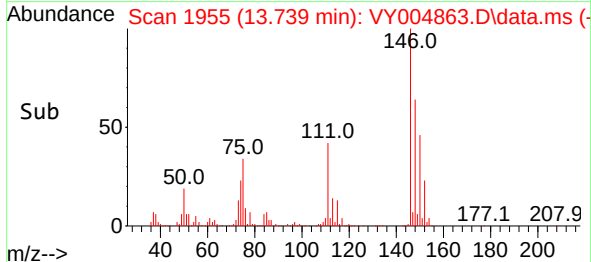
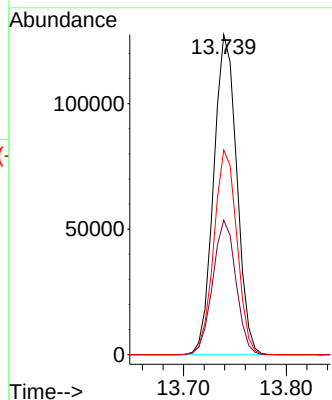
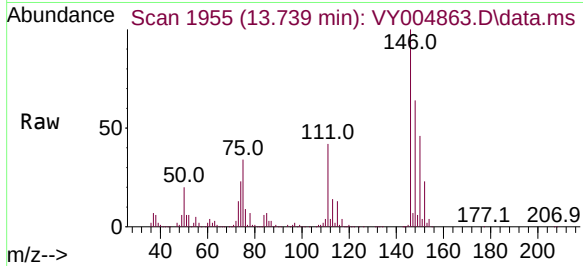




#67
1,2-Dichlorobenzene
Concen: 25.56 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

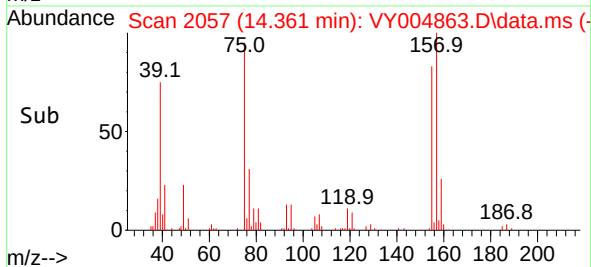
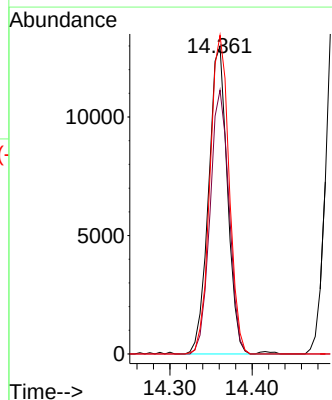
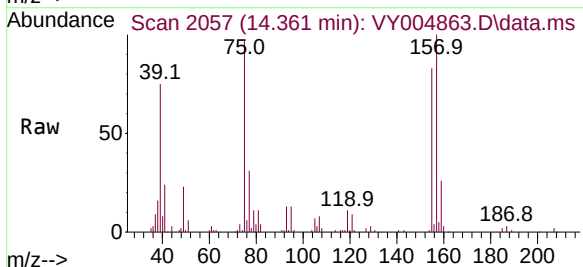
Instrument :
MSVOA_Y
ClientSampleId :
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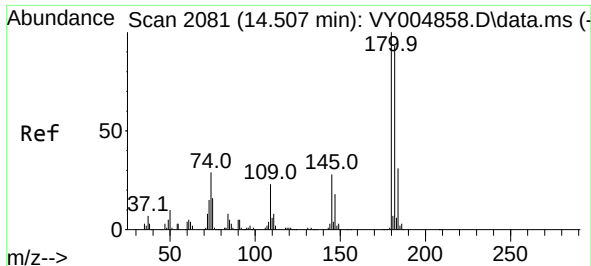
Tgt Ion:146 Resp: 198623
Ion Ratio Lower Upper
146 100
111 42.1 33.9 50.9
148 63.9 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 23.95 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion: 75 Resp: 20732
Ion Ratio Lower Upper
75 100
155 85.7 64.5 96.7
157 103.5 77.4 116.2

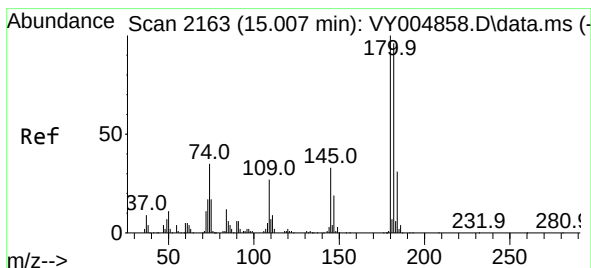
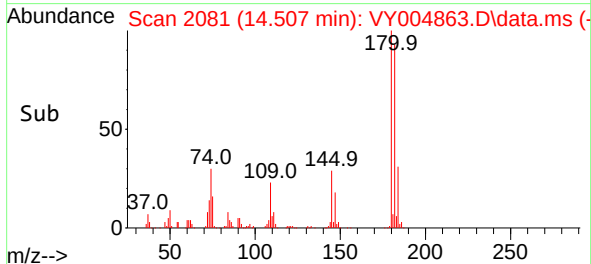
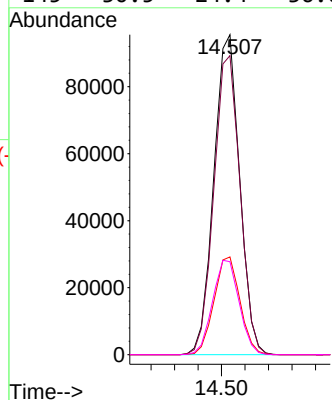
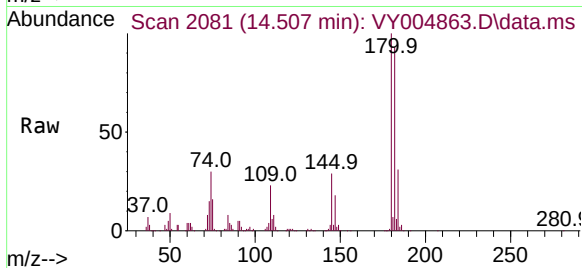




#69
1,3,5-Trichlorobenzene
Concen: 25.81 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

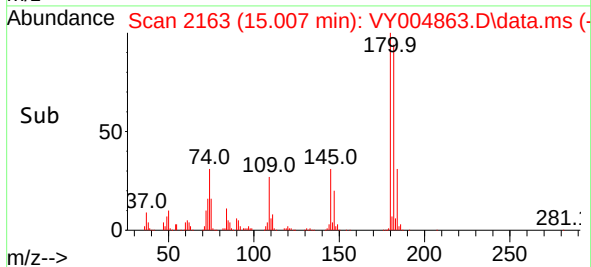
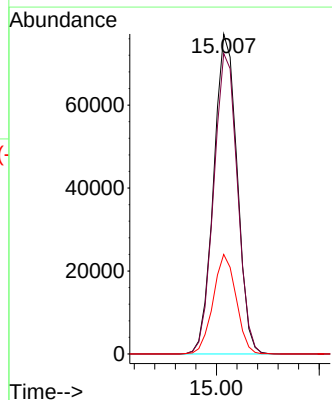
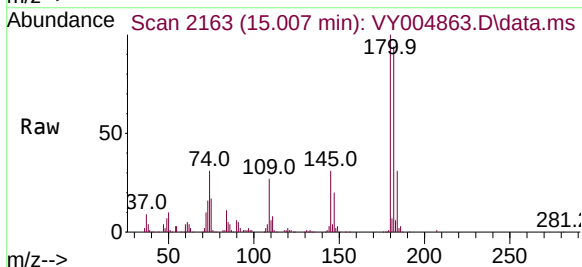
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

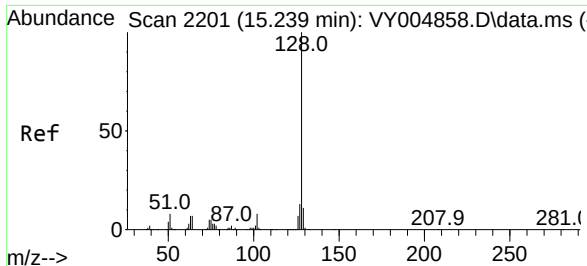
Tgt Ion:	180	Resp:	145510
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.1	114.1
184	30.7	24.6	36.8
145	30.5	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 25.82 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:	180	Resp:	121836
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	30.5	25.0	37.6

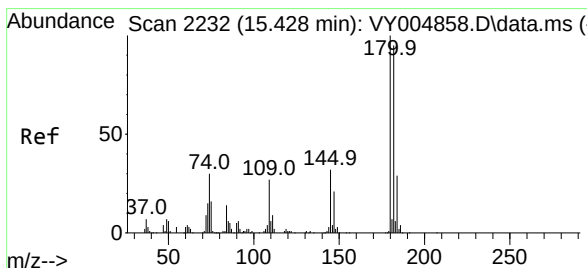
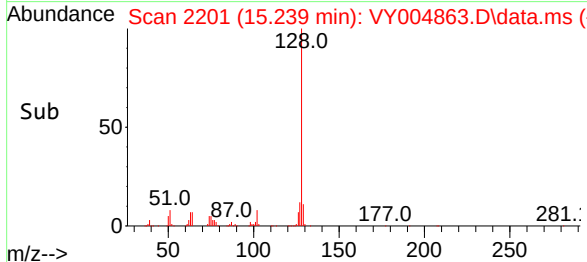
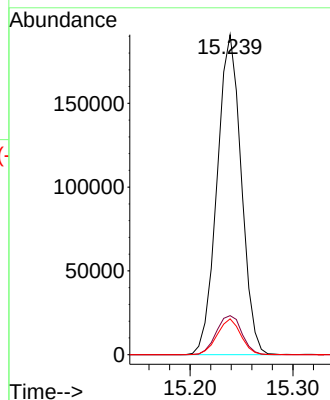
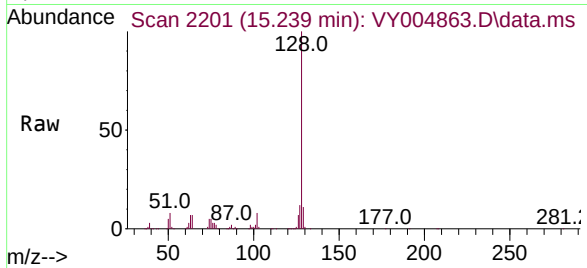




#71
Naphthalene
Concen: 26.25 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025144

Tgt Ion:128 Resp: 312036
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.79 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY004863.D
Acq: 24 May 2021 10:31

Tgt Ion:180 Resp: 110510
Ion Ratio Lower Upper
180 100
182 95.4 76.2 114.2
145 32.3 25.8 38.8

