

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051921\
 Data File : VY004848.D
 Acq On : 19 May 2021 13:06
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 20 03:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 02:58:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	327746	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	304909	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	146122	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	144099	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	107.92%
7) Chloroethane-d5	2.766	69	107832	27.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.60%
11) 1,1-Dichloroethene-d2	3.863	63	244320	26.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.12%
21) 2-Butanone-d5	6.899	46	128035	57.79	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.58%
24) Chloroform-d	7.490	84	226359	26.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.68%
26) 1,2-Dichloroethane-d4	8.149	65	143839	27.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.56%
32) Benzene-d6	8.118	84	493109	27.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.00%
36) 1,2-Dichloropropane-d6	9.124	67	160420	27.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.32%
41) Toluene-d8	10.185	98	452073	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.08%
43) trans-1,3-Dichloroprop...	10.441	79	76863	27.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.08%
47) 2-Hexanone-d5	10.795	63	95898	59.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.52%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	144812	27.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.92%
66) 1,2-Dichlorobenzene-d4	13.721	152	140845	26.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.68%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	104130	23.83	ug/L	100
3) Chloromethane	2.119	50	126559	23.63	ug/L	100
5) Vinyl chloride	2.253	62	134138	23.44	ug/L	99
6) Bromomethane	2.656	94	58619	26.08	ug/L	98
8) Chloroethane	2.802	64	79746	23.92	ug/L	98
9) Trichlorofluoromethane	3.131	101	173287	23.69	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.906	101	104864	24.12	ug/L	99
12) 1,1-Dichloroethene	3.881	96	96488	23.82	ug/L	91
13) Acetone	3.960	43	64733	49.45	ug/L	100
14) Carbon disulfide	4.204	76	316655	24.31	ug/L	99
15) Methyl Acetate	4.491	43	90889	24.89	ug/L	99
16) Methylene chloride	4.729	84	119180	21.19	ug/L	97
17) trans-1,2-Dichloroethene	5.228	96	106971	24.36	ug/L	94
18) Methyl tert-butyl Ether	5.235	73	311236	24.68	ug/L	100
19) 1,1-Dichloroethane	6.027	63	203201	24.26	ug/L	97
20) cis-1,2-Dichloroethene	6.996	96	115125	24.38	ug/L	99
22) 2-Butanone	7.003	43	119593	52.76	ug/L	98
23) Bromochloromethane	7.344	128	53639	24.09	ug/L	97
25) Chloroform	7.515	83	206326	24.04	ug/L	99

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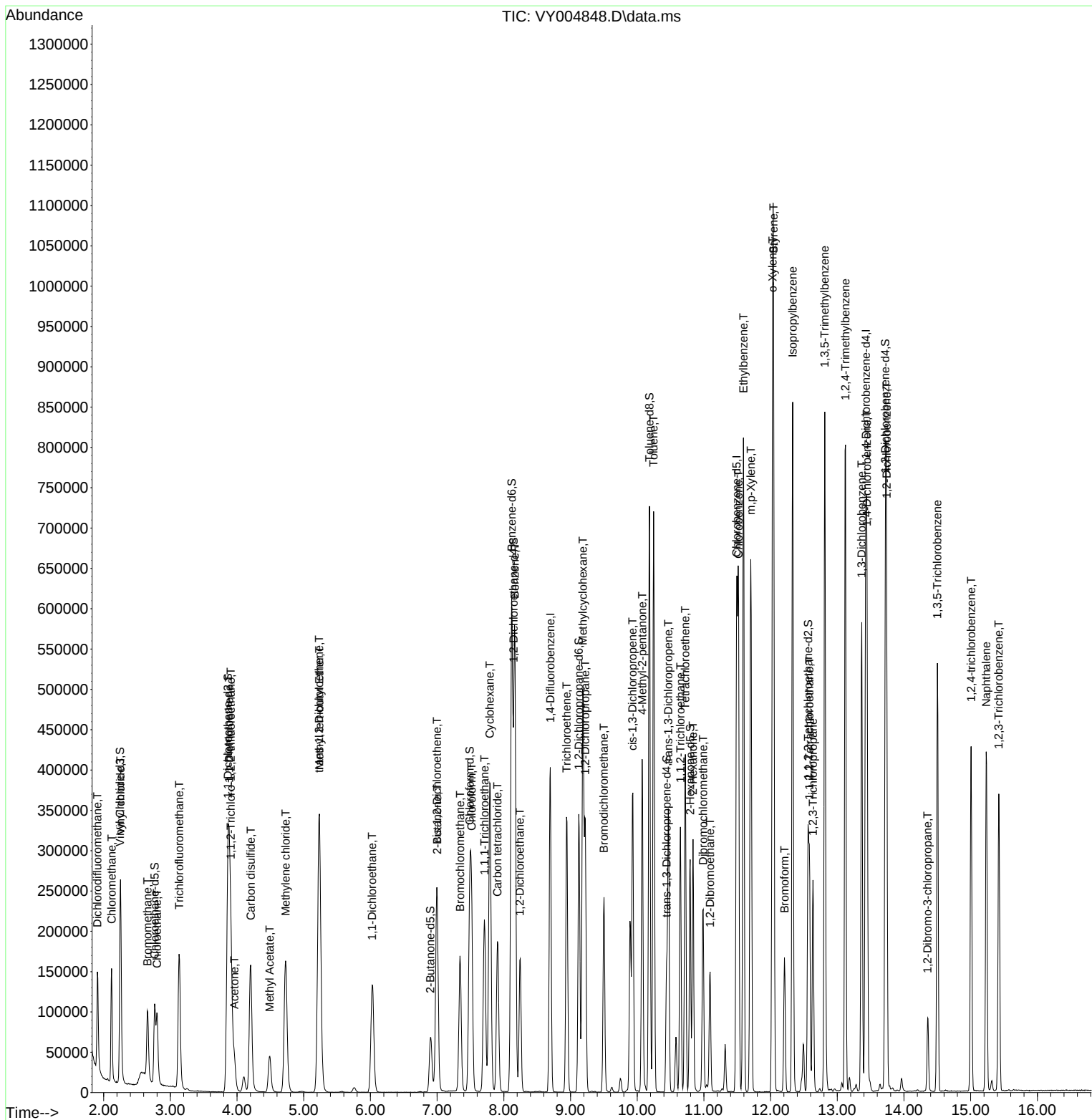
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 ClientSampleId :

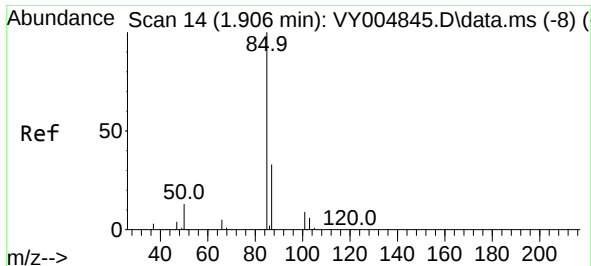
Quant Time: May 20 03:07:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 20 02:58:10 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.240	62	144720	24.41	ug/L	99
29) Cyclohexane	7.789	56	193415	24.46	ug/L	99
30) 1,1,1-Trichloroethane	7.710	97	174298	24.27	ug/L	99
31) Carbon tetrachloride	7.905	117	138641	24.48	ug/L	98
33) Benzene	8.167	78	454081	24.14	ug/L	100
34) Trichloroethene	8.941	95	117200	24.65	ug/L	98
35) Methylcyclohexane	9.185	83	196011	24.53	ug/L	99
37) 1,2-Dichloropropane	9.222	63	123080	24.51	ug/L	100
38) Bromodichloromethane	9.502	83	152391	24.63	ug/L	98
39) cis-1,3-Dichloropropene	9.929	75	195169	25.05	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	272220	50.87	ug/L	99
42) Toluene	10.246	91	490261	24.65	ug/L	100
44) trans-1,3-Dichloropropene	10.465	75	180173	24.90	ug/L	100
45) 1,1,2-Trichloroethane	10.648	97	96227	24.68	ug/L	99
46) Tetrachloroethene	10.721	164	85840	23.96	ug/L	98
48) 2-Hexanone	10.837	43	192874	53.40	ug/L	100
49) Dibromochloromethane	10.990	129	108477	24.68	ug/L	96
50) 1,2-Dibromoethane	11.093	107	93987	24.93	ug/L	99
51) Chlorobenzene	11.520	112	298266	24.24	ug/L	99
52) Ethylbenzene	11.593	91	531040	24.75	ug/L	100
53) m,p-Xylene	11.703	106	197694	24.86	ug/L	97
54) o-Xylene	12.032	106	191153	25.21	ug/L	98
55) Styrene	12.044	104	329040	25.19	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.581	83	121379	25.50	ug/L	99
59) Bromoform	12.209	173	69039	24.78	ug/L	100
60) Isopropylbenzene	12.331	105	507667	24.71	ug/L	100
61) 1,2,3-Trichloropropane	12.636	75	99014	24.91	ug/L	99
62) 1,3,5-Trimethylbenzene	12.812	105	416032	25.19	ug/L	100
63) 1,2,4-Trimethylbenzene	13.123	105	416986	25.29	ug/L	100
64) 1,3-Dichlorobenzene	13.367	146	215232	24.59	ug/L	99
65) 1,4-Dichlorobenzene	13.447	146	218282	24.63	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	199692	24.61	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	22975	25.41	ug/L	96
69) 1,3,5-Trichlorobenzene	14.501	180	146864	24.94	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	121667	24.69	ug/L	99
71) Naphthalene	15.233	128	327318	26.36	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	113047	25.26	ug/L	99

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

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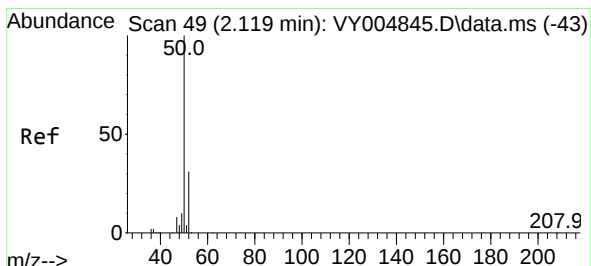
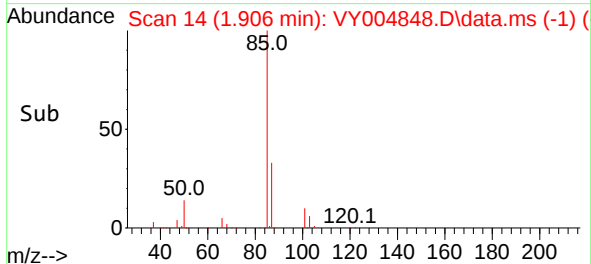
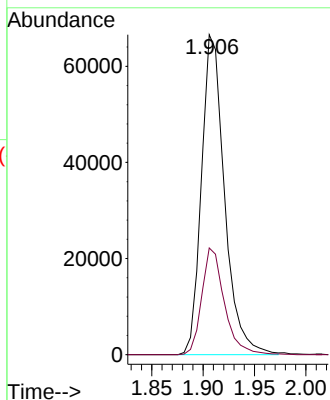
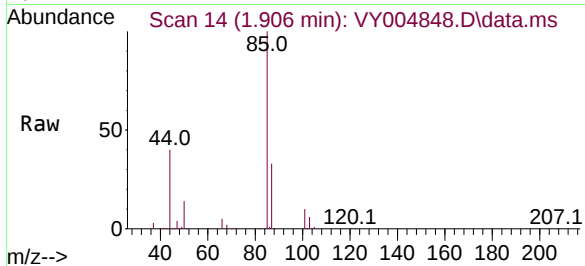




#2
Dichlorodifluoromethane
Concen: 23.83 ug/L
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

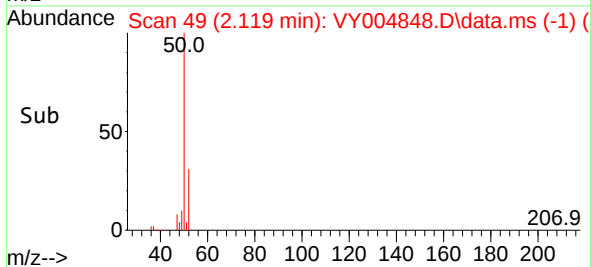
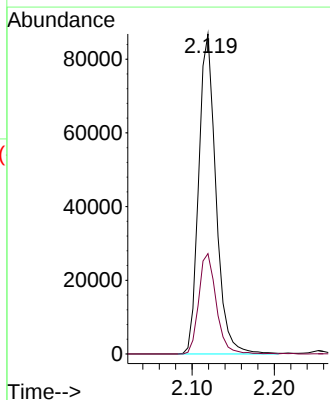
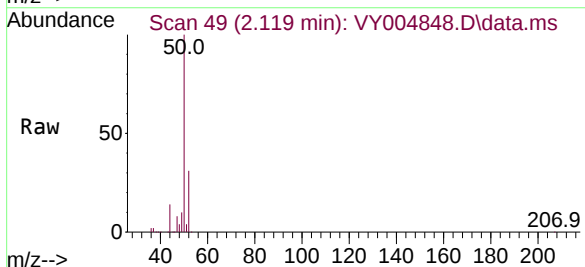
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MSVOA_Y
ClientSampled :

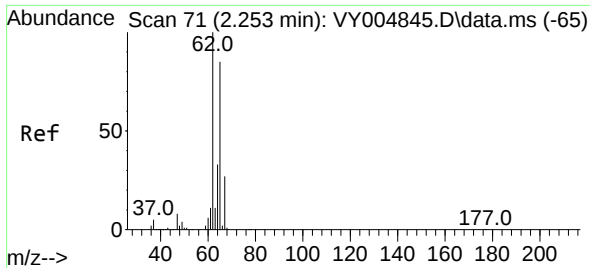
Tgt Ion: 85 Resp: 104130
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.2



#3
Chloromethane
Concen: 23.63 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 50 Resp: 126559
Ion Ratio Lower Upper
50 100
52 31.4 21.8 40.4

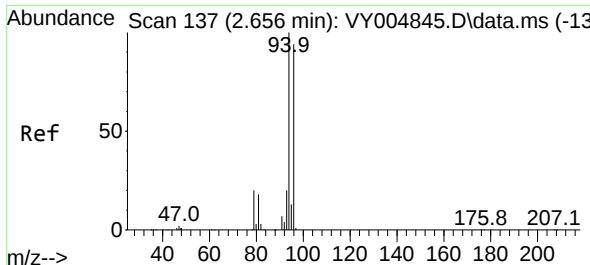
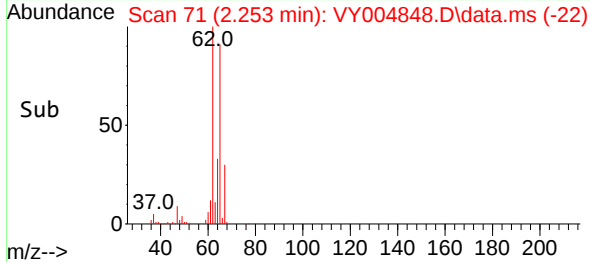
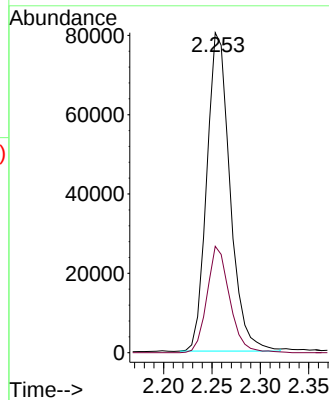
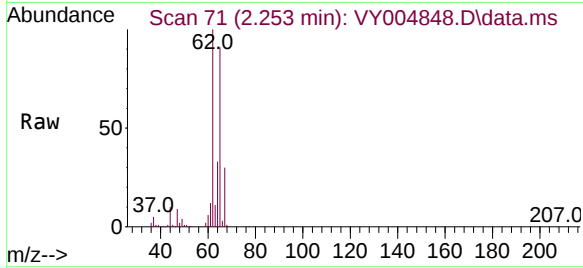




#5
 Vinyl chloride
 Concen: 23.44 ug/L
 RT: 2.253 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VY004848.D
 Acq: 19 May 2021 13:06

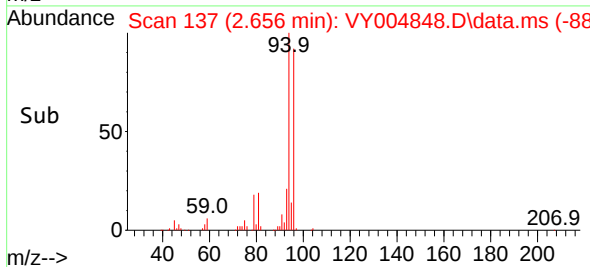
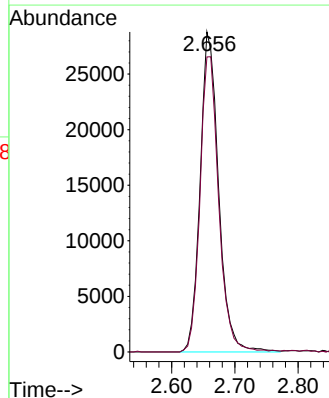
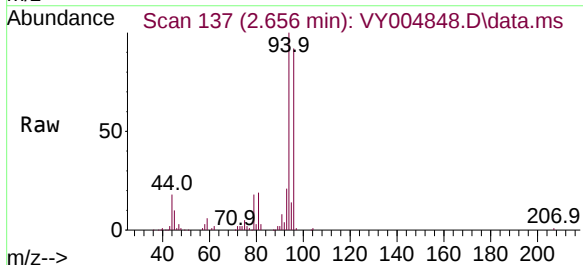
Instrument :
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 ClientSampled :

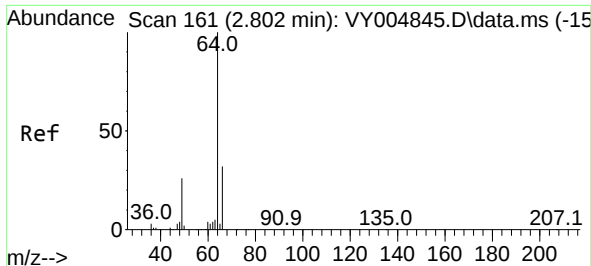
Tgt Ion: 62 Resp: 134138
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.8 42.4



#6
 Bromomethane
 Concen: 26.08 ug/L
 RT: 2.656 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VY004848.D
 Acq: 19 May 2021 13:06

Tgt Ion: 94 Resp: 58619
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.9 122.5

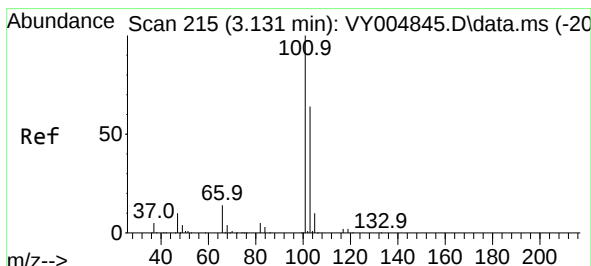
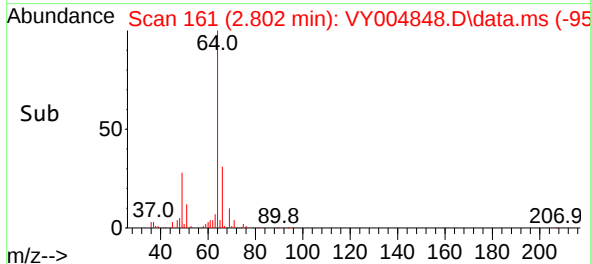
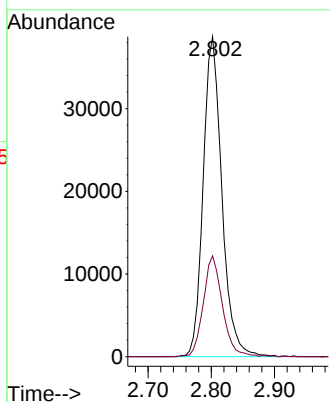
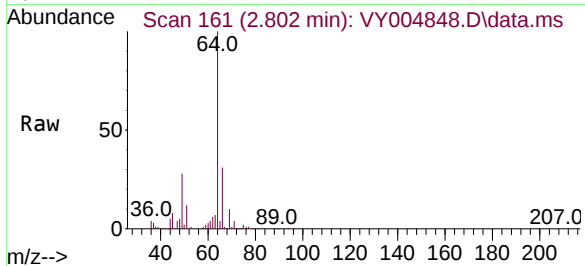




#8
Chloroethane
Concen: 23.92 ug/L
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

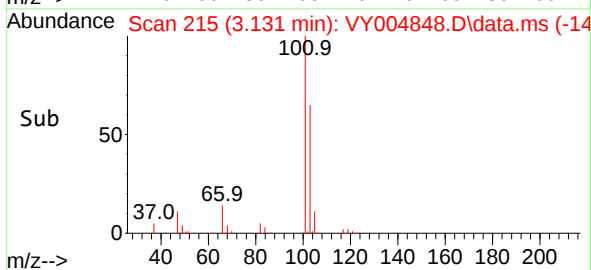
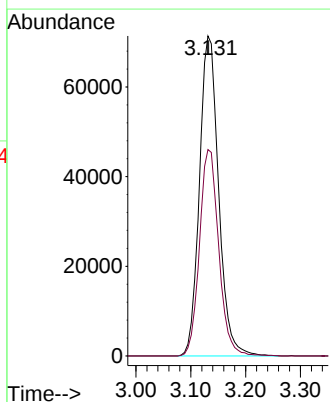
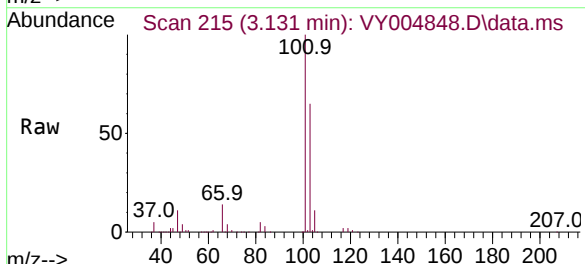
Instrument :
MSVOA_Y
ClientSampled :

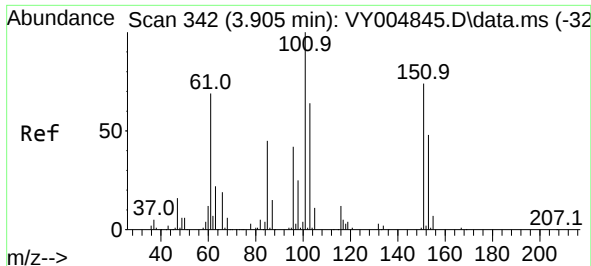
Tgt Ion: 64 Resp: 79746
Ion Ratio Lower Upper
64 100
66 31.5 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.69 ug/L
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:101 Resp: 173287
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

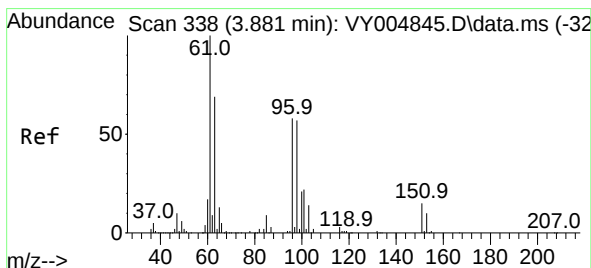
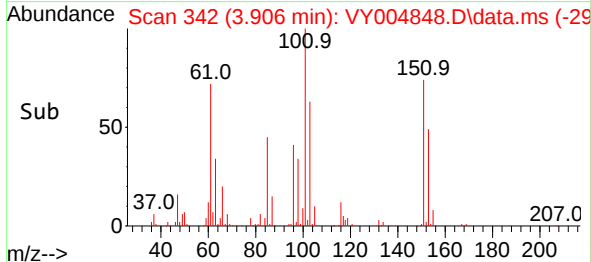
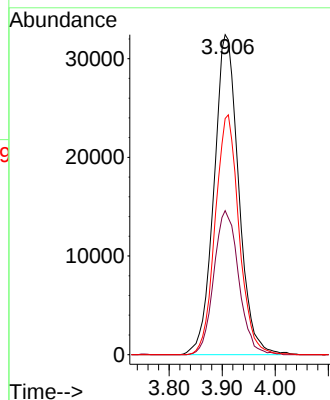
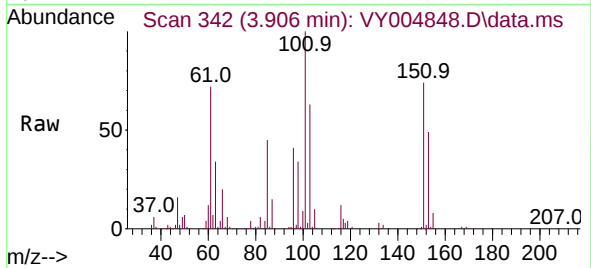




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.12 ug/L
 RT: 3.906 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VY004848.D
 Acq: 19 May 2021 13:06

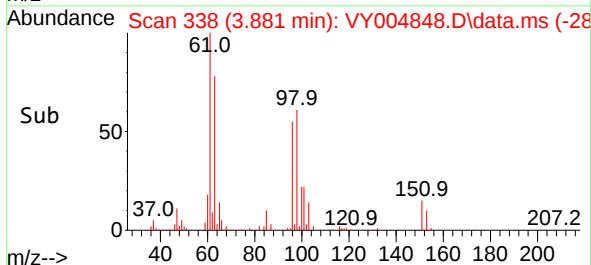
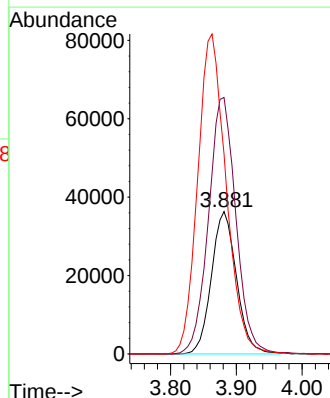
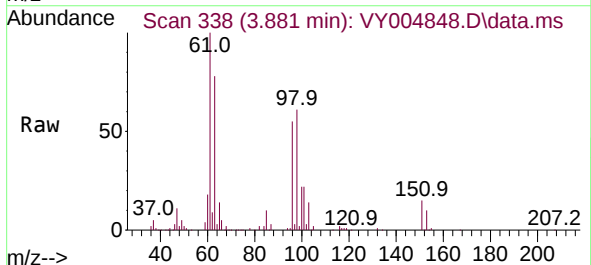
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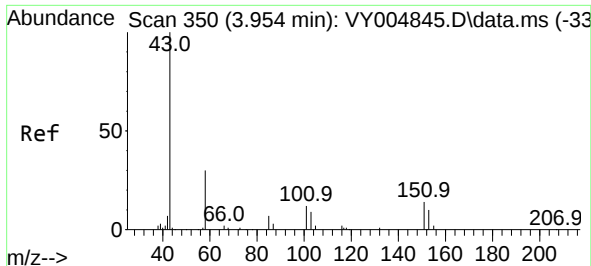
Tgt Ion:	101	Resp:	104864
Ion	Ratio	Lower	Upper
101	100		
85	45.4	36.6	54.8
151	72.5	59.0	88.4



#12
 1,1-Dichloroethene
 Concen: 23.82 ug/L
 RT: 3.881 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VY004848.D
 Acq: 19 May 2021 13:06

Tgt Ion:	96	Resp:	96488
Ion	Ratio	Lower	Upper
96	100		
61	180.2	121.2	225.2
63	140.5	86.9	161.3

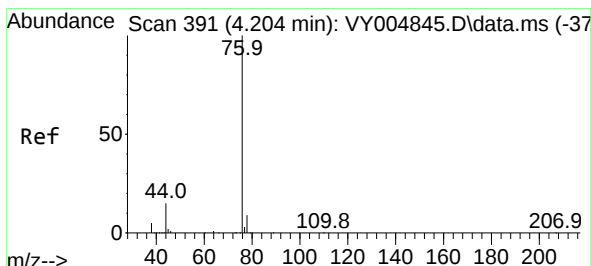
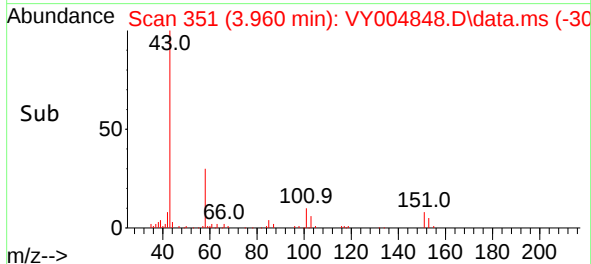
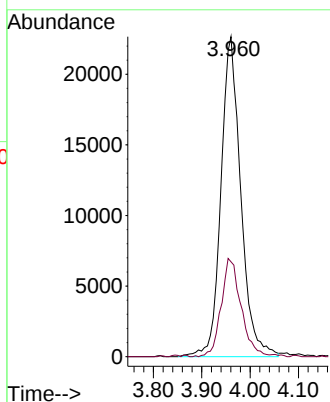
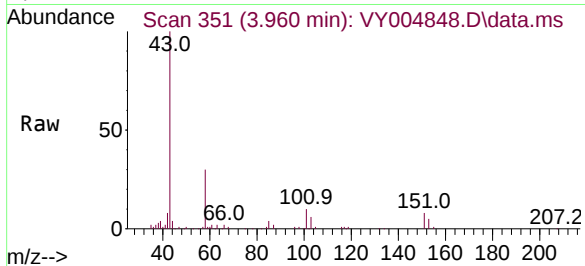




#13
Acetone
Concen: 49.45 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

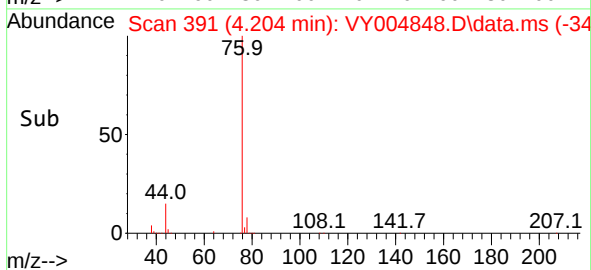
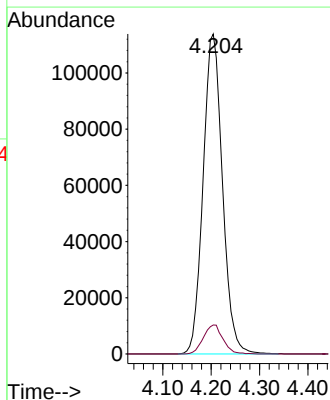
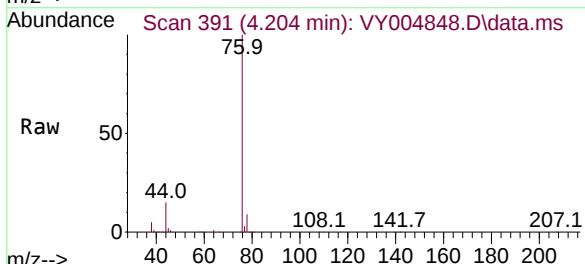
Instrument :
MSVOA_Y
ClientSampled :

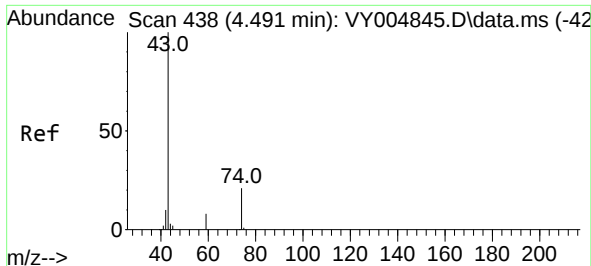
Tgt Ion: 43 Resp: 64733
Ion Ratio Lower Upper
43 100
58 30.5 0.0 61.0



#14
Carbon disulfide
Concen: 24.31 ug/L
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 76 Resp: 316655
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2

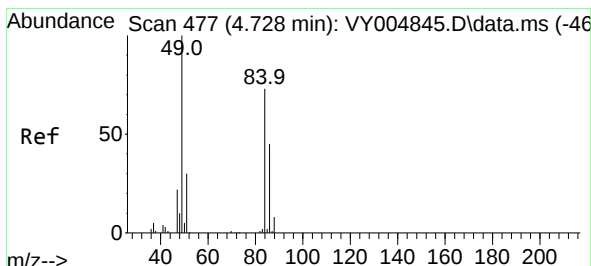
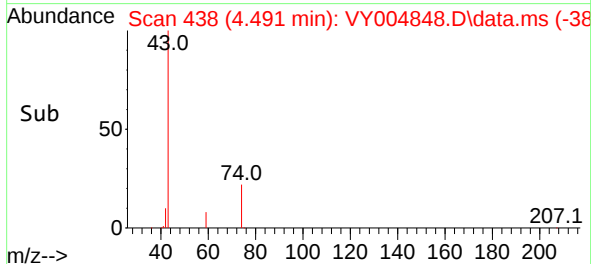
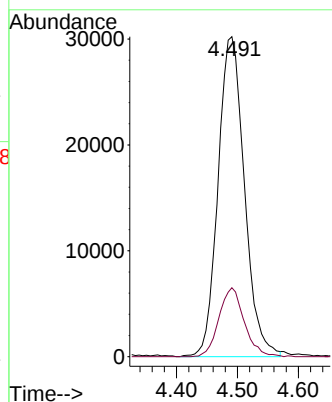
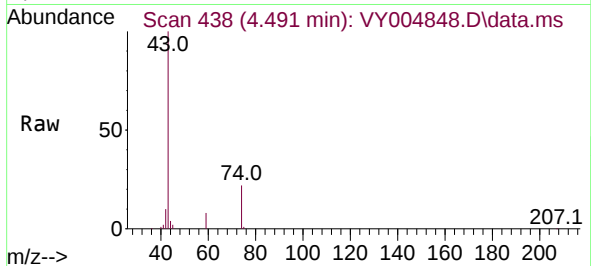




#15
Methyl Acetate
Concen: 24.89 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

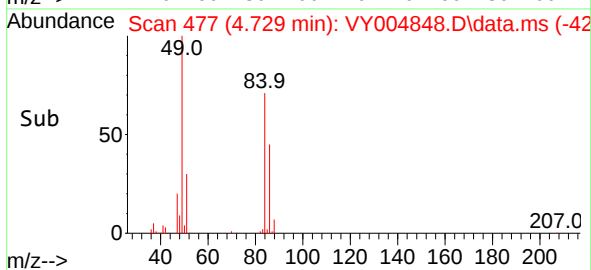
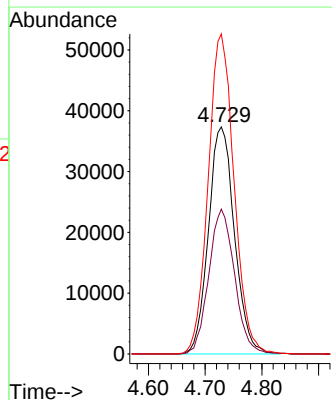
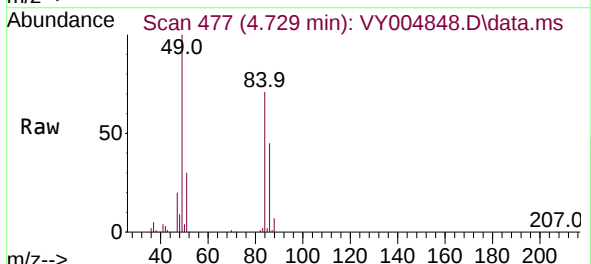
Instrument :
MSVOA_Y
ClientSampled :

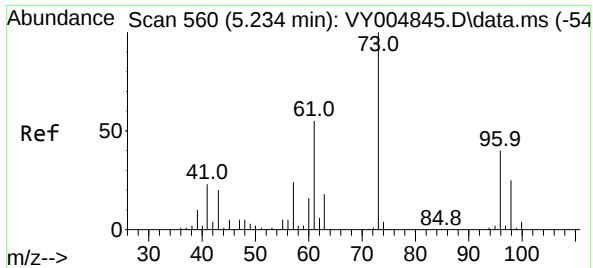
Tgt Ion: 43 Resp: 90889
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1



#16
Methylene chloride
Concen: 21.19 ug/L
RT: 4.729 min Scan# 477
Delta R.T. 0.001 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 84 Resp: 119180
Ion Ratio Lower Upper
84 100
86 63.8 43.2 80.2
49 141.0 96.0 178.4

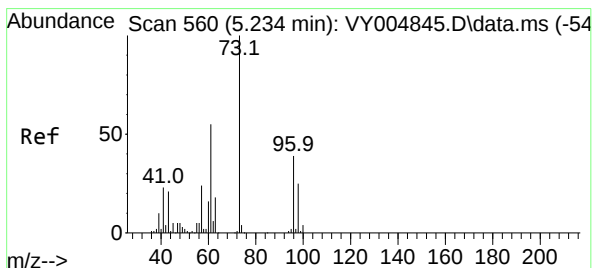
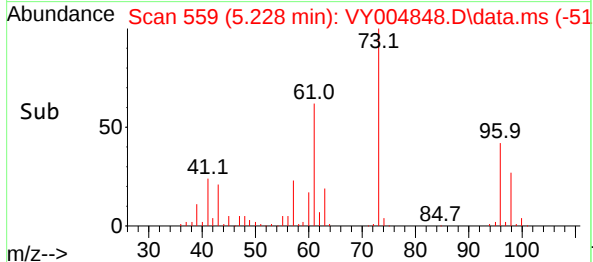
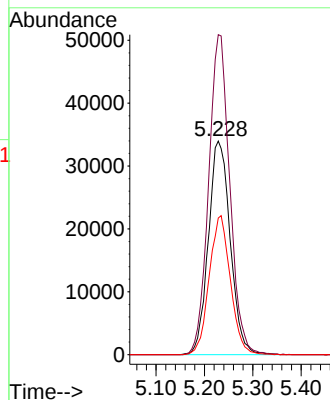
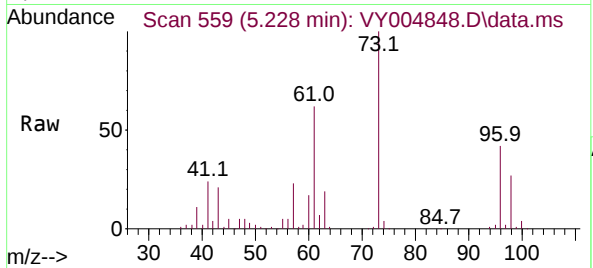




#17
trans-1,2-Dichloroethene
Concen: 24.36 ug/L
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

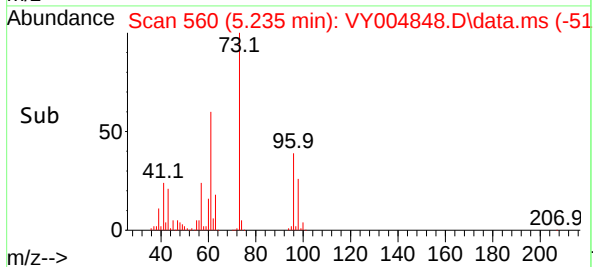
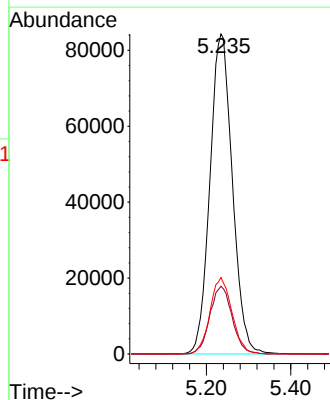
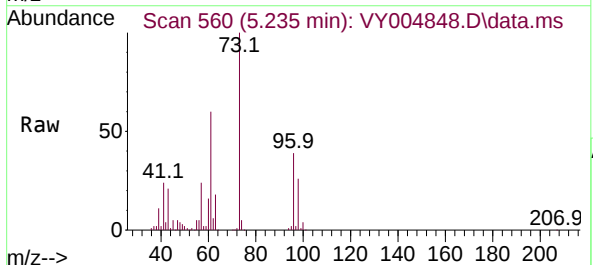
Instrument :
MSVOA_Y
ClientSampleId :

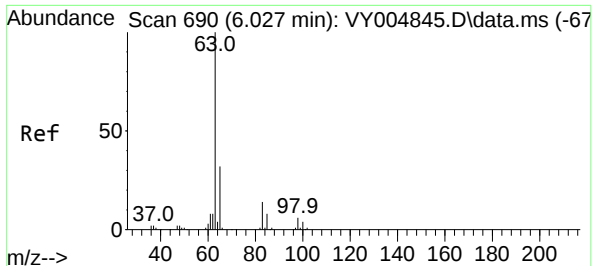
Tgt Ion:	96	Resp:	106971
Ion	Ratio	Lower	Upper
96	100		
61	149.8	97.6	181.2
98	64.0	44.8	83.2



#18
Methyl tert-butyl Ether
Concen: 24.68 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:	73	Resp:	311236
Ion	Ratio	Lower	Upper
73	100		
43	21.0	16.8	25.2
57	23.4	18.7	28.1





#19

1,1-Dichloroethane

Concen: 24.26 ug/L

RT: 6.027 min Scan# 690

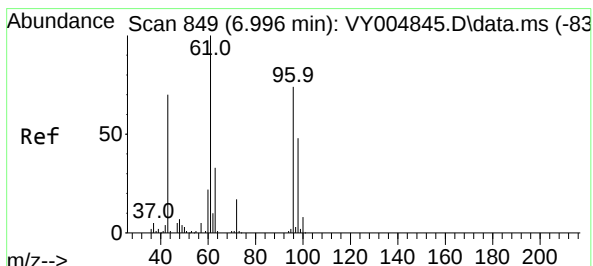
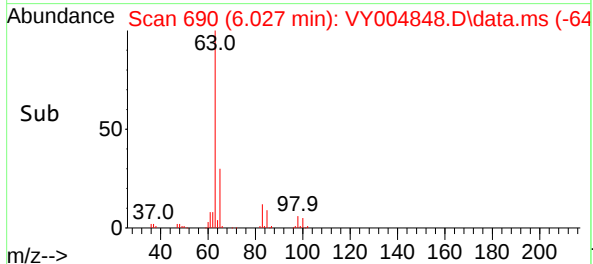
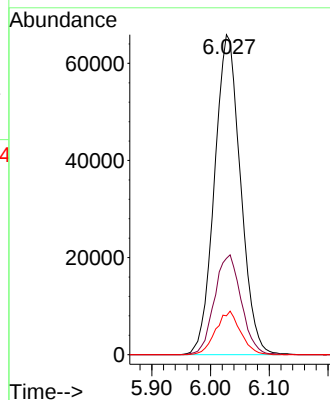
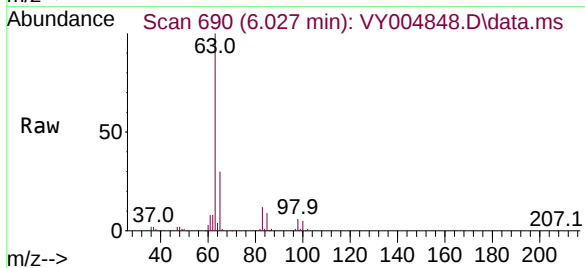
Delta R.T. 0.000 min

Lab File: VY004848.D

Acq: 19 May 2021 13:06

Tgt Ion: 63 Resp: 203201

Ion	Ratio	Lower	Upper
63	100		
65	30.1	22.4	41.6
83	12.2	9.5	17.7



#20

cis-1,2-Dichloroethene

Concen: 24.38 ug/L

RT: 6.996 min Scan# 849

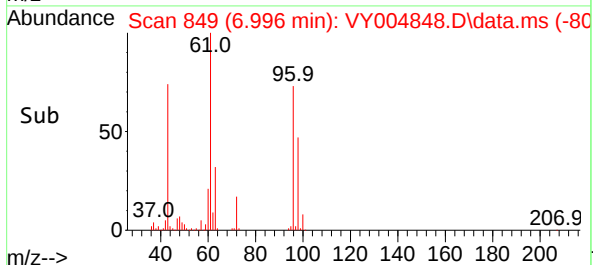
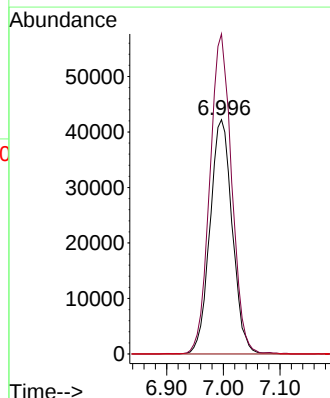
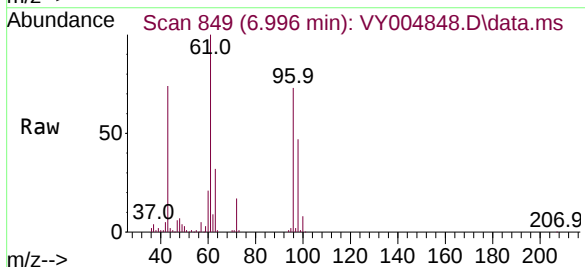
Delta R.T. 0.000 min

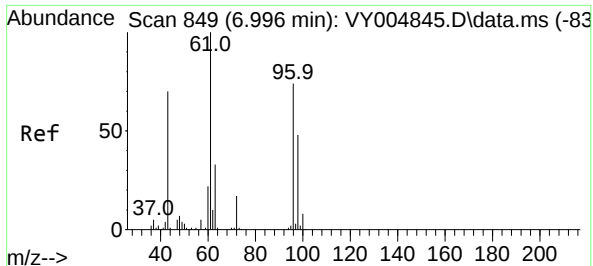
Lab File: VY004848.D

Acq: 19 May 2021 13:06

Tgt Ion: 96 Resp: 115125

Ion	Ratio	Lower	Upper
96	100		
61	136.6	94.8	176.2
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 52.76 ug/L

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY004848.D

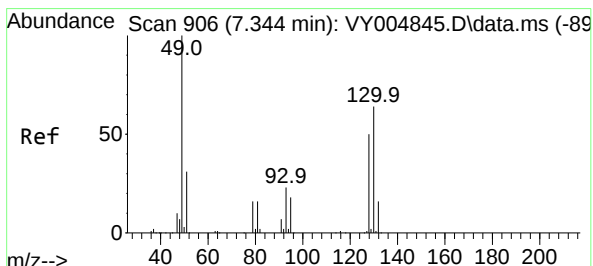
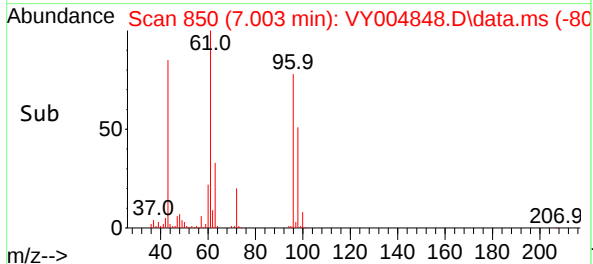
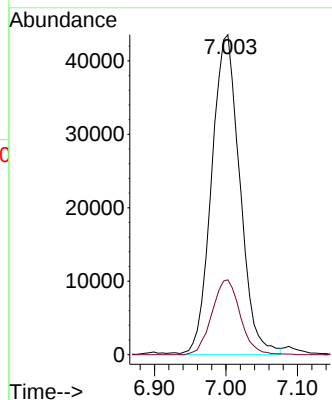
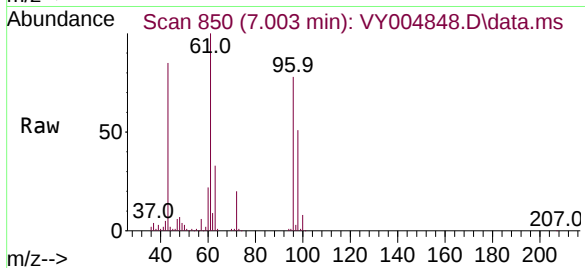
Acq: 19 May 2021 13:06

Tgt Ion: 43 Resp: 119593

Ion Ratio Lower Upper

43 100

72 23.4 12.2 36.6



#23

Bromochloromethane

Concen: 24.09 ug/L

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY004848.D

Acq: 19 May 2021 13:06

Tgt Ion:128 Resp: 53639

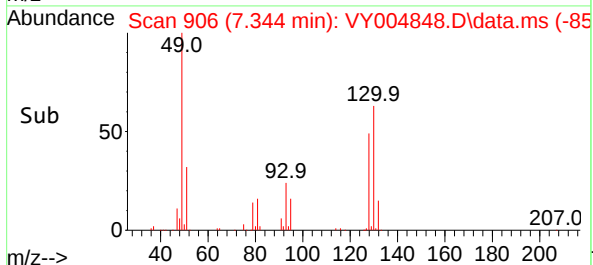
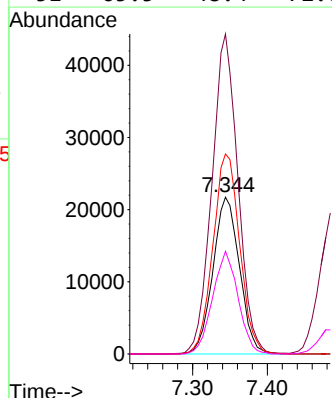
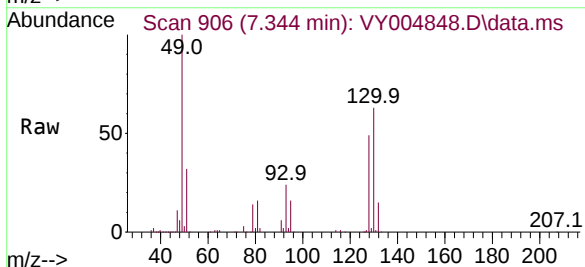
Ion Ratio Lower Upper

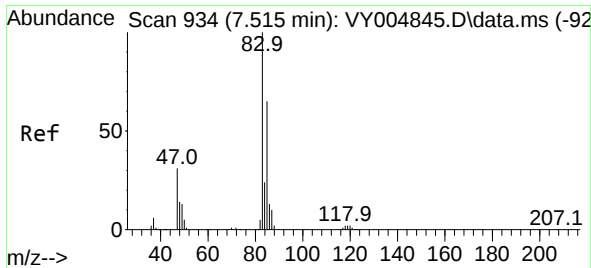
128 100

49 204.0 138.9 258.1

130 127.5 88.3 164.1

51 65.5 48.4 72.6

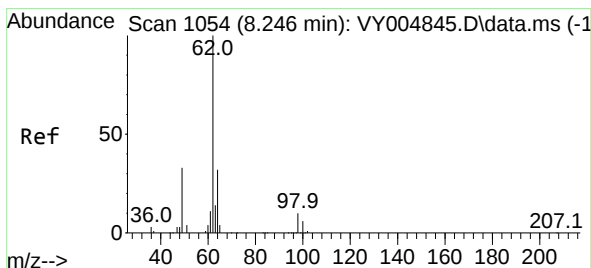
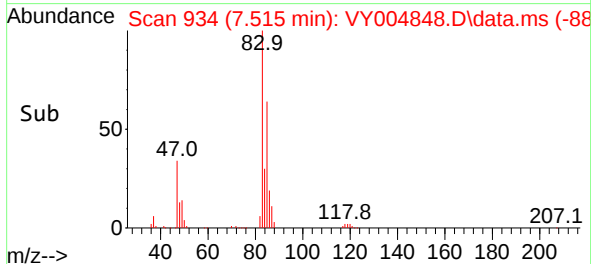
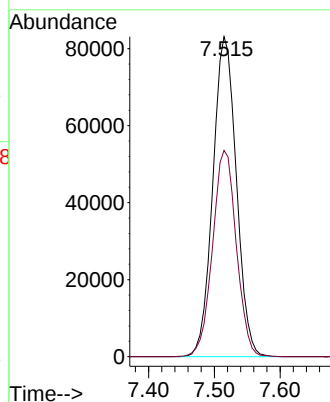
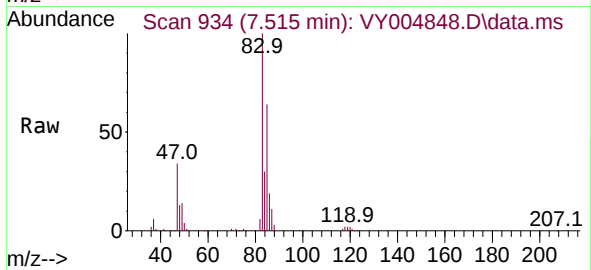




#25
Chloroform
Concen: 24.04 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

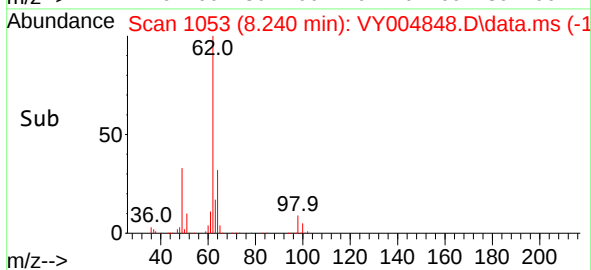
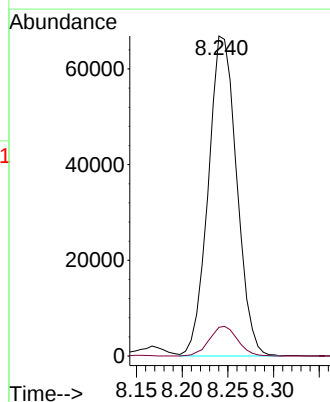
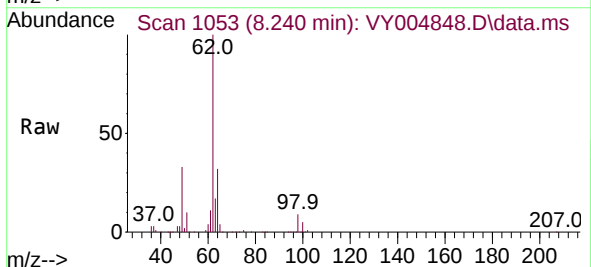
Instrument :
MSVOA_Y
ClientSampled :

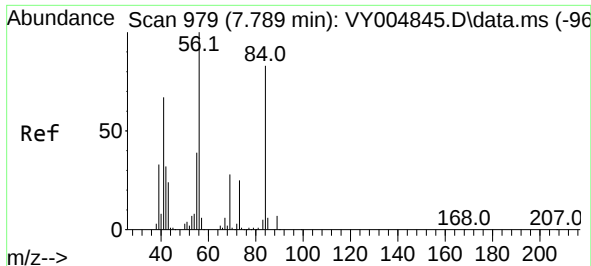
Tgt Ion: 83 Resp: 206326
Ion Ratio Lower Upper
83 100
85 64.4 45.4 84.4



#27
1,2-Dichloroethane
Concen: 24.41 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 62 Resp: 144720
Ion Ratio Lower Upper
62 100
98 9.0 7.5 11.3





#29

Cyclohexane

Concen: 24.46 ug/L

RT: 7.789 min Scan# 979

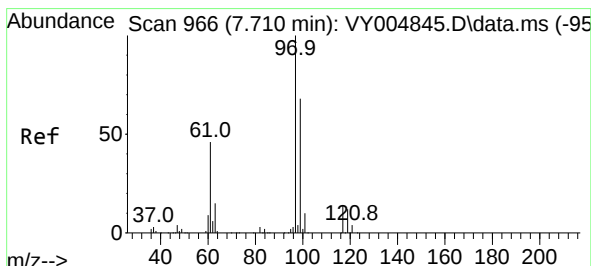
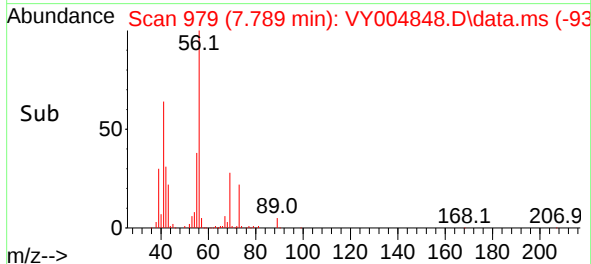
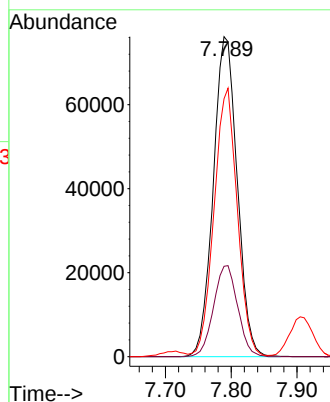
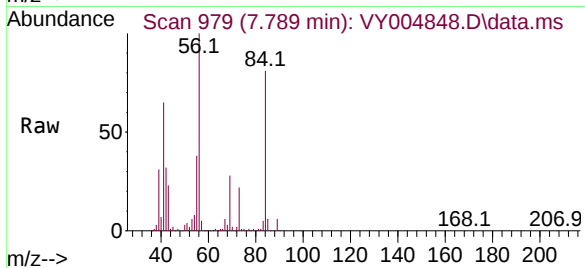
Delta R.T. 0.000 min

Lab File: VY004848.D

Acq: 19 May 2021 13:06

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:	56	Resp:	193415
Ion Ratio	Lower	Upper	
56	100		
69	28.5	22.6	33.8
84	81.5	66.1	99.1



#30

1,1,1-Trichloroethane

Concen: 24.27 ug/L

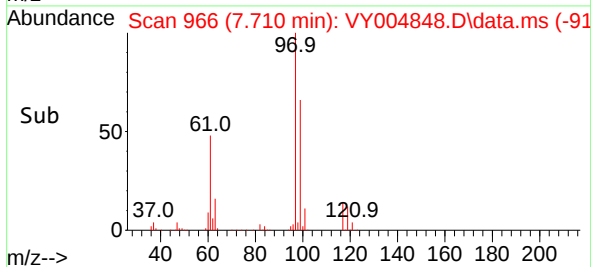
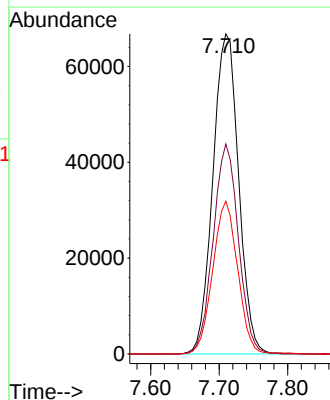
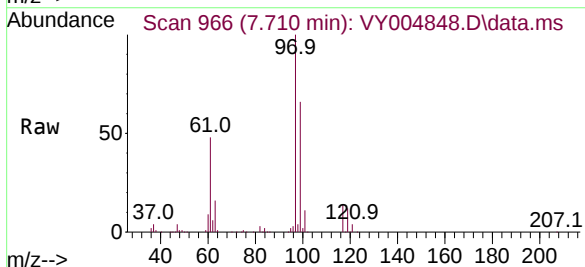
RT: 7.710 min Scan# 966

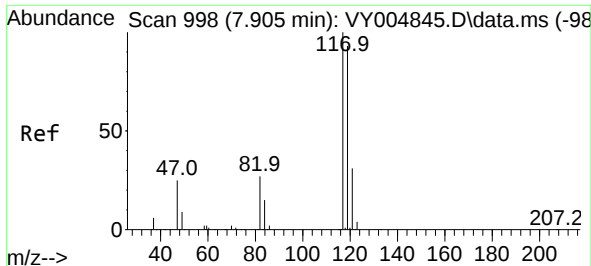
Delta R.T. 0.000 min

Lab File: VY004848.D

Acq: 19 May 2021 13:06

Tgt Ion:	97	Resp:	174298
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.8	77.6
61	46.2	37.3	55.9

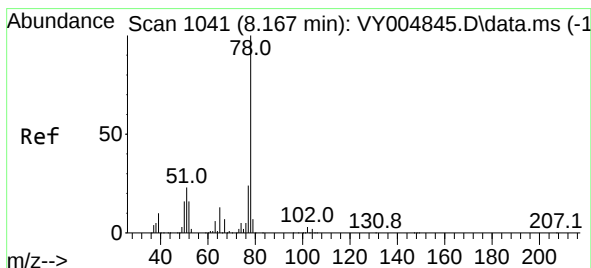
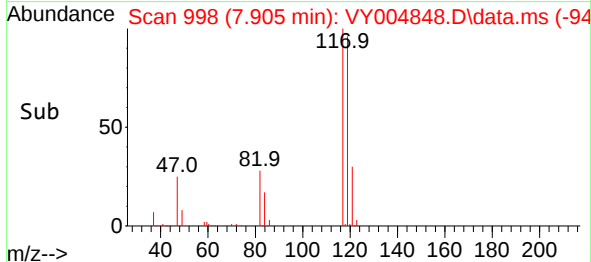
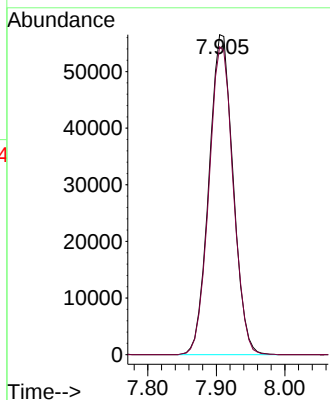
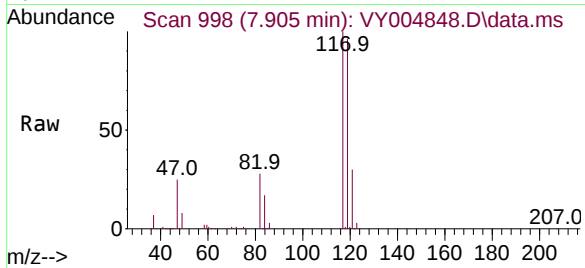




#31
Carbon tetrachloride
Concen: 24.48 ug/L
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

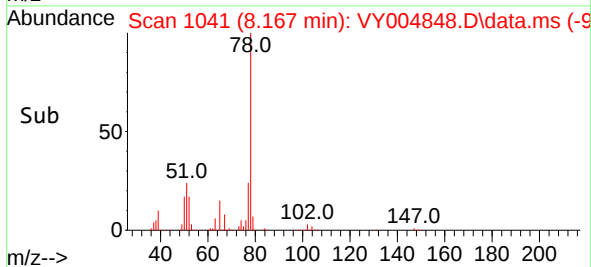
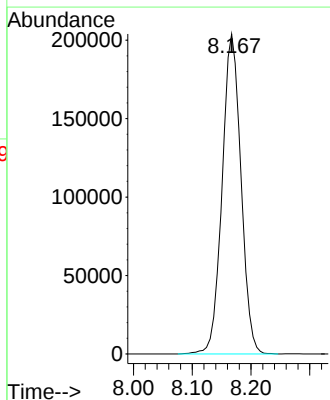
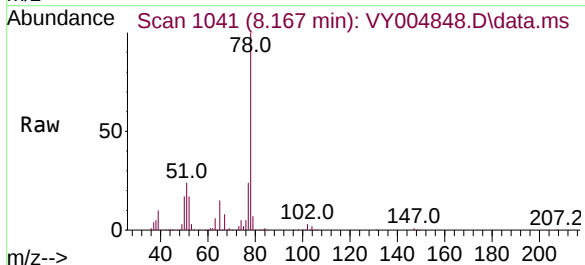
Instrument :
MSVOA_Y
ClientSampled :

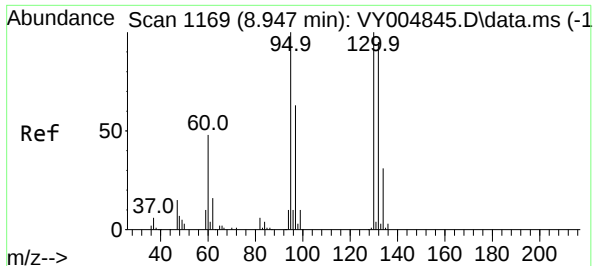
Tgt Ion:117 Resp: 138641
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.2



#33
Benzene
Concen: 24.14 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 78 Resp: 454081

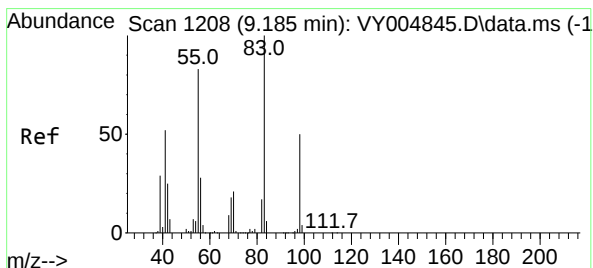
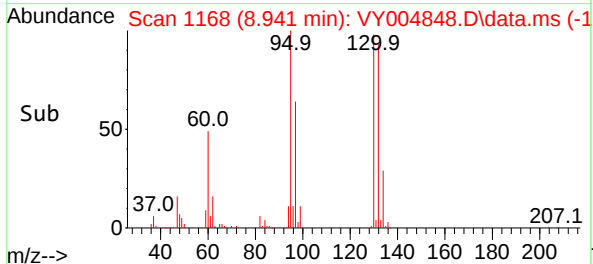
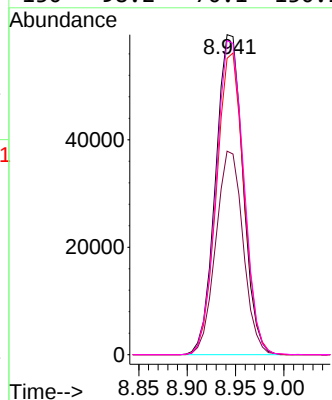
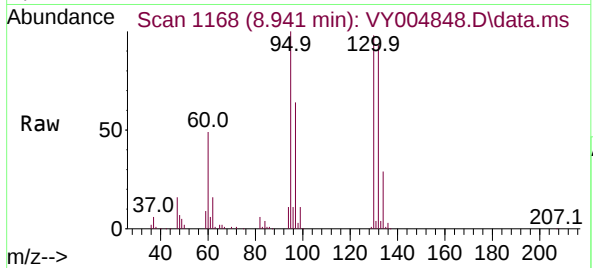




#34
Trichloroethene
Concen: 24.65 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

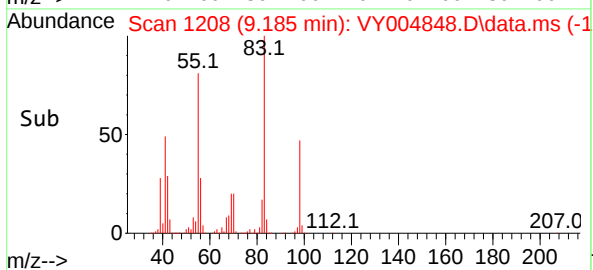
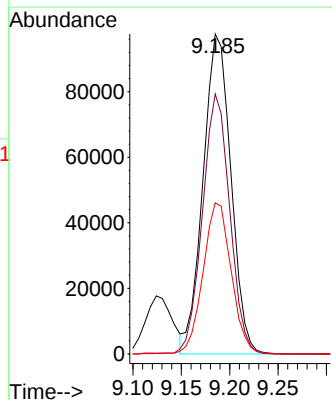
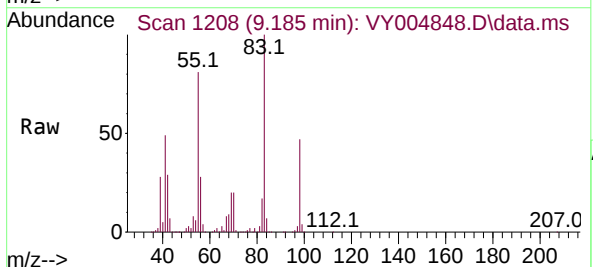
Instrument :
MSVOA_Y
ClientSampled :

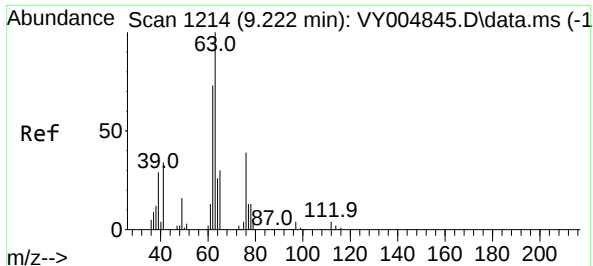
Tgt Ion: 95 Resp: 117200
Ion Ratio Lower Upper
95 100
97 63.6 44.2 82.2
132 92.6 66.8 124.0
130 98.2 70.1 130.1



#35
Methylcyclohexane
Concen: 24.53 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 83 Resp: 196011
Ion Ratio Lower Upper
83 100
55 79.4 63.9 95.9
98 47.5 38.7 58.1





#37

1,2-Dichloropropane

Concen: 24.51 ug/L

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY004848.D

Acq: 19 May 2021 13:06

Tgt Ion: 63 Resp: 123080

Ion Ratio Lower Upper

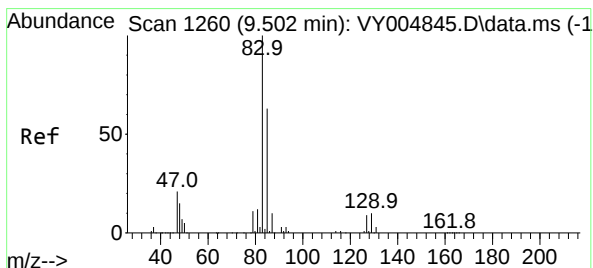
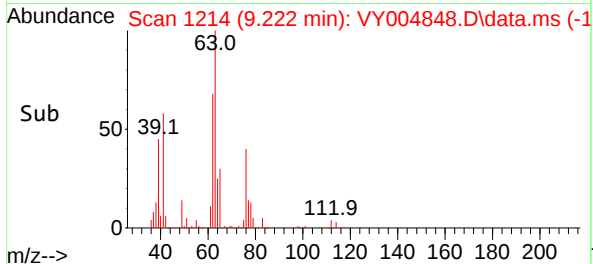
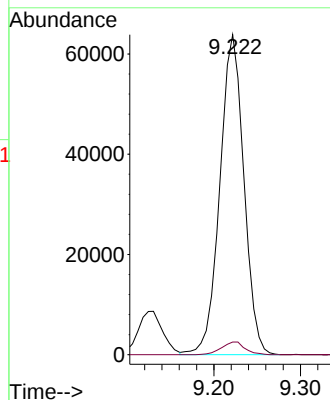
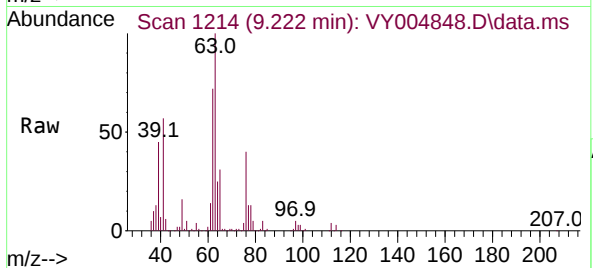
63 100

112 3.9 3.1 4.7

Instrument :

MSVOA_Y

ClientSampled :



#38

Bromodichloromethane

Concen: 24.63 ug/L

RT: 9.502 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VY004848.D

Acq: 19 May 2021 13:06

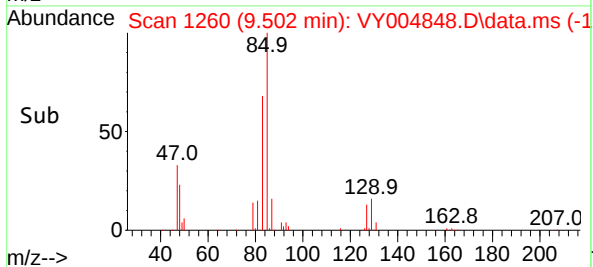
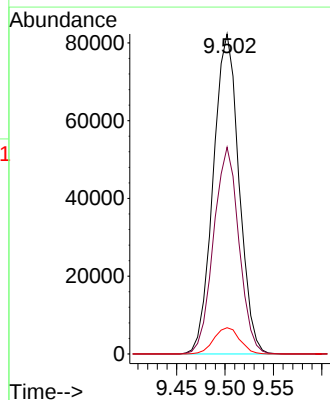
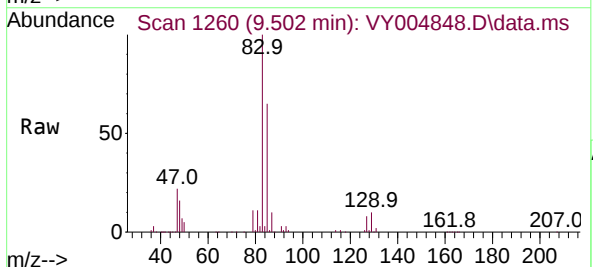
Tgt Ion: 83 Resp: 152391

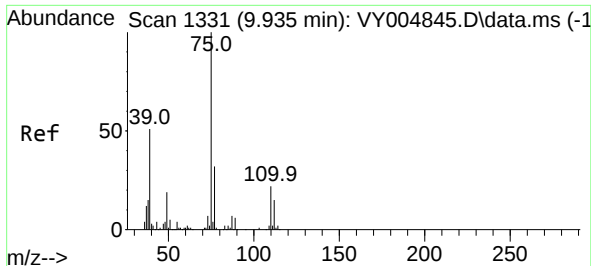
Ion Ratio Lower Upper

83 100

85 64.6 44.1 81.9

127 8.2 6.9 10.3

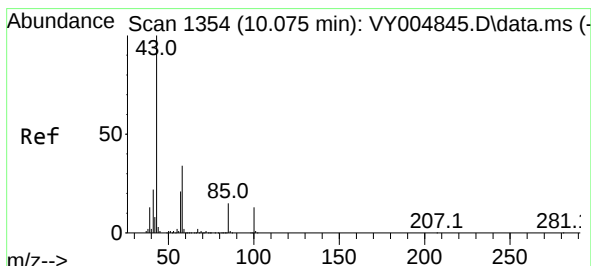
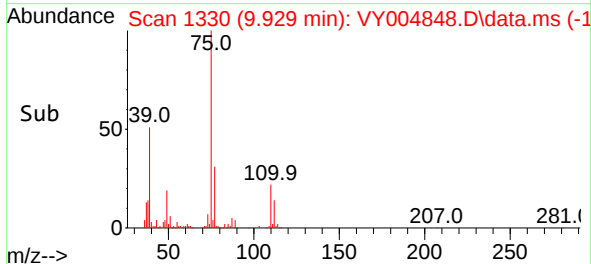
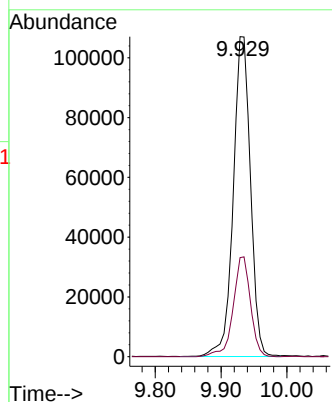
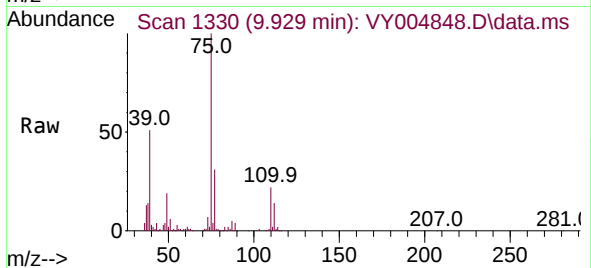




#39
cis-1,3-Dichloropropene
Concen: 25.05 ug/L
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

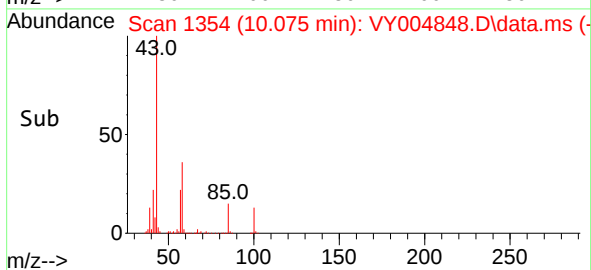
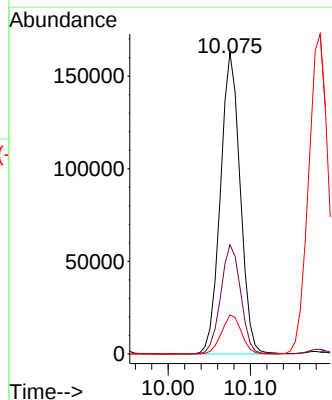
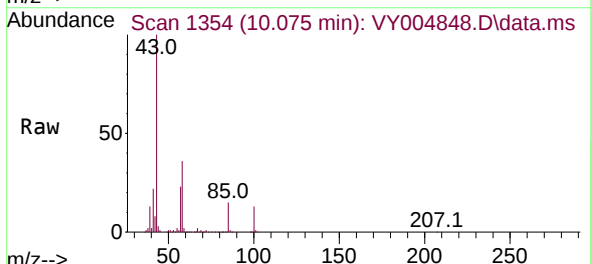
Instrument :
MSVOA_Y
ClientSampled :

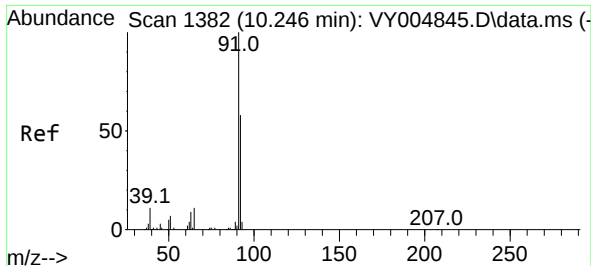
Tgt Ion: 75 Resp: 195169
Ion Ratio Lower Upper
75 100
77 30.9 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 50.87 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 43 Resp: 272220
Ion Ratio Lower Upper
43 100
58 36.5 28.5 42.7
100 13.0 10.4 15.6

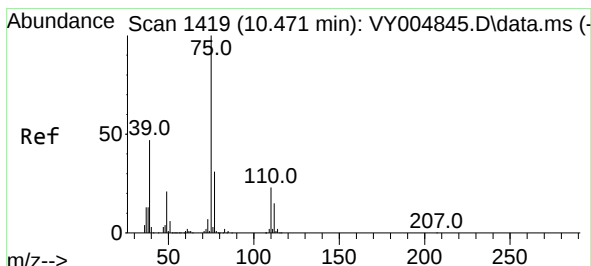
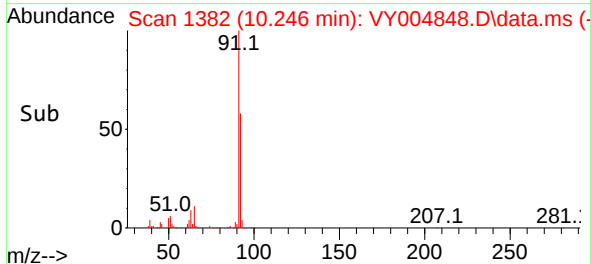
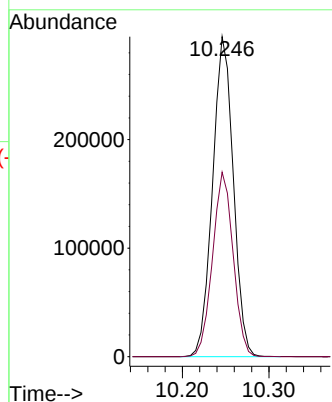
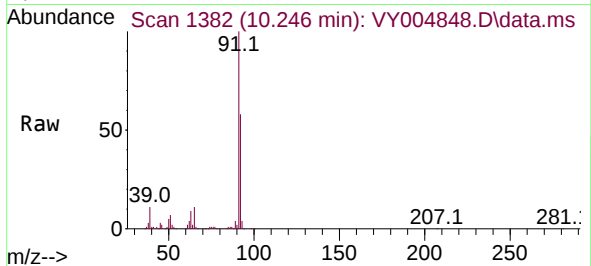




#42
Toluene
Concen: 24.65 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

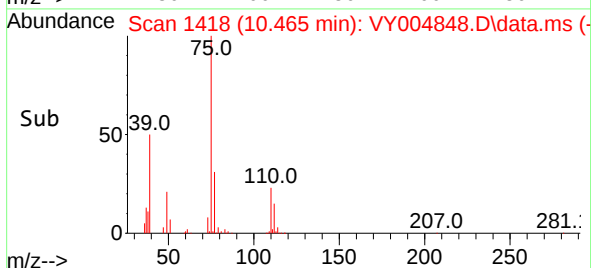
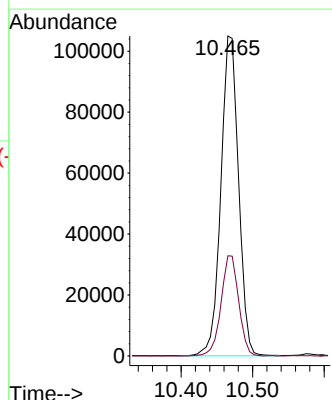
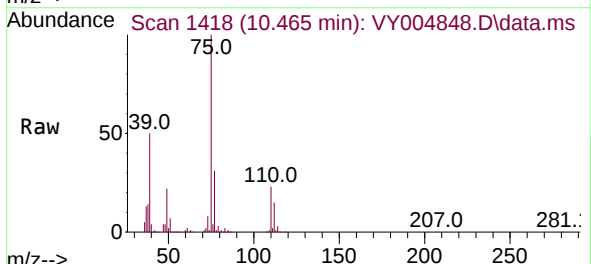
Instrument :
MSVOA_Y
ClientSampled :

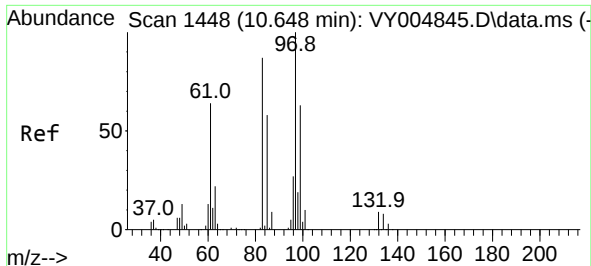
Tgt Ion: 91 Resp: 490261
Ion Ratio Lower Upper
91 100
92 57.6 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 24.90 ug/L
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 75 Resp: 180173
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.4

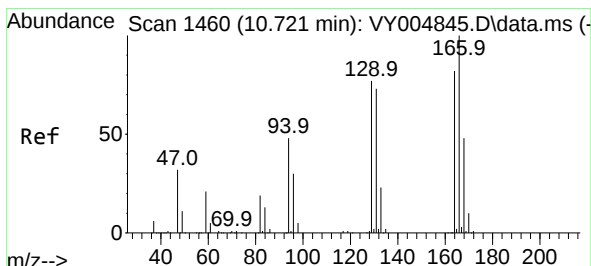
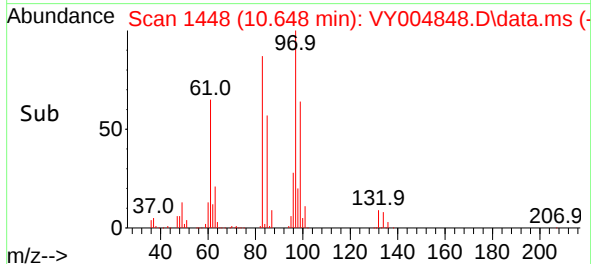
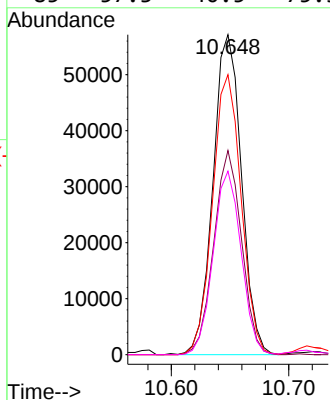
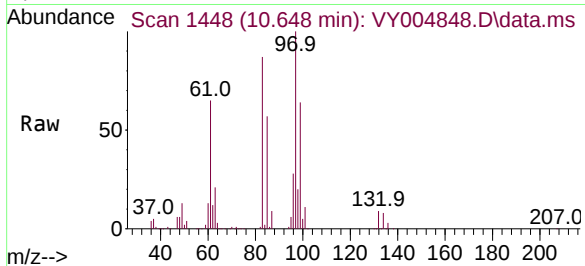




#45
1,1,2-Trichloroethane
Concen: 24.68 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

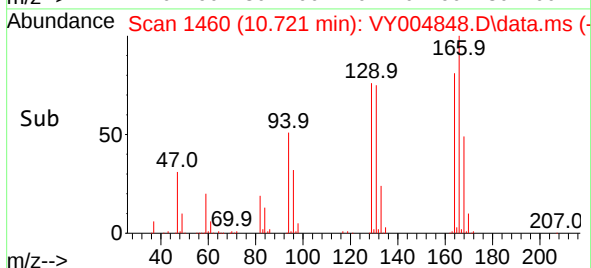
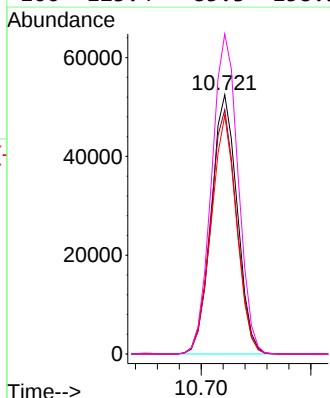
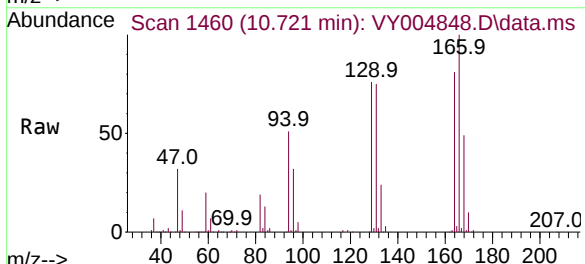
Instrument :
MSVOA_Y
ClientSampled :

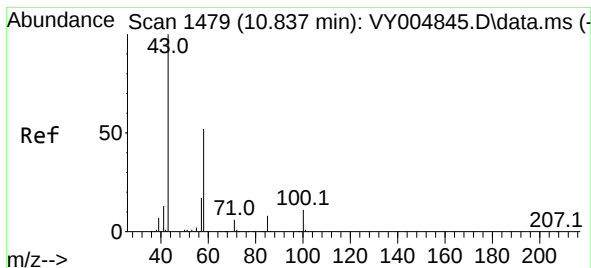
Tgt Ion:	97	Resp:	96227
Ion	Ratio	Lower	Upper
97	100		
99	63.8	44.2	82.0
83	87.5	61.1	113.5
85	57.3	40.5	75.3



#46
Tetrachloroethene
Concen: 23.96 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:	164	Resp:	85840
Ion	Ratio	Lower	Upper
164	100		
129	94.1	65.9	122.3
131	92.0	61.9	115.1
166	123.4	85.3	158.3



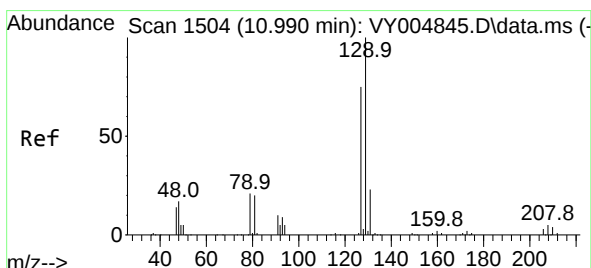
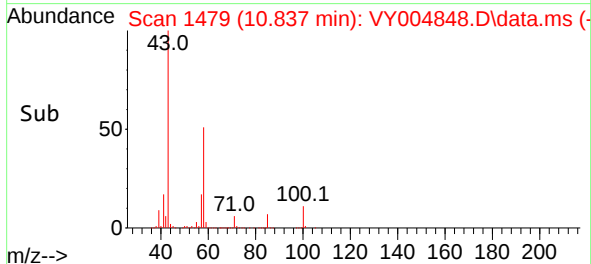
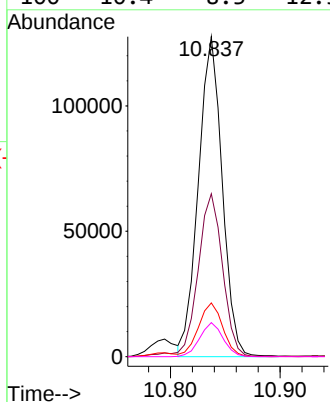
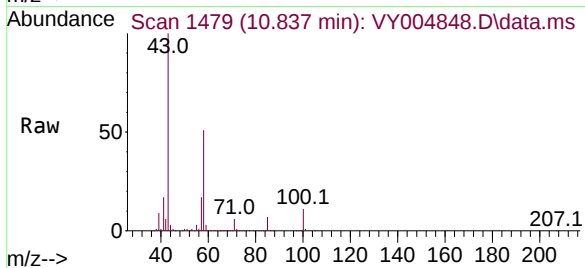


#48
2-Hexanone
Concen: 53.40 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 43 Resp: 192874

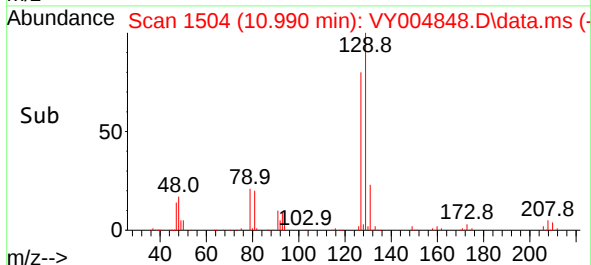
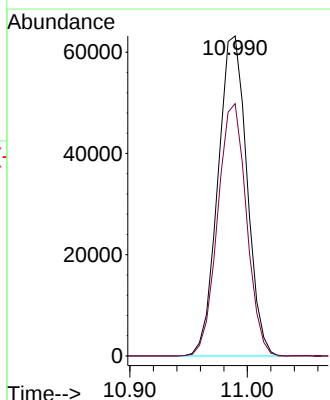
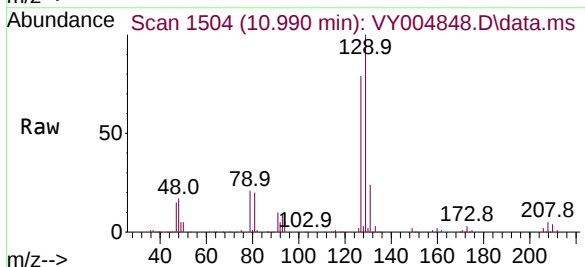
Ion	Ratio	Lower	Upper
43	100		
58	51.7	41.1	61.7
57	17.1	13.8	20.6
100	10.4	8.3	12.5

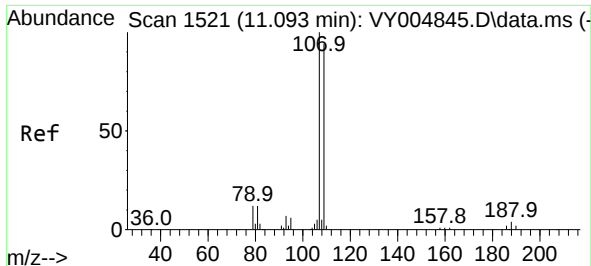


#49
Dibromochloromethane
Concen: 24.68 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 129 Resp: 108477

Ion	Ratio	Lower	Upper
129	100		
127	78.8	52.8	98.0

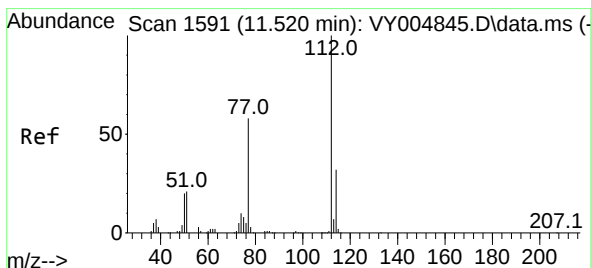
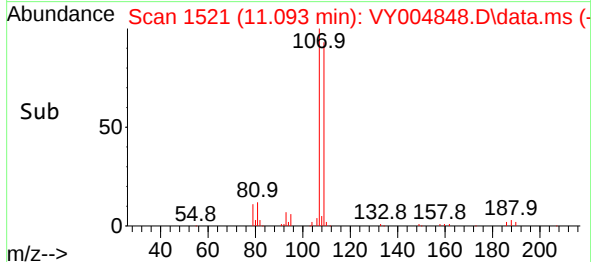
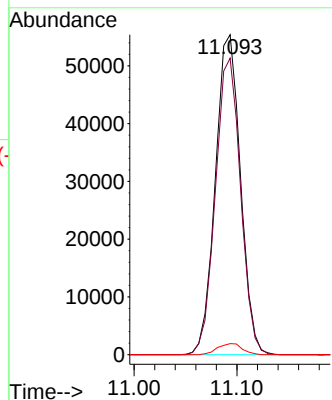
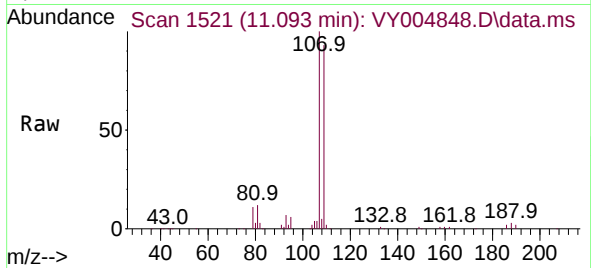




#50
1,2-Dibromoethane
Concen: 24.93 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

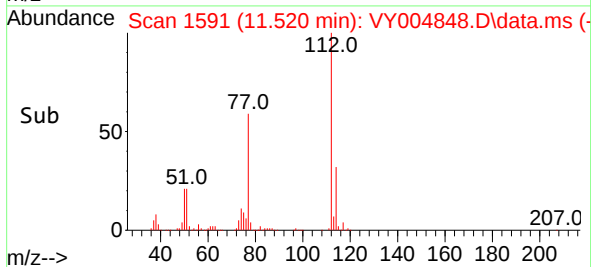
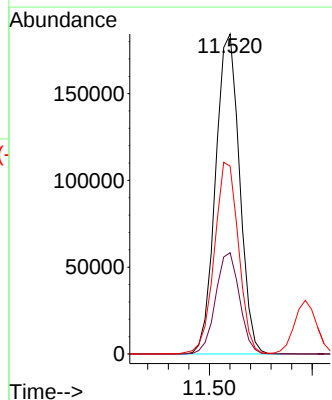
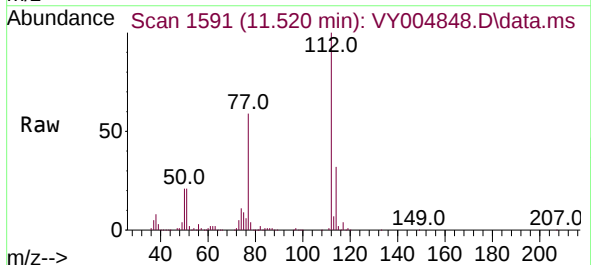
Instrument :
MSVOA_Y
ClientSampled :

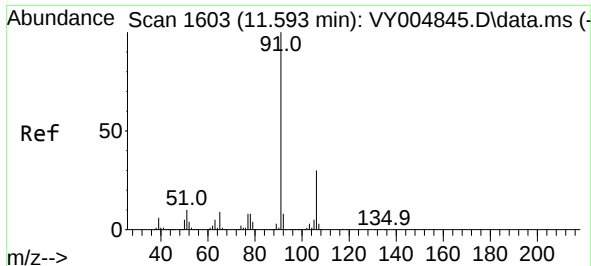
Tgt Ion:	107	Resp:	93987
Ion Ratio	Lower	Upper	
107	100		
109	92.6	65.7	121.9
188	3.4	2.8	4.2



#51
Chlorobenzene
Concen: 24.24 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:	112	Resp:	298266
Ion Ratio	Lower	Upper	
112	100		
114	31.7	22.3	41.5
77	58.7	46.5	69.7

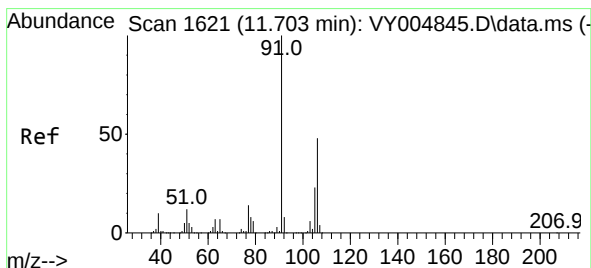
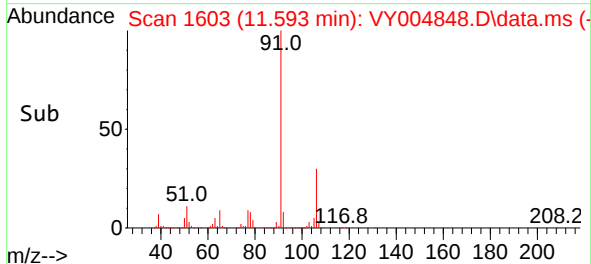
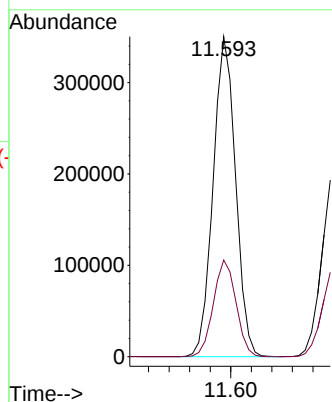
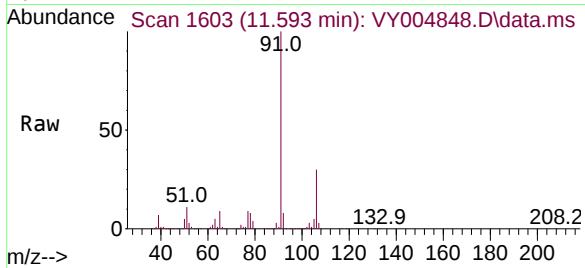




#52
Ethylbenzene
Concen: 24.75 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

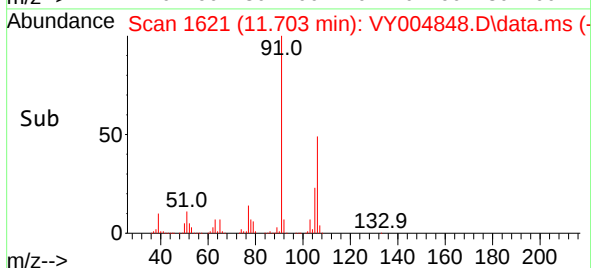
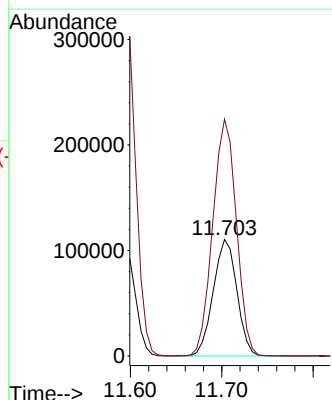
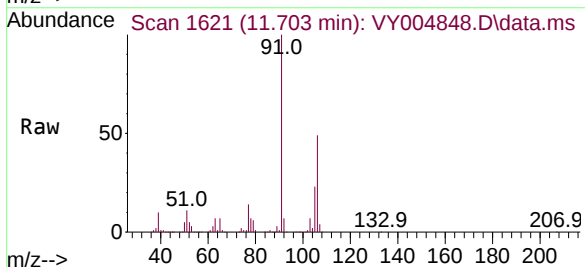
Instrument :
MSVOA_Y
ClientSampled :

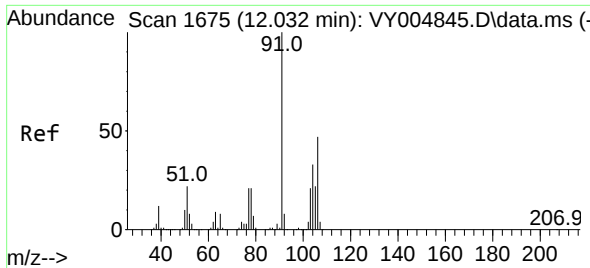
Tgt Ion: 91 Resp: 531040
Ion Ratio Lower Upper
91 100
106 30.2 21.2 39.4



#53
m,p-Xylene
Concen: 24.86 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:106 Resp: 197694
Ion Ratio Lower Upper
106 100
91 203.4 145.7 270.5

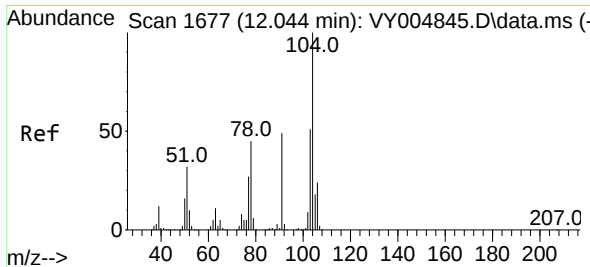
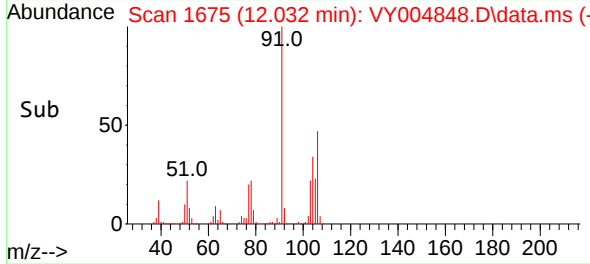
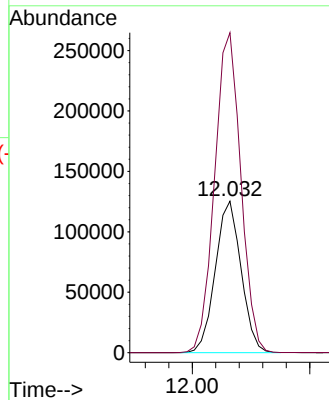
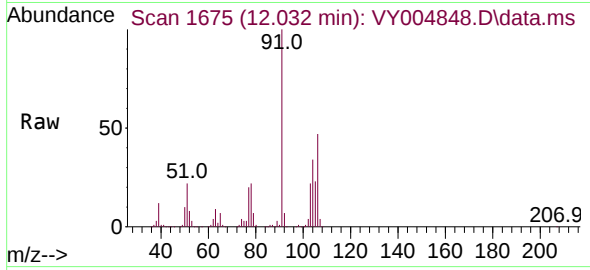




#54
o-Xylene
Concen: 25.21 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

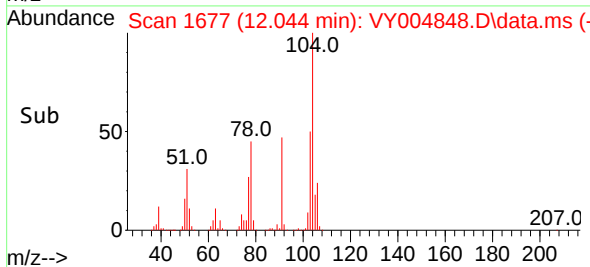
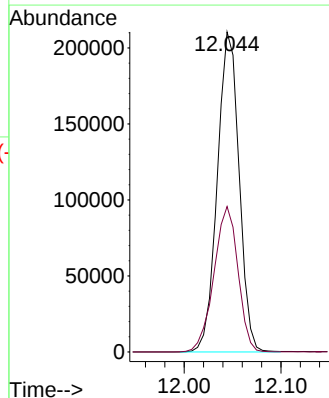
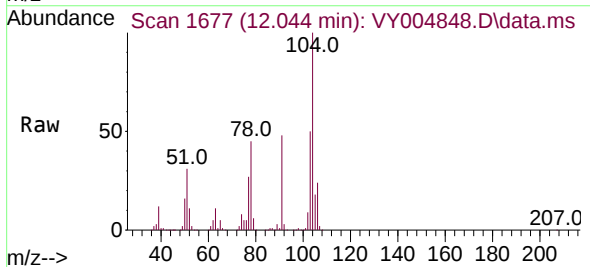
Instrument :
MSVOA_Y
ClientSampled :

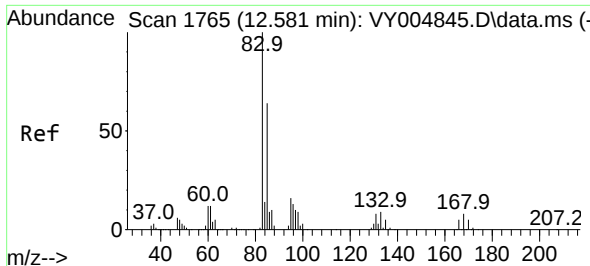
Tgt Ion:106 Resp: 191153
Ion Ratio Lower Upper
106 100
91 211.3 150.6 279.6



#55
Styrene
Concen: 25.19 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:104 Resp: 329040
Ion Ratio Lower Upper
104 100
78 45.5 31.8 59.0

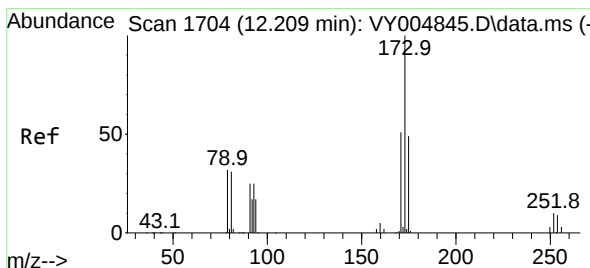
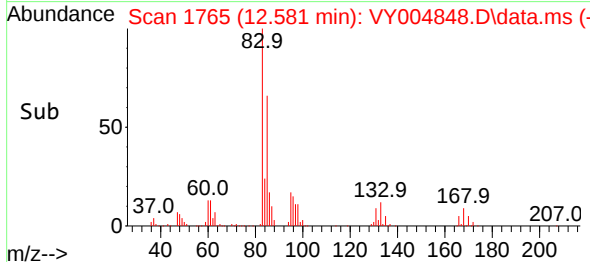
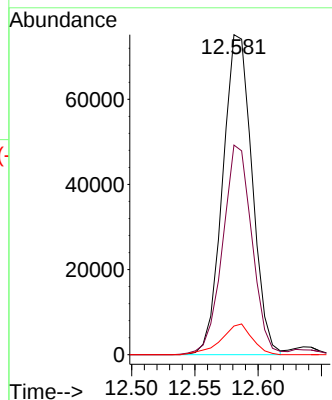
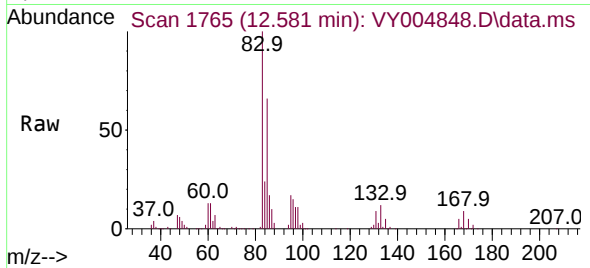




#57
1,1,2,2-Tetrachloroethane
Concen: 25.50 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

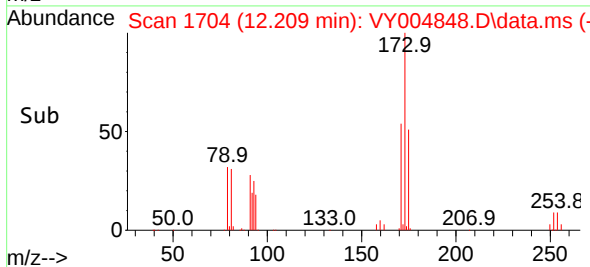
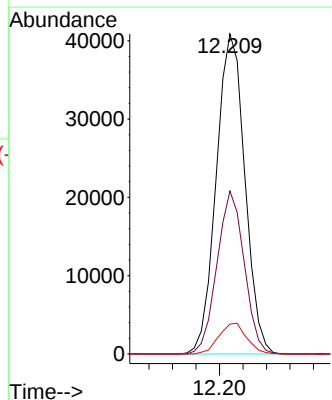
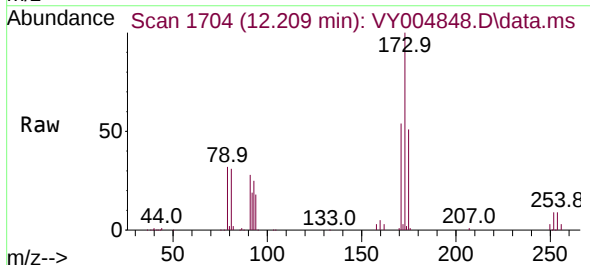
Instrument :
MSVOA_Y
ClientSampled :

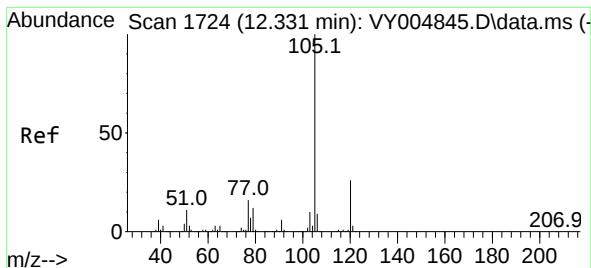
Tgt Ion: 83 Resp: 121379
Ion Ratio Lower Upper
83 100
85 65.5 45.0 83.6
131 8.9 6.9 10.3



#59
Bromoform
Concen: 24.78 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 173 Resp: 69039
Ion Ratio Lower Upper
173 100
175 48.5 38.8 58.2
254 9.4 7.3 10.9

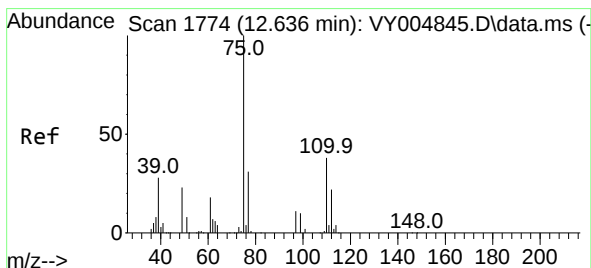
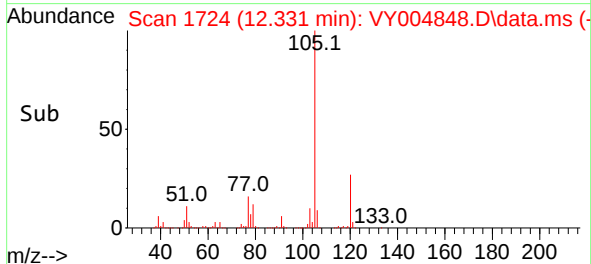
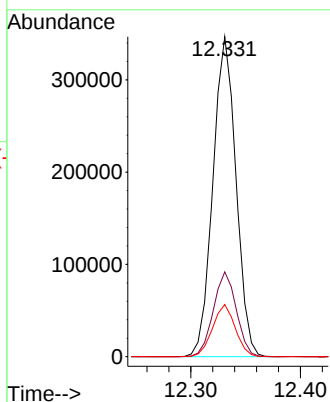
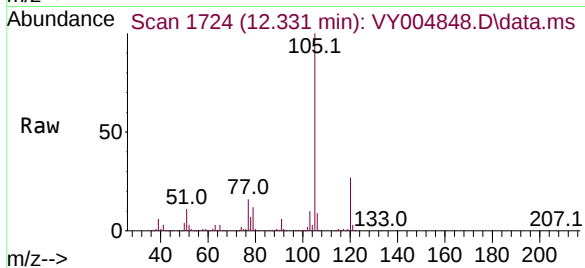




#60
Isopropylbenzene
Concen: 24.71 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

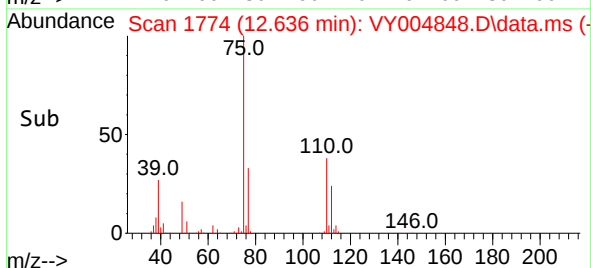
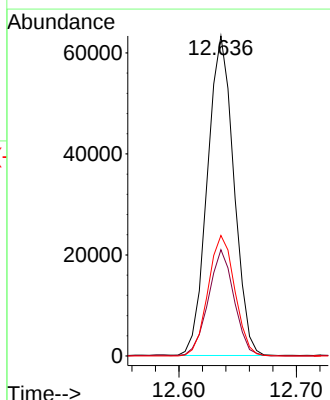
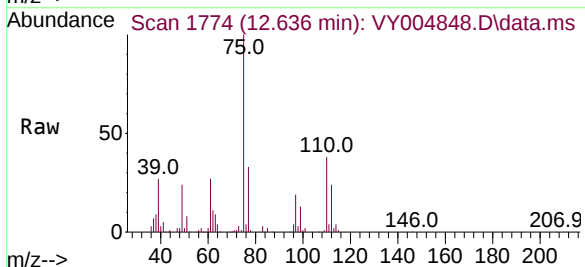
Instrument :
MSVOA_Y
ClientSampled :

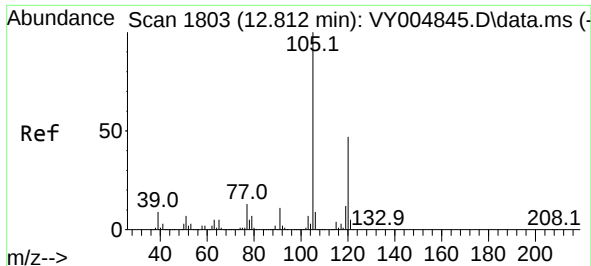
Tgt Ion:105 Resp: 507667
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 24.91 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 75 Resp: 99014
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 38.0 30.8 46.2

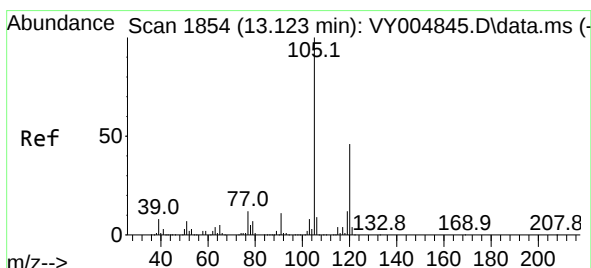
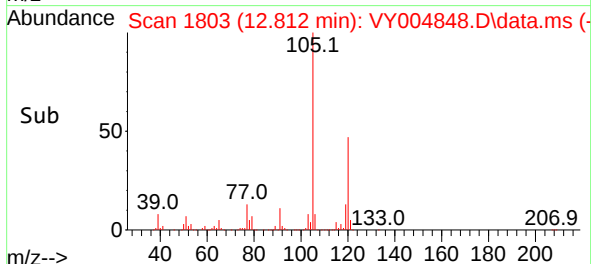
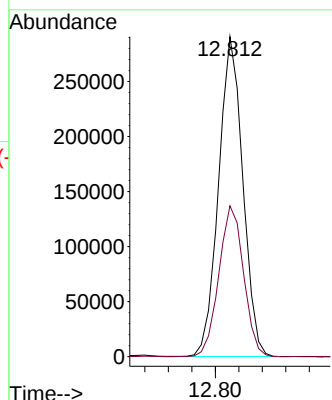
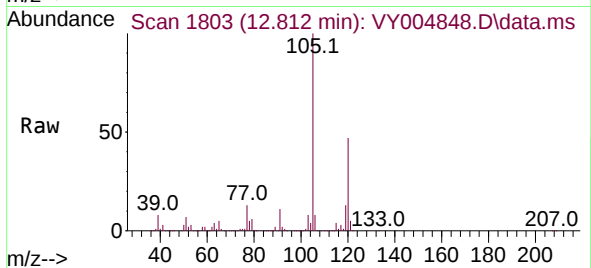




#62
1,3,5-Trimethylbenzene
Concen: 25.19 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

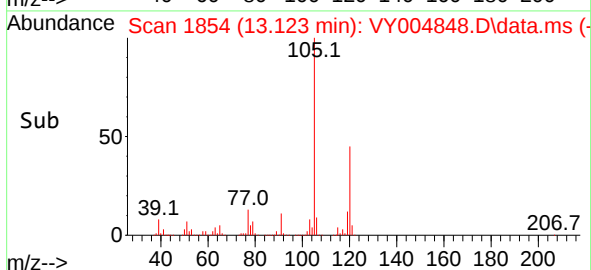
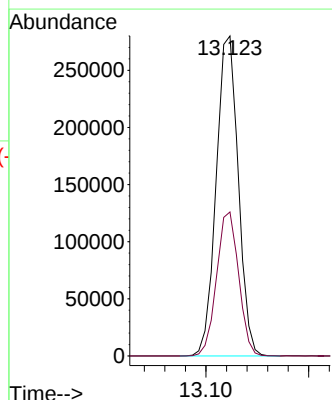
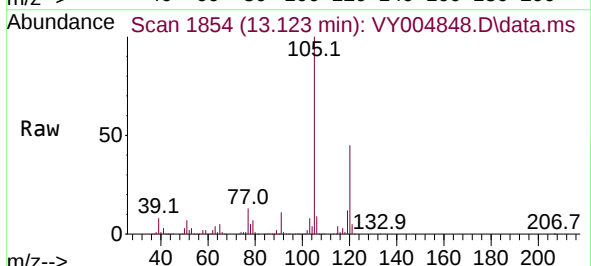
Instrument :
MSVOA_Y
ClientSampled :

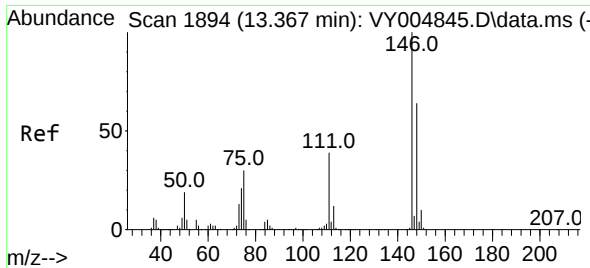
Tgt Ion:105 Resp: 416032
Ion Ratio Lower Upper
105 100
120 48.1 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 25.29 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:105 Resp: 416986
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.4

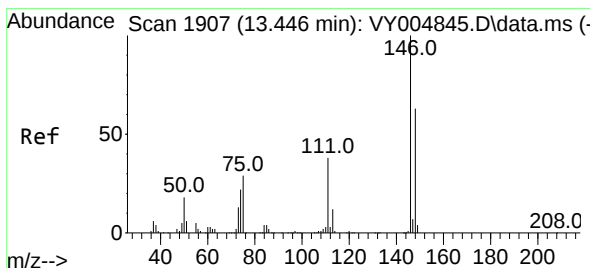
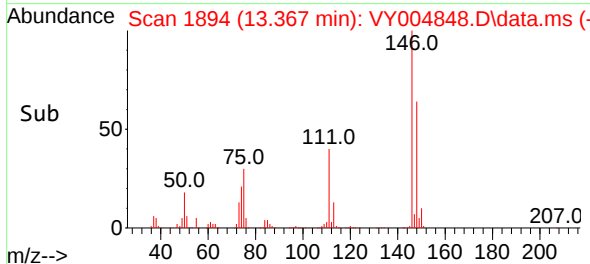
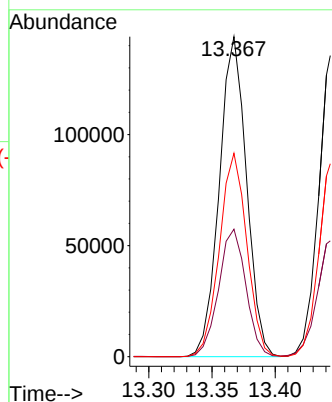
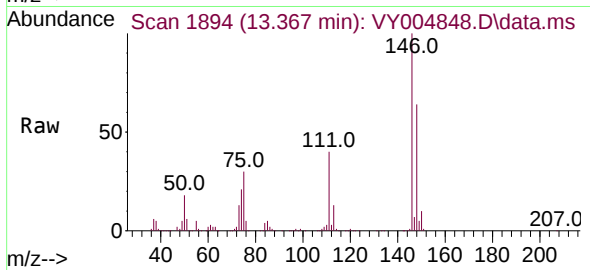




#64
1,3-Dichlorobenzene
Concen: 24.59 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

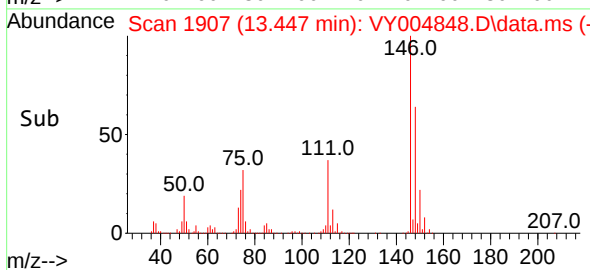
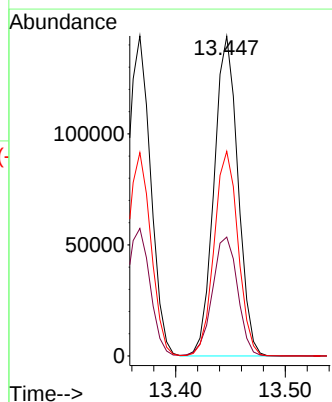
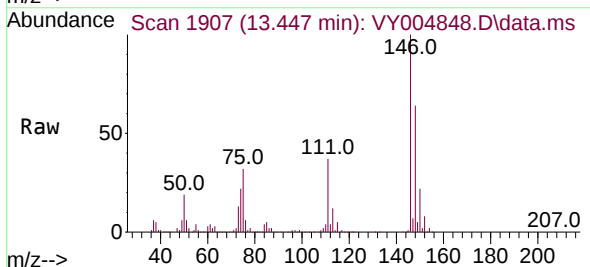
Instrument :
MSVOA_Y
ClientSampled :

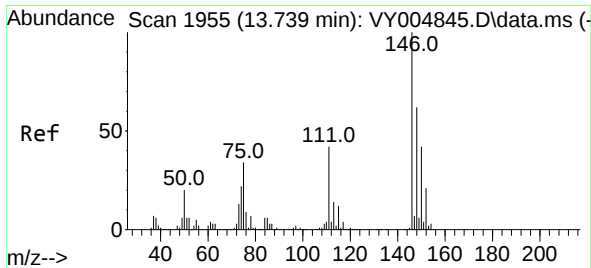
Tgt Ion:146 Resp: 215232
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 63.5 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 24.63 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:146 Resp: 218282
Ion Ratio Lower Upper
146 100
111 37.2 26.4 49.0
148 64.0 44.3 82.3

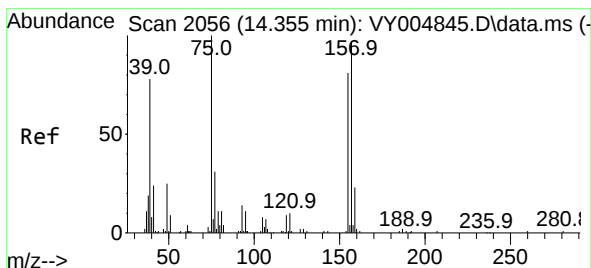
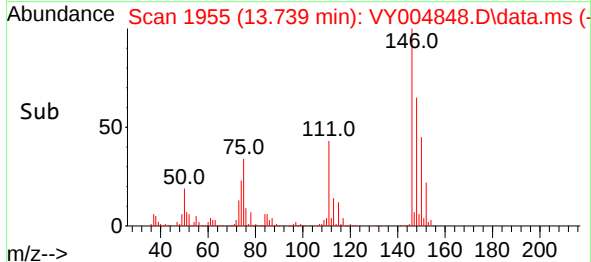
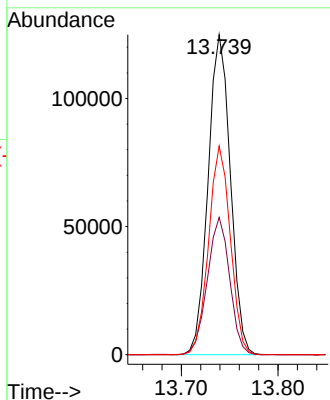
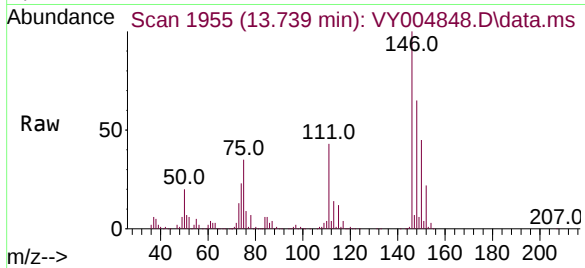




#67
1,2-Dichlorobenzene
Concen: 24.61 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

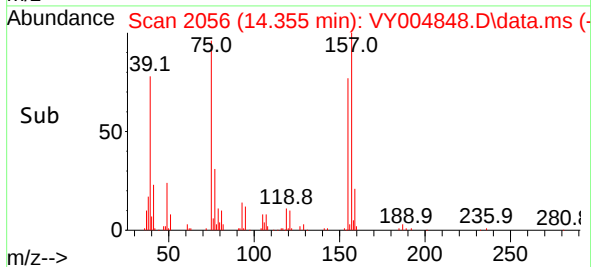
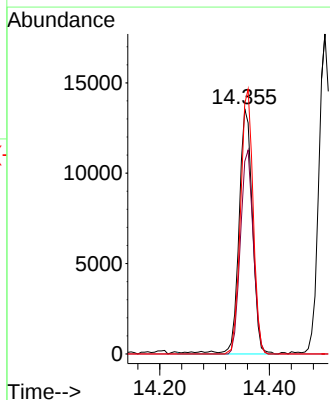
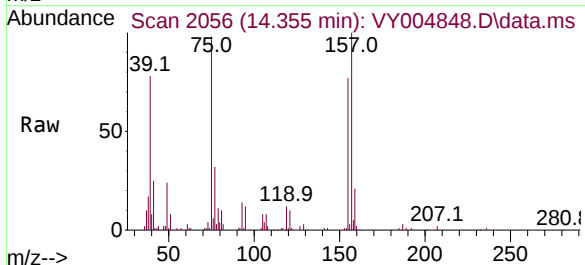
Instrument :
MSVOA_Y
ClientSampled :

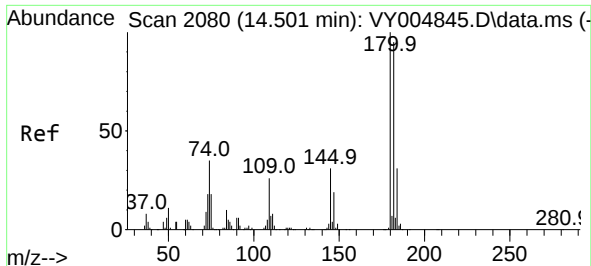
Tgt Ion:146 Resp: 199692
Ion Ratio Lower Upper
146 100
111 42.9 33.9 50.9
148 65.2 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 25.41 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion: 75 Resp: 22975
Ion Ratio Lower Upper
75 100
155 78.6 64.5 96.7
157 102.2 77.4 116.2

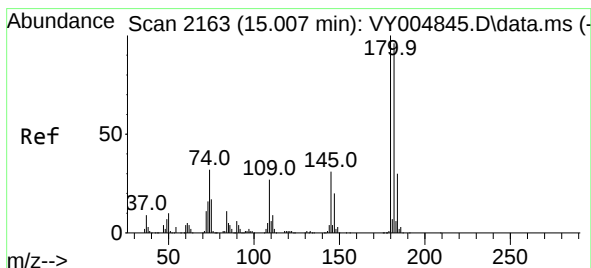
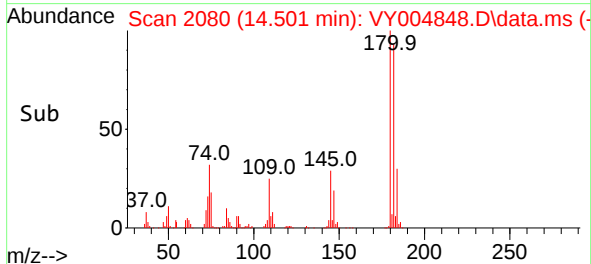
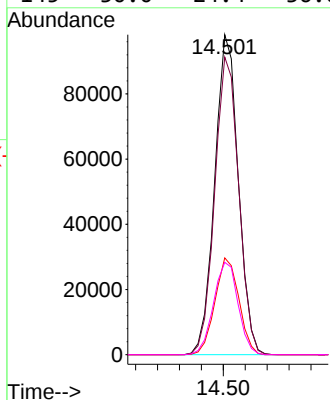
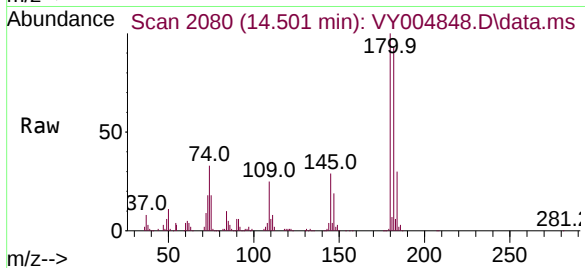




#69
1,3,5-Trichlorobenzene
Concen: 24.94 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

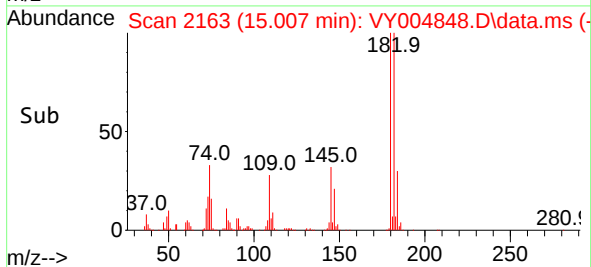
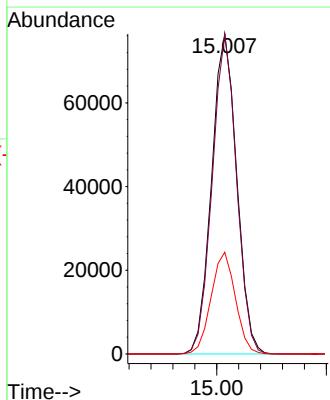
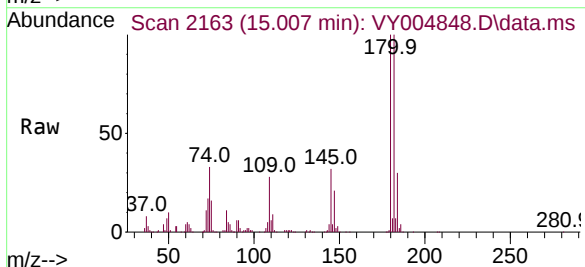
Instrument :
MSVOA_Y
ClientSampled :

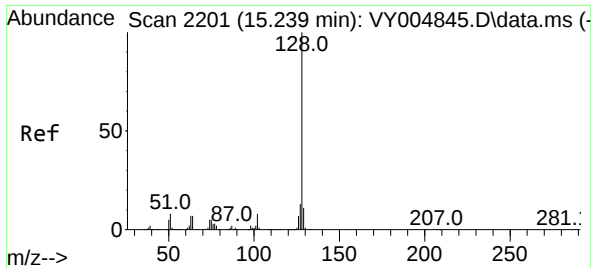
Tgt Ion:	180	Resp:	146864
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.1	114.1
184	30.7	24.6	36.8
145	30.0	24.4	36.6



#70
1,2,4-trichlorobenzene
Concen: 24.69 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:	180	Resp:	121667
Ion Ratio	Lower	Upper	
180	100		
182	96.5	76.4	114.6
145	30.8	25.0	37.6

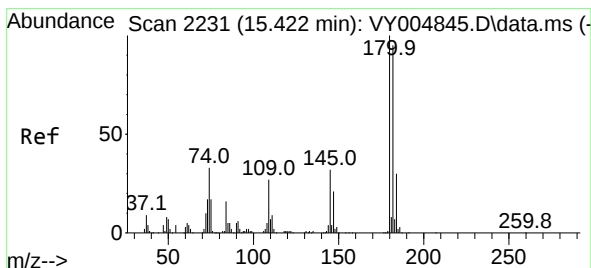
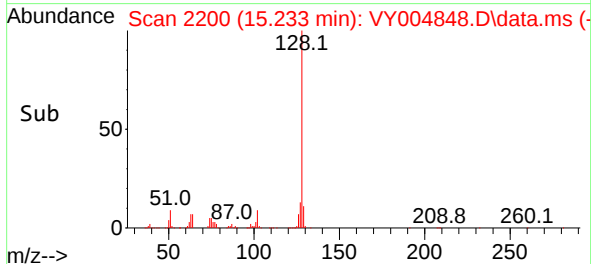
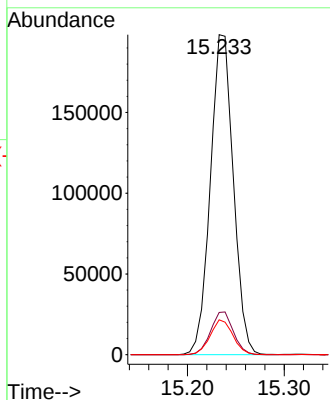
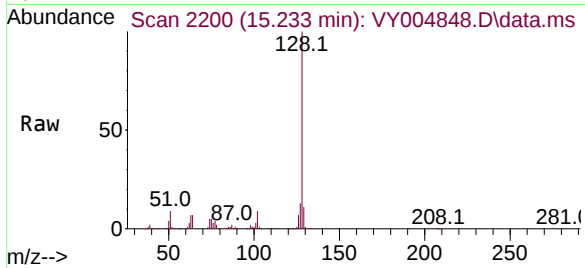




#71
Naphthalene
Concen: 26.36 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:128 Resp: 327318
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.9 13.3



#72
1,2,3-Trichlorobenzene
Concen: 25.26 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004848.D
Acq: 19 May 2021 13:06

Tgt Ion:180 Resp: 113047
Ion Ratio Lower Upper
180 100
182 94.3 76.2 114.2
145 32.4 25.8 38.8

