

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020821\
 Data File : VY003991.D
 Acq On : 08 Feb 2021 10:35
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025510

Quant Time: Feb 09 02:35:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 03:42:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	226503	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.490	117	214856	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	112747	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	104710	22.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	91.68%		
7) Chloroethane-d5	2.772	69	82460	23.64	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.56%		
11) 1,1-Dichloroethene-d2	3.863	63	175578	24.04	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.16%		
21) 2-Butanone-d5	6.905	46	71397	49.51	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	99.02%		
24) Chloroform-d	7.490	84	158764	23.71	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.84%		
26) 1,2-Dichloroethane-d4	8.149	65	101632	25.08	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	100.32%		
32) Benzene-d6	8.118	84	307818	23.66	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.64%		
36) 1,2-Dichloropropane-d6	9.130	67	90437	22.48	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	89.92%		
41) Toluene-d8	10.185	98	287865	23.21	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.84%		
43) trans-1,3-Dichloroprop...	10.441	79	50265	24.22	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	96.88%		
47) 2-Hexanone-d5	10.788	63	53981	50.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	101.36%		
56) 1,1,2,2-Tetrachloroeth...	12.563	84	83718	22.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.92%		
66) 1,2-Dichlorobenzene-d4	13.721	152	102966	23.70	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.80%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	100564	22.91	ug/L	100
3) Chloromethane	2.119	50	111526	22.48	ug/L	100
5) Vinyl chloride	2.260	62	119207	24.88	ug/L	99
6) Bromomethane	2.662	94	73406	25.83	ug/L	99
8) Chloroethane	2.808	64	72232	24.03	ug/L	98
9) Trichlorofluoromethane	3.137	101	154682	26.46	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.918	101	79707	24.03	ug/L	99
12) 1,1-Dichloroethene	3.887	96	77894	24.33	ug/L #	71
13) Acetone	3.960	43	51909	47.27	ug/L	93
14) Carbon disulfide	4.210	76	276402	25.12	ug/L	100
15) Methyl Acetate	4.491	43	61509	23.96	ug/L	98
16) Methylene chloride	4.729	84	87411	21.97	ug/L	97
17) trans-1,2-Dichloroethene	5.235	96	82613	24.49	ug/L	86
18) Methyl tert-butyl Ether	5.235	73	236630	24.86	ug/L #	95
19) 1,1-Dichloroethane	6.033	63	151173	24.13	ug/L	99
20) cis-1,2-Dichloroethene	6.996	96	88263	24.93	ug/L	93
22) 2-Butanone	7.003	43	81247	48.68	ug/L	95
23) Bromochloromethane	7.350	128	41003	24.14	ug/L	98
25) Chloroform	7.515	83	152739	24.16	ug/L	100
27) 1,2-Dichloroethane	8.246	62	121680	25.72	ug/L	97

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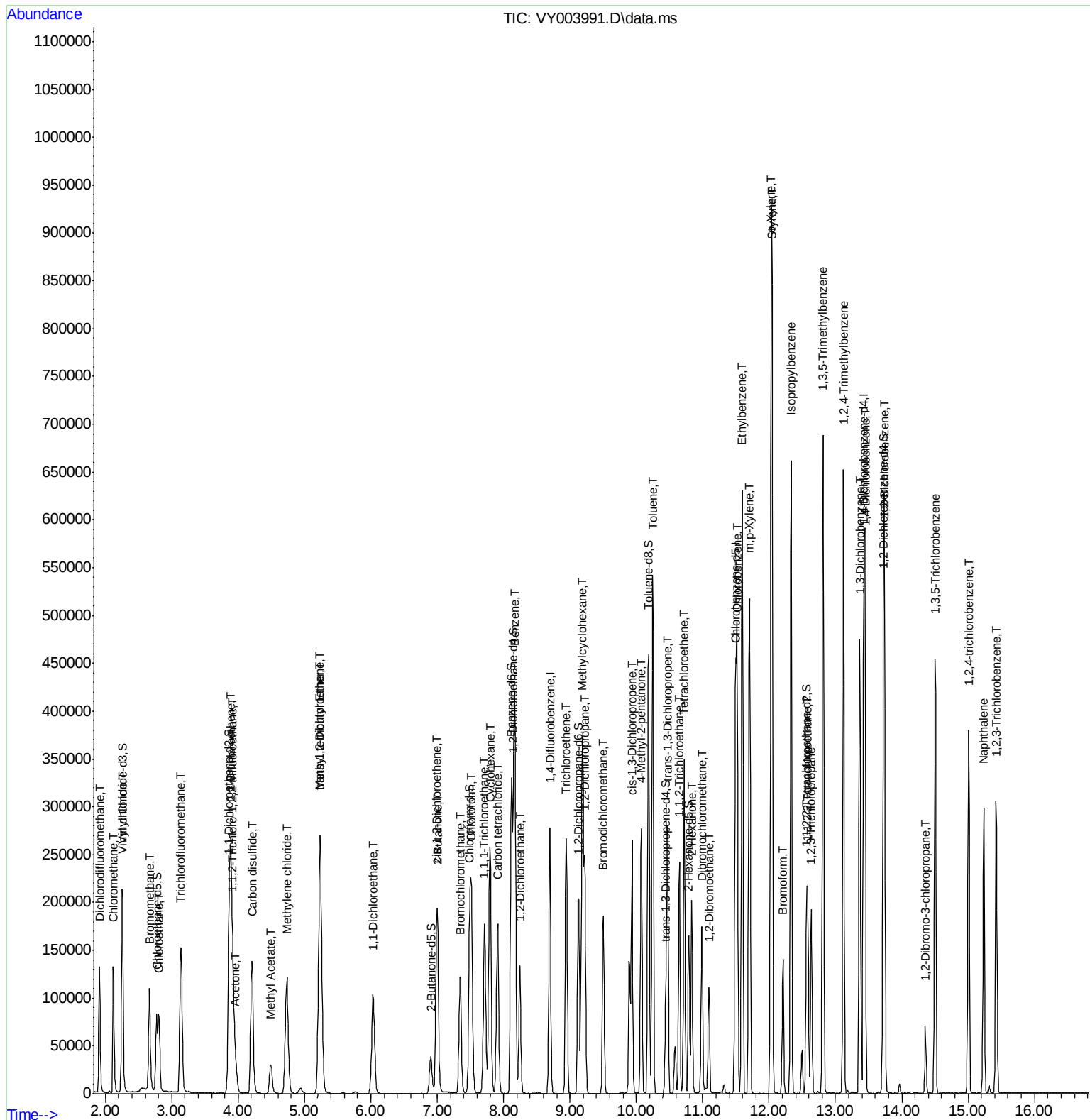
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.795	56	145112	23.91	ug/L	97
30) 1,1,1-Trichloroethane	7.710	97	143917	25.07	ug/L	98
31) Carbon tetrachloride	7.911	117	128106	24.94	ug/L	98
33) Benzene	8.167	78	339723	24.67	ug/L	100
34) Trichloroethene	8.941	95	87739	23.94	ug/L	93
35) Methylcyclohexane	9.185	83	148524	24.36	ug/L	94
37) 1,2-Dichloropropane	9.222	63	83911	22.79	ug/L	99
38) Bromodichloromethane	9.502	83	116828	24.09	ug/L	97
39) cis-1,3-Dichloropropene	9.935	75	143130	24.79	ug/L	96
40) 4-Methyl-2-pentanone	10.075	43	174852	48.71	ug/L	97
42) Toluene	10.246	91	369600	24.60	ug/L	99
44) trans-1,3-Dichloropropene	10.465	75	136981	25.49	ug/L	96
45) 1,1,2-Trichloroethane	10.648	97	68169	24.39	ug/L	98
46) Tetrachloroethene	10.721	164	73688	24.33	ug/L	97
48) 2-Hexanone	10.837	43	129609	50.35	ug/L	96
49) Dibromochloromethane	10.984	129	83007	23.95	ug/L	98
50) 1,2-Dibromoethane	11.093	107	66865	24.38	ug/L #	97
51) Chlorobenzene	11.520	112	228026	24.20	ug/L	96
52) Ethylbenzene	11.593	91	409728	24.41	ug/L	96
53) m,p-Xylene	11.703	106	154733	24.65	ug/L	92
54) o-Xylene	12.032	106	154000	25.64	ug/L	87
55) Styrene	12.044	104	274151	26.30	ug/L	88
57) 1,1,2,2-Tetrachloroethane	12.581	83	82025	22.76	ug/L	98
59) Bromoform	12.209	173	58794	24.99	ug/L #	97
60) Isopropylbenzene	12.331	105	398116	24.71	ug/L	98
61) 1,2,3-Trichloropropane	12.636	75	70460	24.77	ug/L	98
62) 1,3,5-Trimethylbenzene	12.813	105	339805	24.83	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	337735	25.07	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	185492	24.91	ug/L	99
65) 1,4-Dichlorobenzene	13.447	146	186873	25.08	ug/L	99
67) 1,2-Dichlorobenzene	13.739	146	168897	24.40	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.355	75	17690	25.47	ug/L	83
69) 1,3,5-Trichlorobenzene	14.501	180	137659	25.36	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	113948	25.32	ug/L	99
71) Naphthalene	15.233	128	238313	25.33	ug/L	99
72) 1,2,3-Trichlorobenzene	15.422	180	98704	25.22	ug/L	99

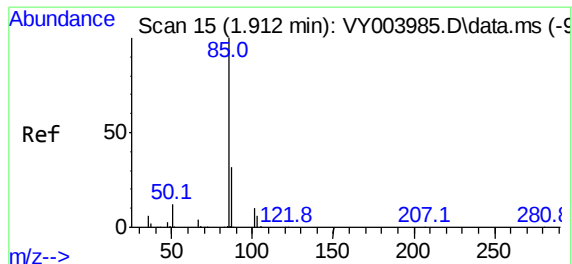
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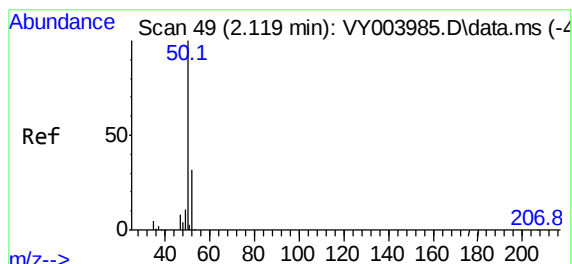
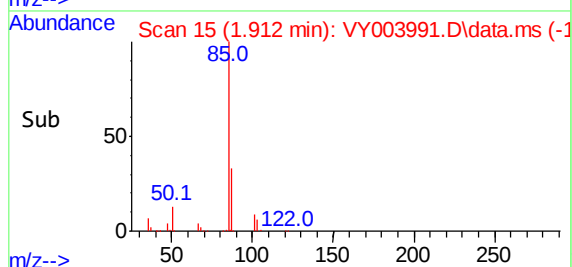
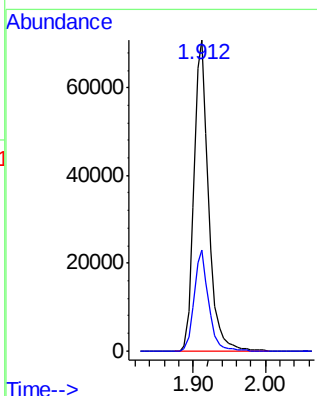
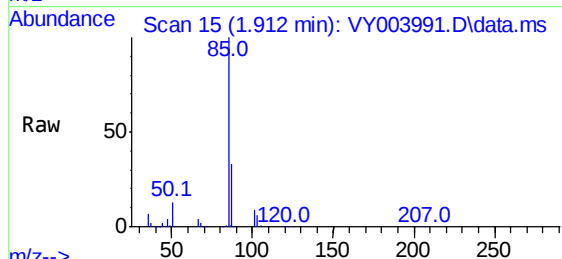




#2
Dichlorodifluoromethane
Concen: 22.91 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

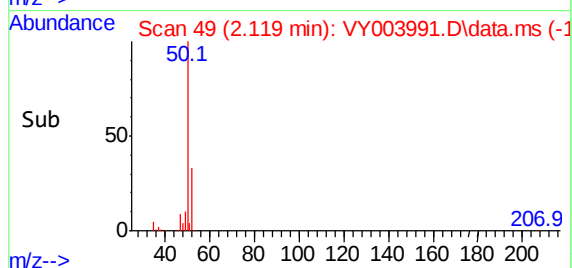
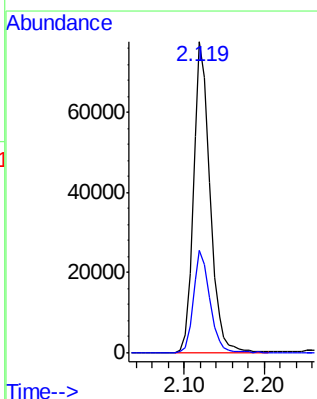
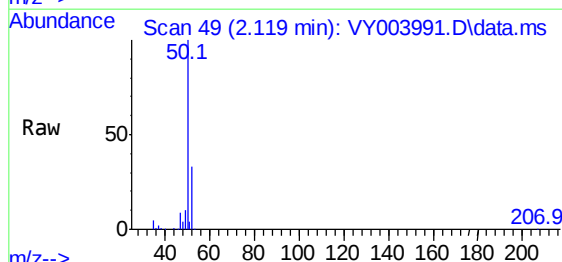
Instrument :
MSVOA_Y
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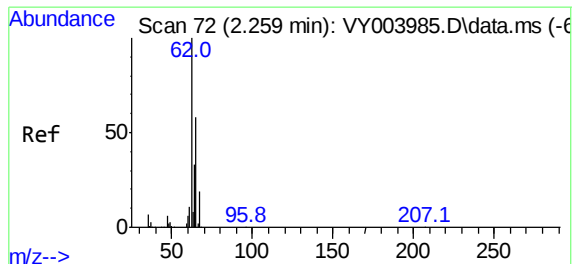
Tgt Ion: 85 Resp: 100564
Ion Ratio Lower Upper
85 100
87 32.0 25.4 38.2



#3
Chloromethane
Concen: 22.48 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 50 Resp: 111526
Ion Ratio Lower Upper
50 100
52 32.7 22.7 42.3

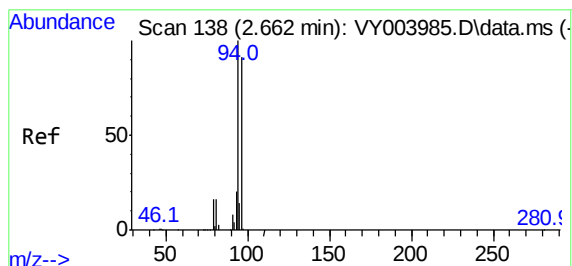
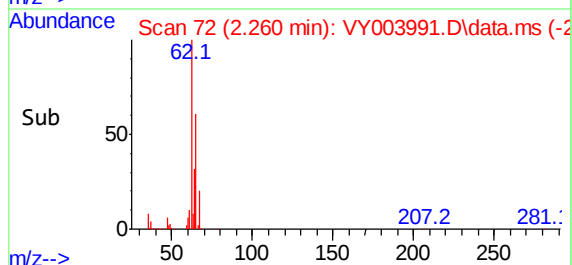
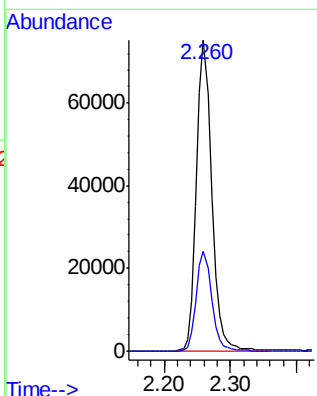
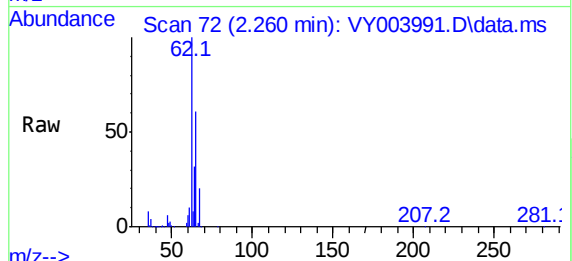




#5
 Vinyl chloride
 Concen: 24.88 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY003991.D
 Acq: 08 Feb 2021 10:35

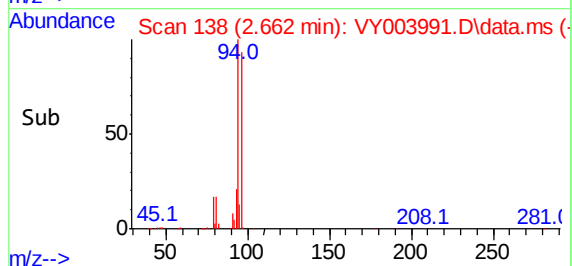
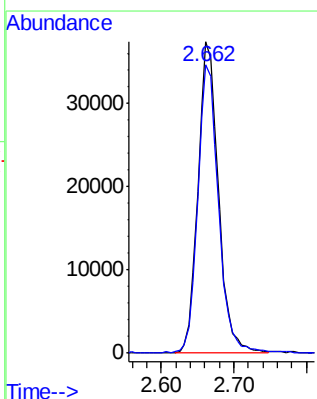
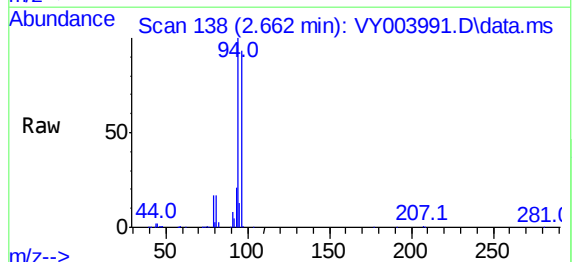
Instrument :
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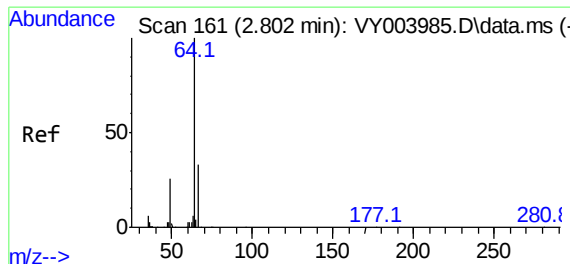
Tgt Ion: 62 Resp: 119207
 Ion Ratio Lower Upper
 62 100
 64 32.0 21.9 40.7



#6
 Bromomethane
 Concen: 25.83 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VY003991.D
 Acq: 08 Feb 2021 10:35

Tgt Ion: 94 Resp: 73406
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.2 121.0

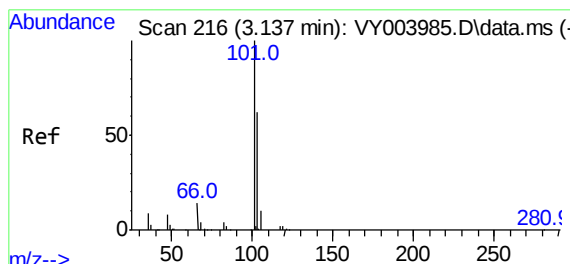
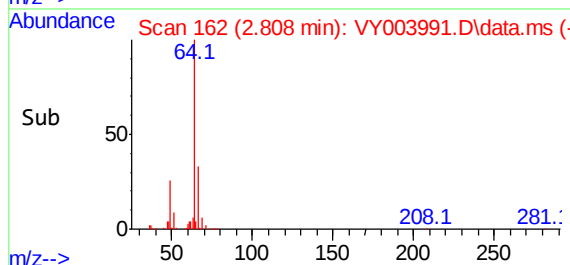
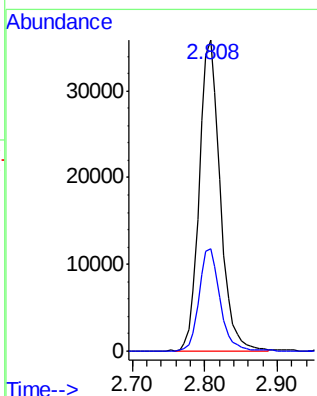
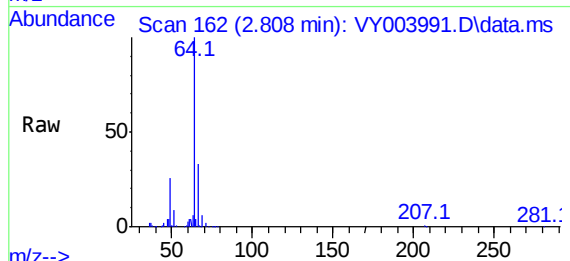




#8
Chloroethane
Concen: 24.03 ug/L
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

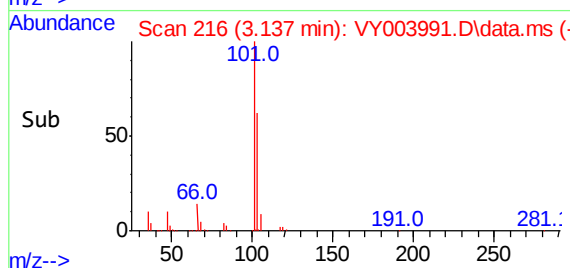
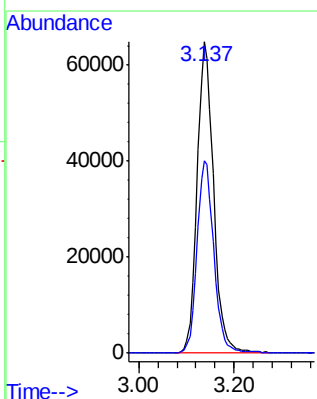
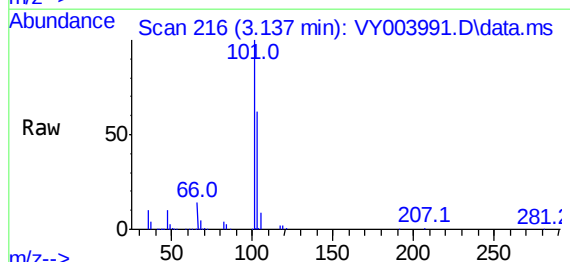
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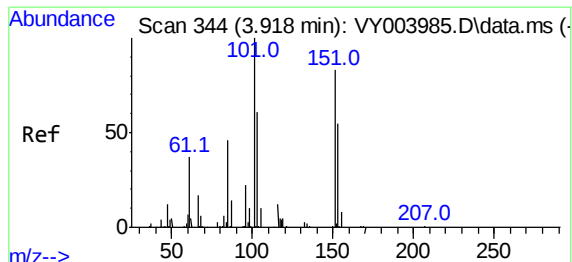
Tgt Ion: 64 Resp: 72232
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 26.46 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:101 Resp: 154682
Ion Ratio Lower Upper
101 100
103 62.8 51.9 77.9

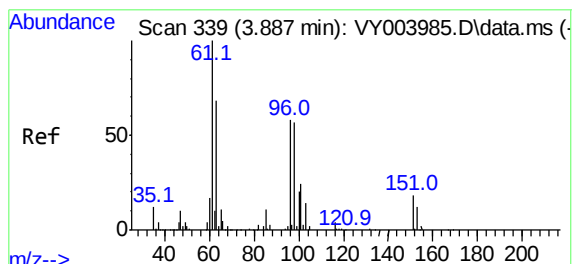
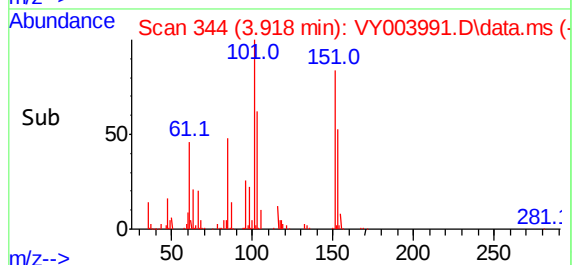
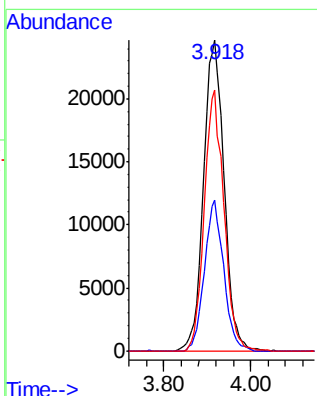
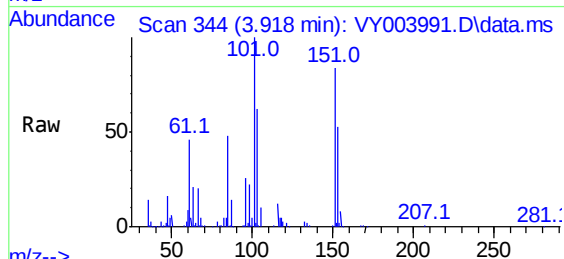




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.03 ug/L
 RT: 3.918 min Scan# 344
 Delta R.T. 0.000 min
 Lab File: VY003991.D
 Acq: 08 Feb 2021 10:35

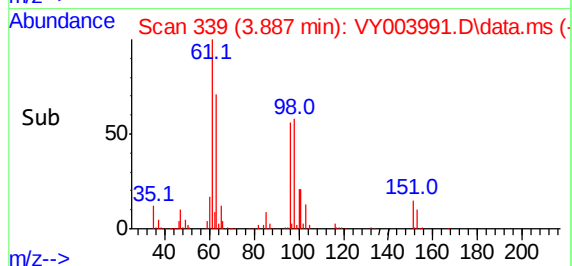
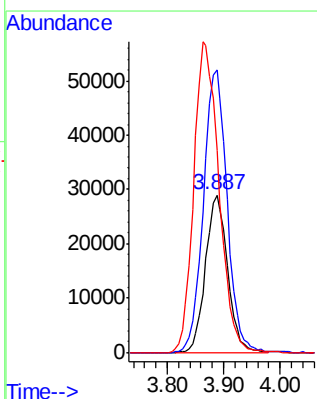
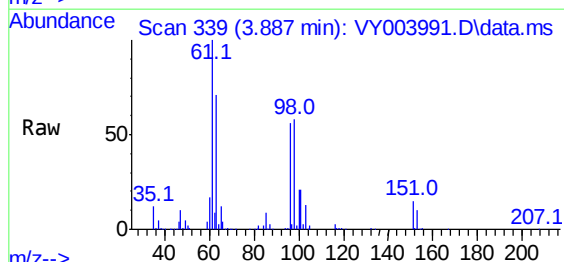
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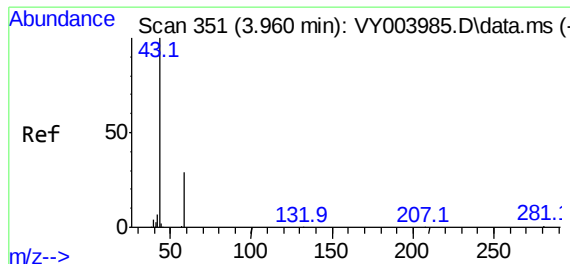
Tgt Ion:	101	Resp:	79707
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.6	53.4
151	80.1	64.2	96.2



#12
 1,1-Dichloroethene
 Concen: 24.33 ug/L
 RT: 3.887 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VY003991.D
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Tgt Ion:	96	Resp:	77894
Ion	Ratio	Lower	Upper
96	100		
61	179.6	106.1	197.1
63	128.2	62.9	116.9#

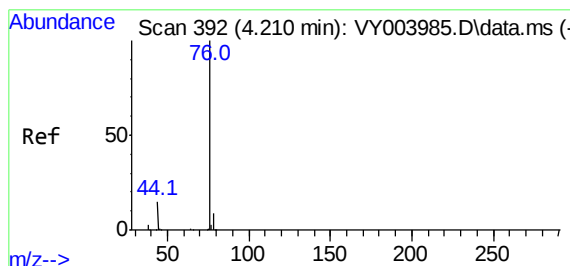
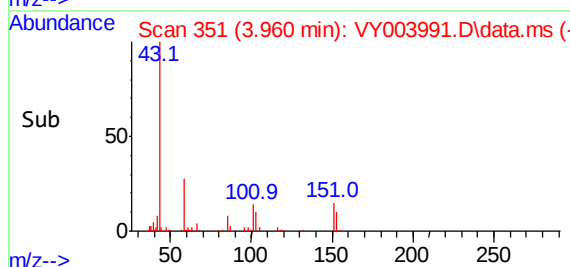
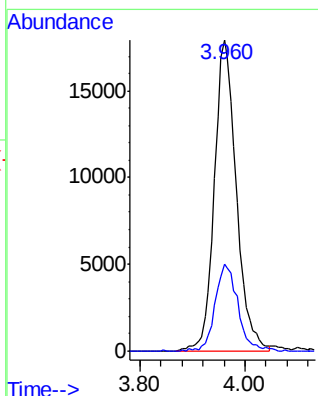
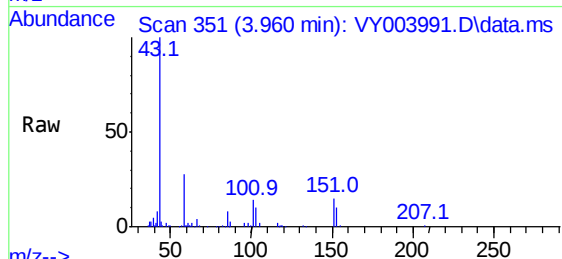




#13
Acetone
Concen: 47.27 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
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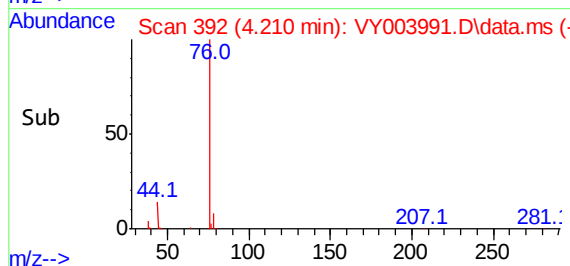
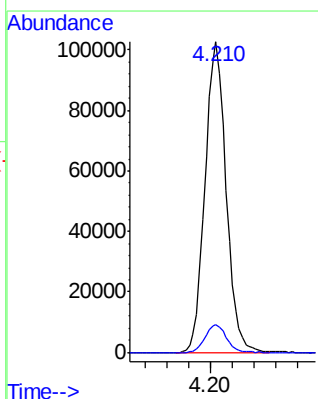
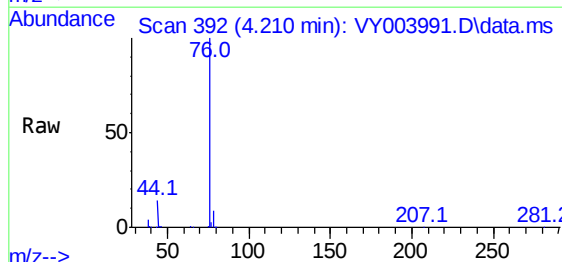
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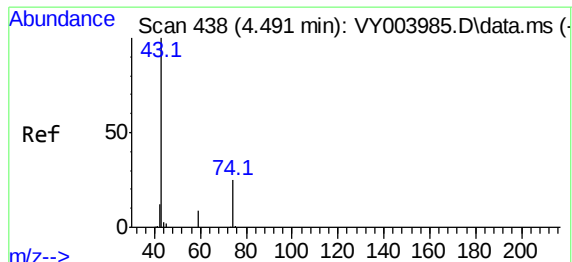
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Ion Ratio Lower Upper
43 100
58 27.2 0.0 61.6



#14
Carbon disulfide
Concen: 25.12 ug/L
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 276402
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

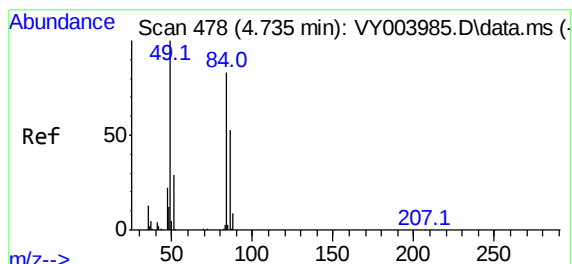
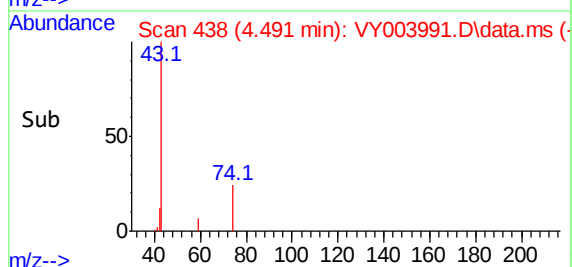
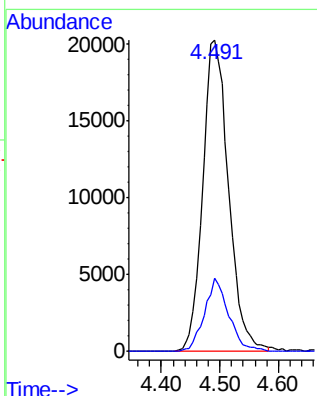
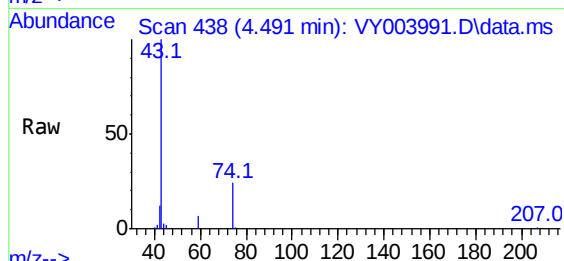




#15
Methyl Acetate
Concen: 23.96 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

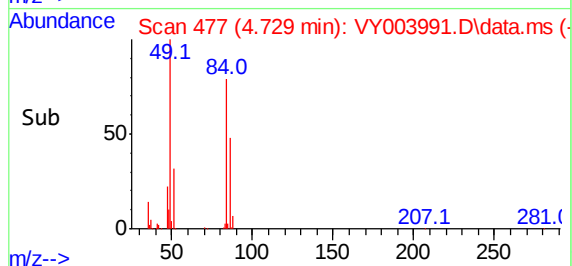
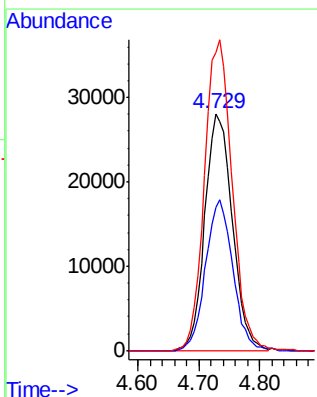
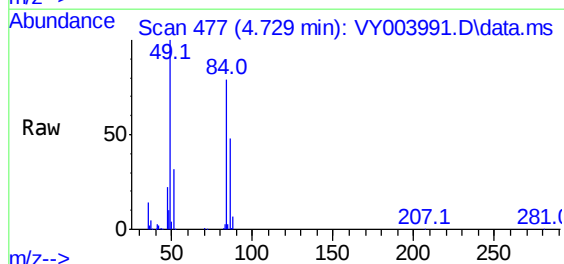
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

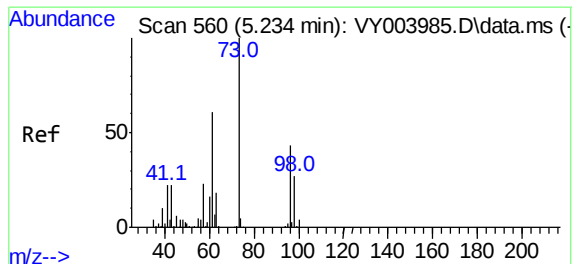
Tgt Ion: 43 Resp: 61509
Ion Ratio Lower Upper
43 100
74 21.6 18.2 27.2



#16
Methylene chloride
Concen: 21.97 ug/L
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 84 Resp: 87411
Ion Ratio Lower Upper
84 100
86 60.7 43.3 80.3
49 126.0 85.3 158.5

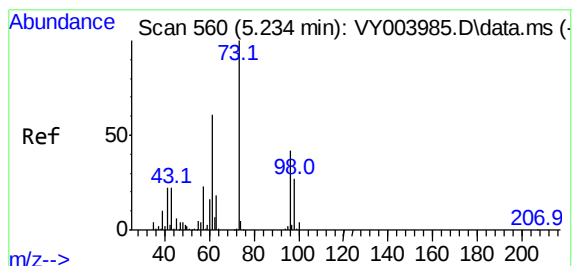
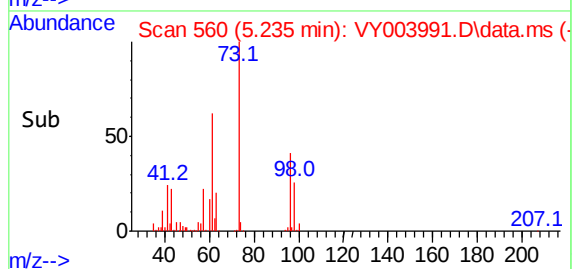
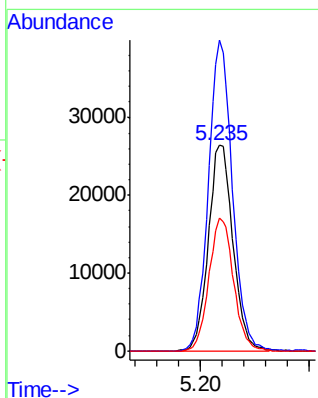
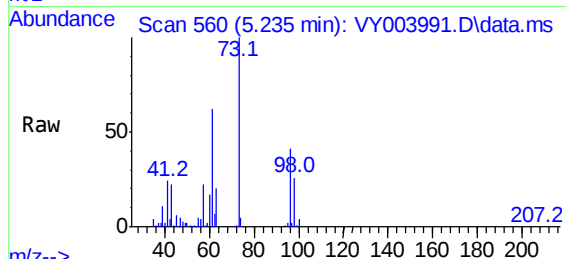




#17
trans-1,2-Dichloroethene
Concen: 24.49 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

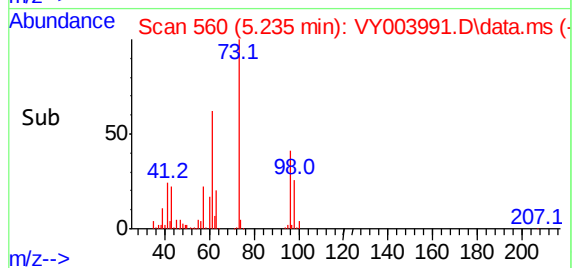
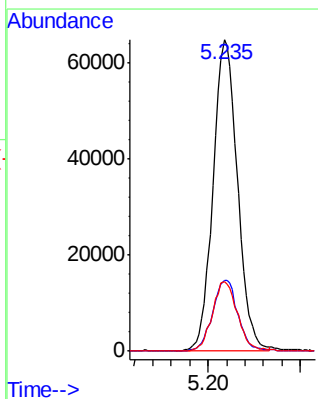
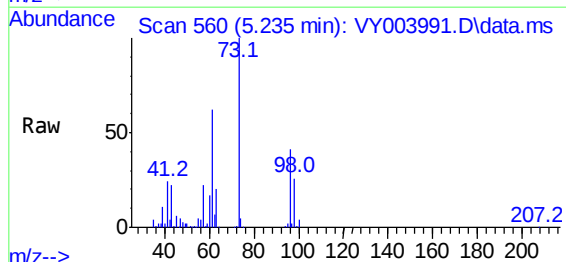
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

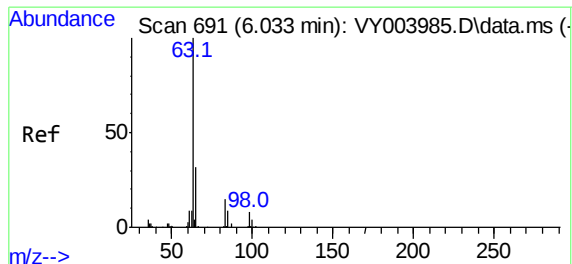
Tgt Ion: 96 Resp: 82613
Ion Ratio Lower Upper
96 100
61 151.4 89.5 166.1
98 64.7 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 24.86 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 73 Resp: 236630
Ion Ratio Lower Upper
73 100
43 23.2 15.2 22.8#
57 22.3 18.1 27.1



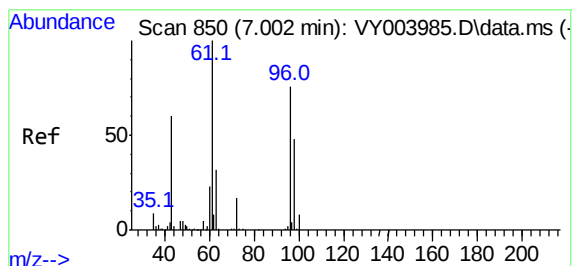
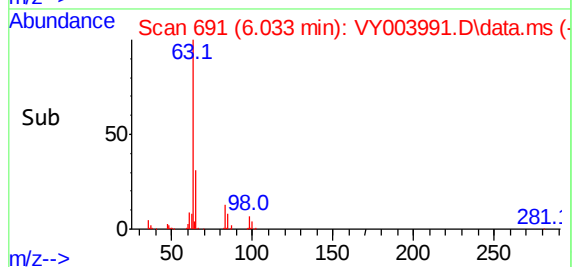
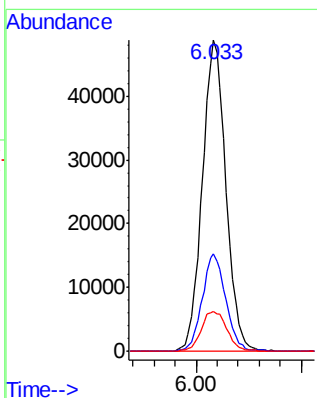
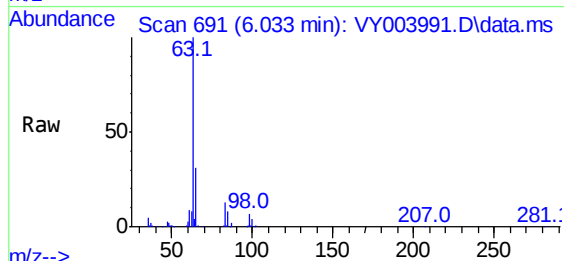


#19
1,1-Dichloroethane
Concen: 24.13 ug/L
RT: 6.033 min Scan# 691
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

Tgt Ion: 63 Resp: 151173

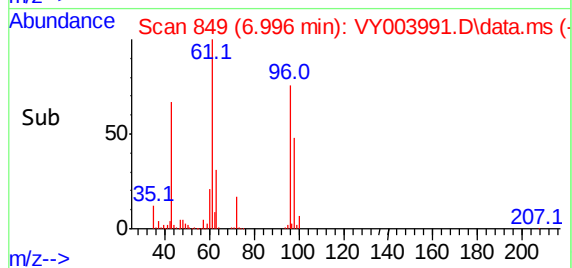
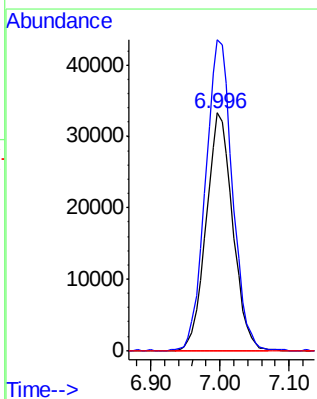
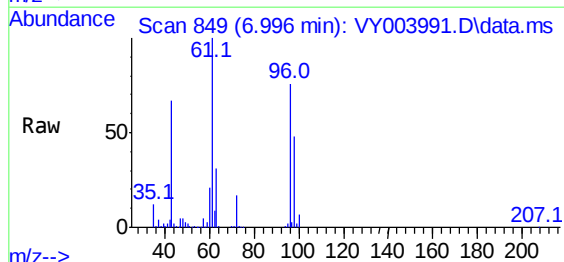
Ion	Ratio	Lower	Upper
63	100		
65	31.3	21.9	40.7
83	12.7	9.5	17.7

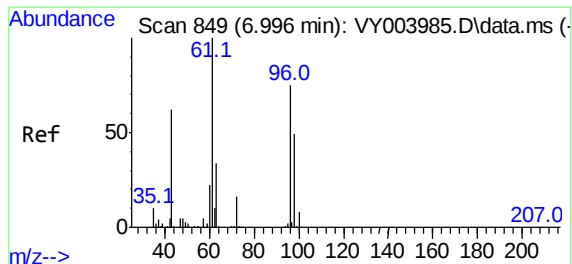


#20
cis-1,2-Dichloroethene
Concen: 24.93 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 96 Resp: 88263

Ion	Ratio	Lower	Upper
96	100		
61	131.0	85.8	159.4
68	0.0	0.0	0.0

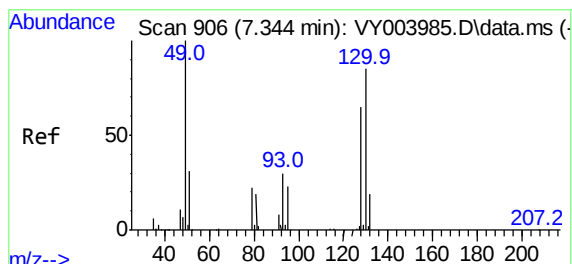
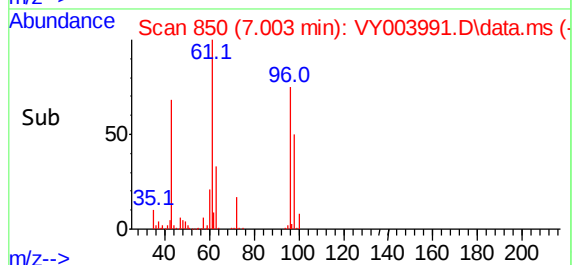
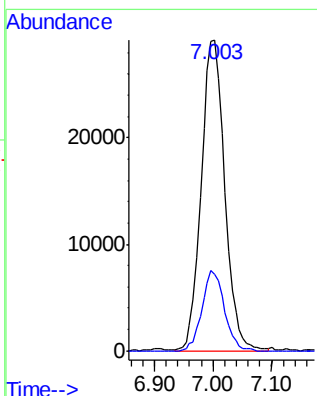
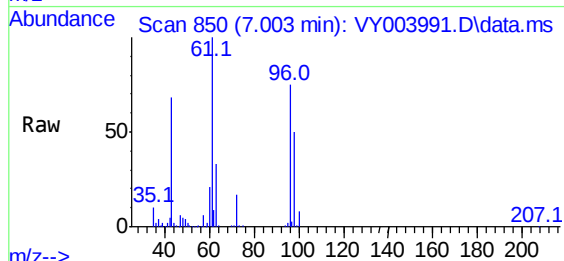




#22
2-Butanone
Concen: 48.68 ug/L
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

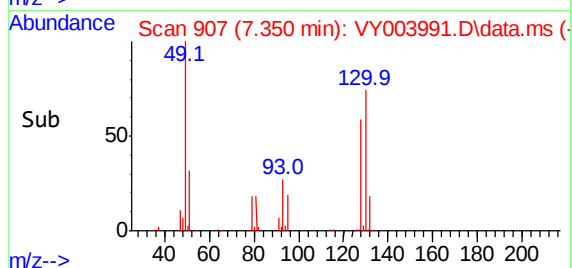
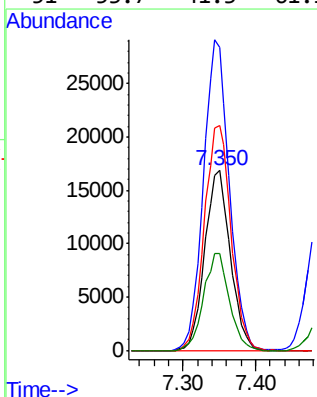
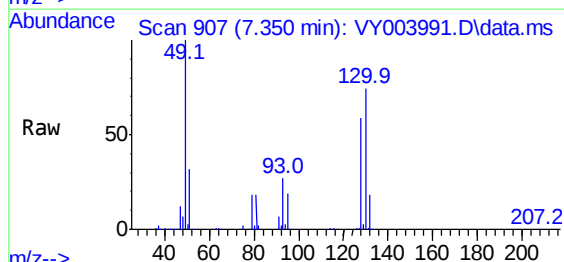
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

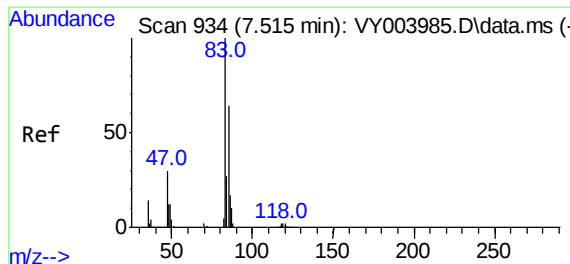
Tgt Ion: 43 Resp: 81247
Ion Ratio Lower Upper
43 100
72 24.5 13.5 40.5



#23
Bromochloromethane
Concen: 24.14 ug/L
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:128 Resp: 41003
Ion Ratio Lower Upper
128 100
49 168.7 118.1 219.3
130 125.1 90.5 168.1
51 53.7 41.3 61.9

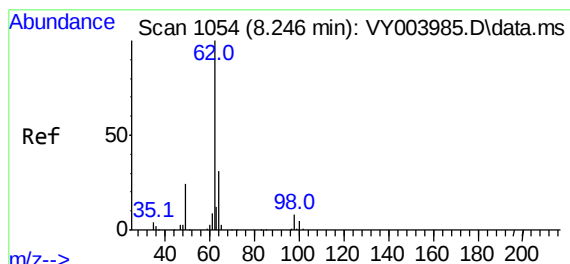
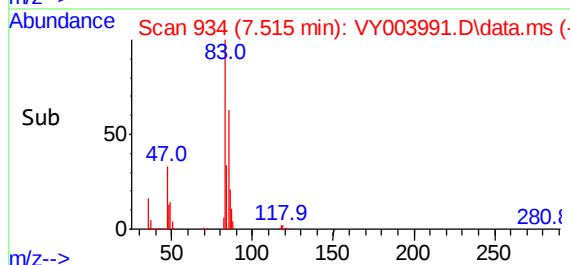
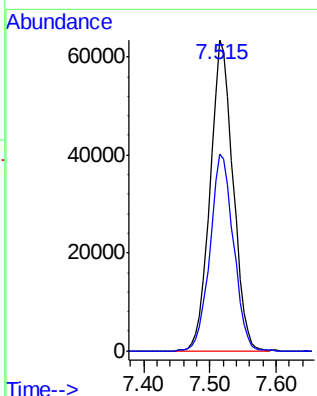
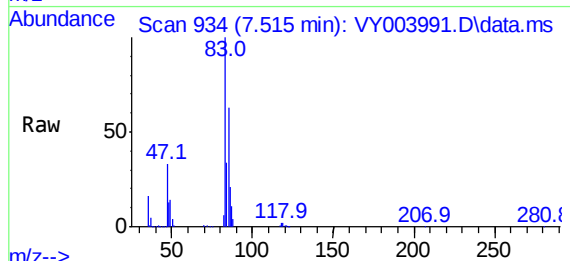




#25
Chloroform
Concen: 24.16 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

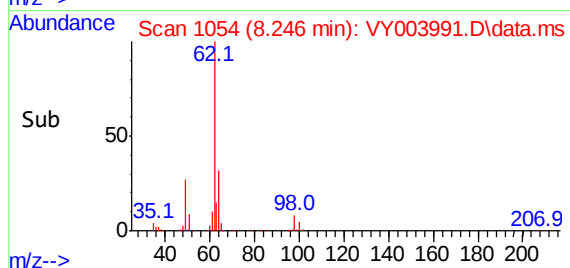
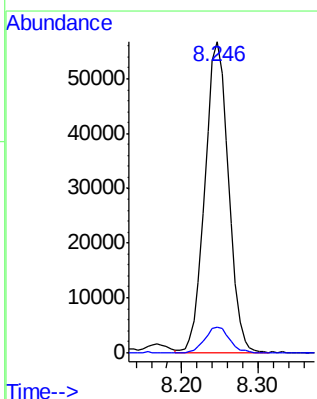
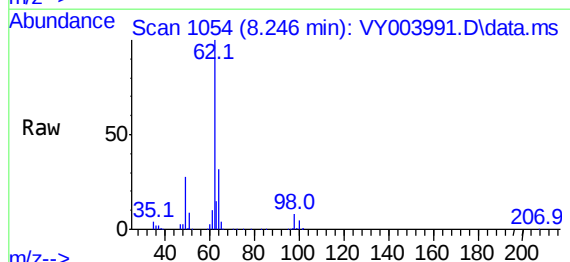
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

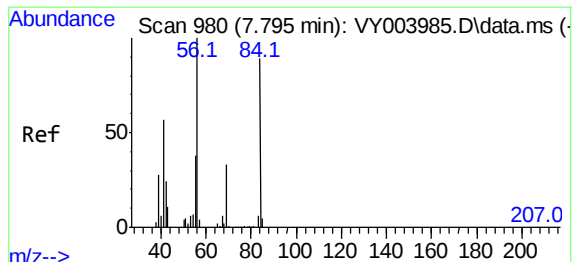
Tgt Ion: 83 Resp: 152739
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 25.72 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 62 Resp: 121680
Ion Ratio Lower Upper
62 100
98 8.3 7.5 11.3





#29

Cyclohexane

Concen: 23.91 ug/L

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY003991.D

Acq: 08 Feb 2021 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025510

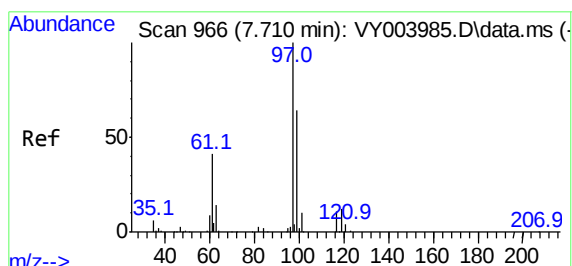
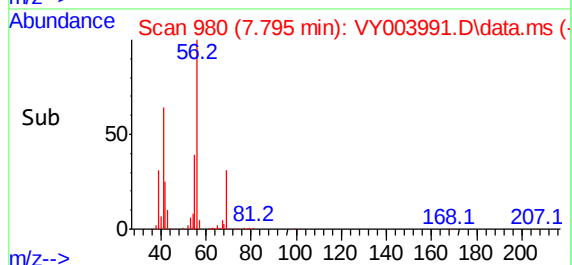
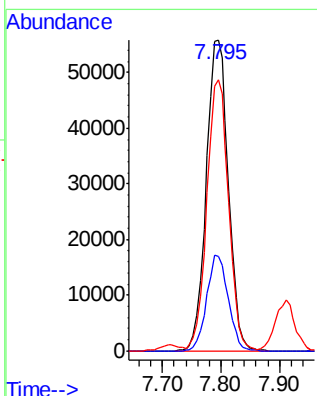
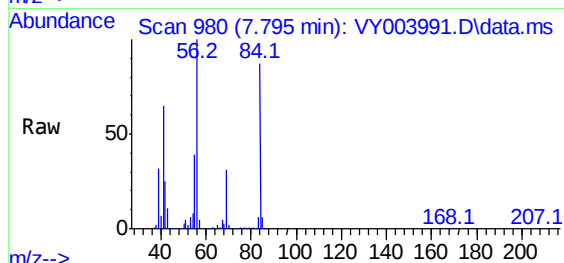
Tgt Ion: 56 Resp: 145112

Ion Ratio Lower Upper

56 100

69 30.1 23.9 35.9

84 86.1 71.9 107.9



#30

1,1,1-Trichloroethane

Concen: 25.07 ug/L

RT: 7.710 min Scan# 966

Delta R.T. 0.000 min

Lab File: VY003991.D

Acq: 08 Feb 2021 10:35

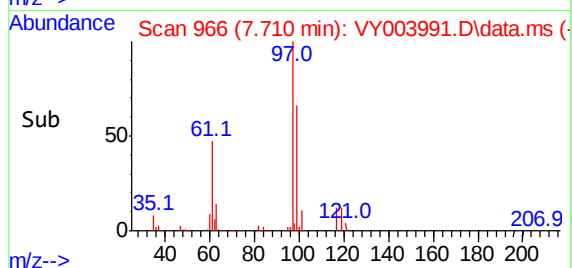
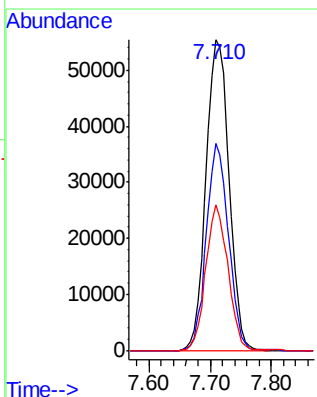
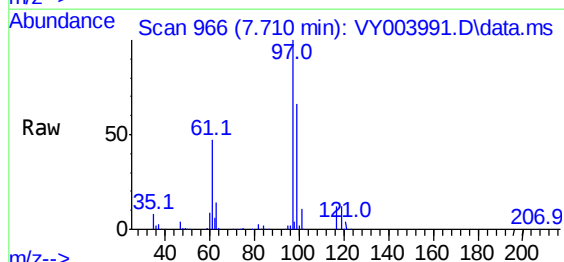
Tgt Ion: 97 Resp: 143917

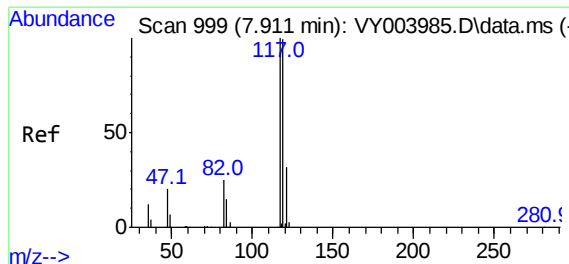
Ion Ratio Lower Upper

97 100

99 64.1 50.6 76.0

61 45.1 34.3 51.5

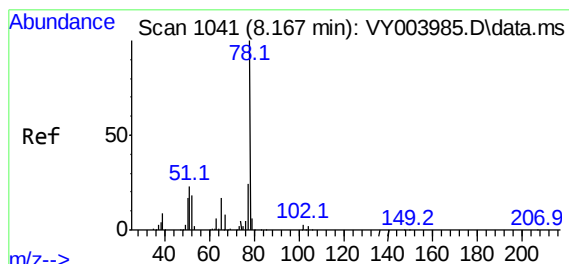
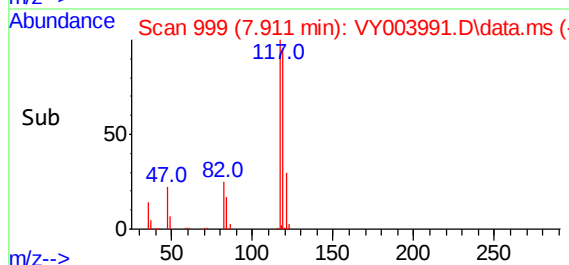
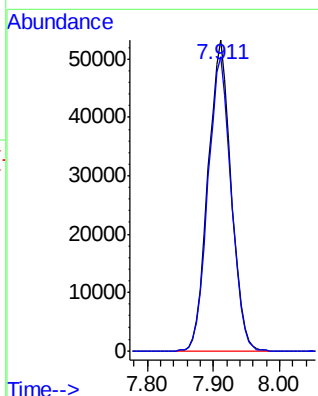
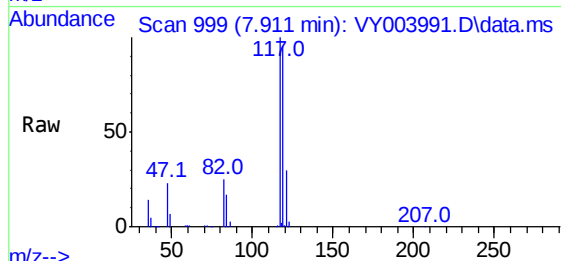




#31
Carbon tetrachloride
Concen: 24.94 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

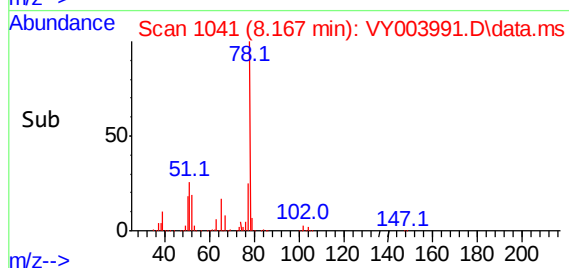
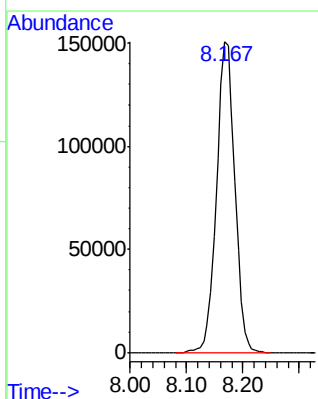
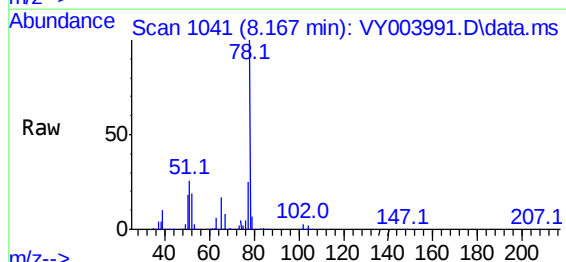
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

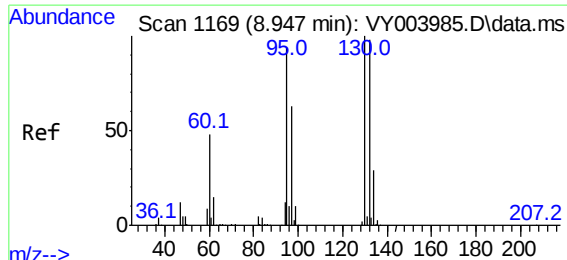
Tgt Ion:117 Resp: 128106
Ion Ratio Lower Upper
117 100
119 95.2 77.7 116.5



#33
Benzene
Concen: 24.67 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 78 Resp: 339723





#34

Trichloroethene

Concen: 23.94 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY003991.D

Acq: 08 Feb 2021 10:35

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025510

Tgt Ion: 95 Resp: 87739

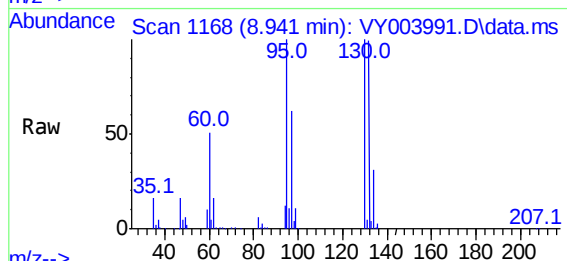
Ion Ratio Lower Upper

95 100

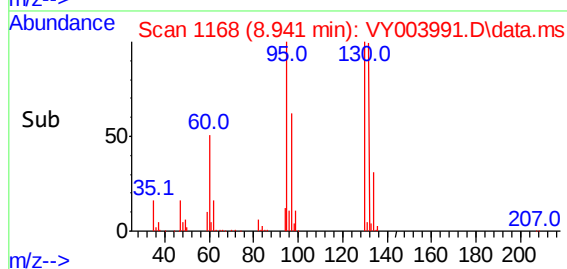
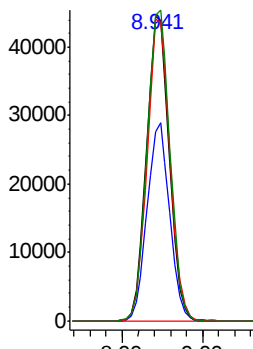
97 61.9 44.7 83.1

132 99.2 74.7 138.7

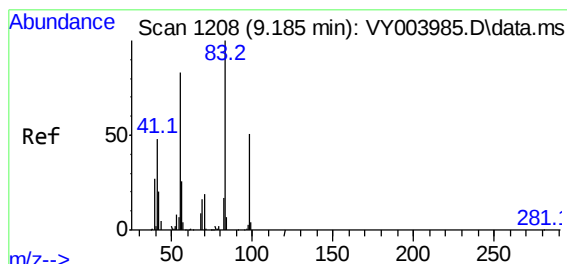
130 100.3 76.8 142.6



Abundance



Time-->



#35

Methylcyclohexane

Concen: 24.36 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY003991.D

Acq: 08 Feb 2021 10:35

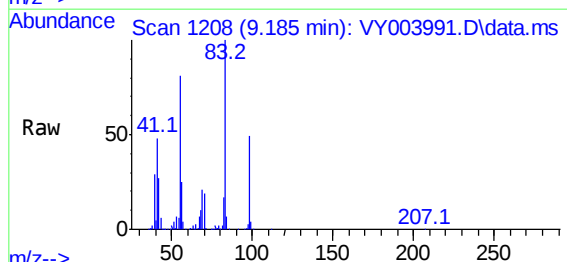
Tgt Ion: 83 Resp: 148524

Ion Ratio Lower Upper

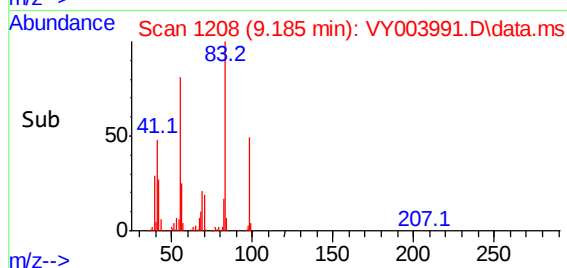
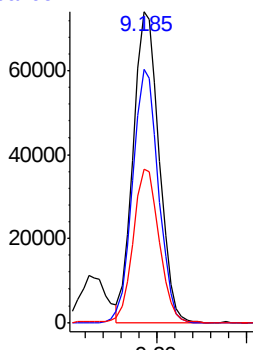
83 100

55 81.1 58.3 87.5

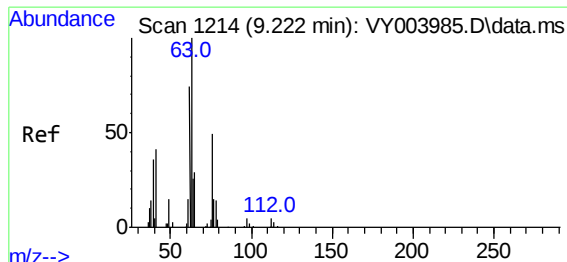
98 49.7 39.0 58.6



Abundance



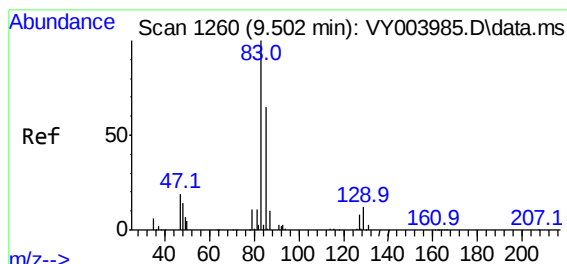
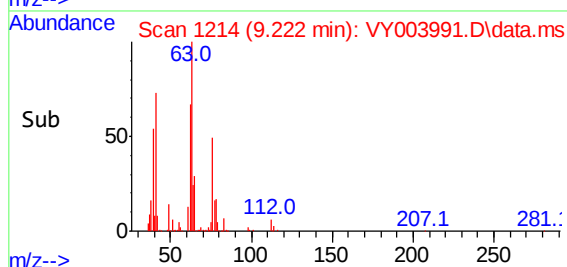
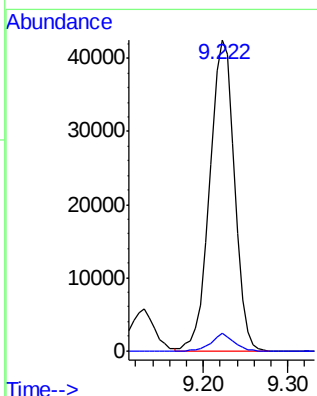
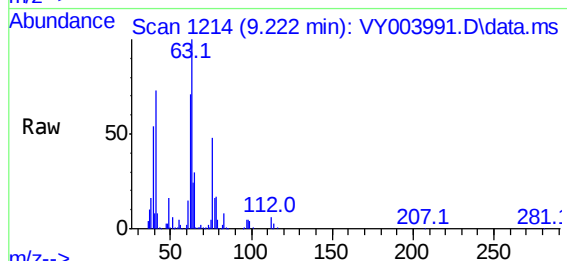
Time-->



#37
1,2-Dichloropropane
Concen: 22.79 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

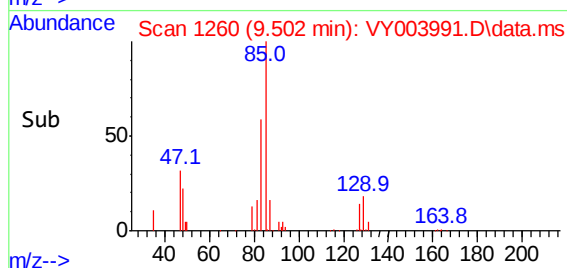
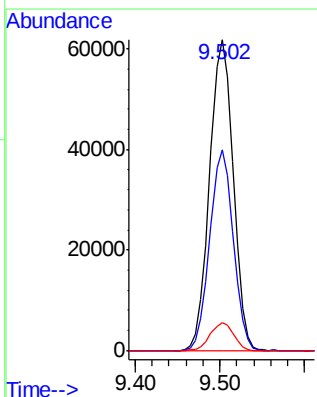
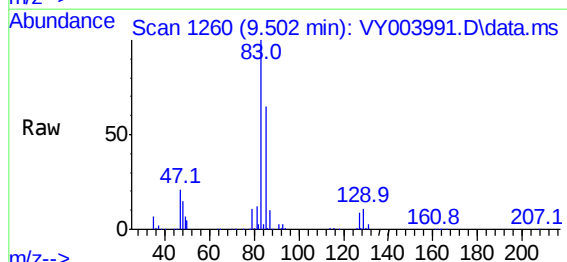
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

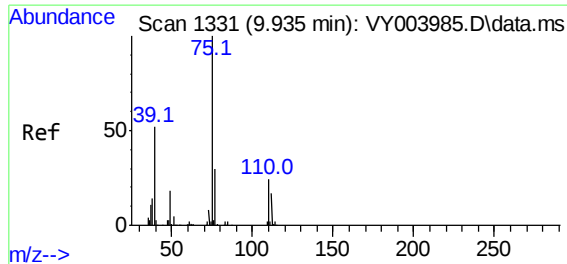
Tgt Ion: 63 Resp: 83911
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 24.09 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 83 Resp: 116828
Ion Ratio Lower Upper
83 100
85 64.6 43.1 80.1
127 8.9 7.1 10.7

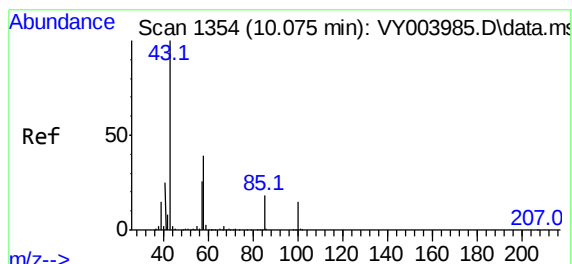
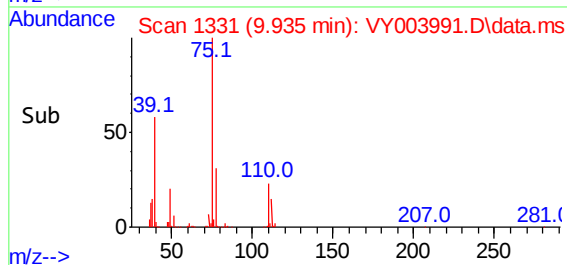
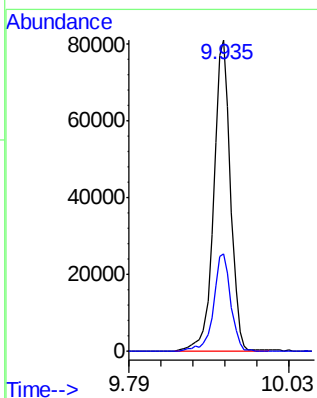
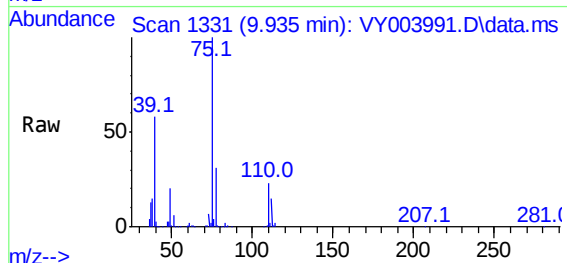




#39
cis-1,3-Dichloropropene
Concen: 24.79 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

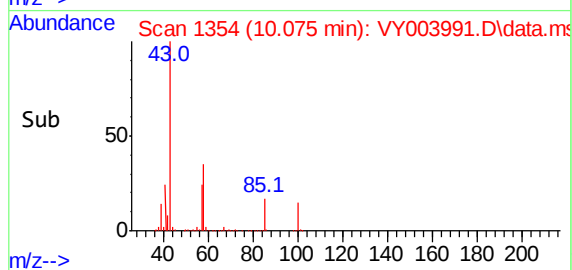
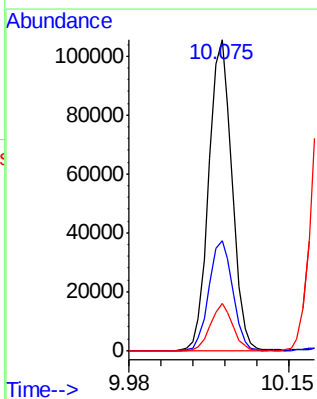
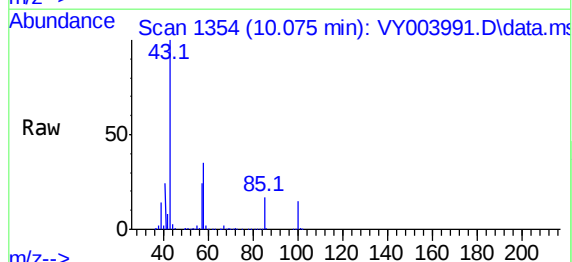
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

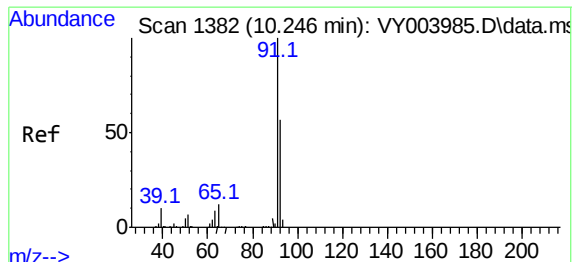
Tgt Ion: 75 Resp: 143130
Ion Ratio Lower Upper
75 100
77 31.4 23.5 43.7



#40
4-Methyl-2-pentanone
Concen: 48.71 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 43 Resp: 174852
Ion Ratio Lower Upper
43 100
58 36.3 30.7 46.1
100 14.4 12.1 18.1





#42

Toluene

Concen: 24.60 ug/L

RT: 10.246 min Scan# 1382

Delta R.T. 0.000 min

Lab File: VY003991.D

Acq: 08 Feb 2021 10:35

Instrument :

MSVOA_Y

ClientSampleId :

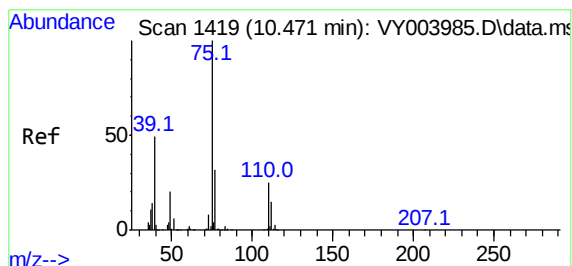
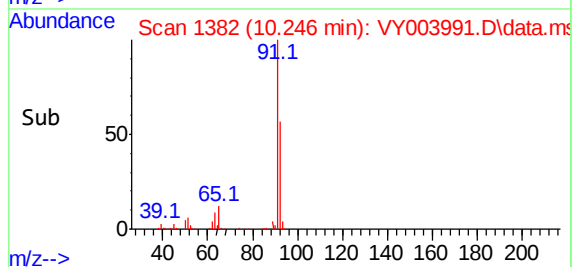
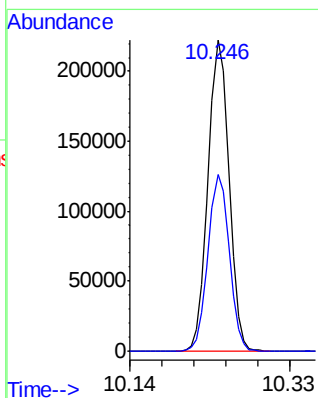
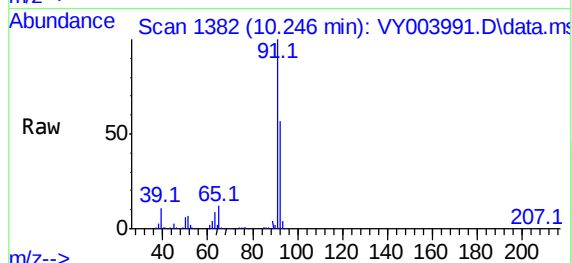
VSTD025510

Tgt Ion: 91 Resp: 369600

Ion Ratio Lower Upper

91 100

92 56.9 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 25.49 ug/L

RT: 10.465 min Scan# 1418

Delta R.T. -0.006 min

Lab File: VY003991.D

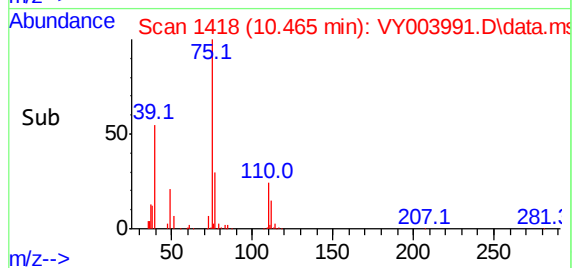
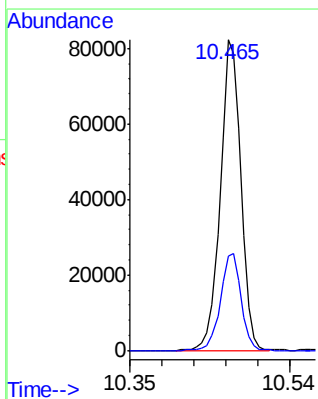
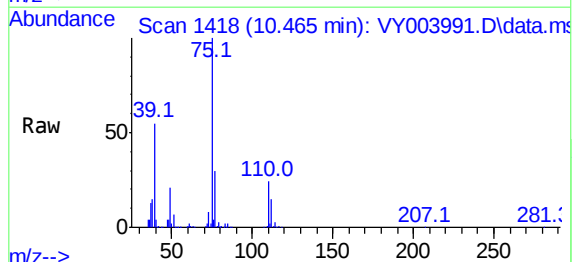
Acq: 08 Feb 2021 10:35

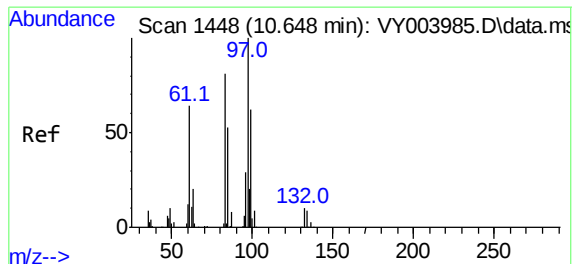
Tgt Ion: 75 Resp: 136981

Ion Ratio Lower Upper

75 100

77 30.4 22.9 42.5



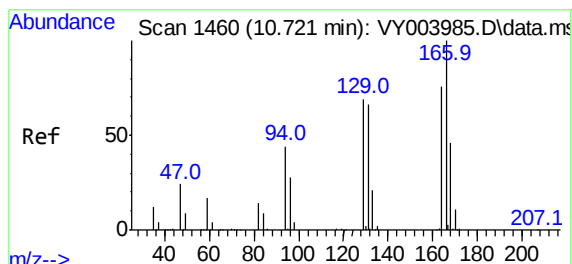
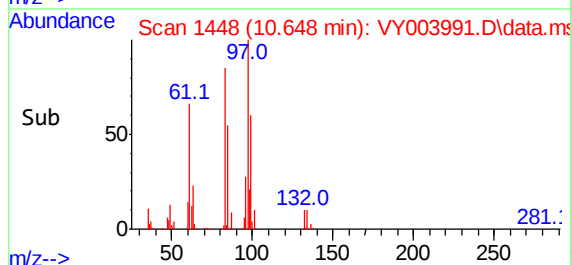
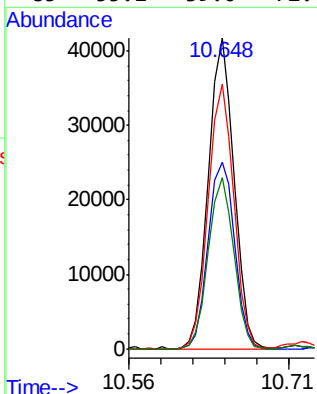
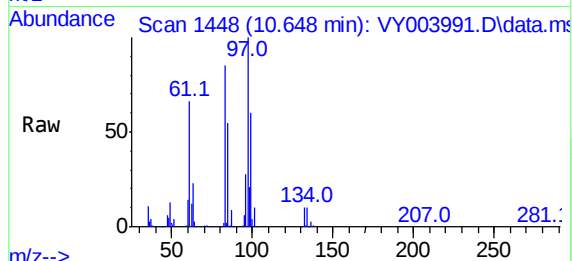


#45
1,1,2-Trichloroethane
Concen: 24.39 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

Tgt Ion: 97 Resp: 68169

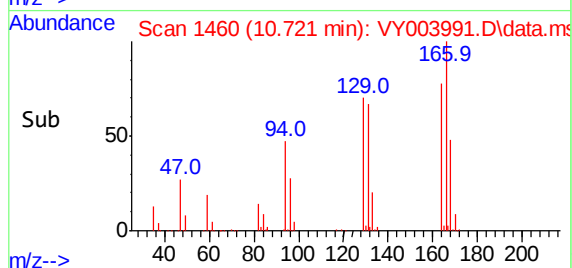
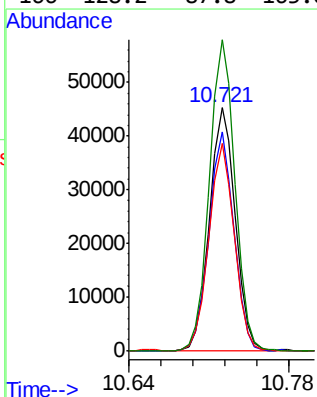
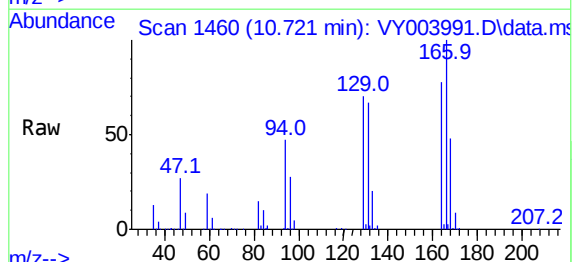
Ion	Ratio	Lower	Upper
97	100		
99	60.0	45.1	83.9
83	85.1	59.7	110.9
85	55.1	39.0	72.4

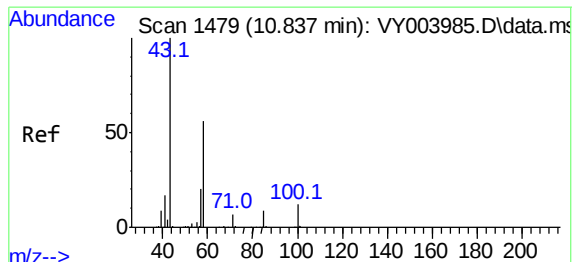


#46
Tetrachloroethene
Concen: 24.33 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 164 Resp: 73688

Ion	Ratio	Lower	Upper
164	100		
129	90.0	58.9	109.5
131	85.3	59.0	109.6
166	128.2	87.8	163.0



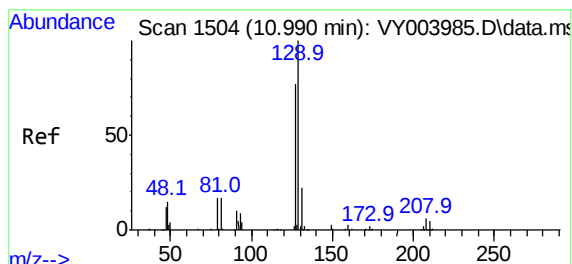
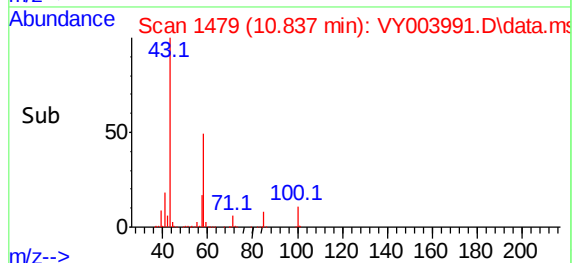
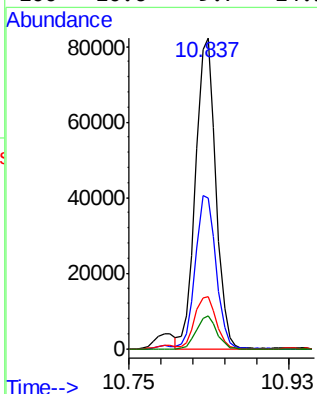
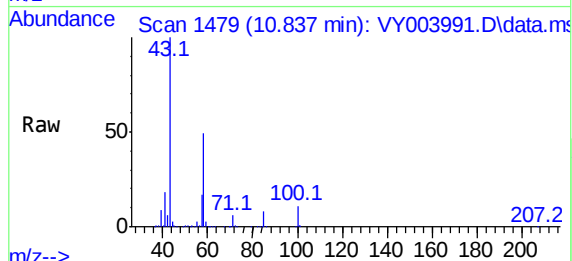


#48
2-Hexanone
Concen: 50.35 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

Tgt Ion: 43 Resp: 129609

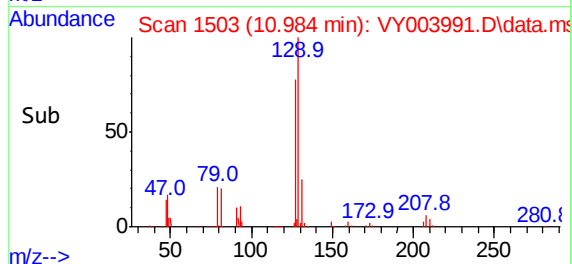
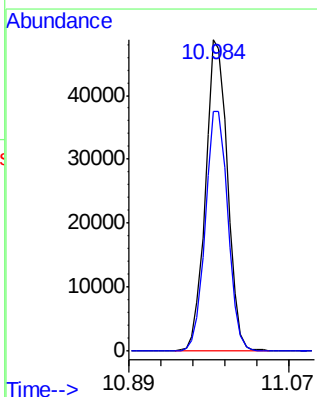
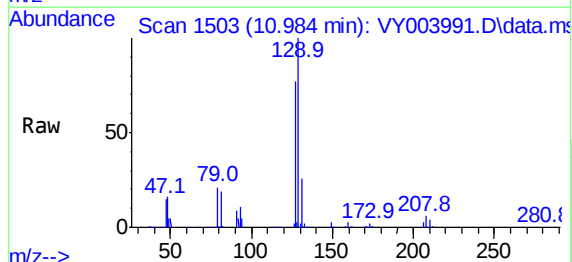
Ion	Ratio	Lower	Upper
43	100		
58	50.1	43.0	64.6
57	17.7	14.6	21.8
100	10.6	9.7	14.5

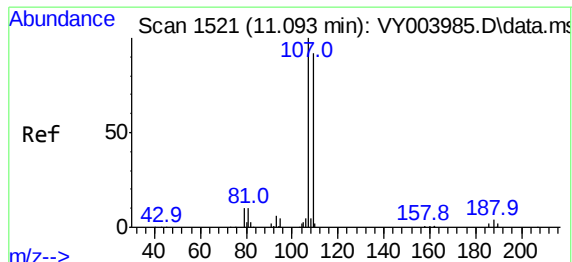


#49
Dibromochloromethane
Concen: 23.95 ug/L
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 129 Resp: 83007

Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.0	102.2

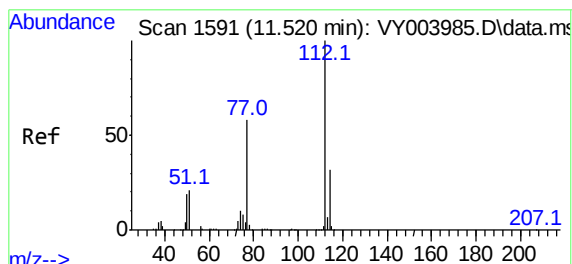
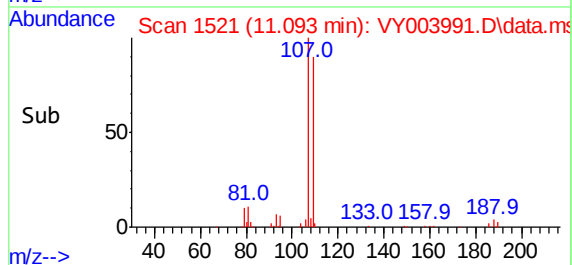
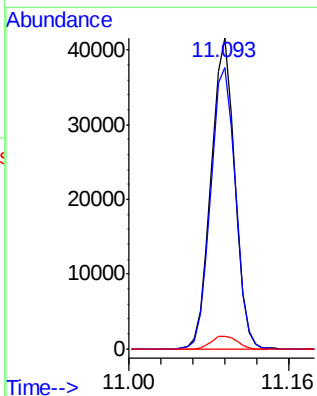
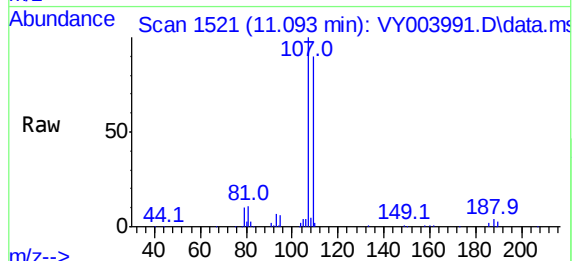




#50
1,2-Dibromoethane
Concen: 24.38 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

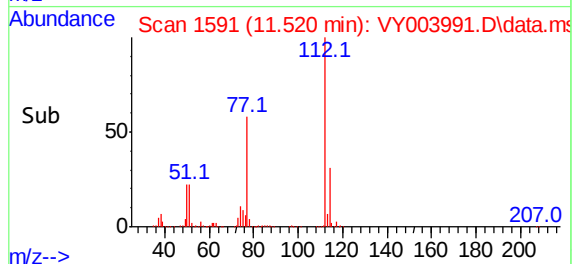
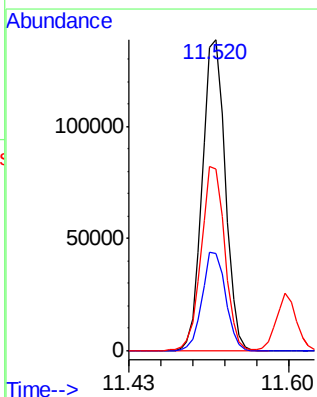
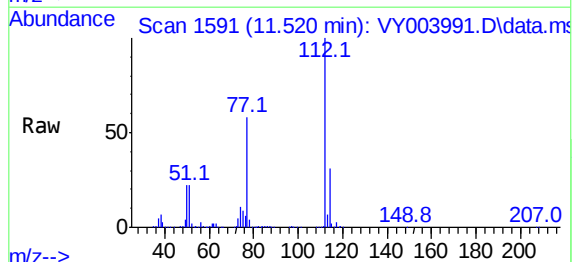
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

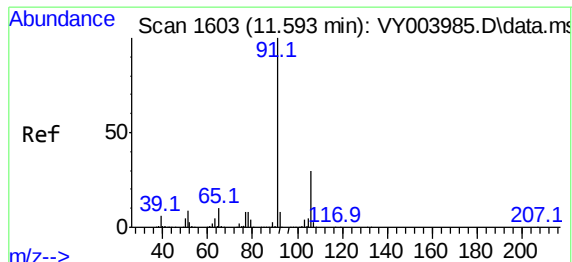
Tgt Ion:107 Resp: 66865
Ion Ratio Lower Upper
107 100
109 90.5 65.5 121.7
188 3.8 3.8 5.8#



#51
Chlorobenzene
Concen: 24.20 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:112 Resp: 228026
Ion Ratio Lower Upper
112 100
114 31.1 22.2 41.2
77 58.4 43.8 65.6

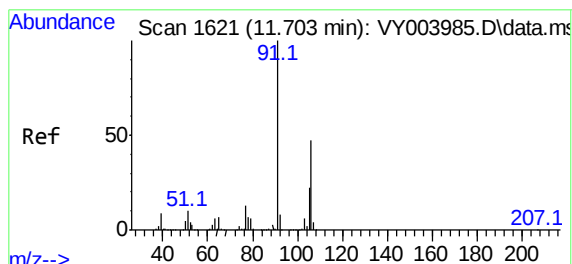
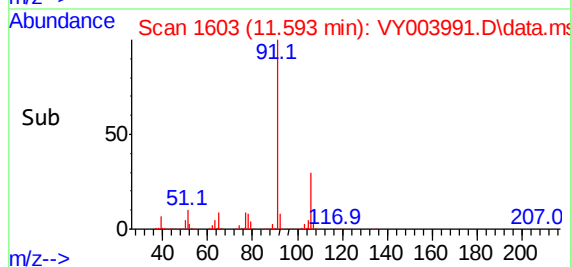
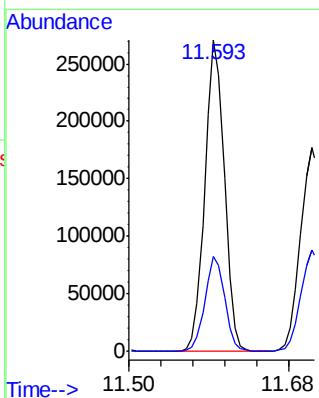
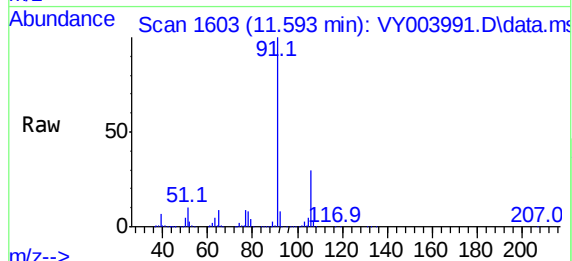




#52
Ethylbenzene
Concen: 24.41 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

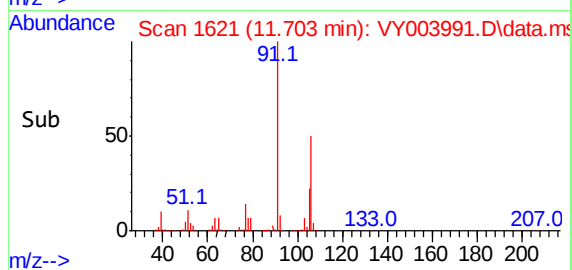
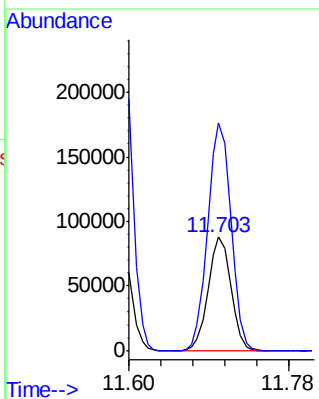
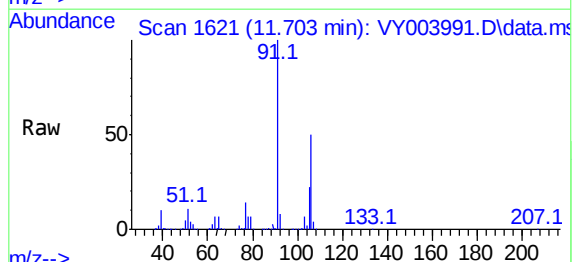
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

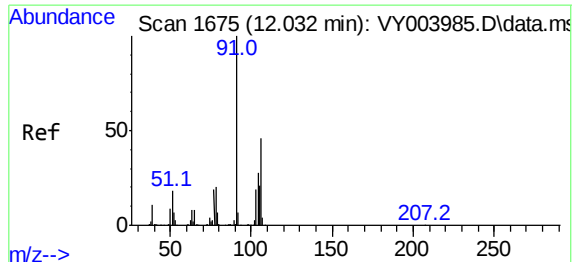
Tgt Ion: 91 Resp: 409728
Ion Ratio Lower Upper
91 100
106 30.4 22.8 42.4



#53
m,p-Xylene
Concen: 24.65 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 106 Resp: 154733
Ion Ratio Lower Upper
106 100
91 201.7 133.1 247.3

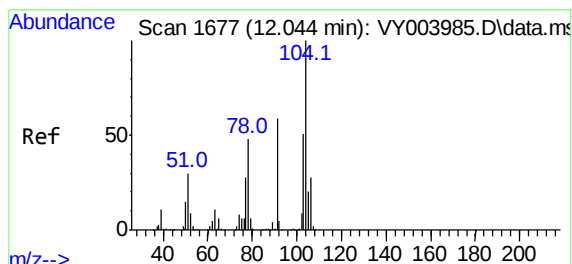
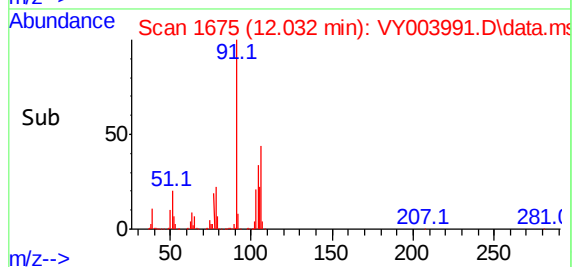
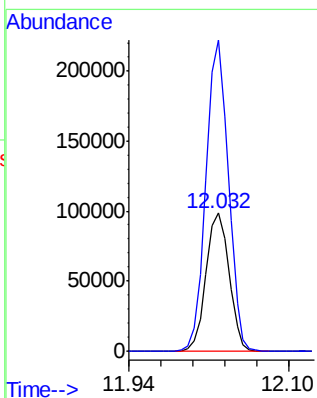
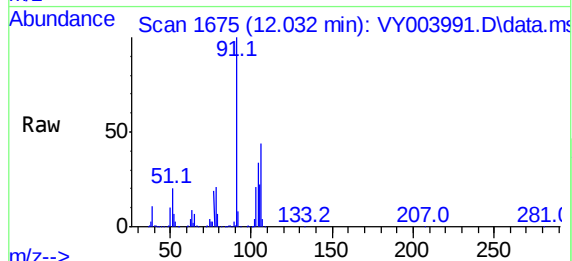




#54
o-Xylene
Concen: 25.64 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

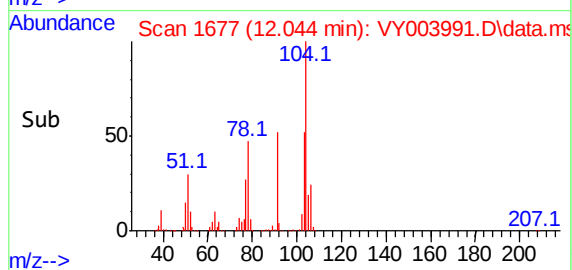
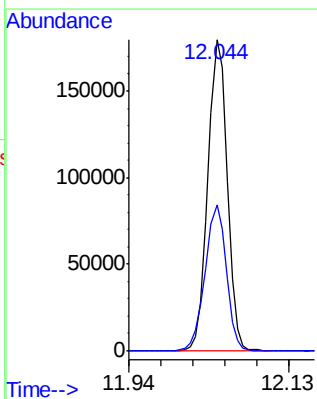
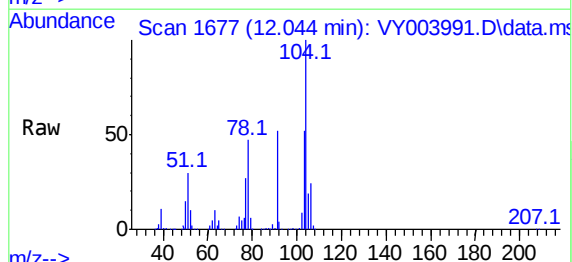
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

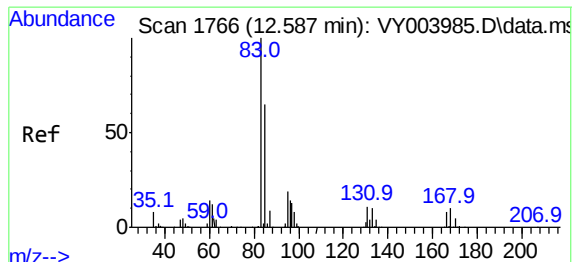
Tgt Ion:106 Resp: 154000
Ion Ratio Lower Upper
106 100
91 226.0 144.1 267.5



#55
Styrene
Concen: 26.30 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:104 Resp: 274151
Ion Ratio Lower Upper
104 100
78 46.9 27.6 51.4

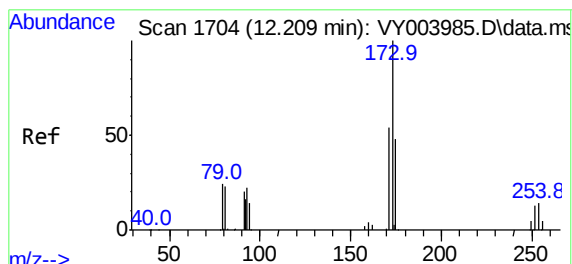
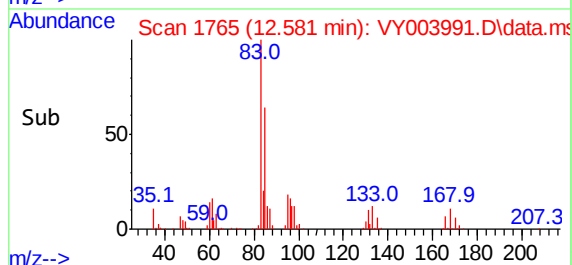
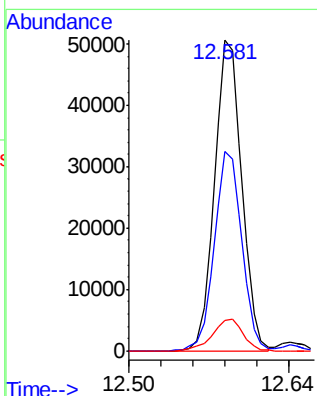
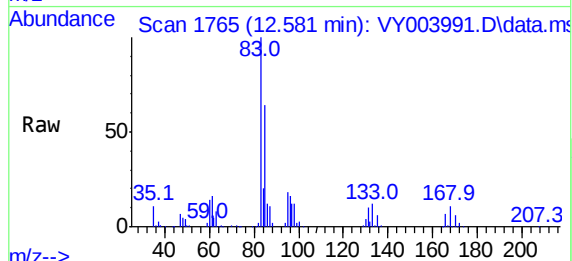




#57
1,1,2,2-Tetrachloroethane
Concen: 22.76 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

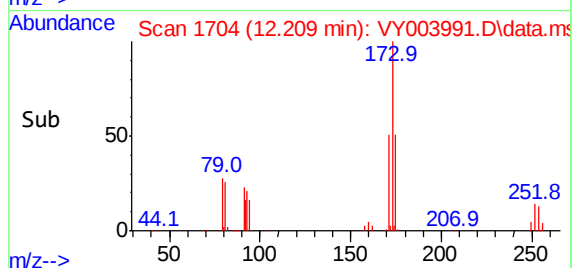
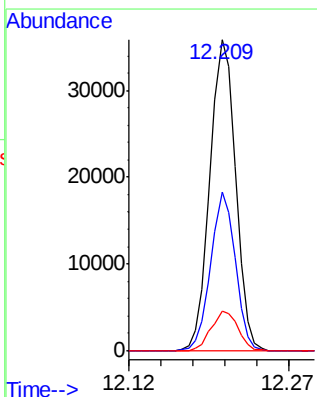
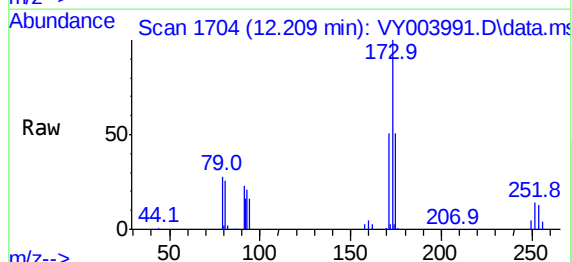
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

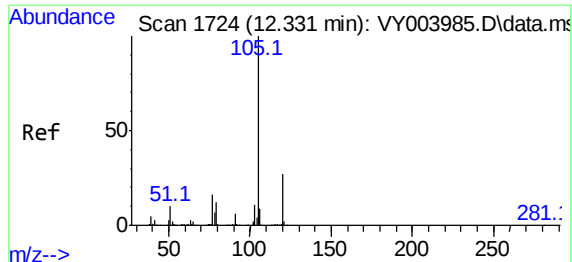
Tgt Ion:	83	Resp:	82025
Ion	Ratio	Lower	Upper
83	100		
85	64.2	46.1	85.7
131	10.0	8.1	12.1



#59
Bromoform
Concen: 24.99 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:	173	Resp:	58794
Ion	Ratio	Lower	Upper
173	100		
175	48.8	38.2	57.4
254	13.1	8.0	12.0#

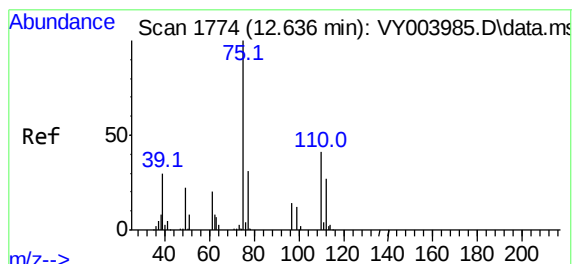
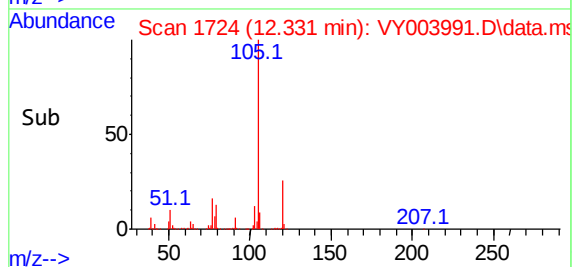
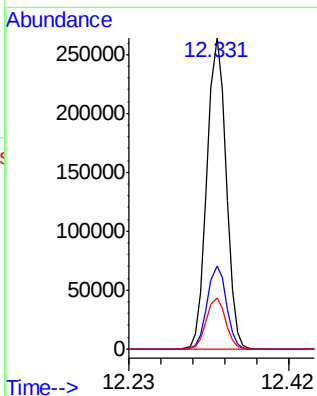
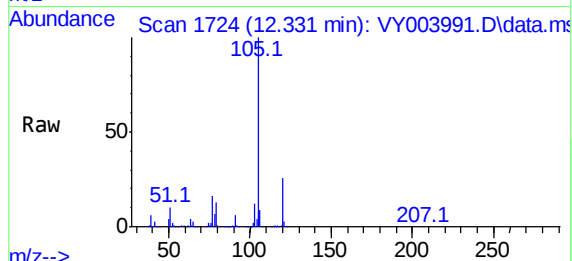




#60
Isopropylbenzene
Concen: 24.71 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

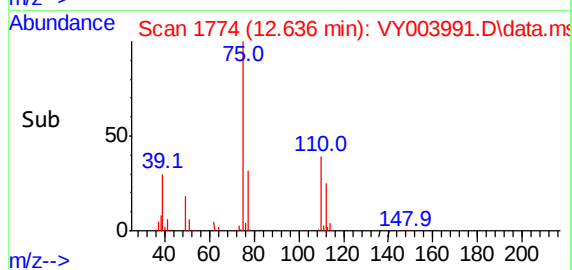
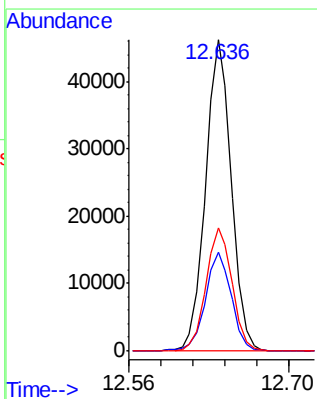
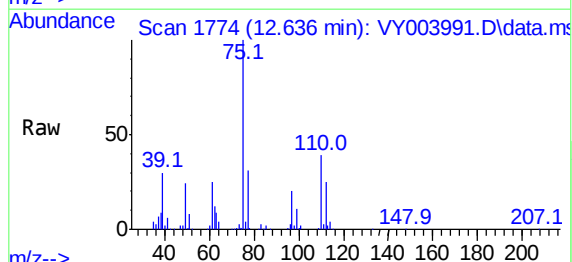
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

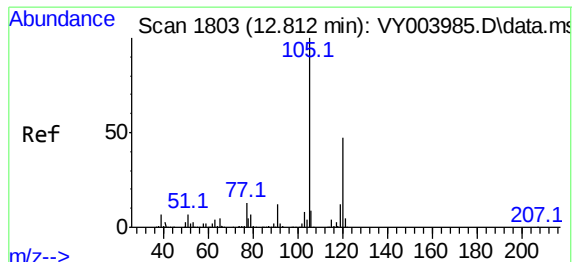
Tgt Ion:105 Resp: 398116
Ion Ratio Lower Upper
105 100
120 26.7 22.0 33.0
77 16.4 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 24.77 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 75 Resp: 70460
Ion Ratio Lower Upper
75 100
77 31.5 26.3 39.5
110 39.7 33.0 49.4

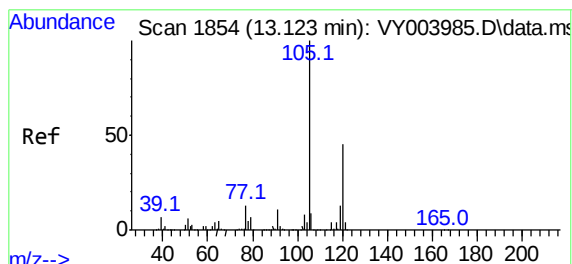
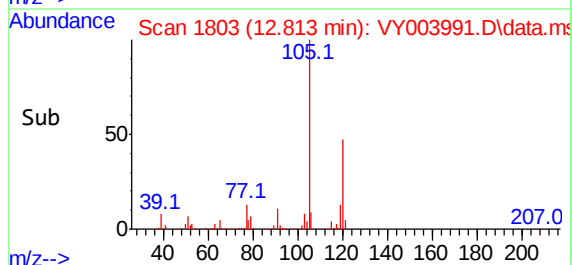
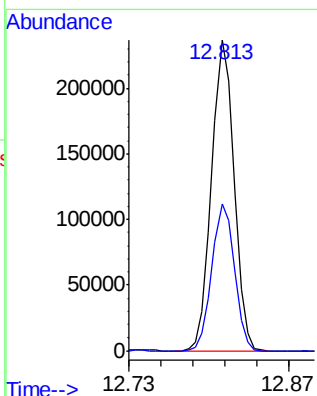
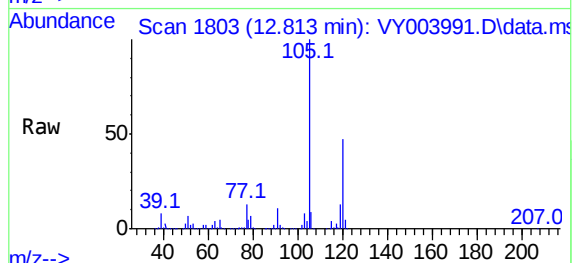




#62
1,3,5-Trimethylbenzene
Concen: 24.83 ug/L
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

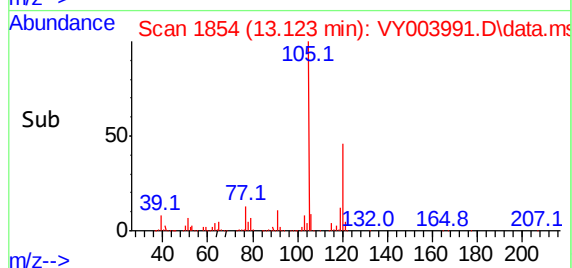
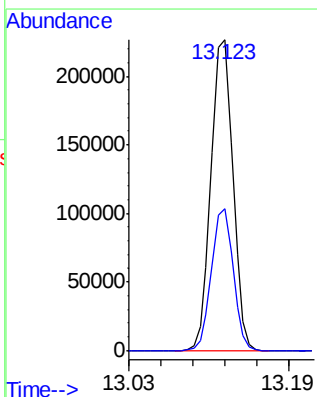
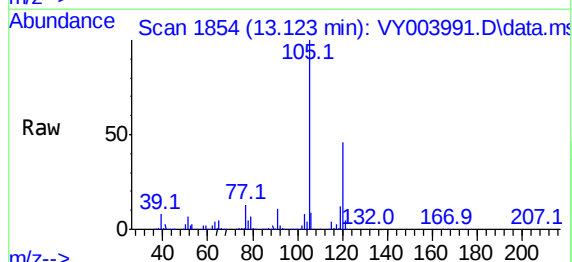
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

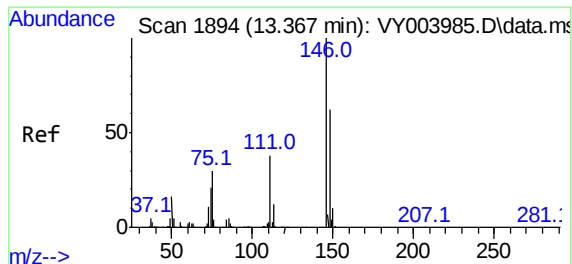
Tgt Ion:105 Resp: 339805
Ion Ratio Lower Upper
105 100
120 47.5 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 25.07 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:105 Resp: 337735
Ion Ratio Lower Upper
105 100
120 45.3 38.0 57.0

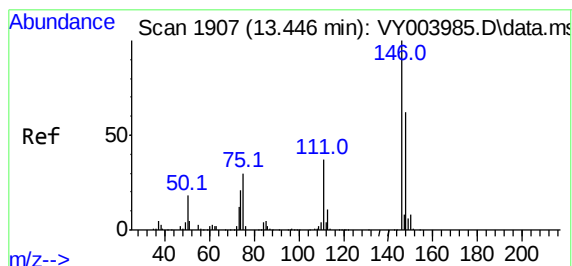
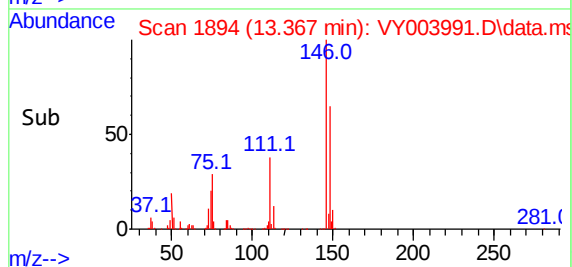
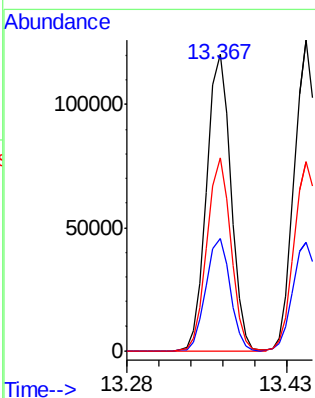
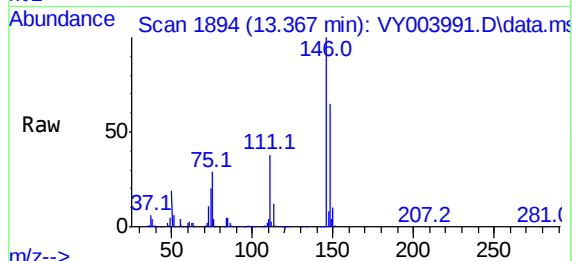




#64
1,3-Dichlorobenzene
Concen: 24.91 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

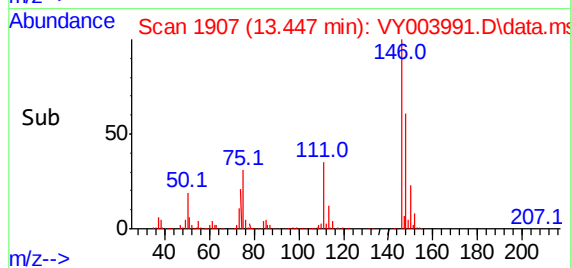
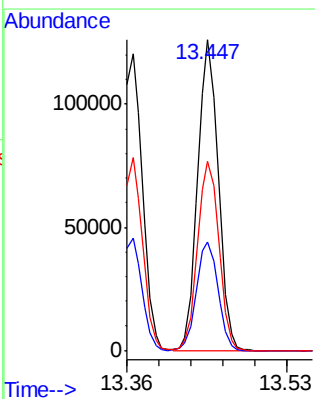
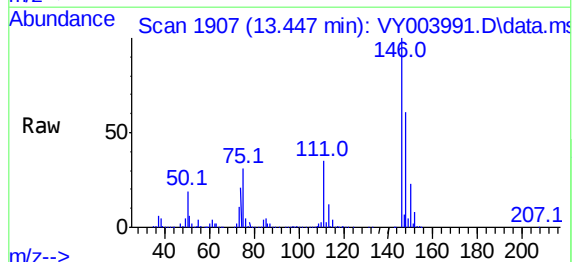
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

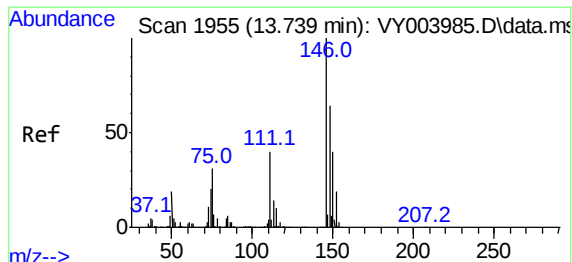
Tgt Ion:146 Resp: 185492
Ion Ratio Lower Upper
146 100
111 37.8 26.6 49.4
148 65.0 46.3 86.1



#65
1,4-Dichlorobenzene
Concen: 25.08 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:146 Resp: 186873
Ion Ratio Lower Upper
146 100
111 35.1 24.7 45.9
148 60.8 43.4 80.6

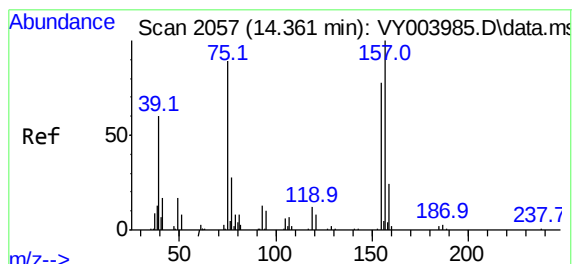
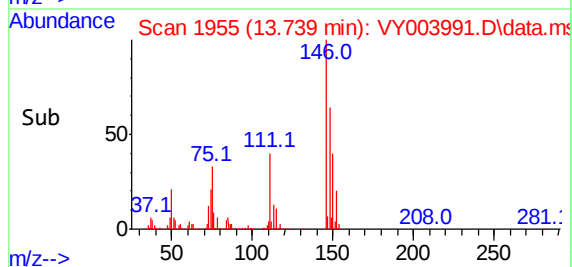
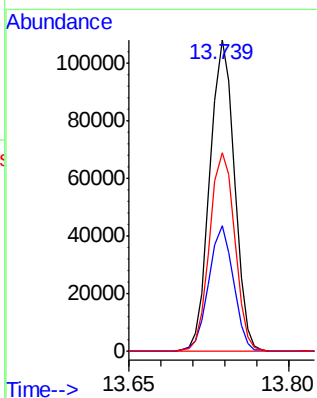
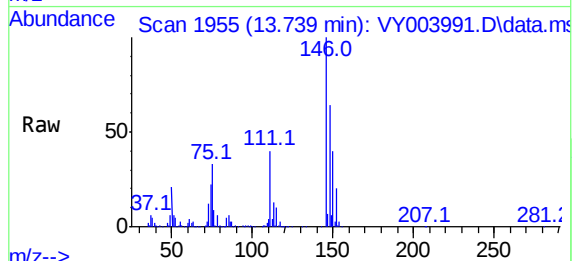




#67
1,2-Dichlorobenzene
Concen: 24.40 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

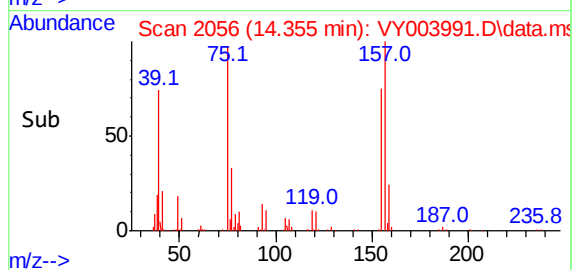
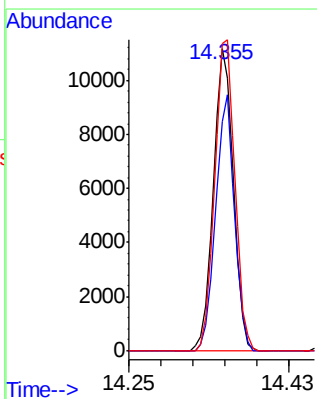
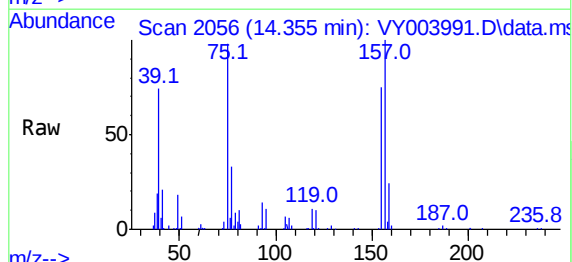
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

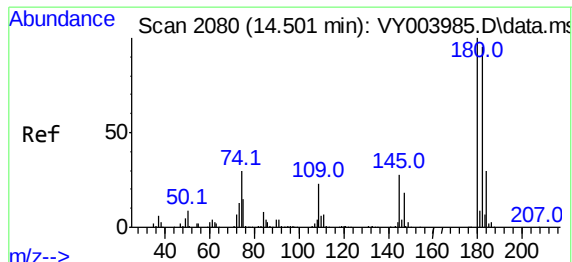
Tgt Ion:146 Resp: 168897
Ion Ratio Lower Upper
146 100
111 40.2 31.0 46.6
148 63.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 25.47 ug/L
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion: 75 Resp: 17690
Ion Ratio Lower Upper
75 100
155 76.1 73.4 110.0
157 102.0 98.1 147.1

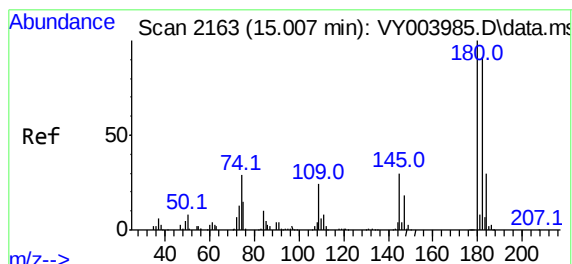
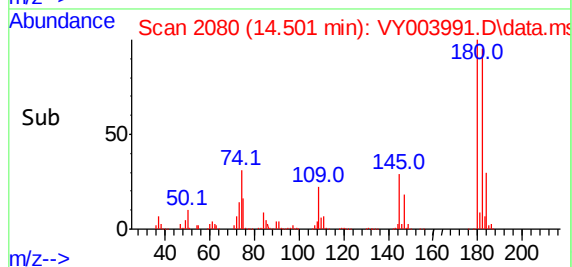
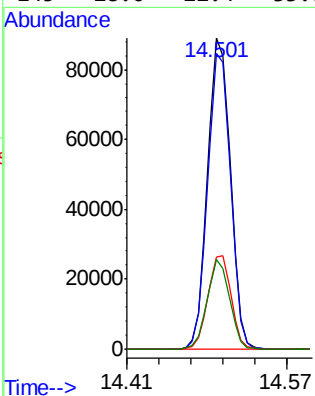
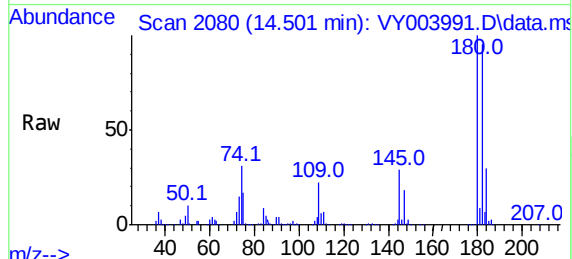




#69
1,3,5-Trichlorobenzene
Concen: 25.36 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

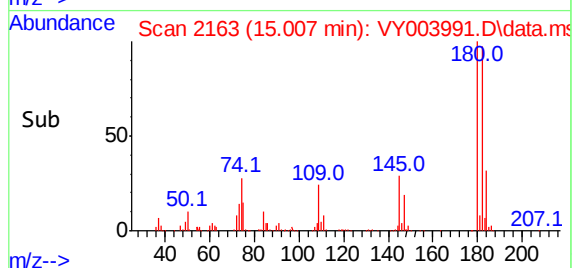
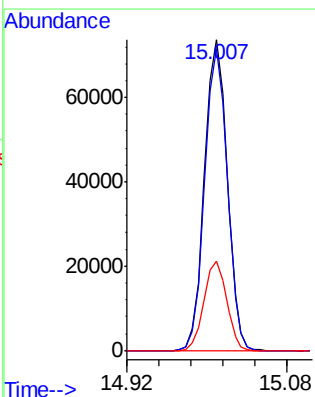
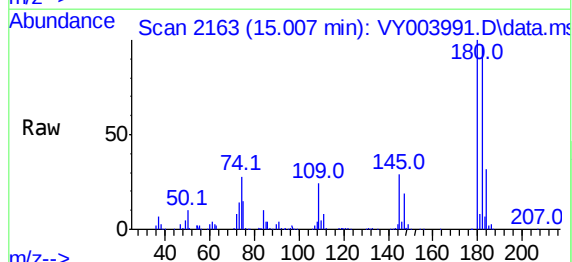
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

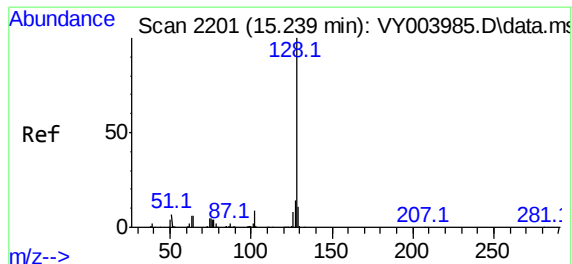
Tgt Ion:180 Resp: 137659
Ion Ratio Lower Upper
180 100
182 95.2 75.4 113.0
184 30.2 24.1 36.1
145 28.0 22.4 33.6



#70
1,2,4-trichlorobenzene
Concen: 25.32 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:180 Resp: 113948
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
145 28.7 22.8 34.2

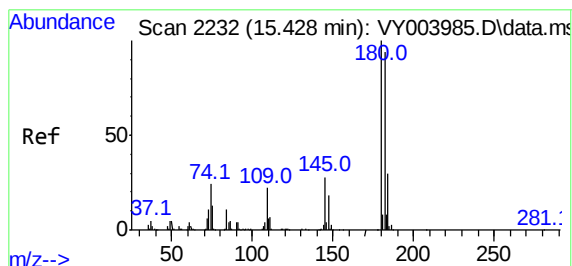
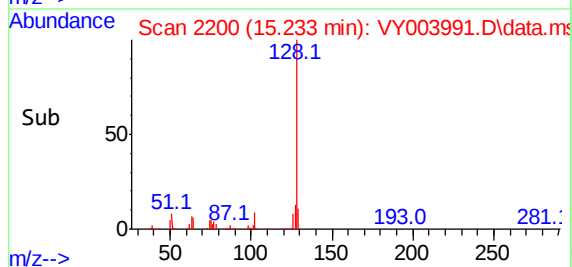
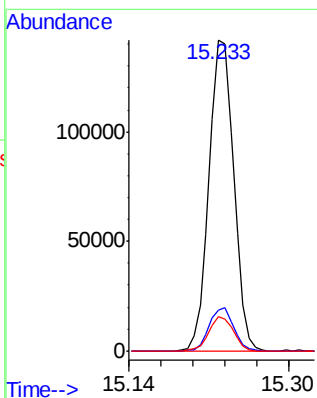
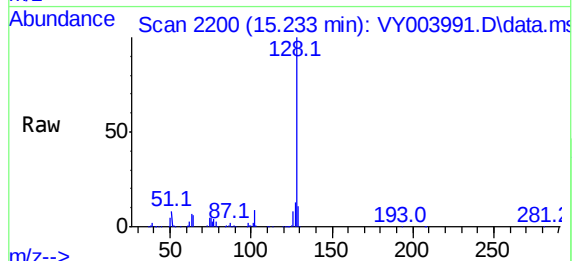




#71
Naphthalene
Concen: 25.33 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025510

Tgt Ion:128 Resp: 238313
Ion Ratio Lower Upper
128 100
127 13.7 10.4 15.6
129 10.9 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 25.22 ug/L
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY003991.D
Acq: 08 Feb 2021 10:35

Tgt Ion:180 Resp: 98704
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 30.5 23.6 35.4

