

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020821\
 Data File : VY003994.D
 Acq On : 08 Feb 2021 13:11
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025511

Quant Time: Feb 09 02:50:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM012621SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 02:48:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	208372	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	198060	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	112980	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	90592	21.56	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.24%		
7) Chloroethane-d5	2.772	69	72025	22.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.80%		
11) 1,1-Dichloroethene-d2	3.869	63	156254	23.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	93.04%		
21) 2-Butanone-d5	6.905	46	60521	45.62	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.24%		
24) Chloroform-d	7.490	84	135445	21.99	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.96%		
26) 1,2-Dichloroethane-d4	8.149	65	90030	24.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.60%		
32) Benzene-d6	8.118	84	264421	22.04	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.16%		
36) 1,2-Dichloropropane-d6	9.130	67	78207	21.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	84.36%		
41) Toluene-d8	10.185	98	250166	21.88	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.52%		
43) trans-1,3-Dichloroprop...	10.441	79	43490	22.74	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.96%		
47) 2-Hexanone-d5	10.794	63	45800	46.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.30%		
56) 1,1,2,2-Tetrachloroeth...	12.562	84	71997	20.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.92%		
66) 1,2-Dichlorobenzene-d4	13.727	152	92079	21.15	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.60%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	92966	23.02	ug/L	97
3) Chloromethane	2.119	50	107154	23.48	ug/L	98
5) Vinyl chloride	2.259	62	114943	26.07	ug/L	98
6) Bromomethane	2.662	94	71316	27.28	ug/L	97
8) Chloroethane	2.802	64	70629	25.54	ug/L	98
9) Trichlorofluoromethane	3.137	101	148682	27.64	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	78126	25.60	ug/L	100
12) 1,1-Dichloroethene	3.887	96	75770	25.72	ug/L	80
13) Acetone	3.960	43	50395	49.88	ug/L	96
14) Carbon disulfide	4.210	76	265862	26.26	ug/L	100
15) Methyl Acetate	4.491	43	58783	24.89	ug/L	98
16) Methylene chloride	4.735	84	83480	22.81	ug/L	94
17) trans-1,2-Dichloroethene	5.235	96	82441	26.57	ug/L	91
18) Methyl tert-butyl Ether	5.241	73	230501	26.32	ug/L #	94
19) 1,1-Dichloroethane	6.033	63	146469	25.41	ug/L	99
20) cis-1,2-Dichloroethene	6.996	96	85705	26.32	ug/L	94
22) 2-Butanone	6.996	43	79027	51.47	ug/L	95
23) Bromochloromethane	7.350	128	40343	25.82	ug/L	99
25) Chloroform	7.515	83	150581	25.90	ug/L	97
27) 1,2-Dichloroethane	8.246	62	119077	27.36	ug/L #	95

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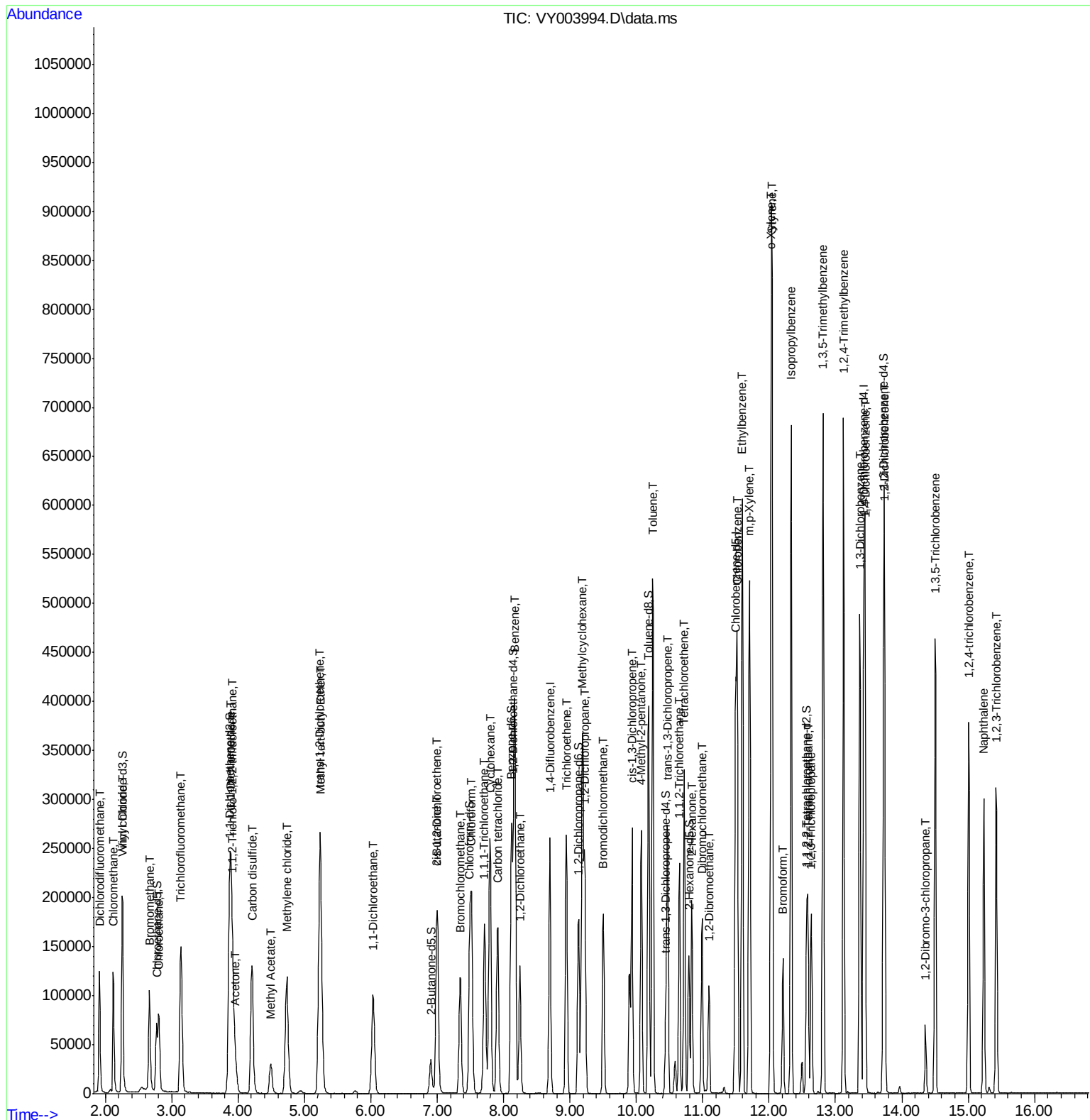
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.795	56	144682	25.86	ug/L	98
30) 1,1,1-Trichloroethane	7.710	97	141482	26.73	ug/L	98
31) Carbon tetrachloride	7.911	117	126614	26.74	ug/L	98
33) Benzene	8.167	78	333642	26.28	ug/L	100
34) Trichloroethene	8.947	95	84791	25.10	ug/L	95
35) Methylcyclohexane	9.185	83	148940	26.50	ug/L	94
37) 1,2-Dichloropropane	9.222	63	81813	24.10	ug/L	100
38) Bromodichloromethane	9.502	83	114324	25.58	ug/L	94
39) cis-1,3-Dichloropropene	9.935	75	144828	27.21	ug/L	95
40) 4-Methyl-2-pentanone	10.075	43	167103	50.50	ug/L	99
42) Toluene	10.246	91	364291	26.31	ug/L	98
44) trans-1,3-Dichloropropene	10.465	75	137131	27.68	ug/L	95
45) 1,1,2-Trichloroethane	10.648	97	66085	25.65	ug/L	97
46) Tetrachloroethene	10.721	164	71785	25.72	ug/L	98
48) 2-Hexanone	10.837	43	123202	51.92	ug/L	96
49) Dibromochloromethane	10.990	129	81911	25.64	ug/L	98
50) 1,2-Dibromoethane	11.093	107	64901	25.67	ug/L	97
51) Chlorobenzene	11.520	112	223058	25.68	ug/L	93
52) Ethylbenzene	11.593	91	406536	26.27	ug/L	97
53) m,p-Xylene	11.703	106	152930	26.43	ug/L	90
54) o-Xylene	12.032	106	147690	26.68	ug/L	94
55) Styrene	12.044	104	257993	26.85	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.587	83	79163	23.83	ug/L	100
59) Bromoform	12.209	173	57863	24.54	ug/L #	97
60) Isopropylbenzene	12.331	105	409216	25.35	ug/L	98
61) 1,2,3-Trichloropropane	12.636	75	67923	23.83	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	340436	24.83	ug/L	97
63) 1,2,4-Trimethylbenzene	13.123	105	353863	26.21	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	193839	25.98	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	187787	25.15	ug/L	98
67) 1,2-Dichlorobenzene	13.739	146	170900	24.64	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.355	75	17139	24.63	ug/L #	77
69) 1,3,5-Trichlorobenzene	14.501	180	139729	25.69	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	115998	25.72	ug/L	100
71) Naphthalene	15.233	128	242572	25.73	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	102198	26.06	ug/L	99

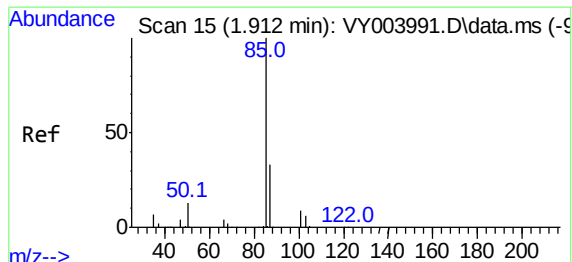
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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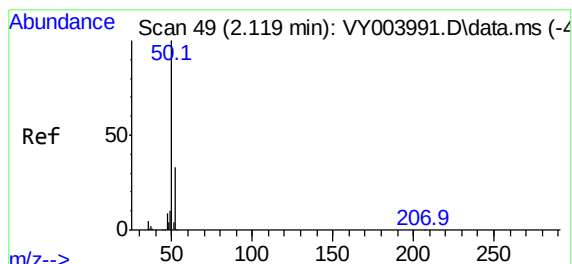
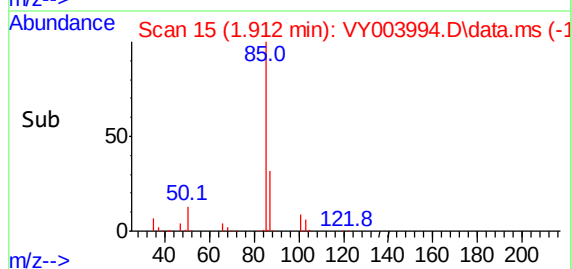
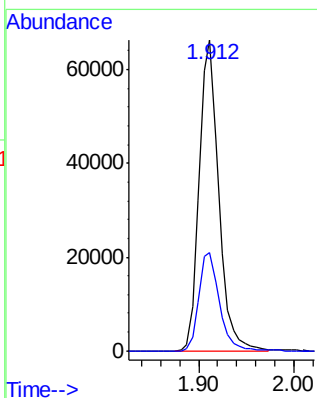
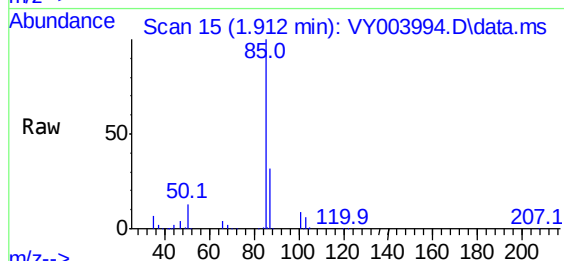




#2
Dichlorodifluoromethane
Concen: 23.02 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

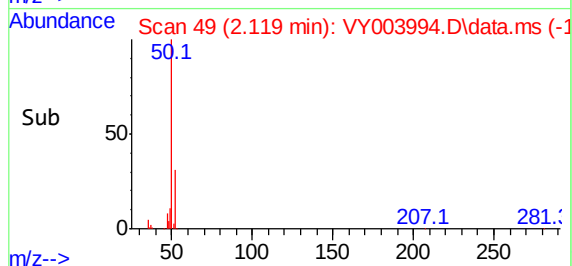
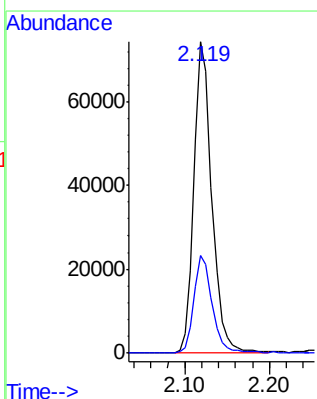
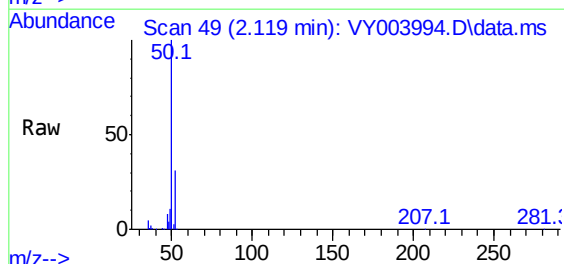
Instrument :
MSVOA_Y
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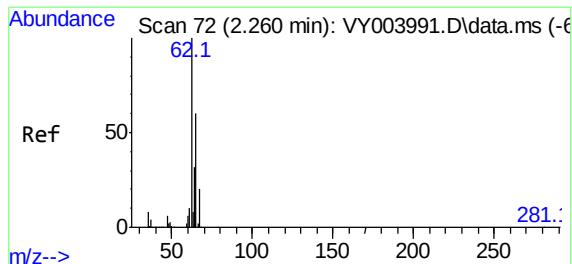
Tgt Ion: 85 Resp: 92966
Ion Ratio Lower Upper
85 100
87 33.3 25.4 38.2



#3
Chloromethane
Concen: 23.48 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 50 Resp: 107154
Ion Ratio Lower Upper
50 100
52 31.4 22.7 42.3

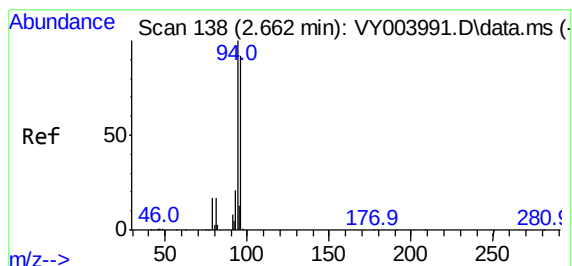
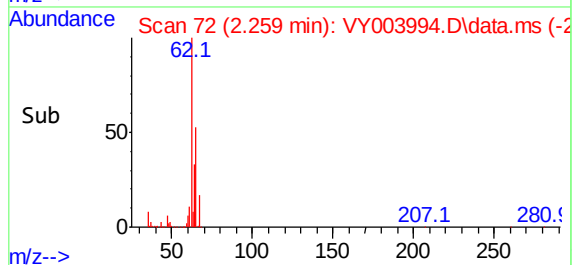
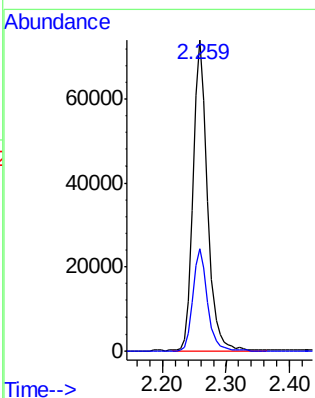
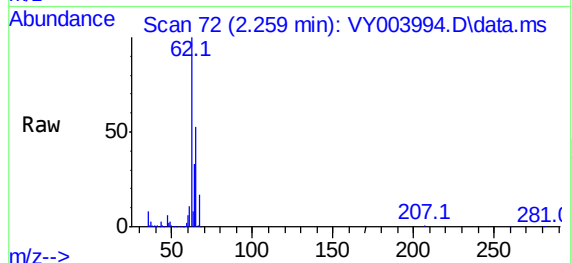




#5
Vinyl chloride
Concen: 26.07 ug/L
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

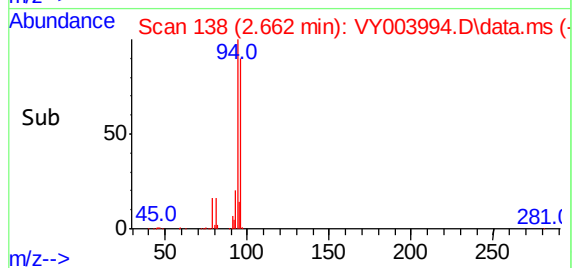
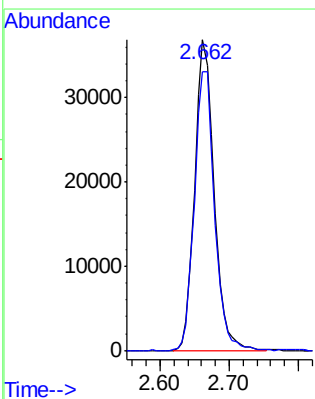
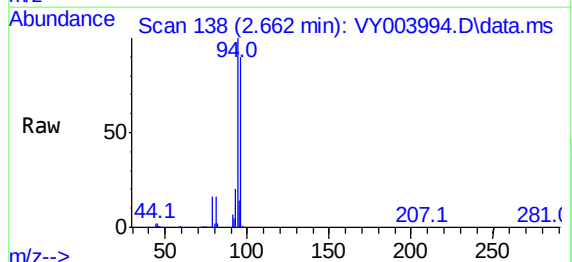
Instrument :
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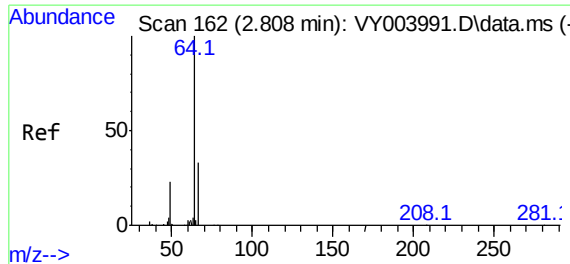
Tgt Ion: 62 Resp: 114943
Ion Ratio Lower Upper
62 100
64 32.7 21.9 40.7



#6
Bromomethane
Concen: 27.28 ug/L
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 94 Resp: 71316
Ion Ratio Lower Upper
94 100
96 89.8 65.2 121.0

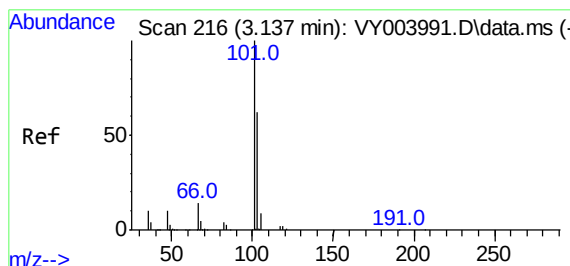
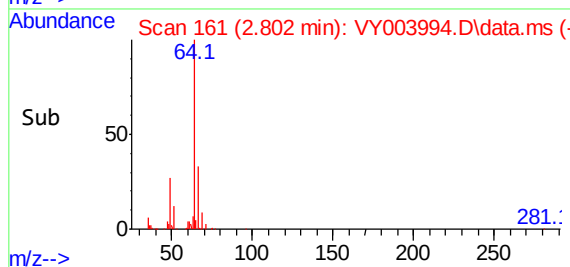
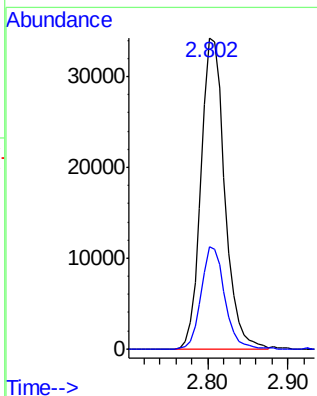
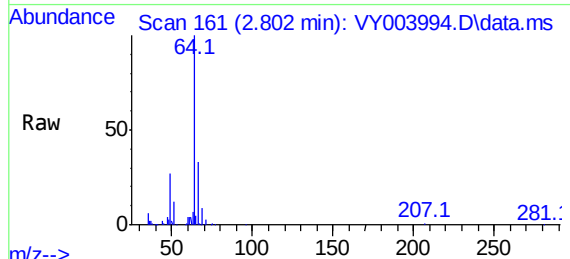




#8
Chloroethane
Concen: 25.54 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

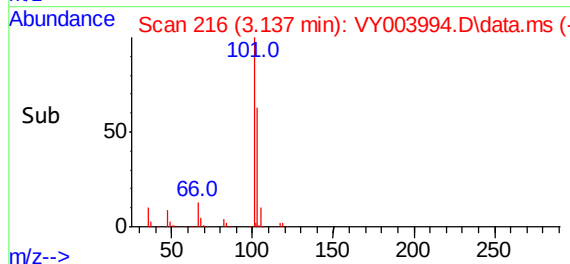
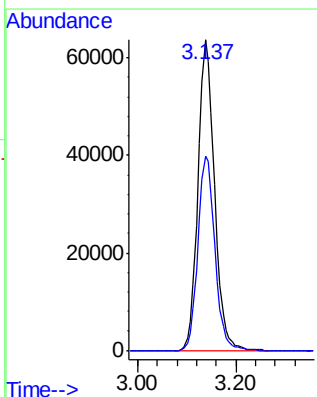
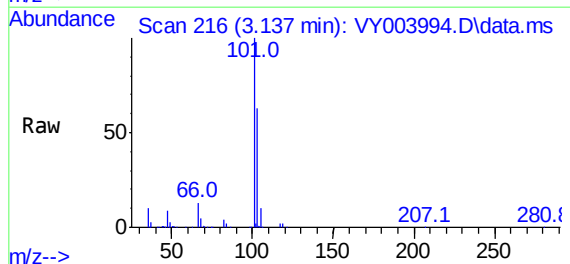
Instrument :
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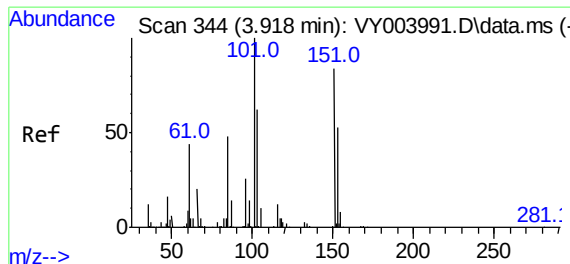
Tgt Ion: 64 Resp: 70629
Ion Ratio Lower Upper
64 100
66 33.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 27.64 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:101 Resp: 148682
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9



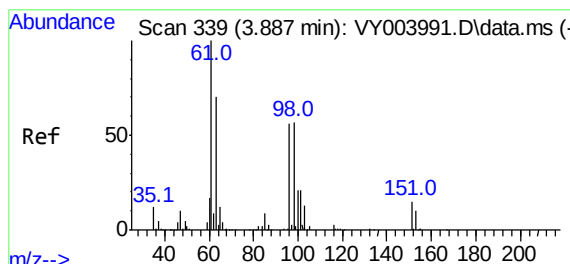
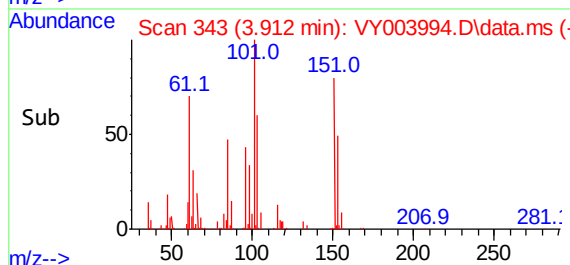
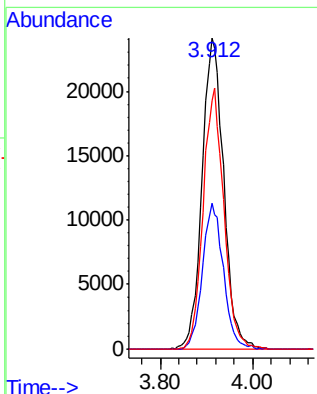
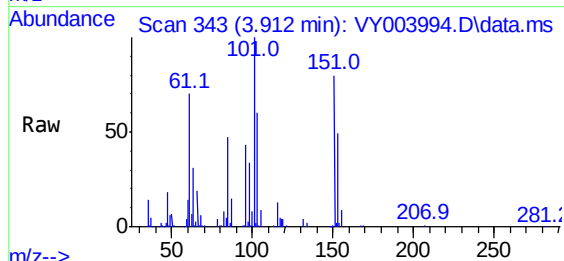


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.60 ug/L
 RT: 3.912 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VY003994.D
 Acq: 08 Feb 2021 13:11

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 78126

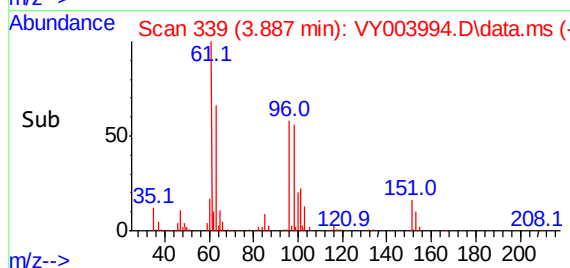
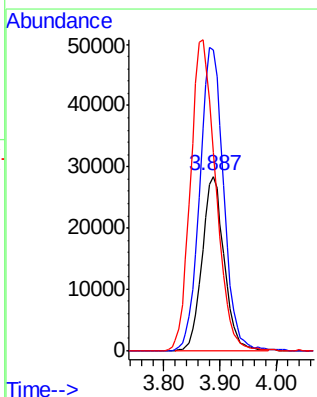
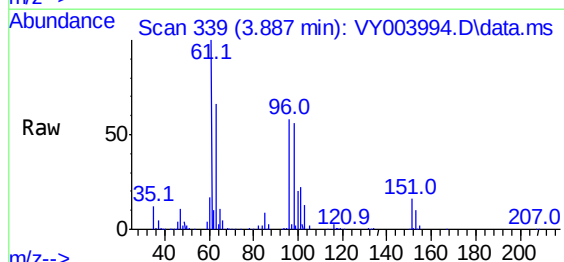
Ion	Ratio	Lower	Upper
101	100		
85	44.9	35.6	53.4
151	79.9	64.2	96.2

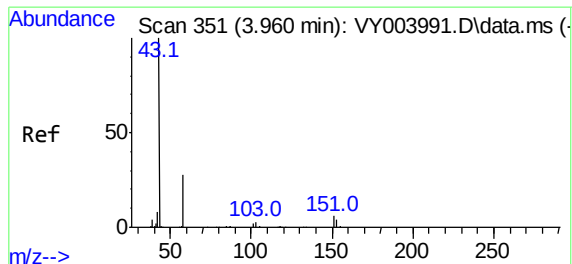


#12
 1,1-Dichloroethene
 Concen: 25.72 ug/L
 RT: 3.887 min Scan# 339
 Delta R.T. -0.000 min
 Lab File: VY003994.D
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Tgt Ion: 96 Resp: 75770

Ion	Ratio	Lower	Upper
96	100		
61	172.9	106.1	197.1
63	113.5	62.9	116.9

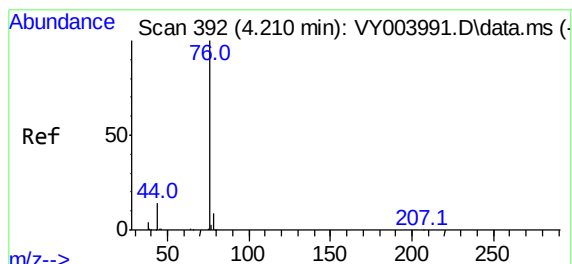
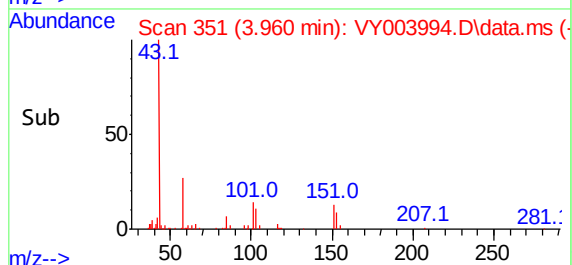
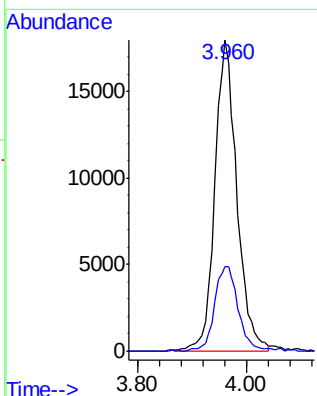
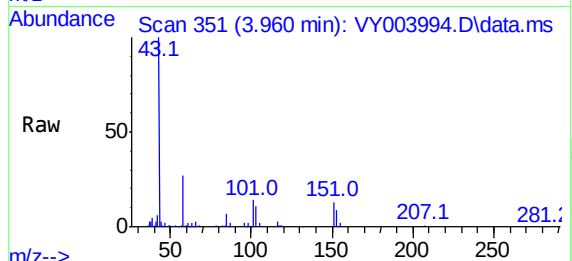




#13
Acetone
Concen: 49.88 ug/L
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

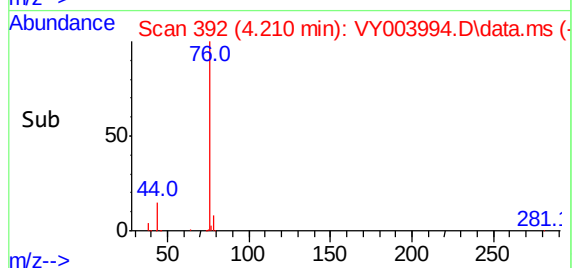
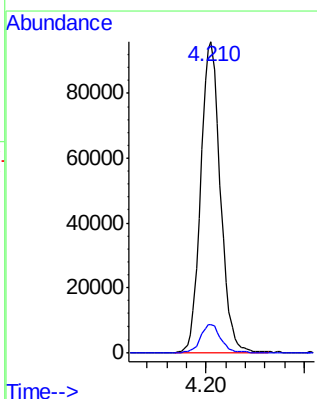
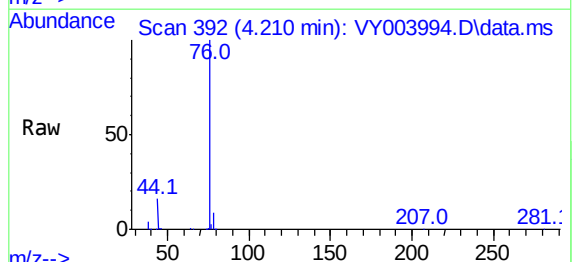
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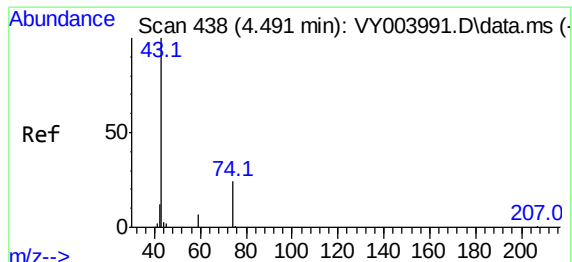
Tgt Ion: 43 Resp: 50395
Ion Ratio Lower Upper
43 100
58 28.5 0.0 61.6



#14
Carbon disulfide
Concen: 26.26 ug/L
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY003994.D
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Tgt Ion: 76 Resp: 265862
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

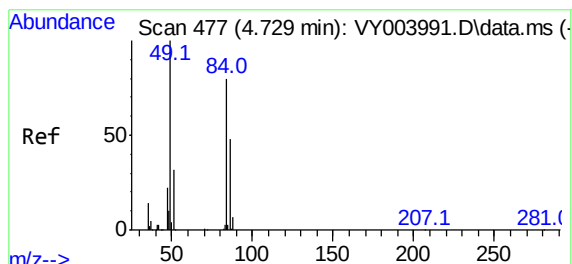
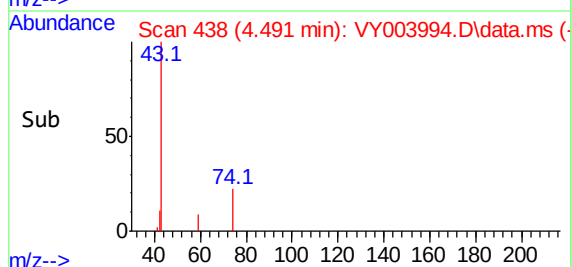
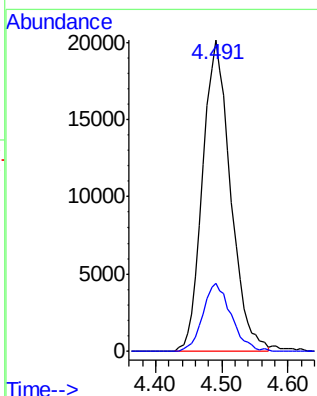
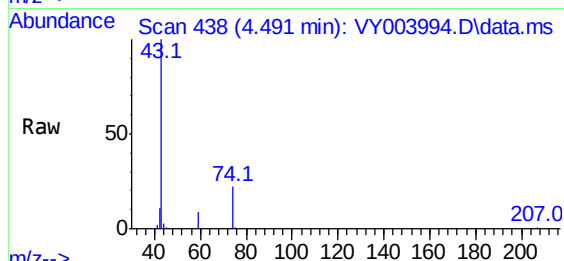




#15
Methyl Acetate
Concen: 24.89 ug/L
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

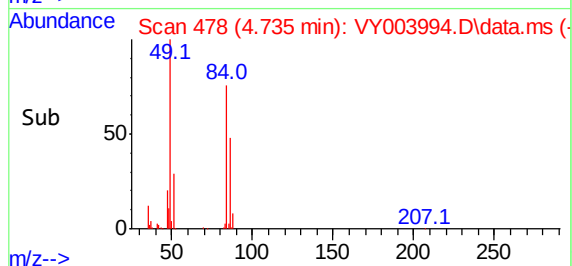
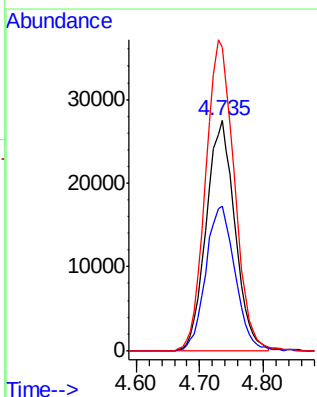
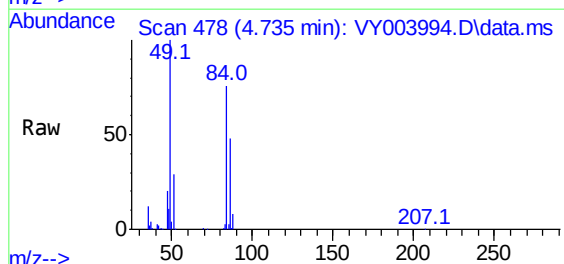
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

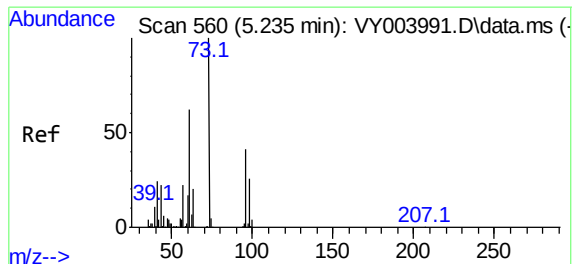
Tgt Ion: 43 Resp: 58783
Ion Ratio Lower Upper
43 100
74 21.7 18.2 27.2



#16
Methylene chloride
Concen: 22.81 ug/L
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 84 Resp: 83480
Ion Ratio Lower Upper
84 100
86 63.0 43.3 80.3
49 131.9 85.3 158.5

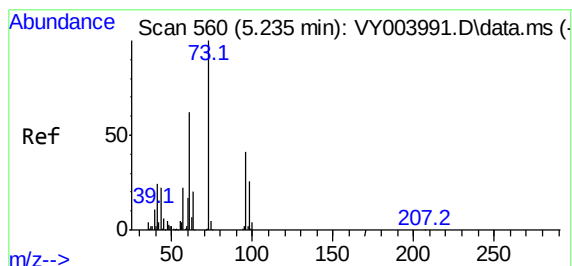
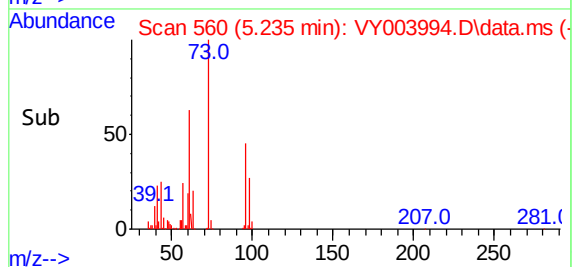
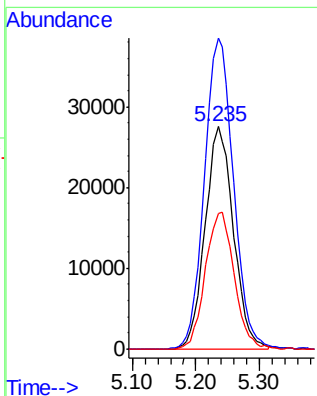
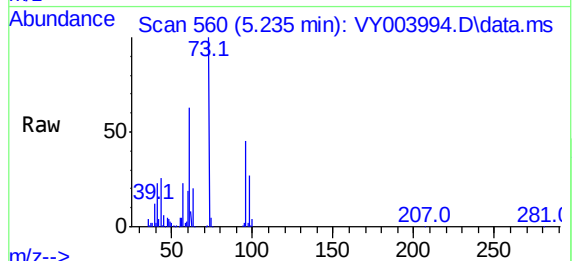




#17
trans-1,2-Dichloroethene
Concen: 26.57 ug/L
RT: 5.235 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

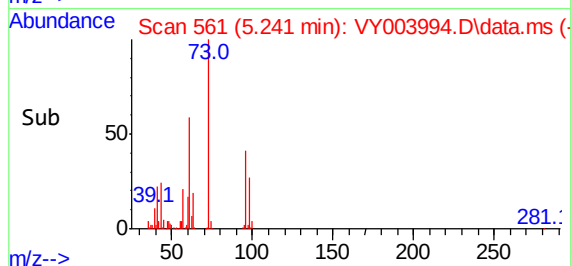
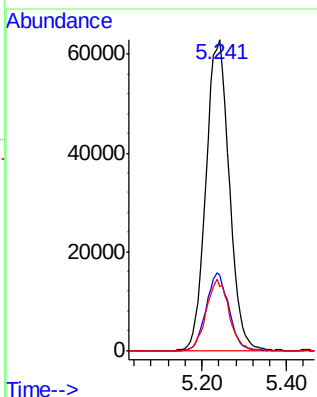
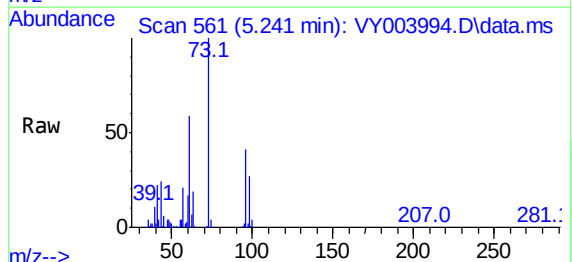
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

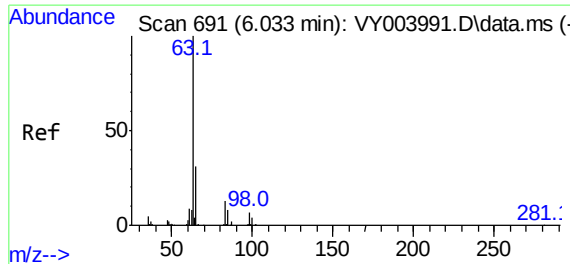
Tgt Ion: 96 Resp: 82441
Ion Ratio Lower Upper
96 100
61 139.9 89.5 166.1
98 60.9 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 26.32 ug/L
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 73 Resp: 230501
Ion Ratio Lower Upper
73 100
43 24.1 15.2 22.8#
57 22.1 18.1 27.1

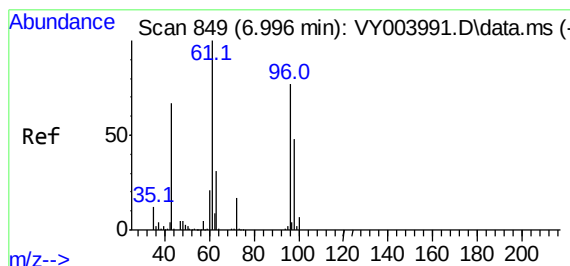
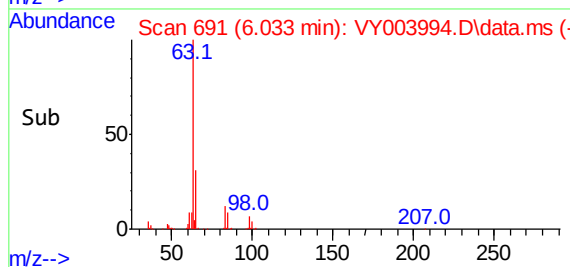
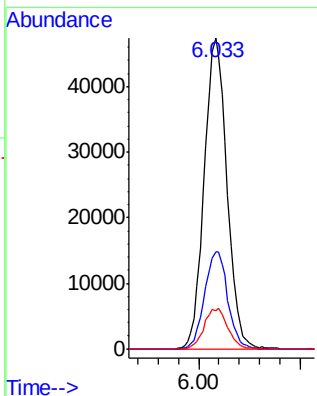
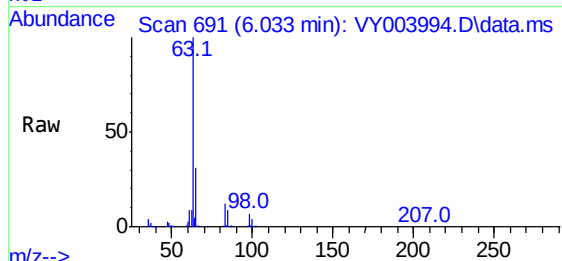




#19
1,1-Dichloroethane
Concen: 25.41 ug/L
RT: 6.033 min Scan# 691
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

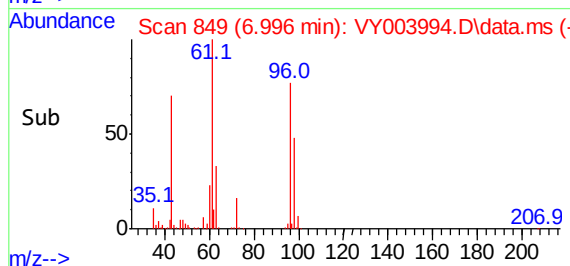
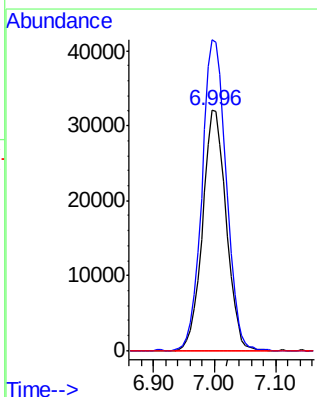
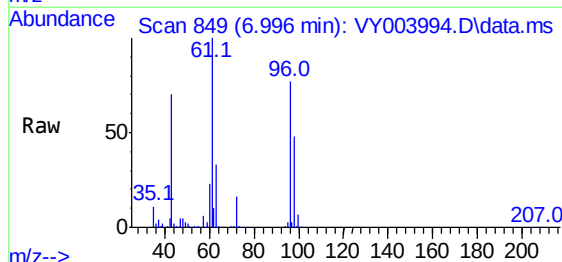
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

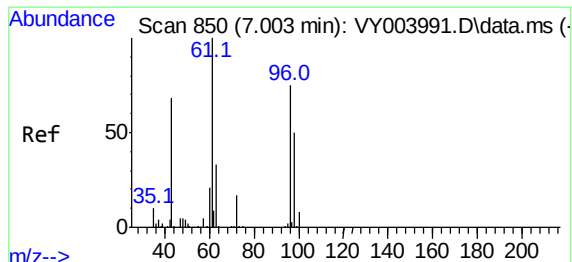
Tgt Ion: 63 Resp: 146469
Ion Ratio Lower Upper
63 100
65 31.2 21.9 40.7
83 12.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 26.32 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 96 Resp: 85705
Ion Ratio Lower Upper
96 100
61 129.4 85.8 159.4
68 0.0 0.0 0.0

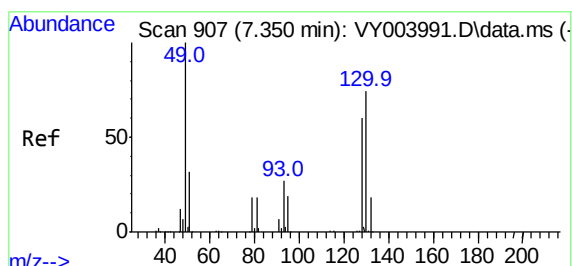
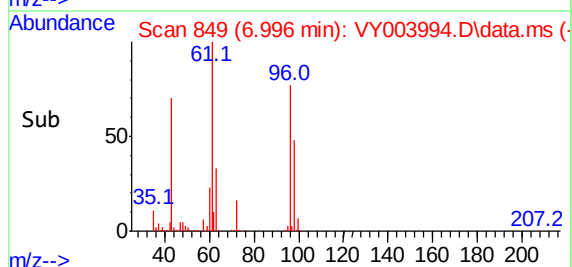
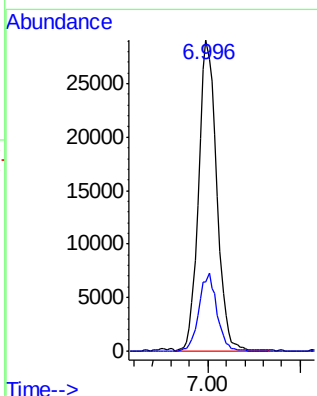
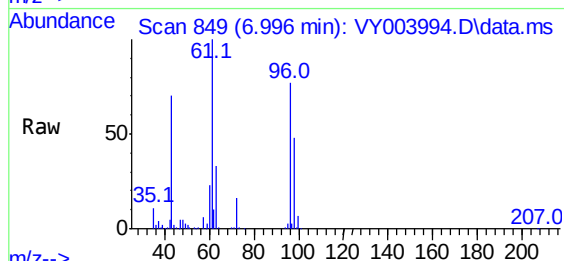




#22
2-Butanone
Concen: 51.47 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

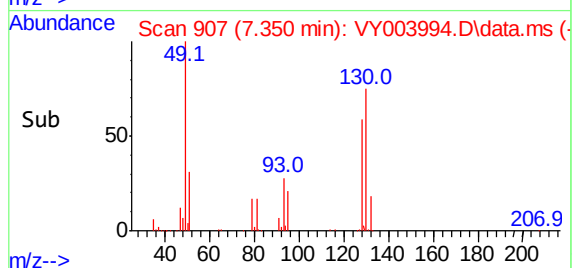
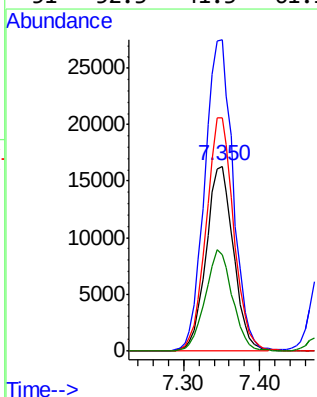
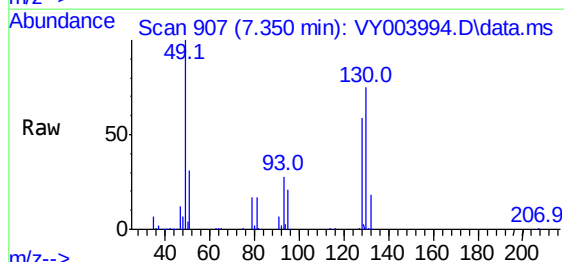
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

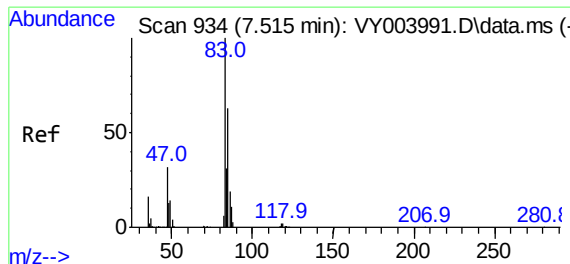
Tgt Ion: 43 Resp: 79027
Ion Ratio Lower Upper
43 100
72 24.5 13.5 40.5



#23
Bromochloromethane
Concen: 25.82 ug/L
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:128 Resp: 40343
Ion Ratio Lower Upper
128 100
49 168.7 118.1 219.3
130 126.5 90.5 168.1
51 52.3 41.3 61.9

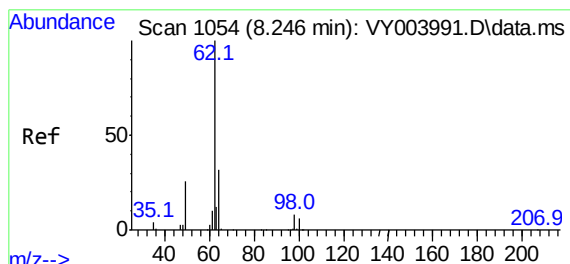
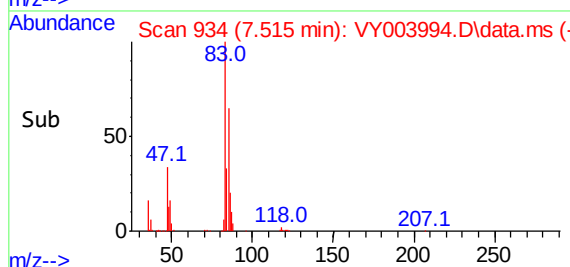
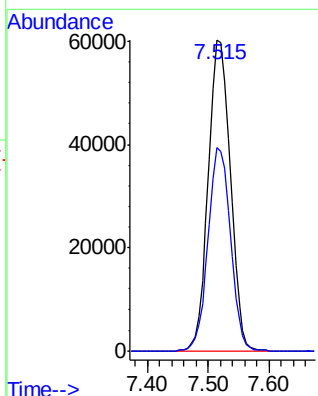
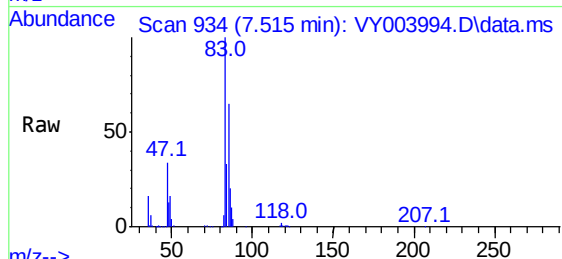




#25
Chloroform
Concen: 25.90 ug/L
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

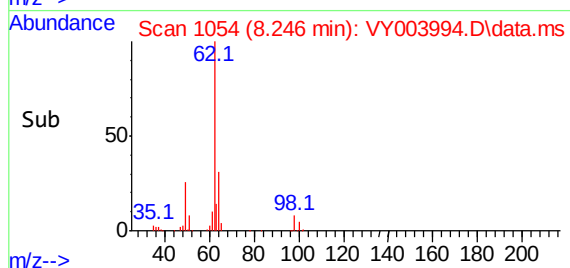
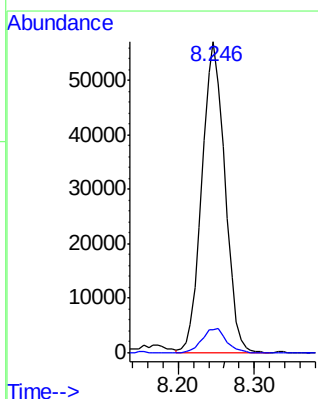
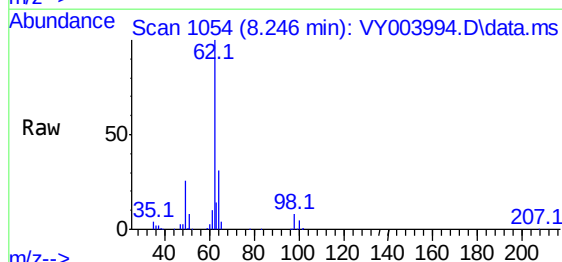
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

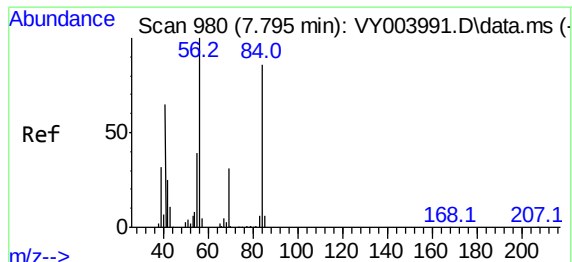
Tgt Ion: 83 Resp: 150581
Ion Ratio Lower Upper
83 100
85 65.4 44.4 82.4



#27
1,2-Dichloroethane
Concen: 27.36 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 62 Resp: 119077
Ion Ratio Lower Upper
62 100
98 7.5 7.5 11.3#

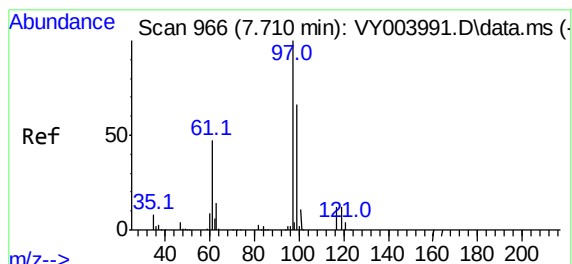
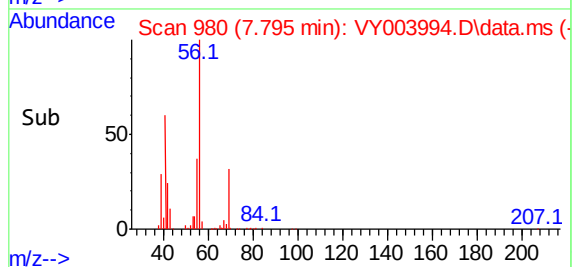
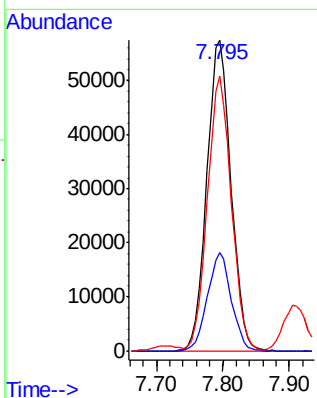
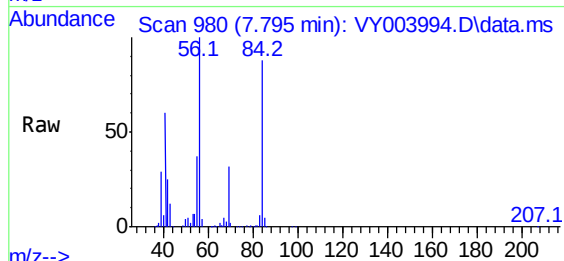




#29
Cyclohexane
Concen: 25.86 ug/L
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

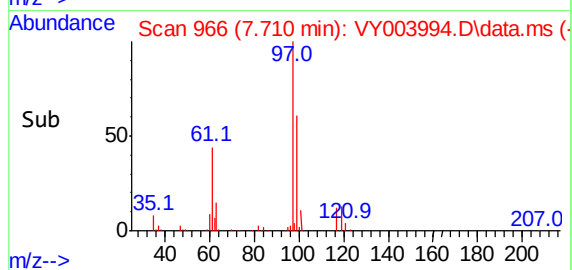
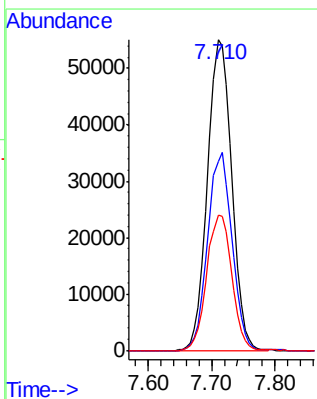
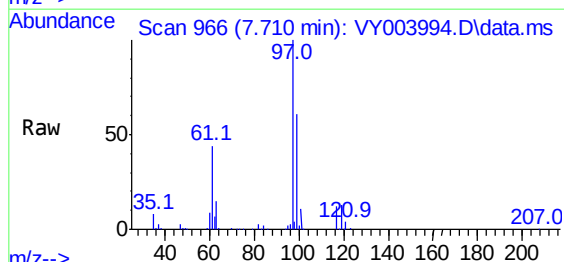
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

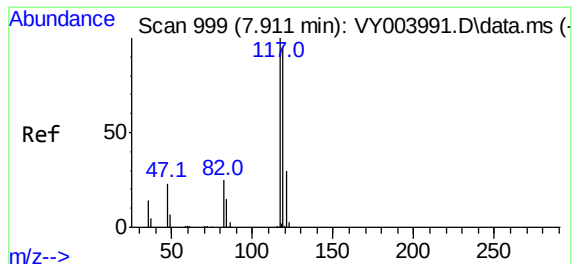
Tgt Ion: 56 Resp: 144682
Ion Ratio Lower Upper
56 100
69 31.1 23.9 35.9
84 87.8 71.9 107.9



#30
1,1,1-Trichloroethane
Concen: 26.73 ug/L
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 97 Resp: 141482
Ion Ratio Lower Upper
97 100
99 64.0 50.6 76.0
61 44.8 34.3 51.5

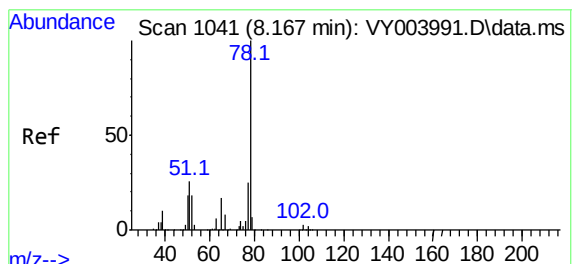
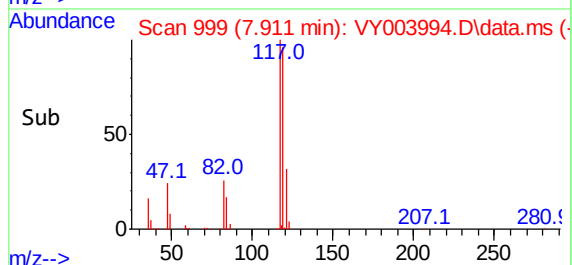
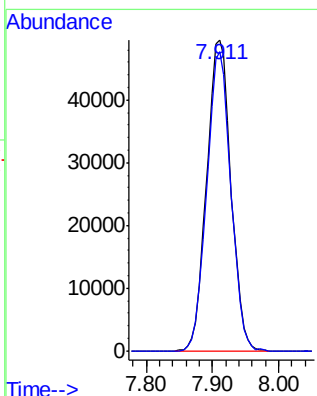
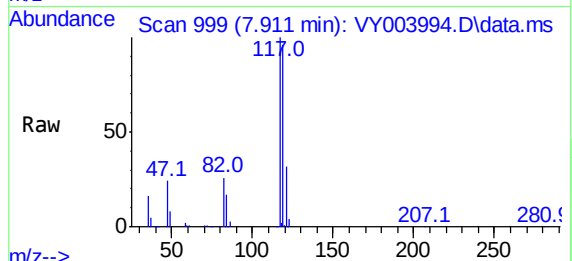




#31
Carbon tetrachloride
Concen: 26.74 ug/L
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

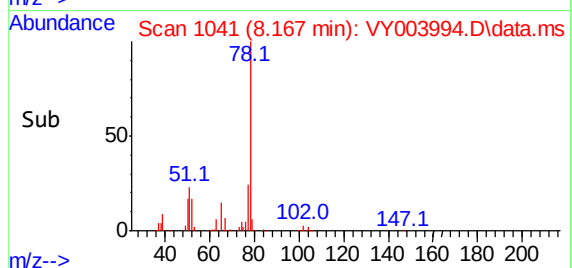
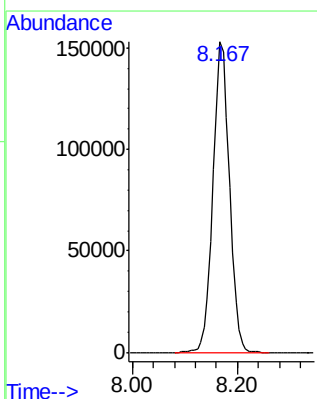
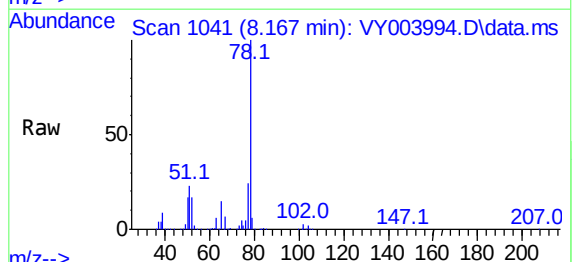
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

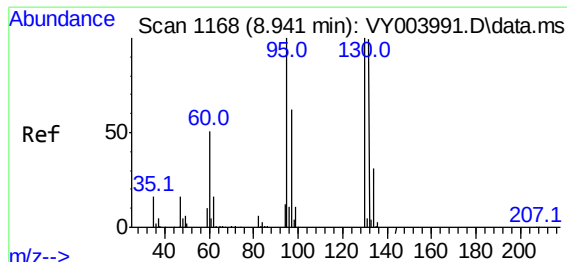
Tgt Ion:117 Resp: 126614
Ion Ratio Lower Upper
117 100
119 95.4 77.7 116.5



#33
Benzene
Concen: 26.28 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 78 Resp: 333642





#34

Trichloroethene

Concen: 25.10 ug/L

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY003994.D

Acq: 08 Feb 2021 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025511

Tgt Ion: 95 Resp: 84791

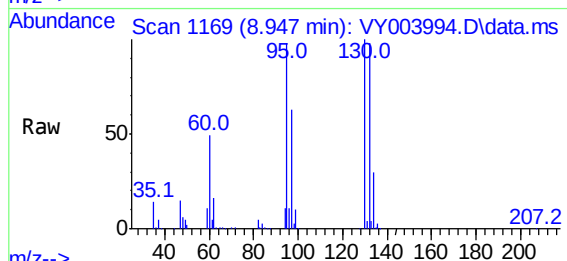
Ion Ratio Lower Upper

95 100

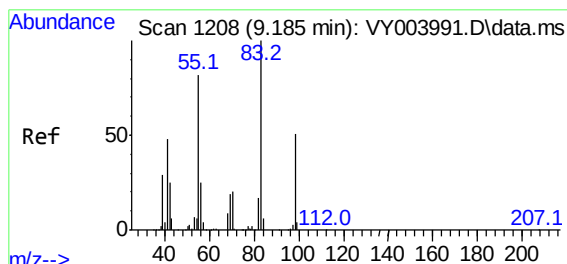
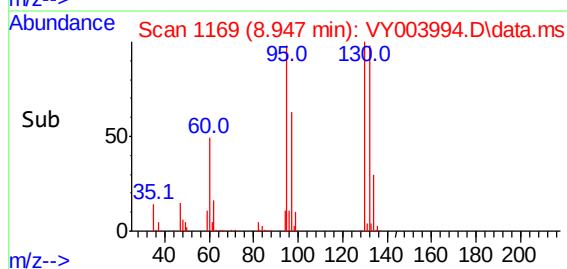
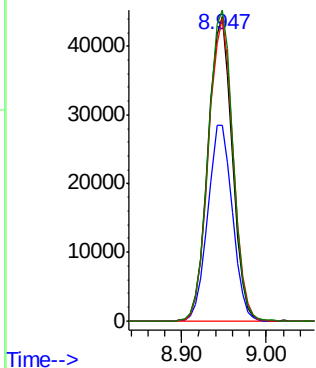
97 64.4 44.7 83.1

132 99.7 74.7 138.7

130 102.2 76.8 142.6



Abundance



#35

Methylcyclohexane

Concen: 26.50 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY003994.D

Acq: 08 Feb 2021 13:11

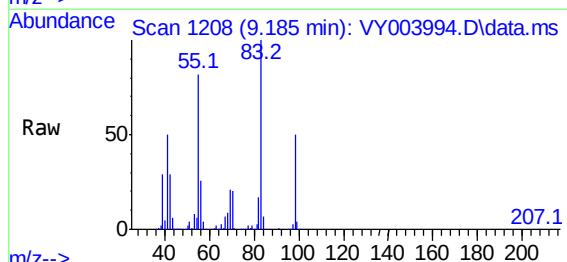
Tgt Ion: 83 Resp: 148940

Ion Ratio Lower Upper

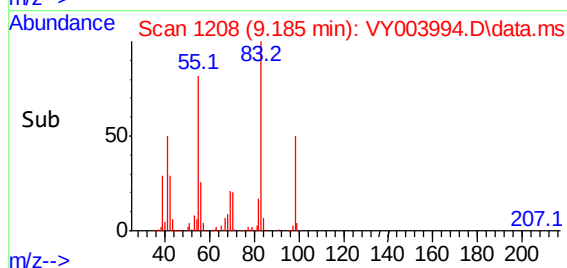
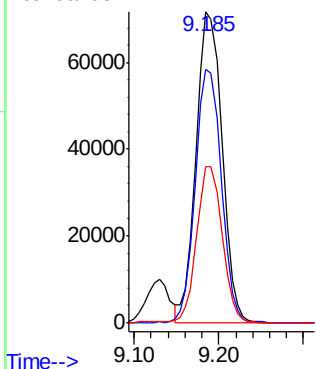
83 100

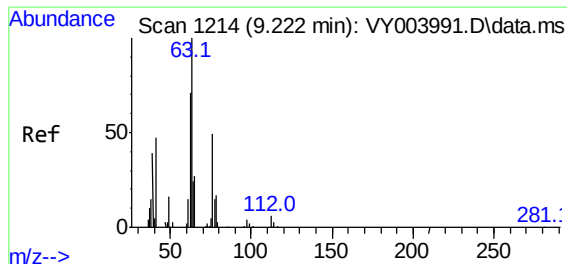
55 81.2 58.3 87.5

98 49.2 39.0 58.6



Abundance

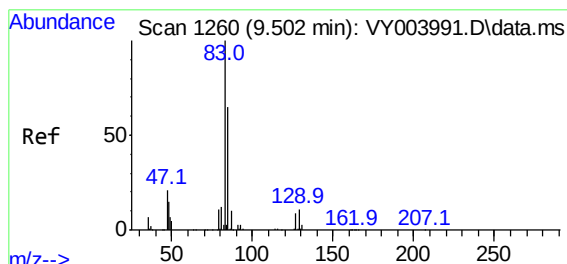
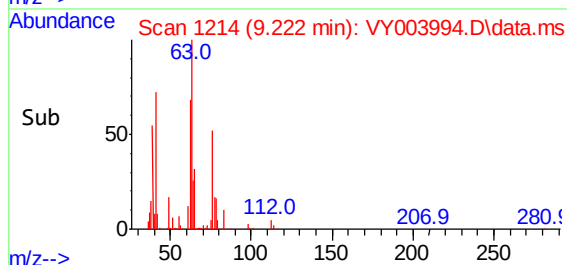
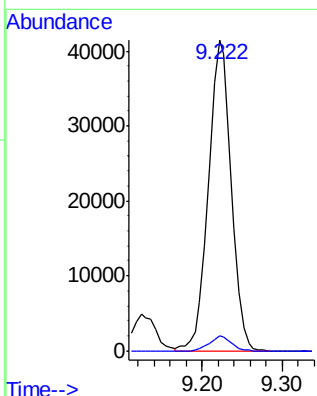
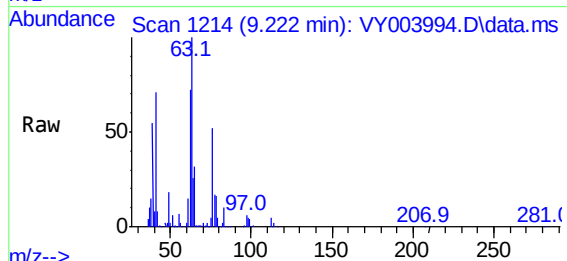




#37
1,2-Dichloropropane
Concen: 24.10 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

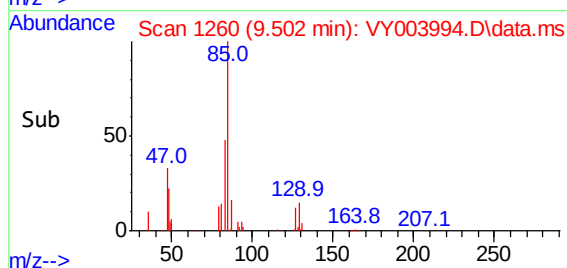
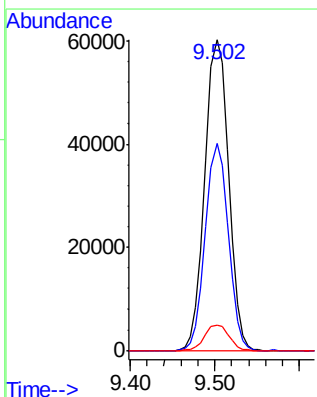
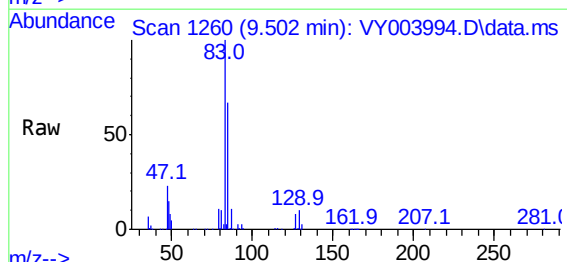
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

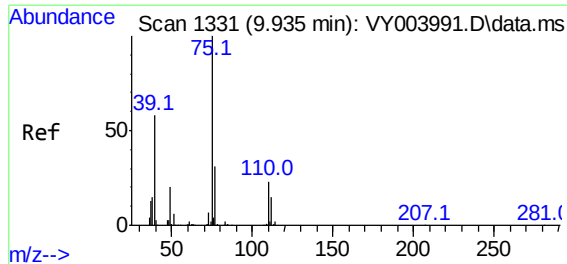
Tgt Ion: 63 Resp: 81813
Ion Ratio Lower Upper
63 100
112 4.6 3.7 5.5



#38
Bromodichloromethane
Concen: 25.58 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 83 Resp: 114324
Ion Ratio Lower Upper
83 100
85 66.5 43.1 80.1
127 8.1 7.1 10.7

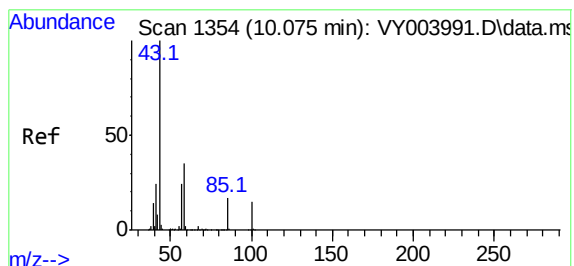
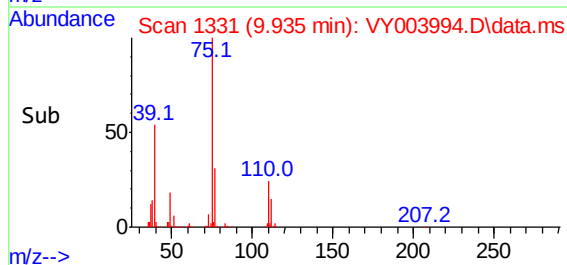
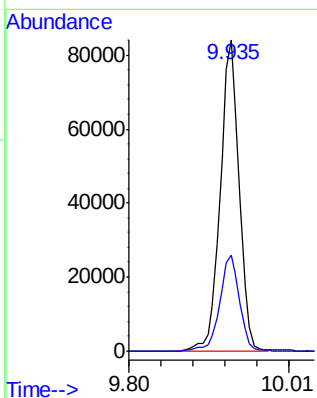
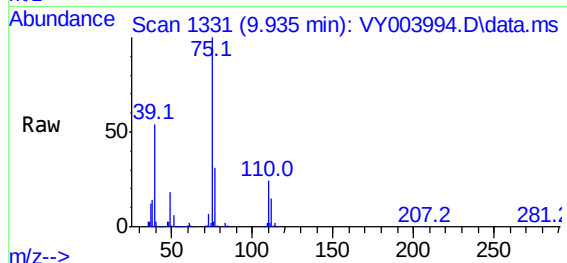




#39
cis-1,3-Dichloropropene
Concen: 27.21 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

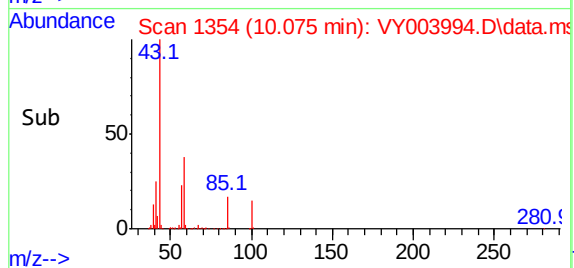
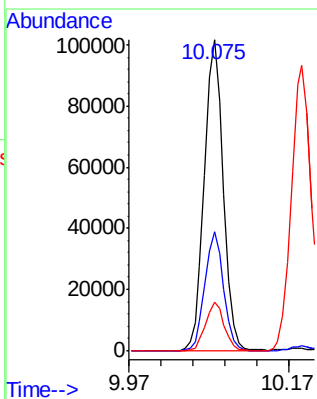
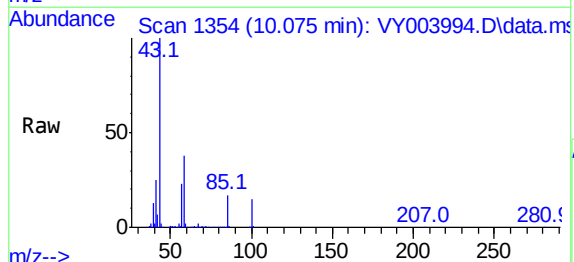
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

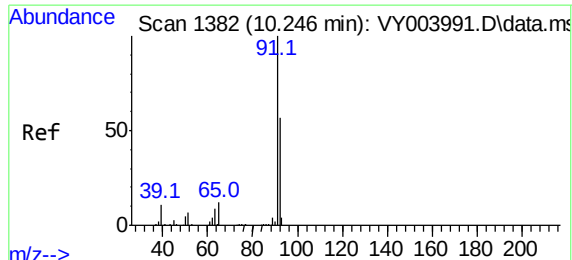
Tgt Ion: 75 Resp: 144828
Ion Ratio Lower Upper
75 100
77 31.0 23.5 43.7



#40
4-Methyl-2-pentanone
Concen: 50.50 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 43 Resp: 167103
Ion Ratio Lower Upper
43 100
58 37.5 30.7 46.1
100 15.2 12.1 18.1





#42

Toluene

Concen: 26.31 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. -0.000 min

Lab File: VY003994.D

Acq: 08 Feb 2021 13:11

Instrument :

MSVOA_Y

ClientSampleId :

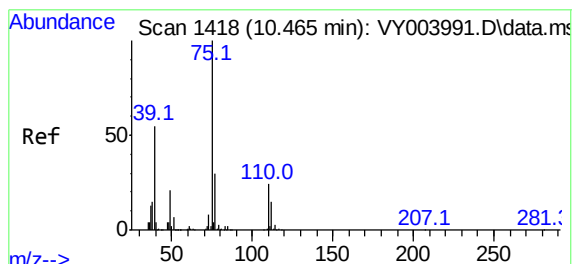
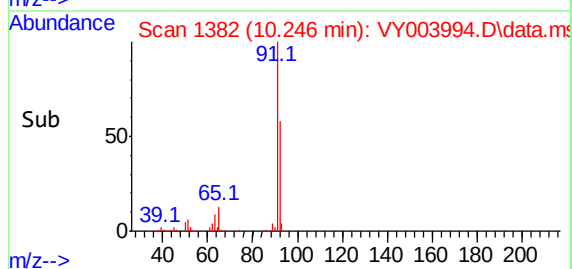
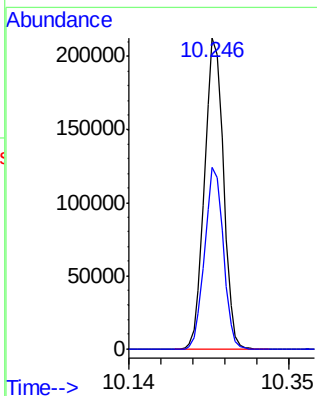
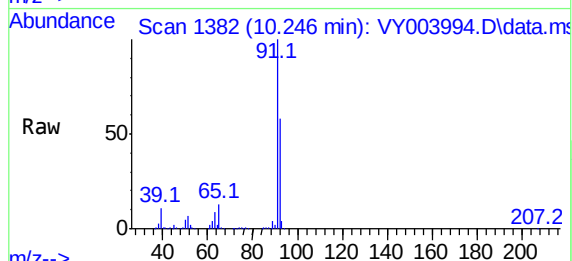
VSTD025511

Tgt Ion: 91 Resp: 364291

Ion Ratio Lower Upper

91 100

92 58.5 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 27.68 ug/L

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY003994.D

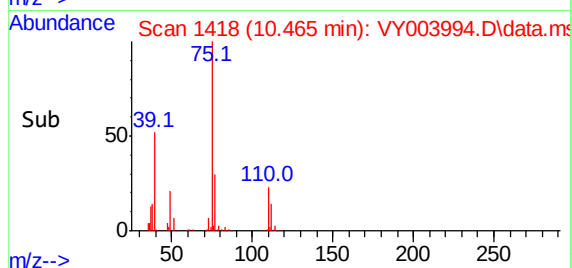
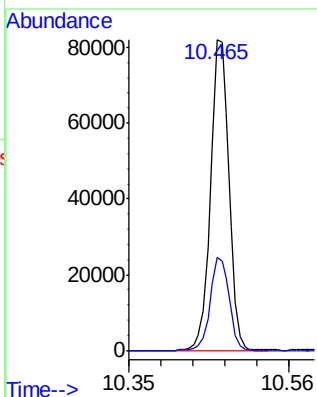
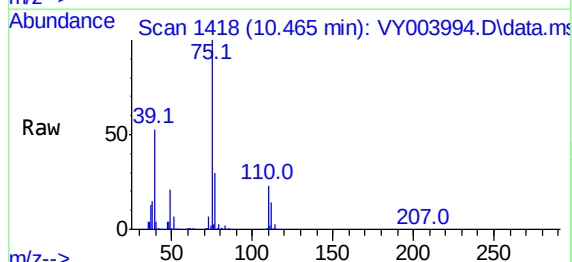
Acq: 08 Feb 2021 13:11

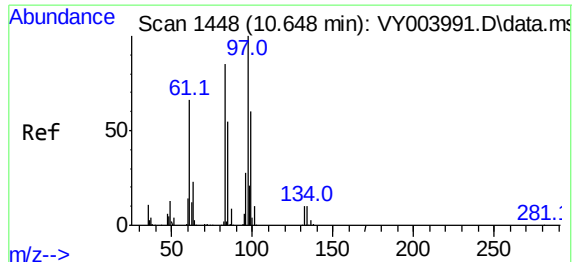
Tgt Ion: 75 Resp: 137131

Ion Ratio Lower Upper

75 100

77 30.1 22.9 42.5



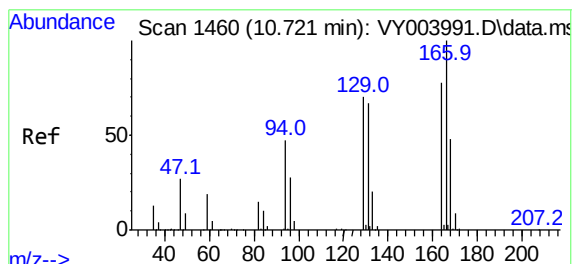
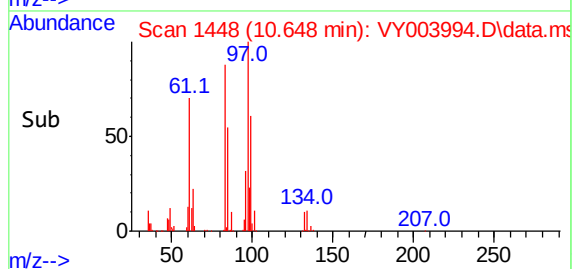
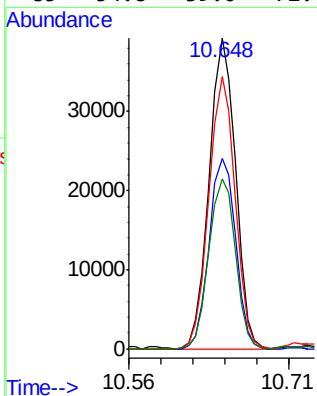
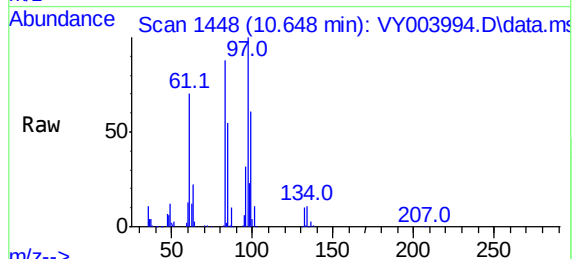


#45
1,1,2-Trichloroethane
Concen: 25.65 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

Tgt Ion: 97 Resp: 66085

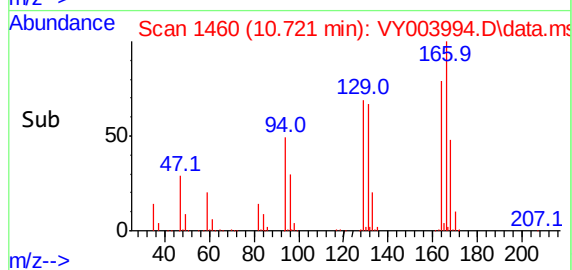
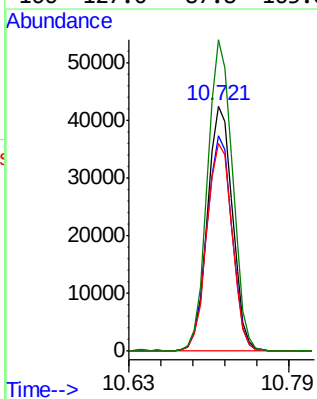
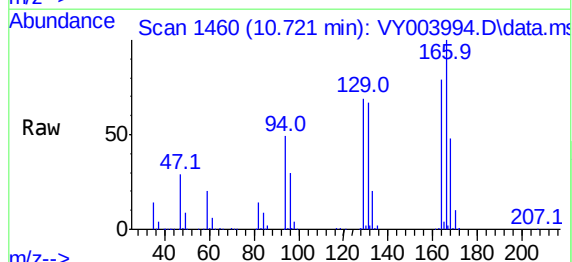
Ion	Ratio	Lower	Upper
97	100		
99	61.4	45.1	83.9
83	87.7	59.7	110.9
85	54.8	39.0	72.4

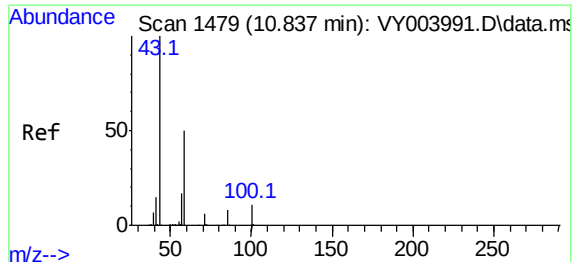


#46
Tetrachloroethene
Concen: 25.72 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 164 Resp: 71785

Ion	Ratio	Lower	Upper
164	100		
129	87.7	58.9	109.5
131	84.5	59.0	109.6
166	127.0	87.8	163.0



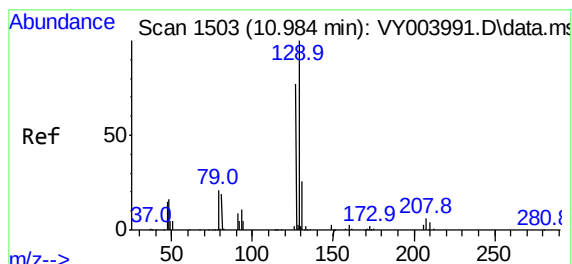
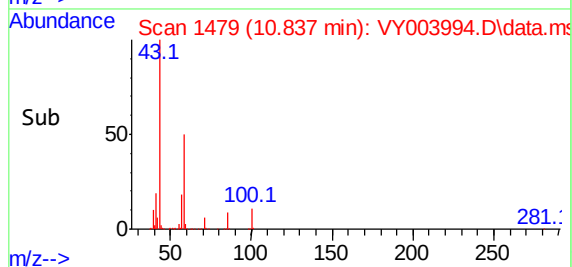
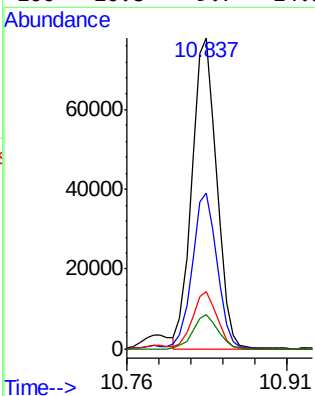
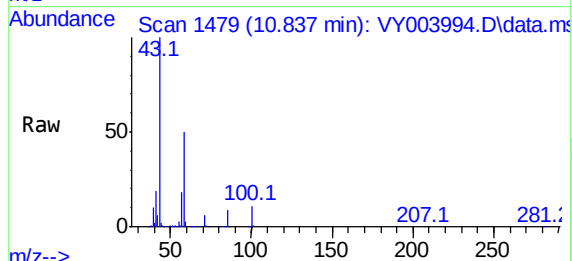


#48
2-Hexanone
Concen: 51.92 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

Tgt Ion: 43 Resp: 123202

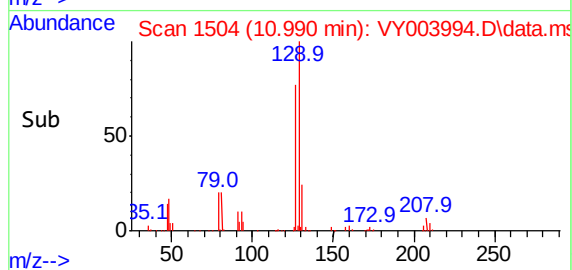
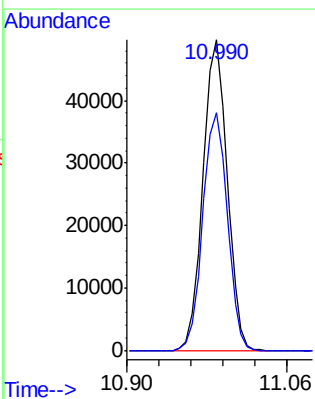
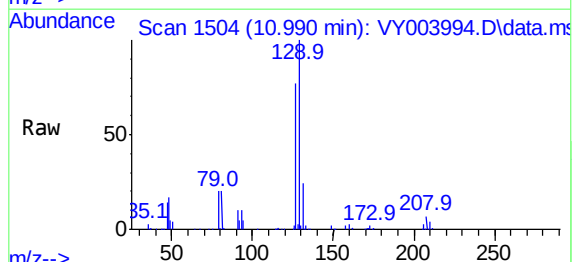
Ion	Ratio	Lower	Upper
43	100		
58	50.3	43.0	64.6
57	18.1	14.6	21.8
100	10.8	9.7	14.5

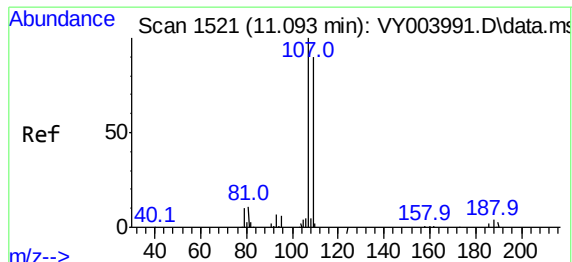


#49
Dibromochloromethane
Concen: 25.64 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 129 Resp: 81911

Ion	Ratio	Lower	Upper
129	100		
127	76.6	55.0	102.2

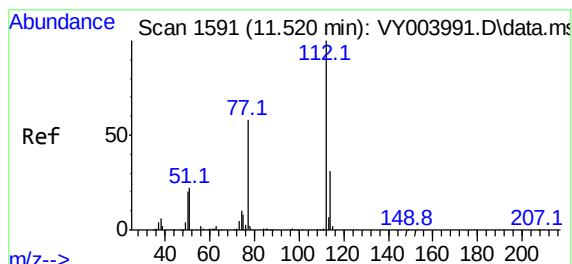
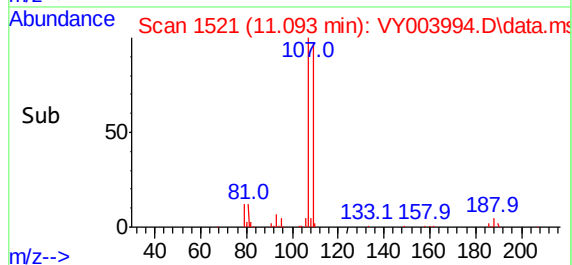
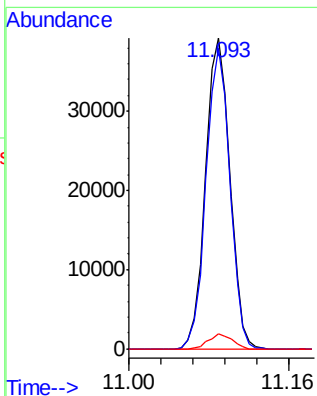
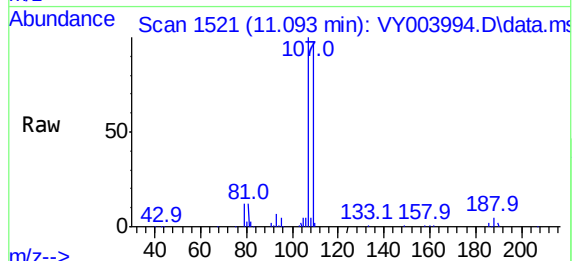




#50
1,2-Dibromoethane
Concen: 25.67 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

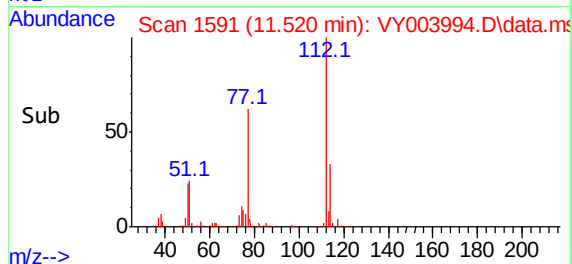
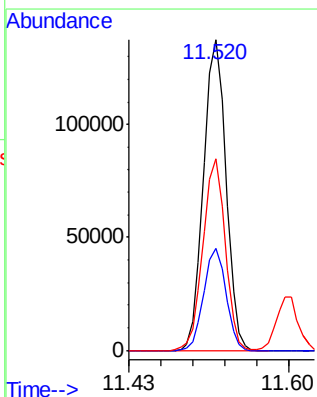
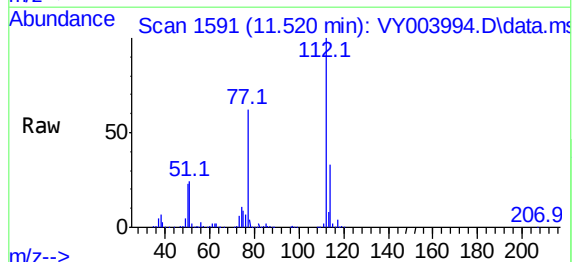
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

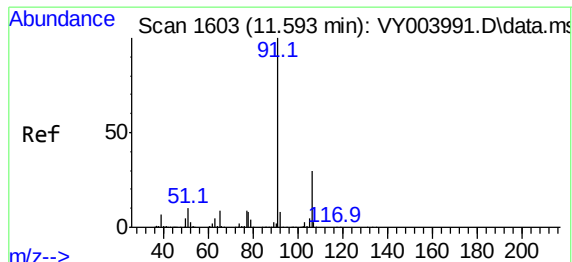
Tgt Ion:107 Resp: 64901
Ion Ratio Lower Upper
107 100
109 96.7 65.5 121.7
188 4.9 3.8 5.8



#51
Chlorobenzene
Concen: 25.68 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:112 Resp: 223058
Ion Ratio Lower Upper
112 100
114 32.9 22.2 41.2
77 61.6 43.8 65.6

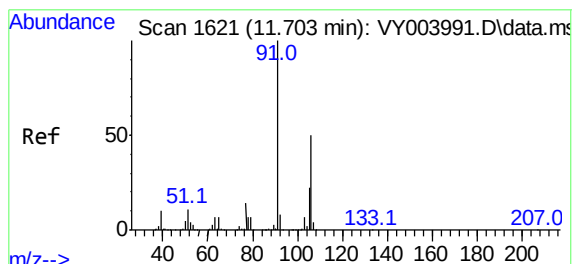
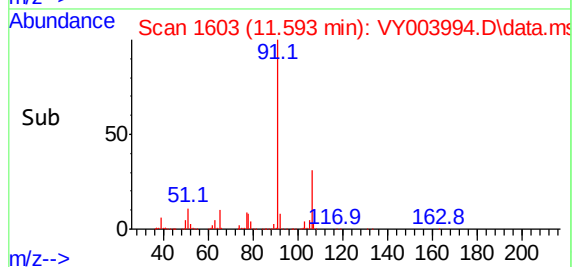
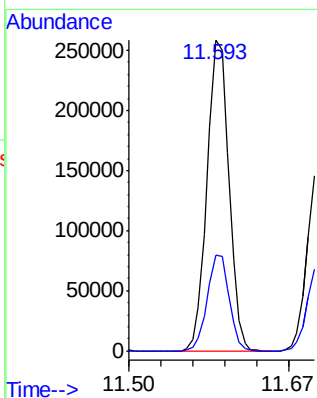
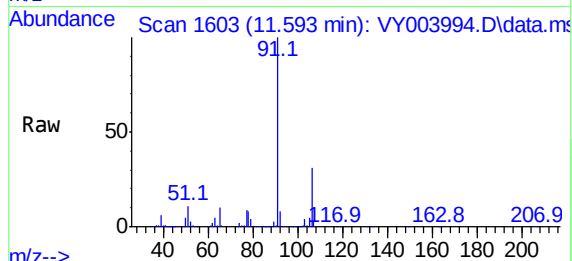




#52
Ethylbenzene
Concen: 26.27 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

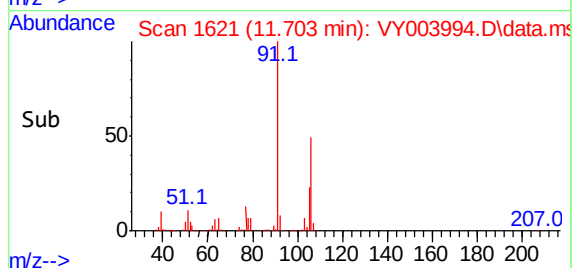
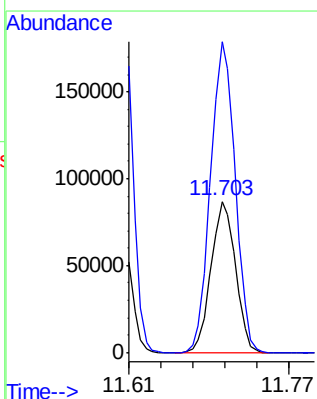
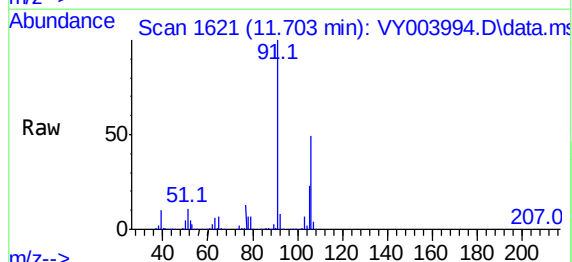
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

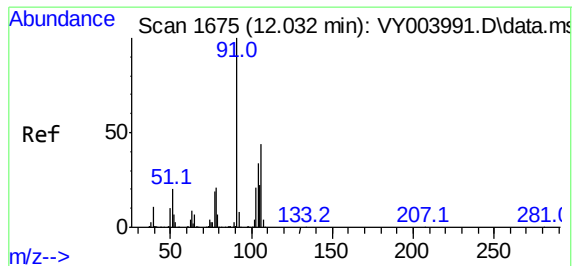
Tgt Ion: 91 Resp: 406536
Ion Ratio Lower Upper
91 100
106 30.8 22.8 42.4



#53
m,p-Xylene
Concen: 26.43 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 106 Resp: 152930
Ion Ratio Lower Upper
106 100
91 205.5 133.1 247.3

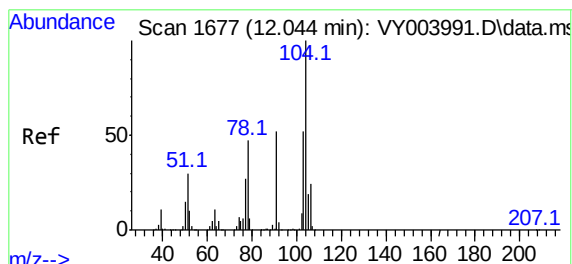
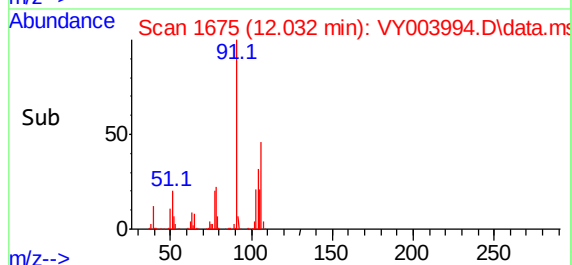
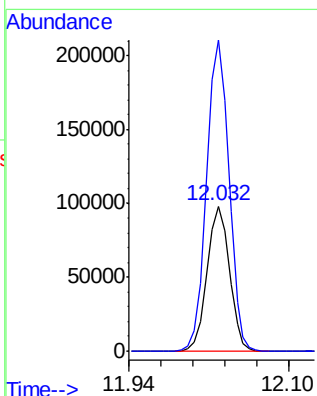
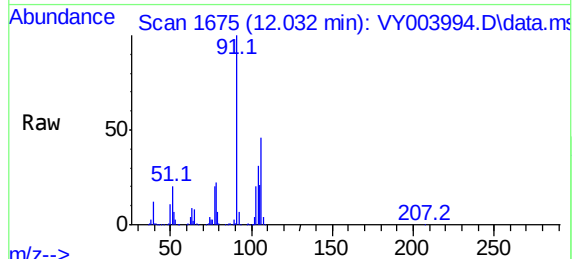




#54
o-Xylene
Concen: 26.68 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

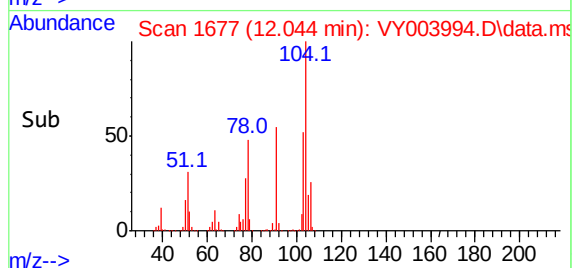
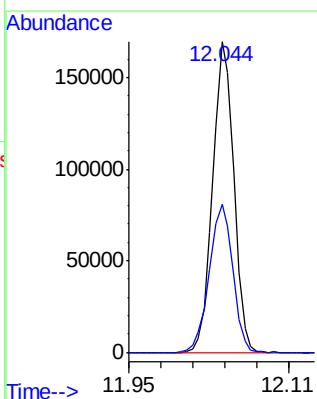
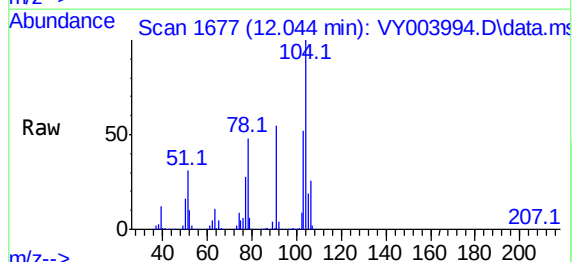
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

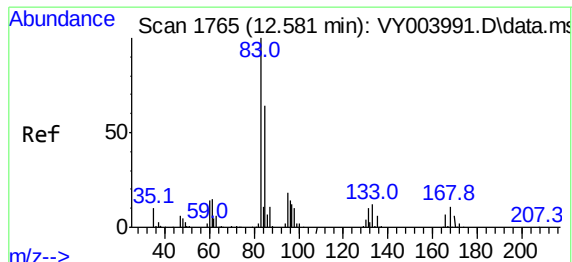
Tgt Ion:106 Resp: 147690
Ion Ratio Lower Upper
106 100
91 215.3 144.1 267.5



#55
Styrene
Concen: 26.85 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:104 Resp: 257993
Ion Ratio Lower Upper
104 100
78 47.7 27.6 51.4

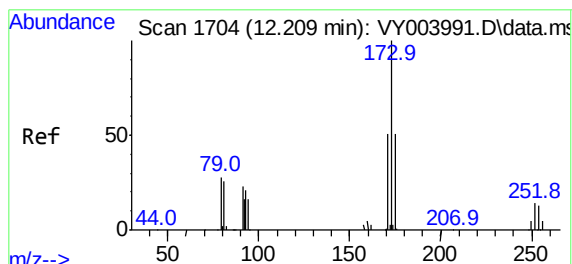
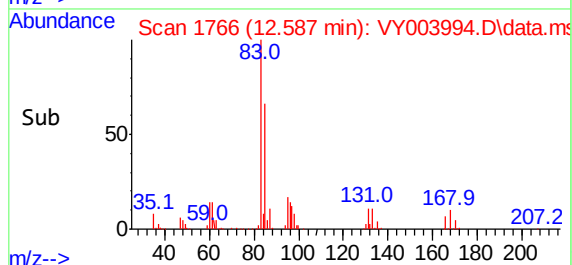
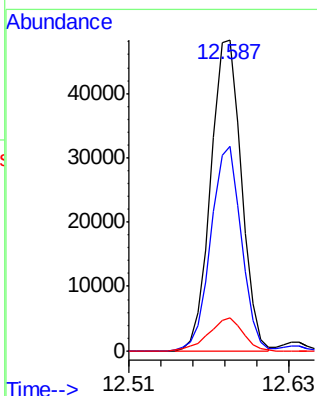
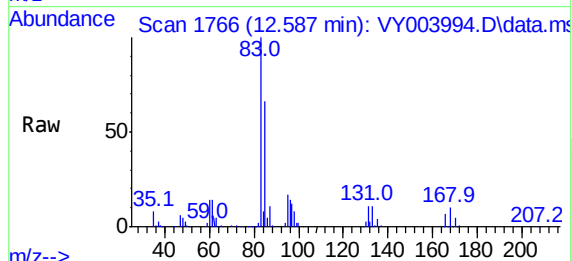




#57
1,1,2,2-Tetrachloroethane
Concen: 23.83 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

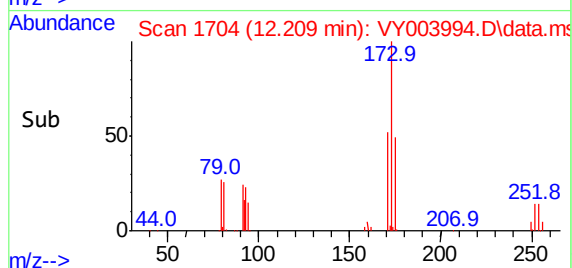
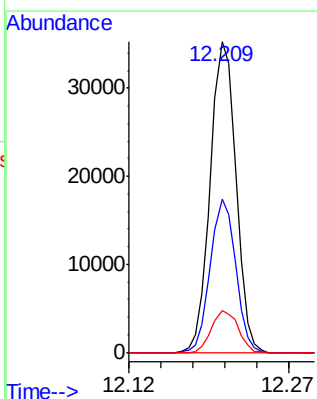
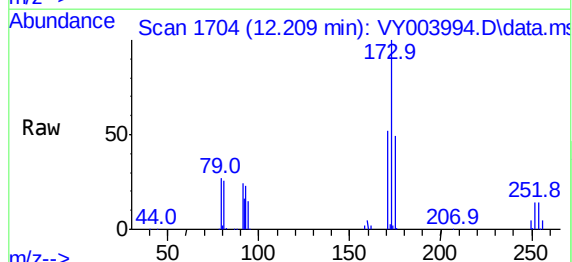
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

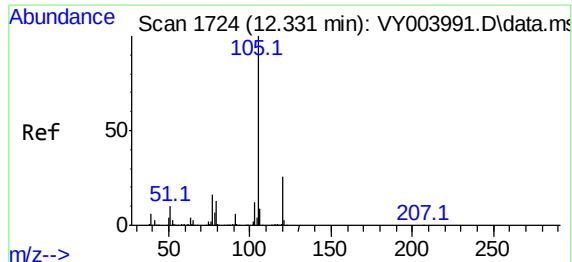
Tgt Ion: 83 Resp: 79163
Ion Ratio Lower Upper
83 100
85 65.9 46.1 85.7
131 10.6 8.1 12.1



#59
Bromoform
Concen: 24.54 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 173 Resp: 57863
Ion Ratio Lower Upper
173 100
175 48.6 38.2 57.4
254 13.8 8.0 12.0#

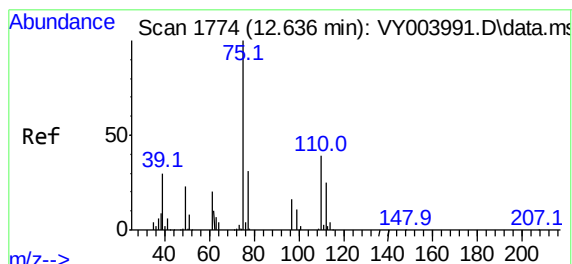
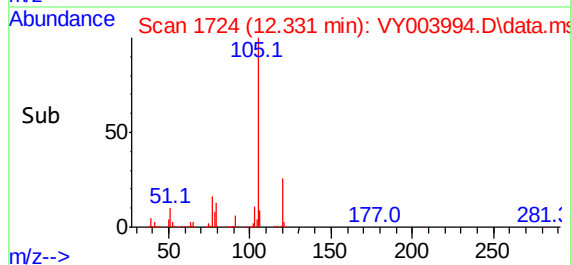
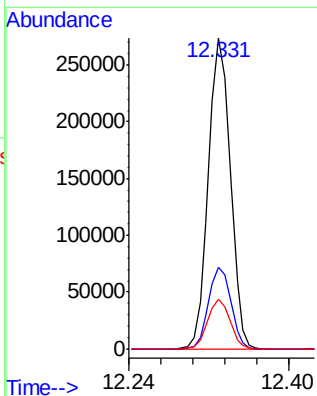
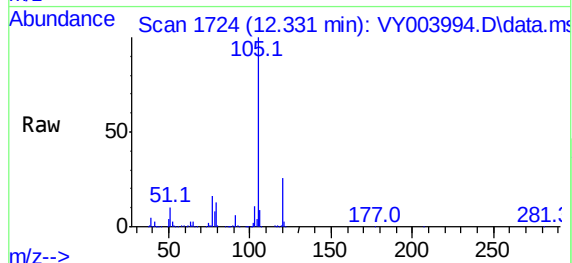




#60
Isopropylbenzene
Concen: 25.35 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

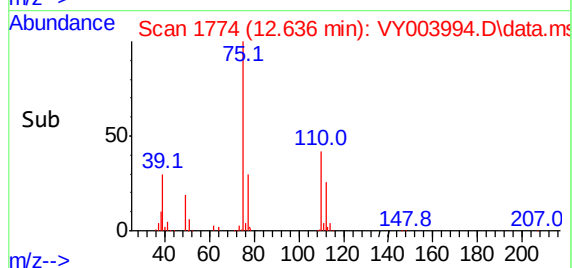
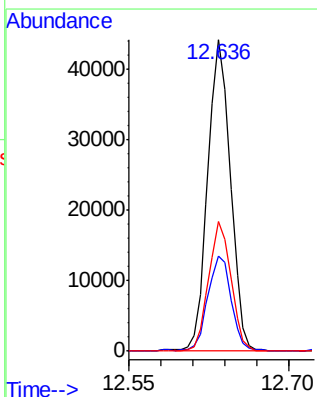
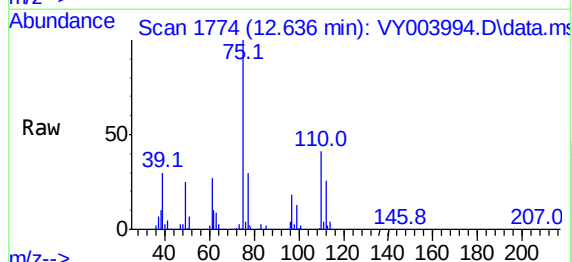
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

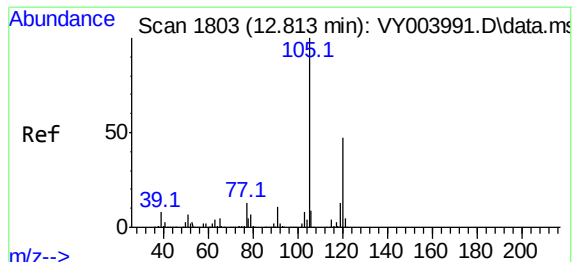
Tgt Ion:105 Resp: 409216
Ion Ratio Lower Upper
105 100
120 26.7 22.0 33.0
77 16.2 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 23.83 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 75 Resp: 67923
Ion Ratio Lower Upper
75 100
77 31.1 26.3 39.5
110 40.7 33.0 49.4

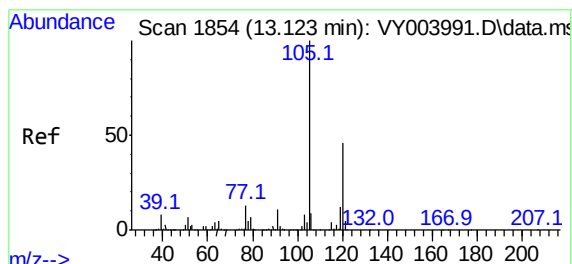
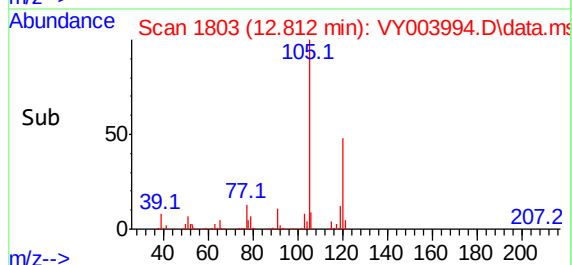
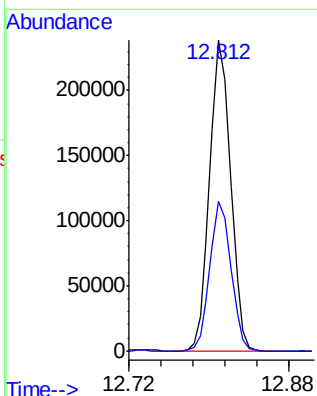
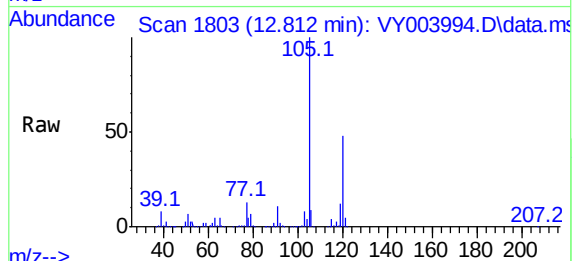




#62
1,3,5-Trimethylbenzene
Concen: 24.83 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

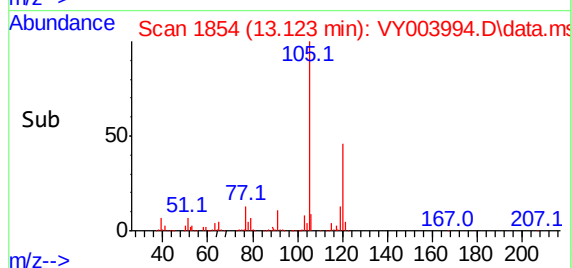
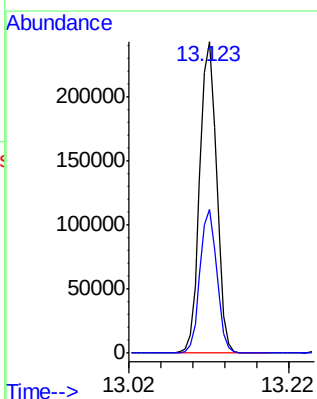
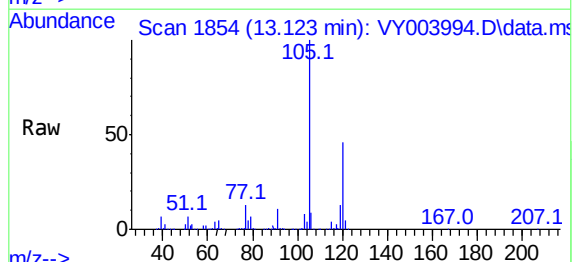
Instrument :
MSVOA_Y
ClientSampled :
VSTD025511

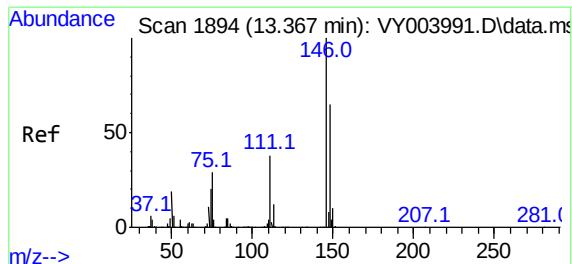
Tgt Ion:105 Resp: 340436
Ion Ratio Lower Upper
105 100
120 48.4 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 26.21 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:105 Resp: 353863
Ion Ratio Lower Upper
105 100
120 45.5 38.0 57.0

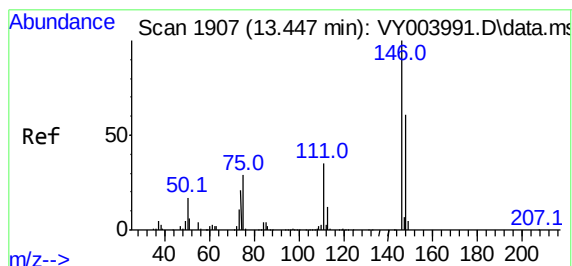
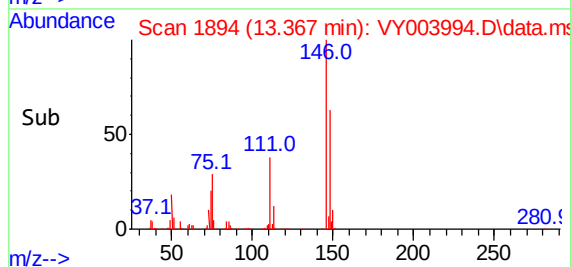
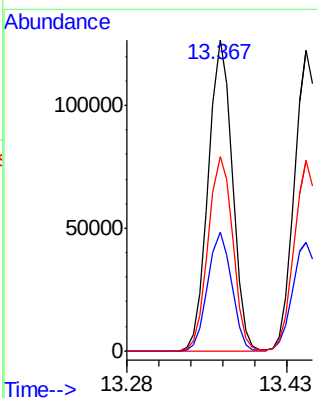
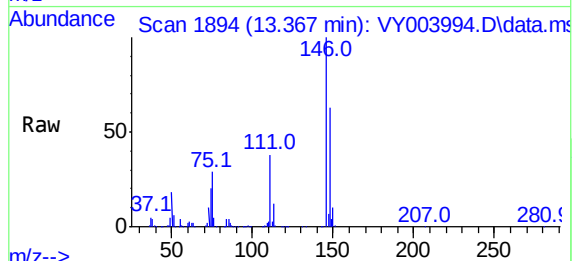




#64
1,3-Dichlorobenzene
Concen: 25.98 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

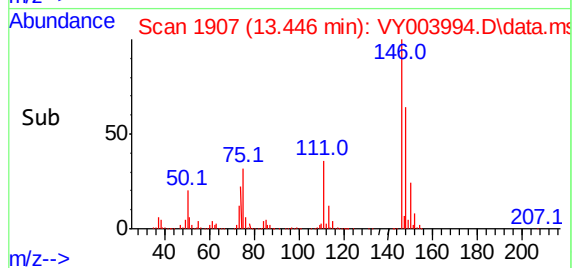
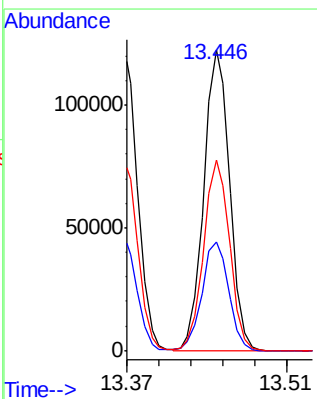
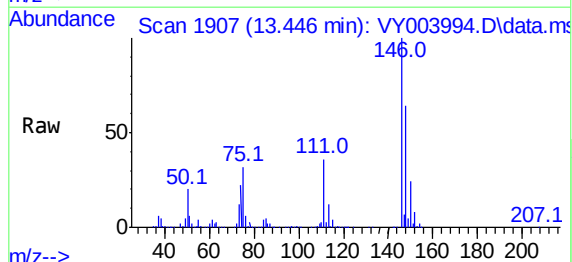
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

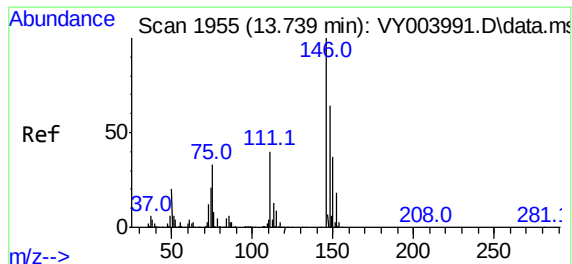
Tgt Ion:146 Resp: 193839
Ion Ratio Lower Upper
146 100
111 38.1 26.6 49.4
148 62.5 46.3 86.1



#65
1,4-Dichlorobenzene
Concen: 25.15 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:146 Resp: 187787
Ion Ratio Lower Upper
146 100
111 36.1 24.7 45.9
148 63.6 43.4 80.6

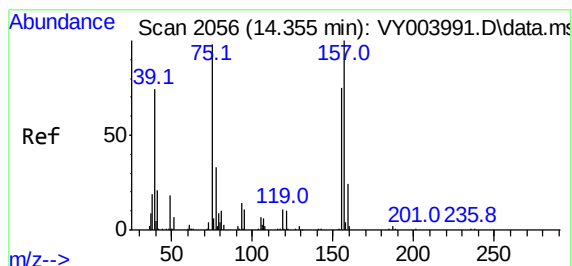
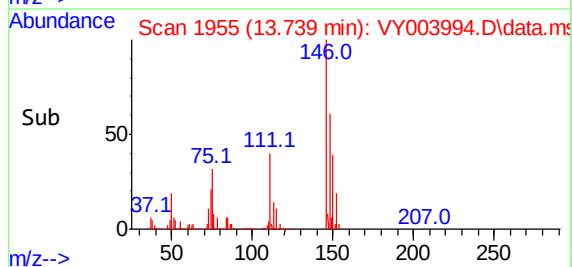
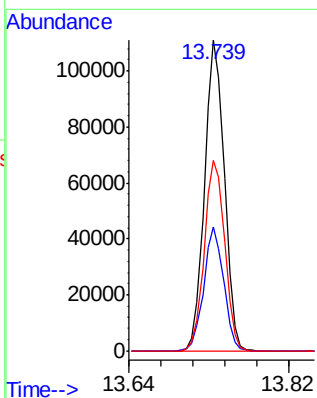
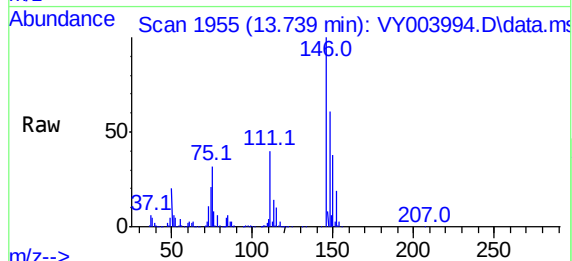




#67
1,2-Dichlorobenzene
Concen: 24.64 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

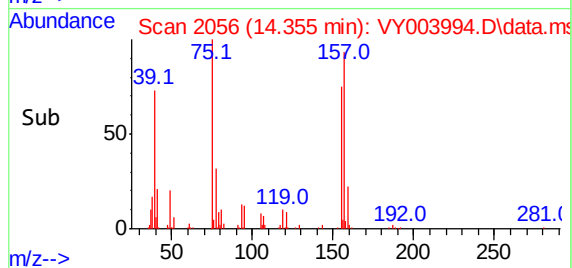
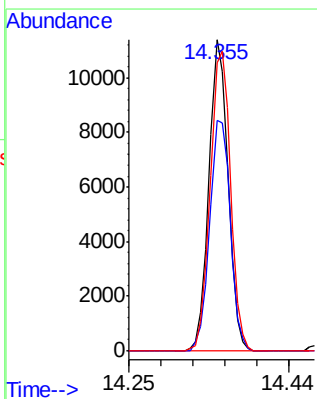
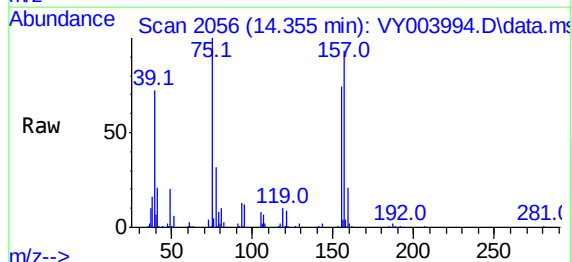
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

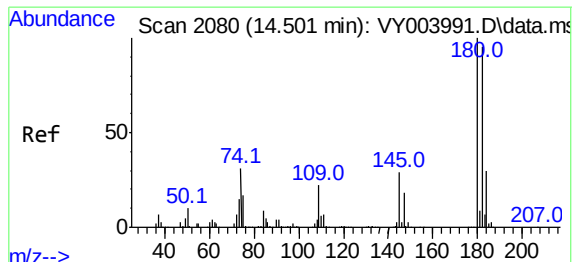
Tgt Ion:146 Resp: 170900
Ion Ratio Lower Upper
146 100
111 39.8 31.0 46.6
148 61.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 24.63 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion: 75 Resp: 17139
Ion Ratio Lower Upper
75 100
155 74.1 73.4 110.0
157 92.5 98.1 147.1#

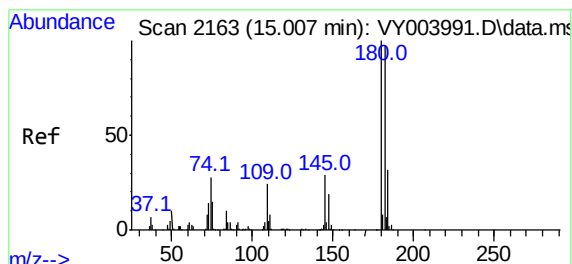
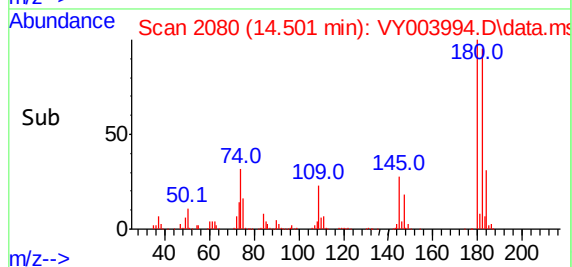
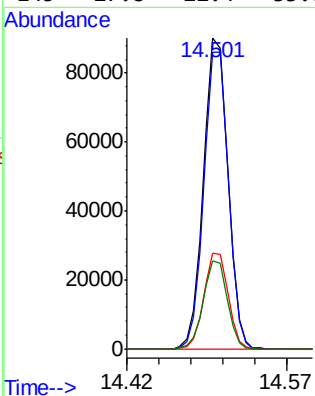
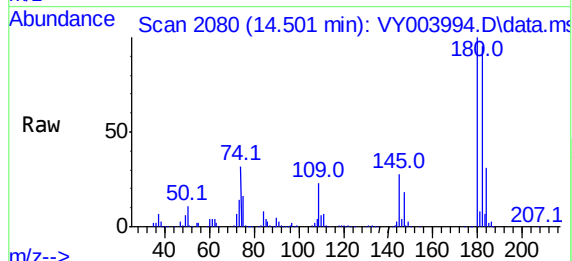




#69
1,3,5-Trichlorobenzene
Concen: 25.69 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

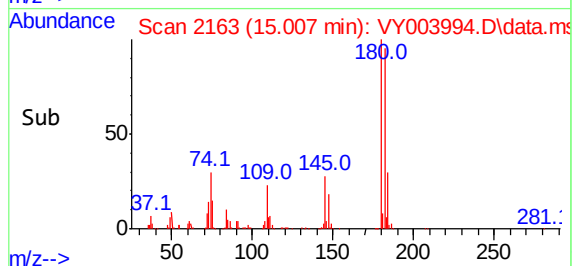
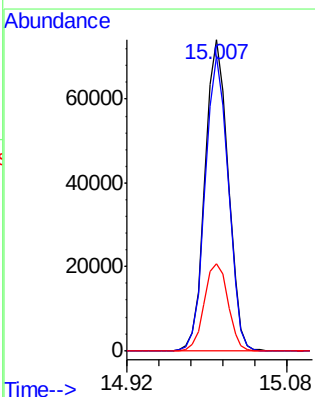
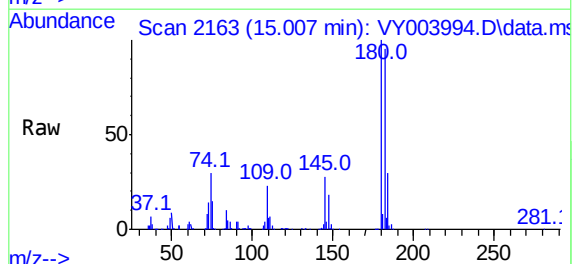
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

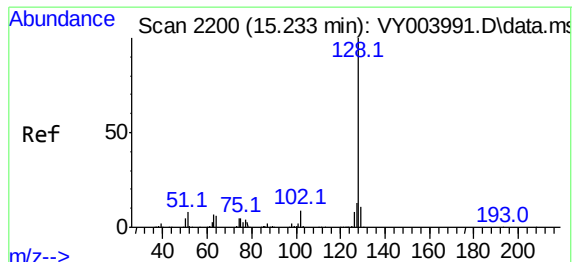
Tgt Ion:180 Resp: 139729
Ion Ratio Lower Upper
180 100
182 95.7 75.4 113.0
184 30.3 24.1 36.1
145 27.8 22.4 33.6



#70
1,2,4-trichlorobenzene
Concen: 25.72 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:180 Resp: 115998
Ion Ratio Lower Upper
180 100
182 94.6 76.1 114.1
145 28.5 22.8 34.2

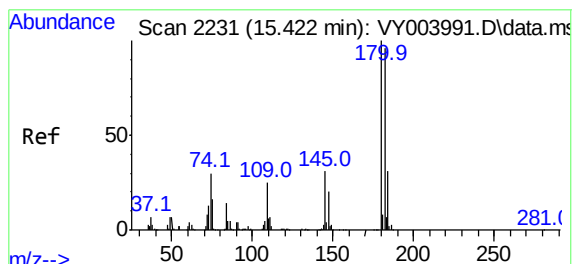
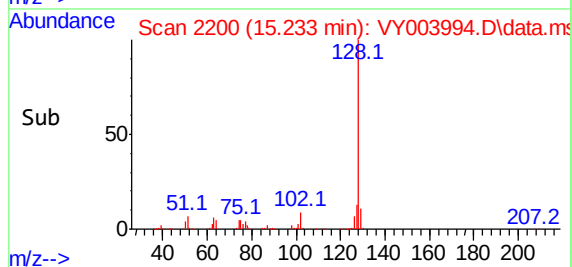
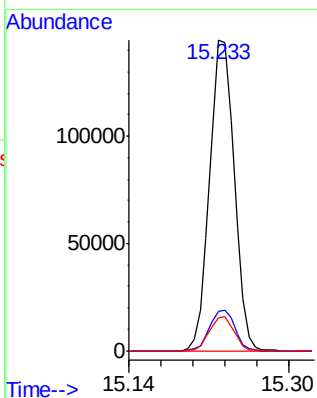
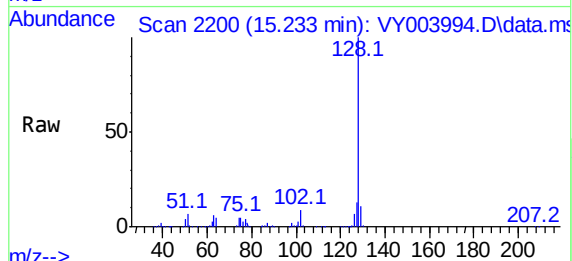




#71
Naphthalene
Concen: 25.73 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025511

Tgt Ion:128 Resp: 242572
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 26.06 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY003994.D
Acq: 08 Feb 2021 13:11

Tgt Ion:180 Resp: 102198
Ion Ratio Lower Upper
180 100
182 95.3 76.2 114.4
145 31.0 23.6 35.4

