

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021121\
 Data File : VW020306.D
 Acq On : 11 Feb 2021 18:26
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05092

Quant Time: Feb 12 00:29:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 00:25:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	564762	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	548624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	298277	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	163389	39.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.36%
7) Chloroethane-d5	1.564	69	151101	44.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.46%
11) 1,1-Dichloroethene-d2	2.108	63	352279	45.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.52%
21) 2-Butanone-d5	3.883	46	231545	100.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.65%
24) Chloroform-d	4.352	84	334691	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.36%
26) 1,2-Dichloroethane-d4	5.034	65	217717	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
32) Benzene-d6	5.053	84	650518	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
36) 1,2-Dichloropropane-d6	6.072	67	203778	48.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.04%
41) Toluene-d8	7.320	98	612152	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%
43) trans-1,3-Dichloroprop...	7.625	79	98742	45.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.30%
47) 2-Hexanone-d5	8.091	63	176716	100.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	293507	48.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.34%
64) 1,2-Dichlorobenzene-d4	11.632	152	264140	46.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.60%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	238950	47.58	ug/L	99
3) Chloromethane	1.240	50	220932	49.49	ug/L	98
5) Vinyl chloride	1.310	62	242571	50.47	ug/L	100
6) Bromomethane	1.519	94	156961	52.25	ug/L	100
8) Chloroethane	1.581	64	157042	52.24	ug/L	99
9) Trichlorofluoromethane	1.751	101	335501	49.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	180585	49.68	ug/L	93
12) 1,1-Dichloroethene	2.117	96	176450	50.37	ug/L	79
13) Acetone	2.172	43	167827	103.35	ug/L	95
14) Carbon disulfide	2.294	76	487734	47.24	ug/L	99
15) Methyl Acetate	2.429	43	178879	51.77	ug/L	93
16) Methylene chloride	2.507	84	197306	51.41	ug/L	89
17) trans-1,2-Dichloroethene	2.761	96	183429	50.50	ug/L	91
18) Methyl tert-butyl Ether	2.767	73	550780	49.93	ug/L	97
19) 1,1-Dichloroethane	3.188	63	336465	50.99	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	200936	51.44	ug/L	88
22) 2-Butanone	3.966	43	241200	104.44	ug/L	94
23) Bromochloromethane	4.249	128	106060	50.21	ug/L #	82
25) Chloroform	4.378	83	365365	52.88	ug/L	96
27) 1,2-Dichloroethane	5.133	62	283420	51.81	ug/L	97

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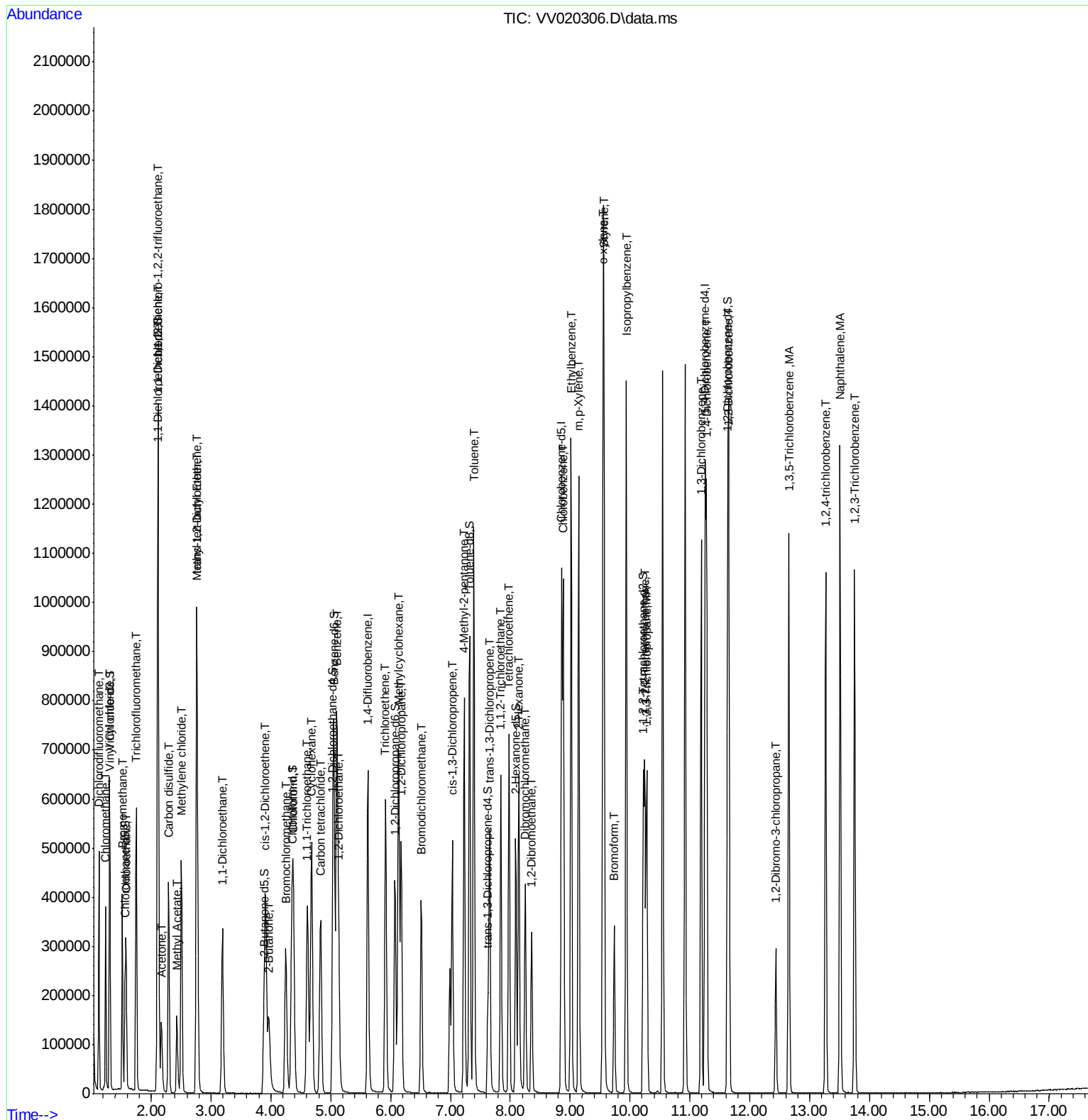
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	272351	48.96	ug/L	91
30) 1,1,1-Trichloroethane	4.609	97	306922	50.38	ug/L	98
31) Carbon tetrachloride	4.831	117	265354	50.08	ug/L	100
33) Benzene	5.101	78	758622	51.71	ug/L	100
34) Trichloroethene	5.915	95	204097	50.63	ug/L	95
35) Methylcyclohexane	6.133	83	295350	48.39	ug/L	93
37) 1,2-Dichloropropane	6.175	63	195010	52.48	ug/L	98
38) Bromodichloromethane	6.513	83	259371	50.78	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	301328	51.21	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	490105	104.61	ug/L #	93
42) Toluene	7.391	91	832949	51.62	ug/L	97
44) trans-1,3-Dichloropropene	7.654	75	294856	51.53	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	195183	51.04	ug/L	98
46) Tetrachloroethene	7.979	164	158570	48.14	ug/L	96
48) 2-Hexanone	8.143	43	378880	105.70	ug/L #	93
49) Dibromochloromethane	8.249	129	209756	49.71	ug/L	97
50) 1,2-Dibromoethane	8.355	107	209127	51.05	ug/L	100
51) Chlorobenzene	8.886	112	545677	50.41	ug/L	97
52) Ethylbenzene	9.018	91	911295	51.14	ug/L	99
53) m,p-Xylene	9.143	106	341827	50.37	ug/L	98
54) o-xylene	9.548	106	335622	50.81	ug/L	99
55) Styrene	9.564	104	596798	52.50	ug/L	96
56) Isopropylbenzene	9.937	105	901681	50.86	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	302043	50.13	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	254451	51.07	ug/L	99
61) Bromoform	9.738	173	147008	48.44	ug/L #	98
62) 1,3-Dichlorobenzene	11.188	146	440874	49.97	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	456318	50.44	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	441161	50.08	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	67628	50.04	ug/L	84
67) 1,3,5-Trichlorobenzene	12.654	180	342481	49.71	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	312091	51.05	ug/L	97
69) Naphthalene	13.509	128	976928	55.80	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	317776	52.21	ug/L	98

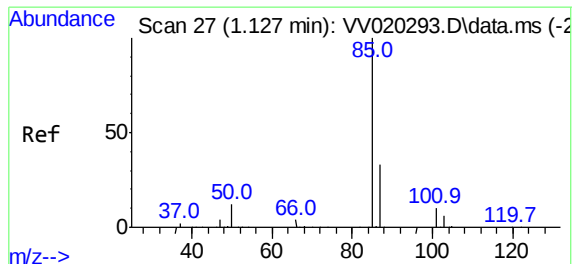
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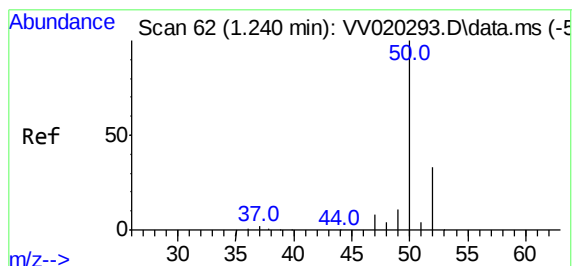
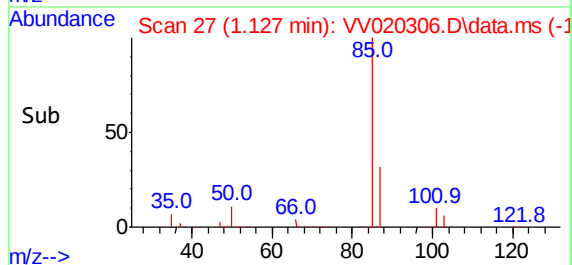
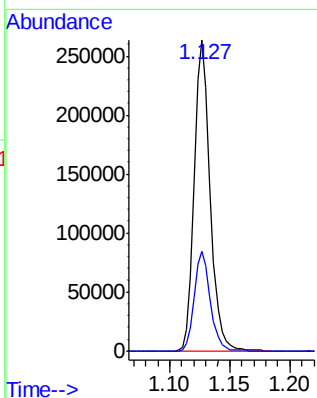
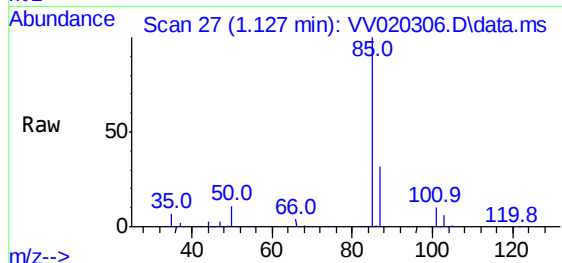


#2
 Dichlorodifluoromethane
 Concen: 47.58 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV020306.D
 Acq: 11 Feb 2021 18:26

Instrument :
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 ClientSampleId :
 VSTD05092

Tgt Ion: 85 Resp: 238950

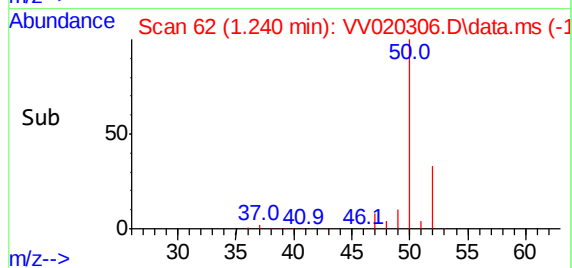
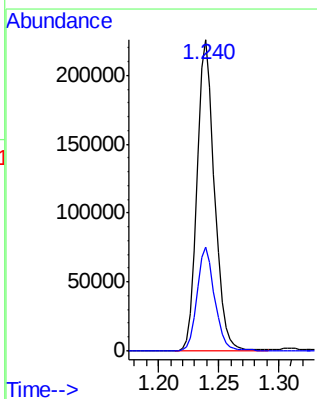
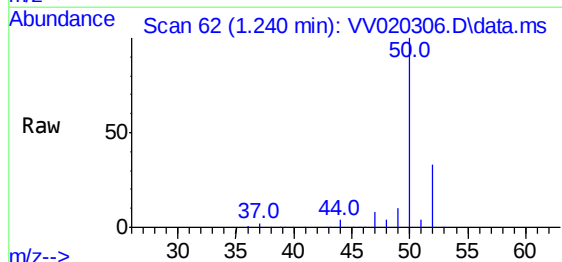
Ion	Ratio	Lower	Upper
85	100		
87	32.0	25.9	38.9

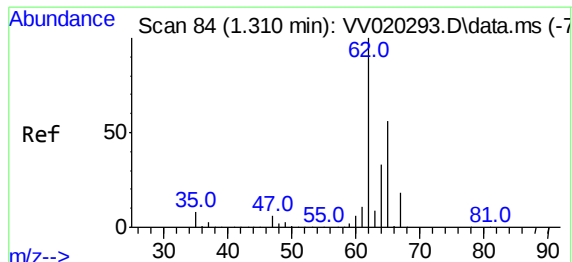


#3
 Chloromethane
 Concen: 49.49 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV020306.D
 Acq: 11 Feb 2021 18:26

Tgt Ion: 50 Resp: 220932

Ion	Ratio	Lower	Upper
50	100		
52	33.3	22.7	42.1

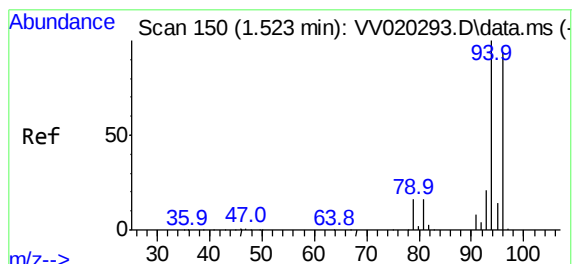
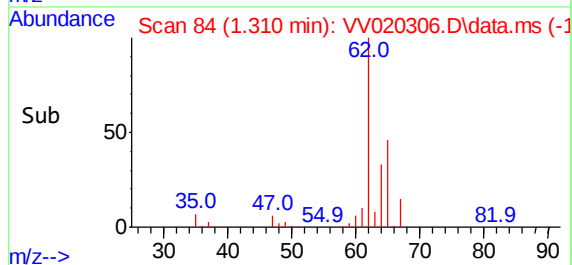
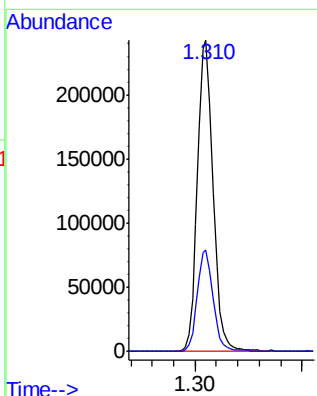
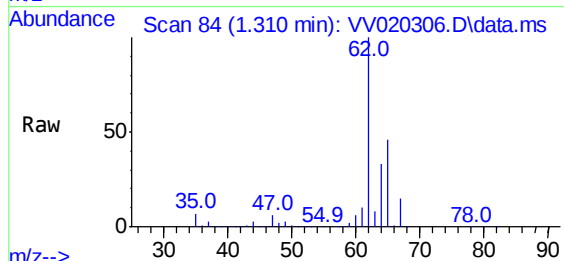




#5
 Vinyl chloride
 Concen: 50.47 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV020306.D
 Acq: 11 Feb 2021 18:26

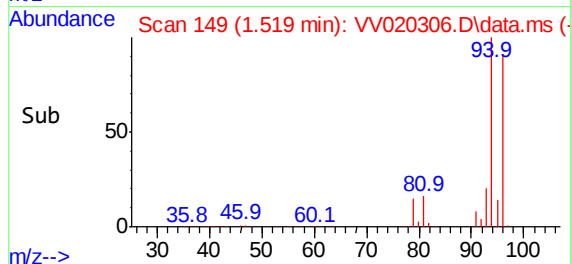
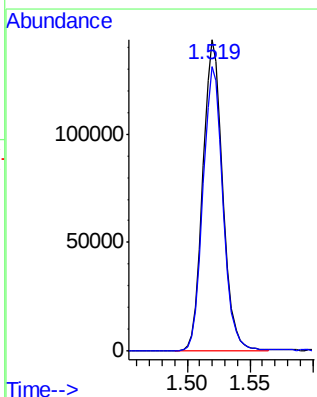
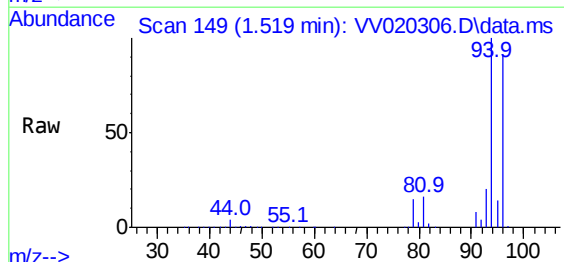
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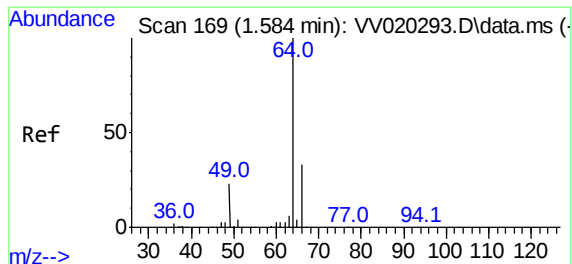
Tgt Ion: 62 Resp: 242571
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 52.25 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV020306.D
 Acq: 11 Feb 2021 18:26

Tgt Ion: 94 Resp: 156961
 Ion Ratio Lower Upper
 94 100
 96 91.2 63.6 118.2

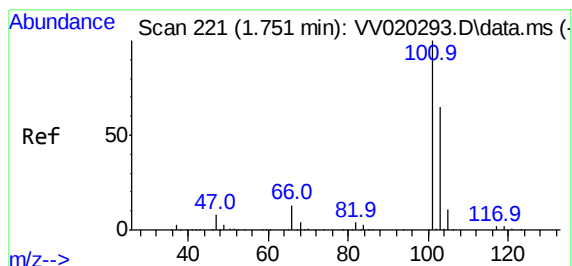
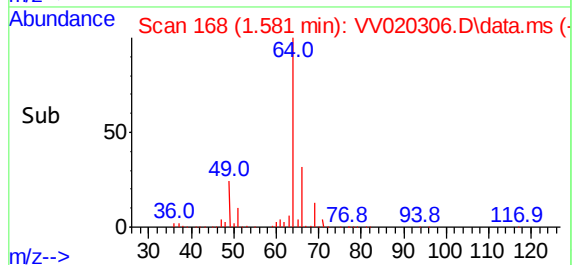
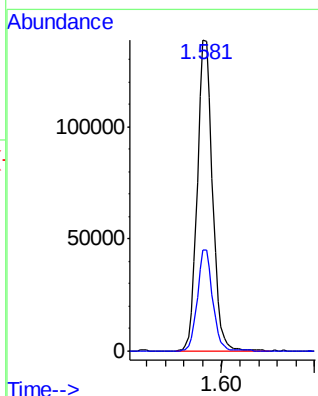
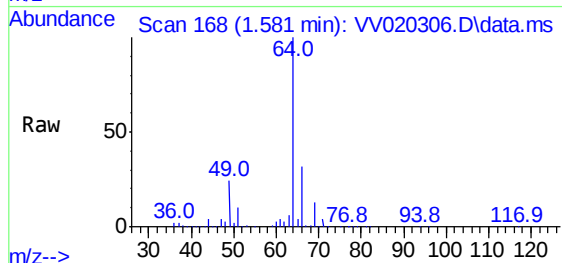




#8
Chloroethane
Concen: 52.24 ug/L
RT: 1.581 min Scan# 168
Delta R.T. -0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

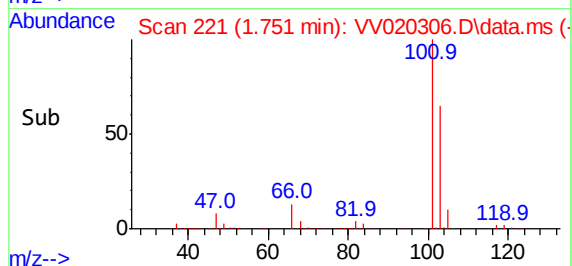
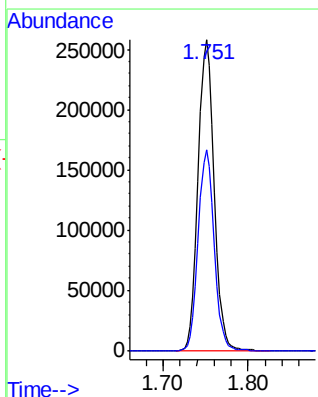
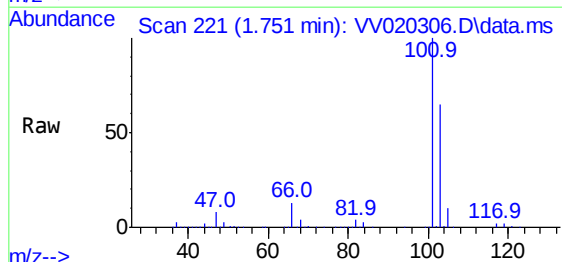
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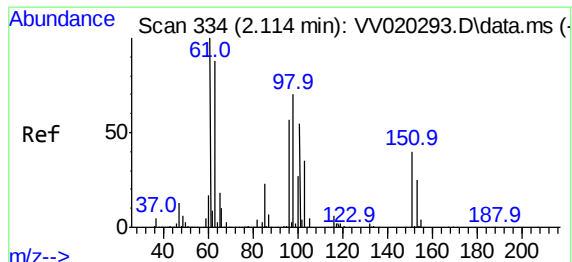
Tgt Ion: 64 Resp: 157042
Ion Ratio Lower Upper
64 100
66 32.4 22.4 41.6



#9
Trichlorofluoromethane
Concen: 49.12 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:101 Resp: 335501
Ion Ratio Lower Upper
101 100
103 64.2 51.7 77.5

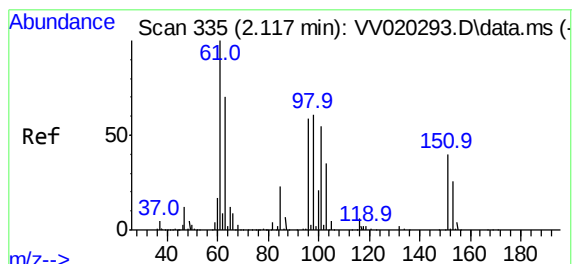
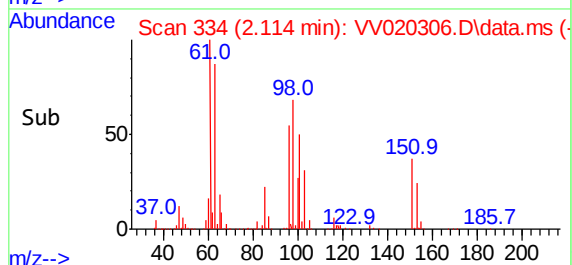
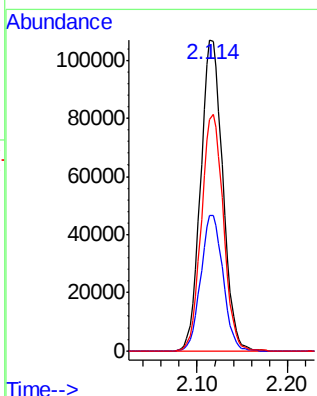
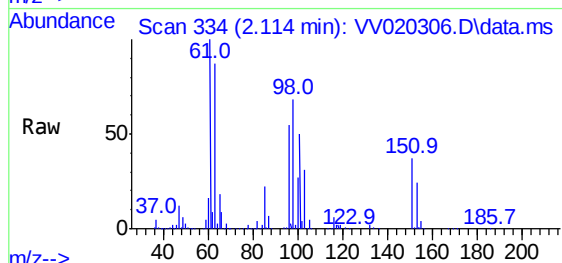




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.68 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV020306.D
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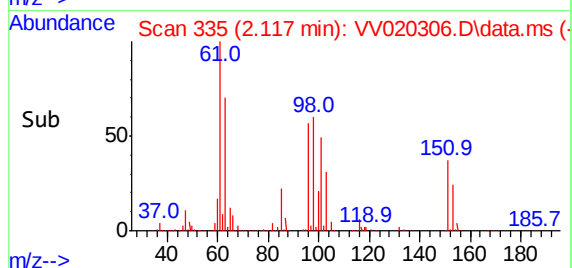
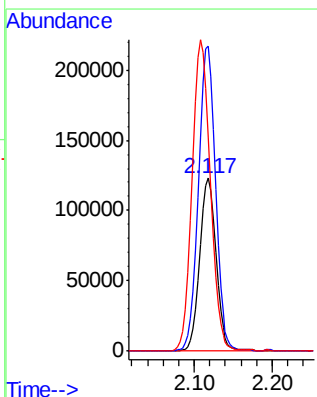
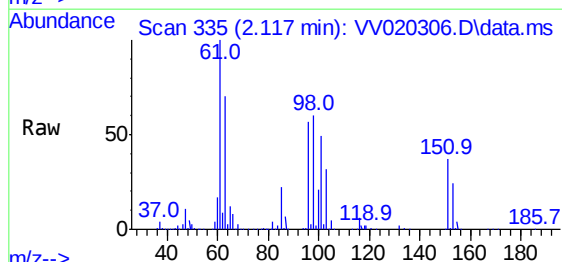
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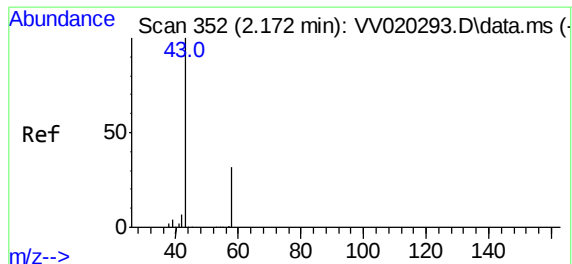
Tgt Ion:101 Resp: 180585
 Ion Ratio Lower Upper
 101 100
 85 43.9 35.3 52.9
 151 75.7 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 50.37 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
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Tgt Ion: 96 Resp: 176450
 Ion Ratio Lower Upper
 96 100
 61 176.7 134.9 250.5
 63 124.1 117.6 218.4

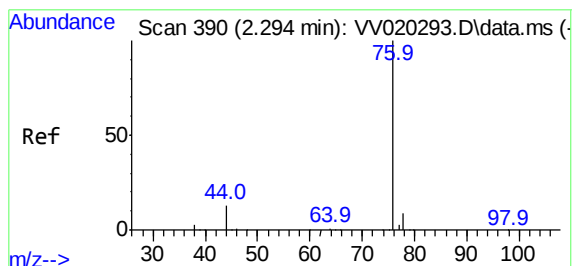
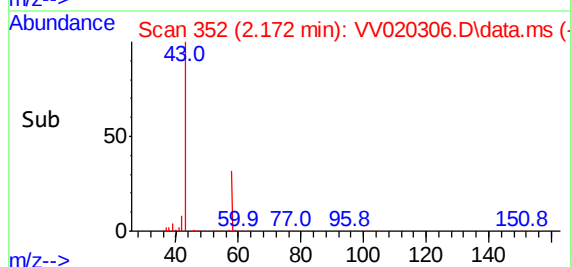
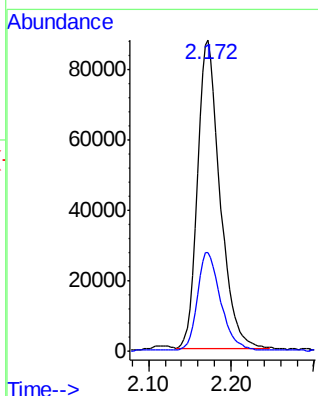
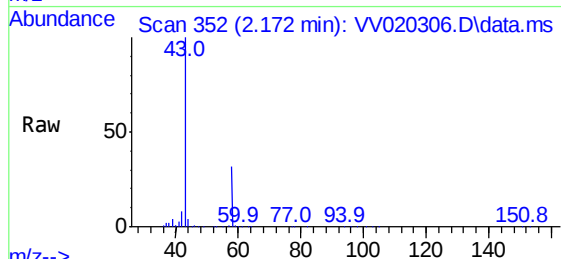




#13
Acetone
Concen: 103.35 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

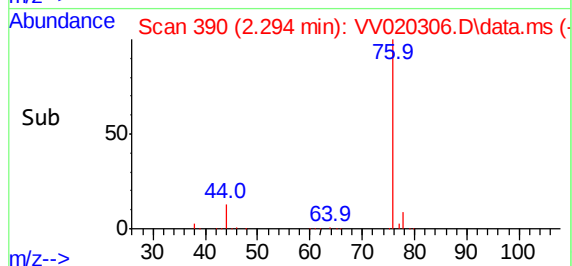
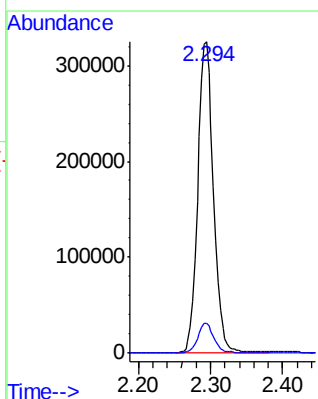
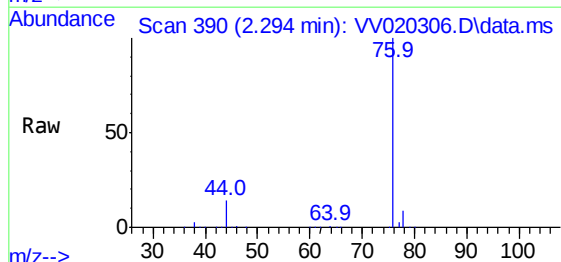
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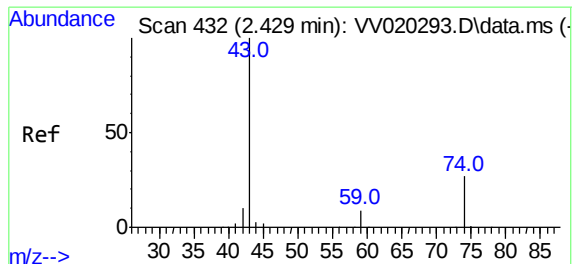
Tgt Ion: 43 Resp: 167827
Ion Ratio Lower Upper
43 100
58 32.6 0.0 60.2



#14
Carbon disulfide
Concen: 47.24 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 487734
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

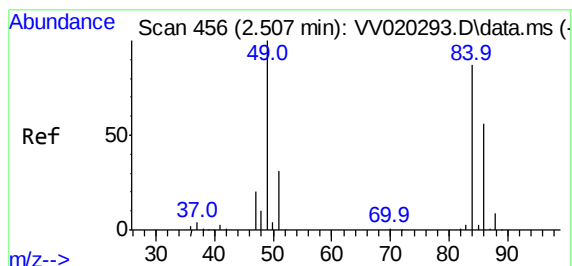
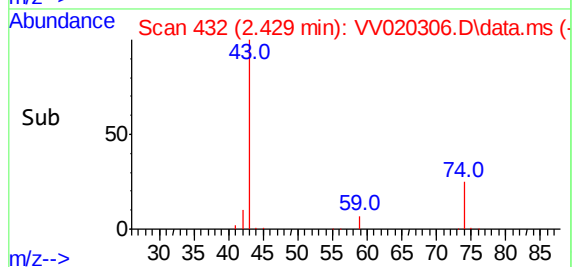
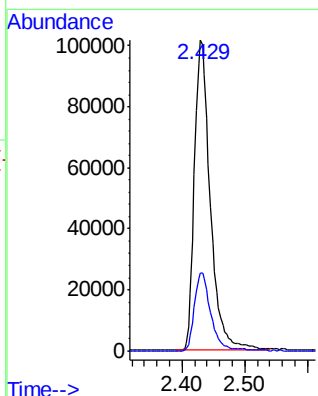
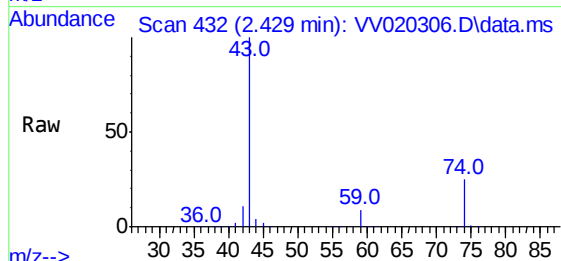




#15
Methyl Acetate
Concen: 51.77 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

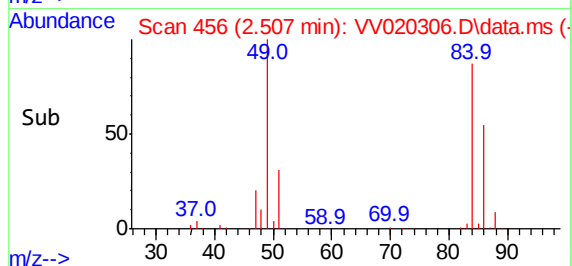
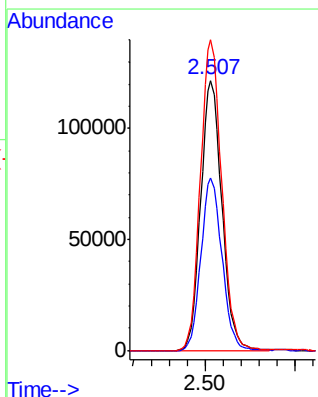
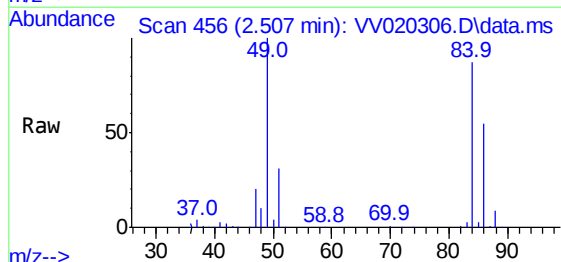
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

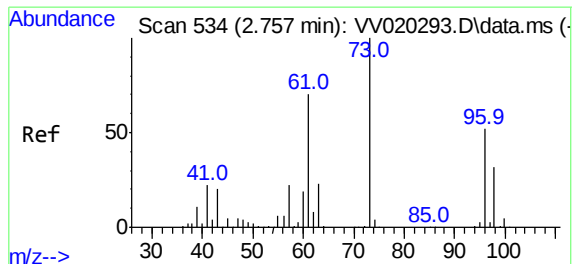
Tgt Ion: 43 Resp: 178879
Ion Ratio Lower Upper
43 100
74 25.5 17.6 26.4



#16
Methylene chloride
Concen: 51.41 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 84 Resp: 197306
Ion Ratio Lower Upper
84 100
86 63.7 44.6 82.8
49 115.1 94.6 175.8

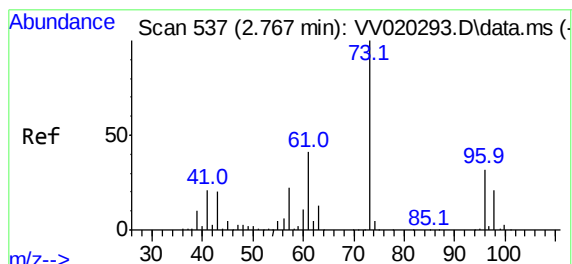
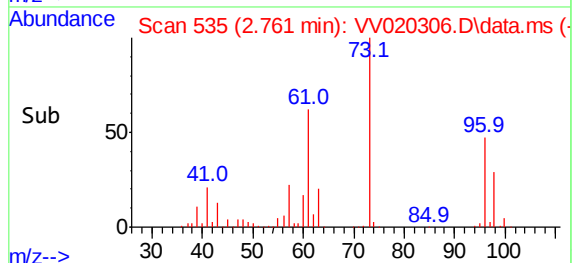
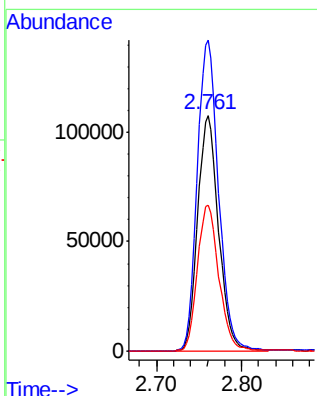
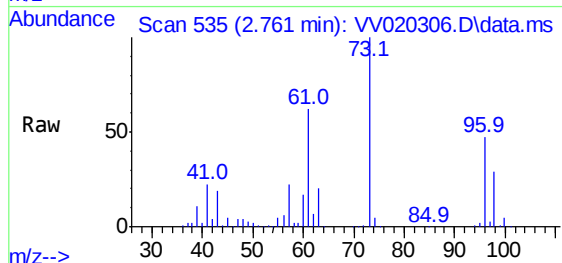




#17
trans-1,2-Dichloroethene
Concen: 50.50 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

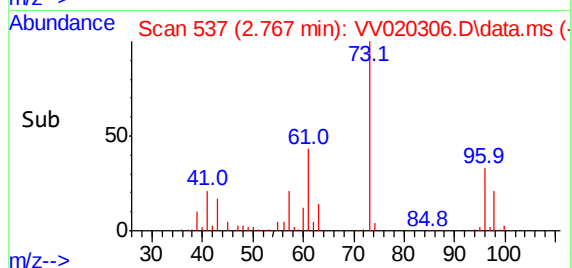
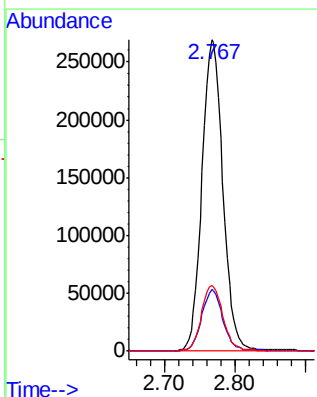
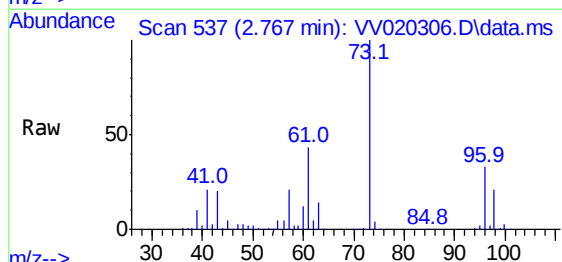
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

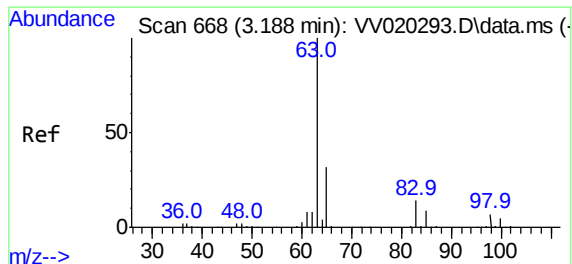
Tgt Ion: 96 Resp: 183429
Ion Ratio Lower Upper
96 100
61 132.0 103.1 191.5
98 62.2 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.93 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 73 Resp: 550780
Ion Ratio Lower Upper
73 100
43 19.5 17.3 25.9
57 21.3 17.9 26.9

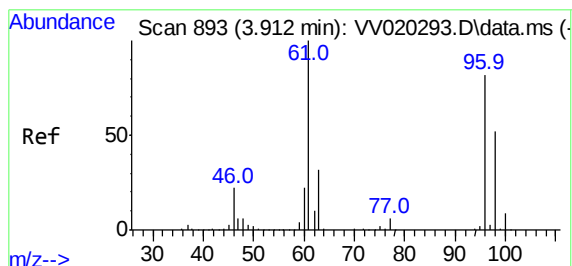
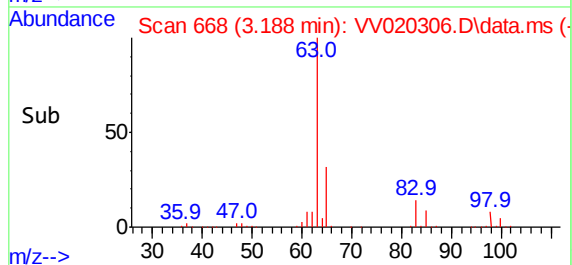
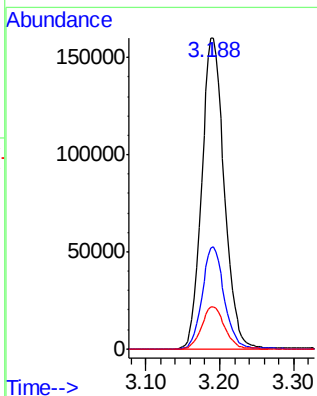
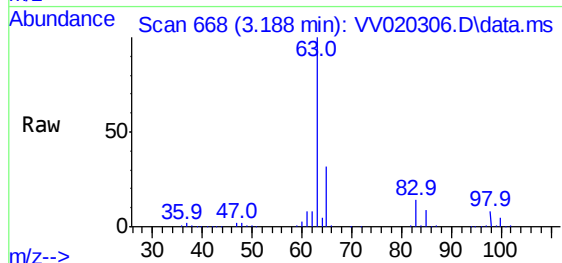




#19
1,1-Dichloroethane
Concen: 50.99 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

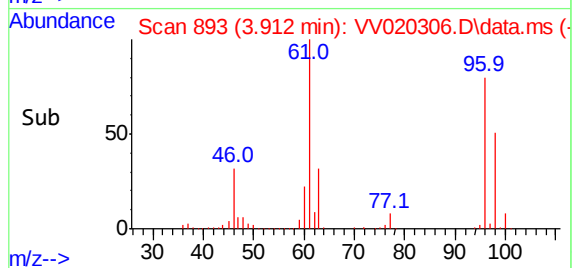
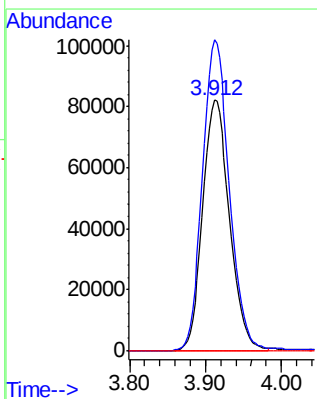
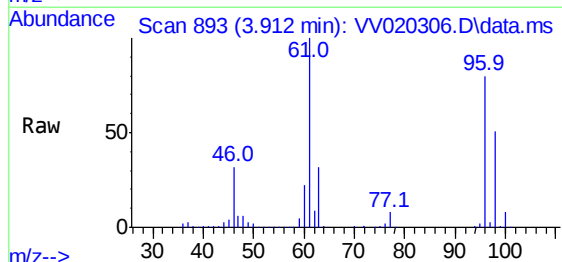
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

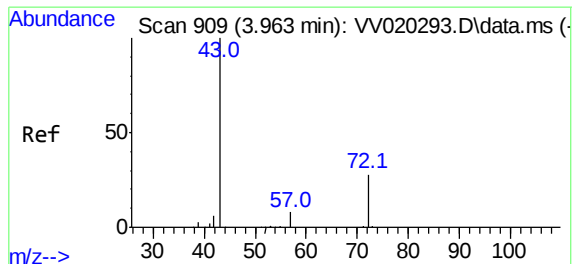
Tgt Ion: 63 Resp: 336465
Ion Ratio Lower Upper
63 100
65 32.4 21.9 40.7
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.44 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 96 Resp: 200936
Ion Ratio Lower Upper
96 100
61 124.3 96.9 179.9
68 0.0 0.0 0.0

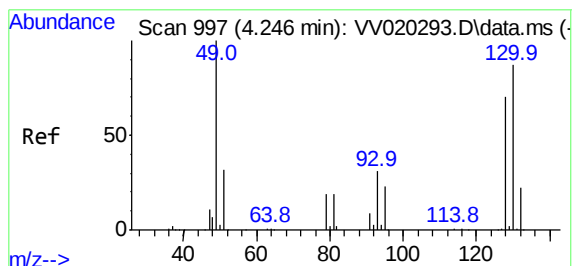
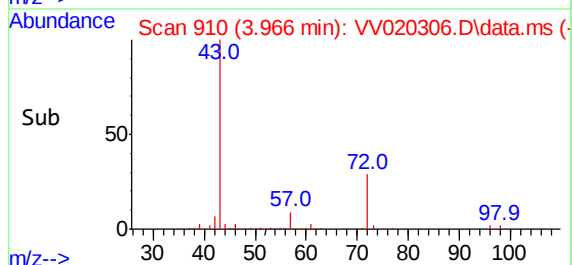
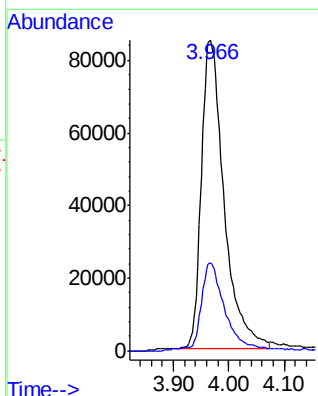
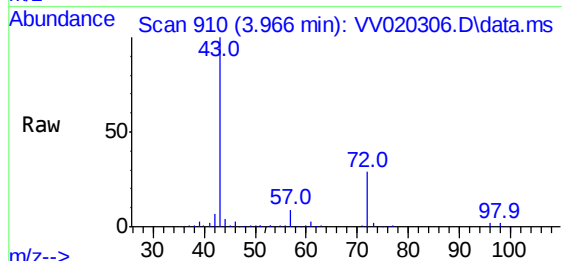




#22
2-Butanone
Concen: 104.44 ug/L
RT: 3.966 min Scan# 910
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

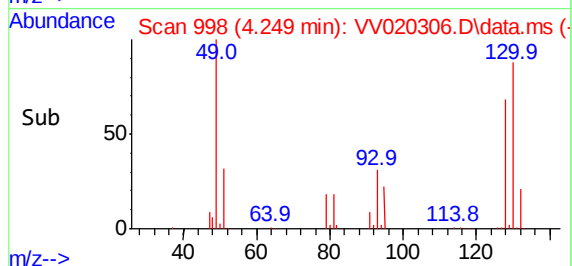
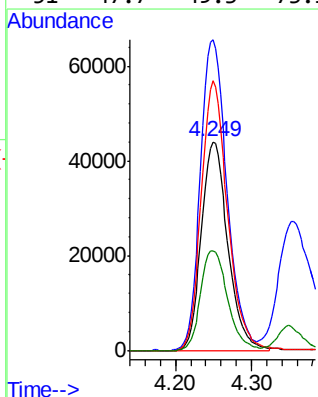
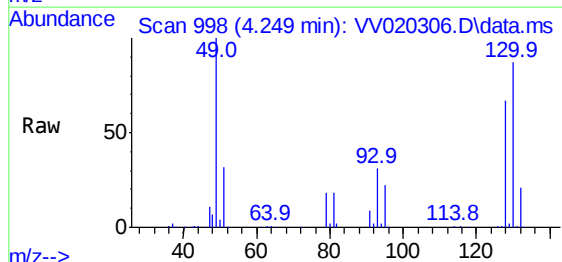
Instrument :
MSVOA_V
ClientSampled :
VSTD05092

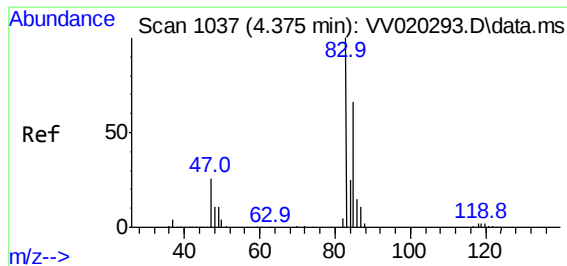
Tgt Ion: 43 Resp: 241200
Ion Ratio Lower Upper
43 100
72 27.3 12.2 36.6



#23
Bromochloromethane
Concen: 50.21 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:128 Resp: 106060
Ion Ratio Lower Upper
128 100
49 148.7 133.1 247.1
130 129.1 89.0 165.4
51 47.7 49.3 73.9#

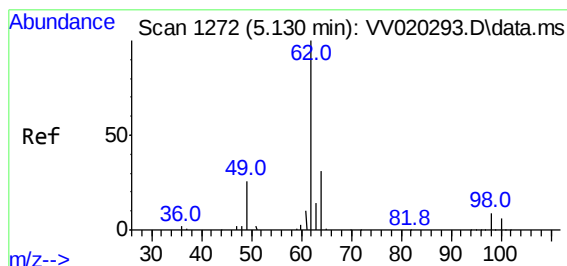
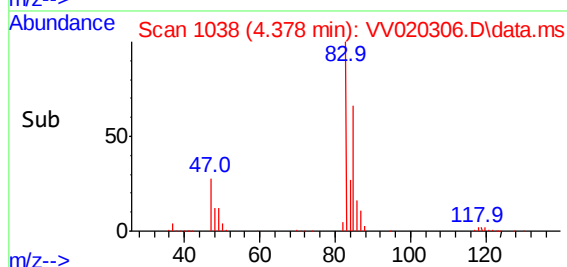
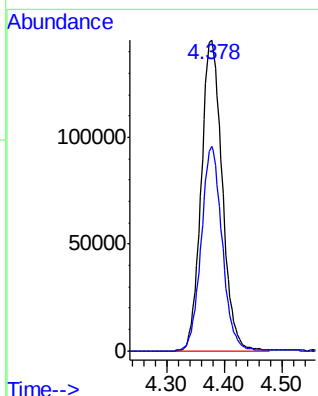
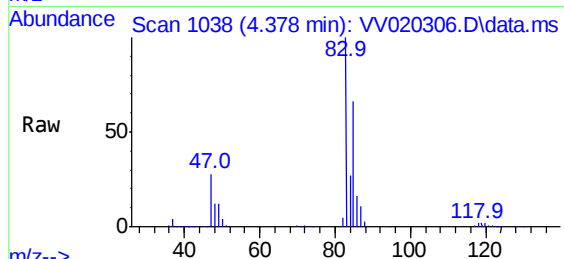




#25
Chloroform
Concen: 52.88 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

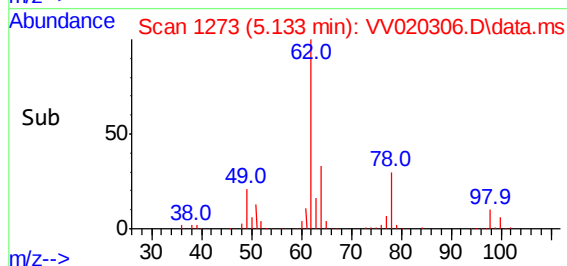
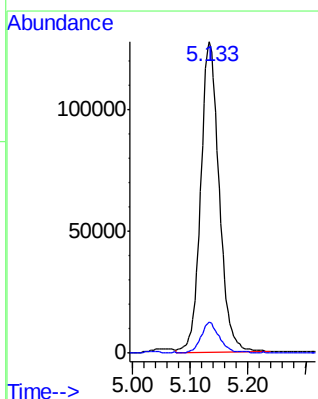
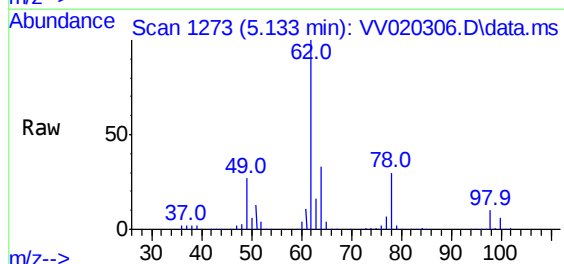
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

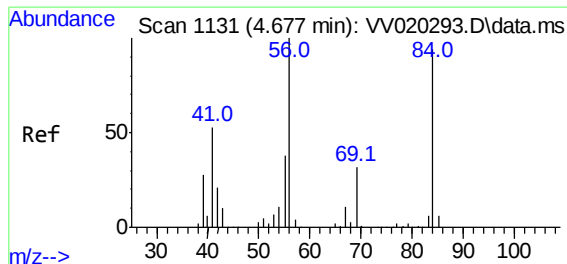
Tgt Ion: 83 Resp: 365365
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.2



#27
1,2-Dichloroethane
Concen: 51.81 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 62 Resp: 283420
Ion Ratio Lower Upper
62 100
98 9.6 6.9 10.3



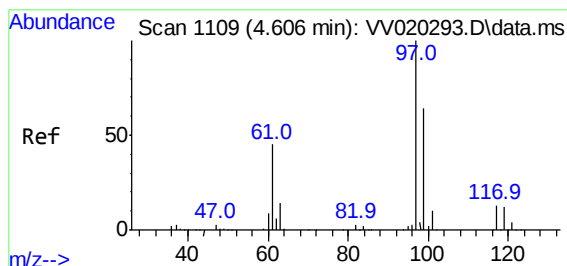
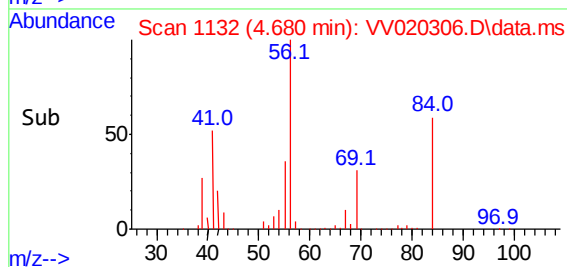
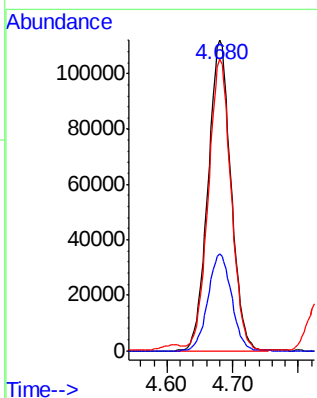
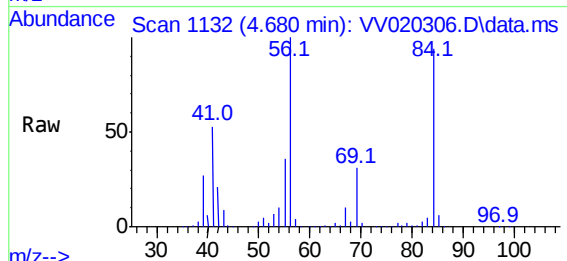


#29
Cyclohexane
Concen: 48.96 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

Tgt Ion: 56 Resp: 272351

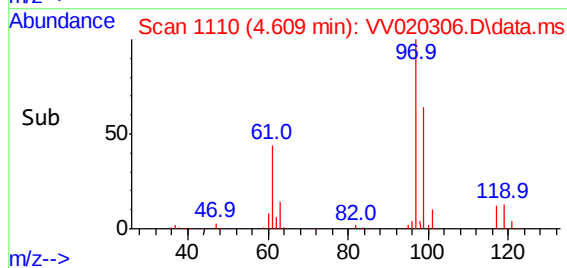
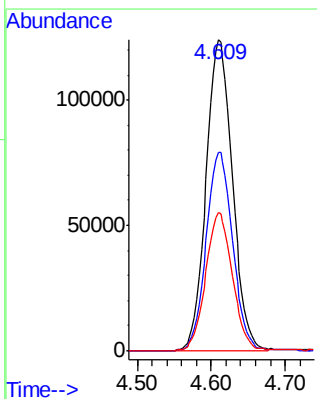
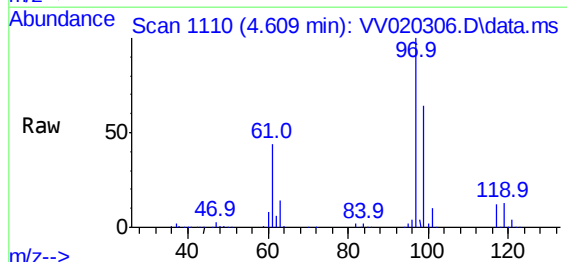
Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.2	36.2
84	93.1	66.3	99.5

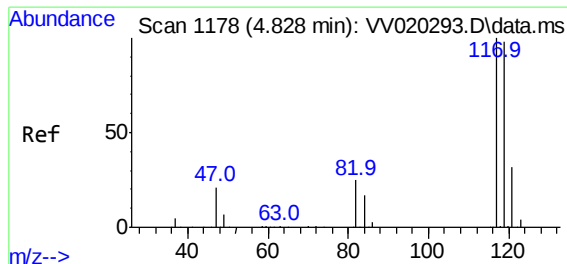


#30
1,1,1-Trichloroethane
Concen: 50.38 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 97 Resp: 306922

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	44.8	38.5	57.7

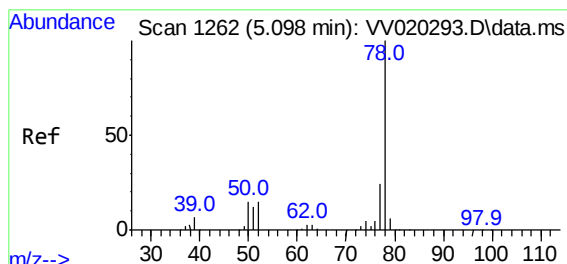
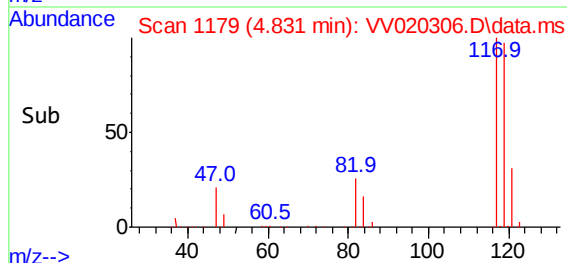
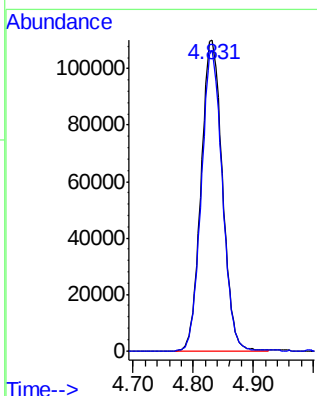
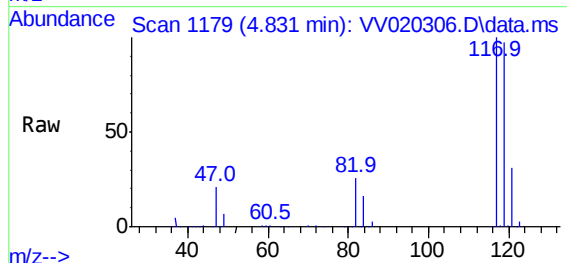




#31
Carbon tetrachloride
Concen: 50.08 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

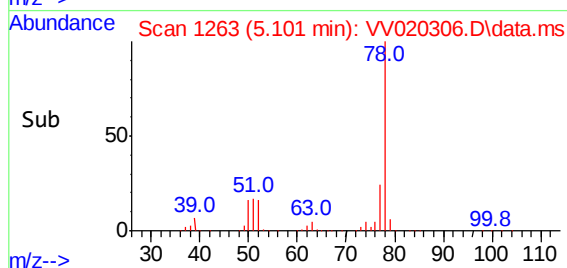
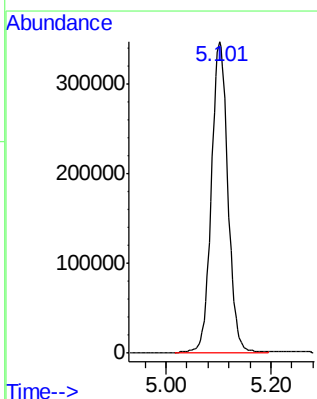
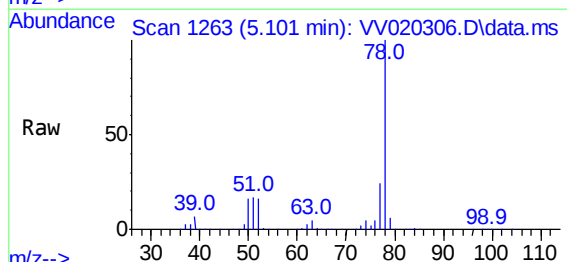
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

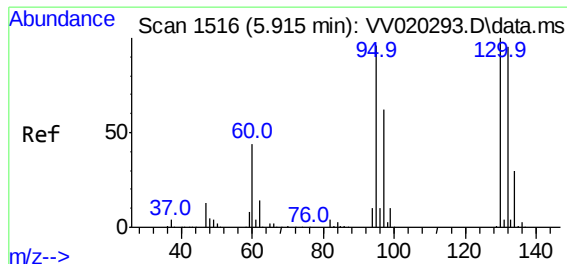
Tgt Ion:117 Resp: 265354
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5



#33
Benzene
Concen: 51.71 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 78 Resp: 758622

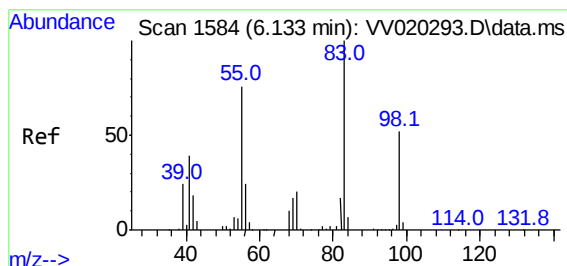
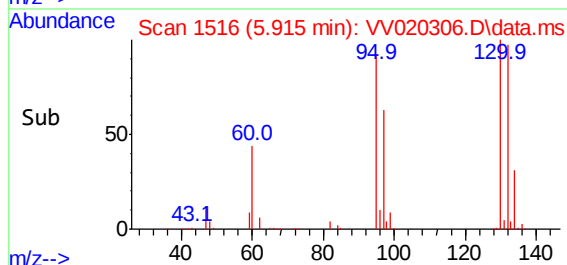
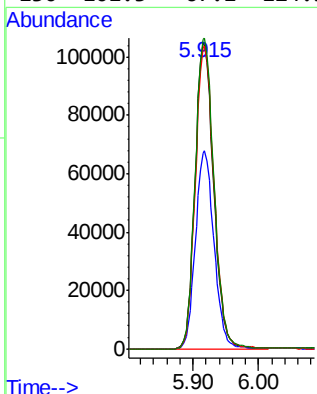
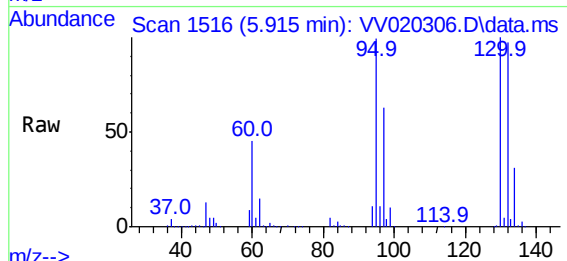




#34
Trichloroethene
Concen: 50.63 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

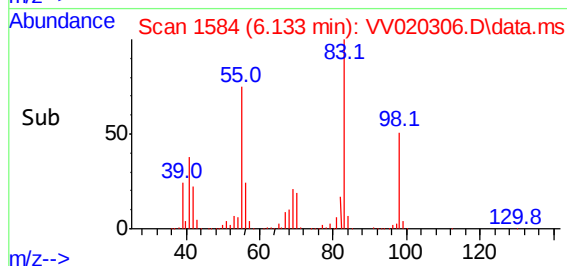
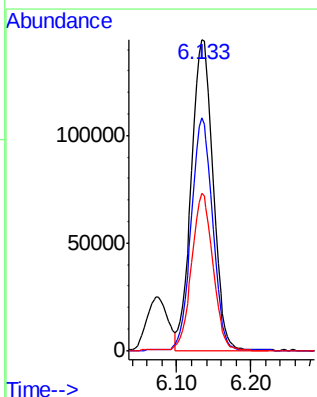
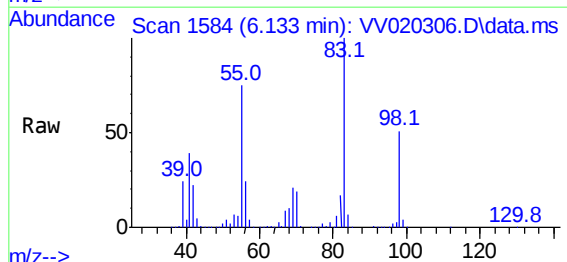
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

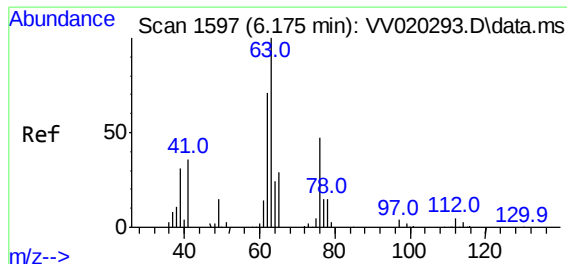
Tgt Ion: 95 Resp: 204097
Ion Ratio Lower Upper
95 100
97 64.0 44.5 82.7
132 98.4 63.4 117.8
130 101.3 67.1 124.5



#35
Methylcyclohexane
Concen: 48.39 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 83 Resp: 295350
Ion Ratio Lower Upper
83 100
55 73.1 65.1 97.7
98 49.6 38.2 57.2

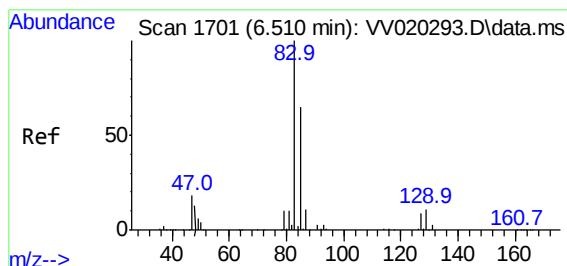
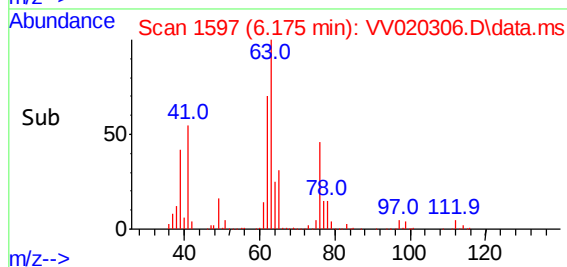
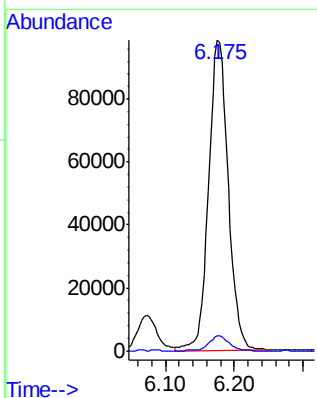
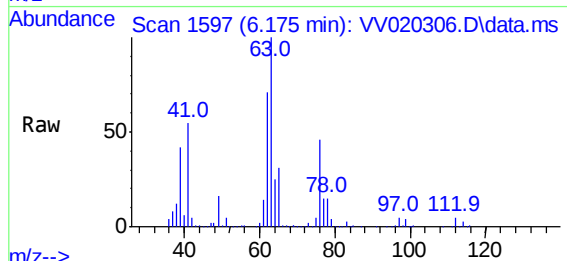




#37
1,2-Dichloropropane
Concen: 52.48 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

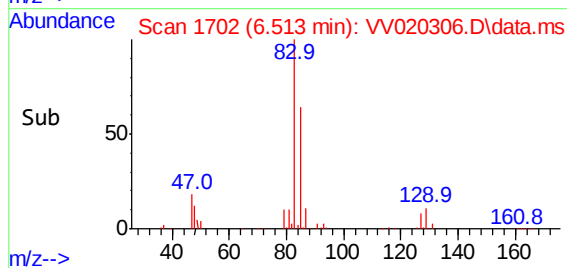
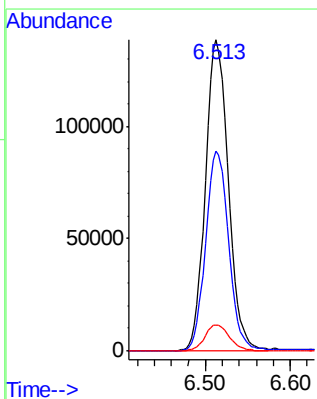
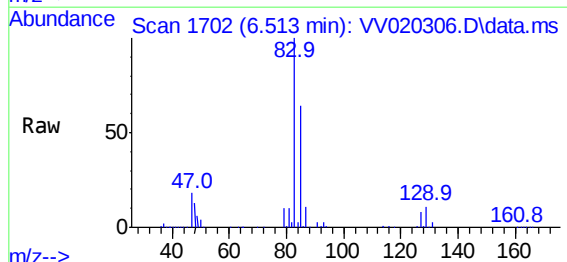
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

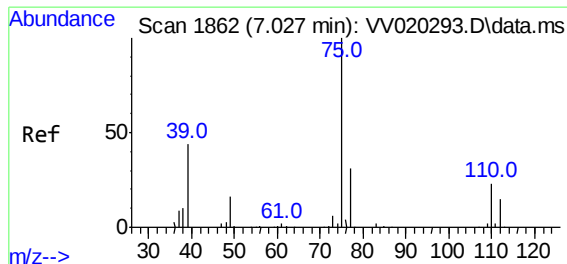
Tgt Ion: 63 Resp: 195010
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 50.78 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 83 Resp: 259371
Ion Ratio Lower Upper
83 100
85 64.3 44.5 82.7
127 8.3 6.3 9.5

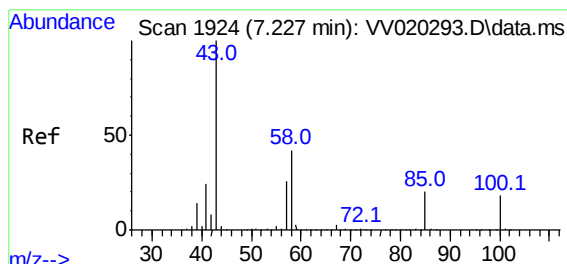
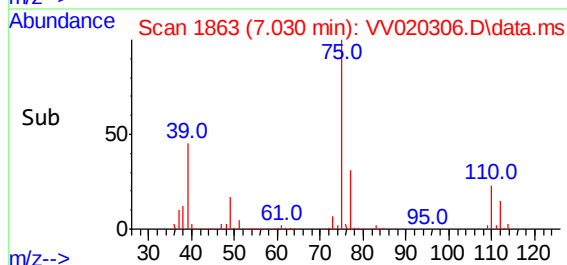
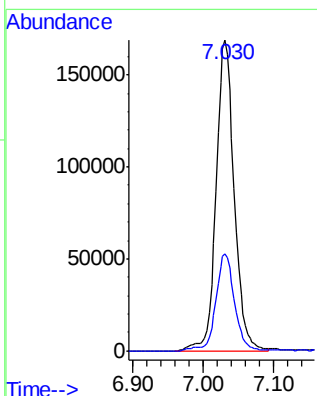
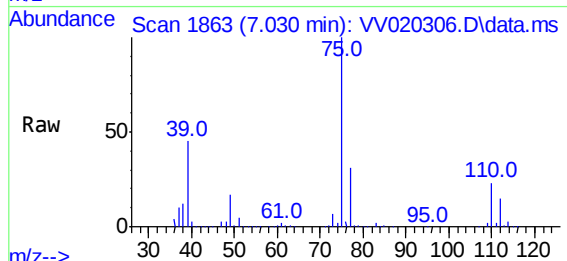




#39
cis-1,3-Dichloropropene
Concen: 51.21 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

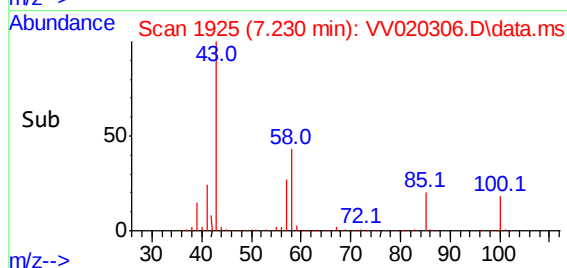
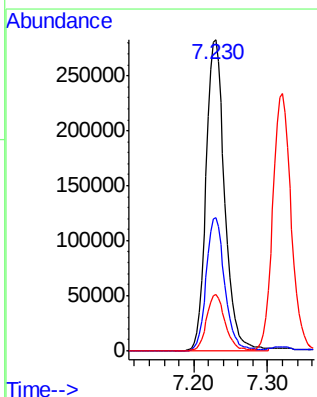
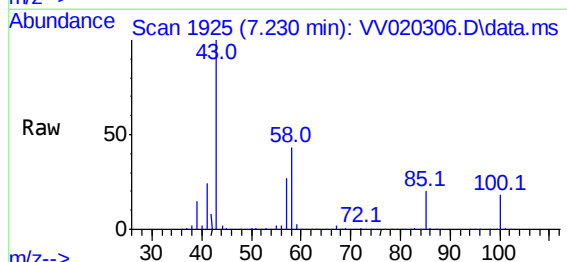
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

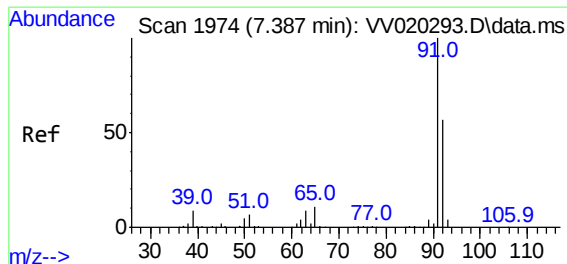
Tgt Ion: 75 Resp: 301328
Ion Ratio Lower Upper
75 100
77 31.2 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 104.61 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 43 Resp: 490105
Ion Ratio Lower Upper
43 100
58 42.6 30.7 46.1
100 17.8 11.6 17.4#





#42

Toluene

Concen: 51.62 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV020306.D

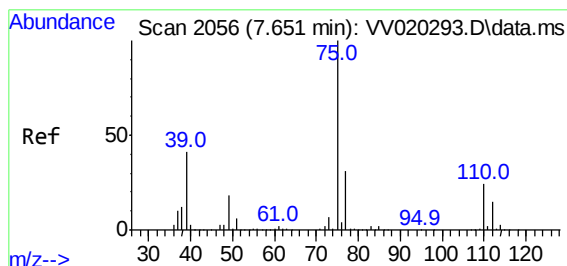
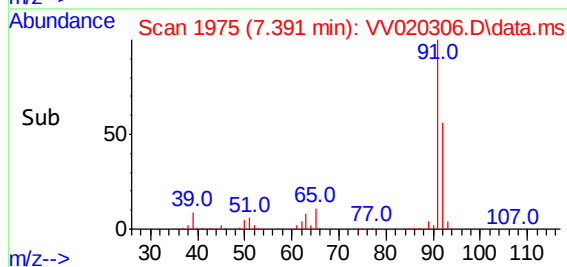
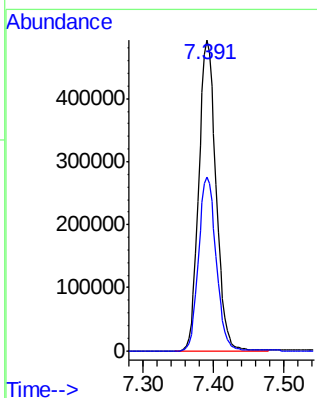
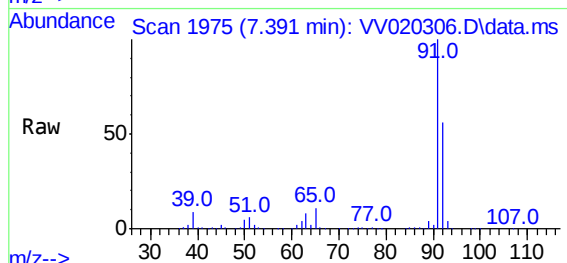
Acq: 11 Feb 2021 18:26

Tgt Ion: 91 Resp: 832949

Ion Ratio Lower Upper

91 100

92 56.0 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 51.53 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV020306.D

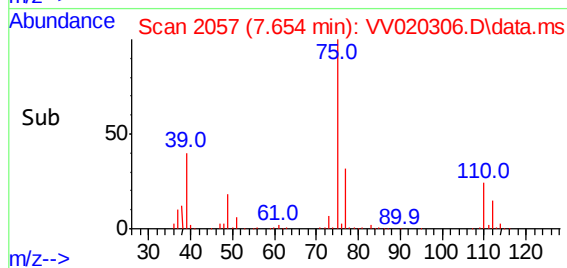
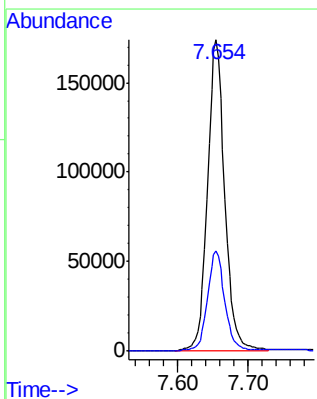
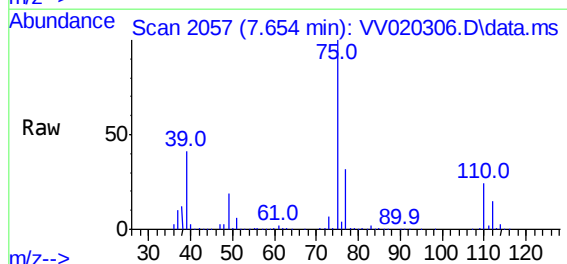
Acq: 11 Feb 2021 18:26

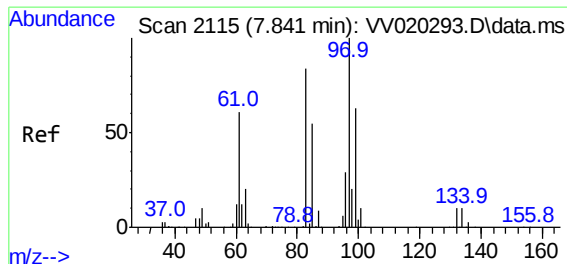
Tgt Ion: 75 Resp: 294856

Ion Ratio Lower Upper

75 100

77 31.9 22.0 41.0



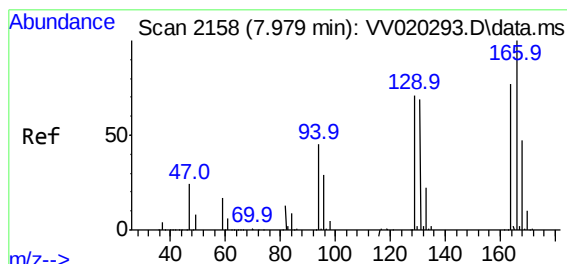
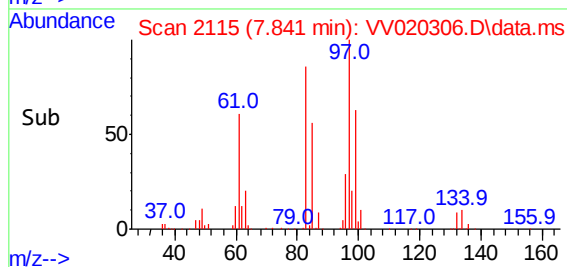
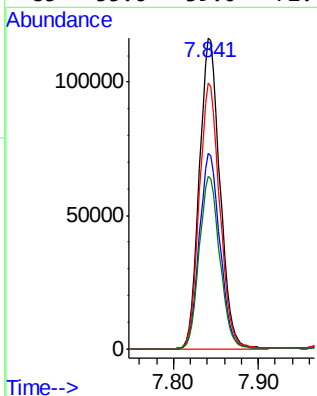
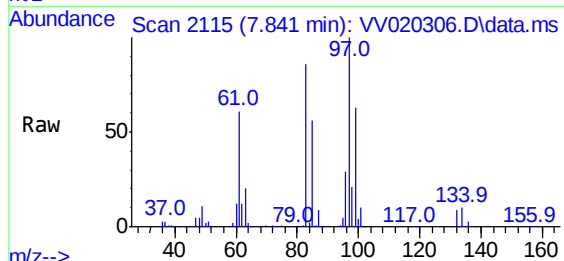


#45
1,1,2-Trichloroethane
Concen: 51.04 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

Tgt Ion: 97 Resp: 195183

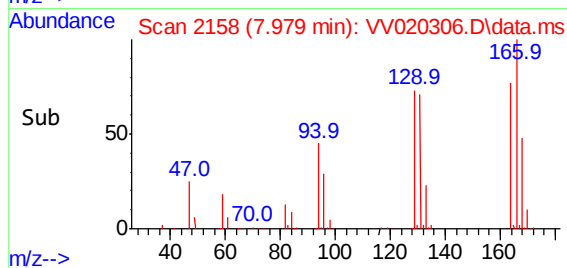
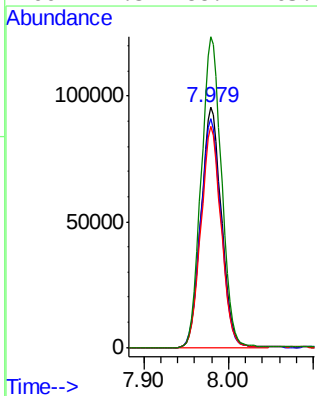
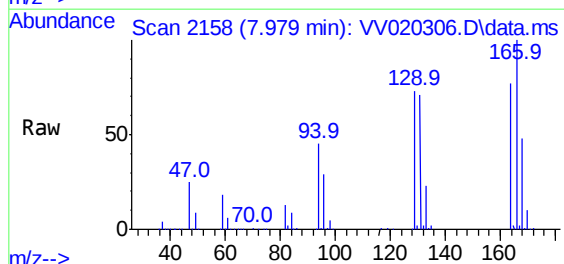
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.8	81.3
83	85.5	62.2	115.4
85	55.6	39.0	72.4

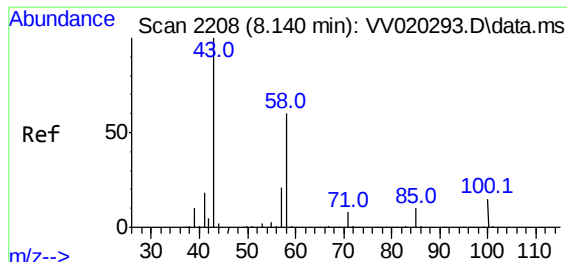


#46
Tetrachloroethene
Concen: 48.14 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 164 Resp: 158570

Ion	Ratio	Lower	Upper
164	100		
129	95.1	70.6	131.0
131	92.3	66.8	124.0
166	129.5	88.2	163.8

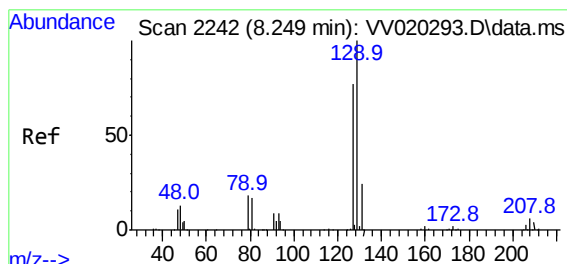
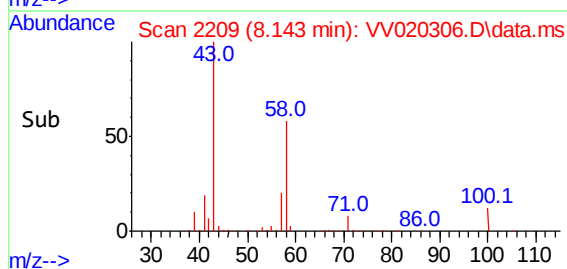
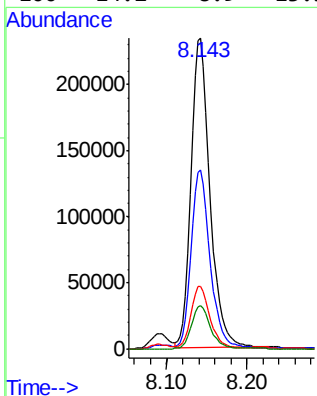
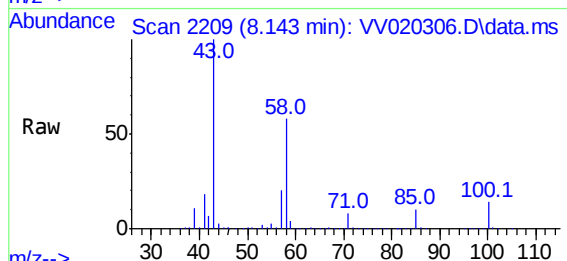




#48
2-Hexanone
Concen: 105.70 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

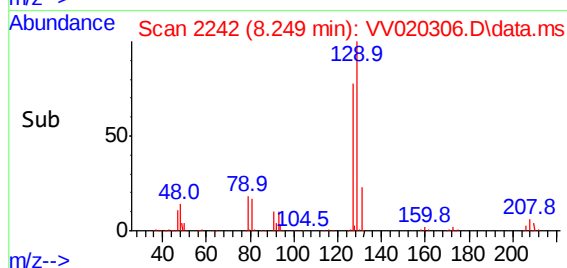
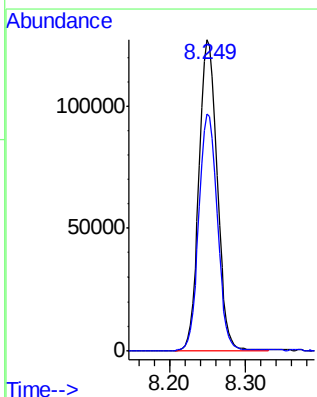
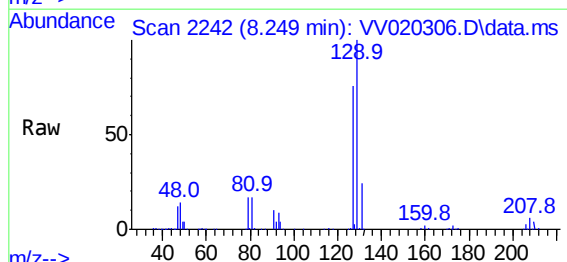
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

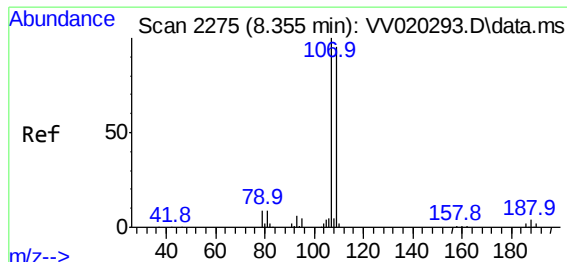
Tgt Ion: 43 Resp: 378880
Ion Ratio Lower Upper
43 100
58 58.2 41.8 62.6
57 20.5 15.0 22.4
100 14.2 8.9 13.3#



#49
Dibromochloromethane
Concen: 49.71 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 129 Resp: 209756
Ion Ratio Lower Upper
129 100
127 76.3 55.2 102.6

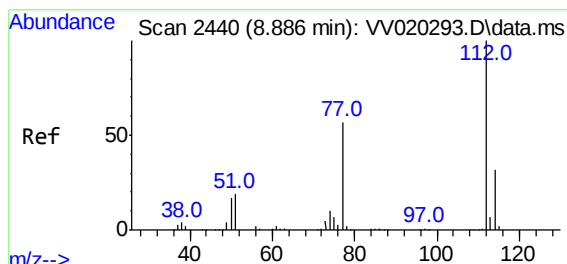
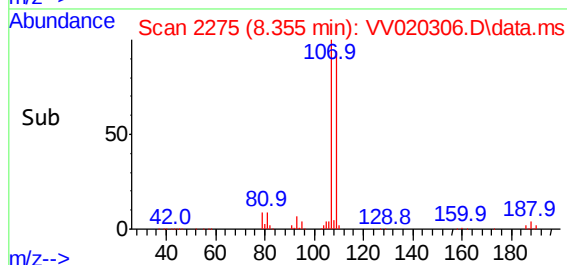
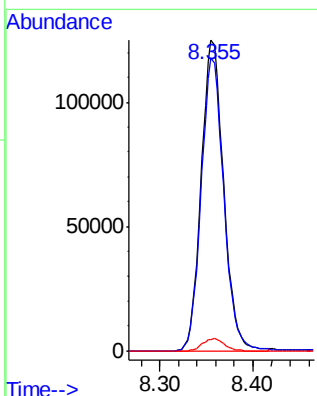
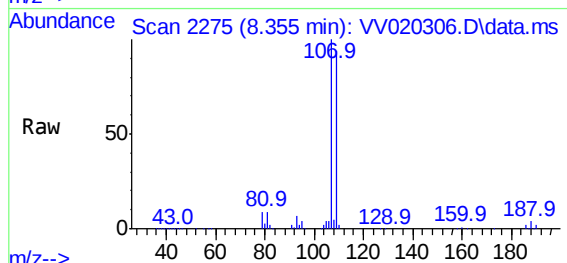




#50
1,2-Dibromoethane
Concen: 51.05 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

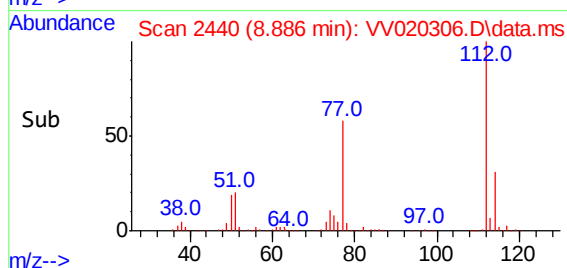
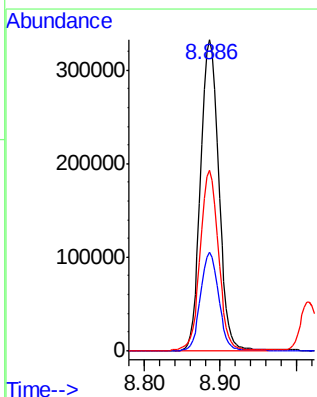
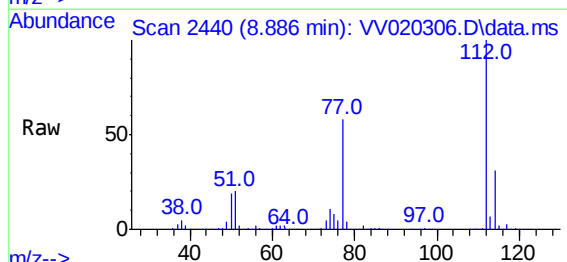
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

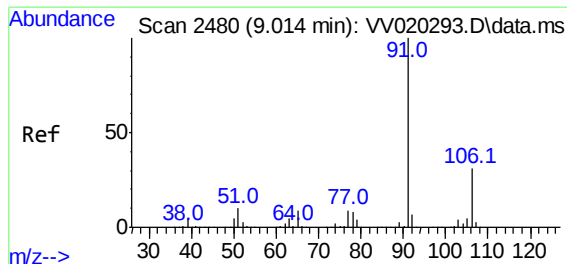
Tgt Ion:107 Resp: 209127
Ion Ratio Lower Upper
107 100
109 94.3 66.2 123.0
188 3.8 2.6 3.8



#51
Chlorobenzene
Concen: 50.41 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:112 Resp: 545677
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 57.9 49.0 73.6

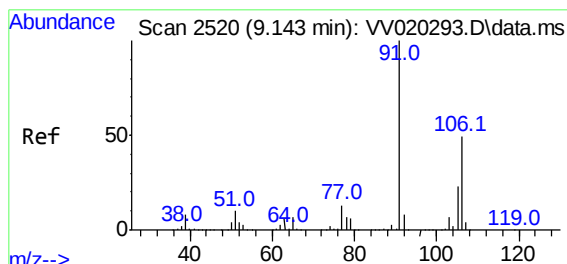
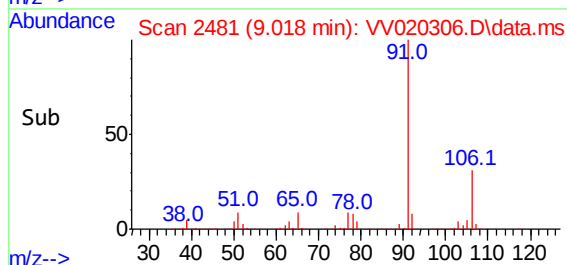
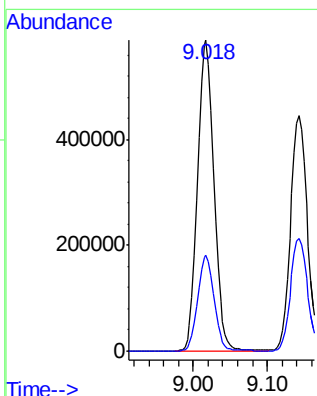
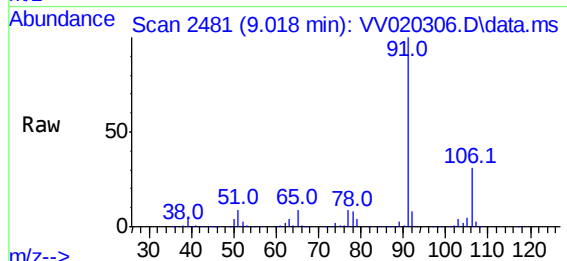




#52
Ethylbenzene
Concen: 51.14 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

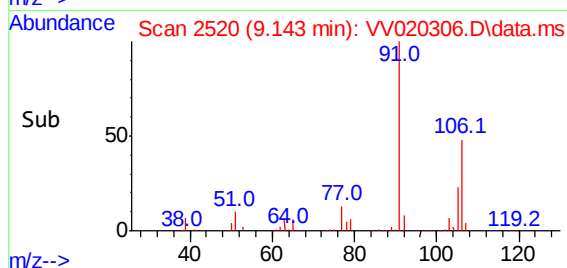
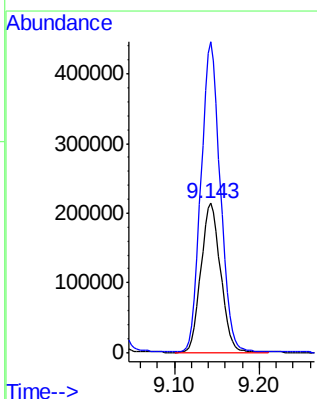
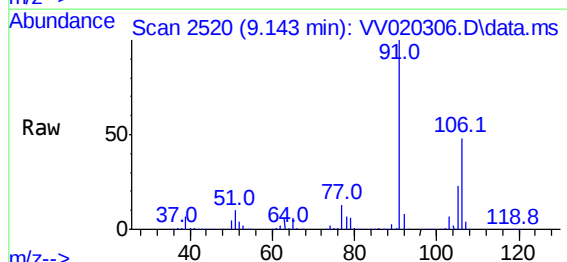
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

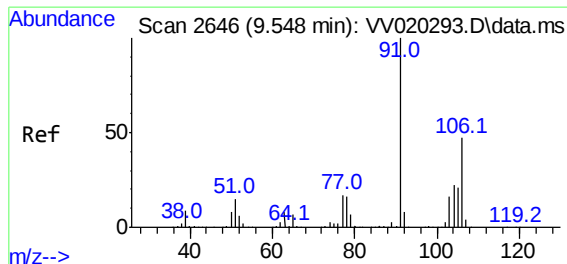
Tgt Ion: 91 Resp: 911295
Ion Ratio Lower Upper
91 100
106 30.7 21.0 39.0



#53
m,p-Xylene
Concen: 50.37 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 106 Resp: 341827
Ion Ratio Lower Upper
106 100
91 208.5 148.1 275.0

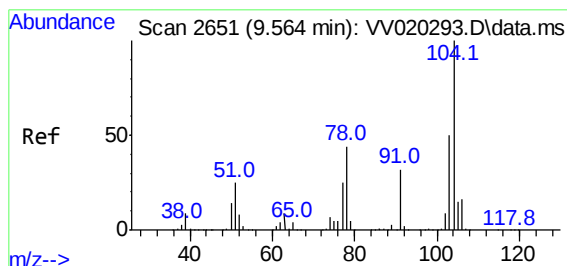
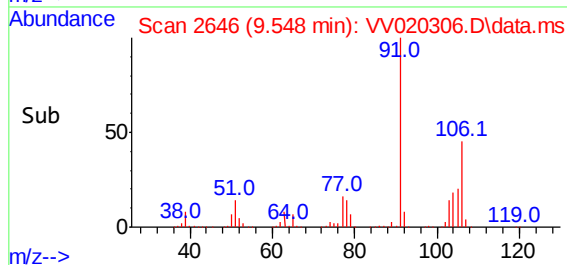
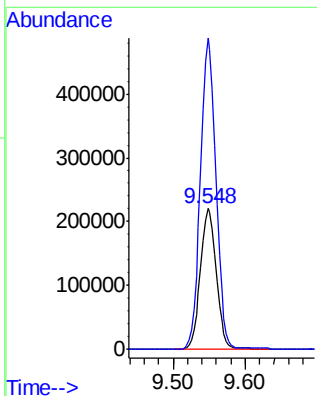
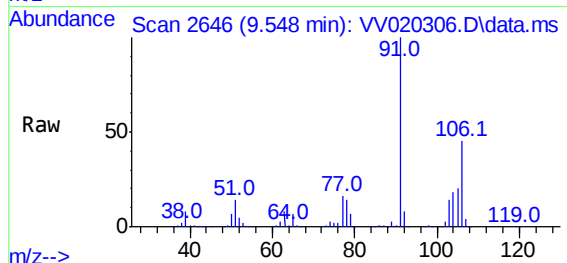




#54
o-xylene
Concen: 50.81 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

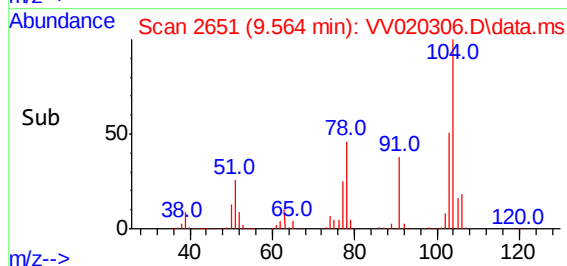
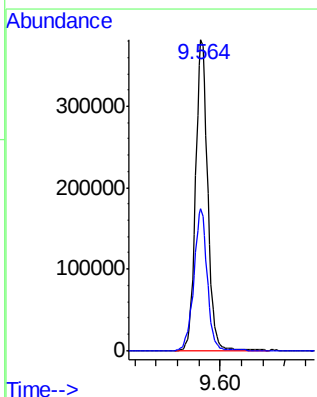
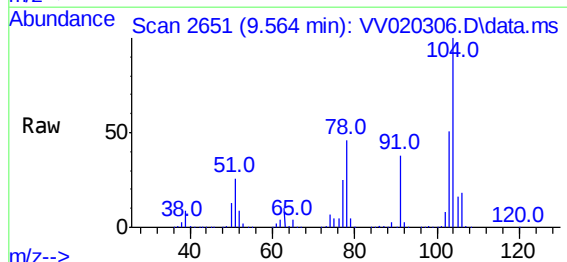
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

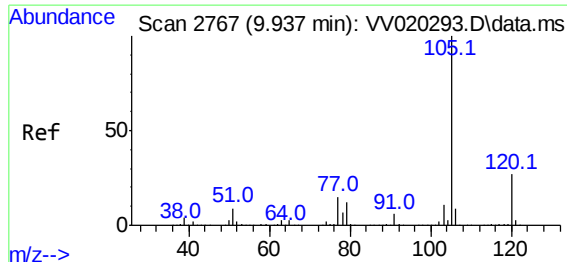
Tgt Ion:106 Resp: 335622
Ion Ratio Lower Upper
106 100
91 221.8 156.4 290.6



#55
Styrene
Concen: 52.50 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:104 Resp: 596798
Ion Ratio Lower Upper
104 100
78 45.6 33.7 62.5

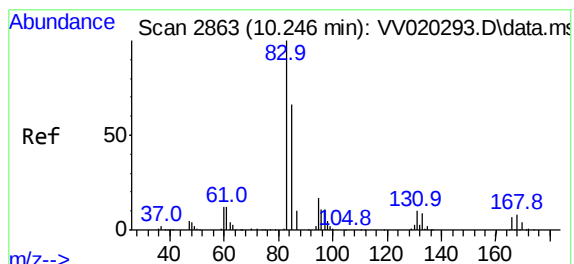
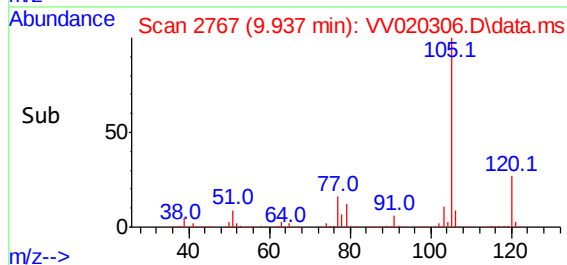
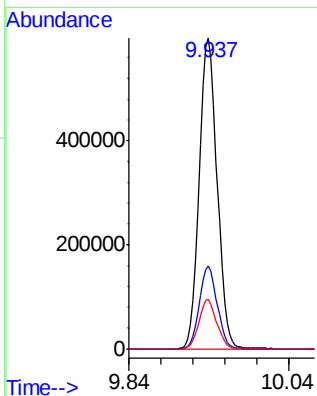
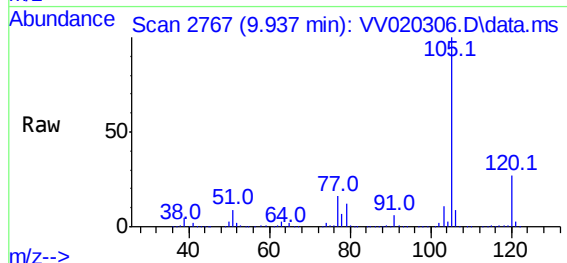




#56
Isopropylbenzene
Concen: 50.86 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

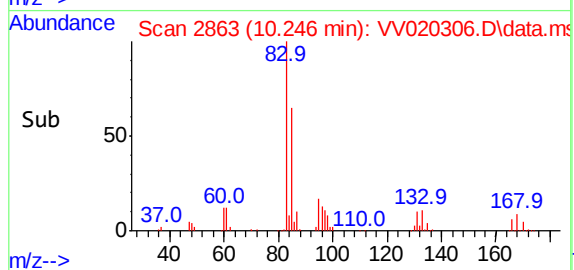
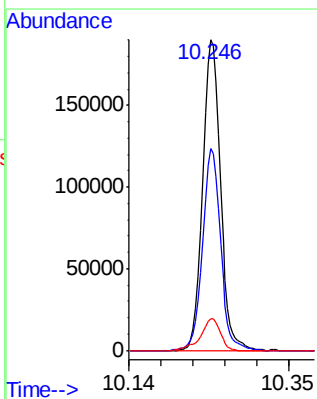
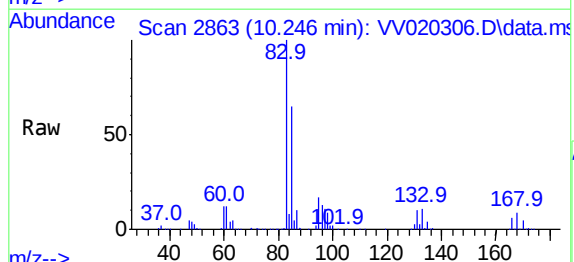
Instrument :
MSVOA_V
ClientSampled :
VSTD05092

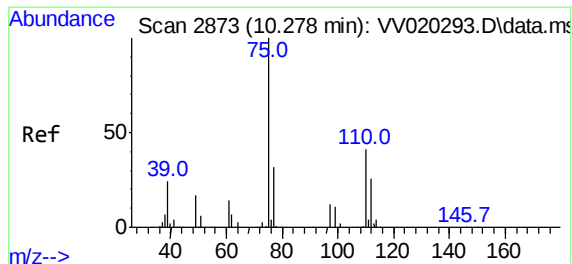
Tgt Ion:105 Resp: 901681
Ion Ratio Lower Upper
105 100
120 26.5 20.5 30.7
77 15.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 50.13 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 83 Resp: 302043
Ion Ratio Lower Upper
83 100
85 64.9 44.3 82.3
131 10.1 7.3 10.9

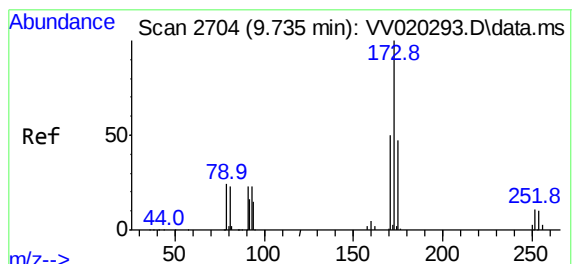
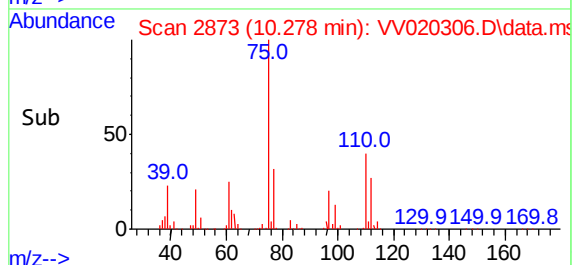
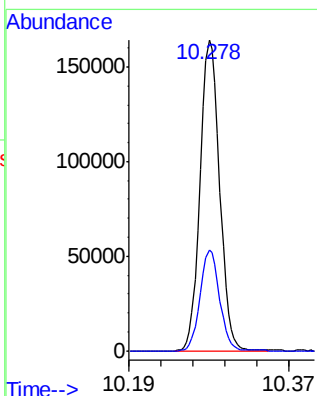
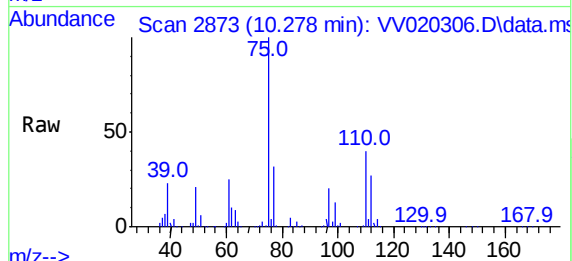




#59
1,2,3-Trichloropropane
Concen: 51.07 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

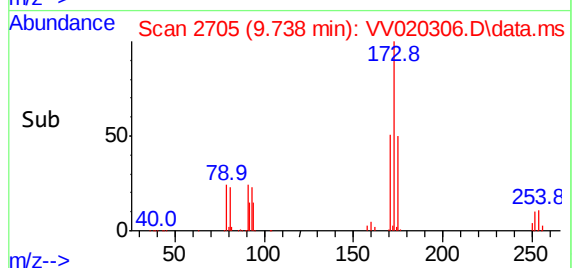
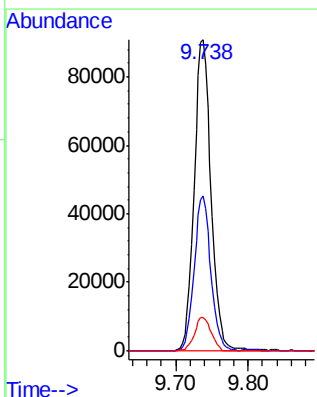
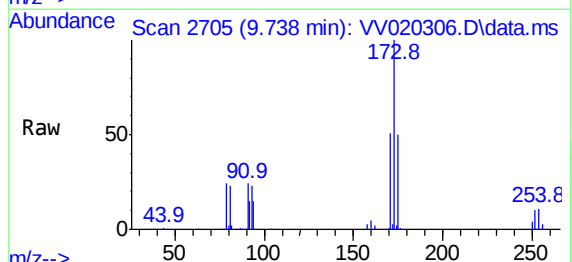
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

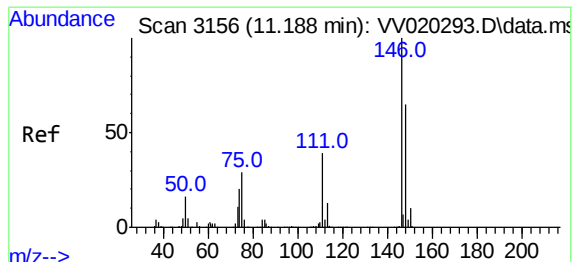
Tgt Ion: 75 Resp: 254451
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0



#61
Bromoform
Concen: 48.44 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:173 Resp: 147008
Ion Ratio Lower Upper
173 100
175 48.8 38.6 57.8
254 10.4 6.5 9.7#

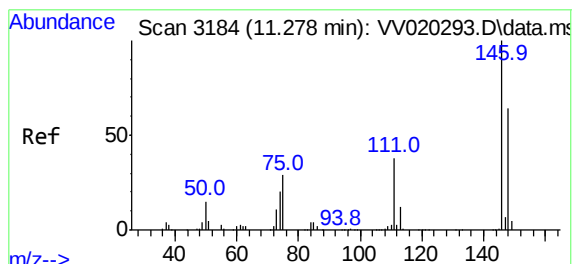
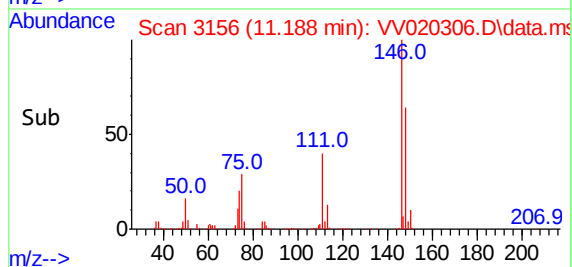
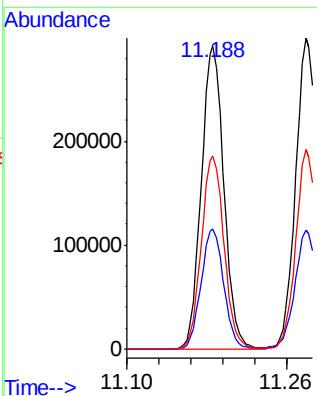
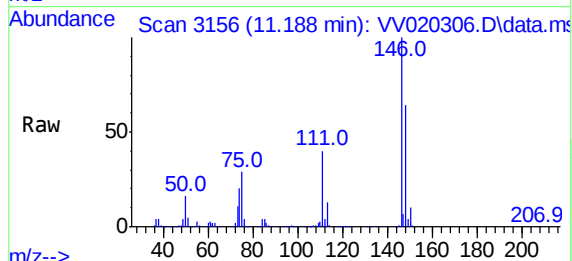




#62
1,3-Dichlorobenzene
Concen: 49.97 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

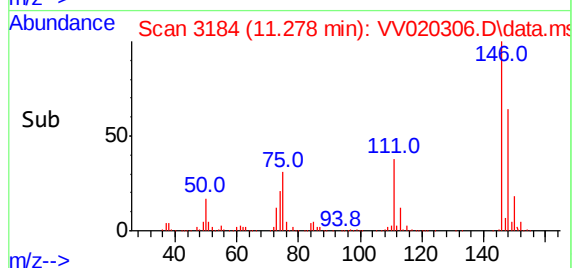
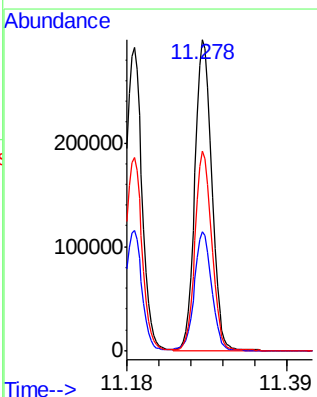
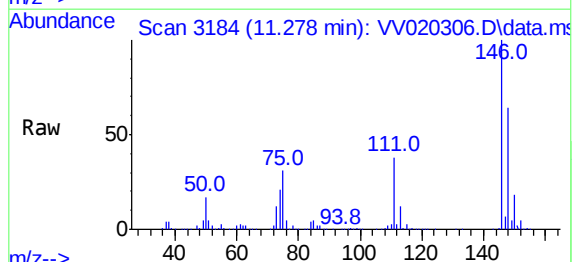
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

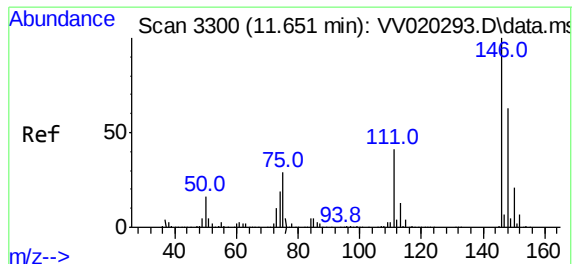
Tgt Ion:146 Resp: 440874
Ion Ratio Lower Upper
146 100
111 39.8 30.2 56.2
148 63.7 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 50.44 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:146 Resp: 456318
Ion Ratio Lower Upper
146 100
111 38.4 29.4 54.6
148 64.0 44.7 83.1

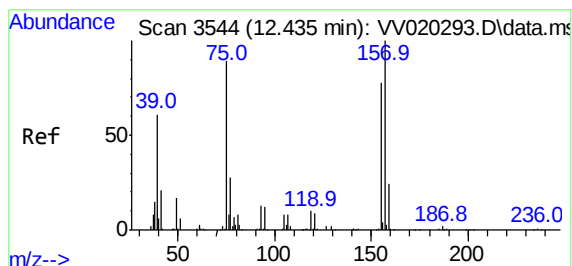
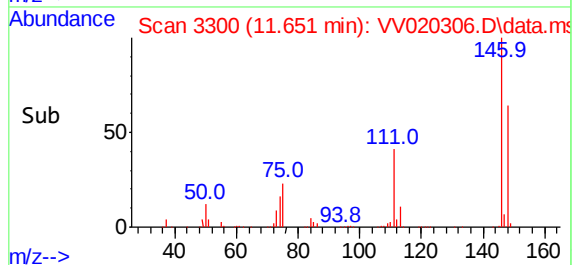
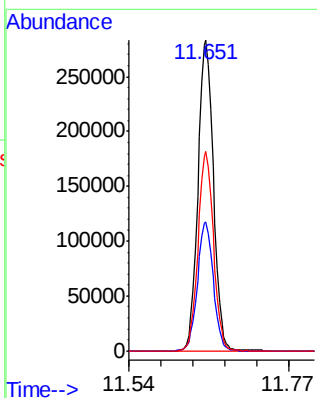
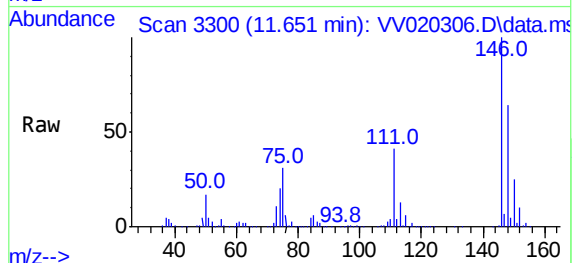




#65
1,2-Dichlorobenzene
Concen: 50.08 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

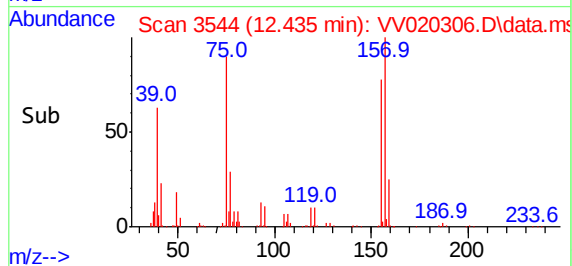
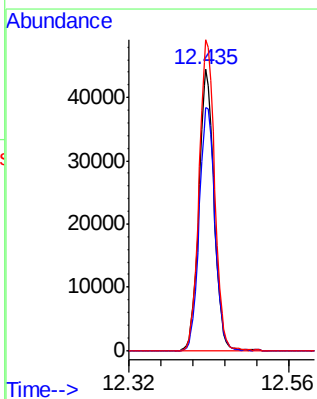
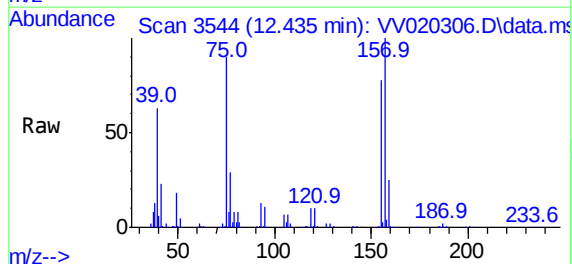
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

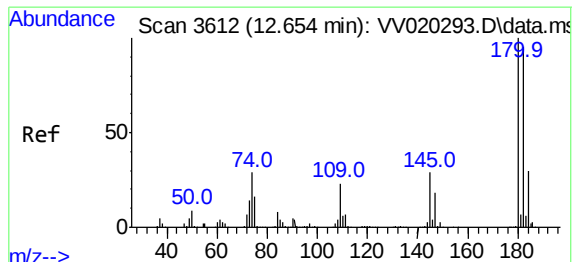
Tgt Ion:146 Resp: 441161
Ion Ratio Lower Upper
146 100
111 41.4 36.3 54.5
148 64.0 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.04 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion: 75 Resp: 67628
Ion Ratio Lower Upper
75 100
155 86.4 59.1 88.7
157 110.6 75.4 113.0

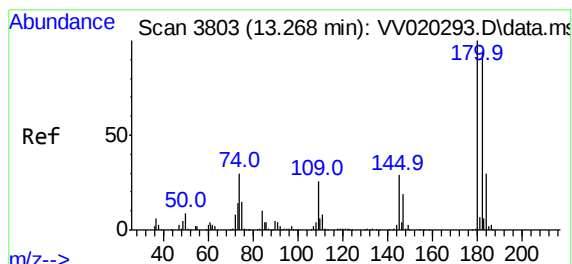
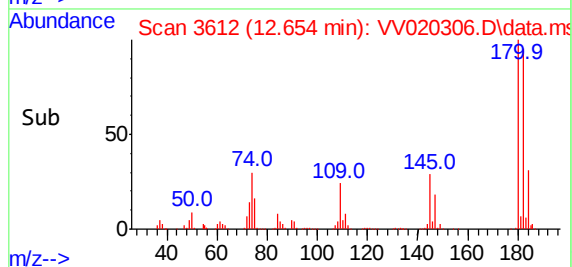
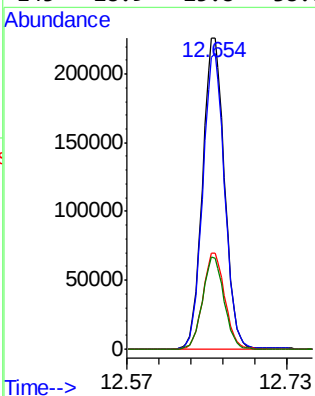
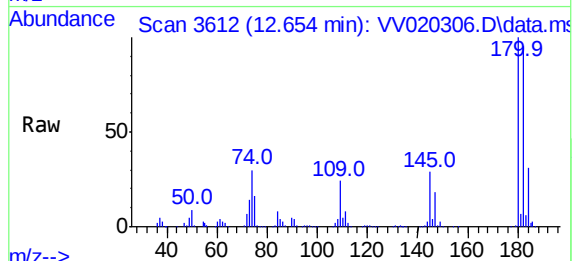




#67
1,3,5-Trichlorobenzene
Concen: 49.71 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

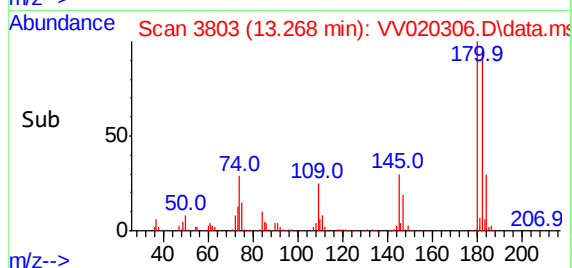
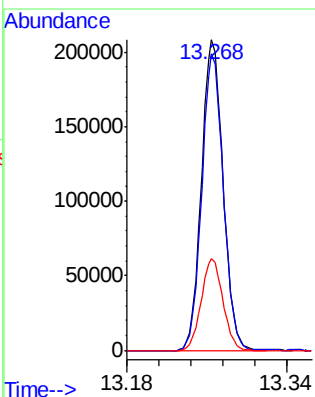
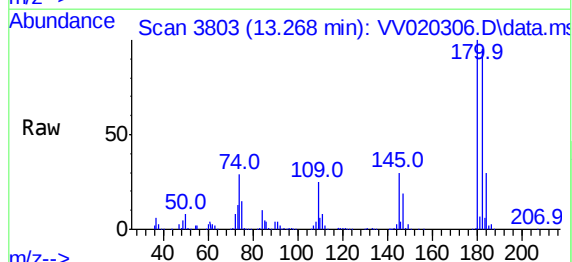
Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

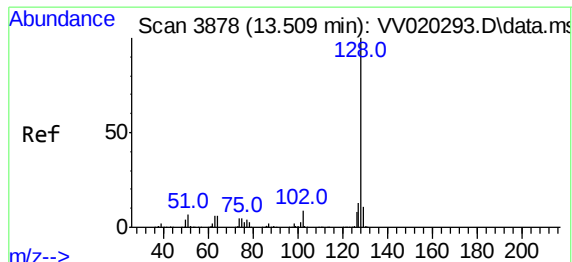
Tgt Ion:180 Resp: 342481
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.6
184 30.7 24.0 36.0
145 28.9 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 51.05 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:180 Resp: 312091
Ion Ratio Lower Upper
180 100
182 95.5 75.1 112.7
145 29.6 26.8 40.2

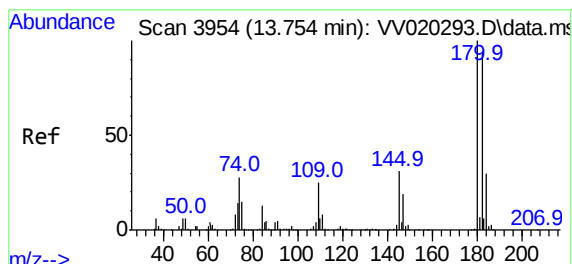
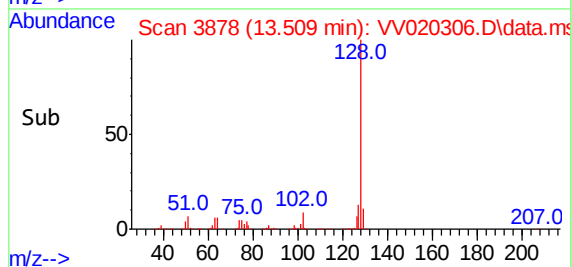
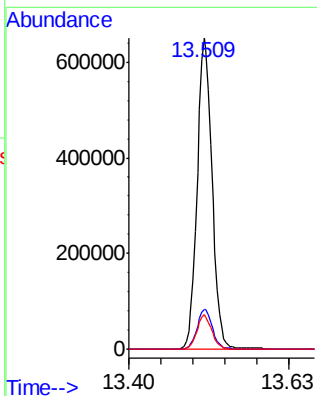
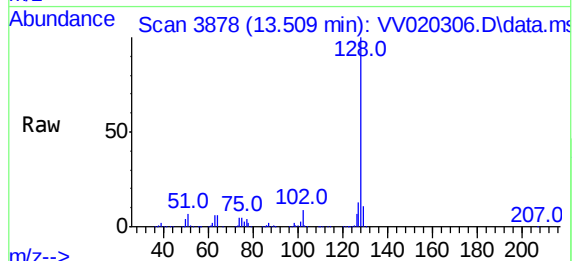




#69
Naphthalene
Concen: 55.80 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.000 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Instrument :
MSVOA_V
ClientSampleId :
VSTD05092

Tgt Ion:128 Resp: 976928
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 52.21 ug/L
RT: 13.750 min Scan# 3953
Delta R.T. -0.003 min
Lab File: VV020306.D
Acq: 11 Feb 2021 18:26

Tgt Ion:180 Resp: 317776
Ion Ratio Lower Upper
180 100
182 95.4 76.1 114.1
145 32.0 27.9 41.9

