

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020521\
 Data File : VY003989.D
 Acq On : 05 Feb 2021 16:25
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD025509

Quant Time: Feb 06 03:45:27 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	214649	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	203147	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	108779	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.253	65	89941	20.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	83.08%		
7) Chloroethane-d5	2.772	69	70418	21.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.24%		
11) 1,1-Dichloroethene-d2	3.863	63	159888	23.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.40%		
21) 2-Butanone-d5	6.899	46	55054	40.29	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.58%		
24) Chloroform-d	7.490	84	138572	21.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	87.36%		
26) 1,2-Dichloroethane-d4	8.149	65	92220	24.01	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	96.04%		
32) Benzene-d6	8.118	84	276441	22.47	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	89.88%		
36) 1,2-Dichloropropane-d6	9.124	67	81919	21.54	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.16%		
41) Toluene-d8	10.185	98	258968	22.08	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	88.32%		
43) trans-1,3-Dichloroprop...	10.441	79	44705	22.79	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.16%		
47) 2-Hexanone-d5	10.788	63	40525	40.24	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	80.48%		
56) 1,1,2,2-Tetrachloroeth...	12.562	84	70617	20.06	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	80.24%		
66) 1,2-Dichlorobenzene-d4	13.727	152	92278	22.02	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.08%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	91986	22.12	ug/L	100
3) Chloromethane	2.119	50	102629	21.83	ug/L	97
5) Vinyl chloride	2.259	62	105752	23.29	ug/L	96
6) Bromomethane	2.668	94	62384	23.16	ug/L	100
8) Chloroethane	2.808	64	65296	22.92	ug/L	100
9) Trichlorofluoromethane	3.137	101	142937	25.80	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.912	101	72823	23.17	ug/L	98
12) 1,1-Dichloroethene	3.887	96	71176	23.46	ug/L	76
13) Acetone	3.960	43	44076	42.35	ug/L	92
14) Carbon disulfide	4.210	76	260289	24.96	ug/L	99
15) Methyl Acetate	4.491	43	52549	21.60	ug/L	97
16) Methylene chloride	4.729	84	82555	21.90	ug/L	95
17) trans-1,2-Dichloroethene	5.235	96	78271	24.49	ug/L	92
18) Methyl tert-butyl Ether	5.235	73	210909	23.38	ug/L #	95
19) 1,1-Dichloroethane	6.033	63	140389	23.65	ug/L	99
20) cis-1,2-Dichloroethene	6.996	96	82005	24.45	ug/L	94
22) 2-Butanone	6.996	43	65869	41.64	ug/L	97
23) Bromochloromethane	7.344	128	37303	23.17	ug/L	93
25) Chloroform	7.515	83	144864	24.18	ug/L	100
27) 1,2-Dichloroethane	8.246	62	111760	24.93	ug/L	96

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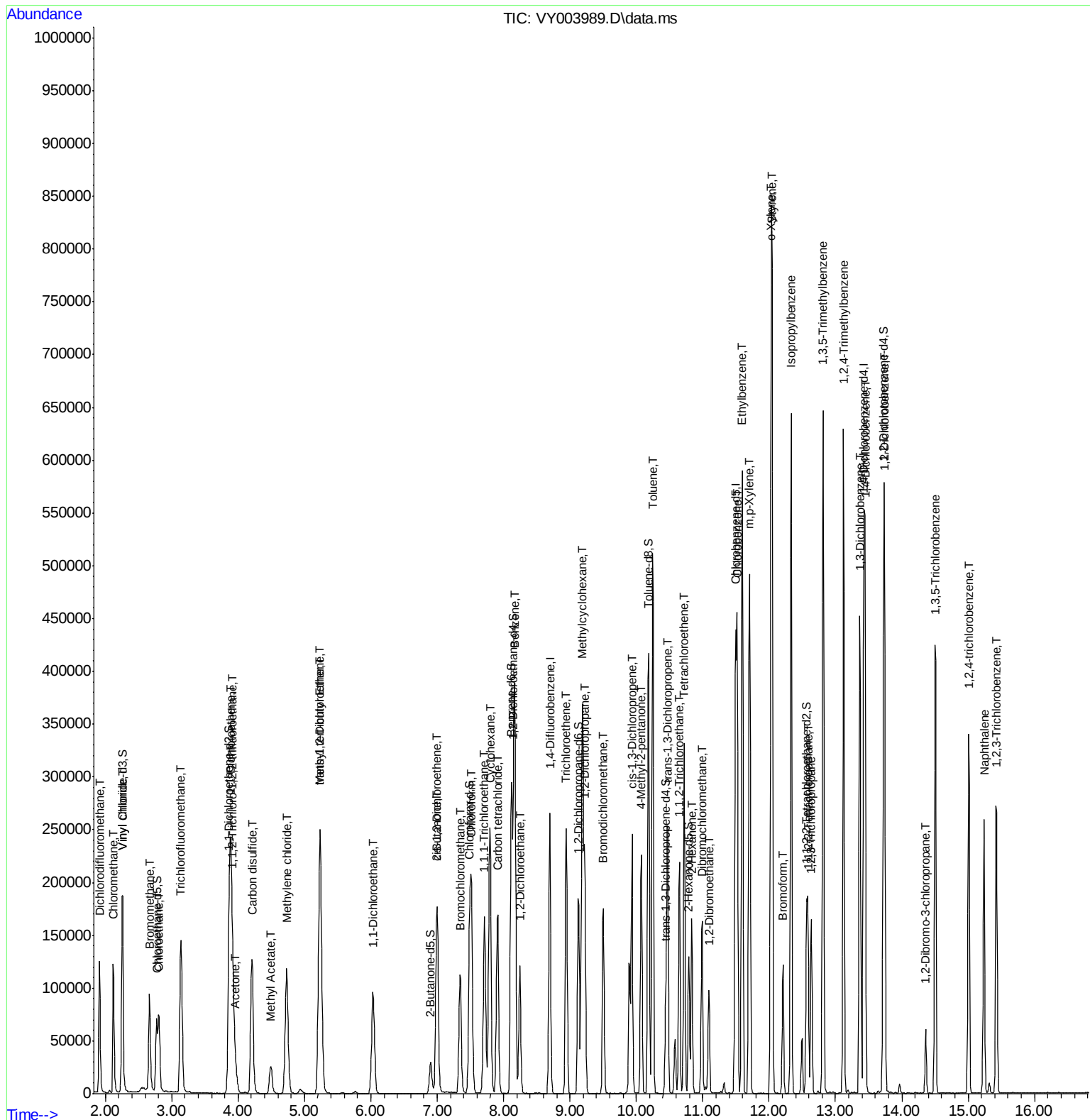
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.795	56	139228	24.26	ug/L	96
30) 1,1,1-Trichloroethane	7.710	97	134191	24.72	ug/L	97
31) Carbon tetrachloride	7.911	117	120296	24.77	ug/L	98
33) Benzene	8.167	78	320881	24.64	ug/L	100
34) Trichloroethene	8.941	95	81497	23.52	ug/L	96
35) Methylcyclohexane	9.185	83	144215	25.01	ug/L	94
37) 1,2-Dichloropropane	9.222	63	78725	22.61	ug/L	100
38) Bromodichloromethane	9.502	83	108946	23.76	ug/L	96
39) cis-1,3-Dichloropropene	9.935	75	131474	24.09	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	146599	43.19	ug/L	96
42) Toluene	10.246	91	349337	24.60	ug/L	99
44) trans-1,3-Dichloropropene	10.471	75	123723	24.35	ug/L	99
45) 1,1,2-Trichloroethane	10.648	97	61918	23.43	ug/L	96
46) Tetrachloroethene	10.721	164	69221	24.18	ug/L	96
48) 2-Hexanone	10.837	43	106168	43.62	ug/L	95
49) Dibromochloromethane	10.990	129	76162	23.24	ug/L	91
50) 1,2-Dibromoethane	11.093	107	58620	22.61	ug/L	100
51) Chlorobenzene	11.520	112	211479	23.74	ug/L	96
52) Ethylbenzene	11.593	91	386819	24.37	ug/L	95
53) m,p-Xylene	11.703	106	143887	24.25	ug/L	86
54) o-Xylene	12.032	106	138898	24.46	ug/L	93
55) Styrene	12.044	104	246461	25.01	ug/L	87
57) 1,1,2,2-Tetrachloroethane	12.587	83	72181	21.18	ug/L	96
59) Bromoform	12.209	173	51600	22.73	ug/L #	97
60) Isopropylbenzene	12.331	105	376857	24.25	ug/L	97
61) 1,2,3-Trichloropropane	12.636	75	59880	21.82	ug/L	98
62) 1,3,5-Trimethylbenzene	12.812	105	316654	23.98	ug/L	96
63) 1,2,4-Trimethylbenzene	13.123	105	316789	24.37	ug/L	97
64) 1,3-Dichlorobenzene	13.367	146	171338	23.85	ug/L	97
65) 1,4-Dichlorobenzene	13.446	146	172587	24.00	ug/L	97
67) 1,2-Dichlorobenzene	13.739	146	158873	23.79	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.361	75	14500	21.64	ug/L	85
69) 1,3,5-Trichlorobenzene	14.507	180	126890	24.23	ug/L	99
70) 1,2,4-trichlorobenzene	15.007	180	101072	23.27	ug/L	99
71) Naphthalene	15.239	128	204383	22.52	ug/L	99
72) 1,2,3-Trichlorobenzene	15.428	180	89101	23.60	ug/L	99

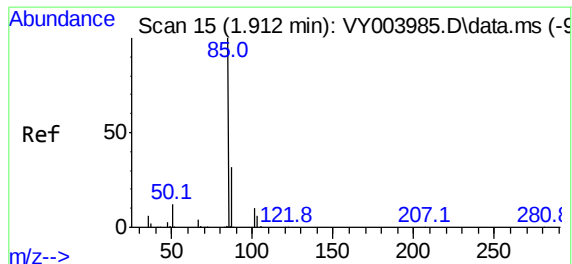
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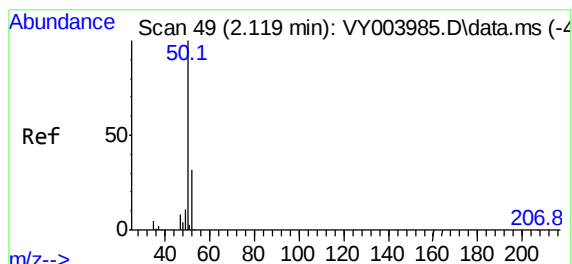
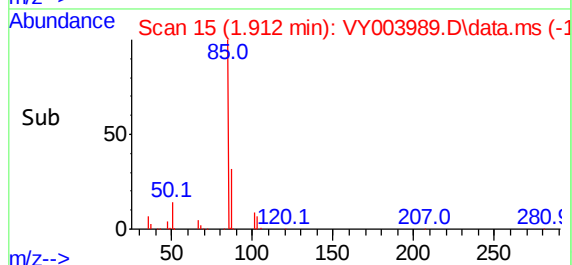
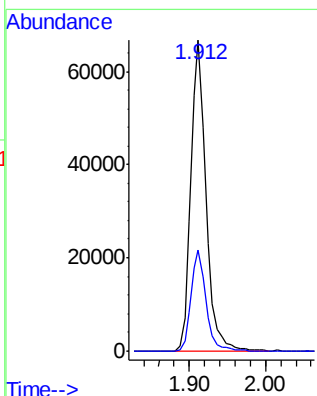
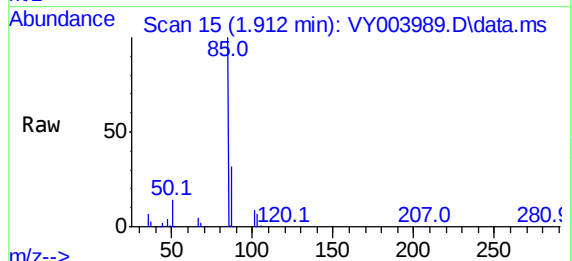




#2
Dichlorodifluoromethane
Concen: 22.12 ug/L
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

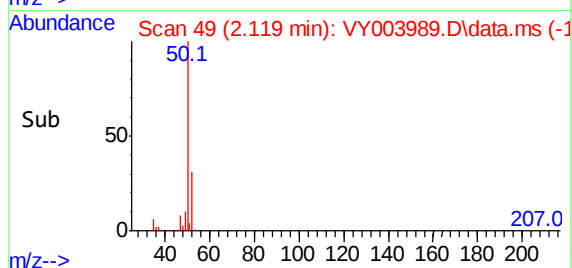
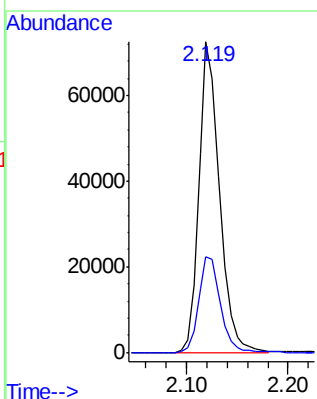
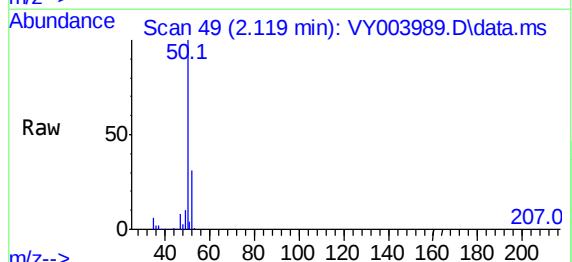
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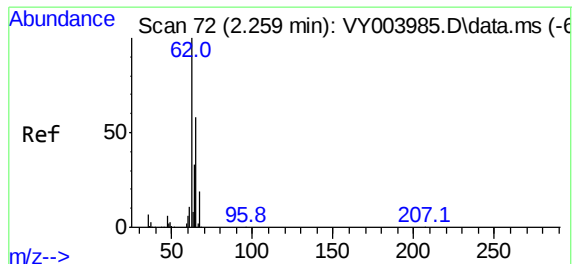
Tgt Ion: 85 Resp: 91986
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.2



#3
Chloromethane
Concen: 21.83 ug/L
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 50 Resp: 102629
Ion Ratio Lower Upper
50 100
52 30.8 22.7 42.3

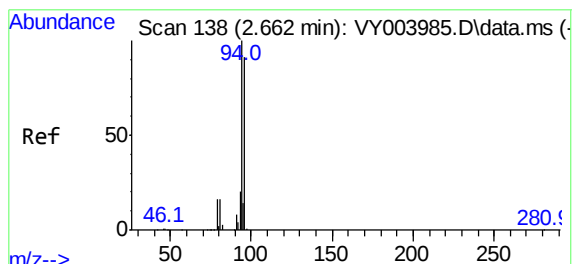
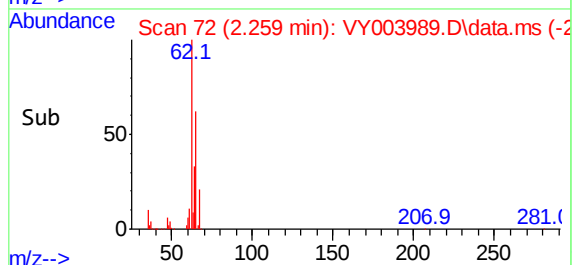
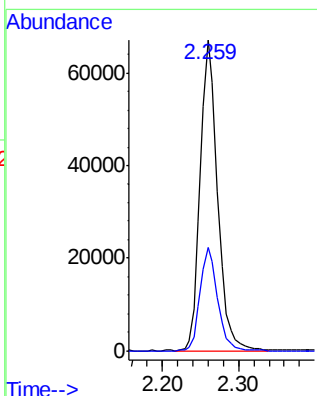
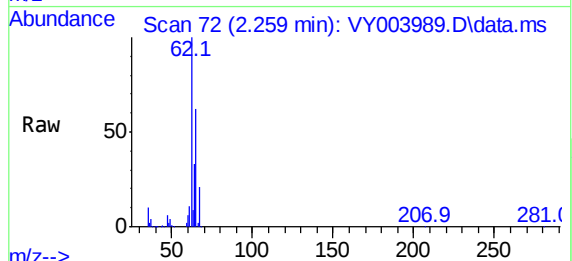




#5
 Vinyl chloride
 Concen: 23.29 ug/L
 RT: 2.259 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VY003989.D
 Acq: 05 Feb 2021 16:25

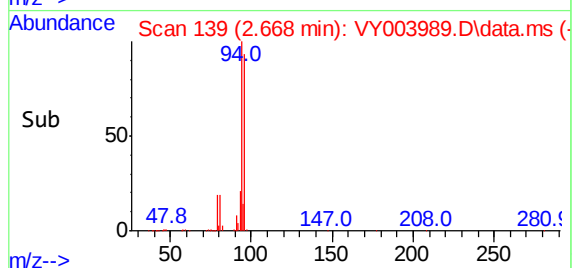
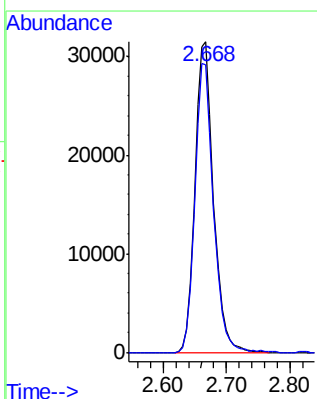
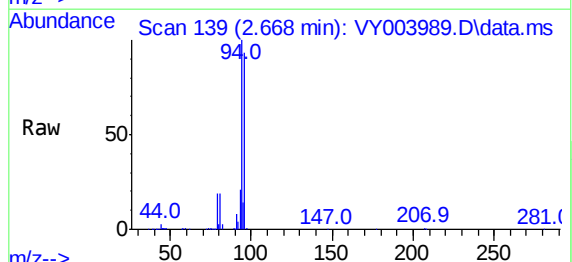
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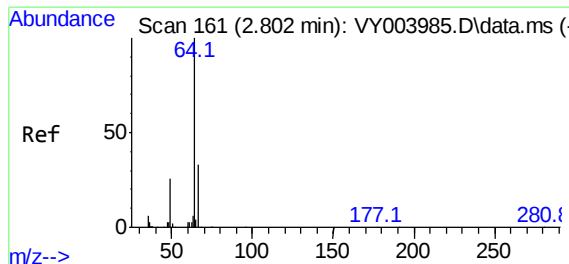
Tgt Ion: 62 Resp: 105752
 Ion Ratio Lower Upper
 62 100
 64 33.4 21.9 40.7



#6
 Bromomethane
 Concen: 23.16 ug/L
 RT: 2.668 min Scan# 139
 Delta R.T. 0.006 min
 Lab File: VY003989.D
 Acq: 05 Feb 2021 16:25

Tgt Ion: 94 Resp: 62384
 Ion Ratio Lower Upper
 94 100
 96 92.7 65.2 121.0

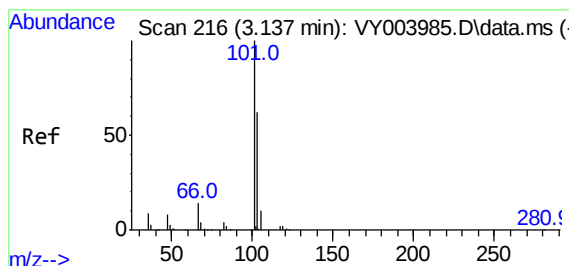
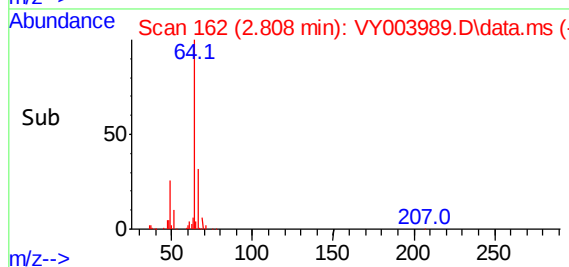
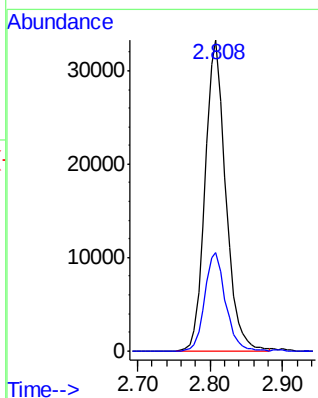
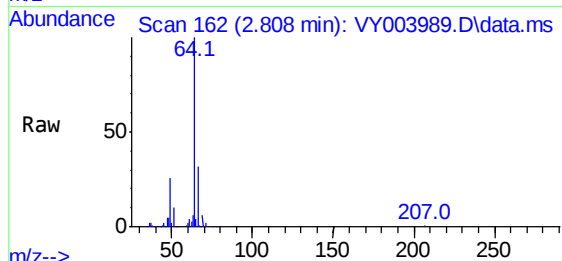




#8
Chloroethane
Concen: 22.92 ug/L
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

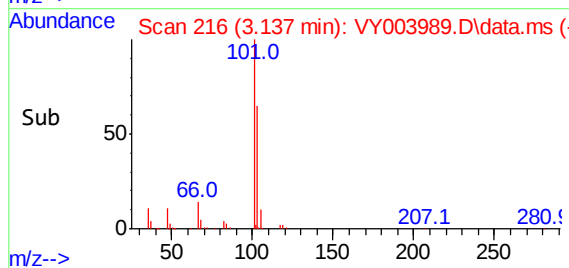
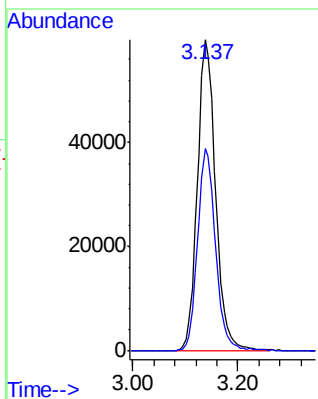
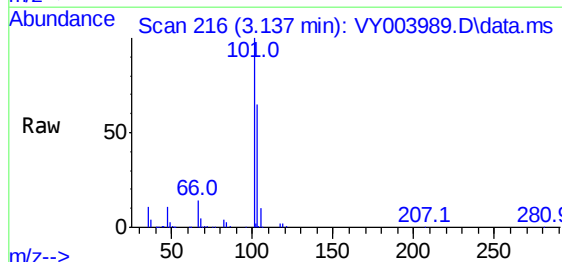
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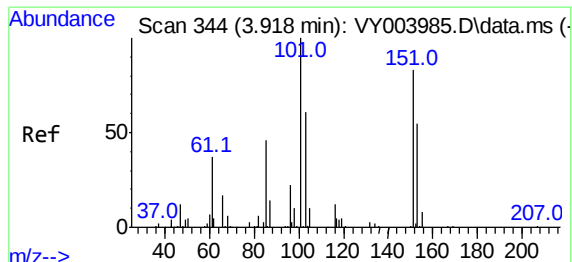
Tgt Ion: 64 Resp: 65296
Ion Ratio Lower Upper
64 100
66 31.6 22.2 41.2



#9
Trichlorofluoromethane
Concen: 25.80 ug/L
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:101 Resp: 142937
Ion Ratio Lower Upper
101 100
103 63.8 51.9 77.9

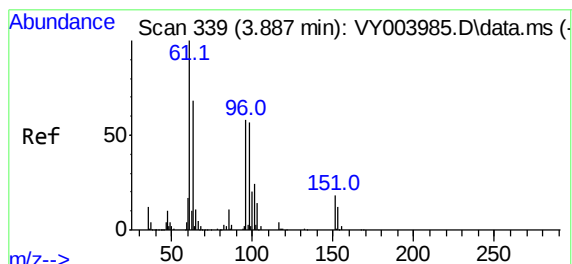
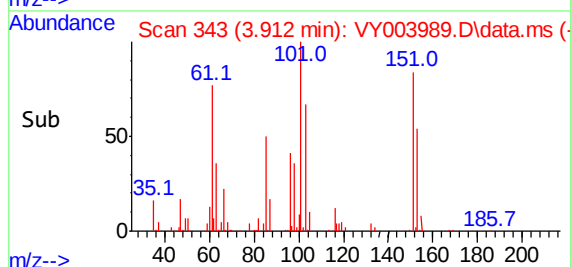
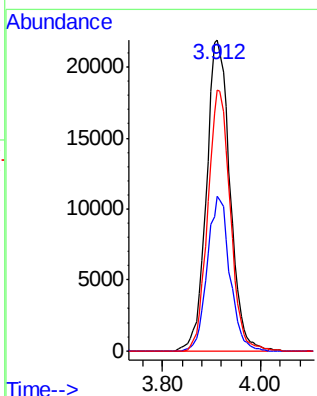
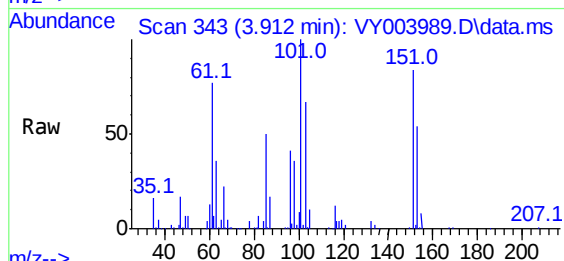




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.17 ug/L
 RT: 3.912 min Scan# 343
 Delta R.T. -0.006 min
 Lab File: VY003989.D
 Acq: 05 Feb 2021 16:25

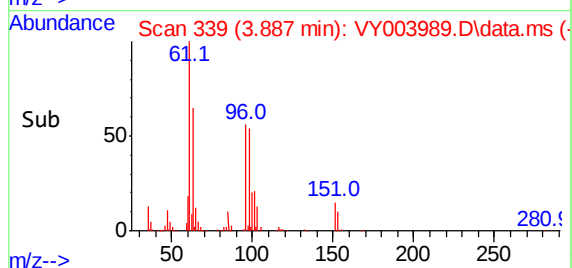
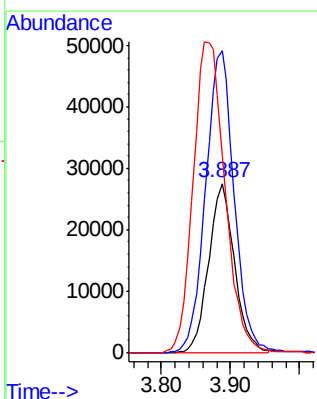
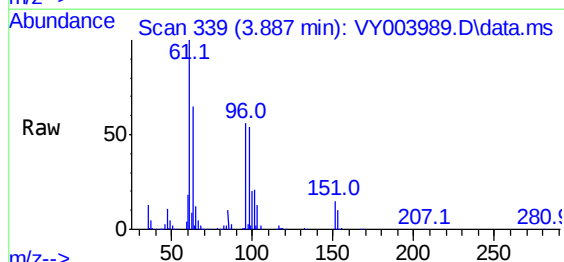
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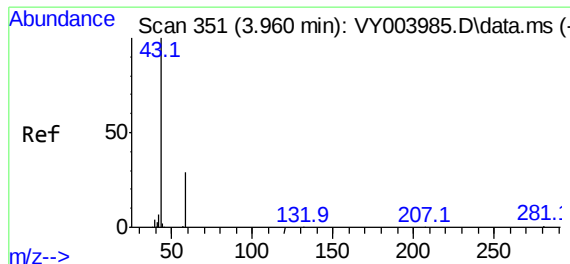
Tgt Ion:101 Resp: 72823
 Ion Ratio Lower Upper
 101 100
 85 47.6 35.6 53.4
 151 80.1 64.2 96.2



#12
 1,1-Dichloroethene
 Concen: 23.46 ug/L
 RT: 3.887 min Scan# 339
 Delta R.T. 0.000 min
 Lab File: VY003989.D
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Tgt Ion: 96 Resp: 71176
 Ion Ratio Lower Upper
 96 100
 61 178.4 106.1 197.1
 63 116.5 62.9 116.9

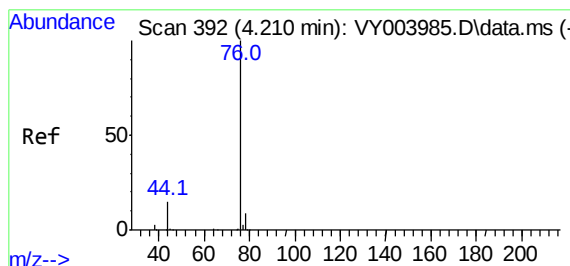
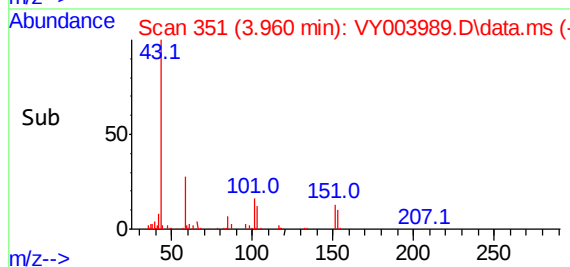
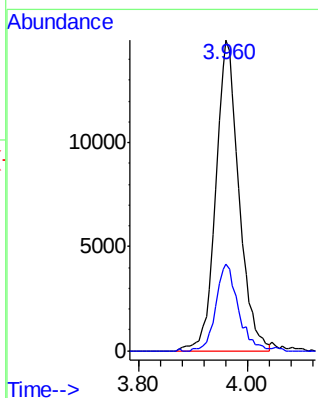
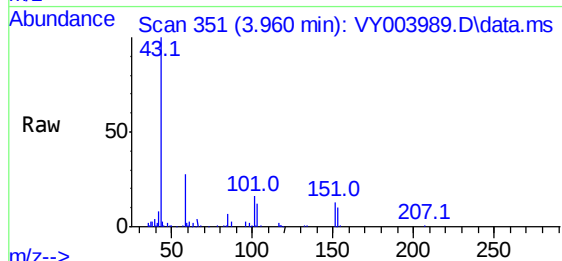




#13
Acetone
Concen: 42.35 ug/L
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY003989.D
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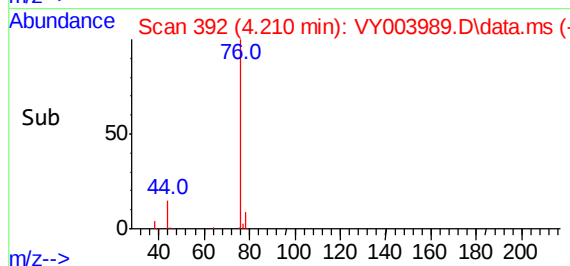
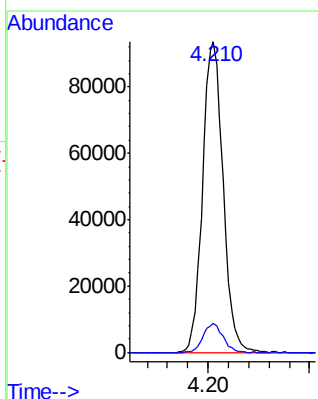
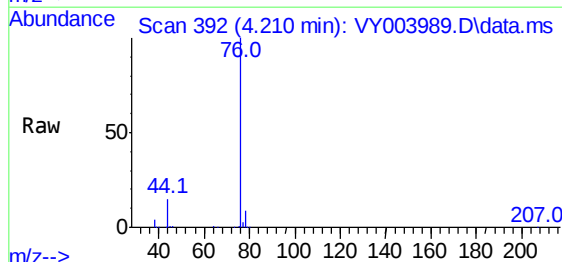
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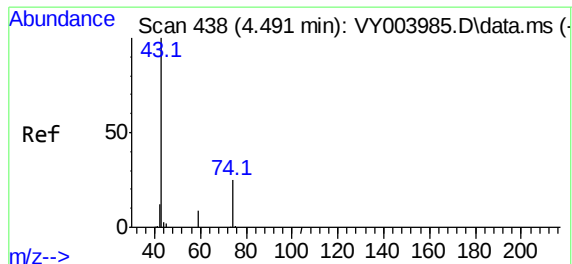
Tgt Ion: 43 Resp: 44076
Ion Ratio Lower Upper
43 100
58 26.6 0.0 61.6



#14
Carbon disulfide
Concen: 24.96 ug/L
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 260289
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

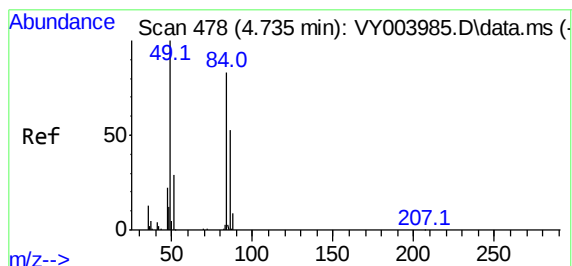
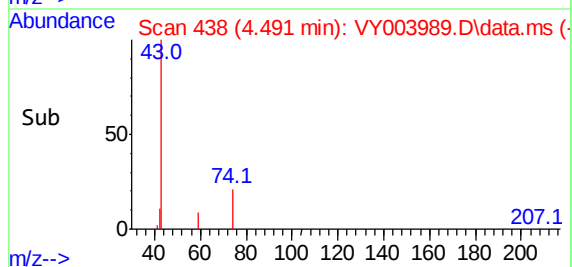
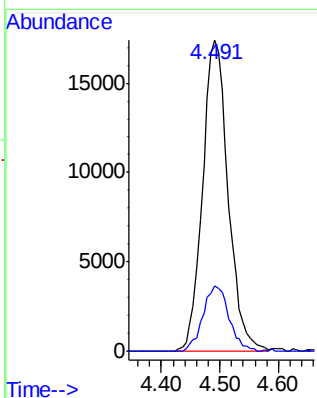
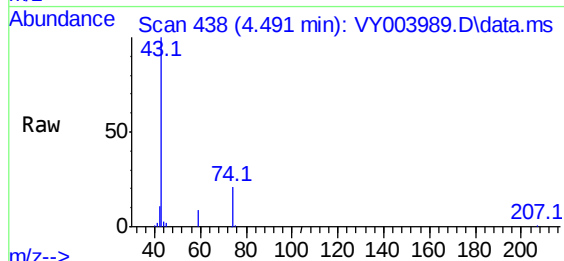




#15
Methyl Acetate
Concen: 21.60 ug/L
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

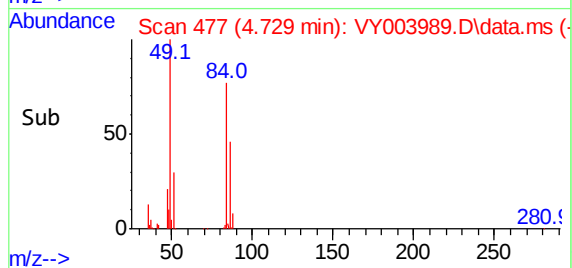
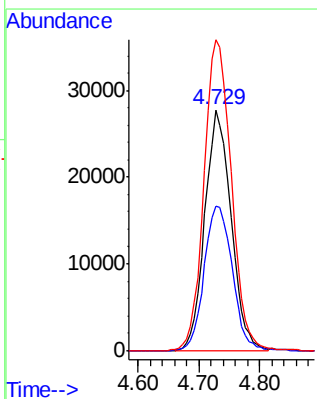
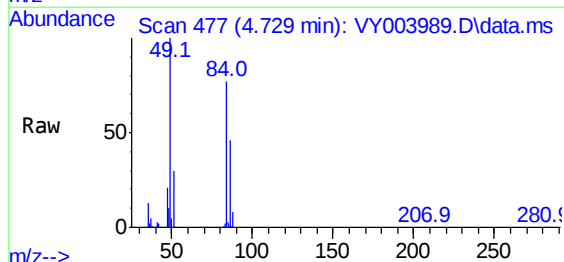
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

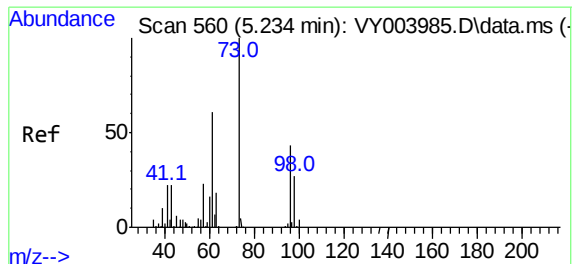
Tgt Ion: 43 Resp: 52549
Ion Ratio Lower Upper
43 100
74 21.2 18.2 27.2



#16
Methylene chloride
Concen: 21.90 ug/L
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 84 Resp: 82555
Ion Ratio Lower Upper
84 100
86 59.8 43.3 80.3
49 129.3 85.3 158.5

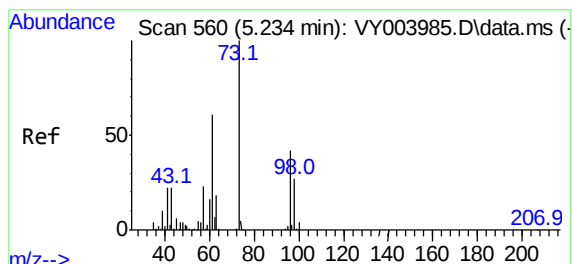
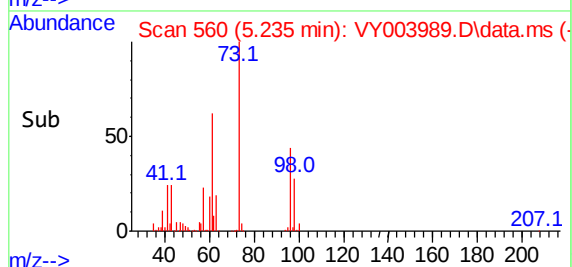
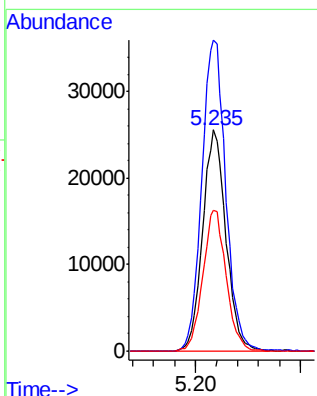
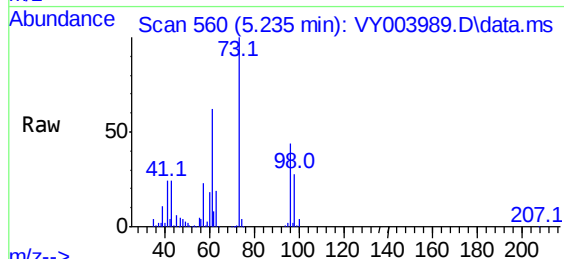




#17
trans-1,2-Dichloroethene
Concen: 24.49 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

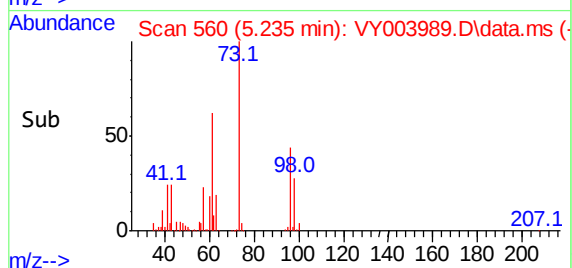
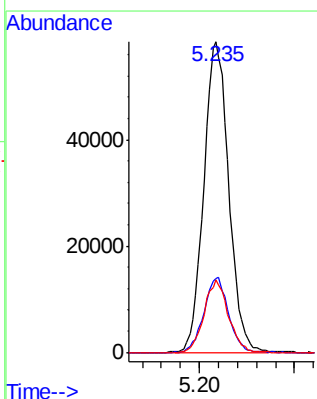
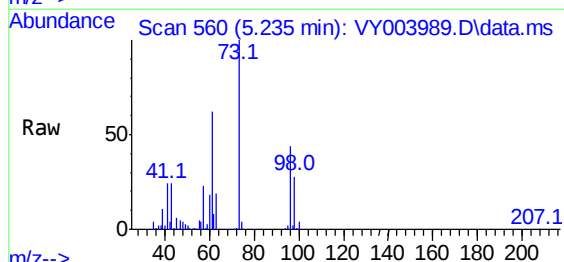
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

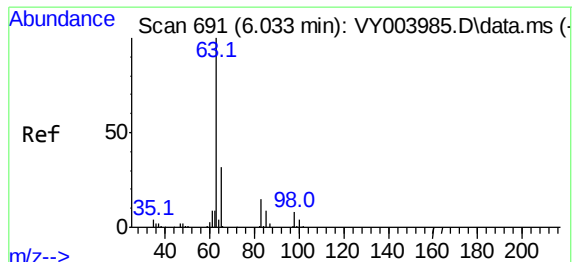
Tgt Ion: 96 Resp: 78271
Ion Ratio Lower Upper
96 100
61 140.8 89.5 166.1
98 63.7 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 23.38 ug/L
RT: 5.235 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 73 Resp: 210909
Ion Ratio Lower Upper
73 100
43 23.9 15.2 22.8#
57 22.6 18.1 27.1

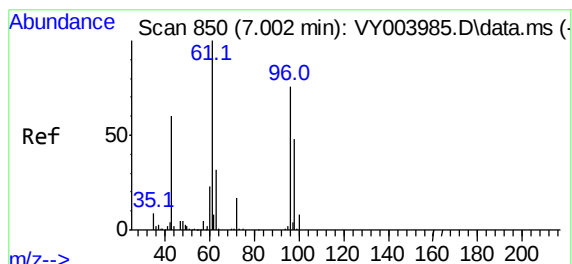
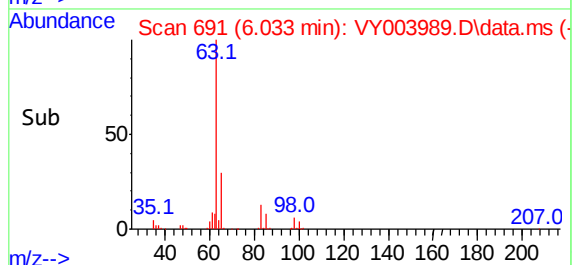
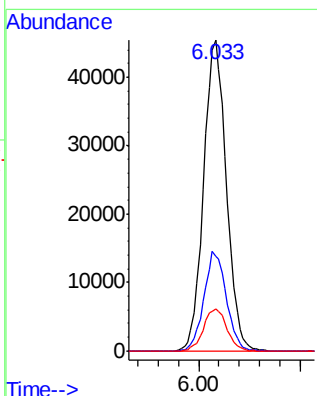
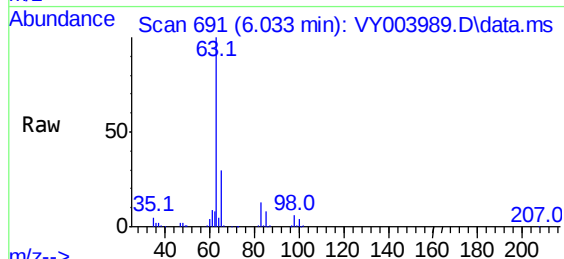




#19
1,1-Dichloroethane
Concen: 23.65 ug/L
RT: 6.033 min Scan# 691
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

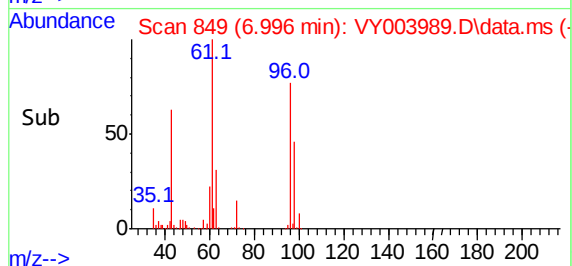
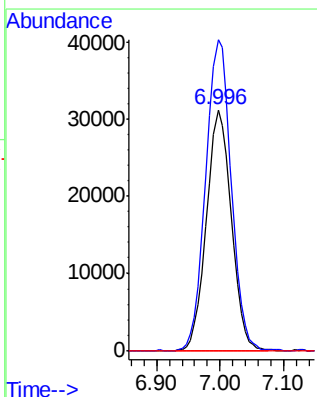
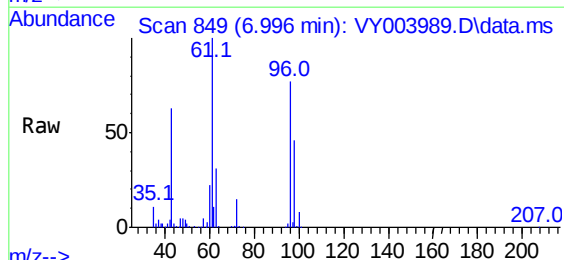
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

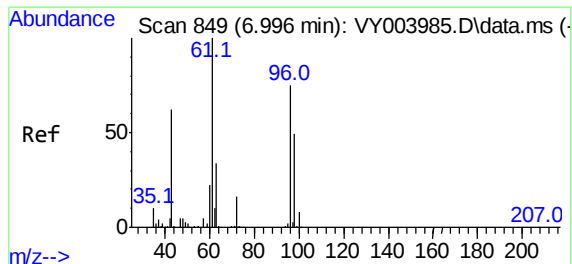
Tgt Ion: 63 Resp: 140389
Ion Ratio Lower Upper
63 100
65 30.2 21.9 40.7
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 24.45 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 96 Resp: 82005
Ion Ratio Lower Upper
96 100
61 129.2 85.8 159.4
68 0.0 0.0 0.0

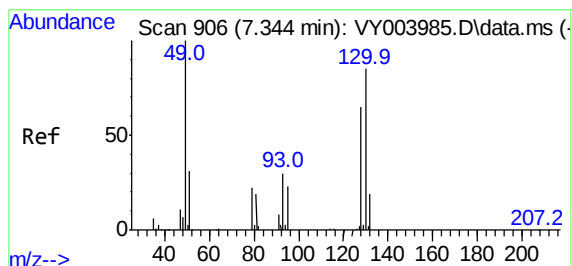
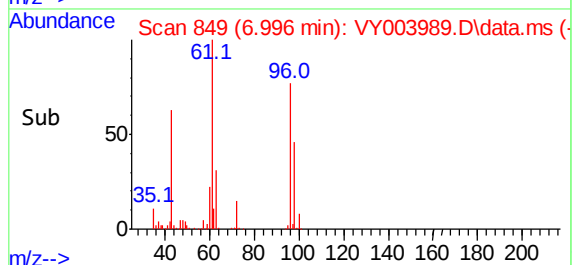
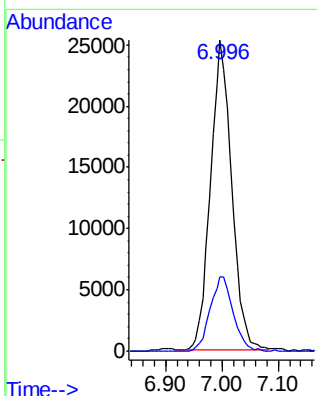
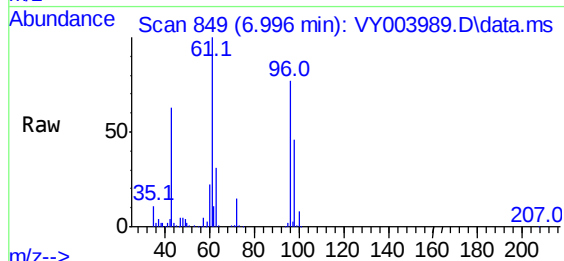




#22
2-Butanone
Concen: 41.64 ug/L
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

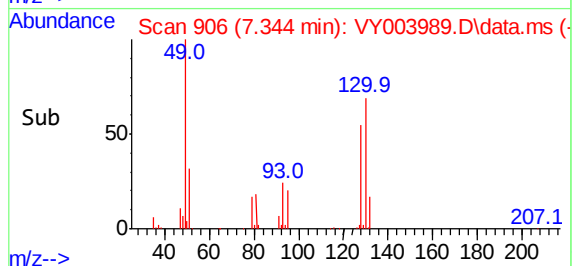
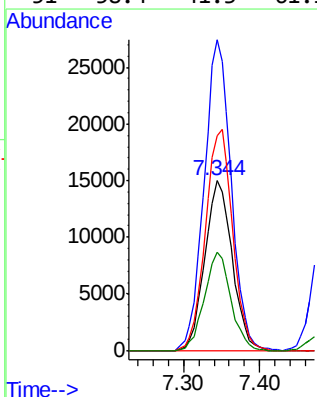
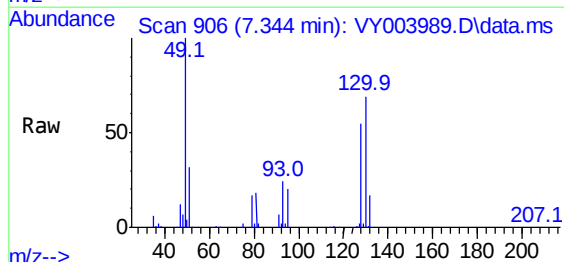
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

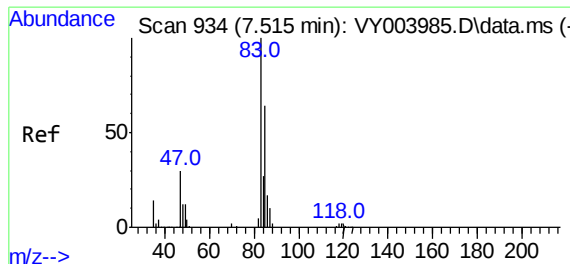
Tgt Ion: 43 Resp: 65869
Ion Ratio Lower Upper
43 100
72 25.7 13.5 40.5



#23
Bromochloromethane
Concen: 23.17 ug/L
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 128 Resp: 37303
Ion Ratio Lower Upper
128 100
49 183.4 118.1 219.3
130 126.7 90.5 168.1
51 58.4 41.3 61.9

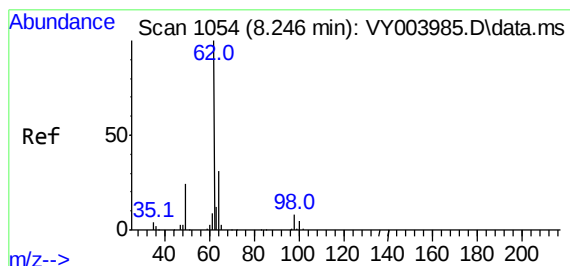
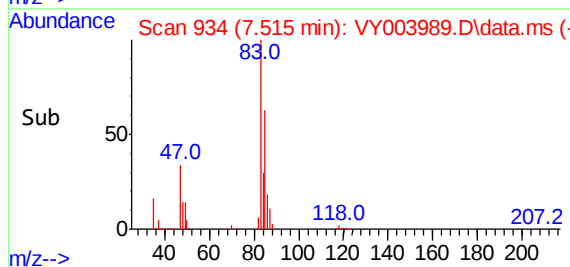
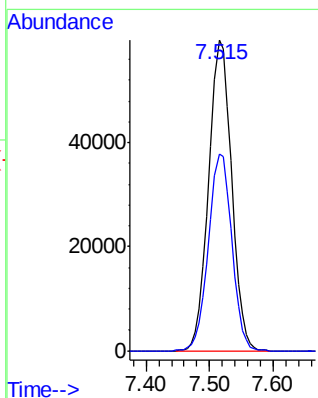
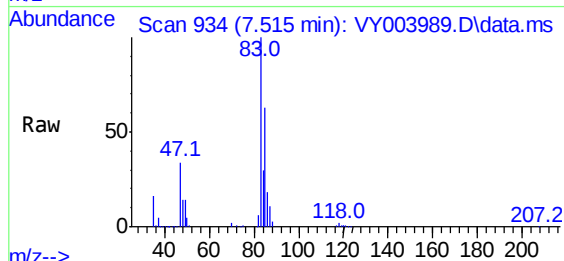




#25
Chloroform
Concen: 24.18 ug/L
RT: 7.515 min Scan# 934
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

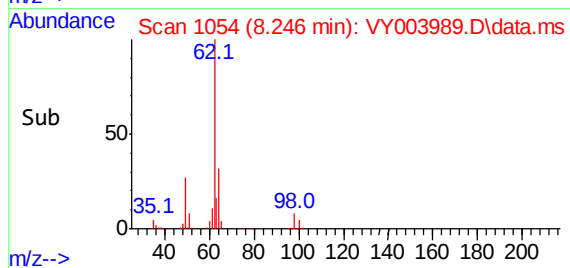
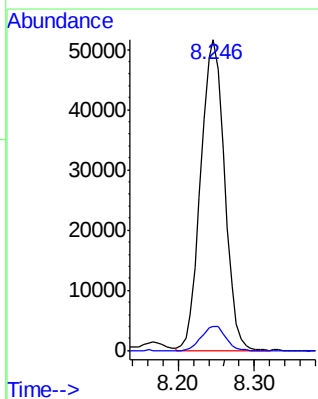
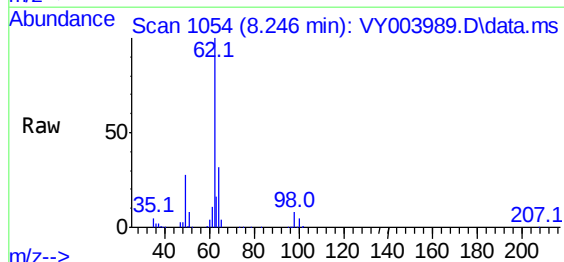
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

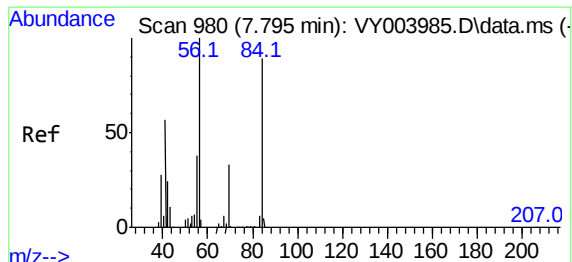
Tgt Ion: 83 Resp: 144864
Ion Ratio Lower Upper
83 100
85 63.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 24.93 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 62 Resp: 111760
Ion Ratio Lower Upper
62 100
98 7.9 7.5 11.3

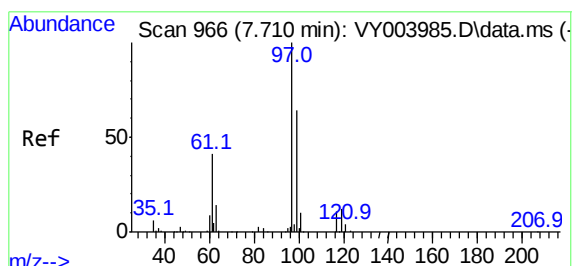
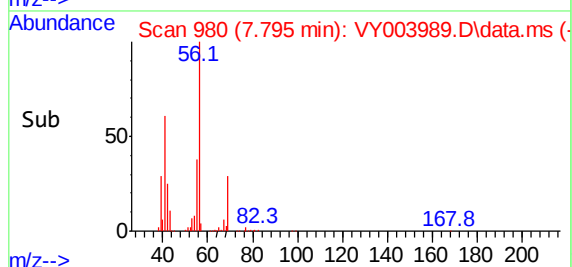
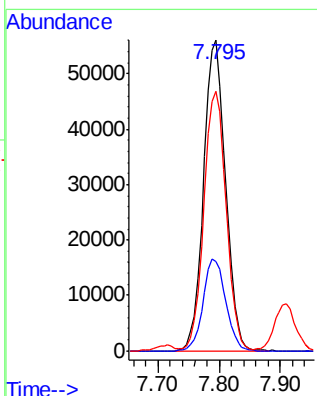
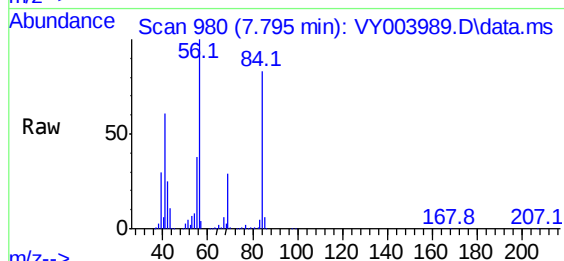




#29
Cyclohexane
Concen: 24.26 ug/L
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

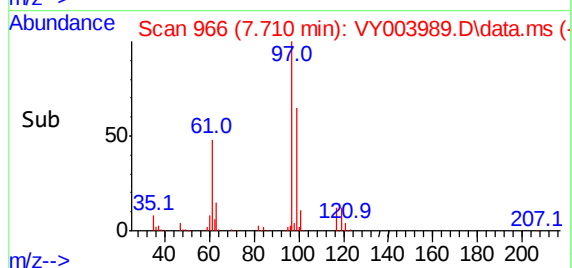
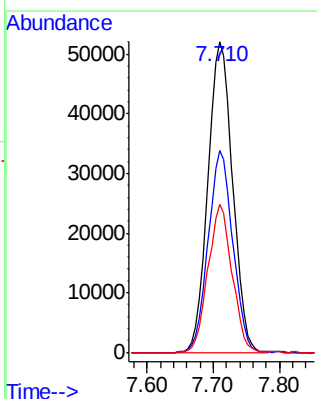
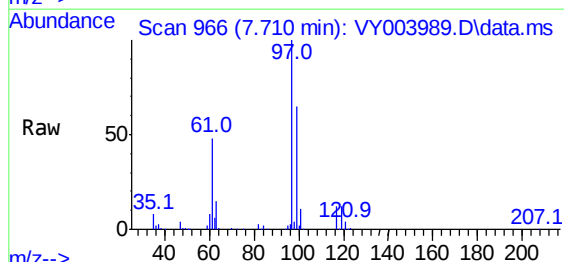
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

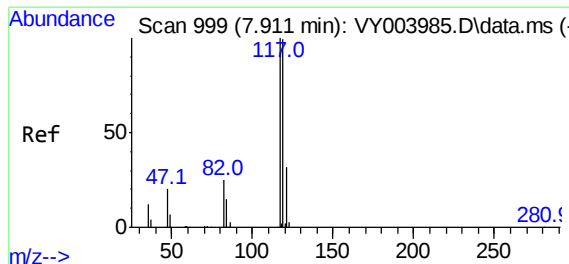
Tgt Ion: 56 Resp: 139228
Ion Ratio Lower Upper
56 100
69 30.2 23.9 35.9
84 85.1 71.9 107.9



#30
1,1,1-Trichloroethane
Concen: 24.72 ug/L
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 97 Resp: 134191
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 46.5 34.3 51.5

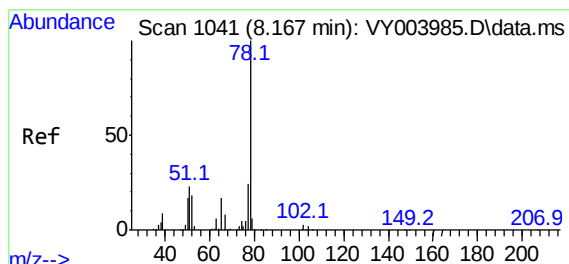
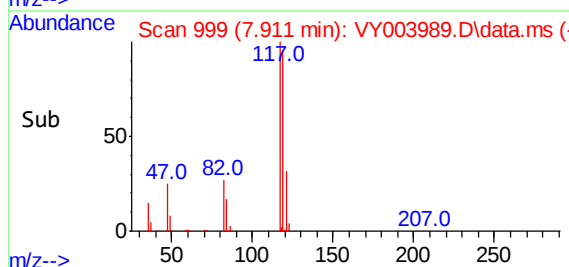
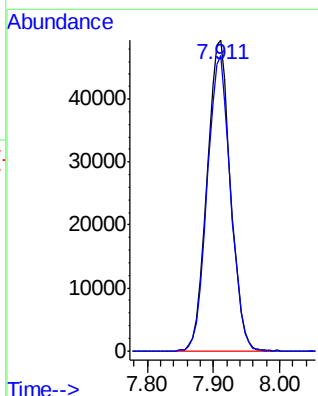
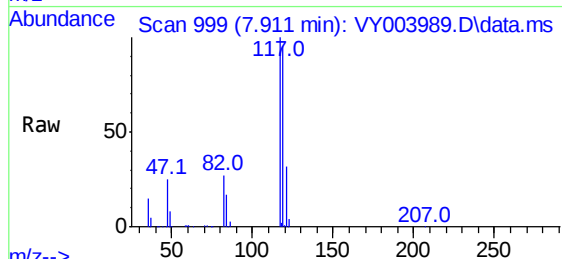




#31
Carbon tetrachloride
Concen: 24.77 ug/L
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

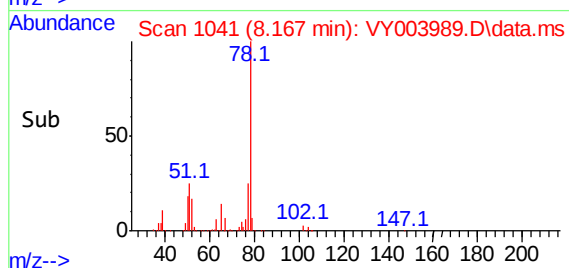
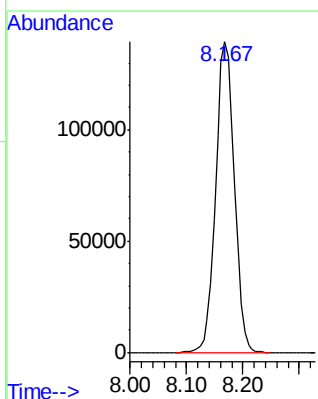
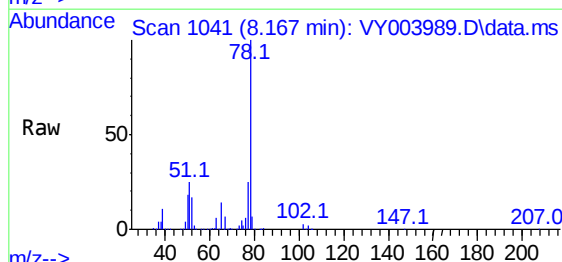
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

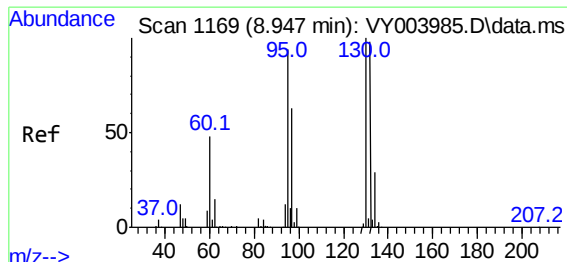
Tgt Ion:117 Resp: 120296
Ion Ratio Lower Upper
117 100
119 94.8 77.7 116.5



#33
Benzene
Concen: 24.64 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 78 Resp: 320881





#34

Trichloroethene

Concen: 23.52 ug/L

RT: 8.941 min Scan# 1168

Delta R.T. -0.006 min

Lab File: VY003989.D

Acq: 05 Feb 2021 16:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTD025509

Tgt Ion: 95 Resp: 81497

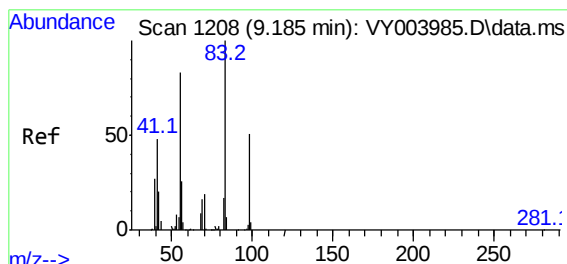
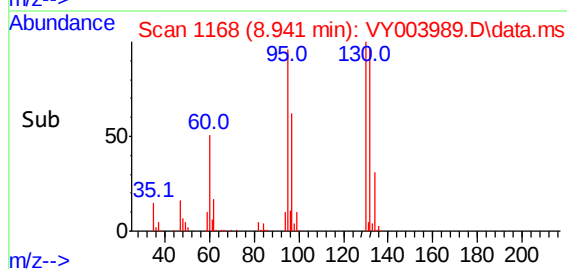
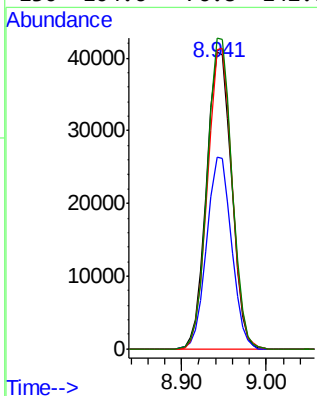
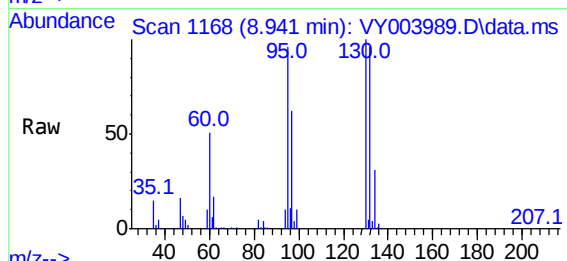
Ion Ratio Lower Upper

95 100

97 64.4 44.7 83.1

132 100.7 74.7 138.7

130 104.6 76.8 142.6



#35

Methylcyclohexane

Concen: 25.01 ug/L

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY003989.D

Acq: 05 Feb 2021 16:25

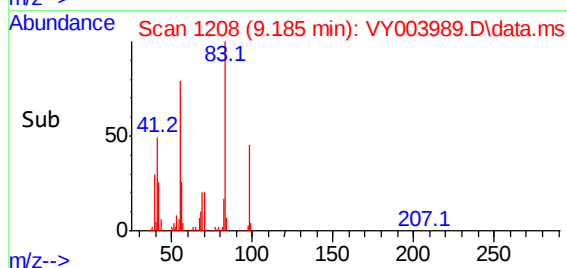
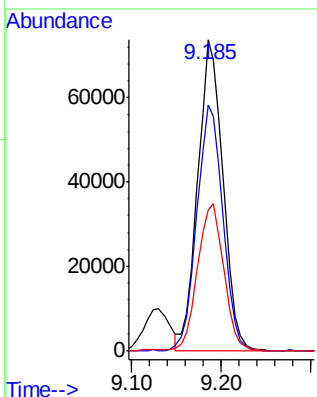
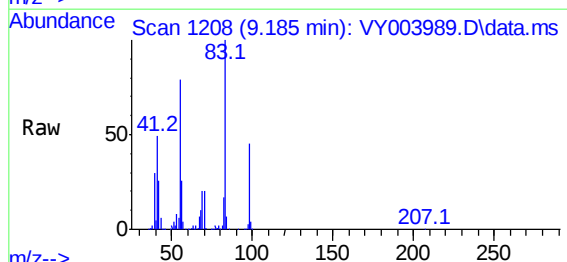
Tgt Ion: 83 Resp: 144215

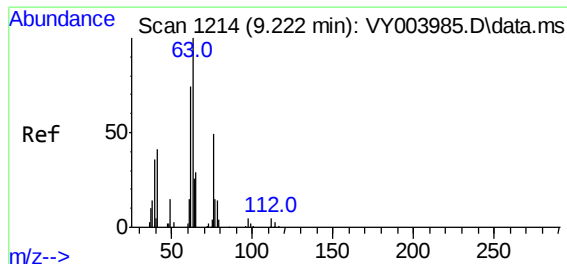
Ion Ratio Lower Upper

83 100

55 81.3 58.3 87.5

98 48.8 39.0 58.6

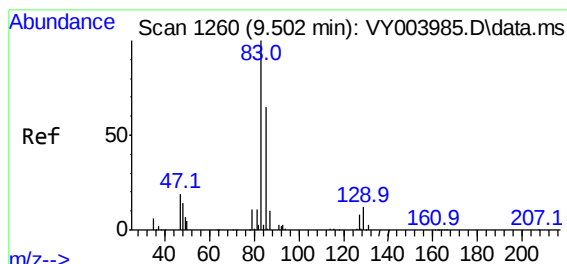
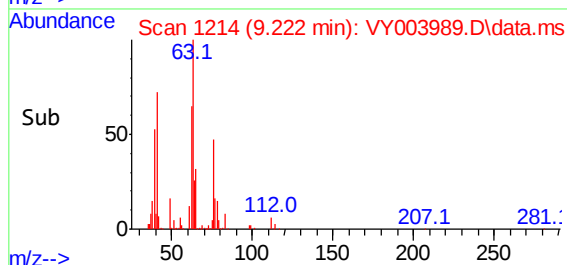
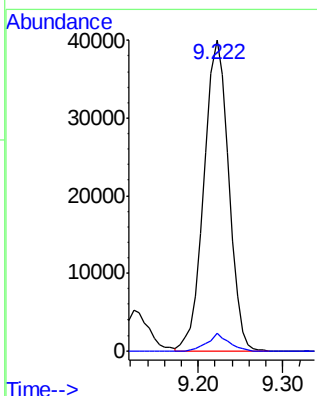
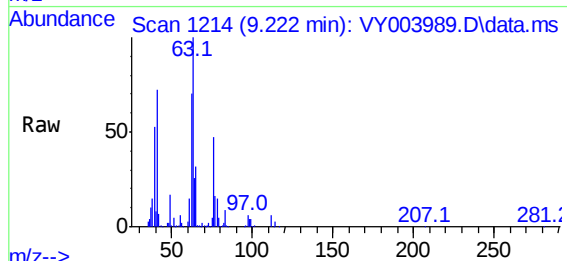




#37
1,2-Dichloropropane
Concen: 22.61 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

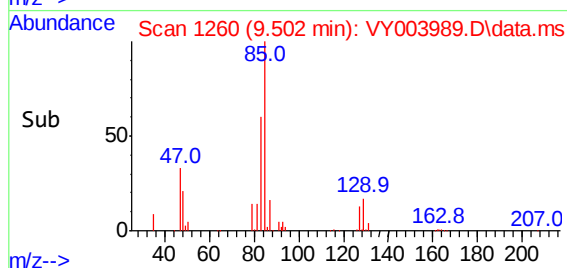
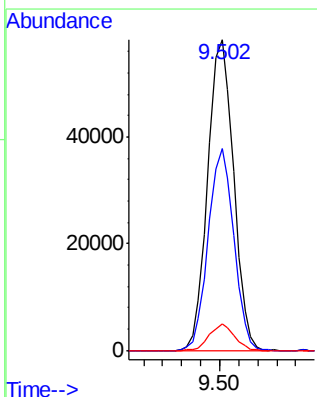
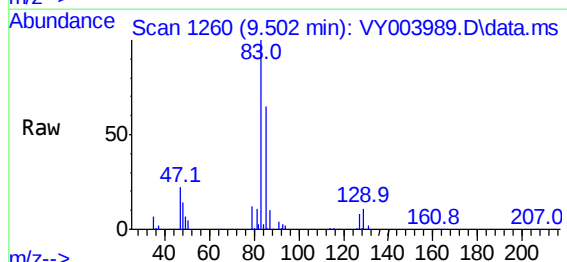
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

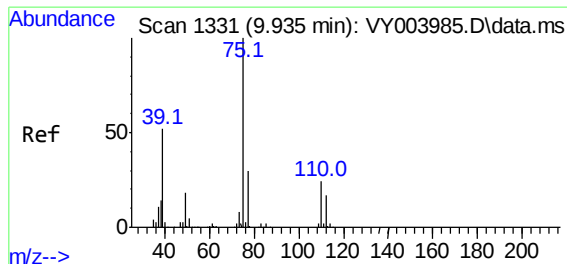
Tgt Ion: 63 Resp: 78725
Ion Ratio Lower Upper
63 100
112 4.5 3.7 5.5



#38
Bromodichloromethane
Concen: 23.76 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 83 Resp: 108946
Ion Ratio Lower Upper
83 100
85 64.9 43.1 80.1
127 8.5 7.1 10.7

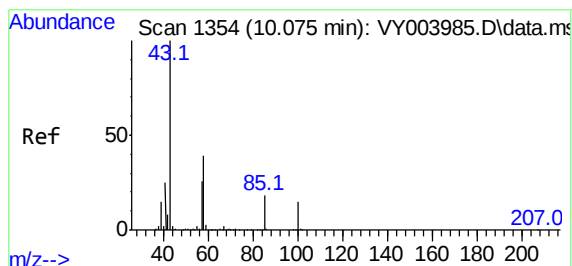
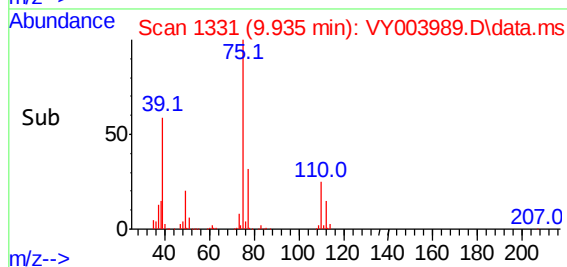
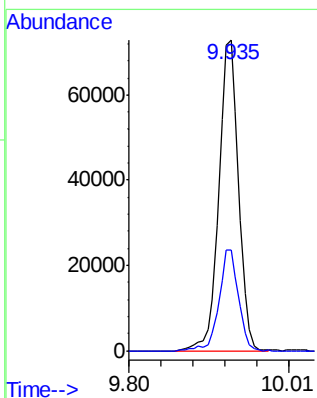
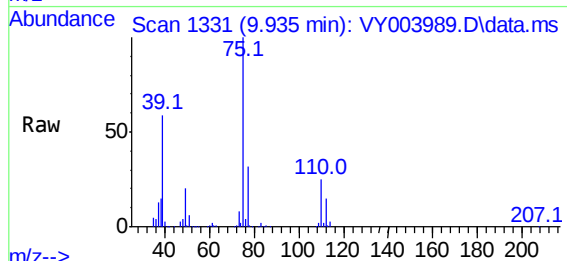




#39
cis-1,3-Dichloropropene
Concen: 24.09 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

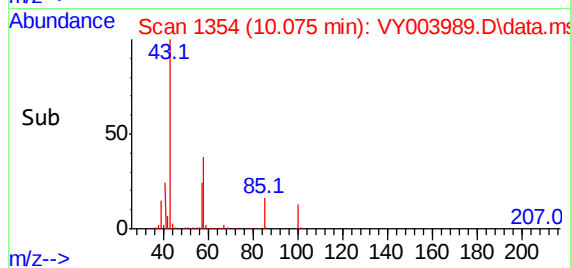
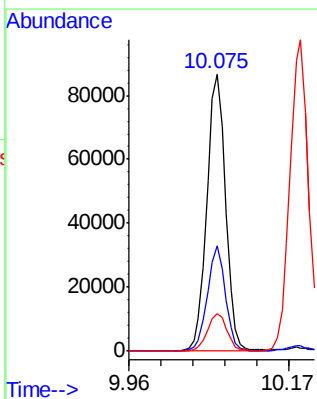
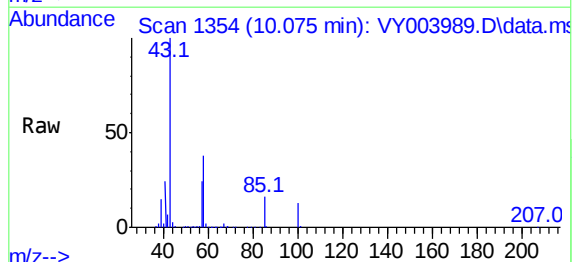
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

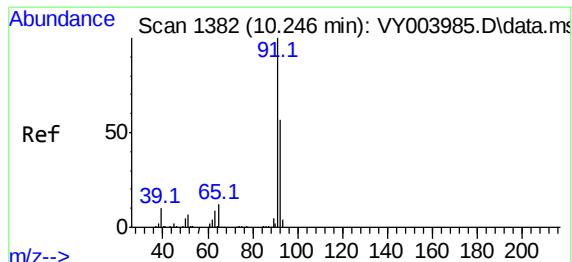
Tgt Ion: 75 Resp: 131474
Ion Ratio Lower Upper
75 100
77 32.5 23.5 43.7



#40
4-Methyl-2-pentanone
Concen: 43.19 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 43 Resp: 146599
Ion Ratio Lower Upper
43 100
58 36.2 30.7 46.1
100 13.7 12.1 18.1

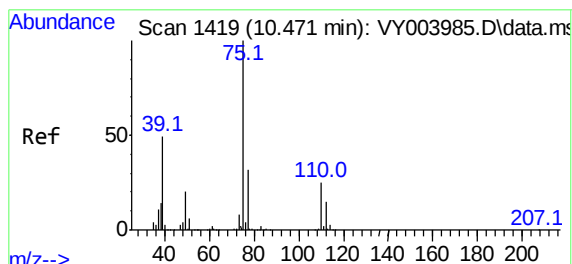
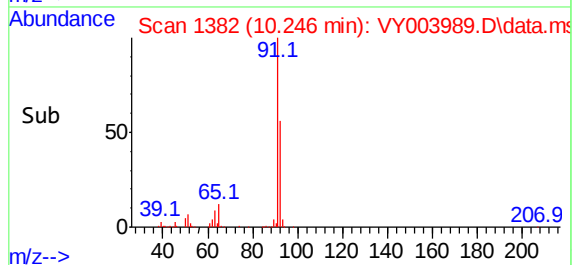
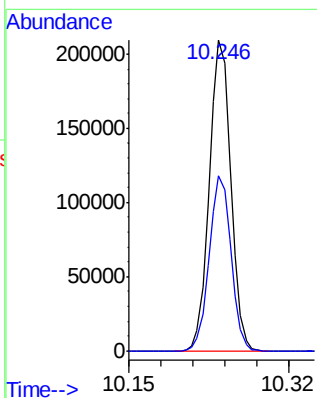
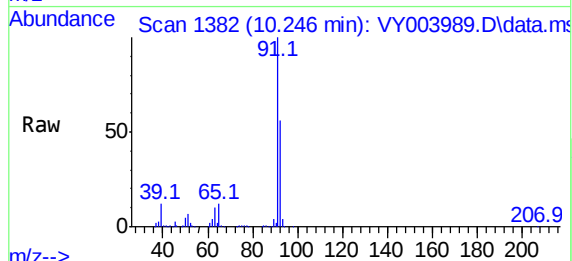




#42
Toluene
Concen: 24.60 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

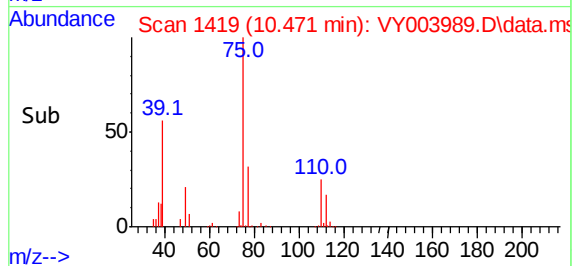
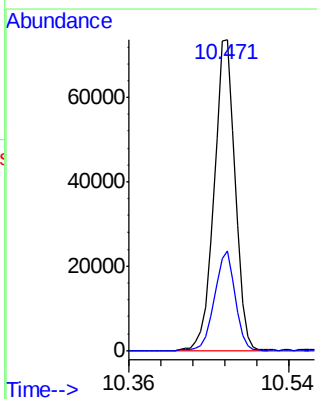
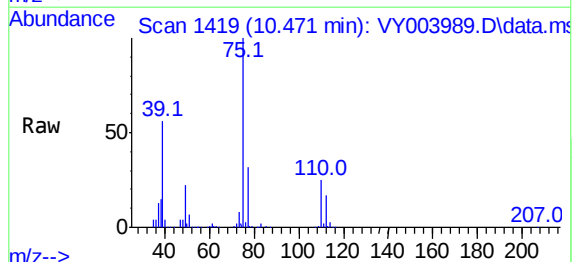
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

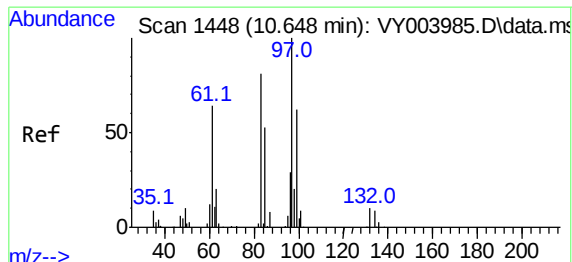
Tgt Ion: 91 Resp: 349337
Ion Ratio Lower Upper
91 100
92 56.3 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 24.35 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 75 Resp: 123723
Ion Ratio Lower Upper
75 100
77 31.9 22.9 42.5



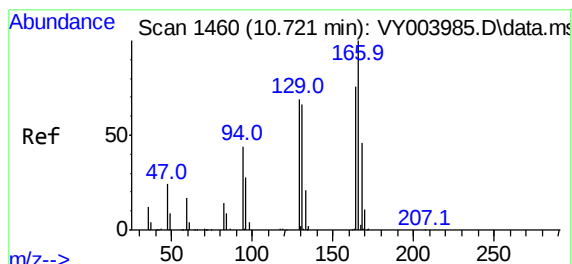
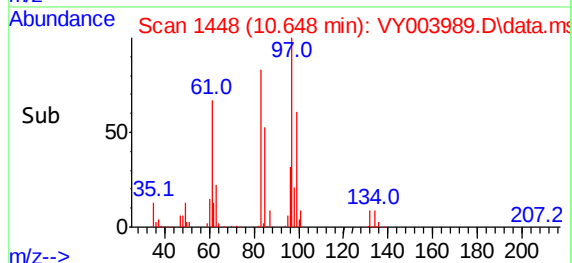
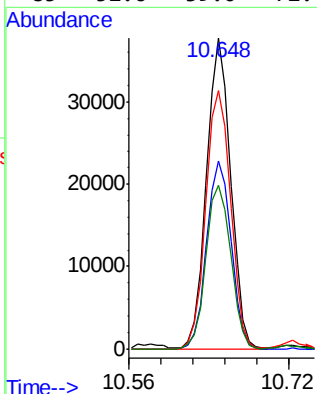
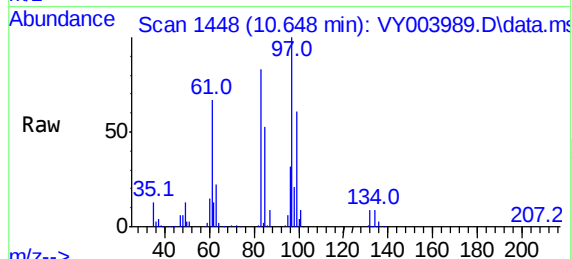


#45
1,1,2-Trichloroethane
Concen: 23.43 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

Tgt Ion: 97 Resp: 61918

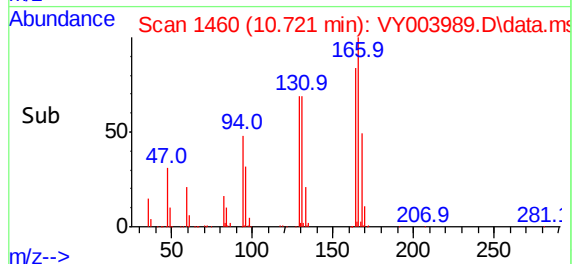
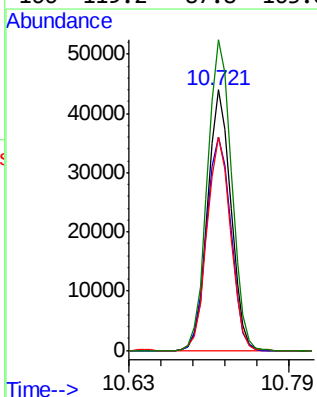
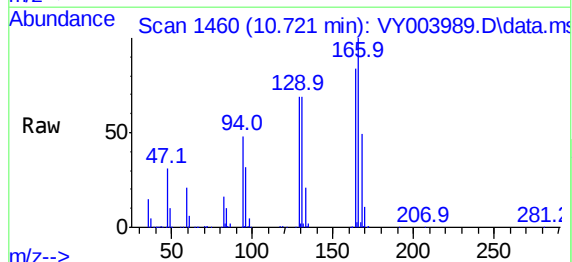
Ion	Ratio	Lower	Upper
97	100		
99	60.5	45.1	83.9
83	83.1	59.7	110.9
85	52.6	39.0	72.4

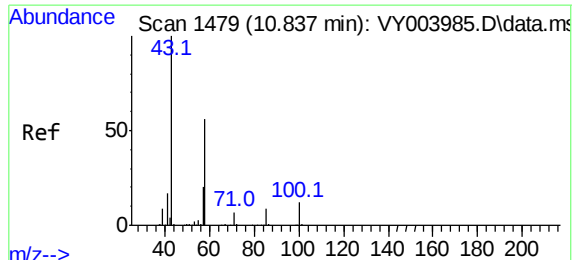


#46
Tetrachloroethene
Concen: 24.18 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 164 Resp: 69221

Ion	Ratio	Lower	Upper
164	100		
129	82.1	58.9	109.5
131	82.1	59.0	109.6
166	119.2	87.8	163.0



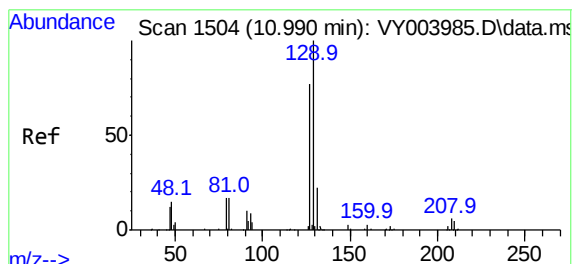
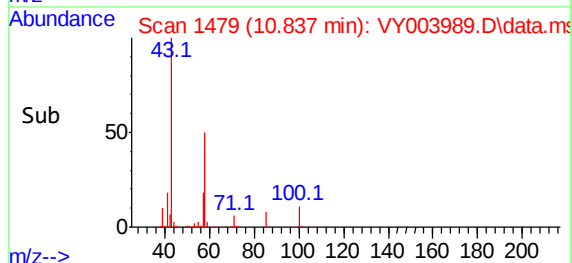
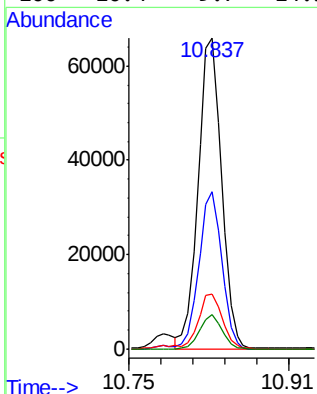
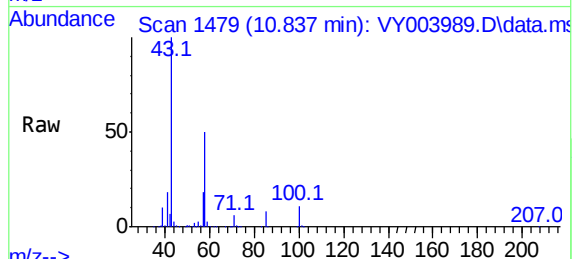


#48
2-Hexanone
Concen: 43.62 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

Tgt Ion: 43 Resp: 106168

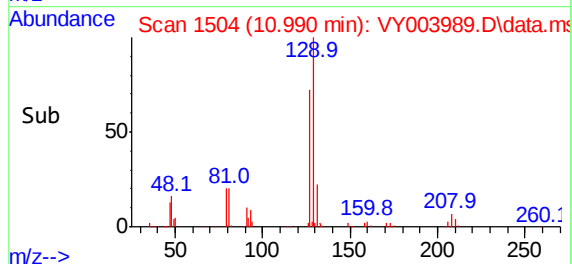
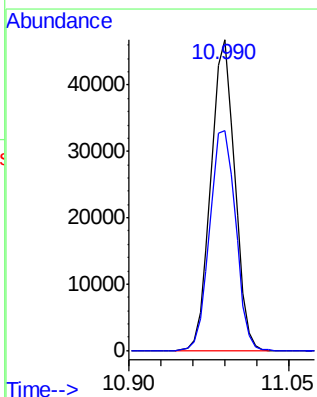
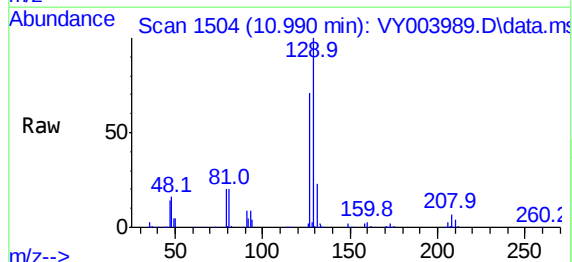
Ion	Ratio	Lower	Upper
43	100		
58	49.2	43.0	64.6
57	17.8	14.6	21.8
100	10.4	9.7	14.5

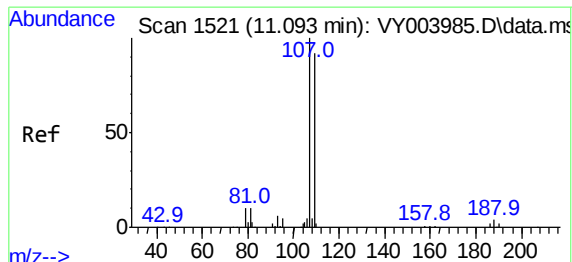


#49
Dibromochloromethane
Concen: 23.24 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 129 Resp: 76162

Ion	Ratio	Lower	Upper
129	100		
127	70.9	55.0	102.2

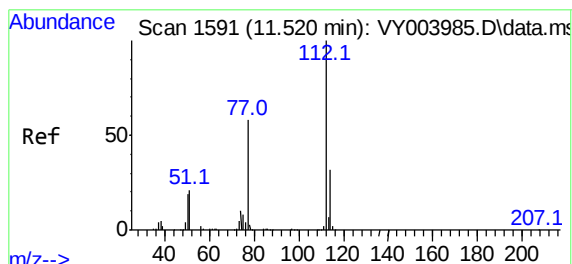
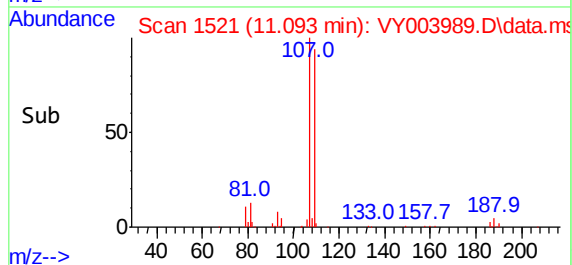
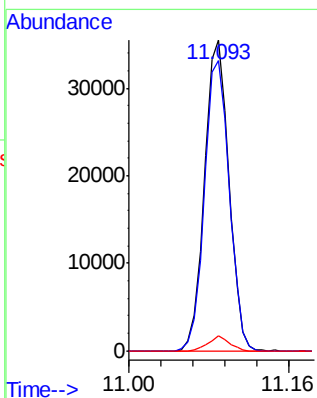
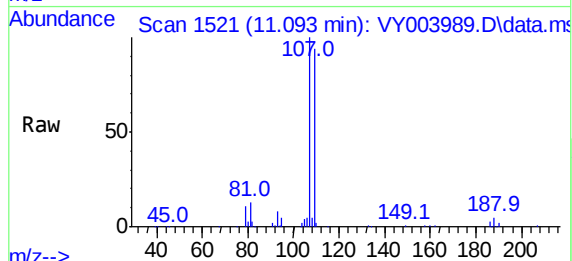




#50
1,2-Dibromoethane
Concen: 22.61 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

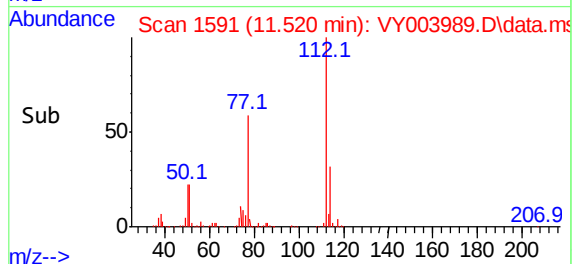
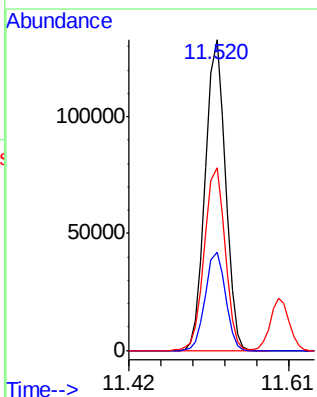
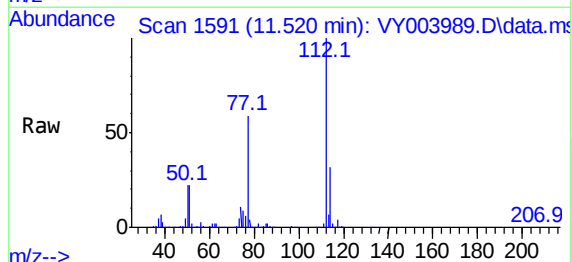
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

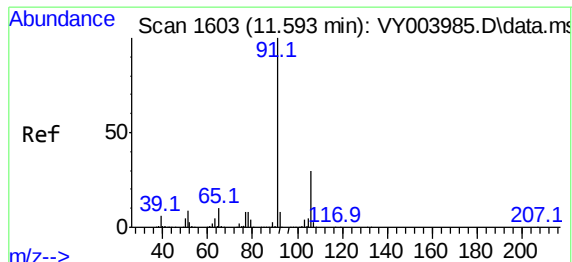
Tgt Ion:107 Resp: 58620
Ion Ratio Lower Upper
107 100
109 93.5 65.5 121.7
188 4.7 3.8 5.8



#51
Chlorobenzene
Concen: 23.74 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:112 Resp: 211479
Ion Ratio Lower Upper
112 100
114 31.6 22.2 41.2
77 58.7 43.8 65.6

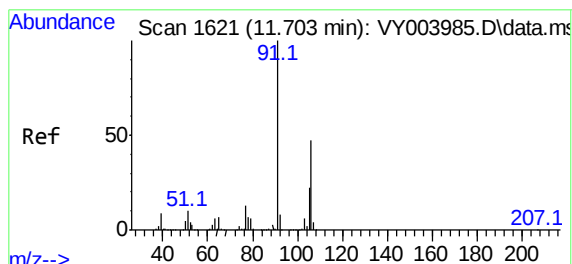
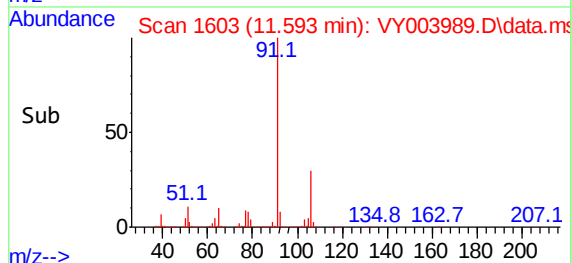
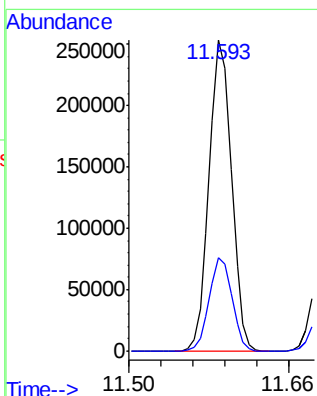
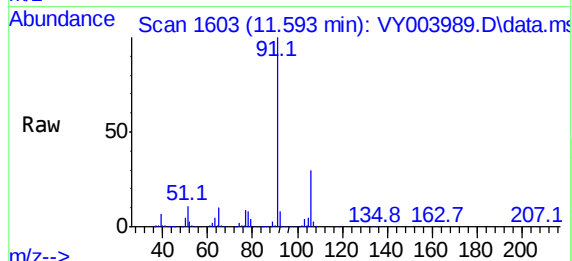




#52
Ethylbenzene
Concen: 24.37 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

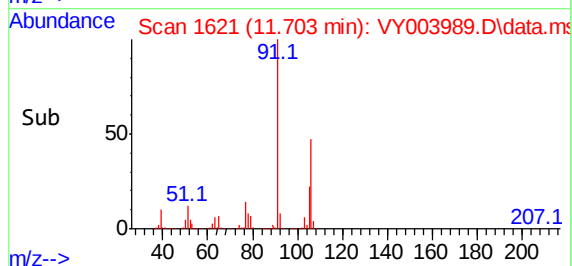
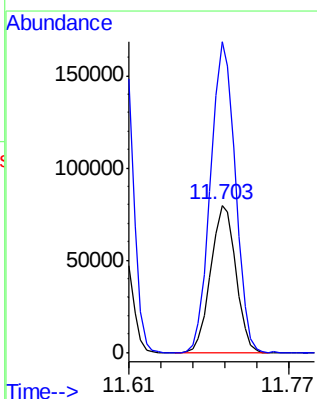
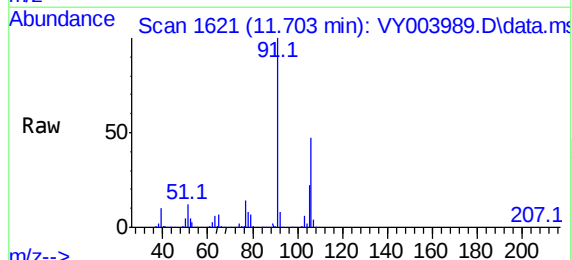
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

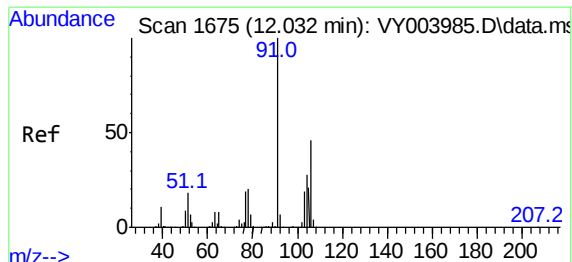
Tgt Ion: 91 Resp: 386819
Ion Ratio Lower Upper
91 100
106 30.0 22.8 42.4



#53
m,p-Xylene
Concen: 24.25 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 106 Resp: 143887
Ion Ratio Lower Upper
106 100
91 210.7 133.1 247.3

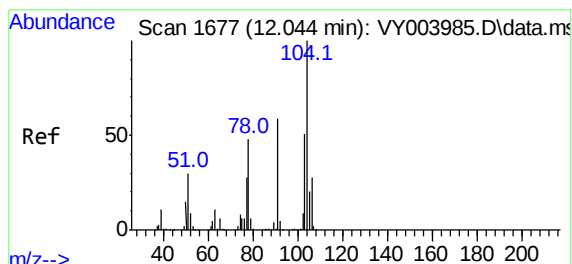
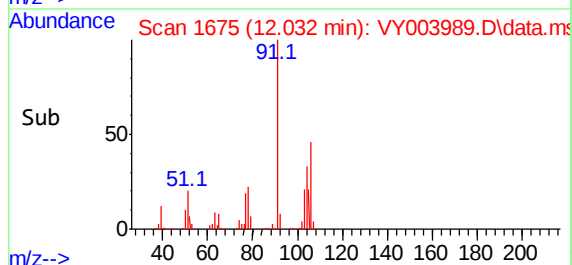
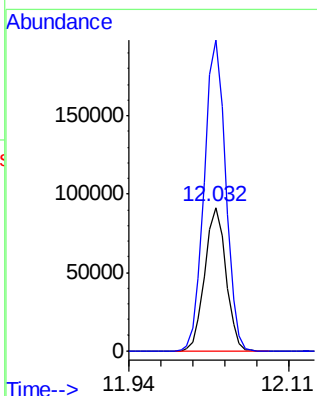
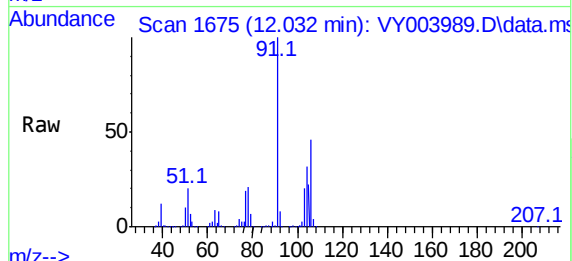




#54
o-Xylene
Concen: 24.46 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

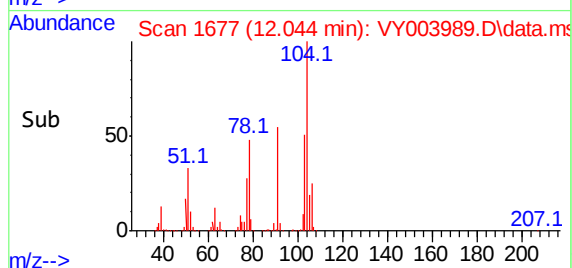
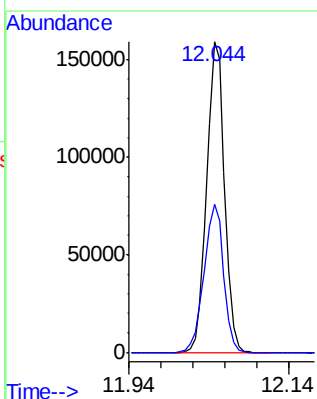
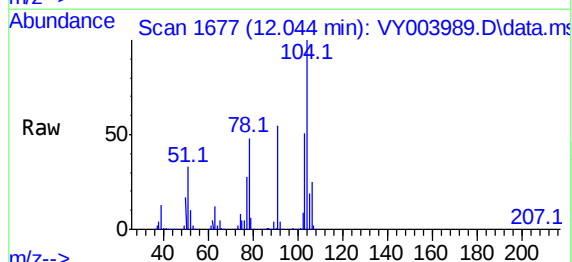
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

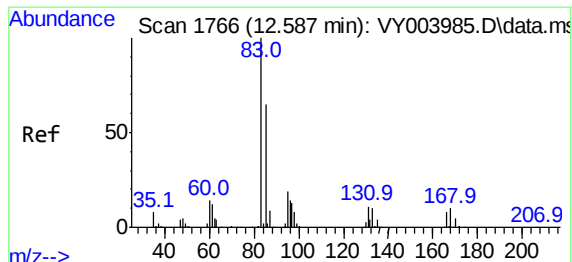
Tgt Ion:106 Resp: 138898
Ion Ratio Lower Upper
106 100
91 217.0 144.1 267.5



#55
Styrene
Concen: 25.01 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:104 Resp: 246461
Ion Ratio Lower Upper
104 100
78 47.5 27.6 51.4

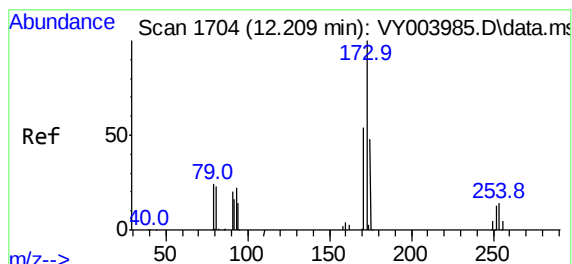
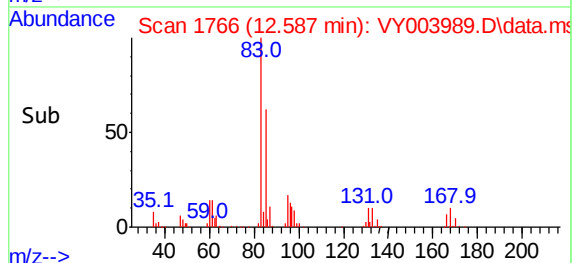
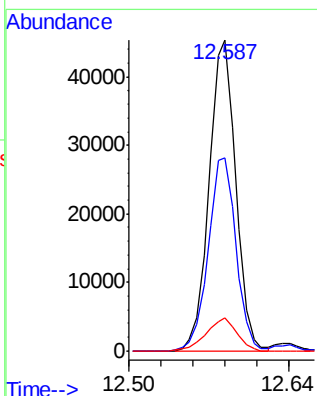
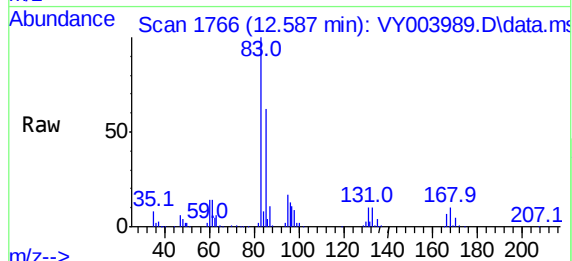




#57
1,1,2,2-Tetrachloroethane
Concen: 21.18 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

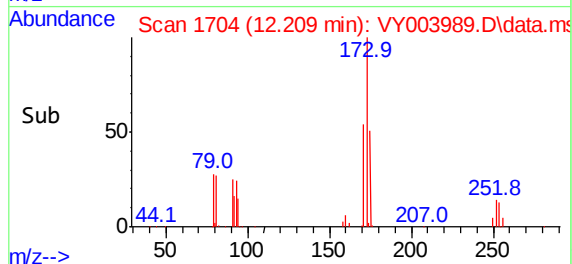
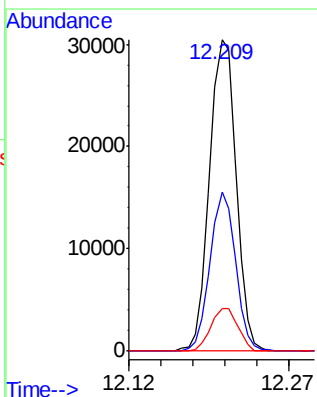
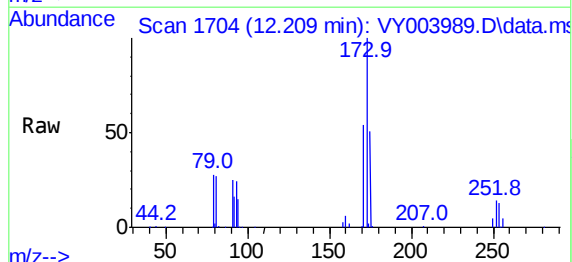
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

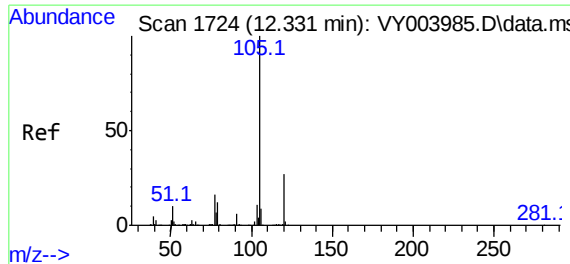
Tgt Ion: 83 Resp: 72181
Ion Ratio Lower Upper
83 100
85 62.0 46.1 85.7
131 10.4 8.1 12.1



#59
Bromoform
Concen: 22.73 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 173 Resp: 51600
Ion Ratio Lower Upper
173 100
175 48.7 38.2 57.4
254 13.6 8.0 12.0#

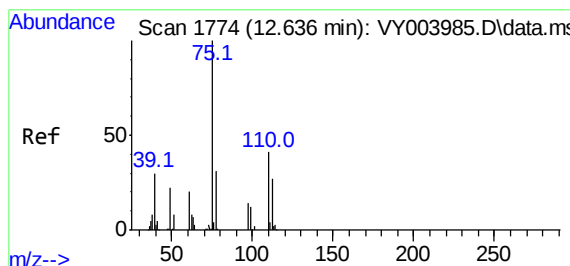
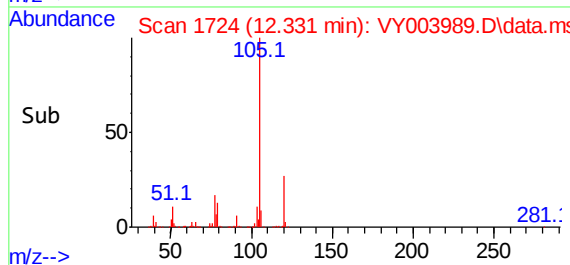
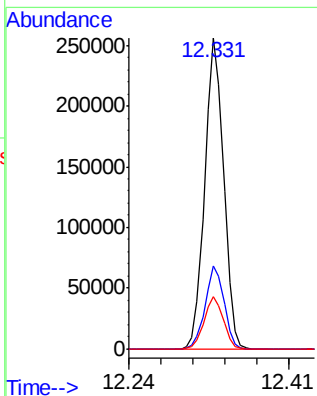
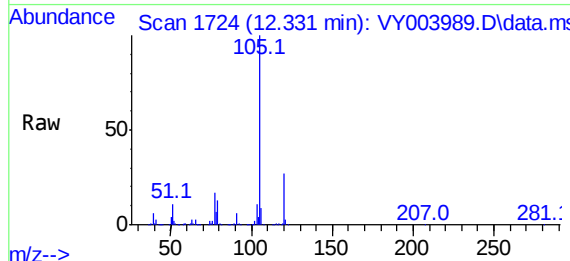




#60
Isopropylbenzene
Concen: 24.25 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

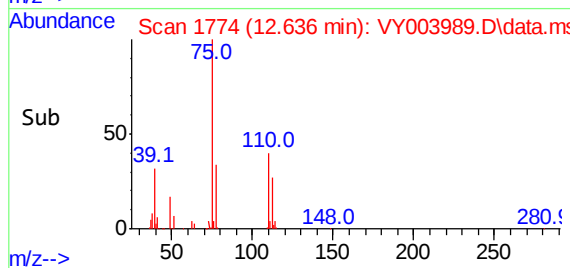
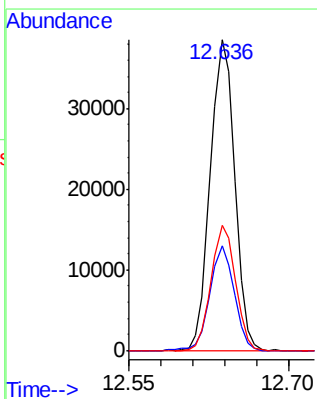
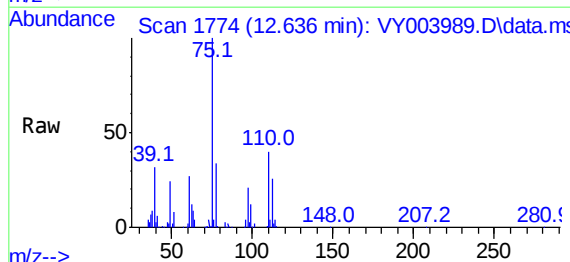
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

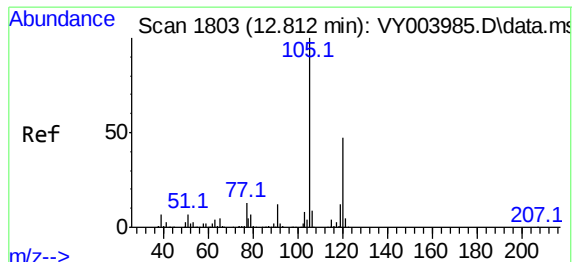
Tgt Ion:105 Resp: 376857
Ion Ratio Lower Upper
105 100
120 26.5 22.0 33.0
77 16.7 12.1 18.1



#61
1,2,3-Trichloropropane
Concen: 21.82 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 75 Resp: 59880
Ion Ratio Lower Upper
75 100
77 33.7 26.3 39.5
110 40.1 33.0 49.4

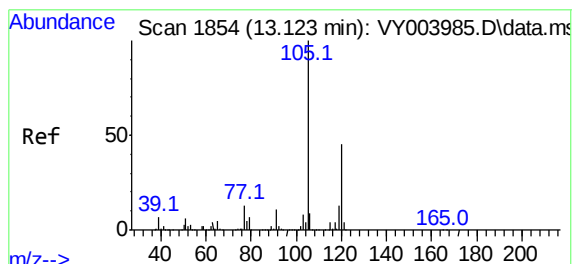
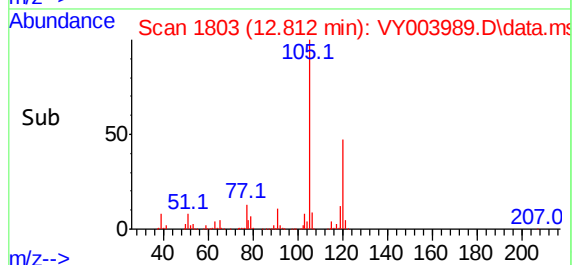
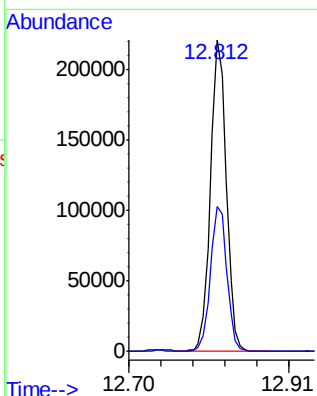
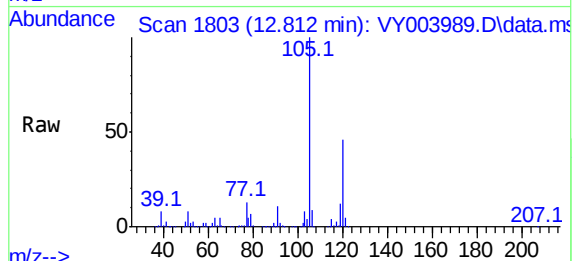




#62
1,3,5-Trimethylbenzene
Concen: 23.98 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

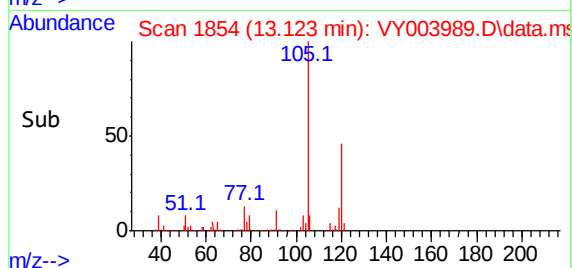
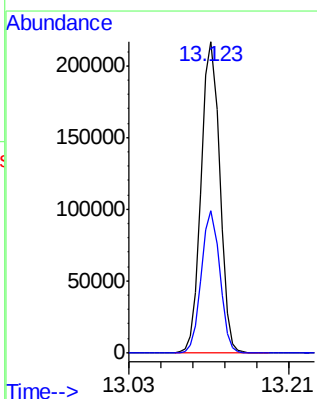
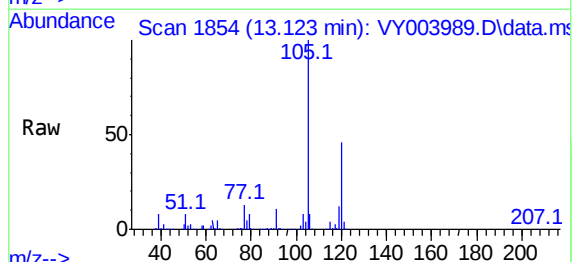
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

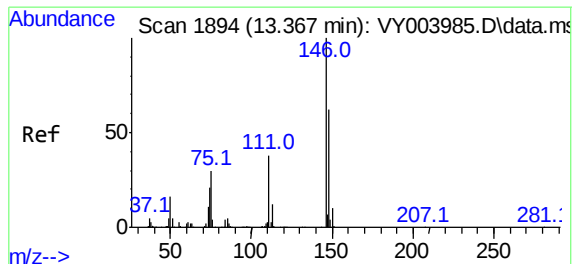
Tgt Ion:105 Resp: 316654
Ion Ratio Lower Upper
105 100
120 47.9 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 24.37 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:105 Resp: 316789
Ion Ratio Lower Upper
105 100
120 45.2 38.0 57.0

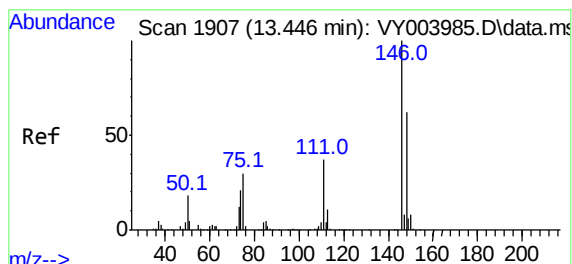
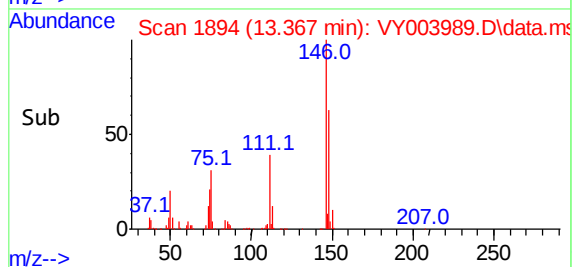
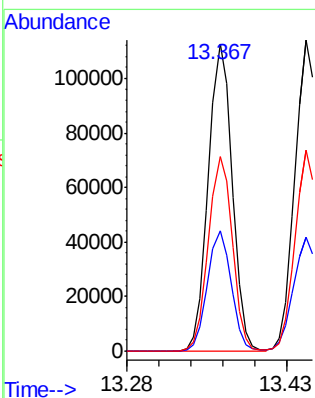
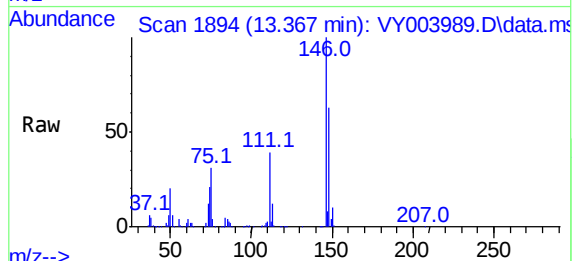




#64
1,3-Dichlorobenzene
Concen: 23.85 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

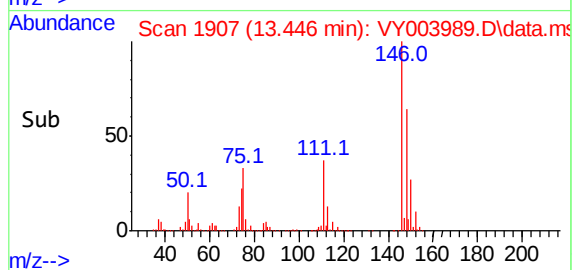
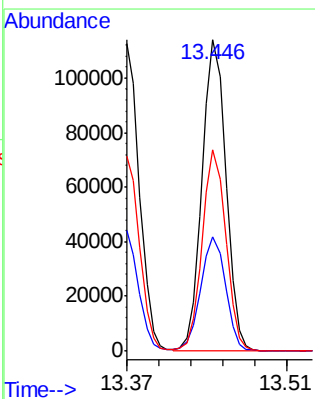
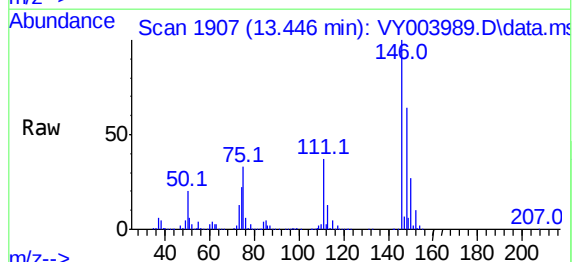
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

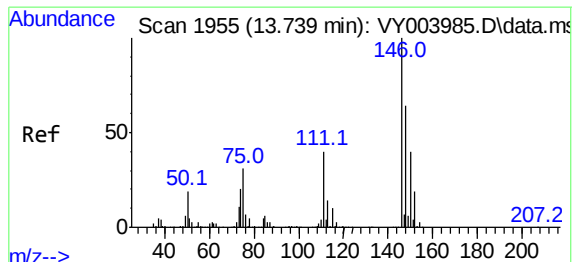
Tgt Ion:146 Resp: 171338
Ion Ratio Lower Upper
146 100
111 39.2 26.6 49.4
148 63.2 46.3 86.1



#65
1,4-Dichlorobenzene
Concen: 24.00 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:146 Resp: 172587
Ion Ratio Lower Upper
146 100
111 36.7 24.7 45.9
148 64.4 43.4 80.6

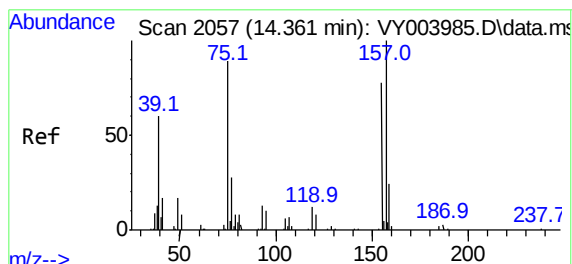
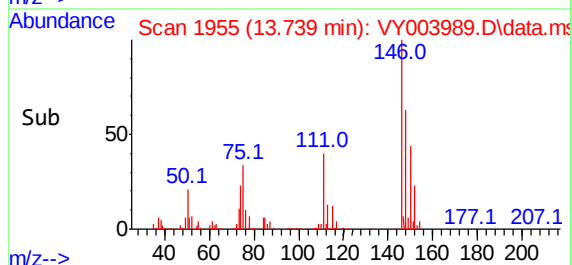
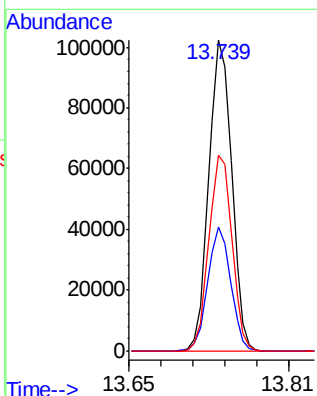
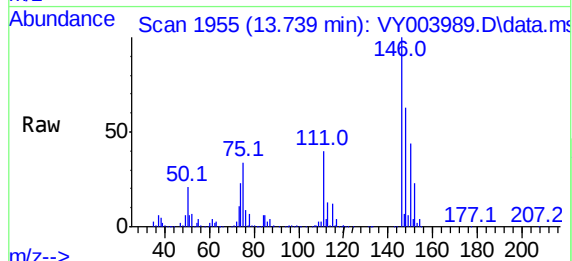




#67
1,2-Dichlorobenzene
Concen: 23.79 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

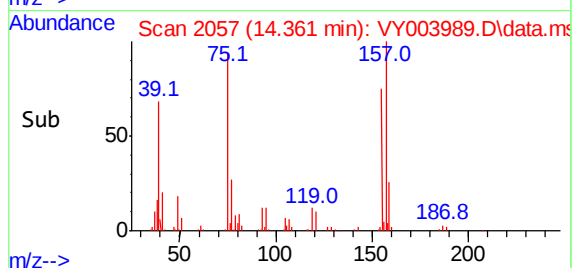
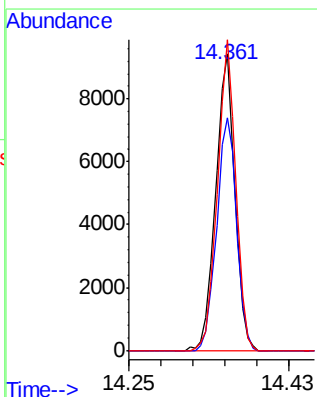
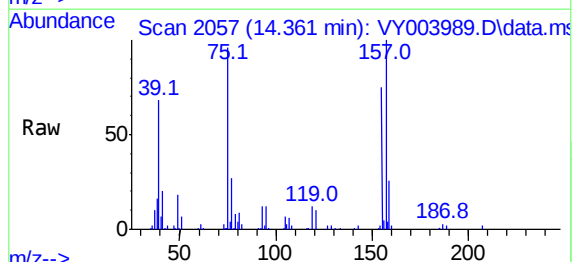
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

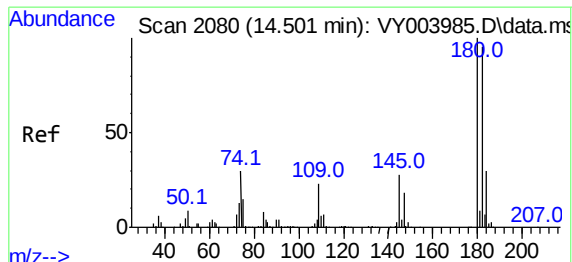
Tgt Ion:146 Resp: 158873
Ion Ratio Lower Upper
146 100
111 39.9 31.0 46.6
148 62.9 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 21.64 ug/L
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion: 75 Resp: 14500
Ion Ratio Lower Upper
75 100
155 78.2 73.4 110.0
157 104.5 98.1 147.1

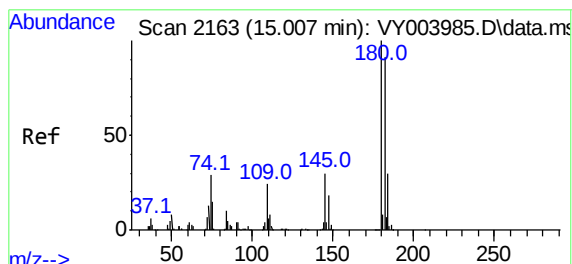
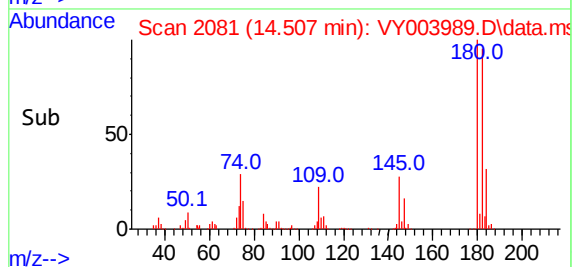
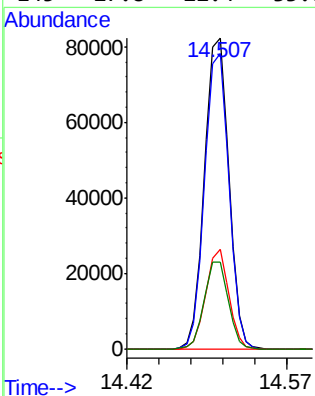
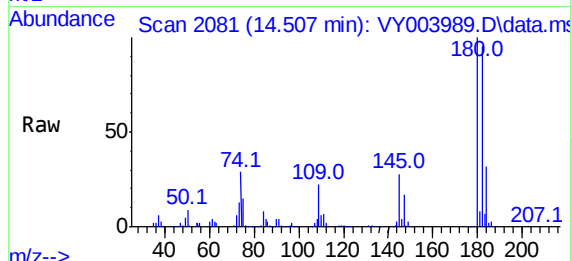




#69
1,3,5-Trichlorobenzene
Concen: 24.23 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

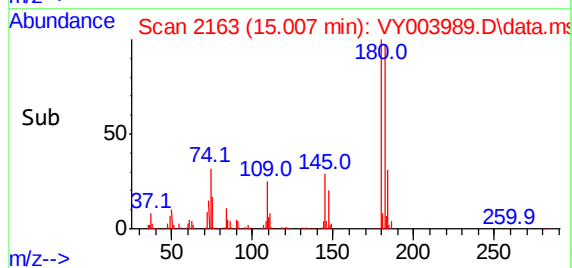
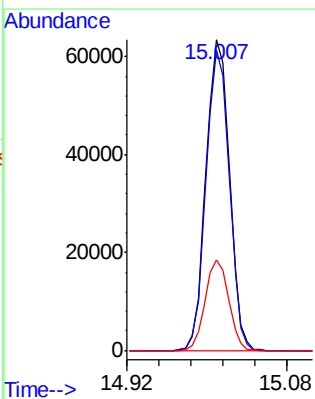
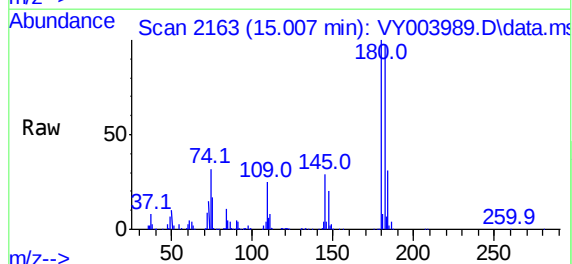
Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

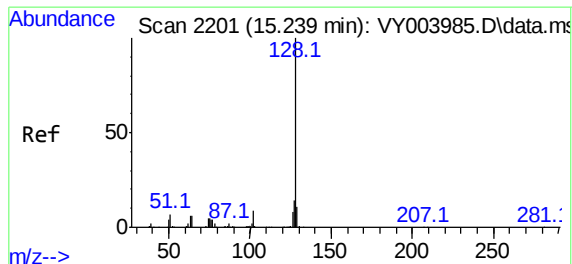
Tgt Ion:180 Resp: 126890
Ion Ratio Lower Upper
180 100
182 94.8 75.4 113.0
184 30.2 24.1 36.1
145 27.8 22.4 33.6



#70
1,2,4-trichlorobenzene
Concen: 23.27 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:180 Resp: 101072
Ion Ratio Lower Upper
180 100
182 95.9 76.1 114.1
145 29.0 22.8 34.2

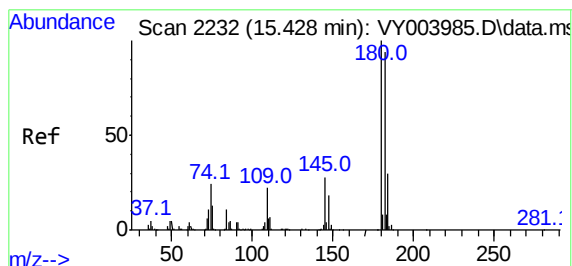
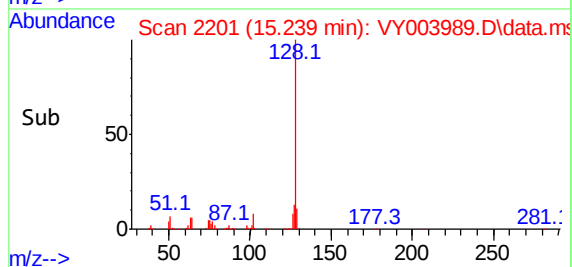
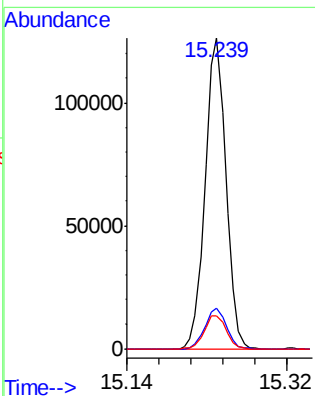
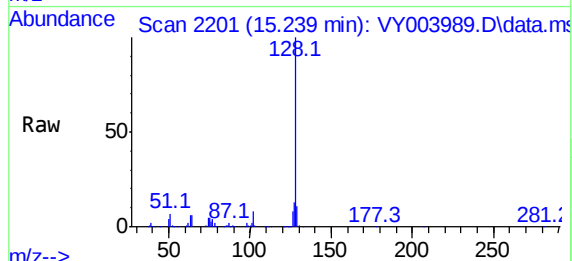




#71
Naphthalene
Concen: 22.52 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Instrument :
MSVOA_Y
ClientSampleId :
VSTD025509

Tgt Ion:128 Resp: 204383
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 11.3 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 23.60 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY003989.D
Acq: 05 Feb 2021 16:25

Tgt Ion:180 Resp: 89101
Ion Ratio Lower Upper
180 100
182 94.6 76.2 114.4
145 30.6 23.6 35.4

