

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052121\
 Data File : VY004861.D
 Acq On : 21 May 2021 13:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025143

Quant Time: May 22 00:37:40 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	296204	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	276664	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	132289	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	127092	26.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.32%
7) Chloroethane-d5	2.765	69	96599	27.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.64%
11) 1,1-Dichloroethene-d2	3.863	63	227536	27.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	108.32%
21) 2-Butanone-d5	6.899	46	111322	55.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.20%
24) Chloroform-d	7.484	84	209138	27.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.08%
26) 1,2-Dichloroethane-d4	8.149	65	129154	26.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.84%
32) Benzene-d6	8.118	84	454105	27.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	9.124	67	145813	27.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.48%
41) Toluene-d8	10.185	98	414120	27.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.16%
43) trans-1,3-Dichloroprop...	10.441	79	69839	27.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.24%
47) 2-Hexanone-d5	10.788	63	82677	56.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.60%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	128946	27.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.88%
66) 1,2-Dichlorobenzene-d4	13.727	152	128714	26.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	103211	26.13	ug/L	99
3) Chloromethane	2.119	50	130146	26.89	ug/L	99
5) Vinyl chloride	2.253	62	133507	25.81	ug/L	97
6) Bromomethane	2.656	94	58992	29.04	ug/L	98
8) Chloroethane	2.802	64	78379	26.01	ug/L	97
9) Trichlorofluoromethane	3.131	101	174597	26.41	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	105991	26.98	ug/L	99
12) 1,1-Dichloroethene	3.875	96	98988	27.05	ug/L	83
13) Acetone	3.954	43	55576	46.97	ug/L	99
14) Carbon disulfide	4.198	76	323427	27.48	ug/L	100
15) Methyl Acetate	4.485	43	88435	26.80	ug/L	98
16) Methylene chloride	4.728	84	142037	27.95	ug/L	99
17) trans-1,2-Dichloroethene	5.228	96	106644	26.87	ug/L	97
18) Methyl tert-butyl Ether	5.228	73	303562	26.63	ug/L	100
19) 1,1-Dichloroethane	6.027	63	204605	27.03	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	114842	26.91	ug/L	95
22) 2-Butanone	6.996	43	104535	51.03	ug/L	100
23) Bromochloromethane	7.344	128	53492	26.58	ug/L	99
25) Chloroform	7.515	83	205176	26.45	ug/L	99

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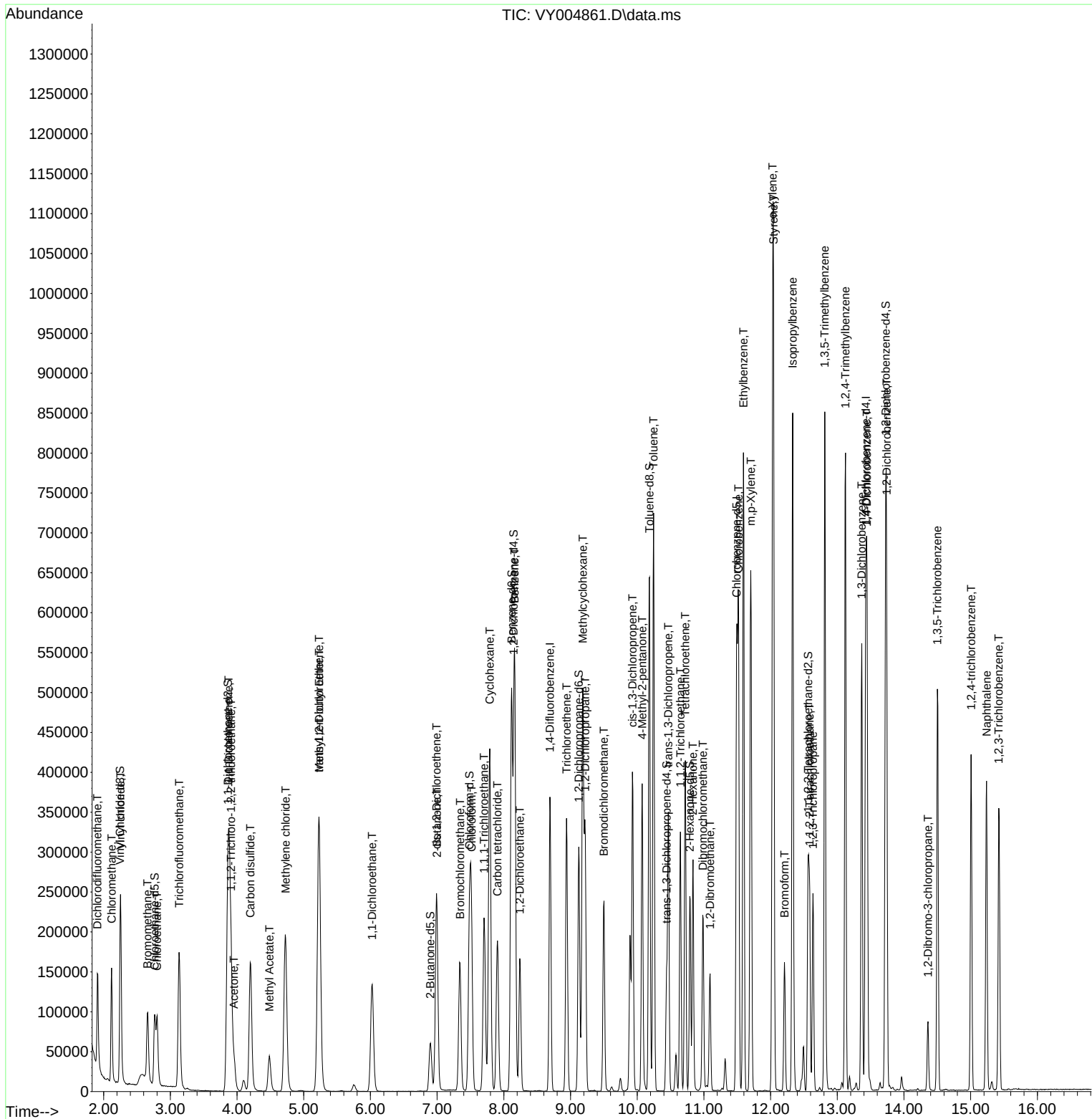
Quant Time: May 22 00:37:40 2021
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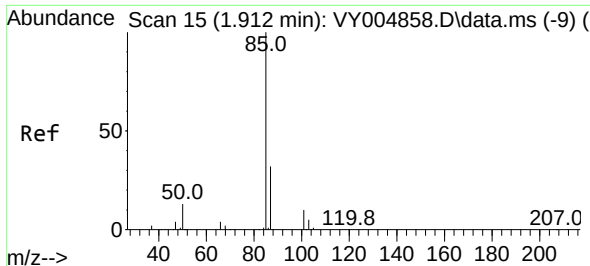
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	140802	26.28	ug/L	99
29) Cyclohexane	7.789	56	198064	27.60	ug/L	99
30) 1,1,1-Trichloroethane	7.704	97	174293	26.74	ug/L	100
31) Carbon tetrachloride	7.905	117	140783	27.40	ug/L	98
33) Benzene	8.161	78	455195	26.66	ug/L	100
34) Trichloroethene	8.941	95	116360	26.98	ug/L	98
35) Methylcyclohexane	9.185	83	197046	27.18	ug/L	99
37) 1,2-Dichloropropane	9.222	63	123831	27.18	ug/L	100
38) Bromodichloromethane	9.502	83	150400	26.79	ug/L	97
39) cis-1,3-Dichloropropene	9.929	75	192342	27.20	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	256625	52.85	ug/L	99
42) Toluene	10.246	91	494412	27.39	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	177408	27.02	ug/L	98
45) 1,1,2-Trichloroethane	10.648	97	93948	26.55	ug/L	99
46) Tetrachloroethene	10.721	164	85019	26.16	ug/L	96
48) 2-Hexanone	10.837	43	179242	54.69	ug/L	99
49) Dibromochloromethane	10.983	129	106693	26.76	ug/L	98
50) 1,2-Dibromoethane	11.093	107	91281	26.69	ug/L	99
51) Chlorobenzene	11.520	112	296255	26.54	ug/L	99
52) Ethylbenzene	11.593	91	525924	27.01	ug/L	98
53) m,p-Xylene	11.703	106	195901	27.15	ug/L	98
54) o-Xylene	12.032	106	186500	27.10	ug/L	99
55) Styrene	12.044	104	324521	27.38	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.587	83	115853	26.82	ug/L	99
59) Bromoform	12.209	173	66554	26.39	ug/L	99
60) Isopropylbenzene	12.331	105	504923	27.14	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	93457	25.97	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	411412	27.51	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	413929	27.73	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	212502	26.82	ug/L	99
65) 1,4-Dichlorobenzene	13.446	146	210906	26.29	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	192801	26.24	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.361	75	20604	25.17	ug/L	94
69) 1,3,5-Trichlorobenzene	14.501	180	141617	26.57	ug/L	100
70) 1,2,4-trichlorobenzene	15.007	180	116806	26.19	ug/L	99
71) Naphthalene	15.239	128	301227	26.80	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	106485	26.28	ug/L	99

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

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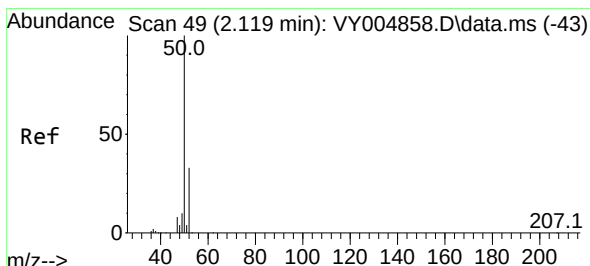
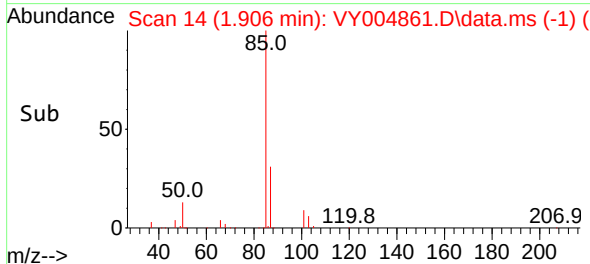
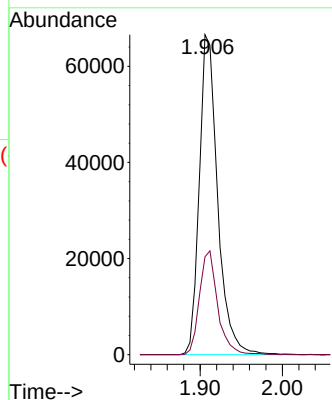
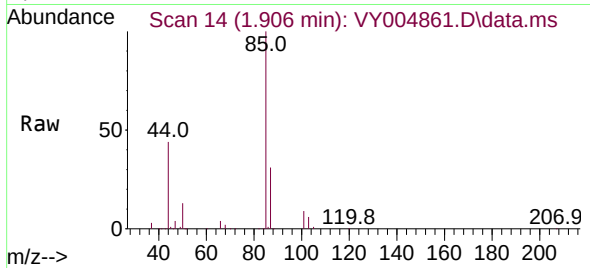




#2
Dichlorodifluoromethane
Concen: 26.13 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

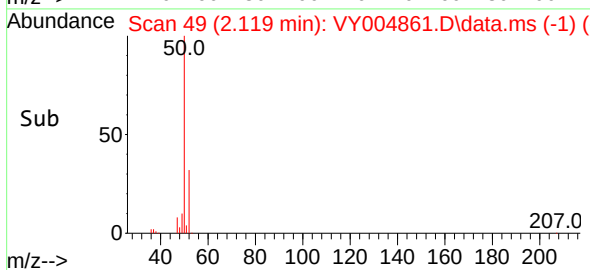
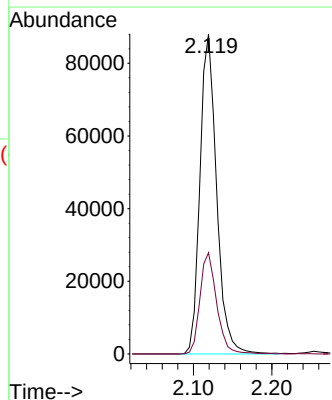
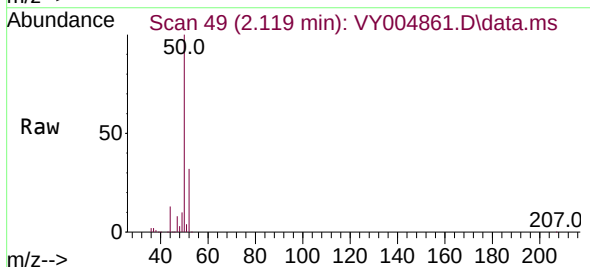
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

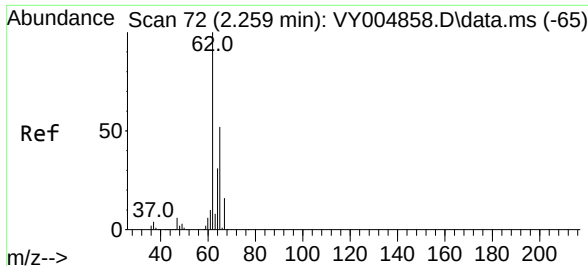
Tgt Ion: 85 Resp: 103211
Ion Ratio Lower Upper
85 100
87 32.2 26.2 39.2



#3
Chloromethane
Concen: 26.89 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 50 Resp: 130146
Ion Ratio Lower Upper
50 100
52 31.7 21.8 40.4

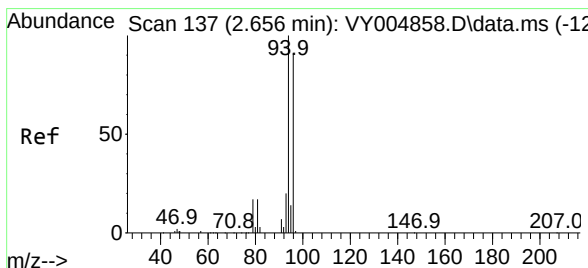
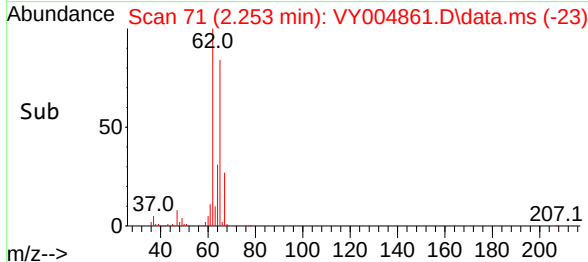
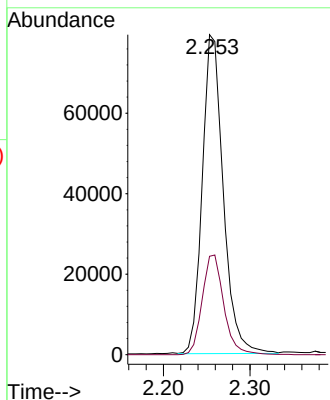
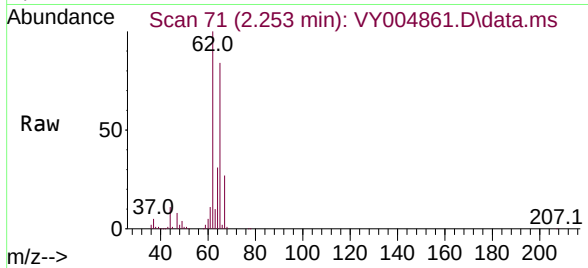




#5
 Vinyl chloride
 Concen: 25.81 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY004861.D
 Acq: 21 May 2021 13:41

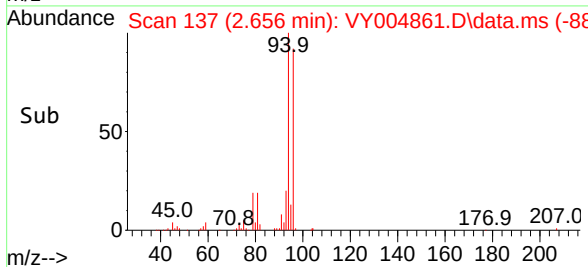
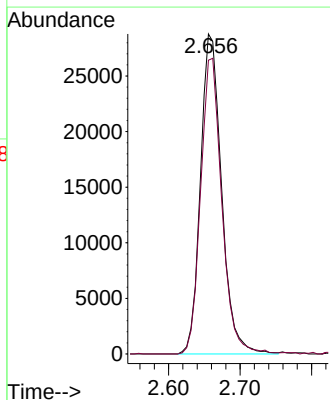
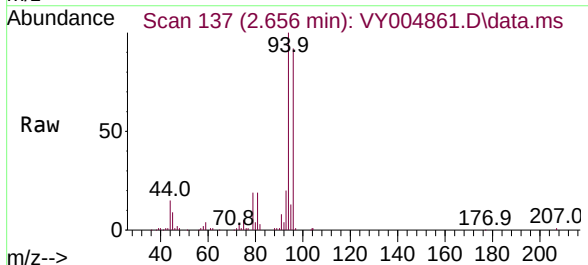
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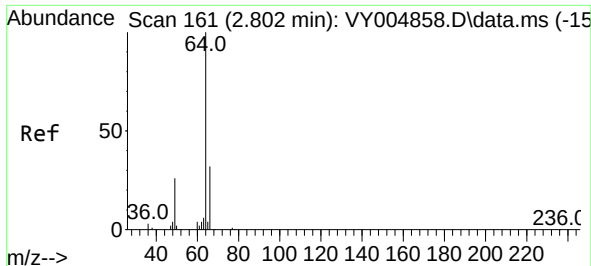
Tgt Ion: 62 Resp: 133507
 Ion Ratio Lower Upper
 62 100
 64 30.8 22.8 42.4



#6
 Bromomethane
 Concen: 29.04 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VY004861.D
 Acq: 21 May 2021 13:41

Tgt Ion: 94 Resp: 58992
 Ion Ratio Lower Upper
 94 100
 96 91.8 65.9 122.5

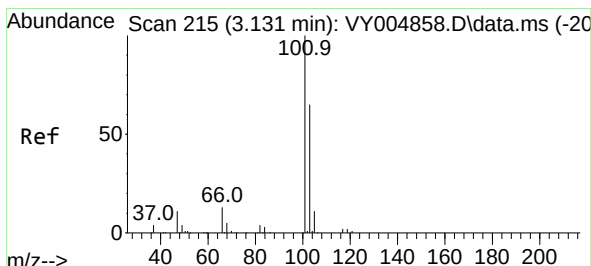
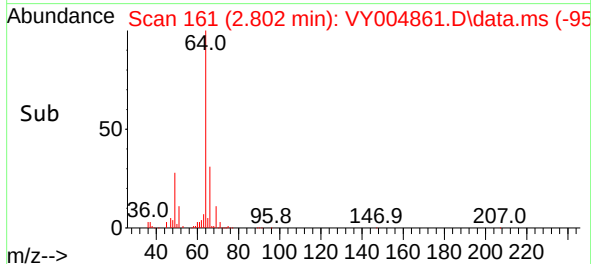
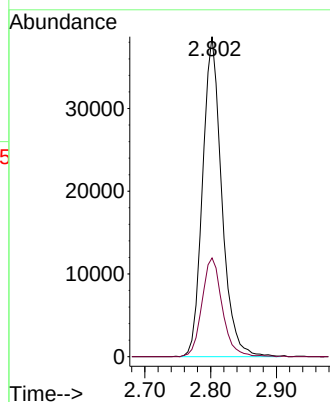
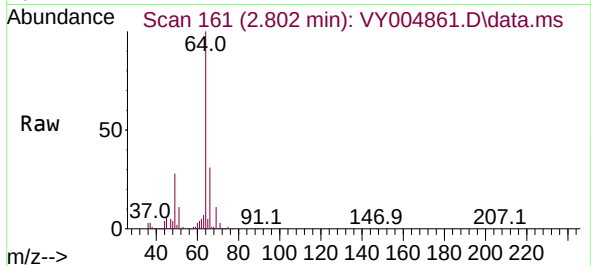




#8
Chloroethane
Concen: 26.01 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

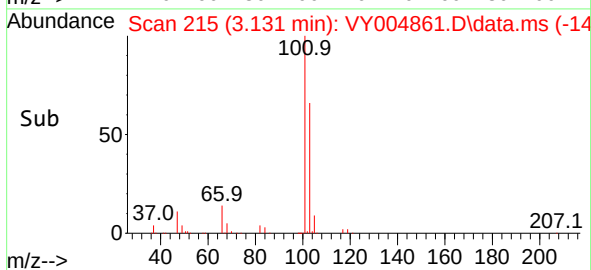
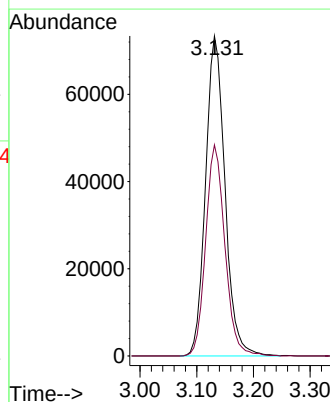
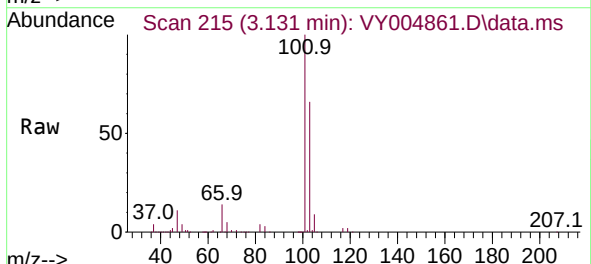
Instrument :
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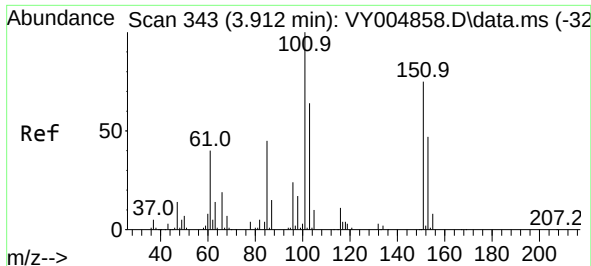
Tgt Ion: 64 Resp: 78379
Ion Ratio Lower Upper
64 100
66 30.9 22.7 42.3



#9
Trichlorofluoromethane
Concen: 26.41 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:101 Resp: 174597
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

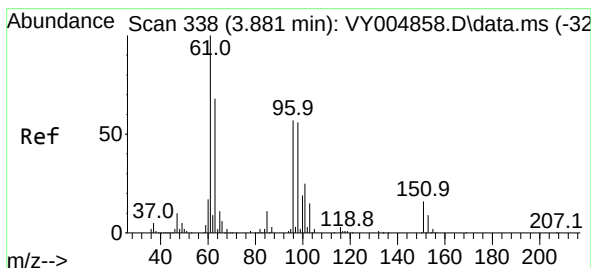
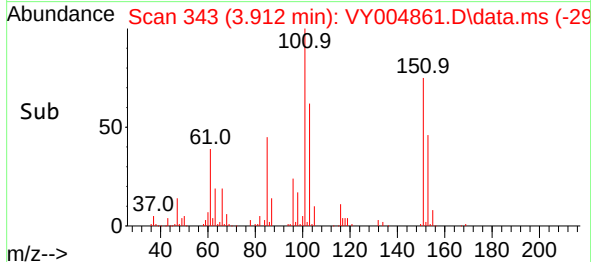
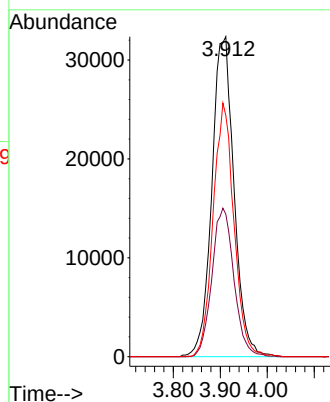
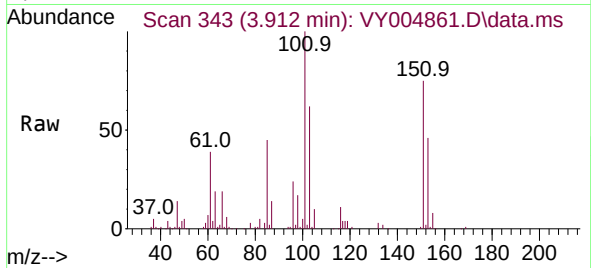




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.98 ug/L
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

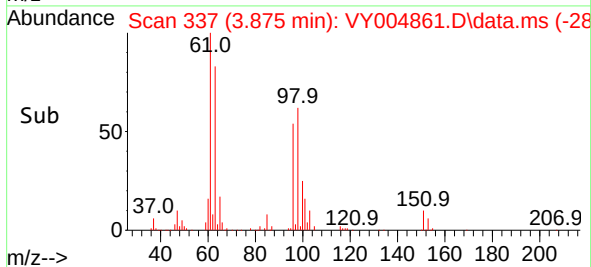
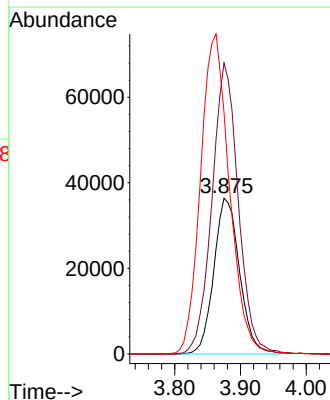
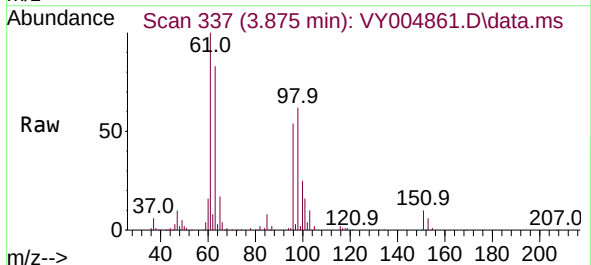
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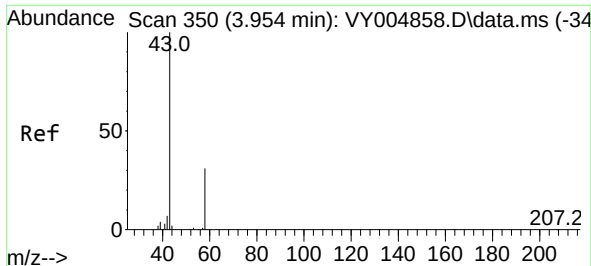
Tgt Ion:	101	Resp:	105991
Ion	Ratio	Lower	Upper
101	100		
85	46.1	36.6	54.8
151	74.5	59.0	88.4



#12
1,1-Dichloroethene
Concen: 27.05 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004861.D
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Tgt Ion:	96	Resp:	98988
Ion	Ratio	Lower	Upper
96	100		
61	186.7	121.2	225.2
63	154.9	86.9	161.3

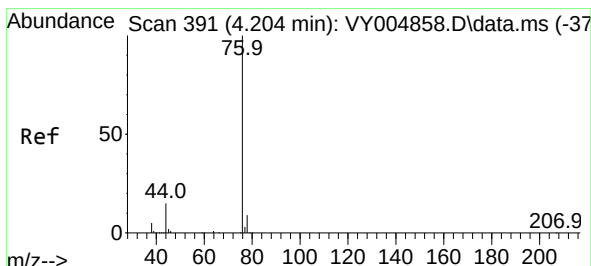
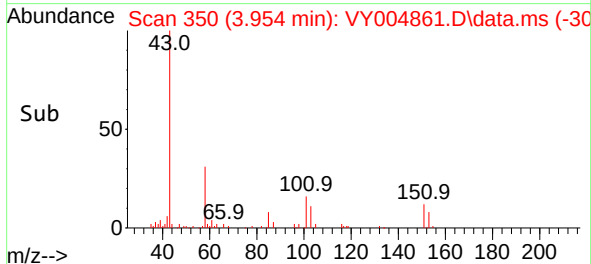
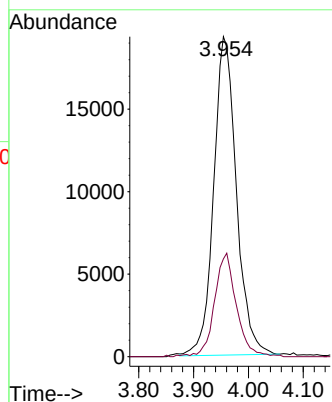
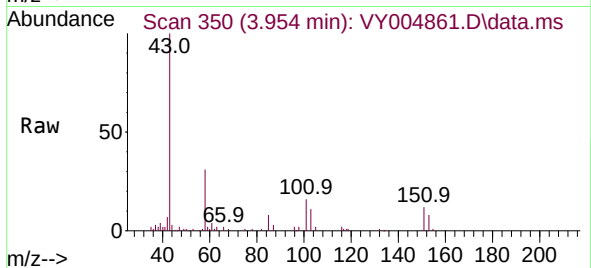




#13
Acetone
Concen: 46.97 ug/L
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

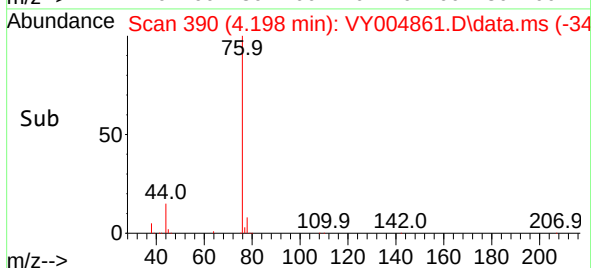
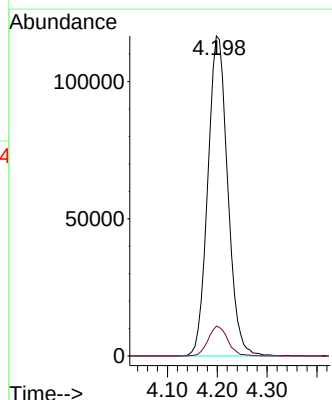
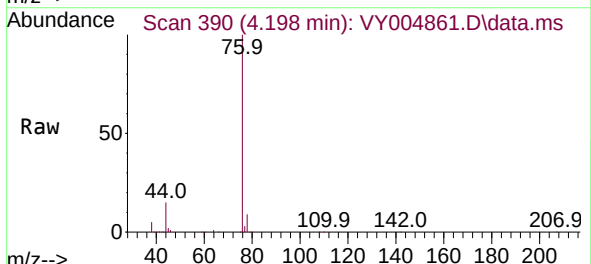
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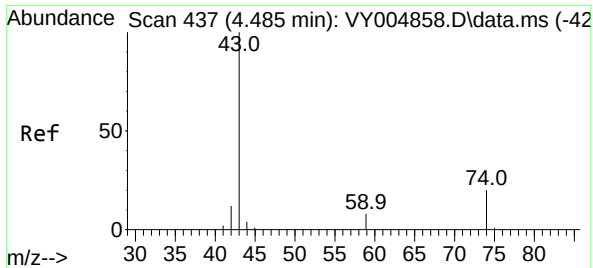
Tgt Ion: 43 Resp: 55576
Ion Ratio Lower Upper
43 100
58 30.9 0.0 61.0



#14
Carbon disulfide
Concen: 27.48 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004861.D
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Tgt Ion: 76 Resp: 323427
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

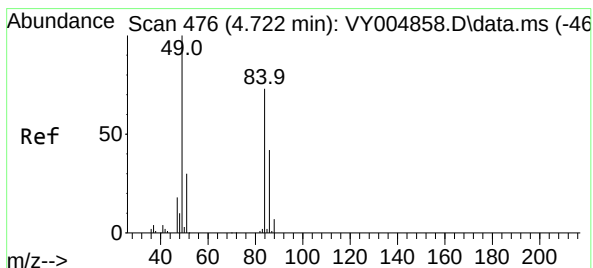
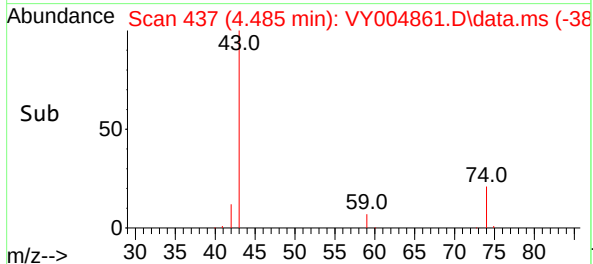
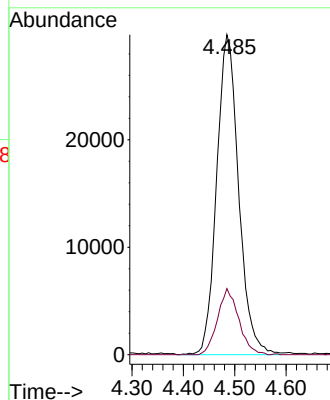
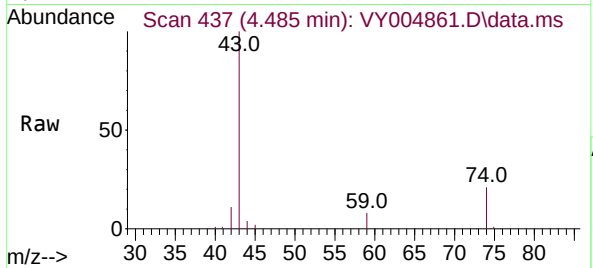




#15
Methyl Acetate
Concen: 26.80 ug/L
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

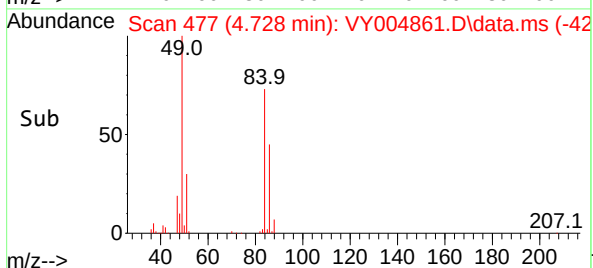
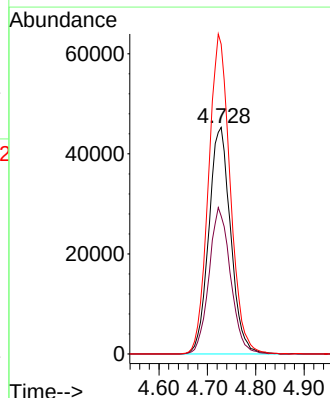
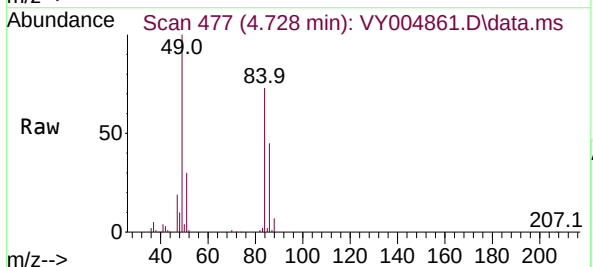
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

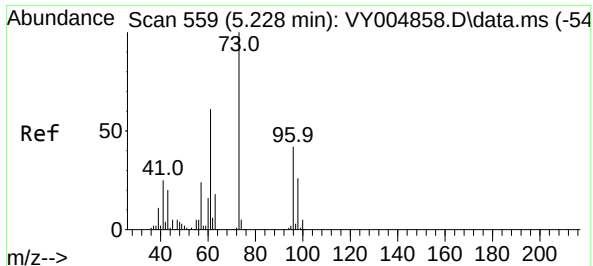
Tgt Ion: 43 Resp: 88435
Ion Ratio Lower Upper
43 100
74 19.9 16.7 25.1



#16
Methylene chloride
Concen: 27.95 ug/L
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 84 Resp: 142037
Ion Ratio Lower Upper
84 100
86 60.9 43.2 80.2
49 136.8 96.0 178.4



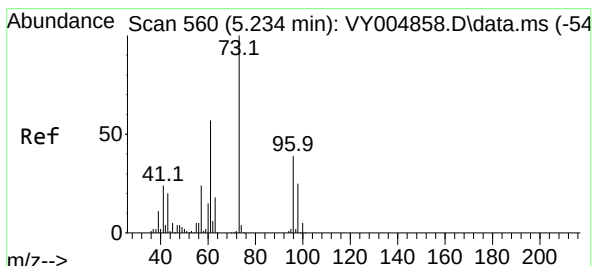
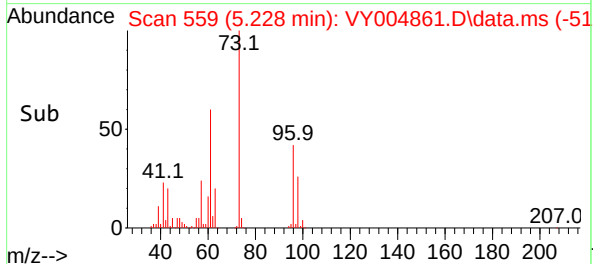
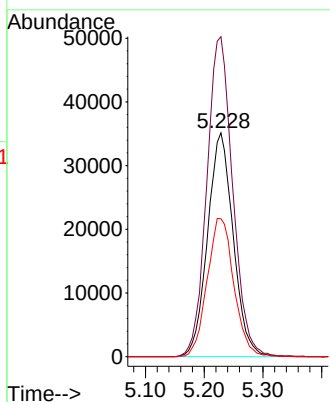
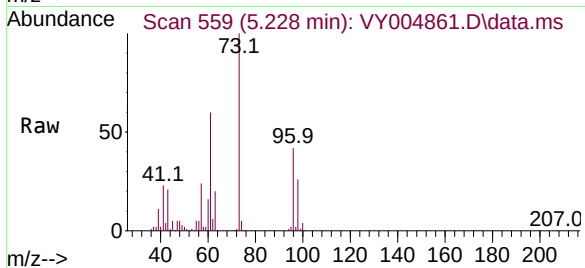


#17

trans-1,2-Dichloroethene
Concen: 26.87 ug/L
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

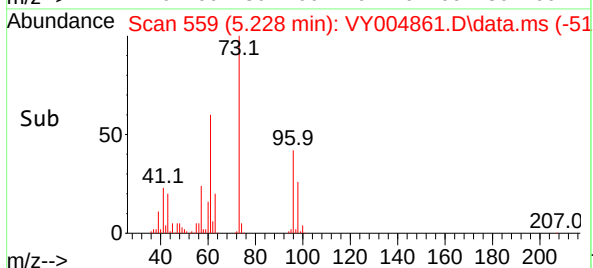
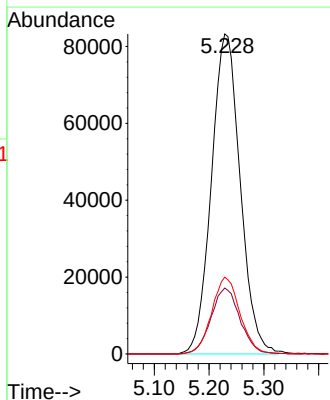
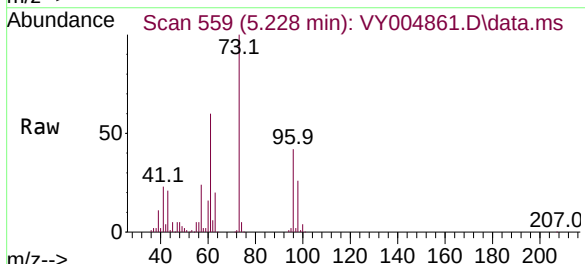
Tgt Ion: 96 Resp: 106644
Ion Ratio Lower Upper
96 100
61 143.0 97.6 181.2
98 61.6 44.8 83.2

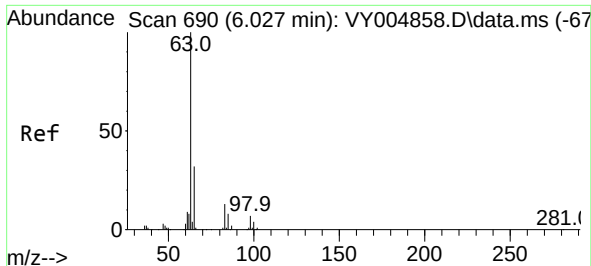


#18

Methyl tert-butyl Ether
Concen: 26.63 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 73 Resp: 303562
Ion Ratio Lower Upper
73 100
43 20.8 16.8 25.2
57 23.5 18.7 28.1





#19

1,1-Dichloroethane

Concen: 27.03 ug/L

RT: 6.027 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY004861.D

Acq: 21 May 2021 13:41

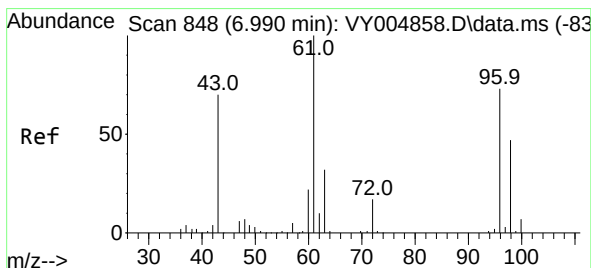
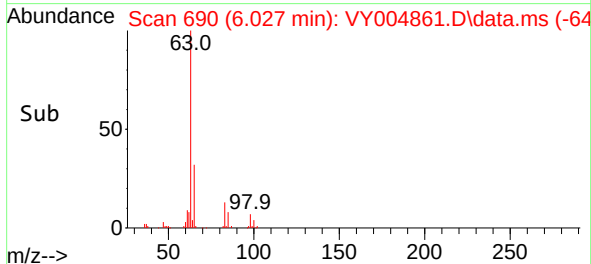
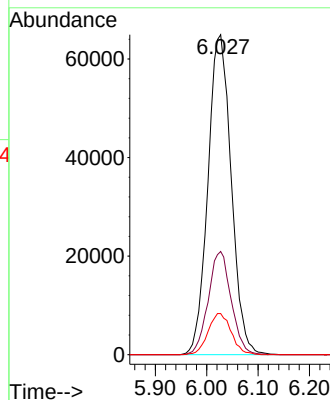
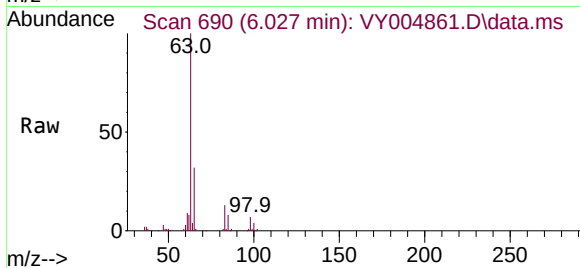
Tgt Ion: 63 Resp: 204605

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

83 12.9 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 26.91 ug/L

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY004861.D

Acq: 21 May 2021 13:41

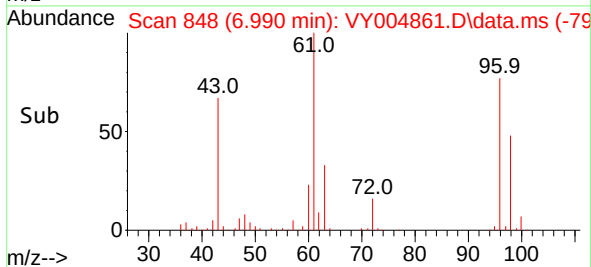
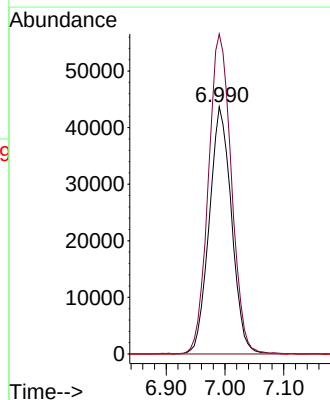
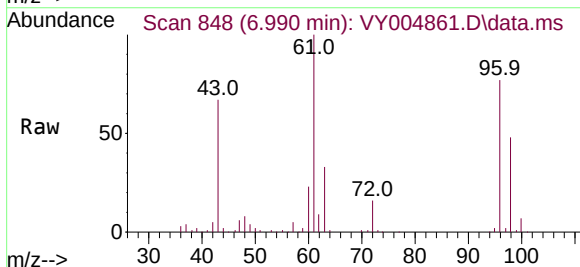
Tgt Ion: 96 Resp: 114842

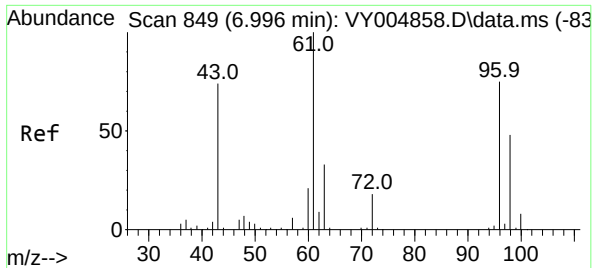
Ion Ratio Lower Upper

96 100

61 129.4 94.8 176.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 51.03 ug/L

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

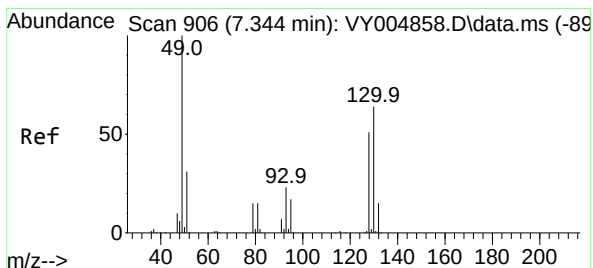
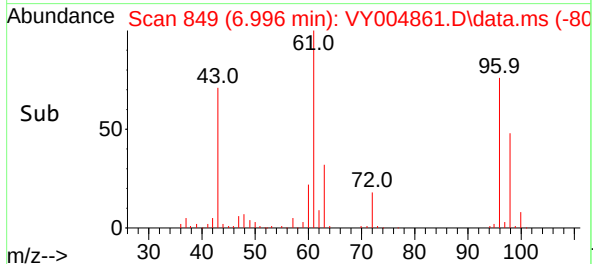
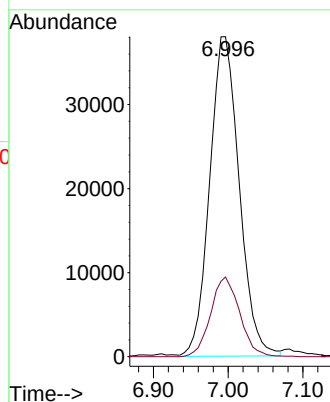
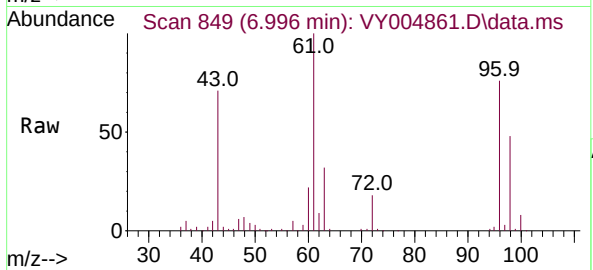
Lab File: VY004861.D

Acq: 21 May 2021 13:41

Tgt Ion: 43 Resp: 104535

Ion Ratio Lower Upper

43	100		
72	24.5	12.2	36.6



#23

Bromochloromethane

Concen: 26.58 ug/L

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

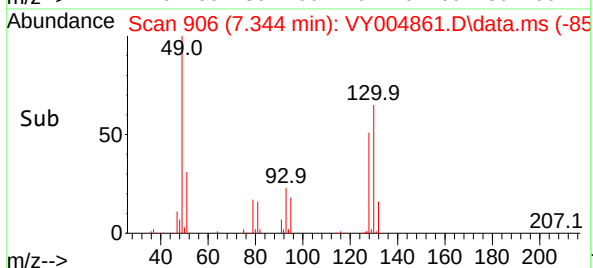
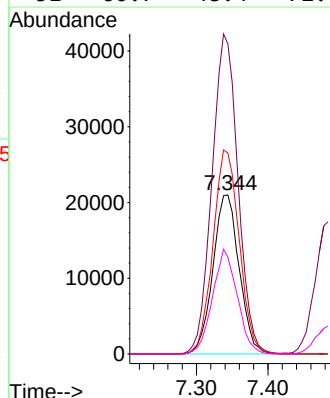
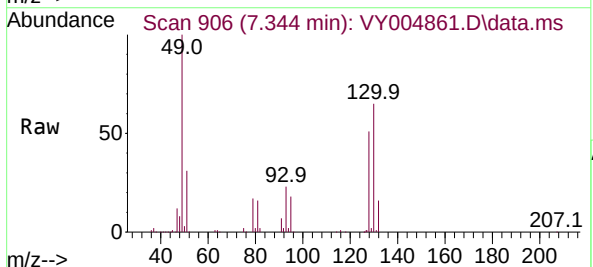
Lab File: VY004861.D

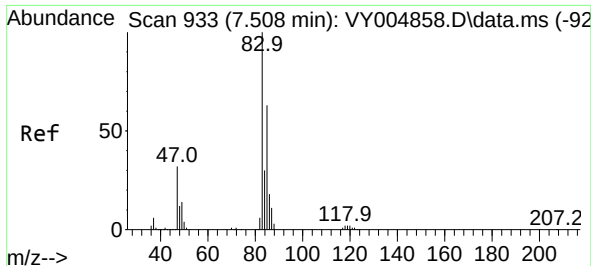
Acq: 21 May 2021 13:41

Tgt Ion: 128 Resp: 53492

Ion Ratio Lower Upper

128	100		
49	195.0	138.9	258.1
130	126.4	88.3	164.1
51	60.7	48.4	72.6

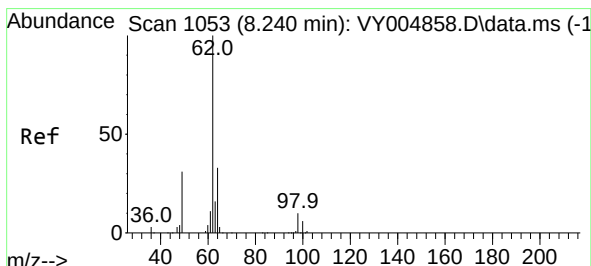
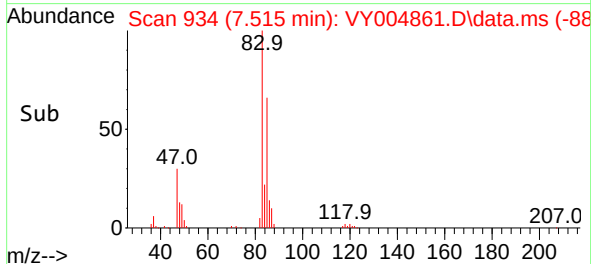
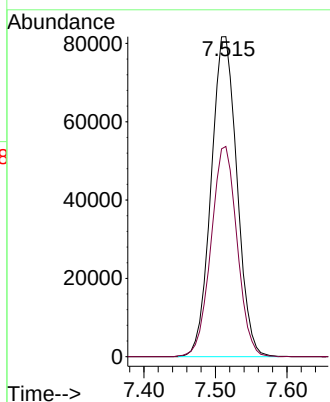
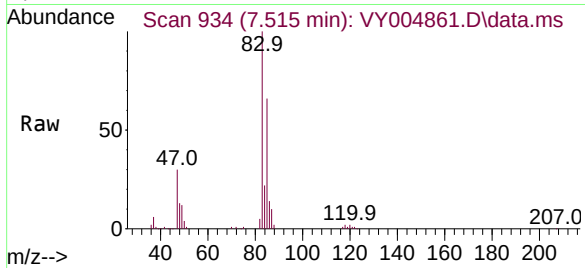




#25
Chloroform
Concen: 26.45 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

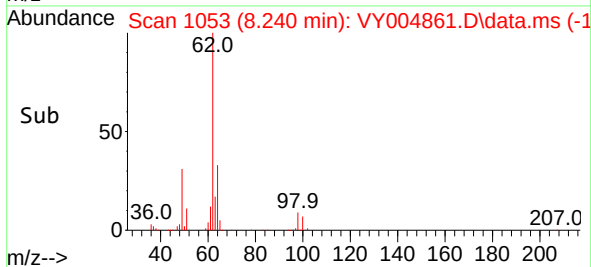
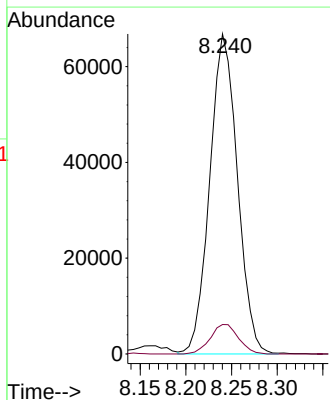
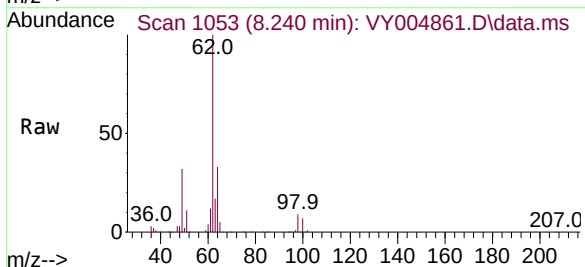
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

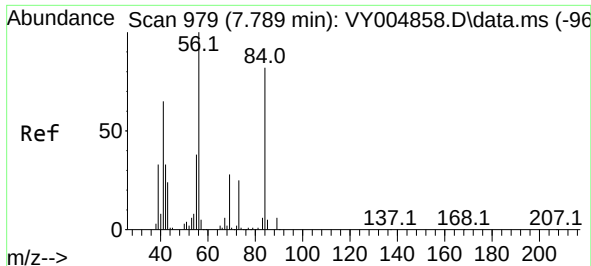
Tgt Ion: 83 Resp: 205176
Ion Ratio Lower Upper
83 100
85 65.7 45.4 84.4



#27
1,2-Dichloroethane
Concen: 26.28 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 62 Resp: 140802
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3





#29

Cyclohexane

Concen: 27.60 ug/L

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY004861.D

Acq: 21 May 2021 13:41

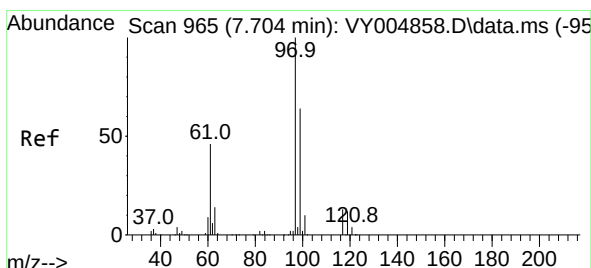
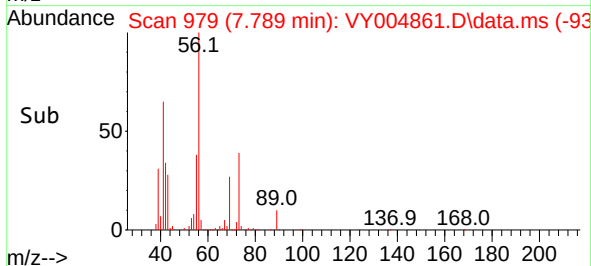
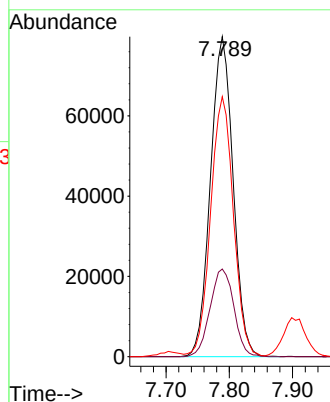
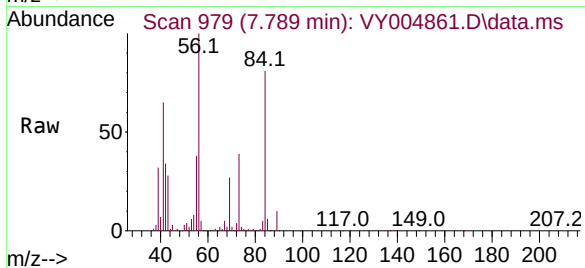
Instrument :

MSVOA_Y

ClientSampleId :

VSTD025143

Tgt Ion:	56	Resp:	198064
Ion	Ratio	Lower	Upper
56	100		
69	28.7	22.6	33.8
84	82.0	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 26.74 ug/L

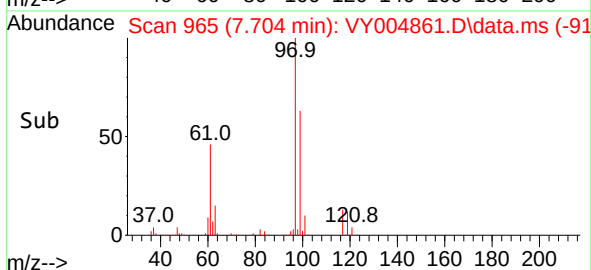
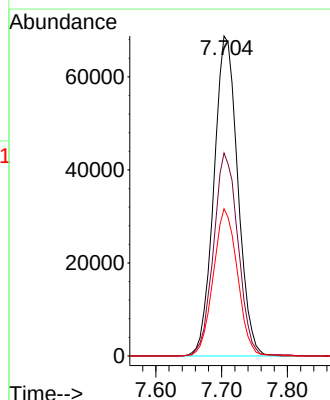
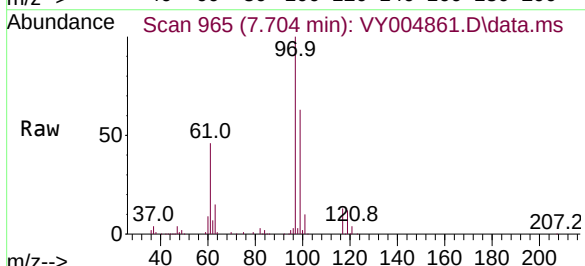
RT: 7.704 min Scan# 965

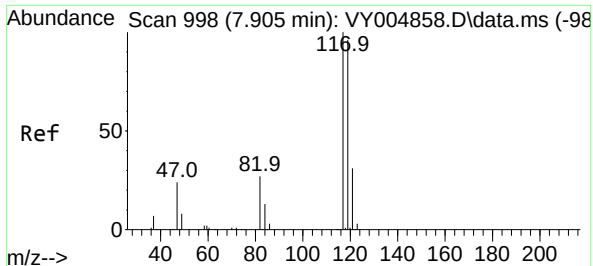
Delta R.T. 0.000 min

Lab File: VY004861.D

Acq: 21 May 2021 13:41

Tgt Ion:	97	Resp:	174293
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.8	77.6
61	46.4	37.3	55.9

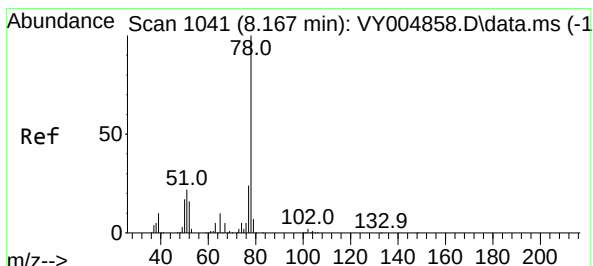
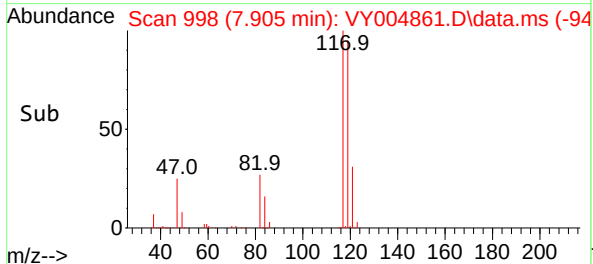
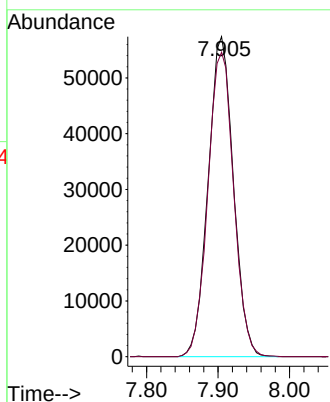
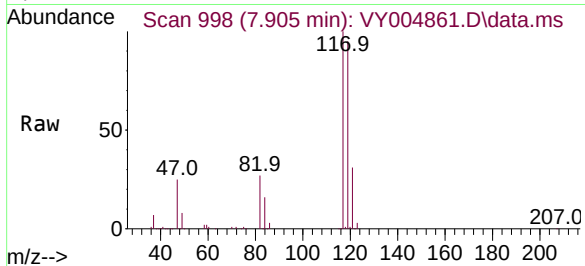




#31
Carbon tetrachloride
Concen: 27.40 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

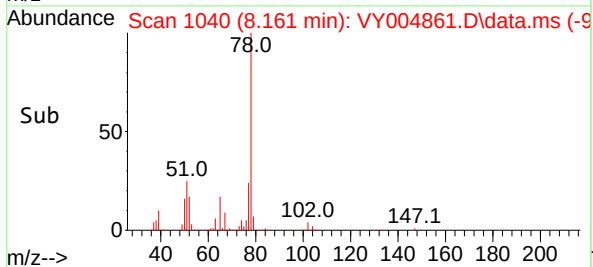
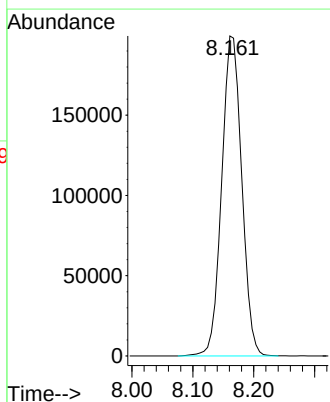
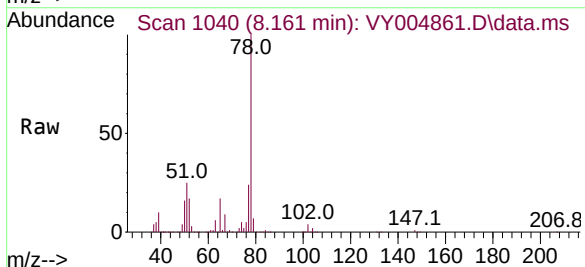
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

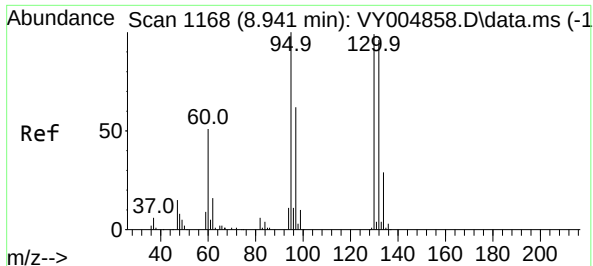
Tgt Ion:117 Resp: 140783
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.2



#33
Benzene
Concen: 26.66 ug/L
RT: 8.161 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 78 Resp: 455195

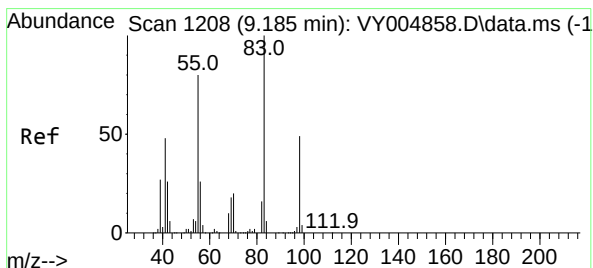
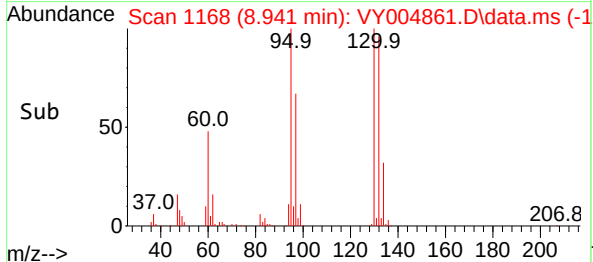
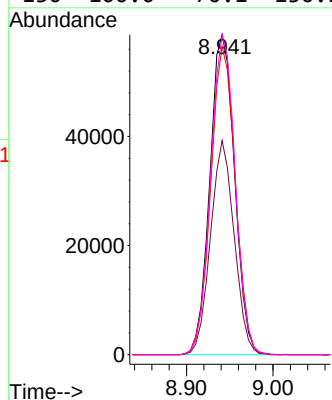
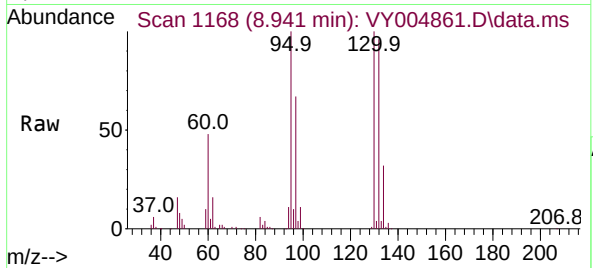




#34
Trichloroethene
Concen: 26.98 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

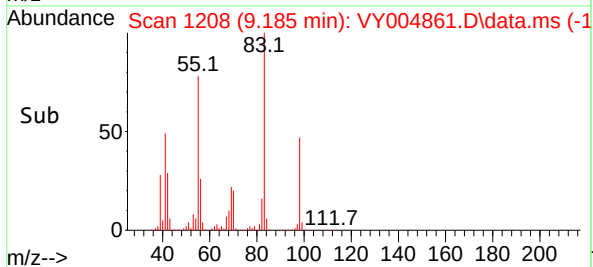
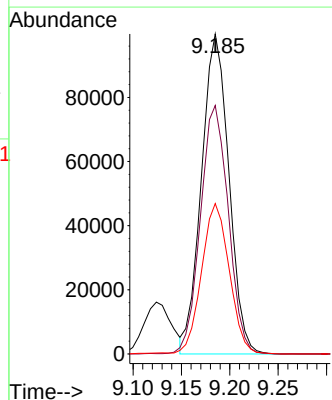
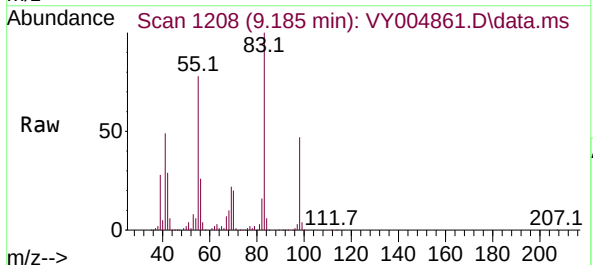
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

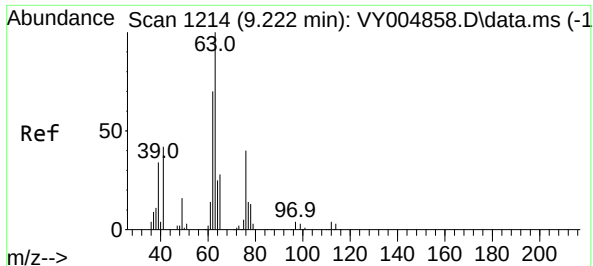
Tgt Ion:	95	Resp:	116360
Ion	Ratio	Lower	Upper
95	100		
97	66.9	44.2	82.2
132	96.3	66.8	124.0
130	100.0	70.1	130.1



#35
Methylcyclohexane
Concen: 27.18 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:	83	Resp:	197046
Ion	Ratio	Lower	Upper
83	100		
55	78.9	63.9	95.9
98	47.5	38.7	58.1

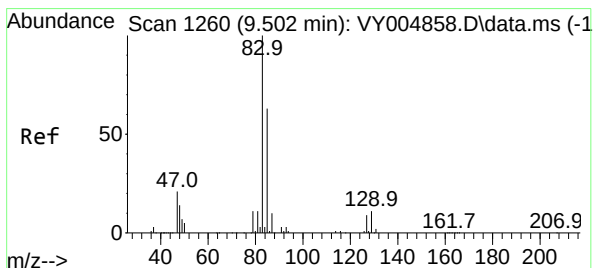
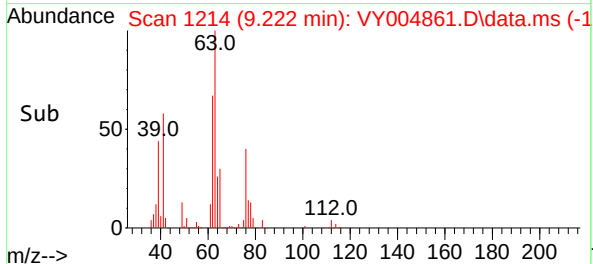
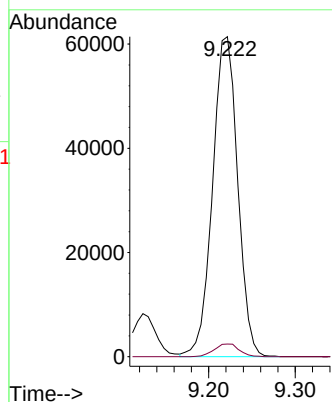
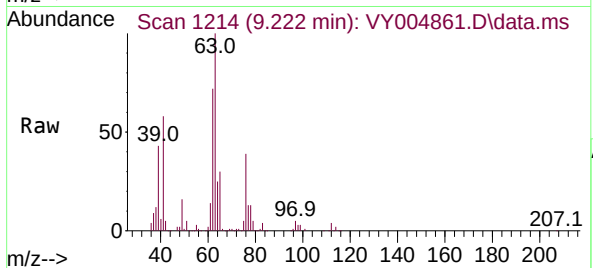




#37
1,2-Dichloropropane
Concen: 27.18 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

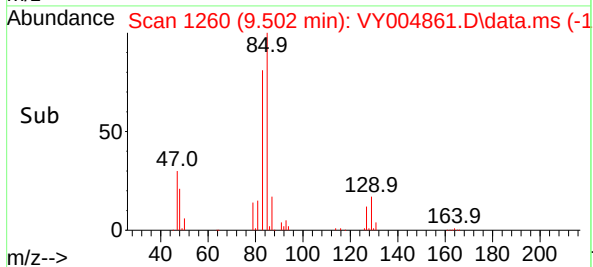
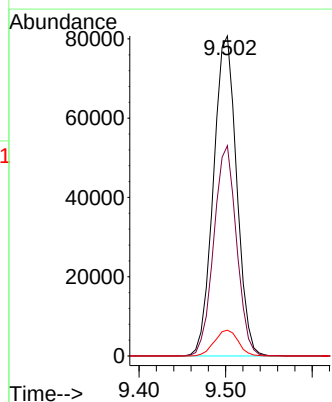
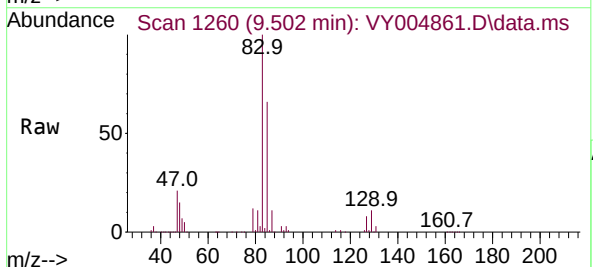
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

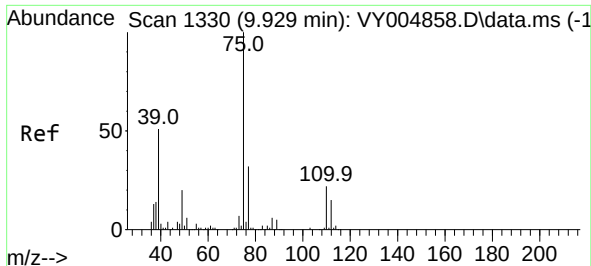
Tgt Ion: 63 Resp: 123831
Ion Ratio Lower Upper
63 100
112 4.0 3.1 4.7



#38
Bromodichloromethane
Concen: 26.79 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 83 Resp: 150400
Ion Ratio Lower Upper
83 100
85 65.7 44.1 81.9
127 8.0 6.9 10.3

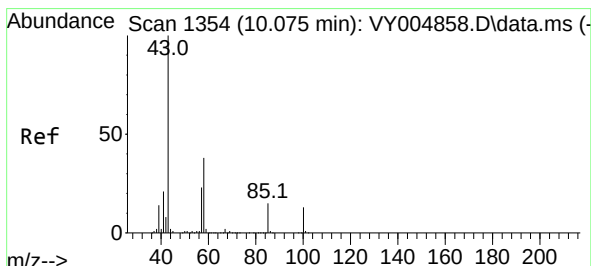
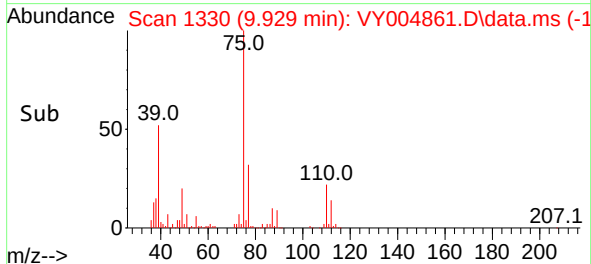
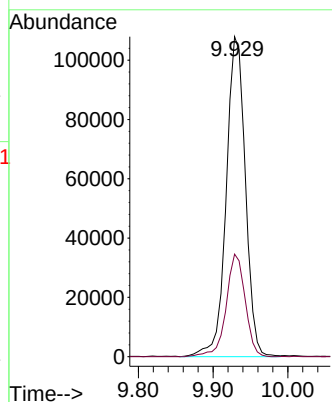
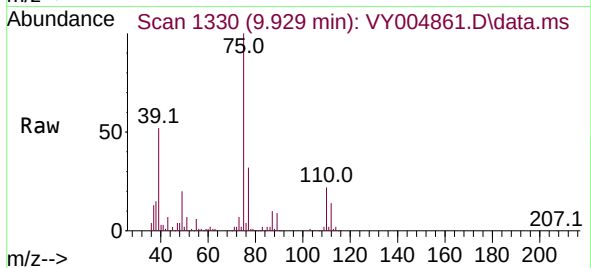




#39
cis-1,3-Dichloropropene
Concen: 27.20 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

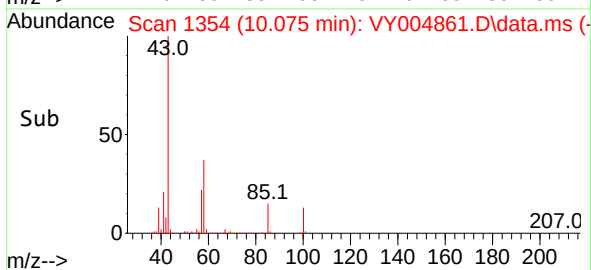
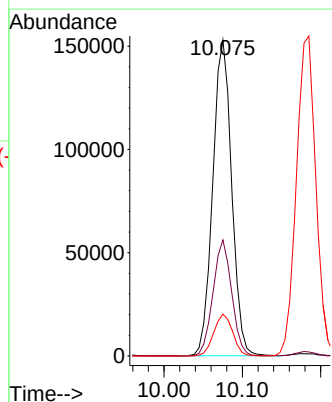
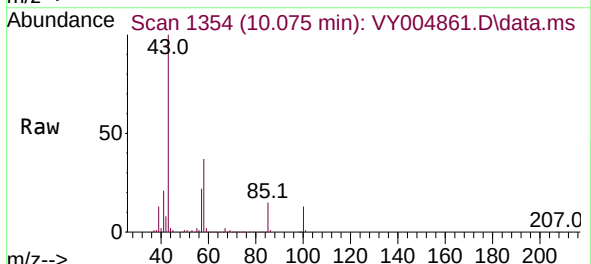
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

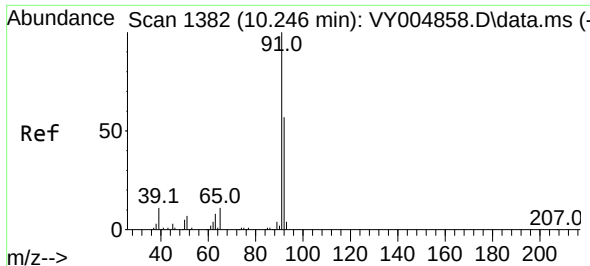
Tgt Ion: 75 Resp: 192342
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 52.85 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 43 Resp: 256625
Ion Ratio Lower Upper
43 100
58 36.3 28.5 42.7
100 13.2 10.4 15.6

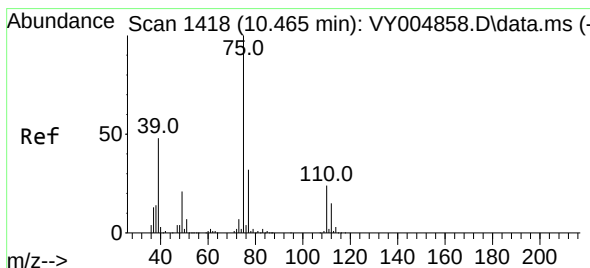
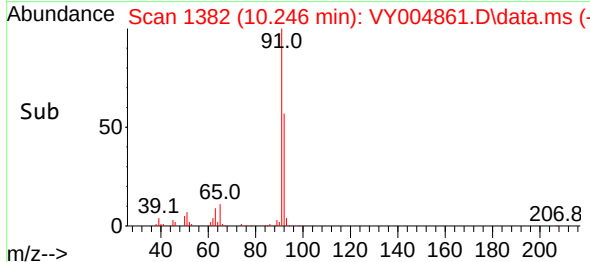
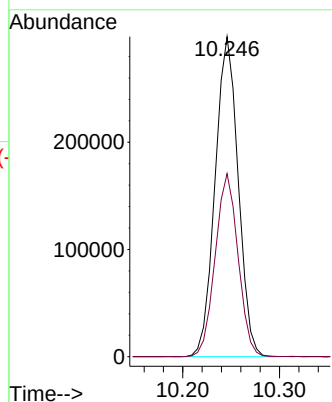
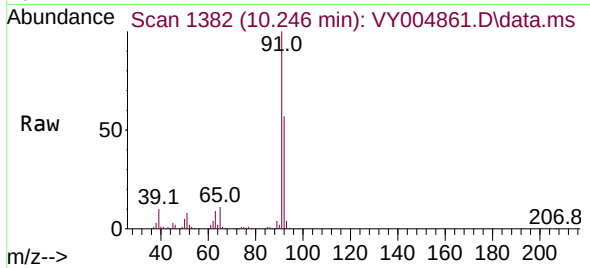




#42
Toluene
Concen: 27.39 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

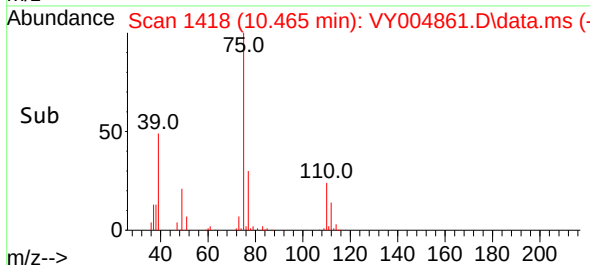
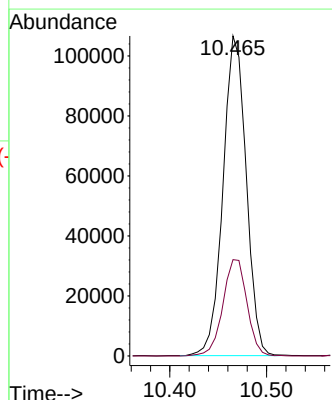
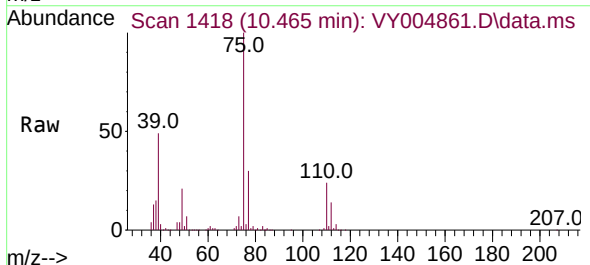
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

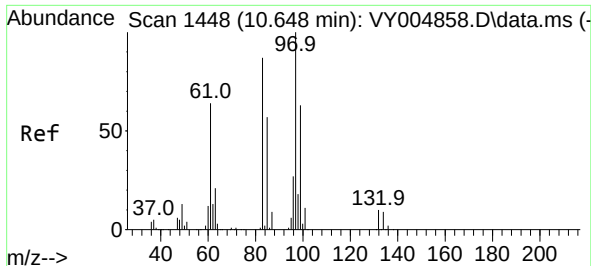
Tgt Ion: 91 Resp: 494412
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 27.02 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 75 Resp: 177408
Ion Ratio Lower Upper
75 100
77 30.1 21.8 40.4

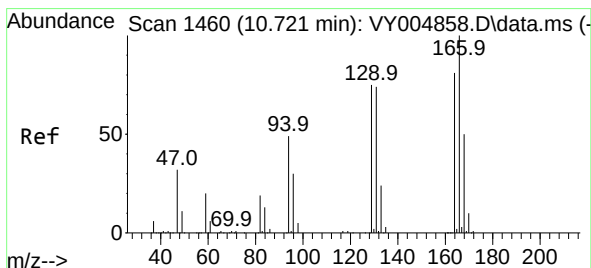
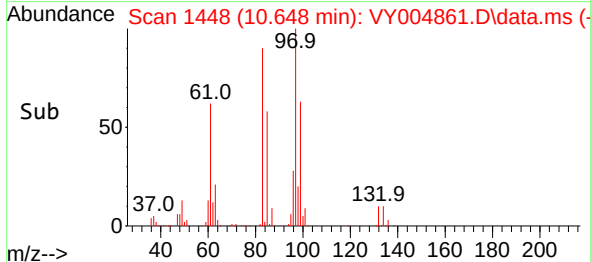
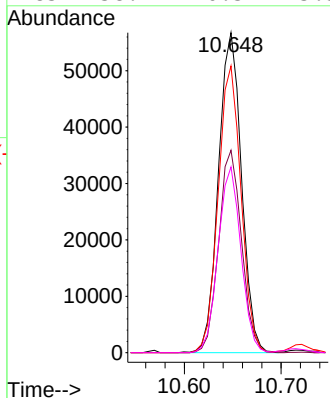
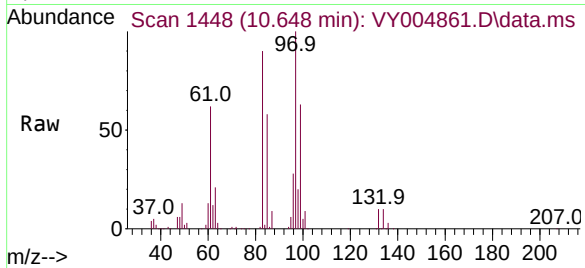




#45
1,1,2-Trichloroethane
Concen: 26.55 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

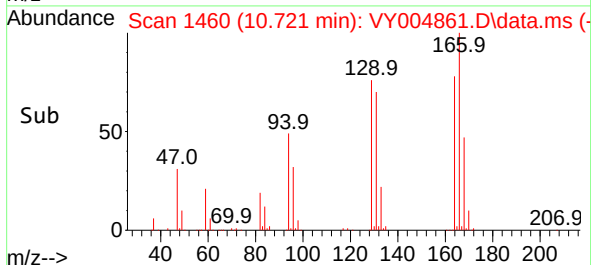
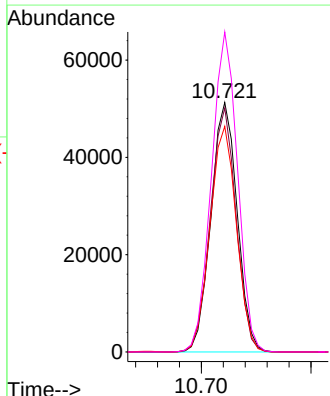
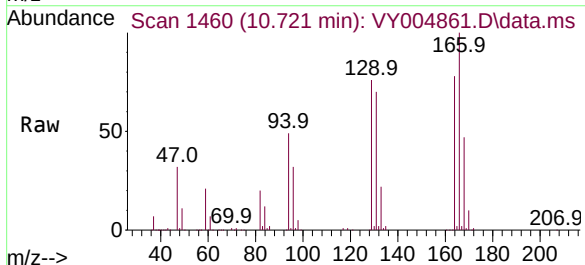
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

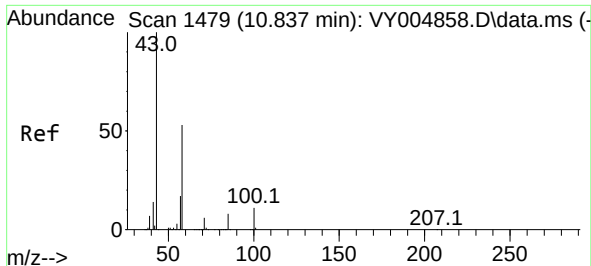
Tgt Ion:	97	Resp:	93948
Ion	Ratio	Lower	Upper
97	100		
99	63.3	44.2	82.0
83	89.6	61.1	113.5
85	58.1	40.5	75.3



#46
Tetrachloroethene
Concen: 26.16 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:	164	Resp:	85019
Ion	Ratio	Lower	Upper
164	100		
129	97.8	65.9	122.3
131	90.4	61.9	115.1
166	128.2	85.3	158.3

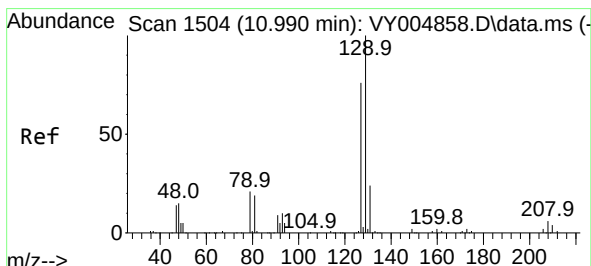
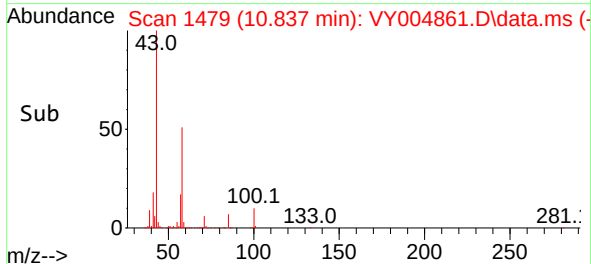
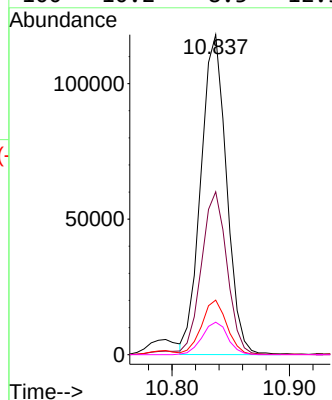
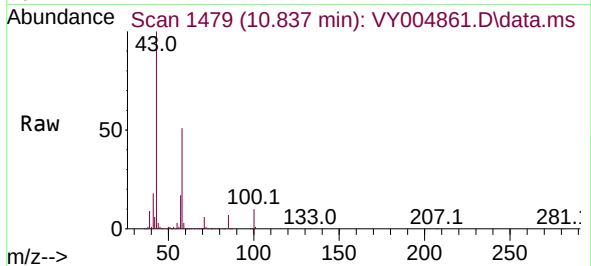




#48
2-Hexanone
Concen: 54.69 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

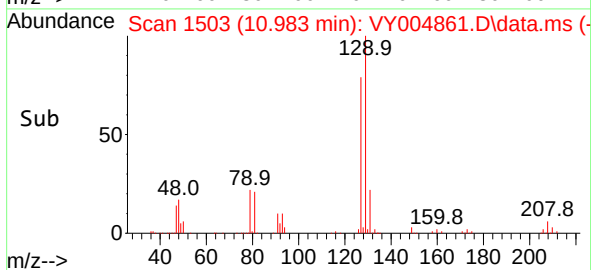
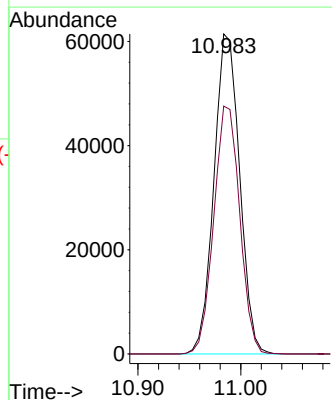
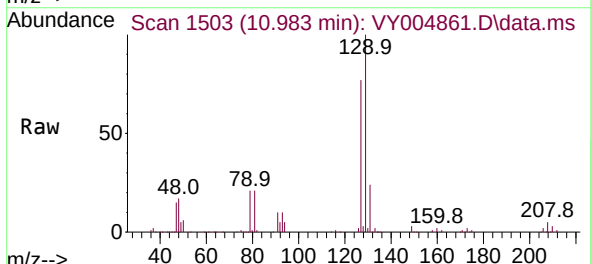
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

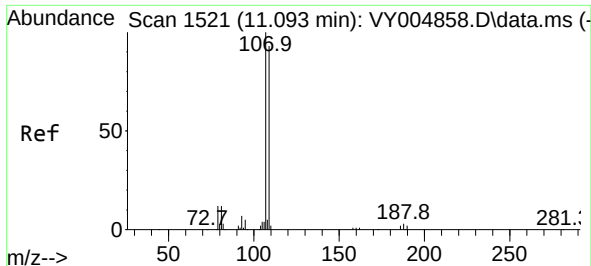
Tgt Ion:	43	Resp:	179242
Ion	Ratio	Lower	Upper
43	100		
58	50.9	41.1	61.7
57	16.8	13.8	20.6
100	10.2	8.3	12.5



#49
Dibromochloromethane
Concen: 26.76 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:	129	Resp:	106693
Ion	Ratio	Lower	Upper
129	100		
127	77.4	52.8	98.0

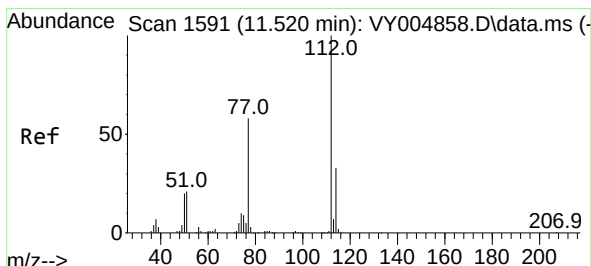
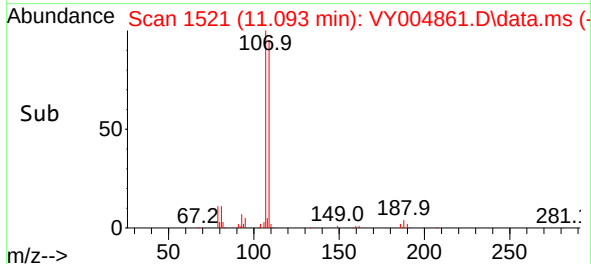
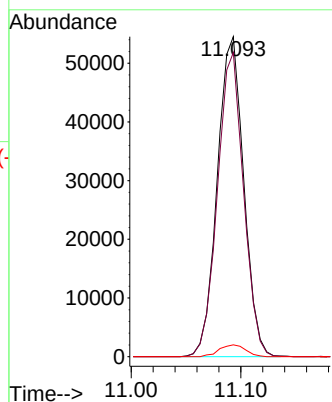
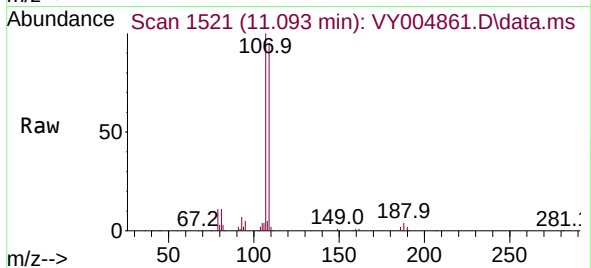




#50
1,2-Dibromoethane
Concen: 26.69 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

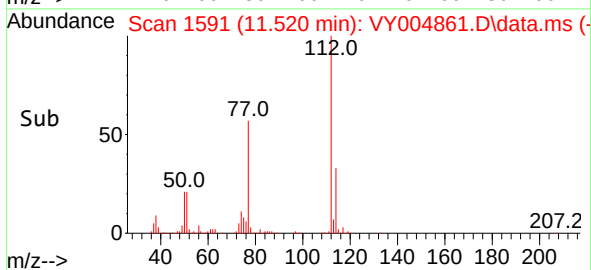
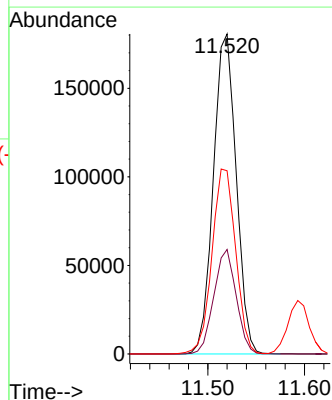
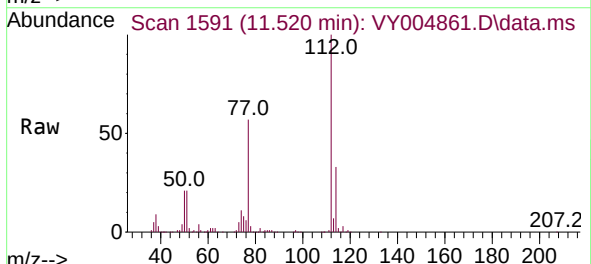
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

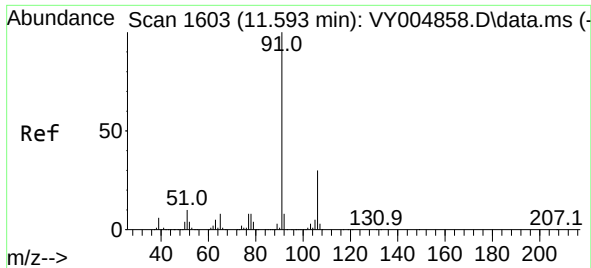
Tgt Ion:107 Resp: 91281
Ion Ratio Lower Upper
107 100
109 95.0 65.7 121.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 26.54 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:112 Resp: 296255
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 57.2 46.5 69.7

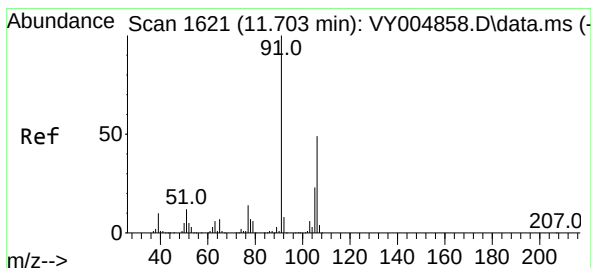
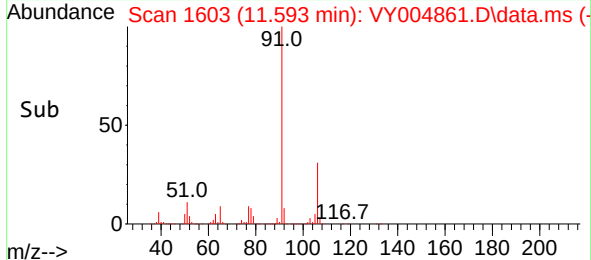
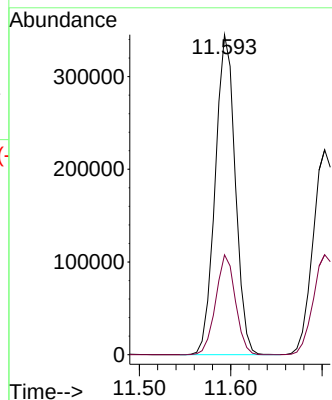
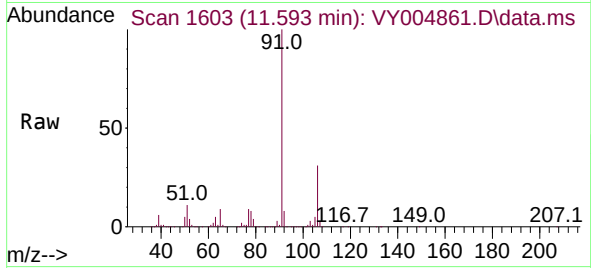




#52
Ethylbenzene
Concen: 27.01 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

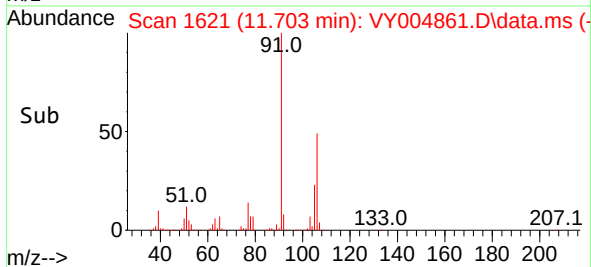
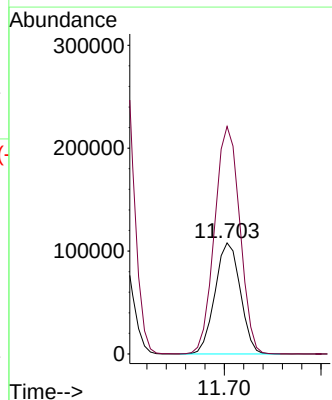
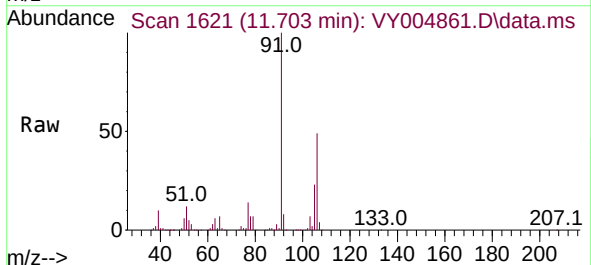
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

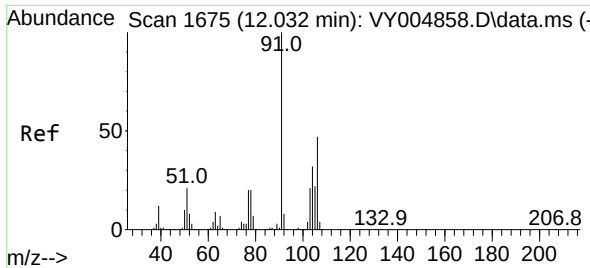
Tgt Ion: 91 Resp: 525924
Ion Ratio Lower Upper
91 100
106 31.2 21.2 39.4



#53
m,p-Xylene
Concen: 27.15 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:106 Resp: 195901
Ion Ratio Lower Upper
106 100
91 205.0 145.7 270.5

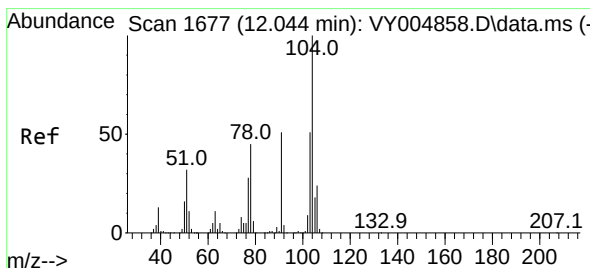
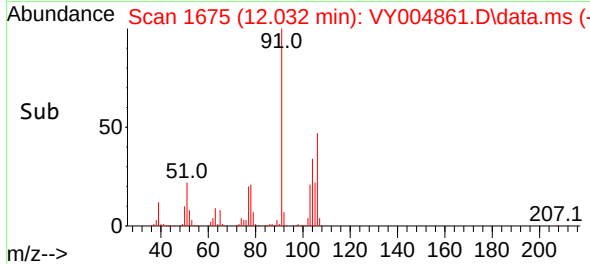
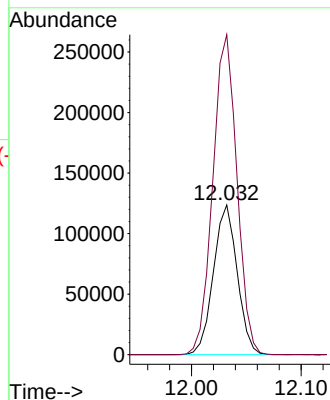
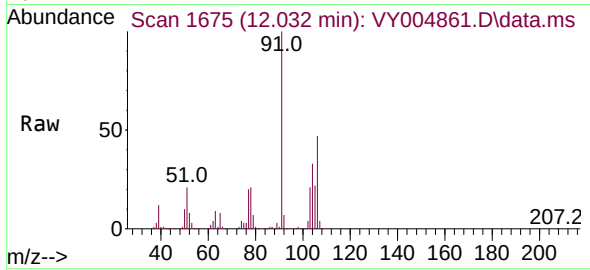




#54
o-Xylene
Concen: 27.10 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

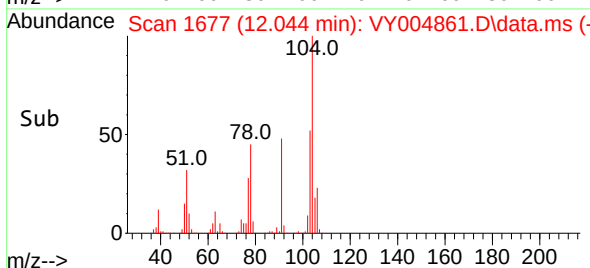
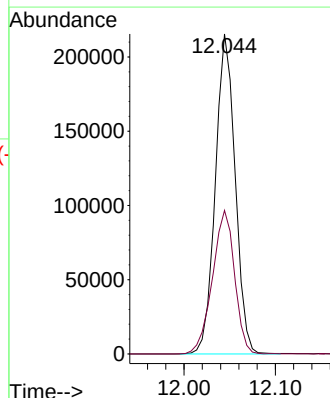
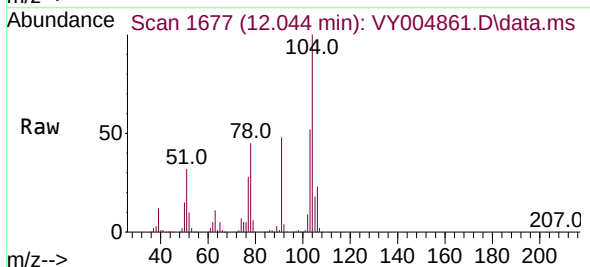
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

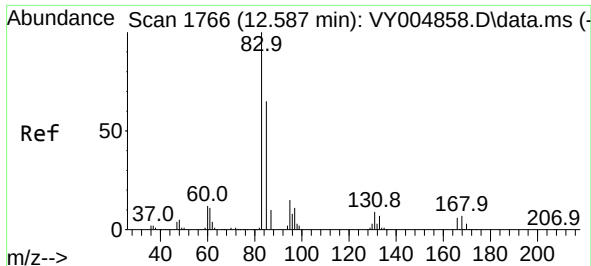
Tgt Ion:106 Resp: 186500
Ion Ratio Lower Upper
106 100
91 213.8 150.6 279.6



#55
Styrene
Concen: 27.38 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:104 Resp: 324521
Ion Ratio Lower Upper
104 100
78 44.8 31.8 59.0

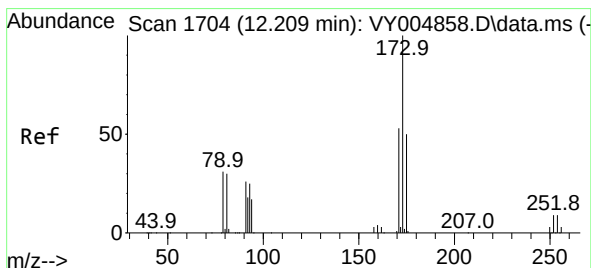
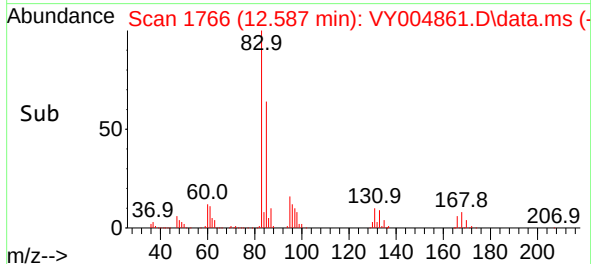
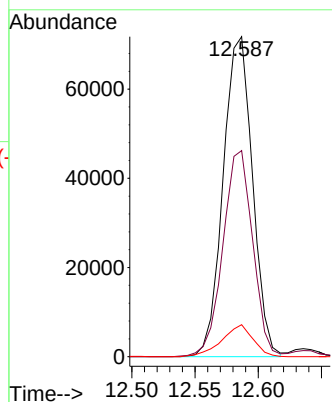
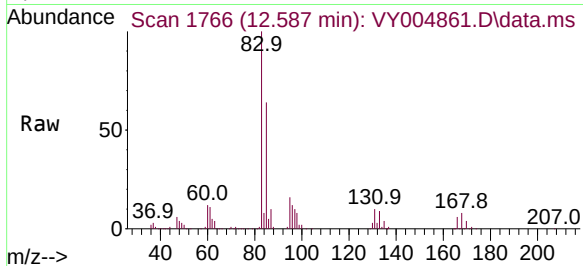




#57
1,1,2,2-Tetrachloroethane
Concen: 26.82 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

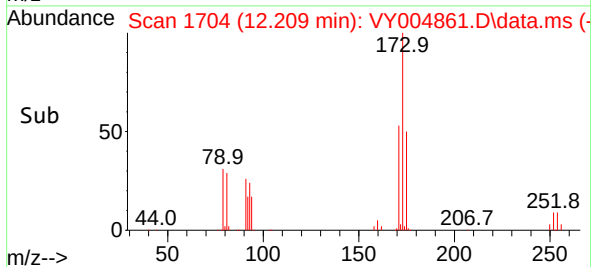
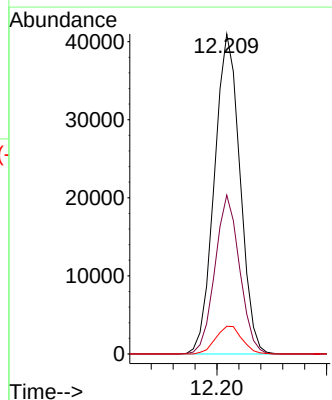
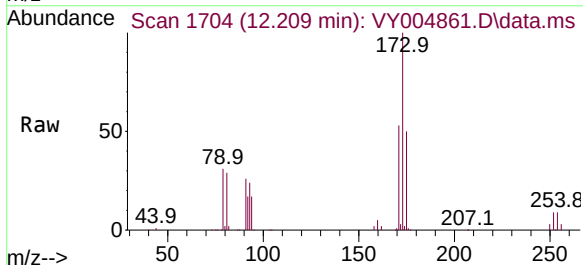
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

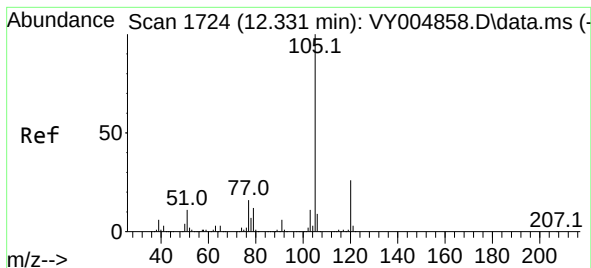
Tgt Ion: 83 Resp: 115853
Ion Ratio Lower Upper
83 100
85 64.4 45.0 83.6
131 10.0 6.9 10.3



#59
Bromoform
Concen: 26.39 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 173 Resp: 66554
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 8.9 7.3 10.9

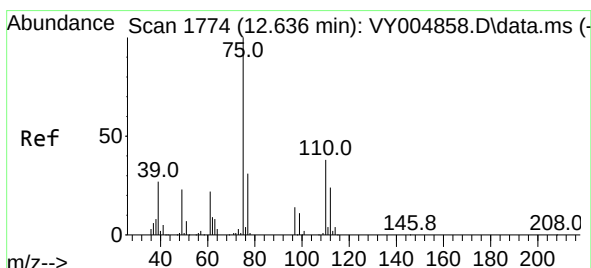
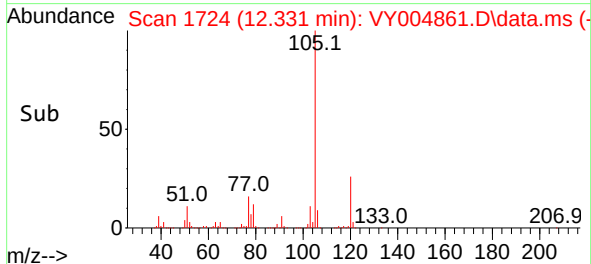
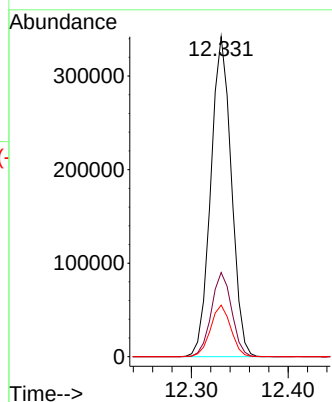
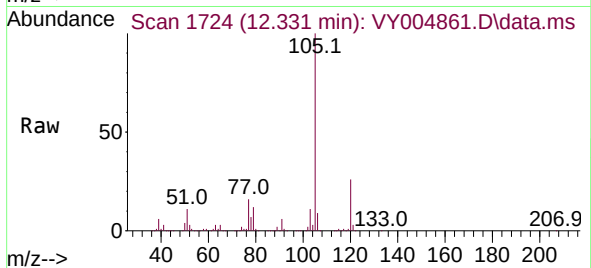




#60
Isopropylbenzene
Concen: 27.14 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

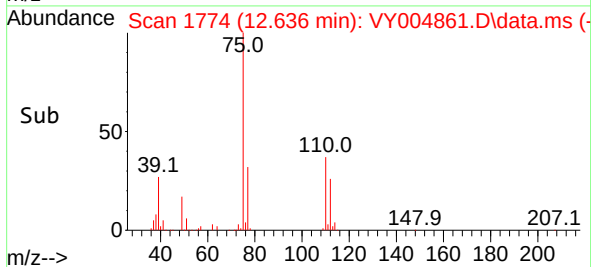
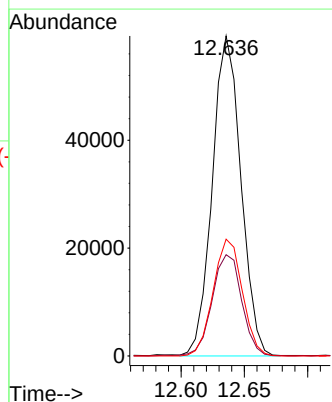
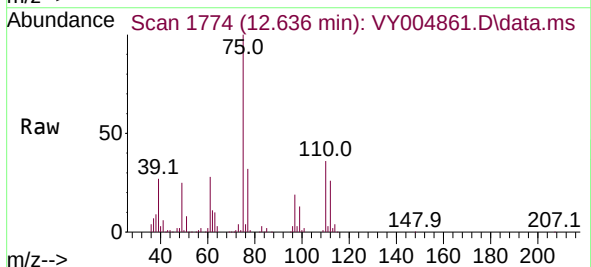
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

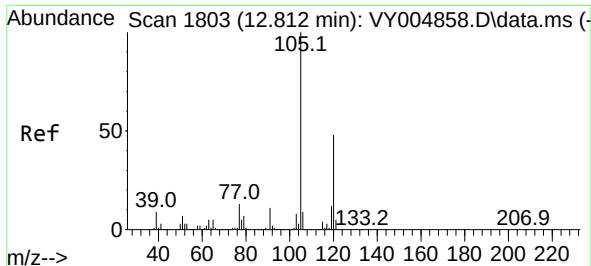
Tgt Ion:105 Resp: 504923
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.6
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.97 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 75 Resp: 93457
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 37.0 30.8 46.2

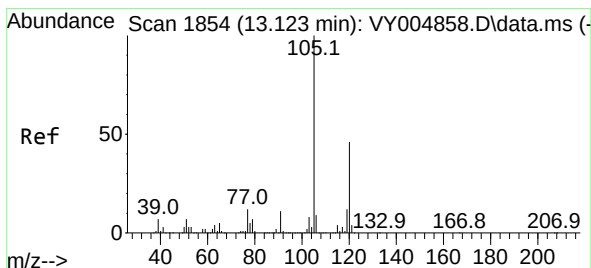
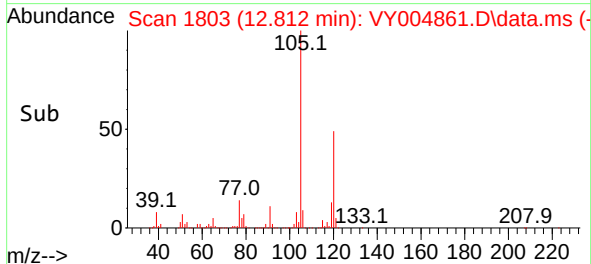
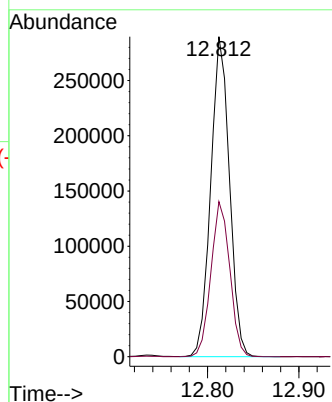
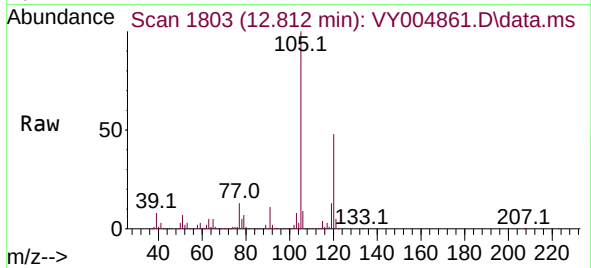




#62
1,3,5-Trimethylbenzene
Concen: 27.51 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

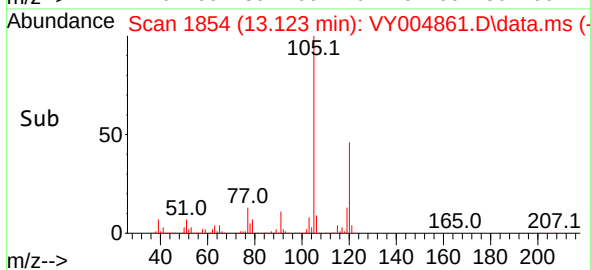
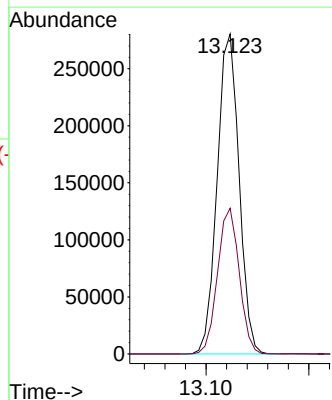
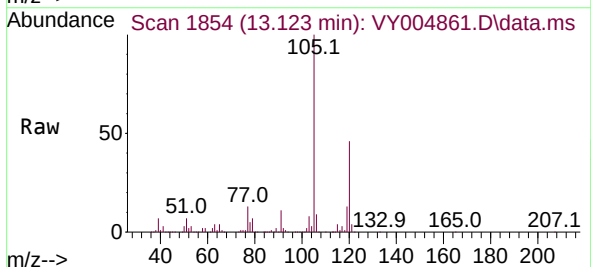
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

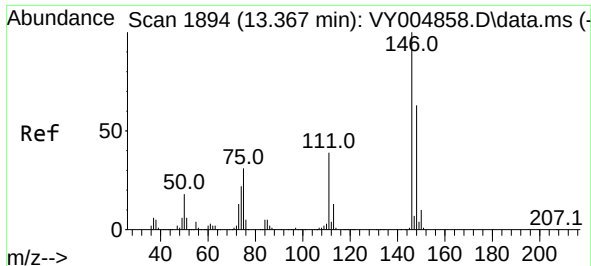
Tgt Ion:105 Resp: 411412
Ion Ratio Lower Upper
105 100
120 48.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 27.73 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:105 Resp: 413929
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4

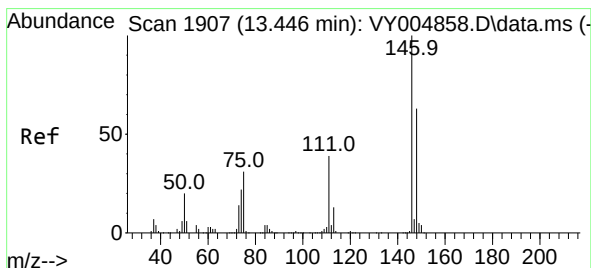
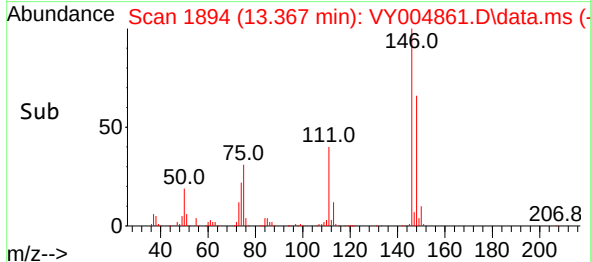
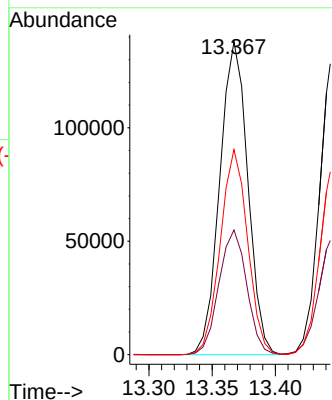
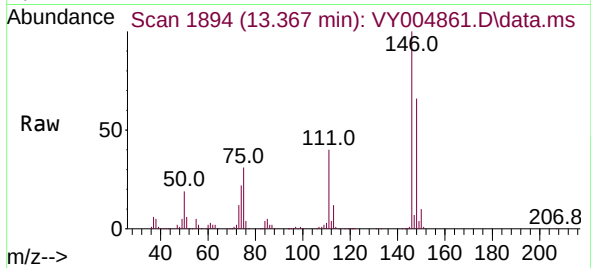




#64
1,3-Dichlorobenzene
Concen: 26.82 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

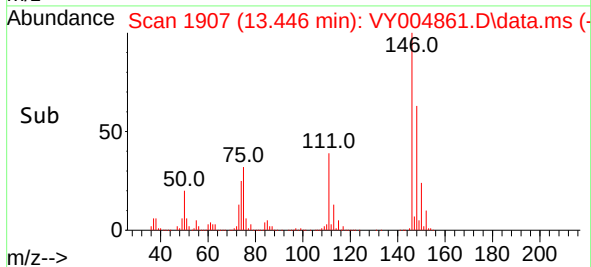
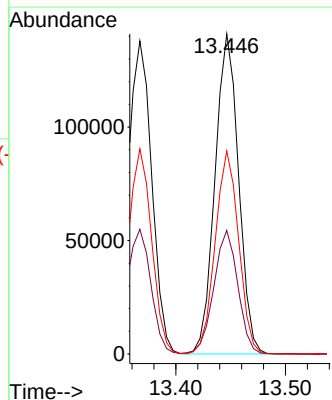
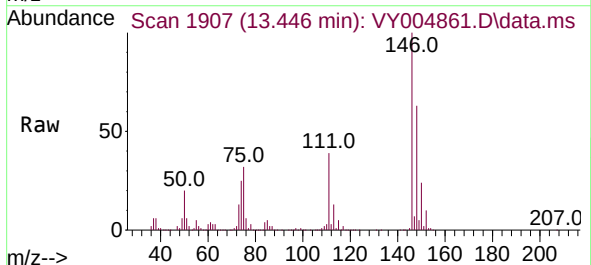
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

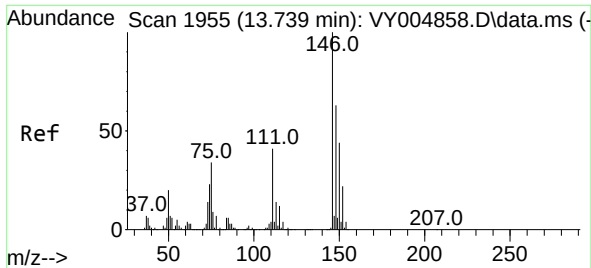
Tgt Ion:146 Resp: 212502
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 65.6 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 26.29 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:146 Resp: 210906
Ion Ratio Lower Upper
146 100
111 38.6 26.4 49.0
148 63.5 44.3 82.3

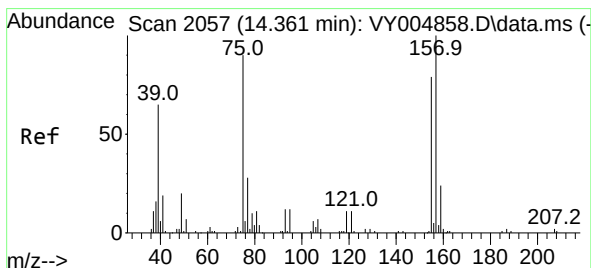
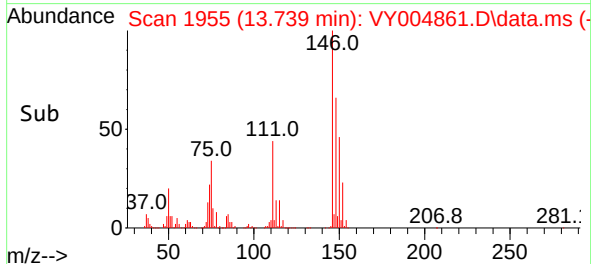
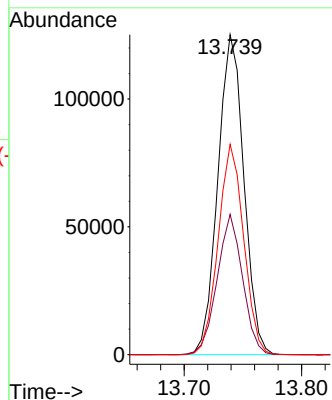
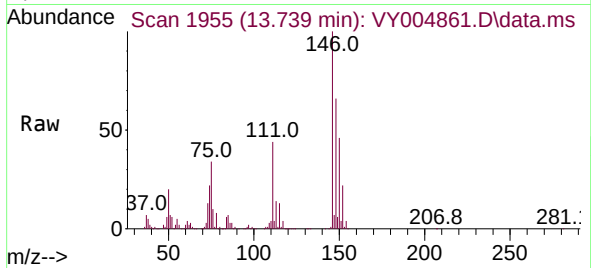




#67
1,2-Dichlorobenzene
Concen: 26.24 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

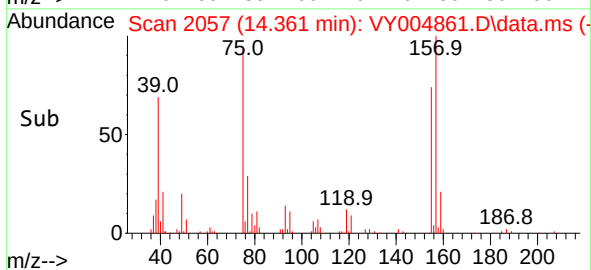
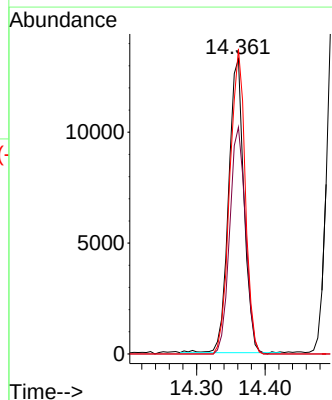
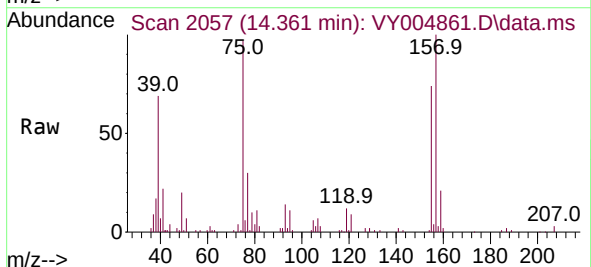
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

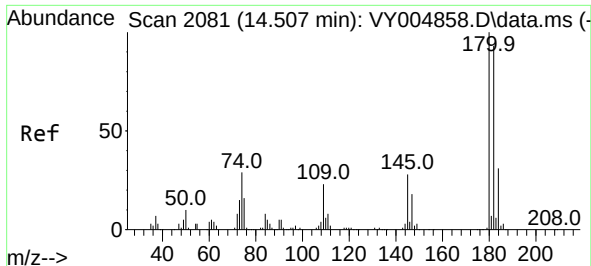
Tgt Ion:146 Resp: 192801
Ion Ratio Lower Upper
146 100
111 43.8 33.9 50.9
148 65.8 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.17 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion: 75 Resp: 20604
Ion Ratio Lower Upper
75 100
155 76.8 64.5 96.7
157 103.3 77.4 116.2

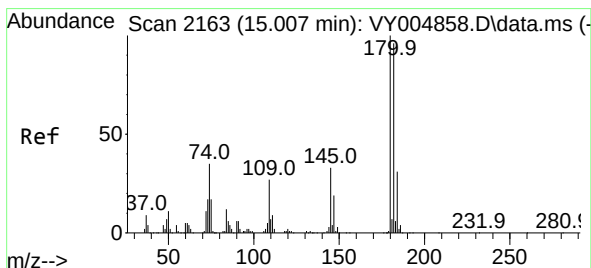
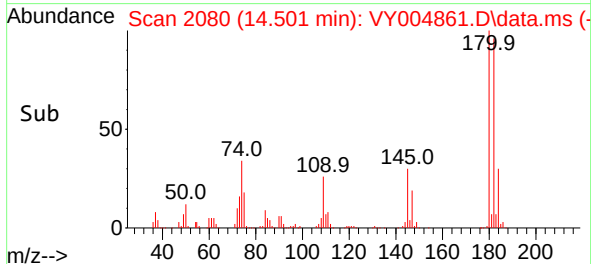
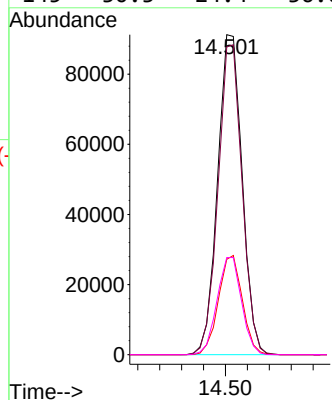
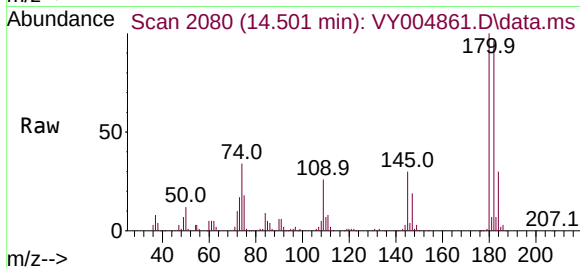




#69
1,3,5-Trichlorobenzene
Concen: 26.57 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

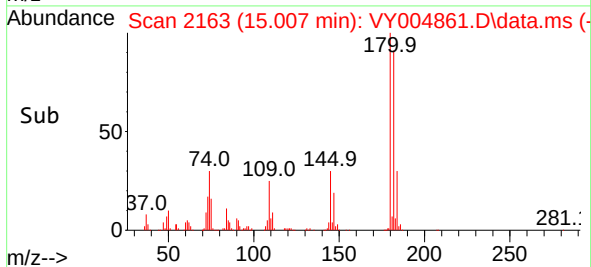
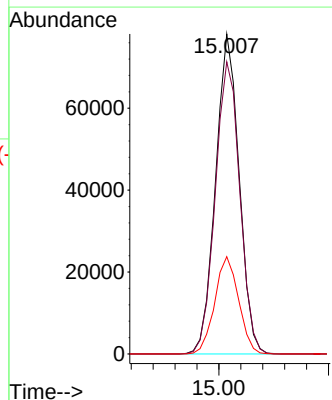
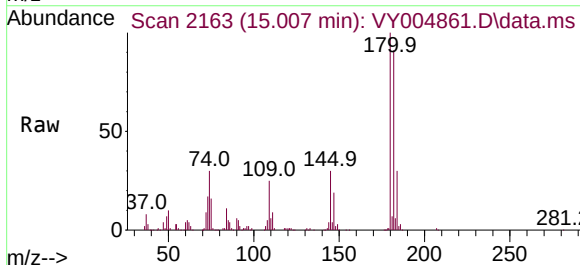
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

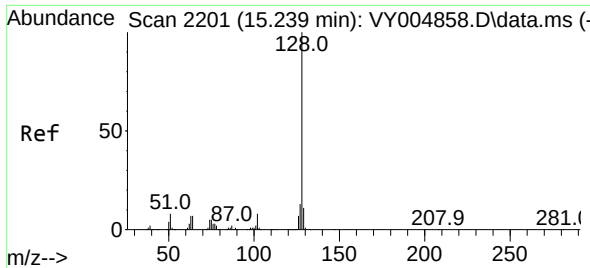
Tgt Ion:	180	Resp:	141617
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.1	114.1
184	30.2	24.6	36.8
145	30.3	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 26.19 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:	180	Resp:	116806
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.4	114.6
145	30.7	25.0	37.6



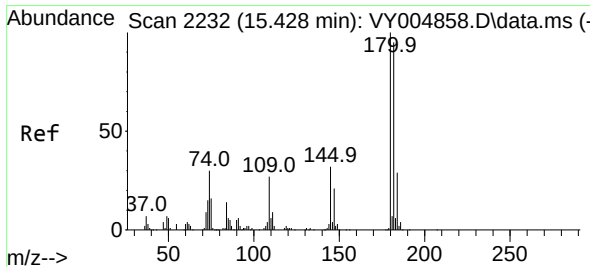
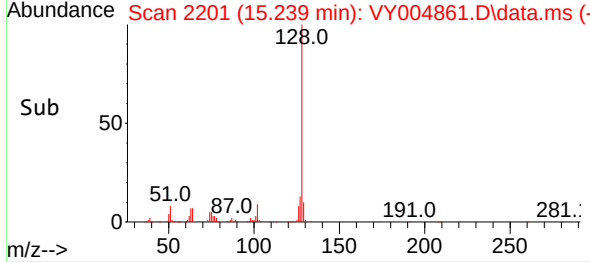
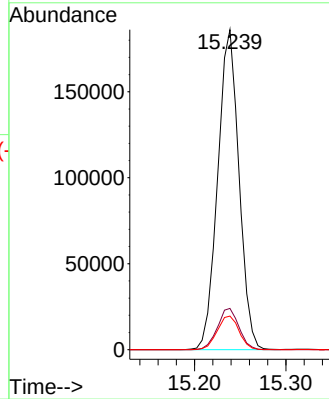
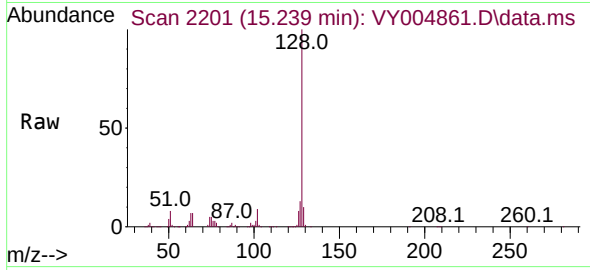


#71
Naphthalene
Concen: 26.80 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025143

Tgt Ion:128 Resp: 301227

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.8	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 26.28 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY004861.D
Acq: 21 May 2021 13:41

Tgt Ion:180 Resp: 106485

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.2	114.2
145	32.8	25.8	38.8

