

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052421\
 Data File : VY004866.D
 Acq On : 24 May 2021 13:13
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025145

Quant Time: May 25 01:16:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 01:15:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	293867	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.489	117	270469	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	130555	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	110598	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.36%
7) Chloroethane-d5	2.765	69	85511	24.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.92%
11) 1,1-Dichloroethene-d2	3.857	63	206637	24.79	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.16%
21) 2-Butanone-d5	6.899	46	106178	53.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.90%
24) Chloroform-d	7.484	84	189810	25.18	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.72%
26) 1,2-Dichloroethane-d4	8.149	65	116185	24.45	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	8.118	84	409165	25.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	9.124	67	131630	25.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	10.185	98	359444	24.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	10.441	79	59861	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.76%
47) 2-Hexanone-d5	10.788	63	75432	52.55	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.10%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	115465	24.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.72%
66) 1,2-Dichlorobenzene-d4	13.721	152	113386	24.03	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.12%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	100890	25.75	ug/L	99
3) Chloromethane	2.119	50	126174	26.27	ug/L	100
5) Vinyl chloride	2.253	62	131221	25.57	ug/L	97
6) Bromomethane	2.656	94	57245	28.40	ug/L	100
8) Chloroethane	2.802	64	77902	26.06	ug/L	98
9) Trichlorofluoromethane	3.131	101	166020	25.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	105146	26.98	ug/L	99
12) 1,1-Dichloroethene	3.881	96	98696	27.18	ug/L	96
13) Acetone	3.960	43	59364	50.57	ug/L	97
14) Carbon disulfide	4.198	76	314754	26.95	ug/L	99
15) Methyl Acetate	4.485	43	90401	27.62	ug/L	99
16) Methylene chloride	4.722	84	121970	24.19	ug/L	98
17) trans-1,2-Dichloroethene	5.228	96	104988	26.67	ug/L	97
18) Methyl tert-butyl Ether	5.234	73	303375	26.83	ug/L	99
19) 1,1-Dichloroethane	6.027	63	201614	26.84	ug/L	99
20) cis-1,2-Dichloroethene	6.990	96	114049	26.93	ug/L	98
22) 2-Butanone	6.996	43	111681	54.95	ug/L	100
23) Bromochloromethane	7.344	128	53608	26.85	ug/L	98
25) Chloroform	7.515	83	204093	26.52	ug/L	99

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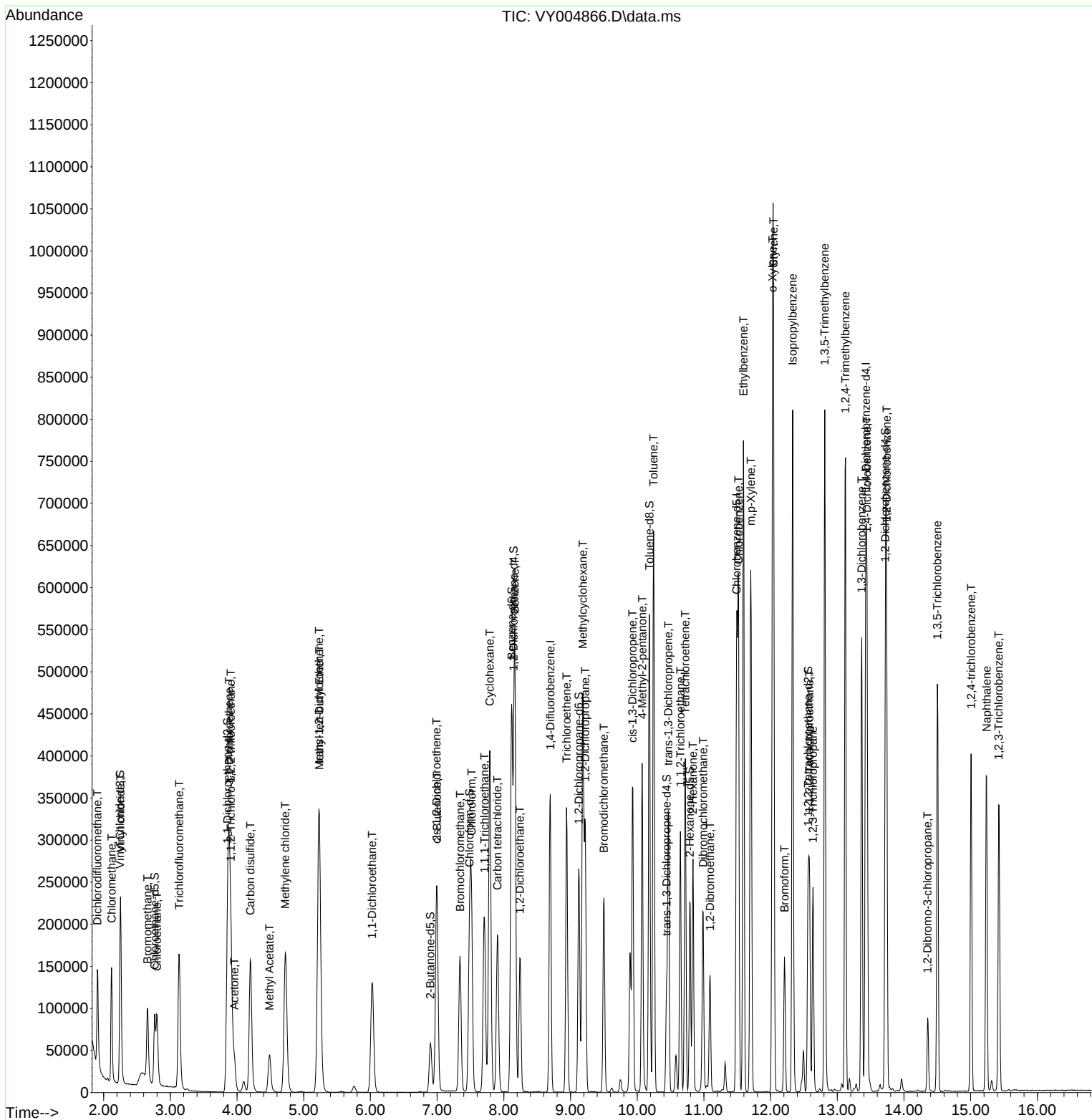
Instrument :
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 ClientSampleId :
 VSTD025145

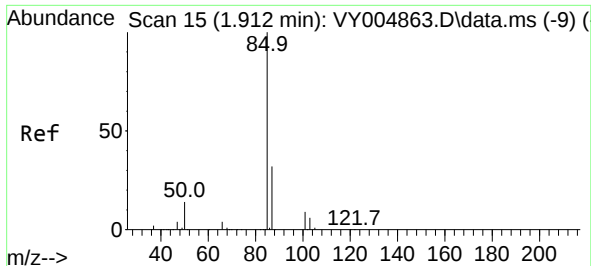
Quant Time: May 25 01:16:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 25 01:15:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	140557	26.44	ug/L	99
29) Cyclohexane	7.789	56	192131	27.39	ug/L	100
30) 1,1,1-Trichloroethane	7.710	97	173727	27.27	ug/L	98
31) Carbon tetrachloride	7.905	117	138250	27.52	ug/L	99
33) Benzene	8.167	78	451183	27.03	ug/L	100
34) Trichloroethene	8.941	95	112745	26.74	ug/L	98
35) Methylcyclohexane	9.185	83	187167	26.41	ug/L	99
37) 1,2-Dichloropropane	9.222	63	116685	26.19	ug/L	99
38) Bromodichloromethane	9.502	83	148685	27.09	ug/L	99
39) cis-1,3-Dichloropropene	9.929	75	183138	26.50	ug/L	100
40) 4-Methyl-2-pentanone	10.075	43	255590	53.84	ug/L	99
42) Toluene	10.246	91	463373	26.26	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	170090	26.50	ug/L	98
45) 1,1,2-Trichloroethane	10.648	97	89408	25.85	ug/L	98
46) Tetrachloroethene	10.721	164	80903	25.46	ug/L	96
48) 2-Hexanone	10.837	43	179251	55.95	ug/L	99
49) Dibromochloromethane	10.990	129	103017	26.43	ug/L	100
50) 1,2-Dibromoethane	11.093	107	86107	25.75	ug/L	98
51) Chlorobenzene	11.520	112	284142	26.03	ug/L	98
52) Ethylbenzene	11.593	91	505407	26.55	ug/L	99
53) m,p-Xylene	11.703	106	188314	26.70	ug/L	98
54) o-Xylene	12.032	106	179174	26.64	ug/L	94
55) Styrene	12.044	104	313375	27.04	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	113181	26.80	ug/L	100
59) Bromoform	12.209	173	65930	26.49	ug/L	99
60) Isopropylbenzene	12.331	105	482286	26.27	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	91284	25.70	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	393379	26.66	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	392673	26.66	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	202843	25.94	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	202882	25.62	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	187425	25.85	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	20161	24.96	ug/L	97
69) 1,3,5-Trichlorobenzene	14.501	180	136349	25.92	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	113270	25.73	ug/L	99
71) Naphthalene	15.239	128	295568	26.64	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	103420	25.87	ug/L	99

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

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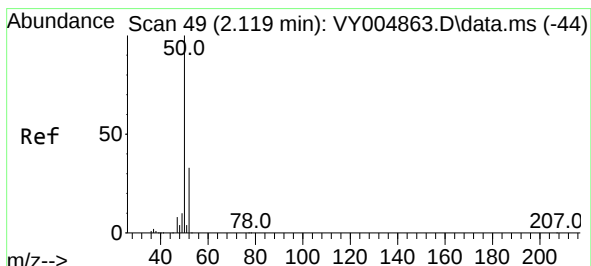
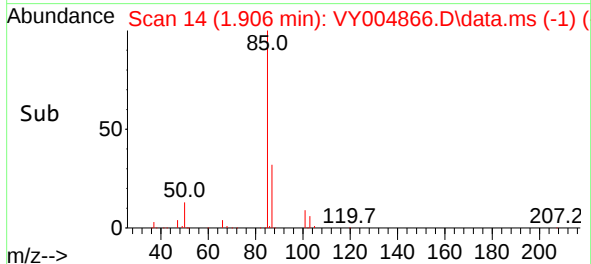
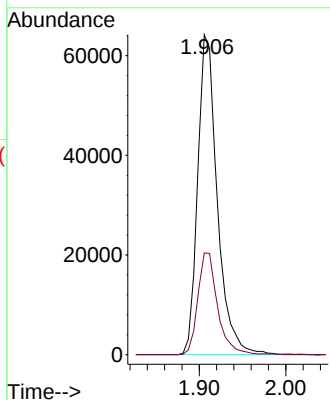
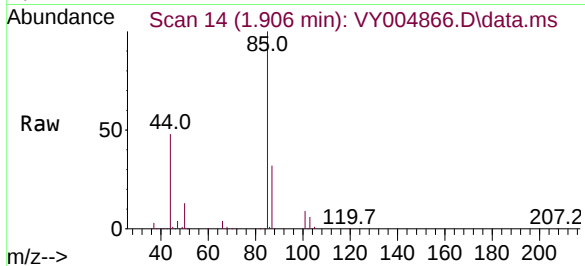




#2
Dichlorodifluoromethane
Concen: 25.75 ug/L
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

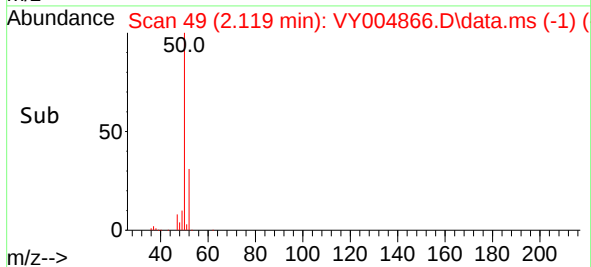
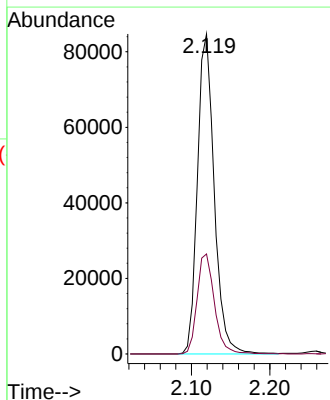
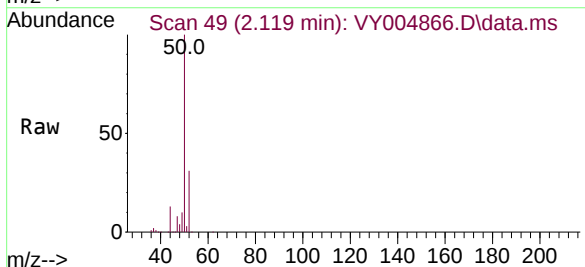
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

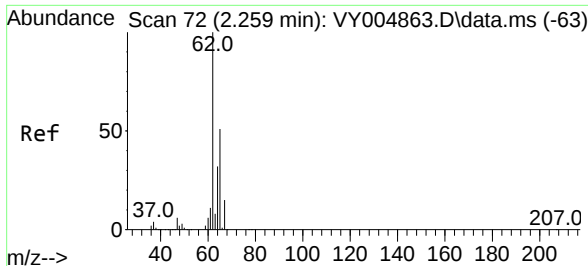
Tgt Ion: 85 Resp: 100890
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.2



#3
Chloromethane
Concen: 26.27 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 50 Resp: 126174
Ion Ratio Lower Upper
50 100
52 31.3 21.8 40.4

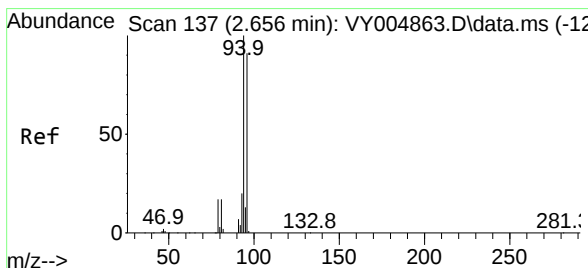
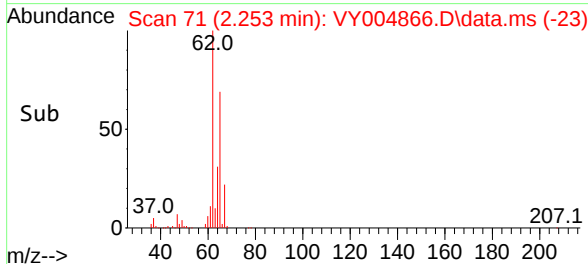
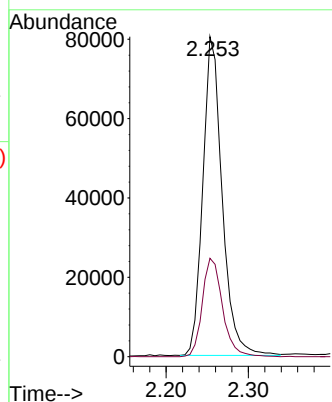
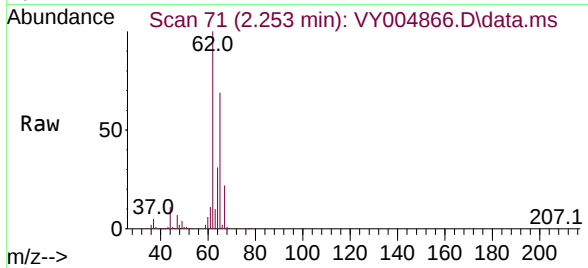




#5
 Vinyl chloride
 Concen: 25.57 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY004866.D
 Acq: 24 May 2021 13:13

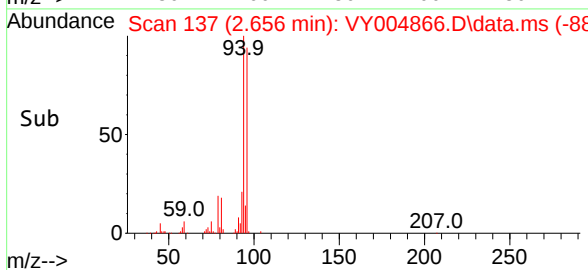
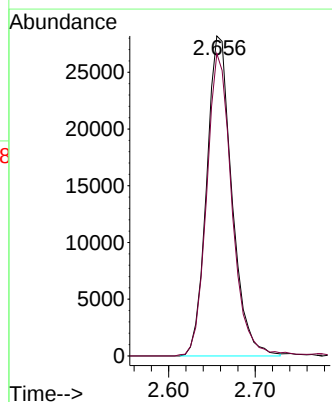
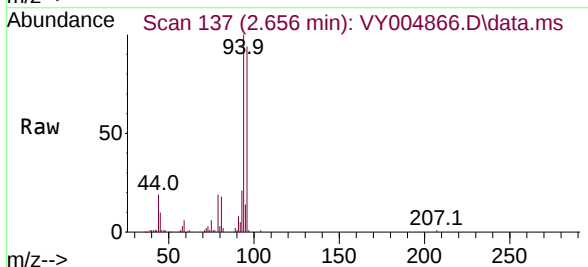
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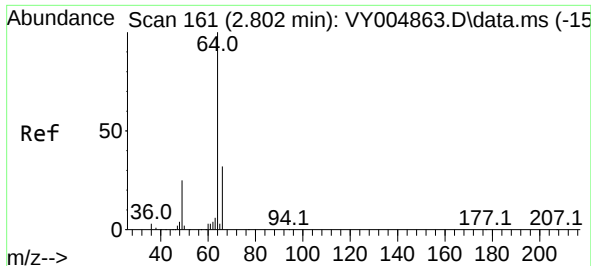
Tgt Ion: 62 Resp: 131221
 Ion Ratio Lower Upper
 62 100
 64 30.8 22.8 42.4



#6
 Bromomethane
 Concen: 28.40 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. -0.000 min
 Lab File: VY004866.D
 Acq: 24 May 2021 13:13

Tgt Ion: 94 Resp: 57245
 Ion Ratio Lower Upper
 94 100
 96 94.5 65.9 122.5

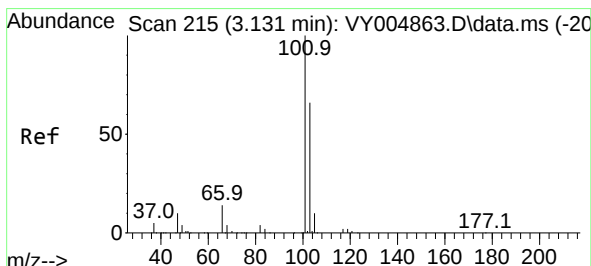
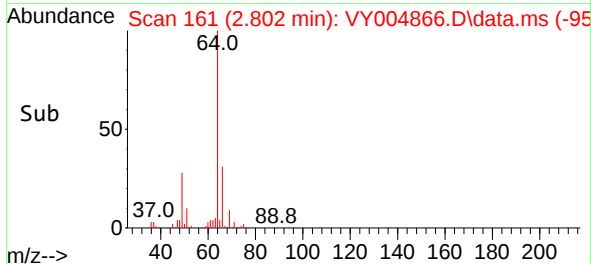
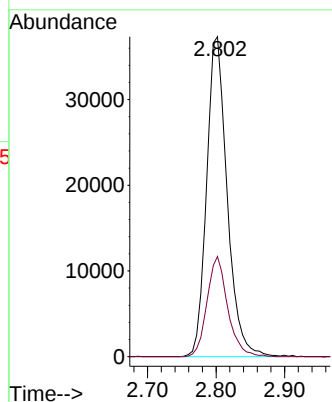
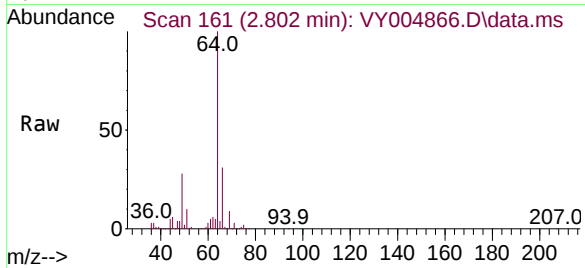




#8
Chloroethane
Concen: 26.06 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

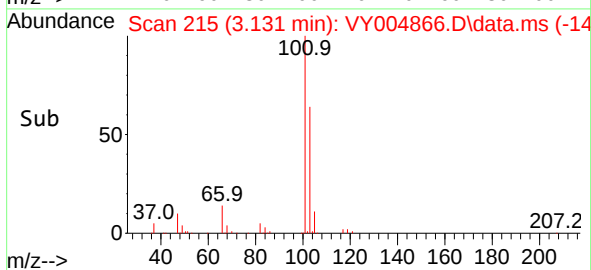
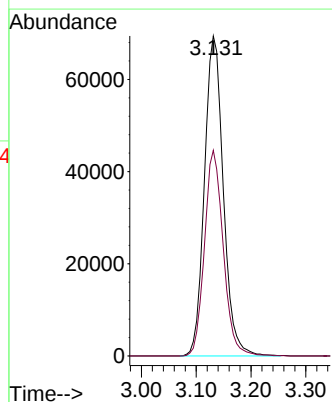
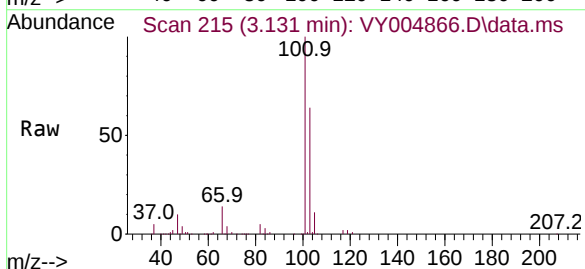
Instrument :
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ClientSampleId :
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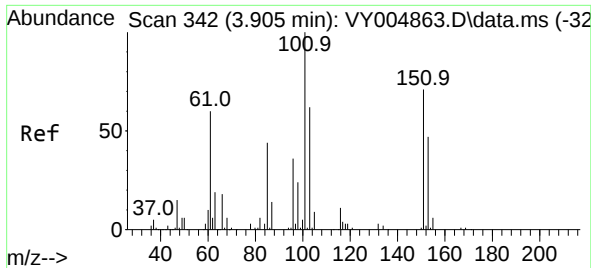
Tgt Ion: 64 Resp: 77902
Ion Ratio Lower Upper
64 100
66 31.3 22.7 42.3



#9
Trichlorofluoromethane
Concen: 25.31 ug/L
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:101 Resp: 166020
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.2

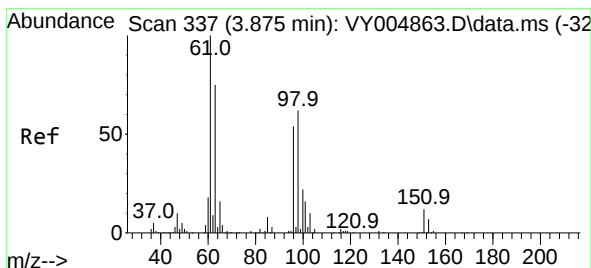
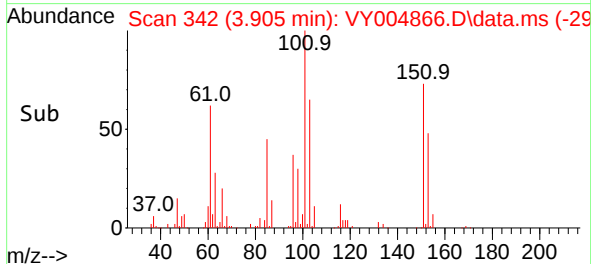
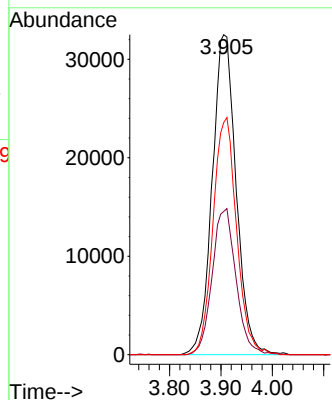
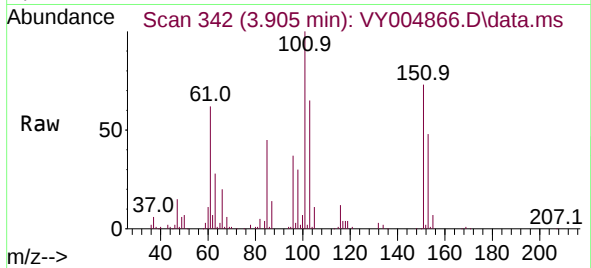




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.98 ug/L
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

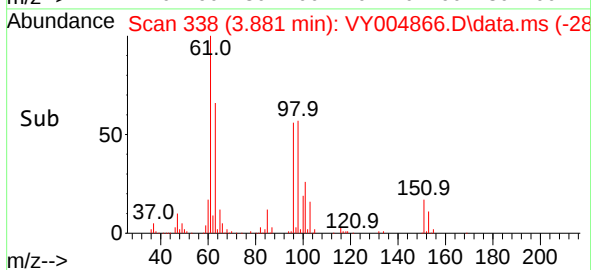
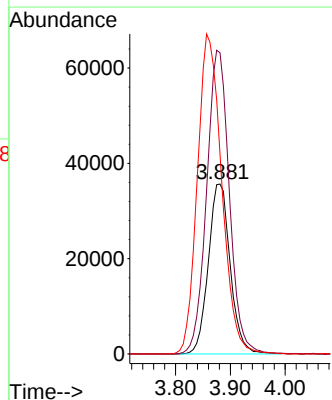
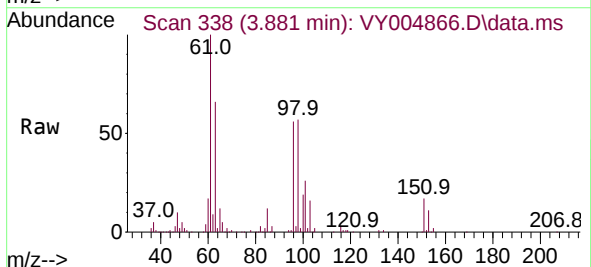
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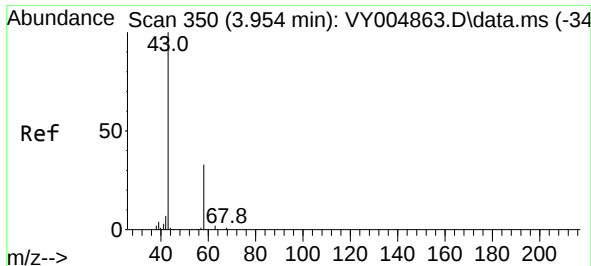
Tgt Ion:	101	Resp:	105146
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	54.8
151	72.6	59.0	88.4



#12
1,1-Dichloroethene
Concen: 27.18 ug/L
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:	96	Resp:	98696
Ion Ratio	Lower	Upper	
96	100		
61	177.1	121.2	225.2
63	117.3	86.9	161.3

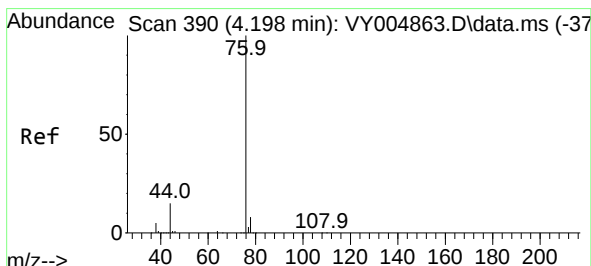
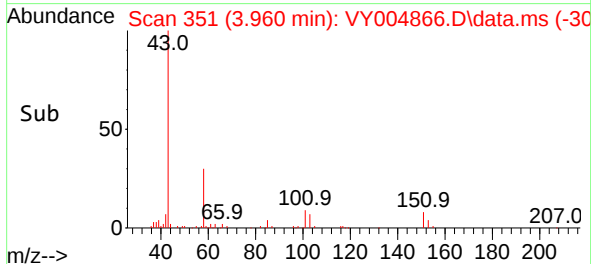
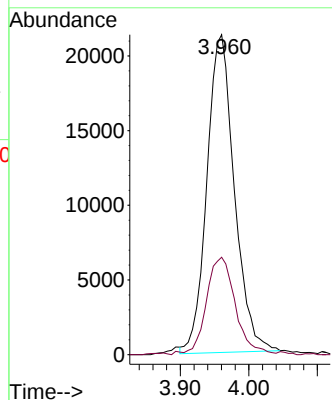
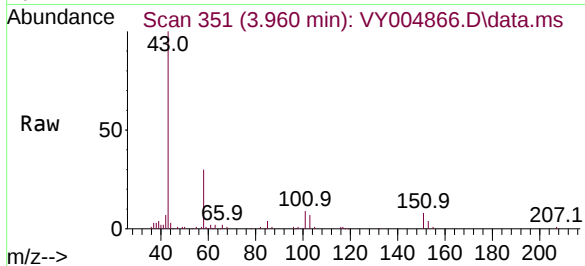




#13
Acetone
Concen: 50.57 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

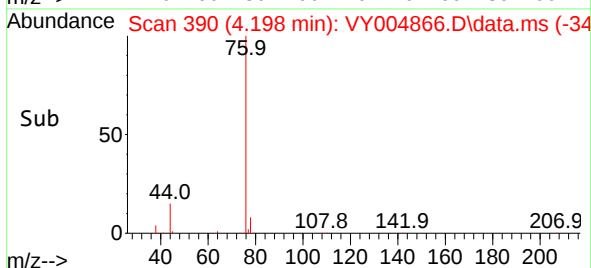
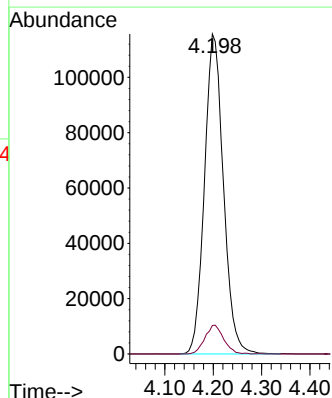
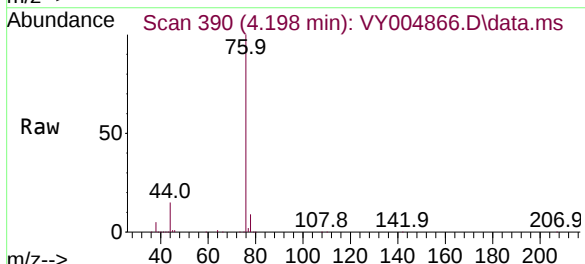
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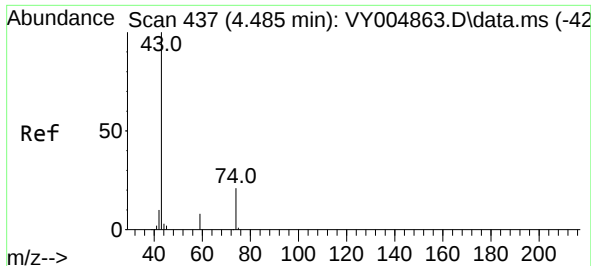
Tgt Ion: 43 Resp: 59364
Ion Ratio Lower Upper
43 100
58 32.0 0.0 61.0



#14
Carbon disulfide
Concen: 26.95 ug/L
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 76 Resp: 314754
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

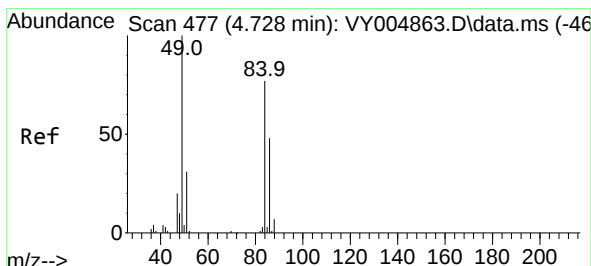
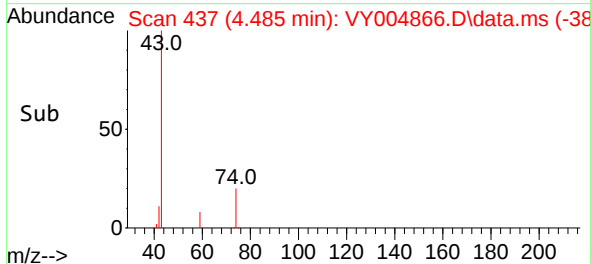
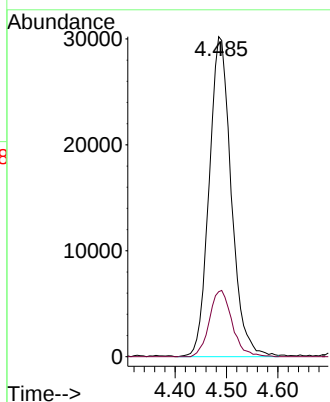
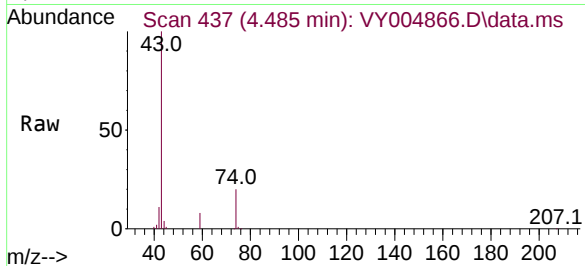




#15
Methyl Acetate
Concen: 27.62 ug/L
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

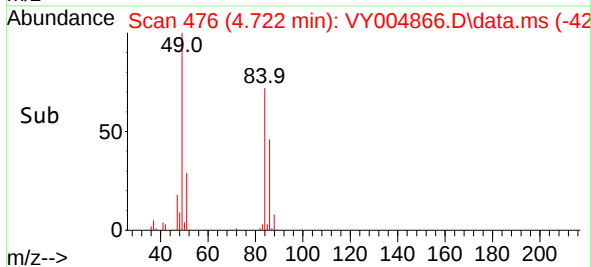
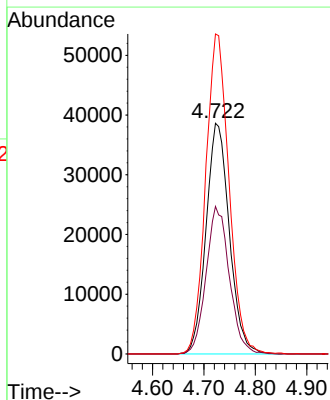
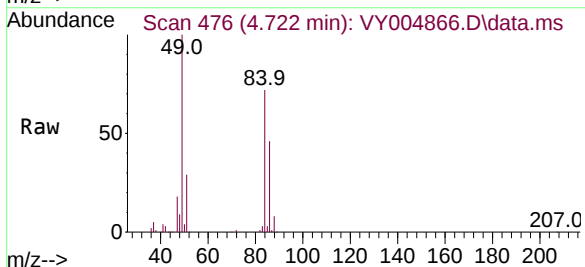
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

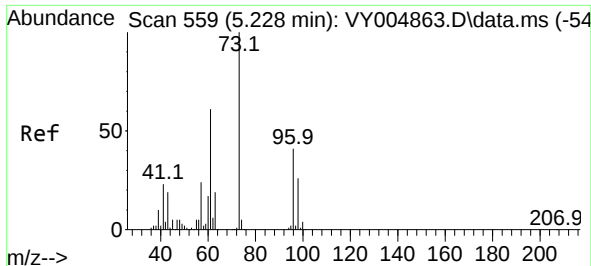
Tgt Ion: 43 Resp: 90401
Ion Ratio Lower Upper
43 100
74 21.2 16.7 25.1



#16
Methylene chloride
Concen: 24.19 ug/L
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

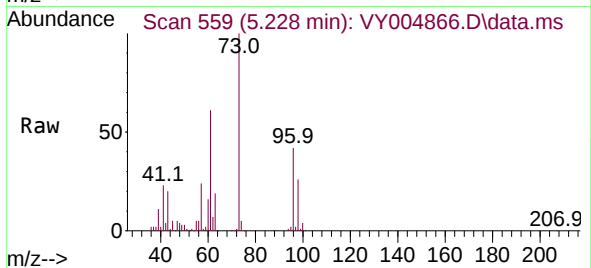
Tgt Ion: 84 Resp: 121970
Ion Ratio Lower Upper
84 100
86 64.0 43.2 80.2
49 138.7 96.0 178.4



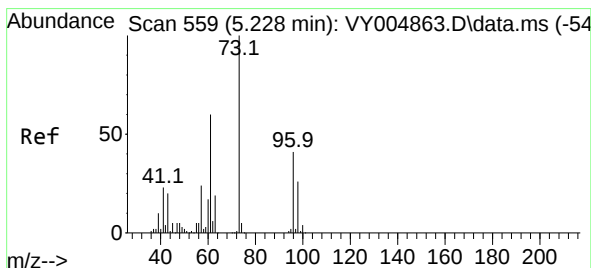
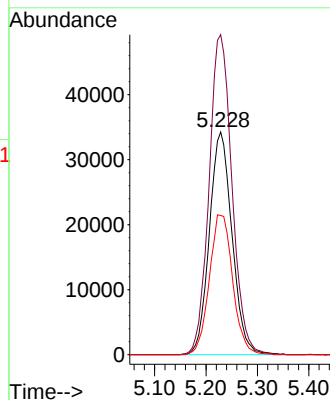
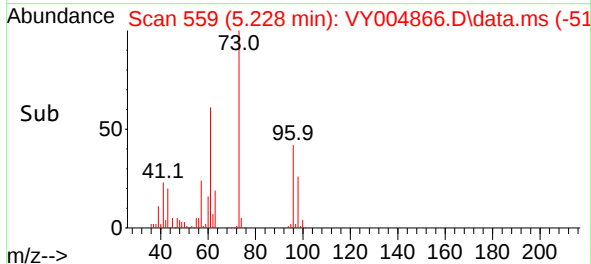


#17
trans-1,2-Dichloroethene
Concen: 26.67 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

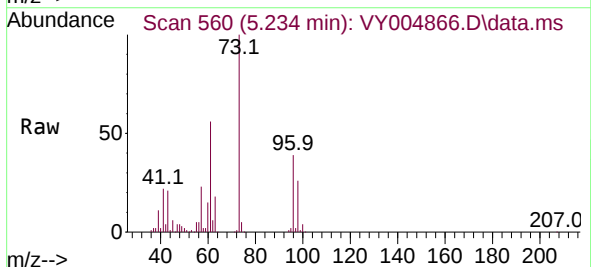
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145



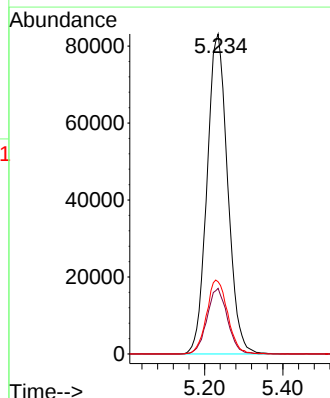
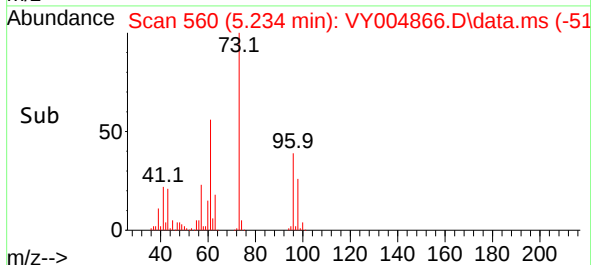
Tgt Ion: 96 Resp: 104988
Ion Ratio Lower Upper
96 100
61 143.7 97.6 181.2
98 62.5 44.8 83.2

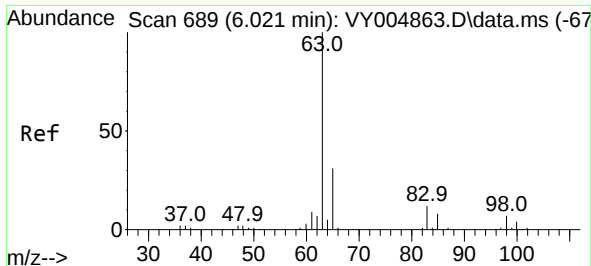


#18
Methyl tert-butyl Ether
Concen: 26.83 ug/L
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13



Tgt Ion: 73 Resp: 303375
Ion Ratio Lower Upper
73 100
43 20.2 16.8 25.2
57 23.5 18.7 28.1





#19

1,1-Dichloroethane

Concen: 26.84 ug/L

RT: 6.027 min Scan# 690

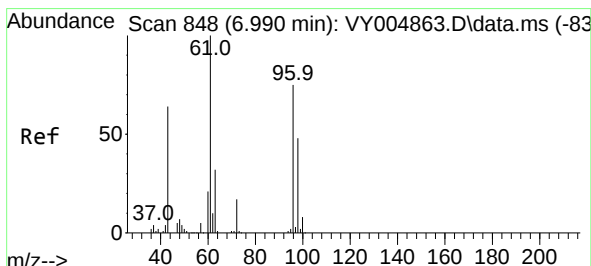
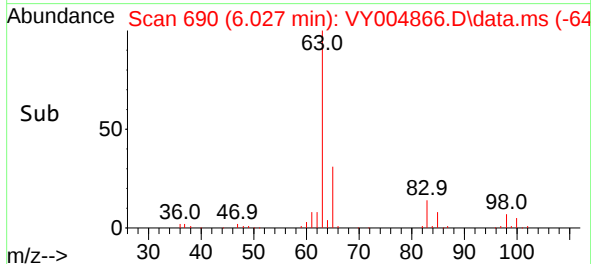
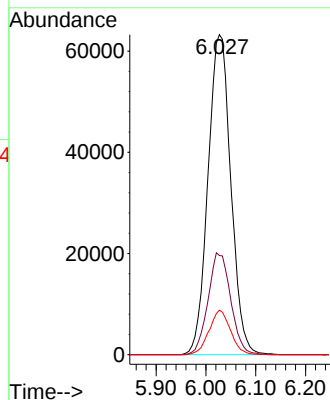
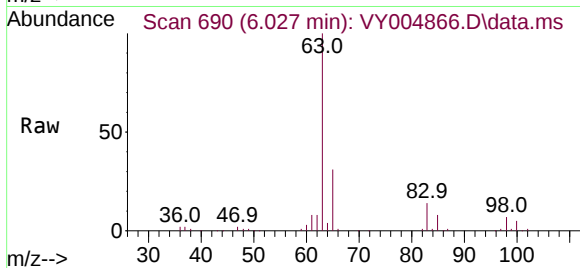
Delta R.T. 0.006 min

Lab File: VY004866.D

Acq: 24 May 2021 13:13

Tgt Ion: 63 Resp: 201614

Ion	Ratio	Lower	Upper
63	100		
65	31.0	22.4	41.6
83	13.9	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 26.93 ug/L

RT: 6.990 min Scan# 848

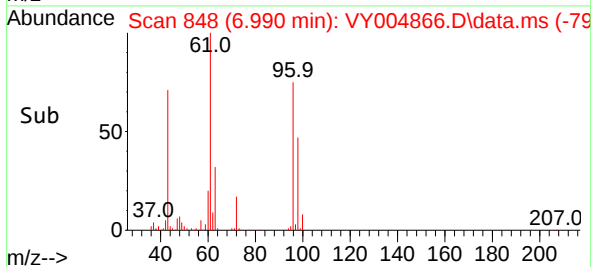
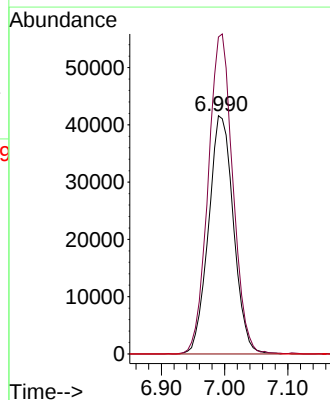
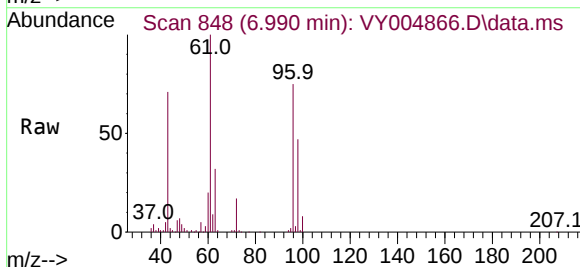
Delta R.T. -0.000 min

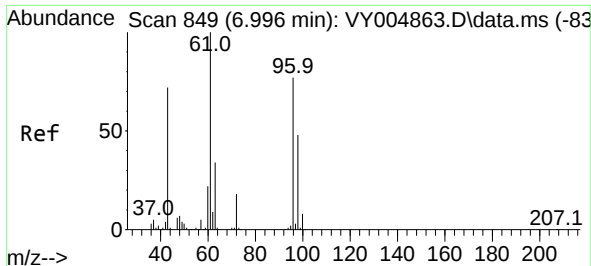
Lab File: VY004866.D

Acq: 24 May 2021 13:13

Tgt Ion: 96 Resp: 114049

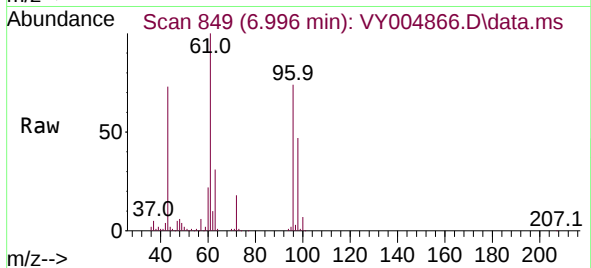
Ion	Ratio	Lower	Upper
96	100		
61	133.0	94.8	176.2
68	0.0	0.0	0.0



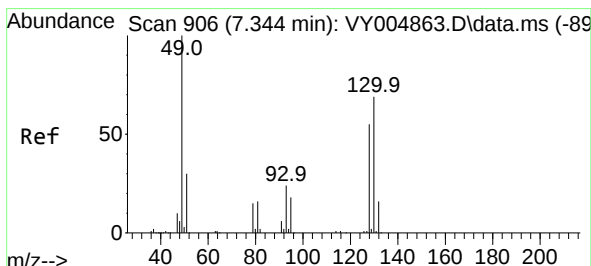
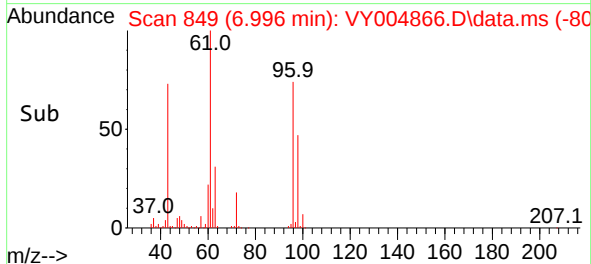
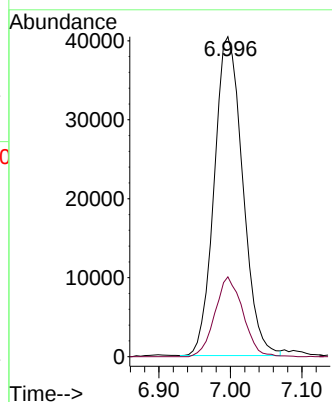


#22
2-Butanone
Concen: 54.95 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

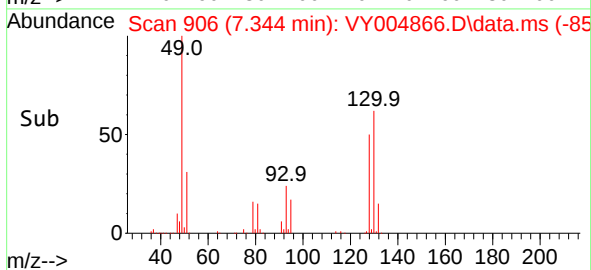
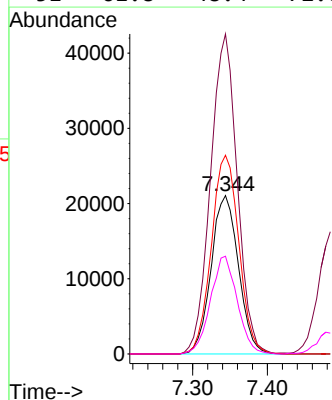
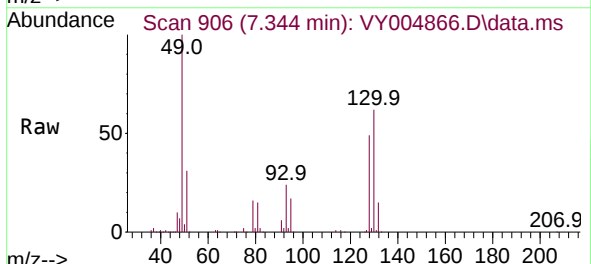


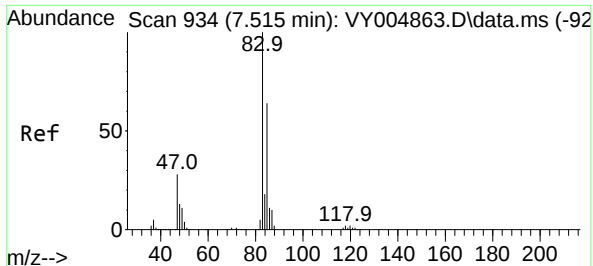
Tgt Ion: 43 Resp: 111681
Ion Ratio Lower Upper
43 100
72 24.5 12.2 36.6



#23
Bromochloromethane
Concen: 26.85 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 128 Resp: 53608
Ion Ratio Lower Upper
128 100
49 202.1 138.9 258.1
130 125.5 88.3 164.1
51 61.8 48.4 72.6





#25

Chloroform

Concen: 26.52 ug/L

RT: 7.515 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY004866.D

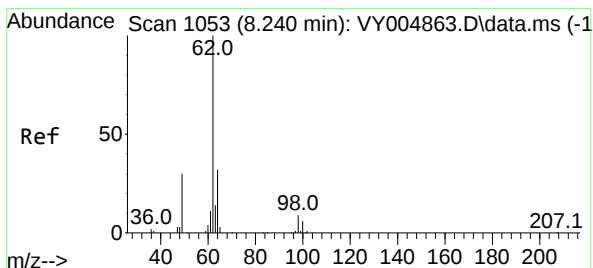
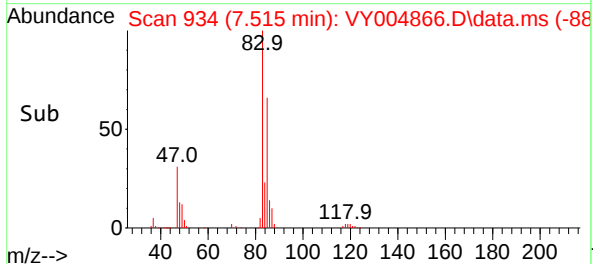
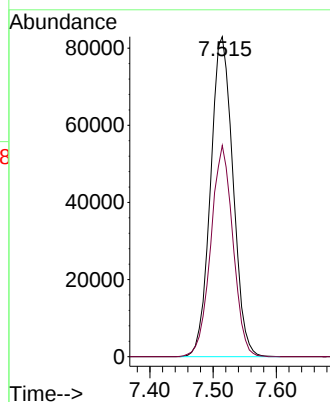
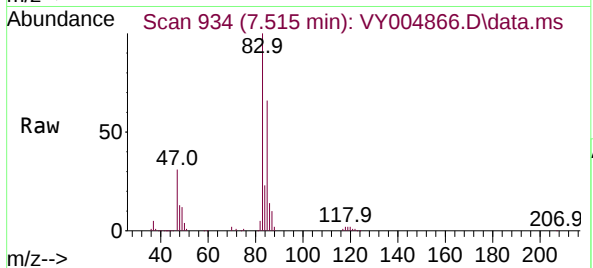
Acq: 24 May 2021 13:13

Tgt Ion: 83 Resp: 204093

Ion Ratio Lower Upper

83 100

85 66.0 45.4 84.4



#27

1,2-Dichloroethane

Concen: 26.44 ug/L

RT: 8.240 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VY004866.D

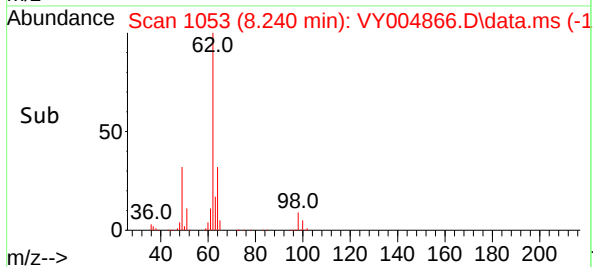
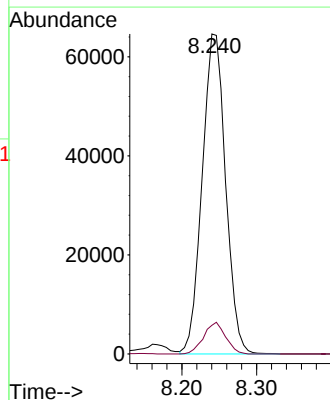
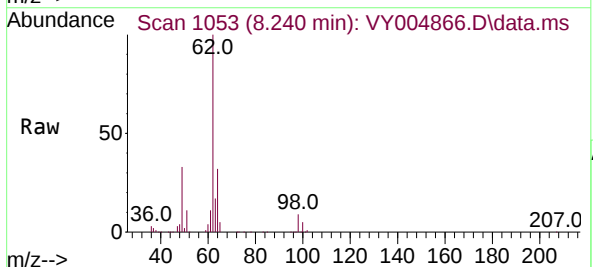
Acq: 24 May 2021 13:13

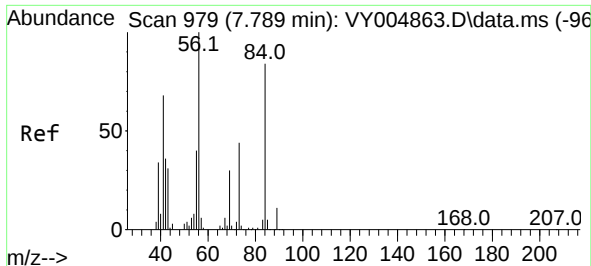
Tgt Ion: 62 Resp: 140557

Ion Ratio Lower Upper

62 100

98 8.9 7.5 11.3





#29

Cyclohexane

Concen: 27.39 ug/L

RT: 7.789 min Scan# 979

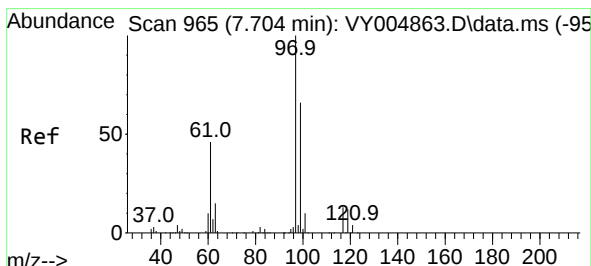
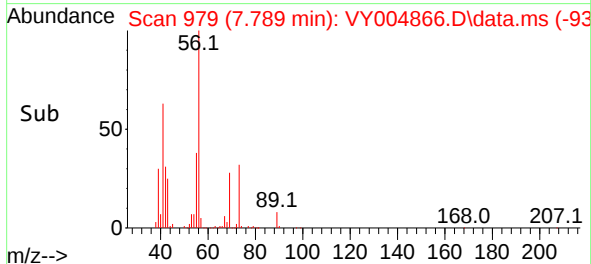
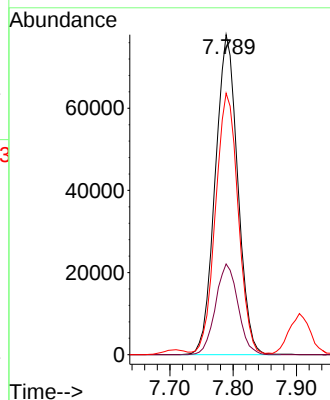
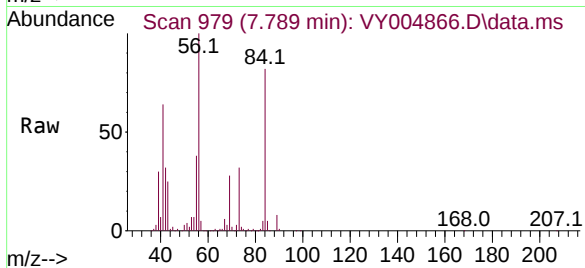
Delta R.T. -0.000 min

Lab File: VY004866.D

Acq: 24 May 2021 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

Tgt Ion:	56	Resp:	192131
Ion Ratio	Lower	Upper	
56	100		
69	28.3	22.6	33.8
84	82.6	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 27.27 ug/L

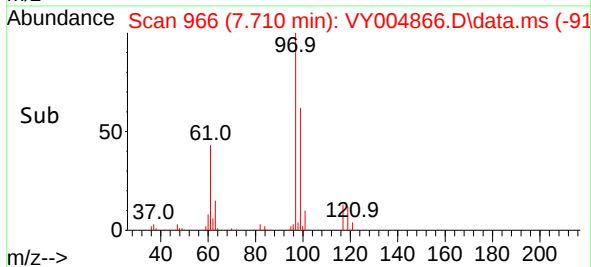
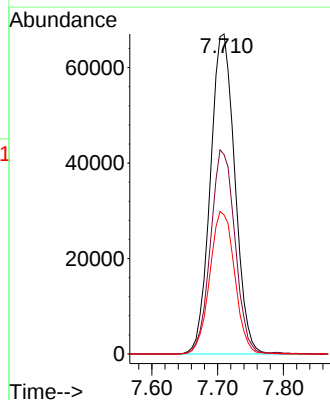
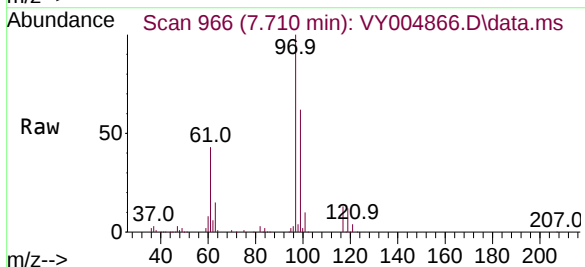
RT: 7.710 min Scan# 966

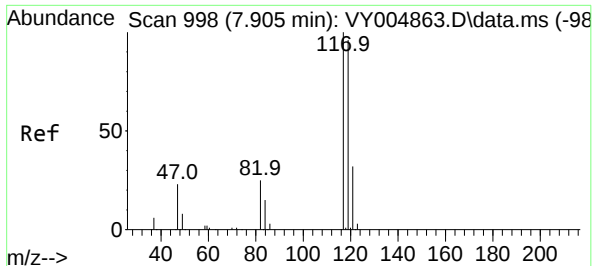
Delta R.T. 0.006 min

Lab File: VY004866.D

Acq: 24 May 2021 13:13

Tgt Ion:	97	Resp:	173727
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.8	77.6
61	45.3	37.3	55.9

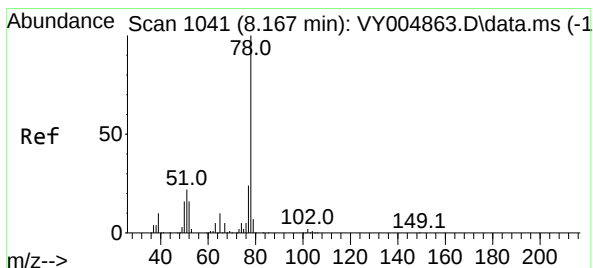
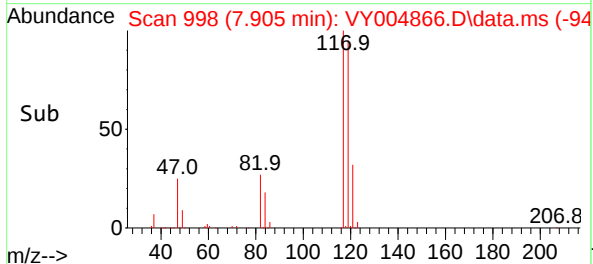
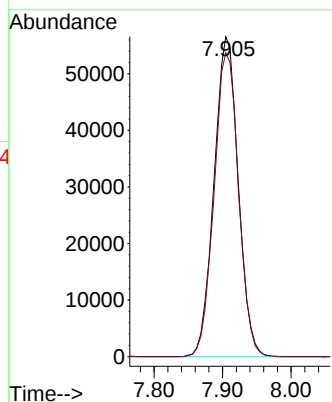
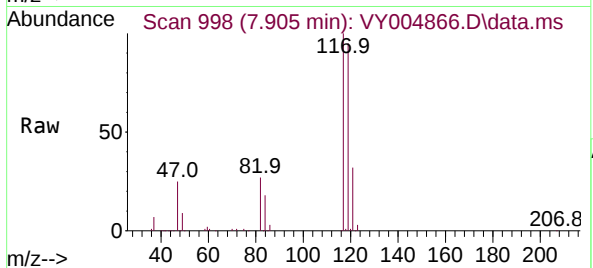




#31
Carbon tetrachloride
Concen: 27.52 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

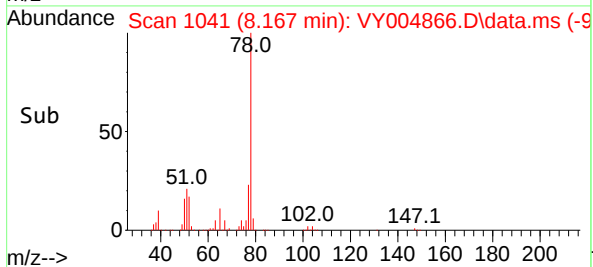
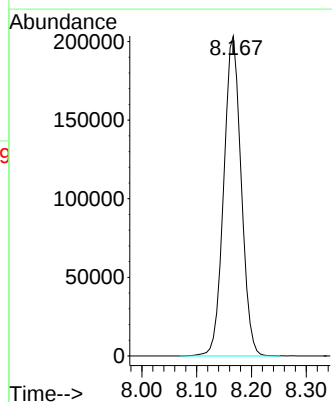
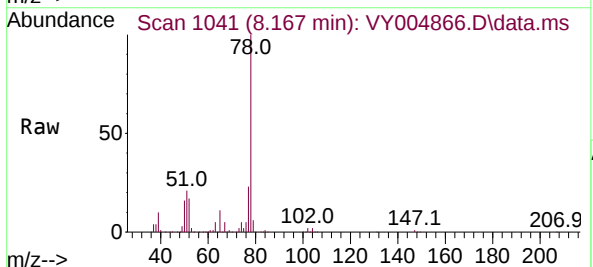
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

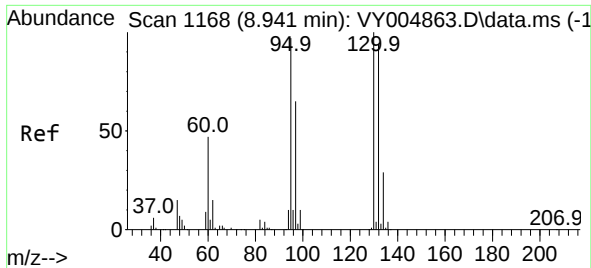
Tgt Ion:117 Resp: 138250
Ion Ratio Lower Upper
117 100
119 96.1 76.2 114.2



#33
Benzene
Concen: 27.03 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 78 Resp: 451183

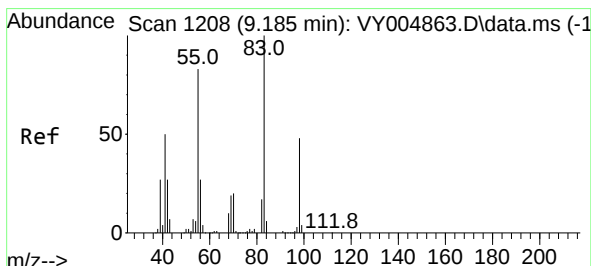
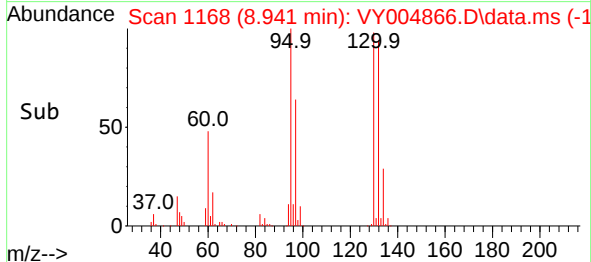
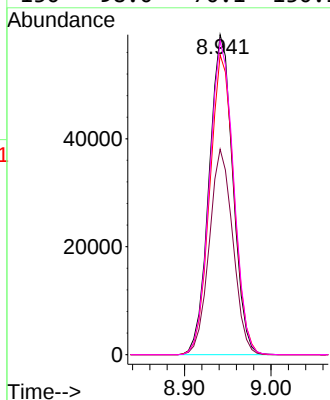
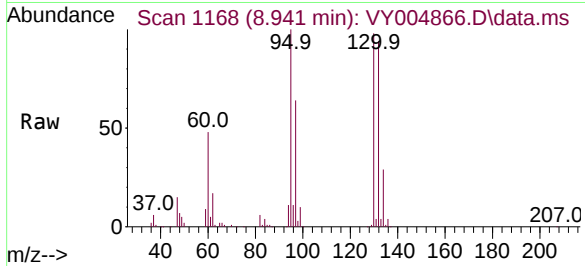




#34
Trichloroethene
Concen: 26.74 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

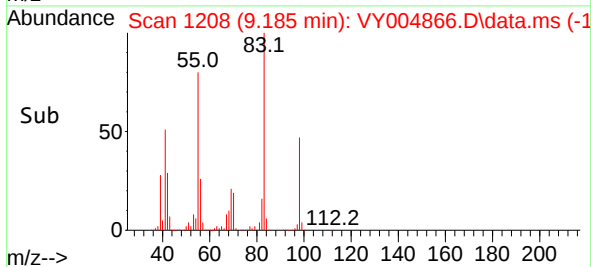
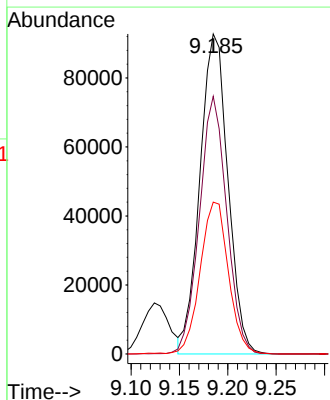
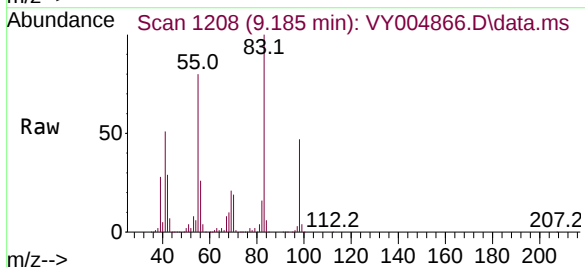
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

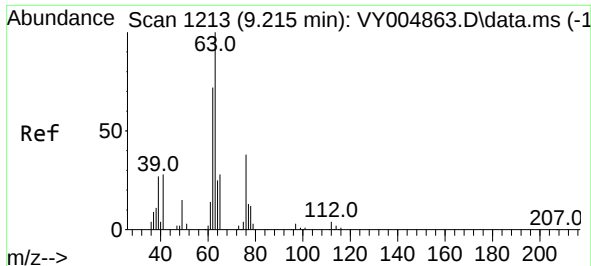
Tgt Ion:	95	Resp:	112745
Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.2	82.2
132	93.7	66.8	124.0
130	98.0	70.1	130.1



#35
Methylcyclohexane
Concen: 26.41 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:	83	Resp:	187167
Ion	Ratio	Lower	Upper
83	100		
55	78.3	63.9	95.9
98	47.9	38.7	58.1





#37

1,2-Dichloropropane

Concen: 26.19 ug/L

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY004866.D

Acq: 24 May 2021 13:13

Tgt Ion: 63 Resp: 116685

Ion Ratio Lower Upper

63 100

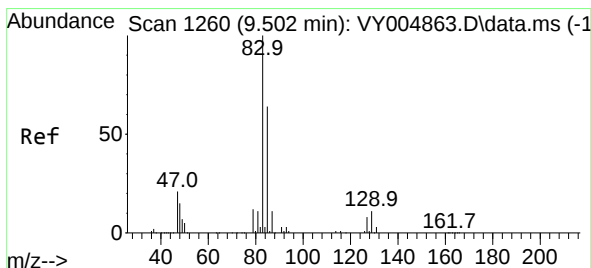
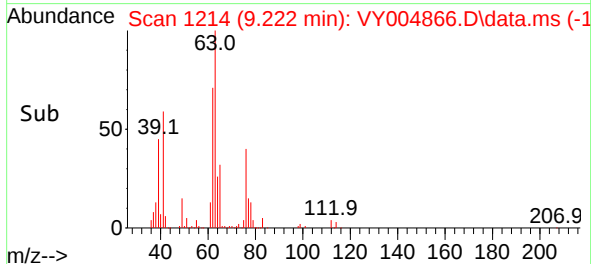
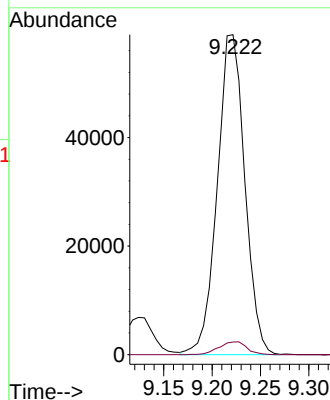
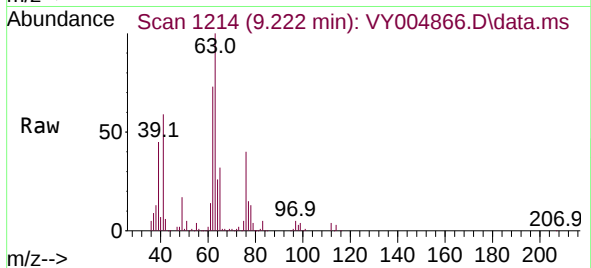
112 4.1 3.1 4.7

Instrument :

MSVOA_Y

ClientSampled :

VSTD025145



#38

Bromodichloromethane

Concen: 27.09 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY004866.D

Acq: 24 May 2021 13:13

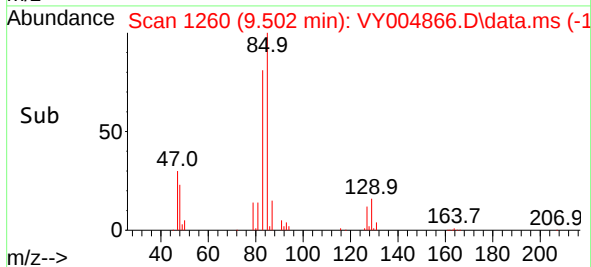
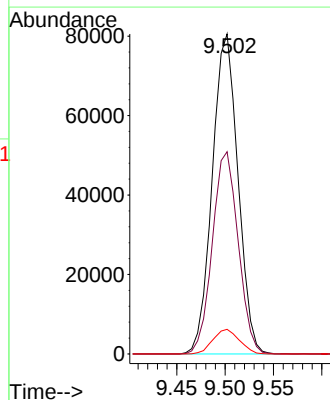
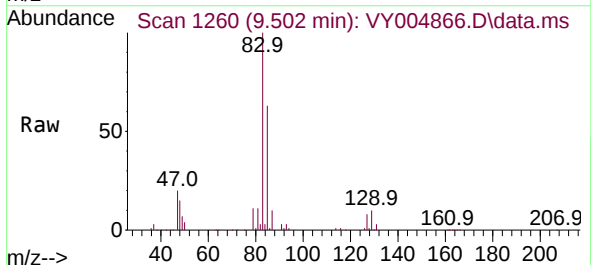
Tgt Ion: 83 Resp: 148685

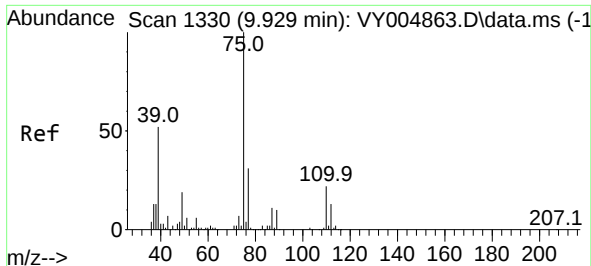
Ion Ratio Lower Upper

83 100

85 63.2 44.1 81.9

127 7.7 6.9 10.3

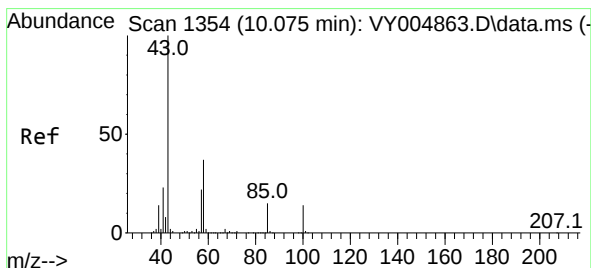
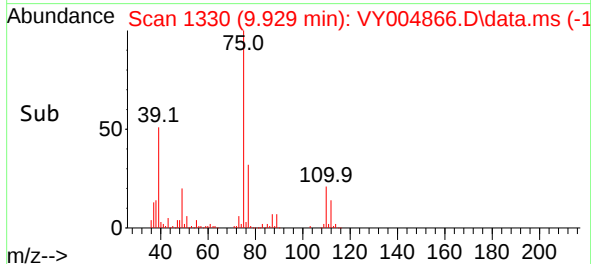
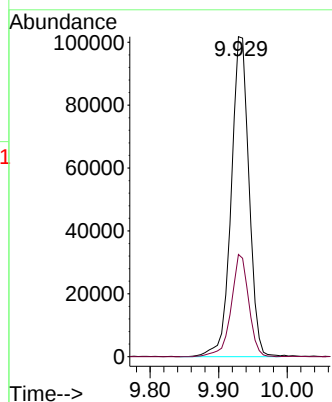
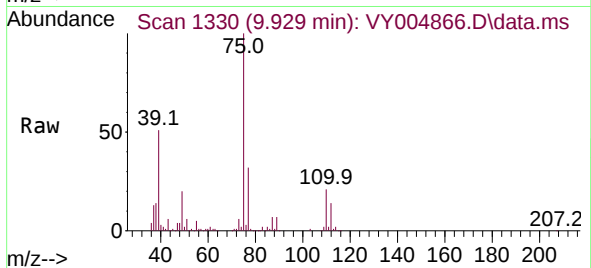




#39
cis-1,3-Dichloropropene
Concen: 26.50 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

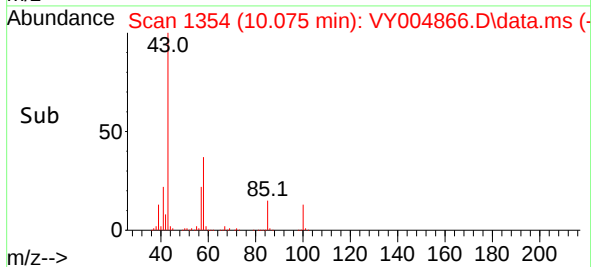
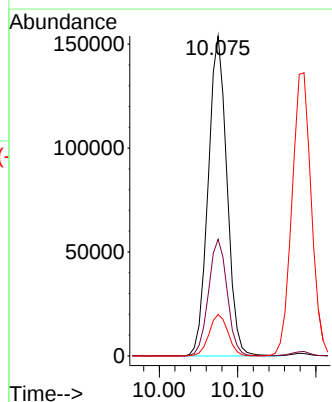
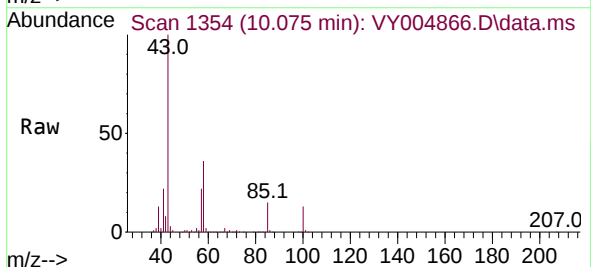
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

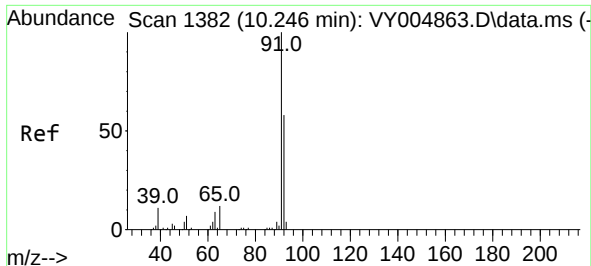
Tgt Ion: 75 Resp: 183138
Ion Ratio Lower Upper
75 100
77 32.0 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 53.84 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 43 Resp: 255590
Ion Ratio Lower Upper
43 100
58 36.4 28.5 42.7
100 13.1 10.4 15.6

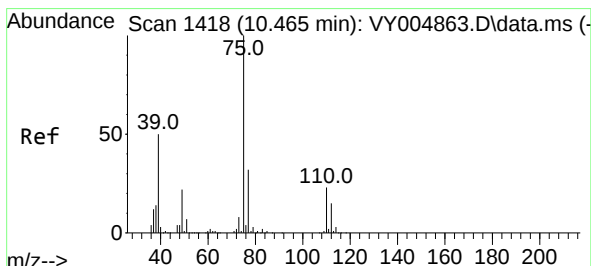
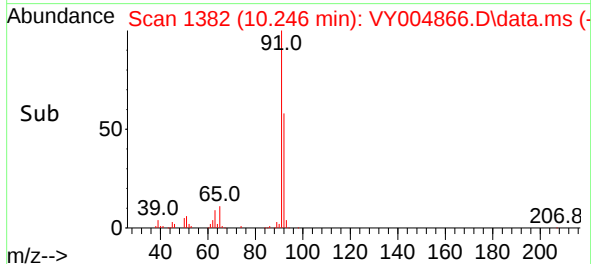
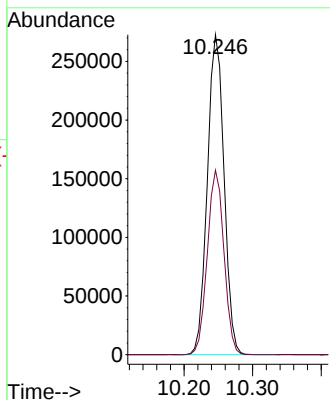
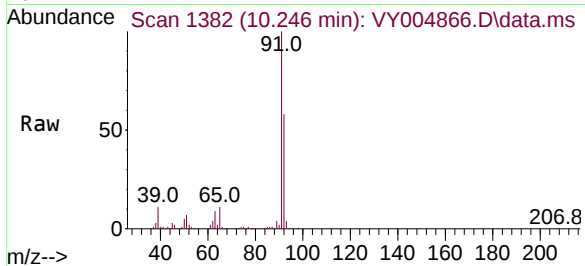




#42
Toluene
Concen: 26.26 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

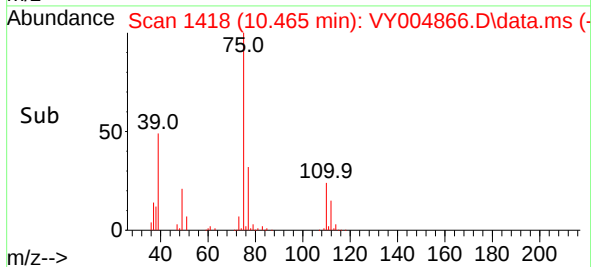
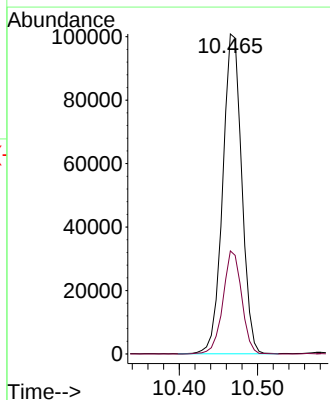
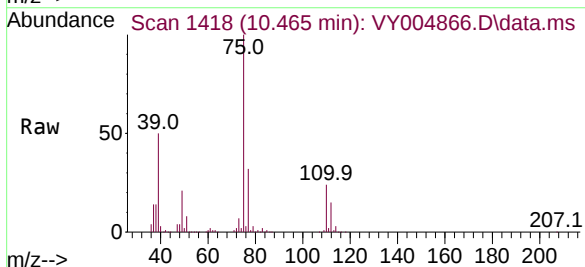
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

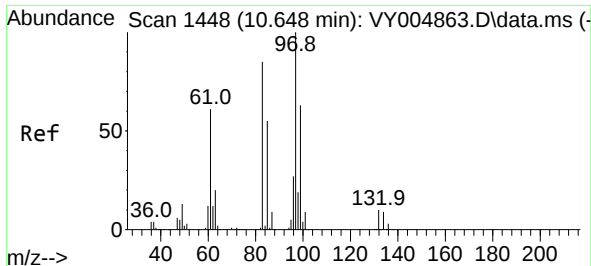
Tgt Ion: 91 Resp: 463373
Ion Ratio Lower Upper
91 100
92 57.7 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 26.50 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 75 Resp: 170090
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4

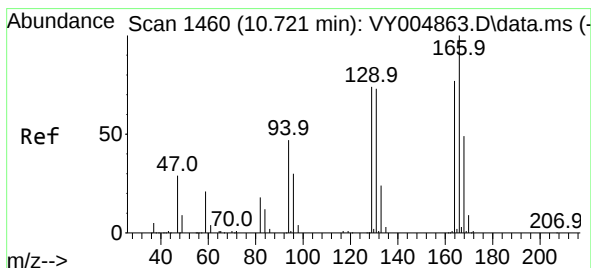
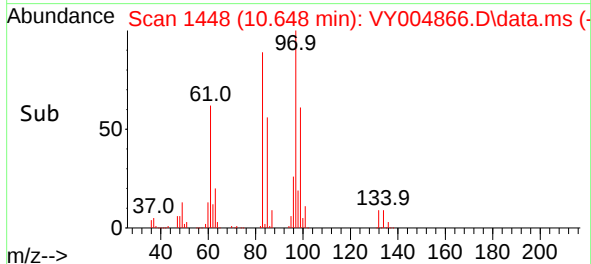
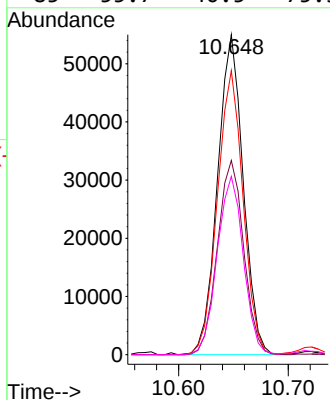
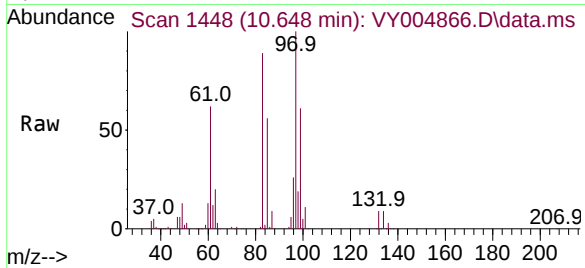




#45
1,1,2-Trichloroethane
Concen: 25.85 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

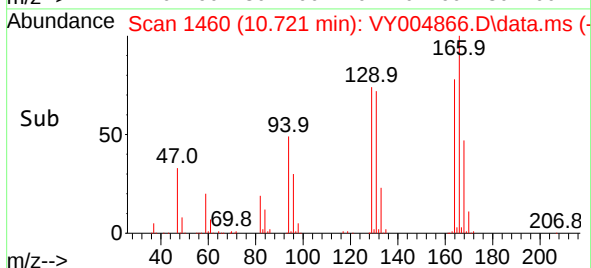
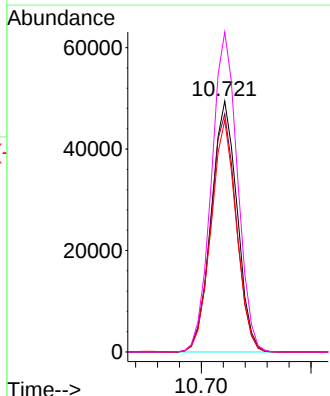
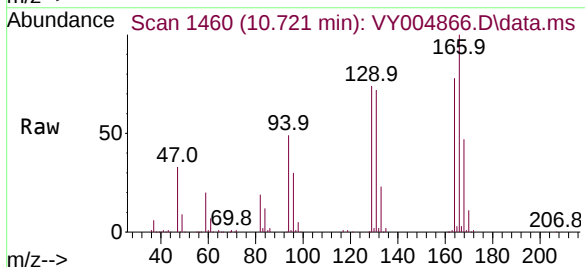
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

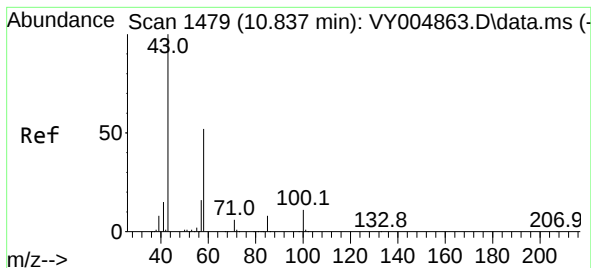
Tgt Ion:	97	Resp:	89408
Ion	Ratio	Lower	Upper
97	100		
99	60.7	44.2	82.0
83	88.7	61.1	113.5
85	55.7	40.5	75.3



#46
Tetrachloroethene
Concen: 25.46 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:	164	Resp:	80903
Ion	Ratio	Lower	Upper
164	100		
129	94.9	65.9	122.3
131	92.4	61.9	115.1
166	127.6	85.3	158.3

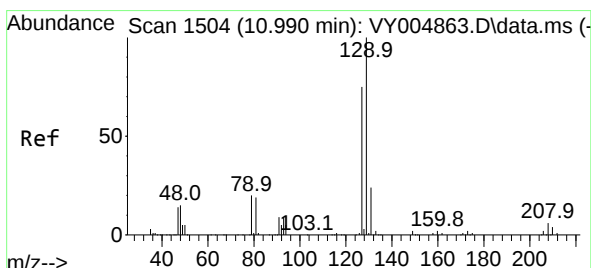
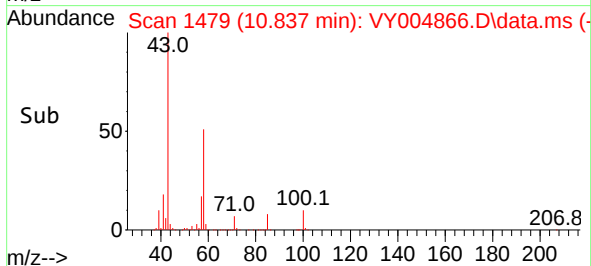
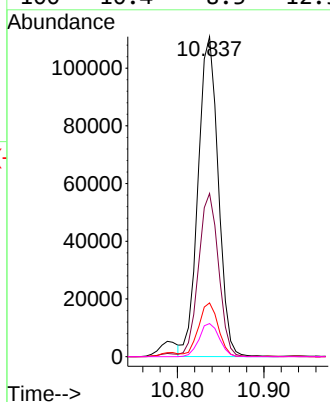
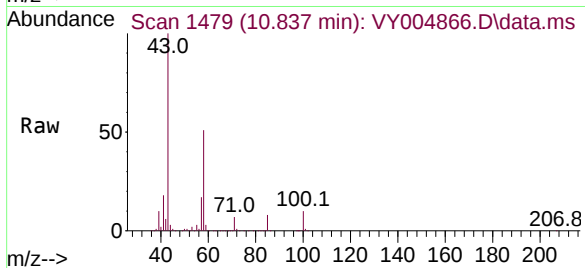




#48
2-Hexanone
Concen: 55.95 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

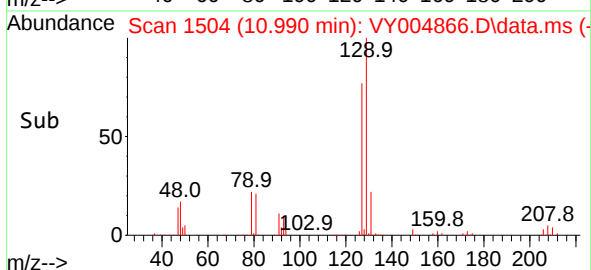
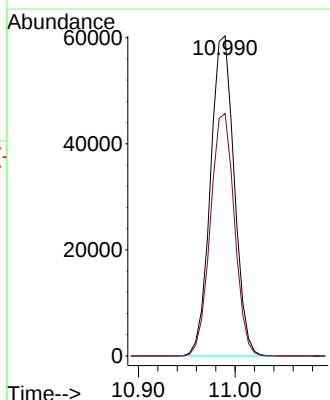
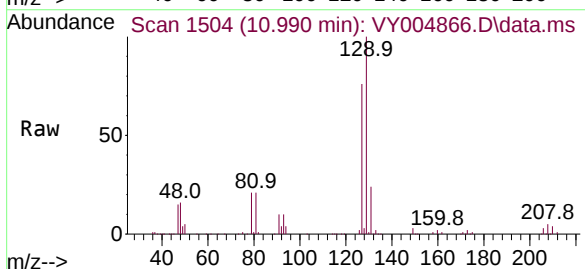
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

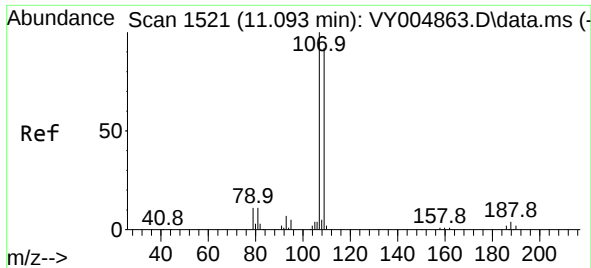
Tgt Ion: 43	Resp: 179251
Ion Ratio	Lower Upper
43 100	
58 50.6	41.1 61.7
57 16.5	13.8 20.6
100 10.4	8.3 12.5



#49
Dibromochloromethane
Concen: 26.43 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:129	Resp: 103017		
Ion Ratio	Lower	Upper	
129 100			
127 75.8	52.8	98.0	

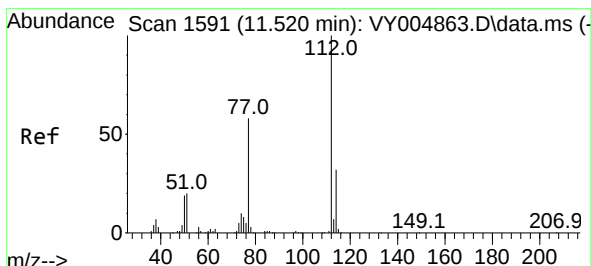
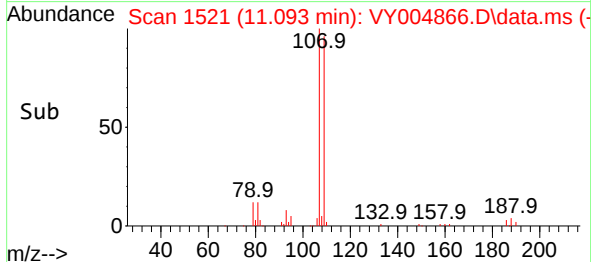
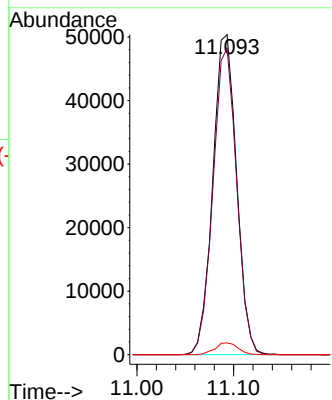
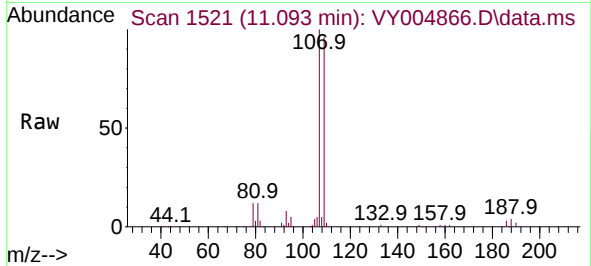




#50
1,2-Dibromoethane
Concen: 25.75 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

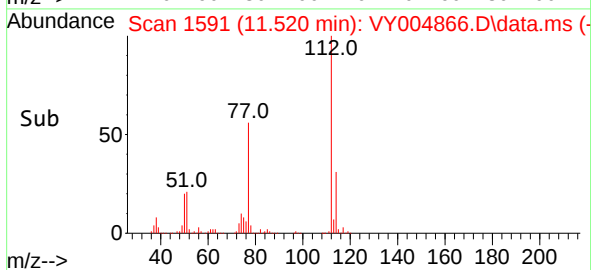
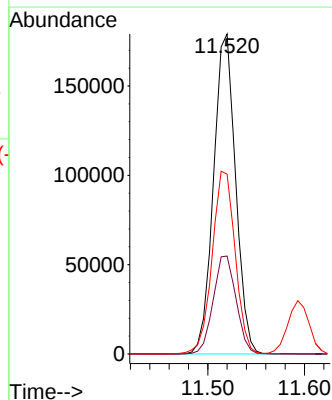
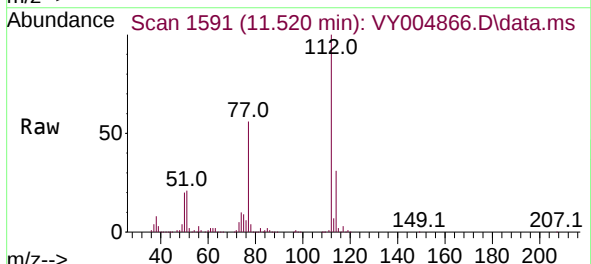
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

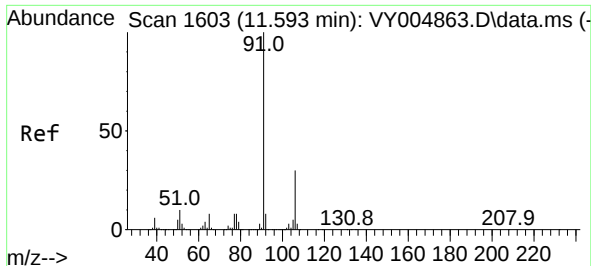
Tgt Ion:	107	Resp:	86107
Ion Ratio	Lower	Upper	
107	100		
109	95.7	65.7	121.9
188	3.7	2.8	4.2



#51
Chlorobenzene
Concen: 26.03 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:	112	Resp:	284142
Ion Ratio	Lower	Upper	
112	100		
114	30.6	22.3	41.5
77	56.2	46.5	69.7

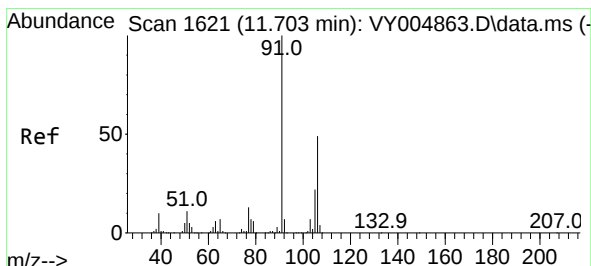
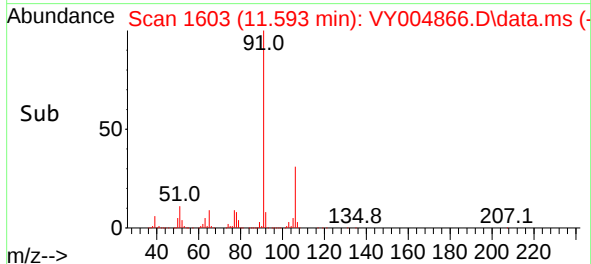
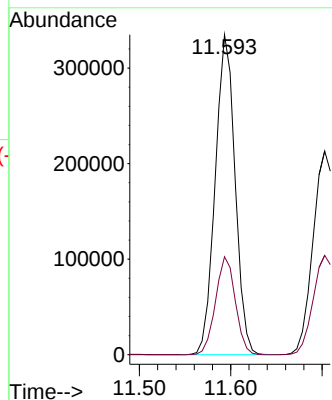
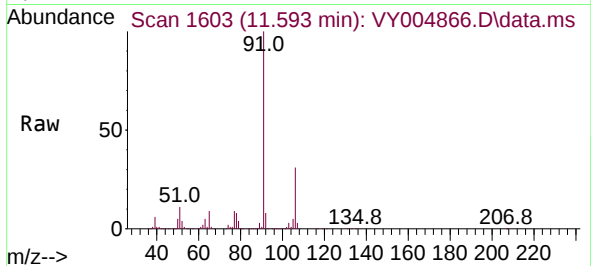




#52
Ethylbenzene
Concen: 26.55 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

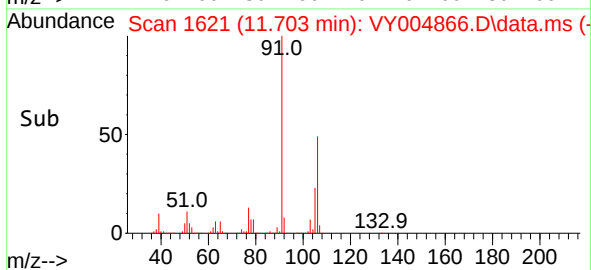
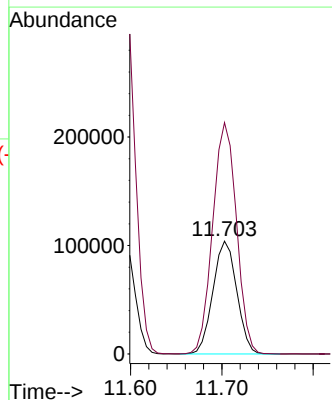
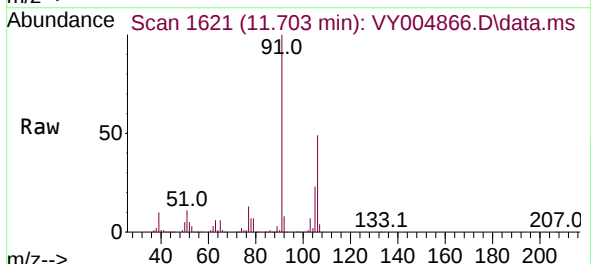
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

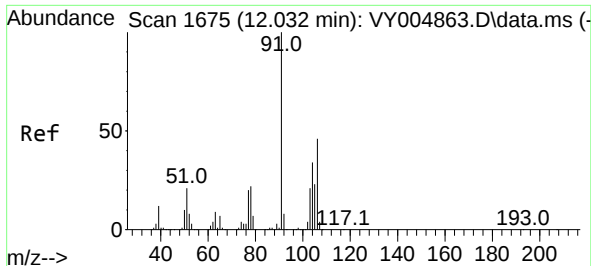
Tgt Ion: 91 Resp: 505407
Ion Ratio Lower Upper
91 100
106 30.6 21.2 39.4



#53
m,p-Xylene
Concen: 26.70 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:106 Resp: 188314
Ion Ratio Lower Upper
106 100
91 204.9 145.7 270.5

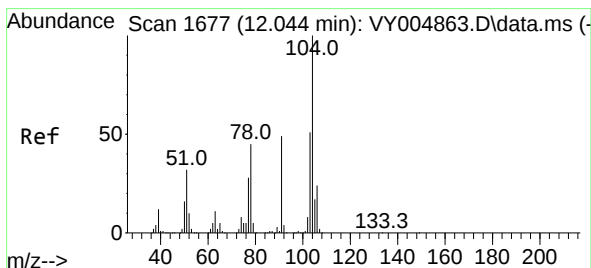
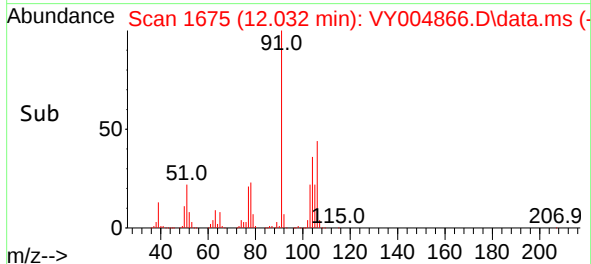
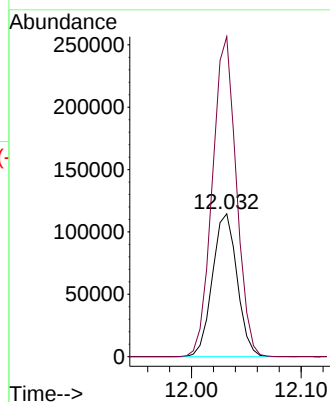
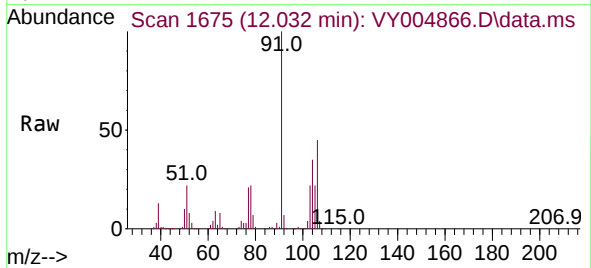




#54
o-Xylene
Concen: 26.64 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

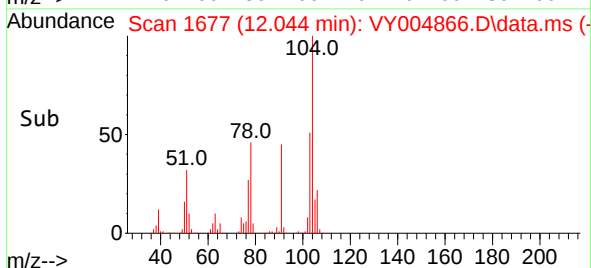
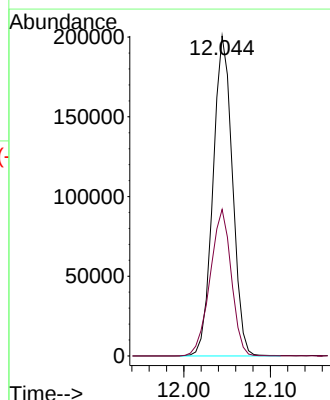
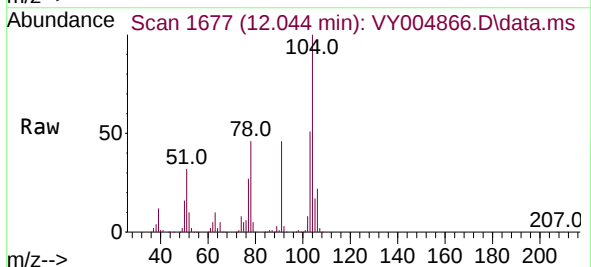
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

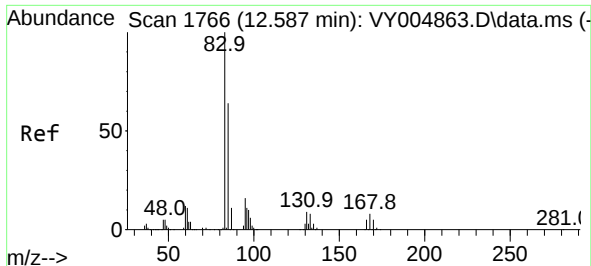
Tgt Ion:106 Resp: 179174
Ion Ratio Lower Upper
106 100
91 224.0 150.6 279.6



#55
Styrene
Concen: 27.04 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:104 Resp: 313375
Ion Ratio Lower Upper
104 100
78 45.8 31.8 59.0

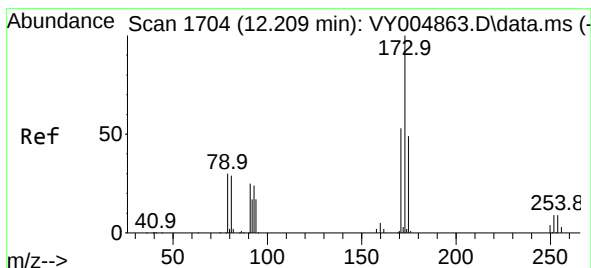
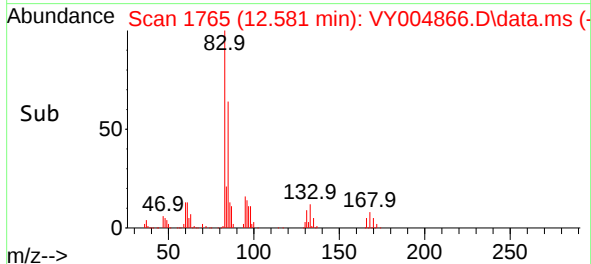
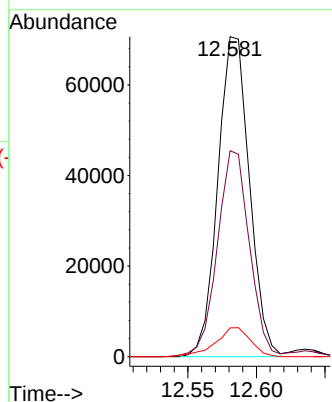
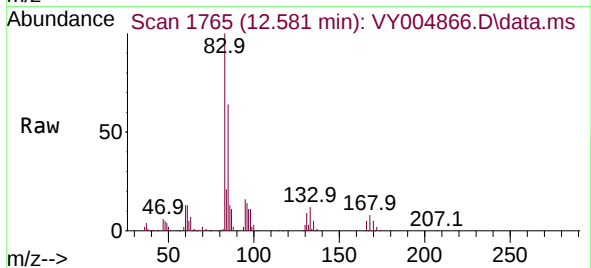




#57
1,1,2,2-Tetrachloroethane
Concen: 26.80 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

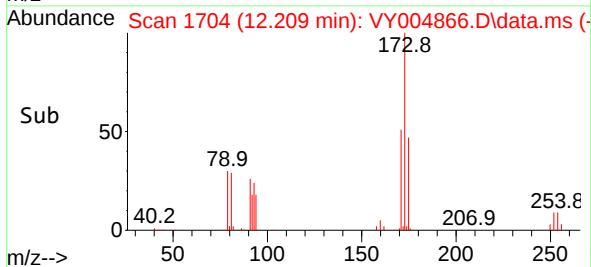
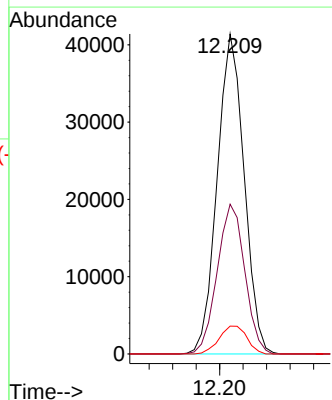
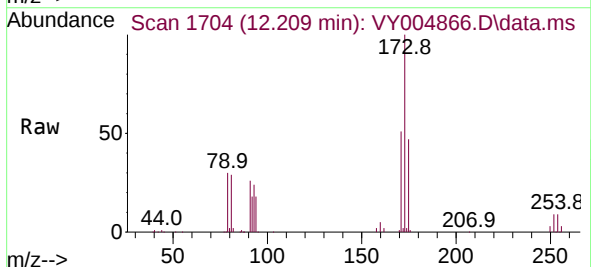
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

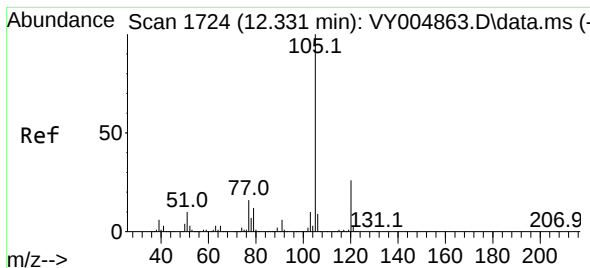
Tgt Ion: 83 Resp: 113181
Ion Ratio Lower Upper
83 100
85 64.3 45.0 83.6
131 9.0 6.9 10.3



#59
Bromoform
Concen: 26.49 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 173 Resp: 65930
Ion Ratio Lower Upper
173 100
175 47.9 38.8 58.2
254 9.0 7.3 10.9

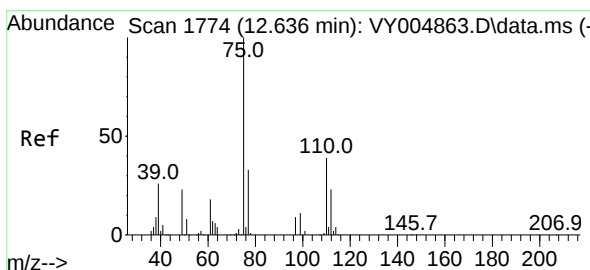
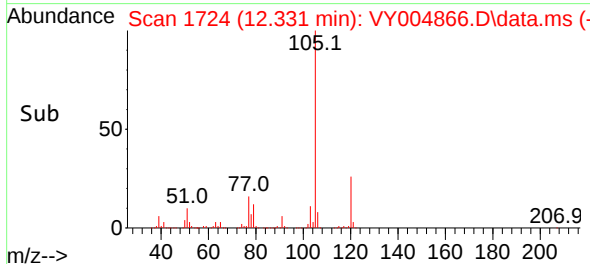
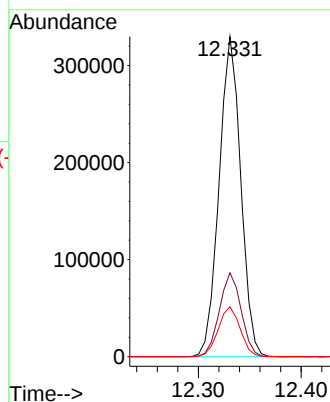
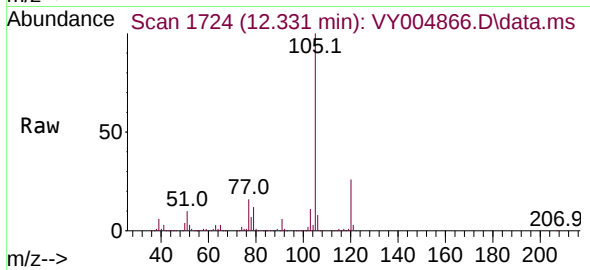




#60
Isopropylbenzene
Concen: 26.27 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

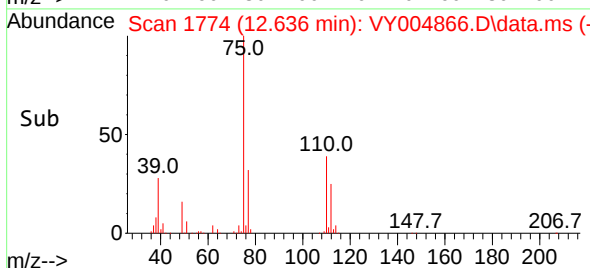
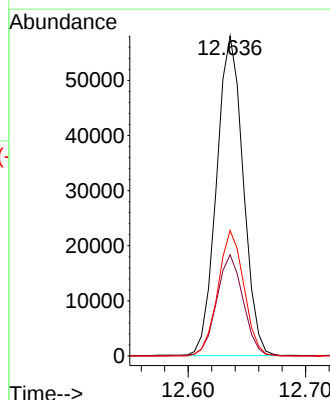
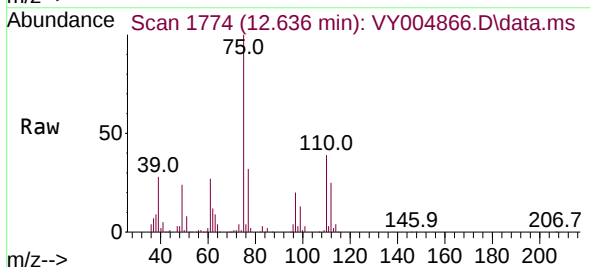
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

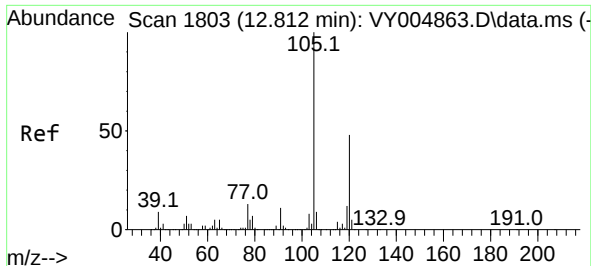
Tgt Ion:105 Resp: 482286
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.8 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 25.70 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 75 Resp: 91284
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5
110 38.2 30.8 46.2

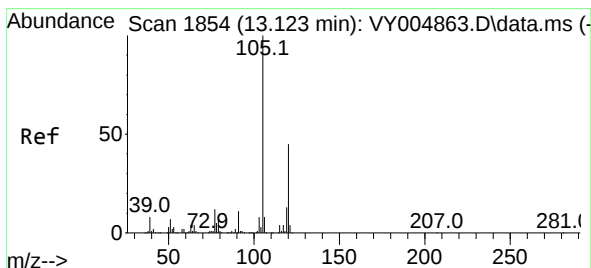
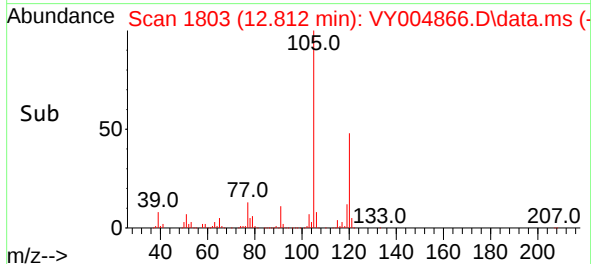
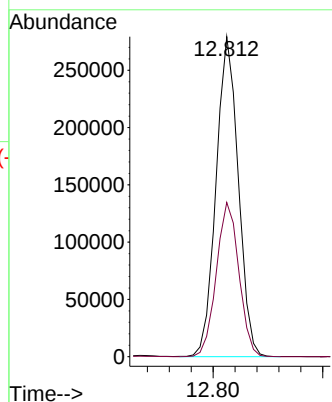
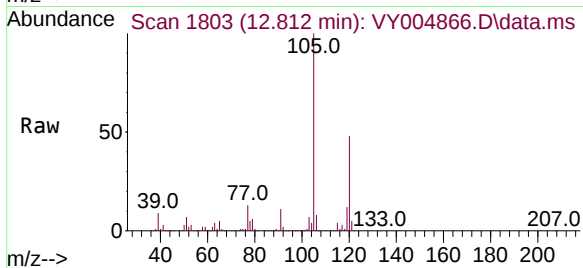




#62
1,3,5-Trimethylbenzene
Concen: 26.66 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

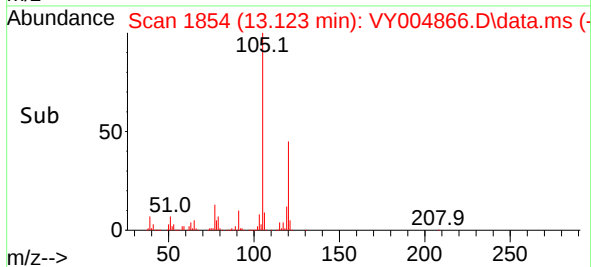
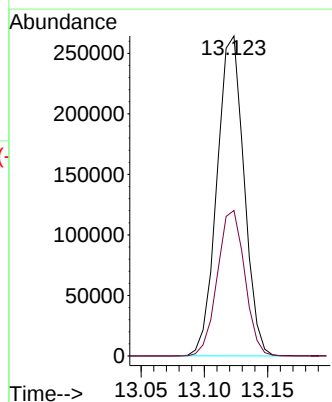
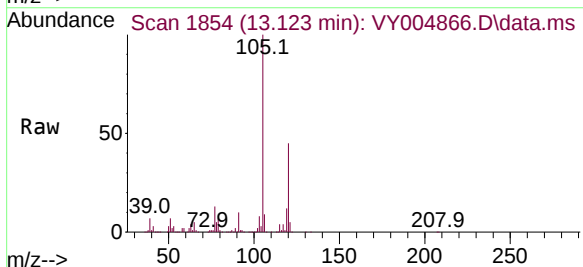
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

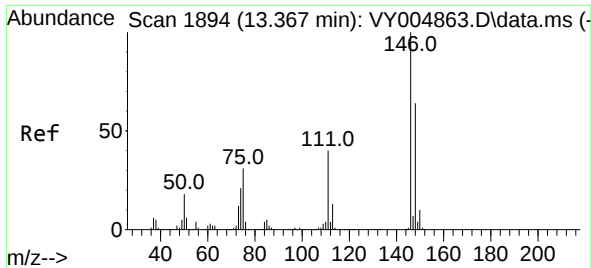
Tgt Ion:105 Resp: 393379
Ion Ratio Lower Upper
105 100
120 48.9 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 26.66 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:105 Resp: 392673
Ion Ratio Lower Upper
105 100
120 46.0 36.2 54.4

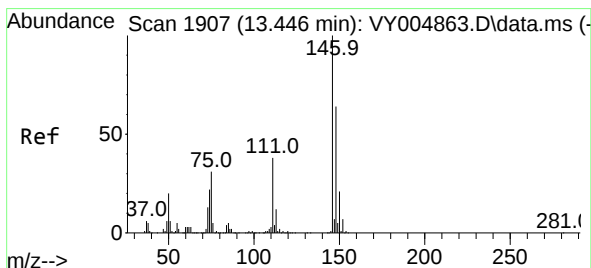
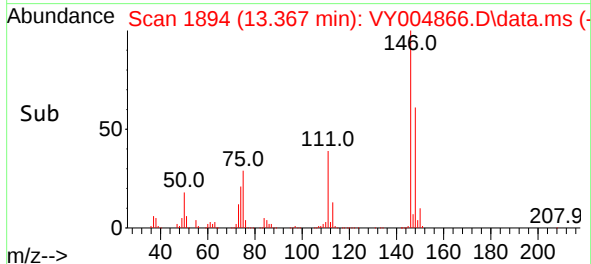
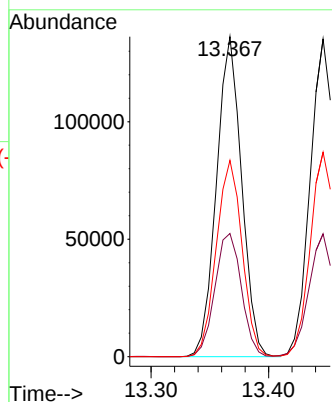
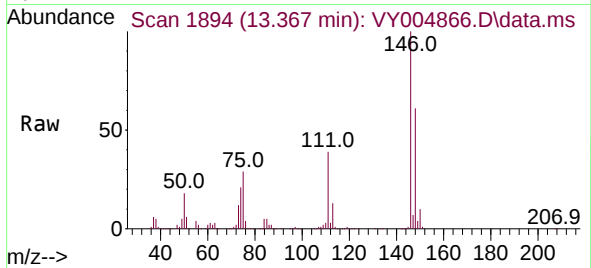




#64
1,3-Dichlorobenzene
Concen: 25.94 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

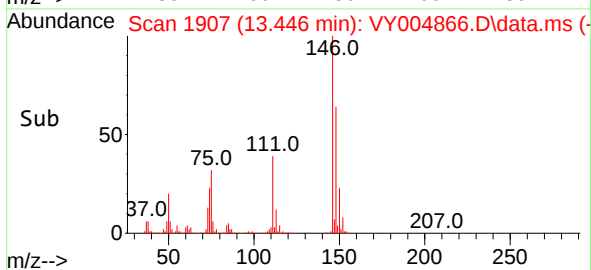
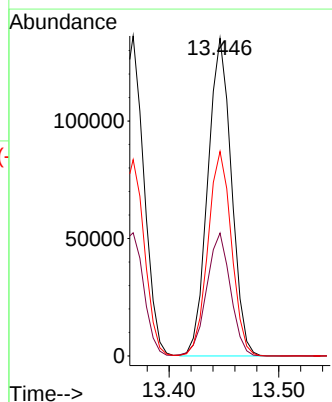
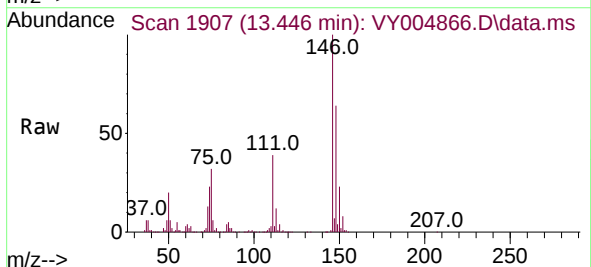
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

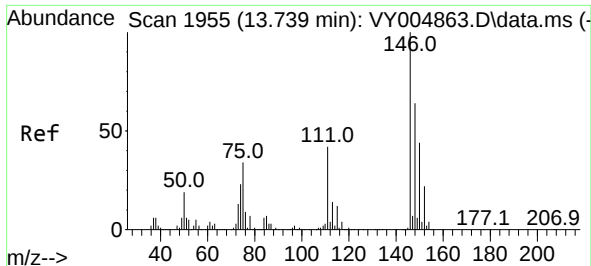
Tgt Ion:146 Resp: 202843
Ion Ratio Lower Upper
146 100
111 38.5 27.4 51.0
148 61.4 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 25.62 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:146 Resp: 202882
Ion Ratio Lower Upper
146 100
111 38.7 26.4 49.0
148 64.3 44.3 82.3

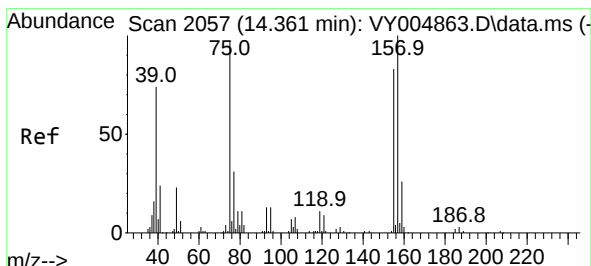
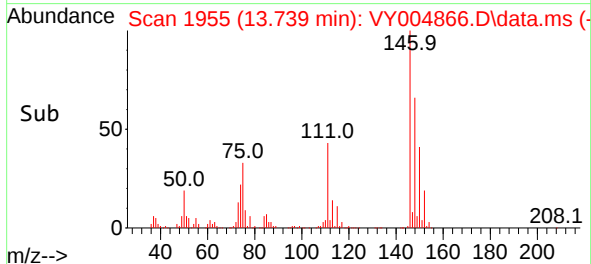
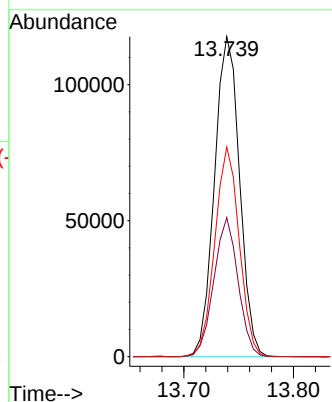
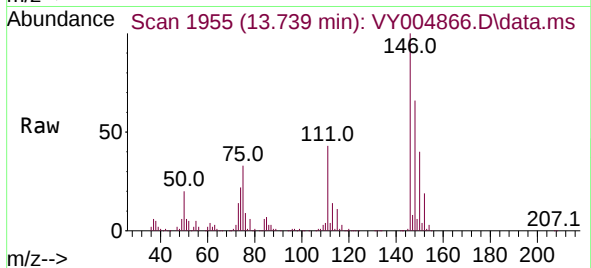




#67
1,2-Dichlorobenzene
Concen: 25.85 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

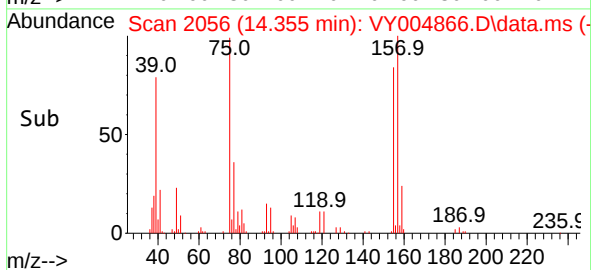
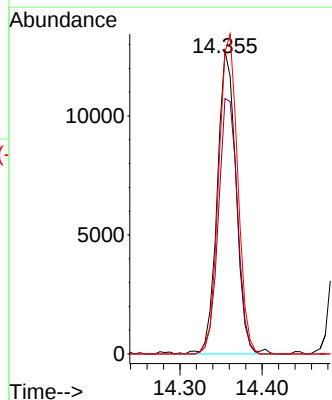
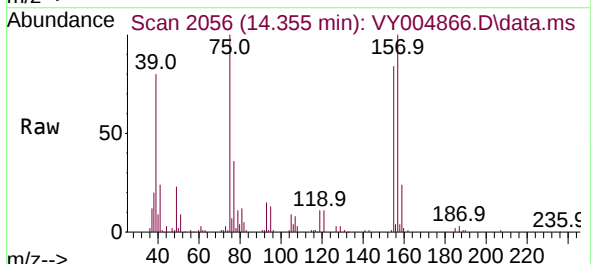
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

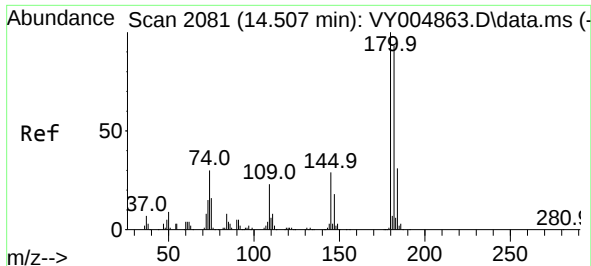
Tgt Ion:146 Resp: 187425
Ion Ratio Lower Upper
146 100
111 43.4 33.9 50.9
148 65.5 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.96 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion: 75 Resp: 20161
Ion Ratio Lower Upper
75 100
155 84.3 64.5 96.7
157 99.6 77.4 116.2

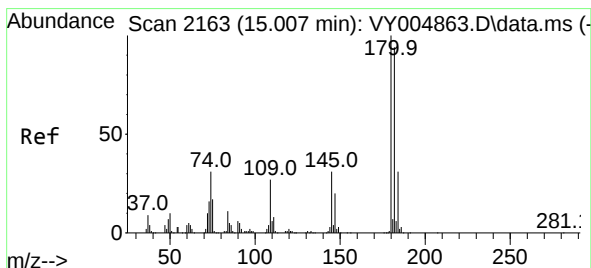
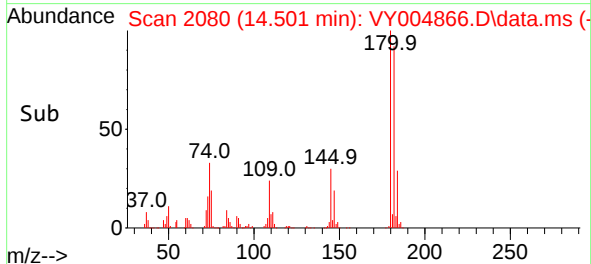
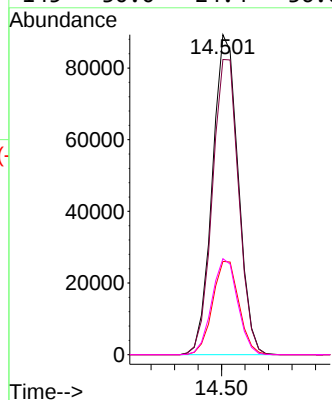
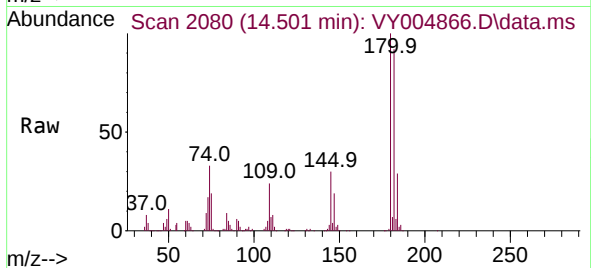




#69
1,3,5-Trichlorobenzene
Concen: 25.92 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

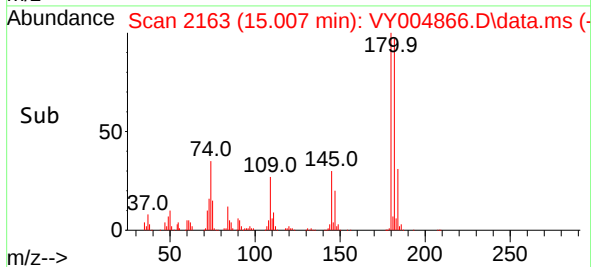
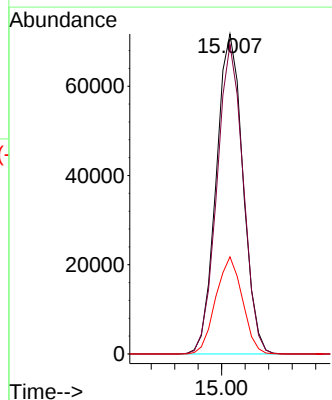
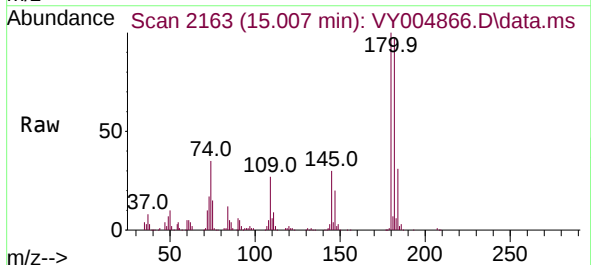
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

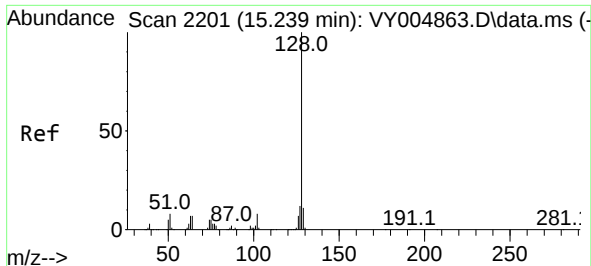
Tgt Ion:	180	Resp:	136349
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.1	114.1
184	29.7	24.6	36.8
145	30.0	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 25.73 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:	180	Resp:	113270
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.4	114.6
145	30.2	25.0	37.6

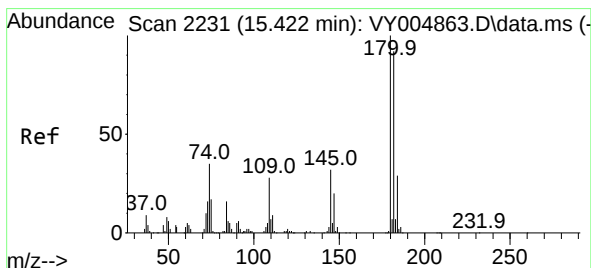
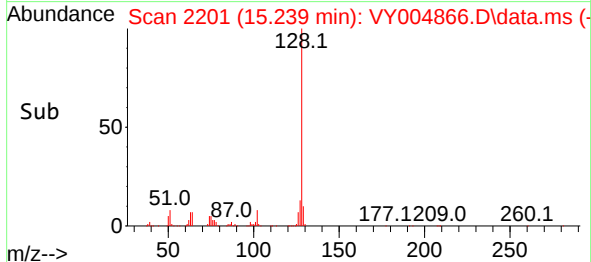
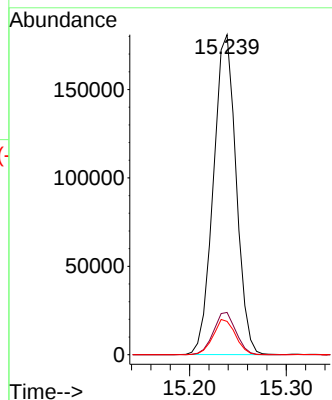
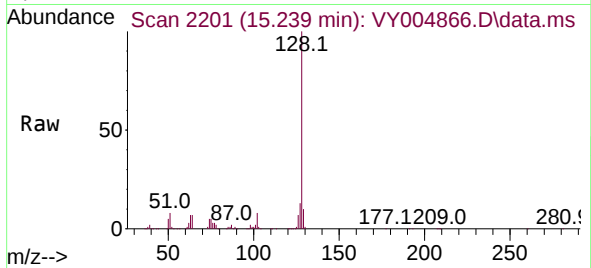




#71
Naphthalene
Concen: 26.64 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025145

Tgt Ion:128 Resp: 295568
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: 25.87 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004866.D
Acq: 24 May 2021 13:13

Tgt Ion:180 Resp: 103420
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.2
145 32.2 25.8 38.8

