

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021121\
 Data File : VW020293.D
 Acq On : 11 Feb 2021 09:16
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05091

Quant Time: Feb 12 00:20:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 01:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	593529	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	576073	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	322594	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	178859	41.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.66%
7) Chloroethane-d5	1.568	69	155551	43.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.62%
11) 1,1-Dichloroethene-d2	2.108	63	369218	45.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.28%
21) 2-Butanone-d5	3.883	46	221675	91.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.69%
24) Chloroform-d	4.349	84	351876	45.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.031	65	220811	45.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.46%
32) Benzene-d6	5.050	84	668798	44.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.62%
36) 1,2-Dichloropropane-d6	6.072	67	203363	45.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.28%
41) Toluene-d8	7.317	98	634332	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloroprop...	7.622	79	103303	45.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.96%
47) 2-Hexanone-d5	8.088	63	167777	90.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.51%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	296979	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.632	152	272016	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	252008	47.75	ug/L	99
3) Chloromethane	1.240	50	212743	45.35	ug/L	99
5) Vinyl chloride	1.310	62	240885	47.69	ug/L	99
6) Bromomethane	1.523	94	157719	49.96	ug/L	97
8) Chloroethane	1.584	64	158022	50.02	ug/L	98
9) Trichlorofluoromethane	1.751	101	348395	48.54	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	201122	52.65	ug/L	94
12) 1,1-Dichloroethene	2.117	96	185135	50.28	ug/L	75
13) Acetone	2.172	43	173264	101.52	ug/L	96
14) Carbon disulfide	2.294	76	519707	47.89	ug/L	100
15) Methyl Acetate	2.429	43	172423	47.49	ug/L	92
16) Methylene chloride	2.507	84	199064	49.36	ug/L	89
17) trans-1,2-Dichloroethene	2.757	96	188908	49.49	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	551166	47.55	ug/L	97
19) 1,1-Dichloroethane	3.188	63	341499	49.25	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	204254	49.75	ug/L	87
22) 2-Butanone	3.963	43	249157	102.66	ug/L	95
23) Bromochloromethane	4.246	128	108399	48.83	ug/L #	80
25) Chloroform	4.375	83	358664	49.40	ug/L	96
27) 1,2-Dichloroethane	5.130	62	280731	48.83	ug/L	98

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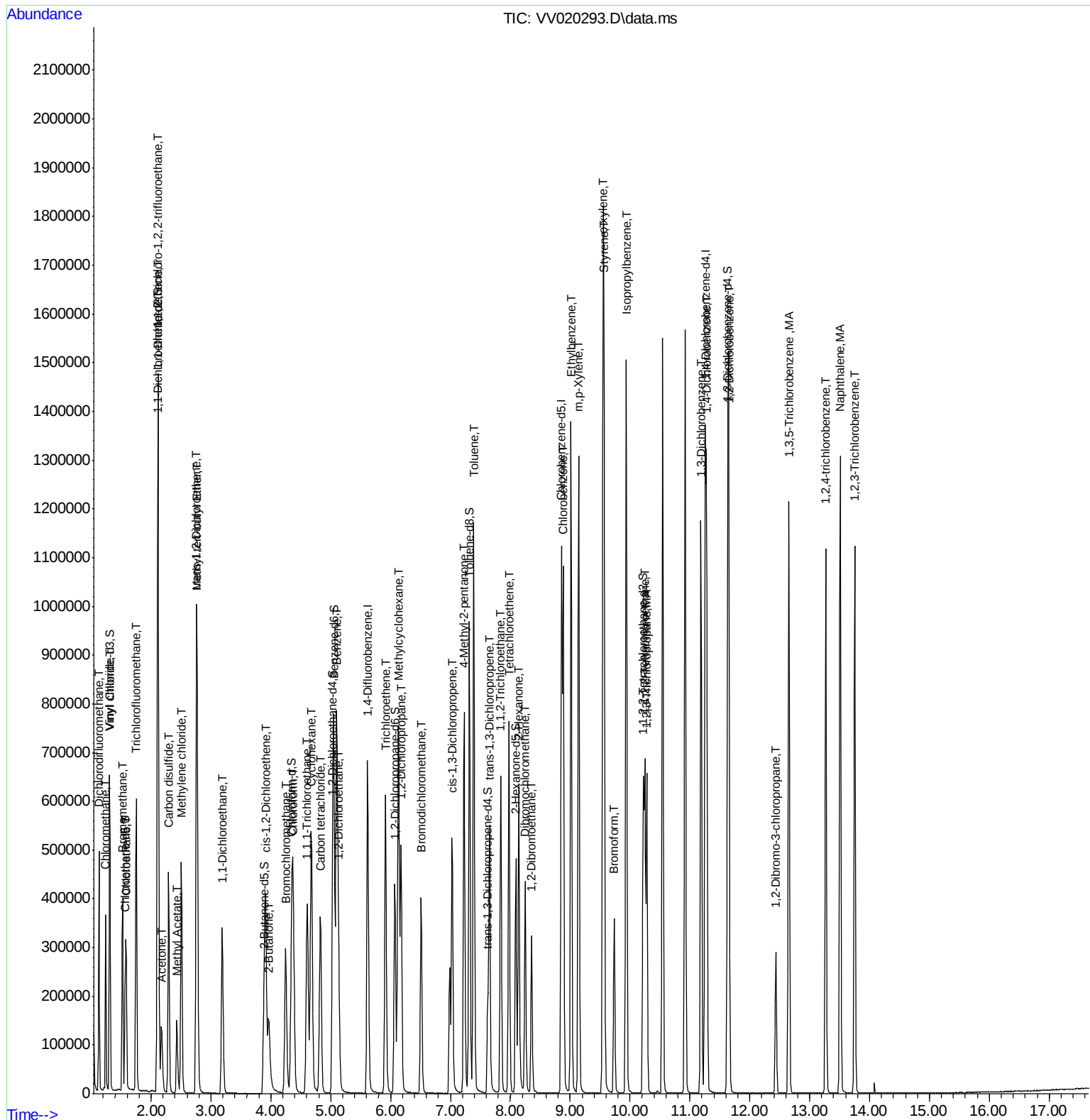
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	284268	48.67	ug/L	89
30) 1,1,1-Trichloroethane	4.606	97	315177	49.27	ug/L	97
31) Carbon tetrachloride	4.828	117	272170	48.92	ug/L	99
33) Benzene	5.098	78	769284	49.94	ug/L	100
34) Trichloroethene	5.915	95	211875	50.06	ug/L	93
35) Methylcyclohexane	6.133	83	319265	49.82	ug/L	93
37) 1,2-Dichloropropane	6.175	63	195281	50.05	ug/L	98
38) Bromodichloromethane	6.510	83	265898	49.58	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	299198	48.43	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	477471	97.06	ug/L #	93
42) Toluene	7.387	91	845140	49.88	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	298614	49.70	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	196862	49.03	ug/L	98
46) Tetrachloroethene	7.979	164	166758	48.21	ug/L	94
48) 2-Hexanone	8.140	43	368611	97.94	ug/L #	90
49) Dibromochloromethane	8.249	129	215601	48.66	ug/L	98
50) 1,2-Dibromoethane	8.355	107	210877	49.03	ug/L #	99
51) Chlorobenzene	8.886	112	554743	48.81	ug/L	96
52) Ethylbenzene	9.014	91	934296	49.93	ug/L	99
53) m,p-Xylene	9.143	106	354795	49.79	ug/L	94
54) o-xylene	9.548	106	341766	49.27	ug/L	94
55) Styrene	9.564	104	609216	51.04	ug/L	94
56) Isopropylbenzene	9.937	105	942474	50.63	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.246	83	305787	48.33	ug/L	96
59) 1,2,3-Trichloropropane	10.278	75	253968	48.55	ug/L	99
61) Bromoform	9.735	173	156114	47.56	ug/L #	99
62) 1,3-Dichlorobenzene	11.188	146	467285	48.97	ug/L	97
63) 1,4-Dichlorobenzene	11.278	146	479788	49.03	ug/L	98
65) 1,2-Dichlorobenzene	11.651	146	466072	48.92	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.435	75	67710	46.33	ug/L	83
67) 1,3,5-Trichlorobenzene	12.654	180	368437	49.44	ug/L	97
68) 1,2,4-trichlorobenzene	13.268	180	328148	49.63	ug/L	98
69) Naphthalene	13.509	128	962270	50.82	ug/L	100
70) 1,2,3-Trichlorobenzene	13.754	180	333238	50.62	ug/L	98

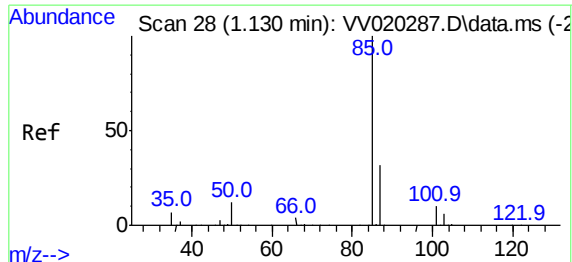
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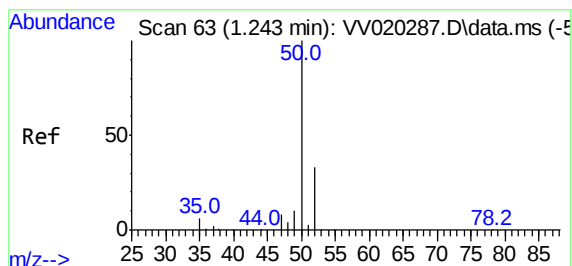
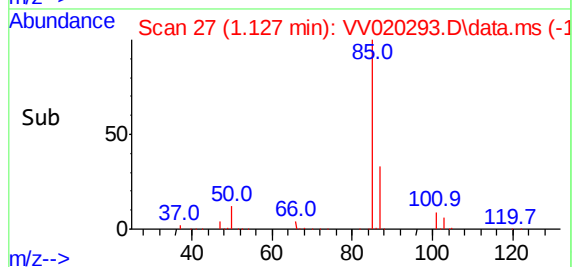
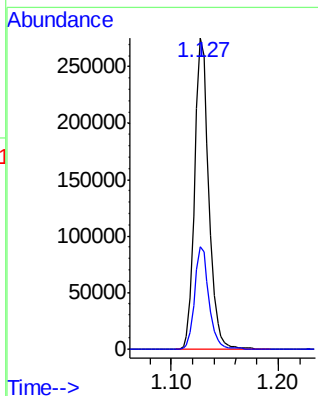
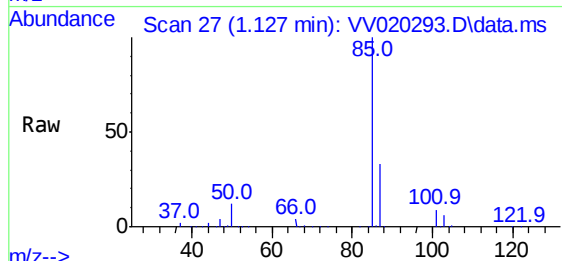


#2

Dichlorodifluoromethane
 Concen: 47.75 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.002 min
 Lab File: VV020293.D
 Acq: 11 Feb 2021 09:16

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05091

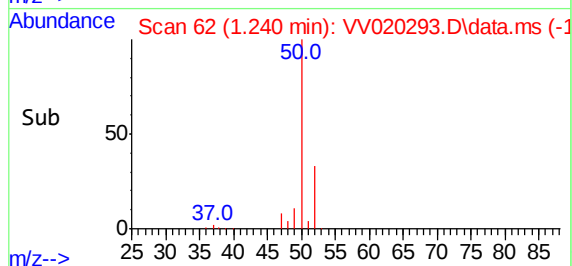
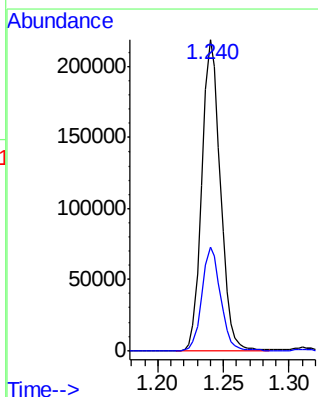
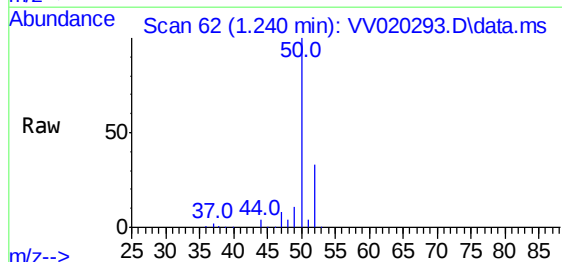
Tgt Ion: 85 Resp: 252008
 Ion Ratio Lower Upper
 85 100
 87 32.8 25.9 38.9

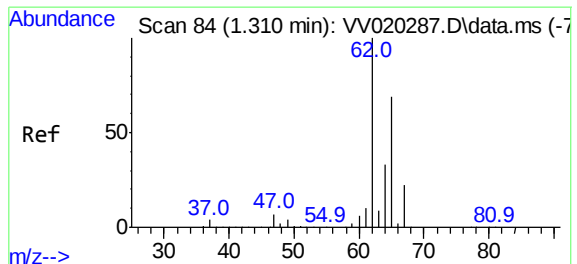


#3

Chloromethane
 Concen: 45.35 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.002 min
 Lab File: VV020293.D
 Acq: 11 Feb 2021 09:16

Tgt Ion: 50 Resp: 212743
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.7 42.1



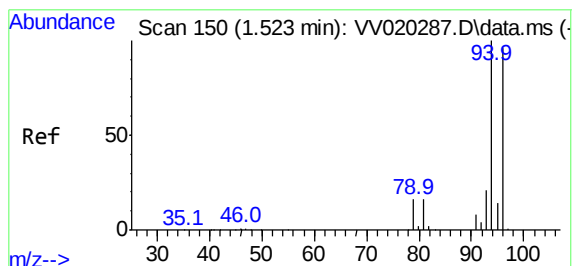
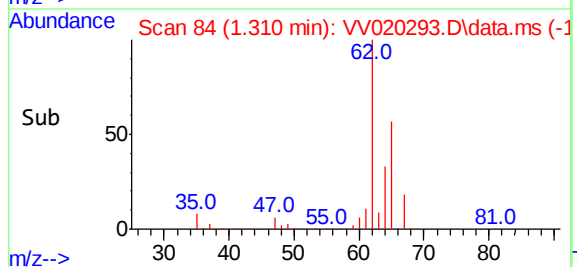
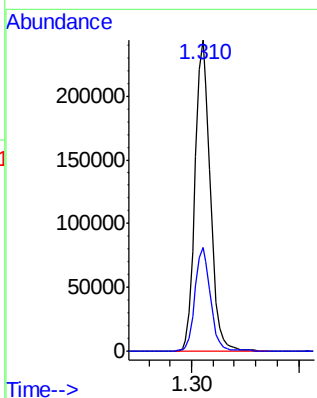
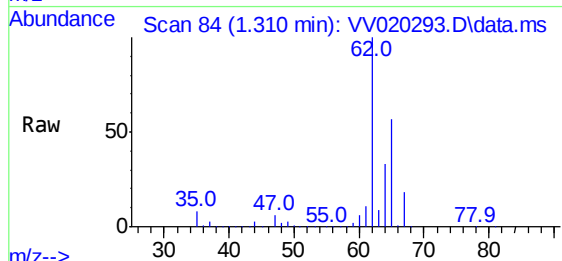


#5
 Vinyl chloride
 Concen: 47.69 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: VV020293.D
 Acq: 11 Feb 2021 09:16

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05091

Tgt Ion: 62 Resp: 240885

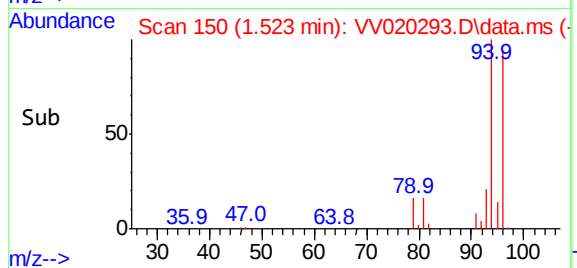
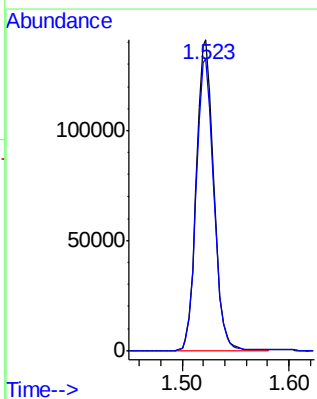
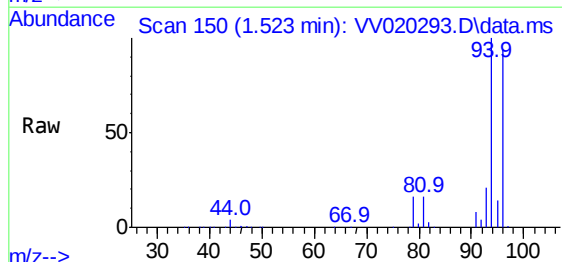
Ion	Ratio	Lower	Upper
62	100		
64	33.3	23.0	42.6

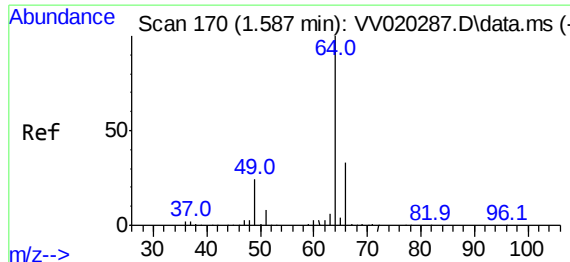


#6
 Bromomethane
 Concen: 49.96 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.002 min
 Lab File: VV020293.D
 Acq: 11 Feb 2021 09:16

Tgt Ion: 94 Resp: 157719

Ion	Ratio	Lower	Upper
94	100		
96	93.8	63.6	118.2

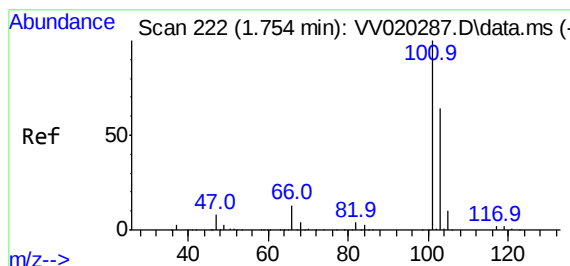
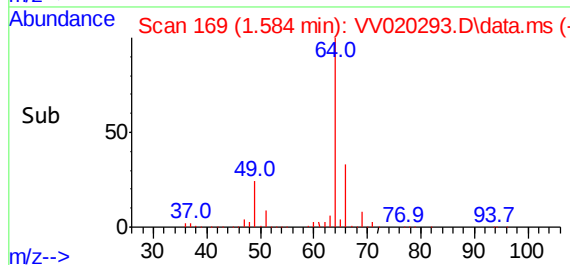
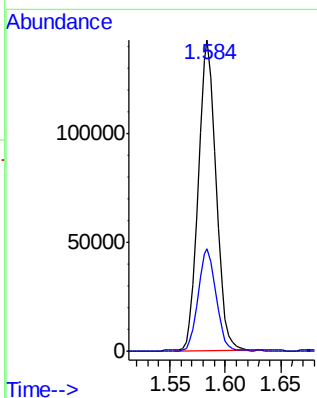
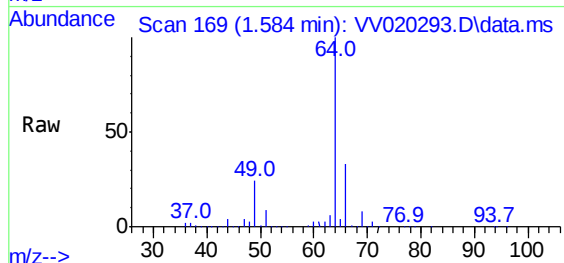




#8
Chloroethane
Concen: 50.02 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

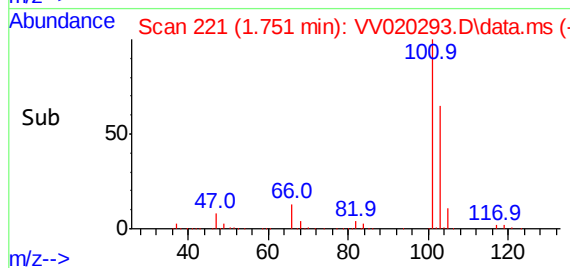
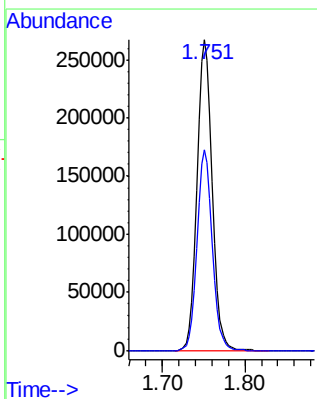
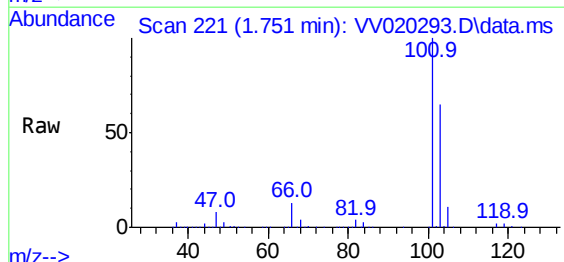
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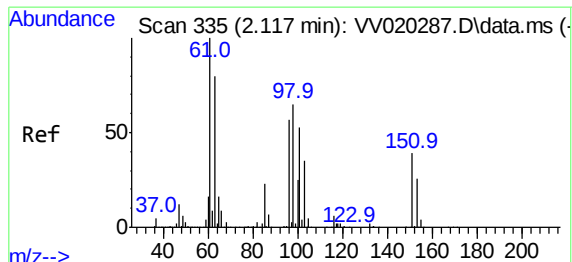
Tgt Ion: 64 Resp: 158022
Ion Ratio Lower Upper
64 100
66 33.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 48.54 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:101 Resp: 348395
Ion Ratio Lower Upper
101 100
103 64.6 51.7 77.5

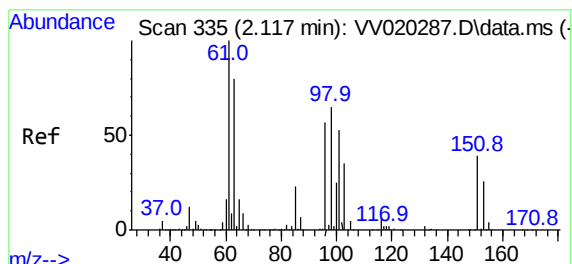
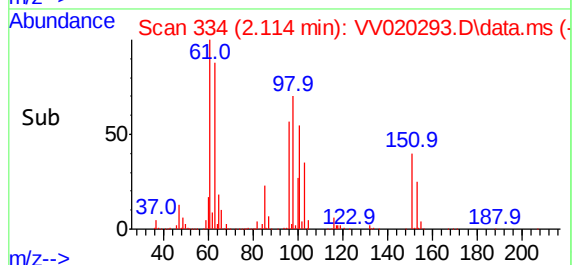
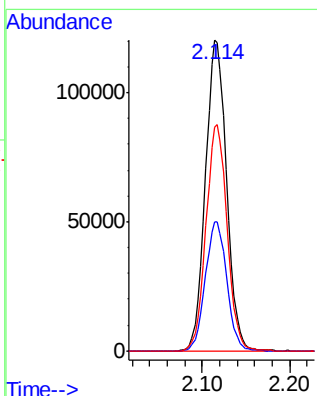
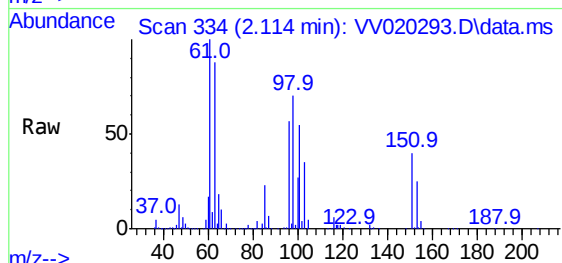




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.65 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.005 min
 Lab File: VV020293.D
 Acq: 11 Feb 2021 09:16

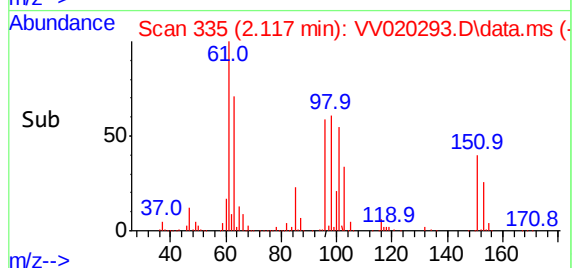
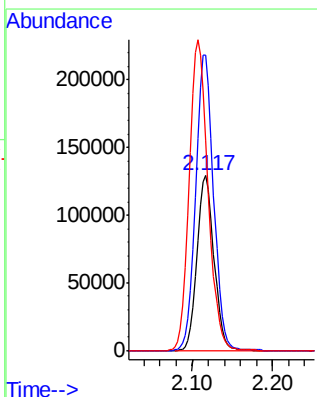
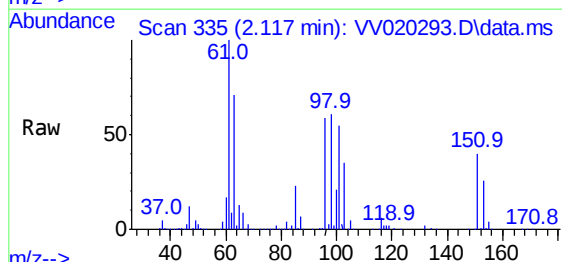
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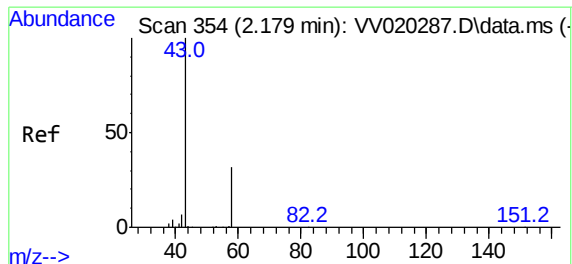
Tgt Ion:101 Resp: 201122
 Ion Ratio Lower Upper
 101 100
 85 42.3 35.3 52.9
 151 72.9 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 50.28 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.002 min
 Lab File: VV020293.D
 Acq: 11 Feb 2021 09:16

Tgt Ion: 96 Resp: 185135
 Ion Ratio Lower Upper
 96 100
 61 168.9 134.9 250.5
 63 119.9 117.6 218.4

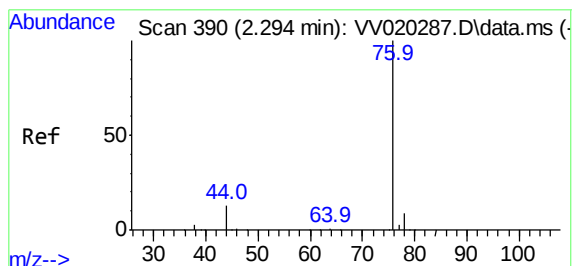
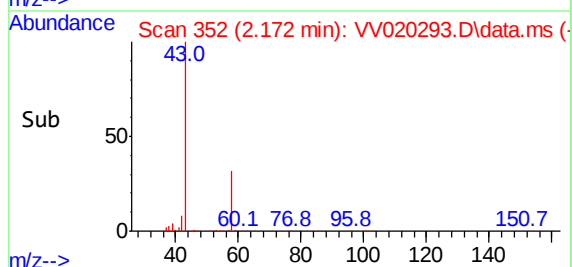
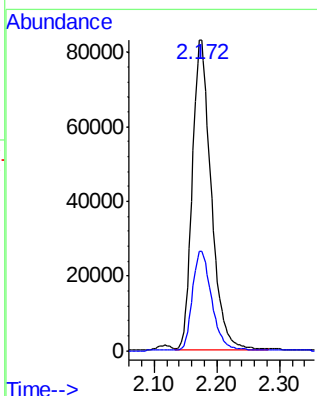
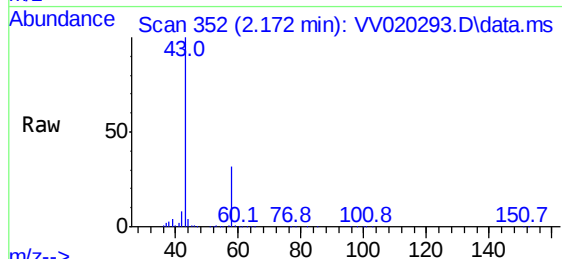




#13
Acetone
Concen: 101.52 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

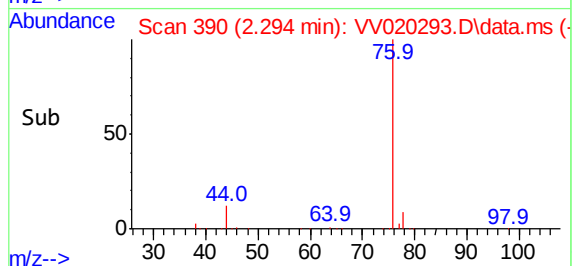
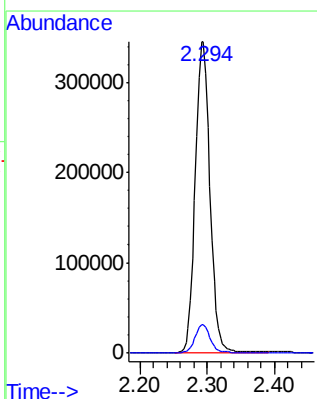
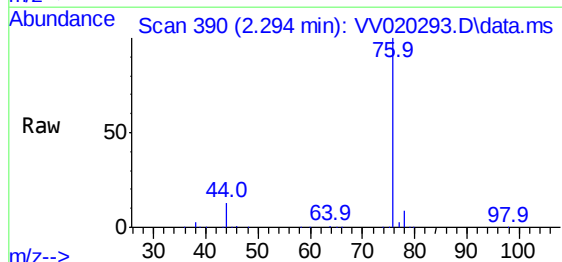
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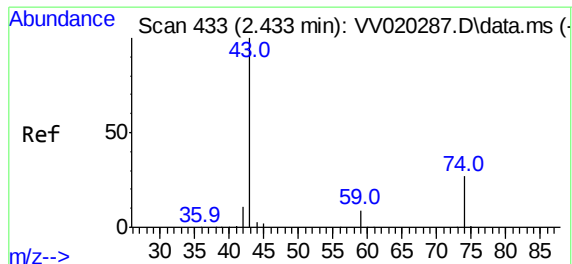
Tgt Ion: 43 Resp: 173264
Ion Ratio Lower Upper
43 100
58 32.1 0.0 60.2



#14
Carbon disulfide
Concen: 47.89 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.002 min
Lab File: VV020293.D
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Tgt Ion: 76 Resp: 519707
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

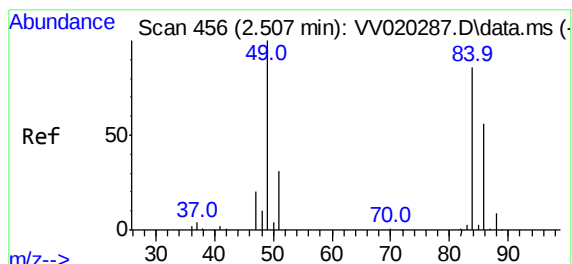
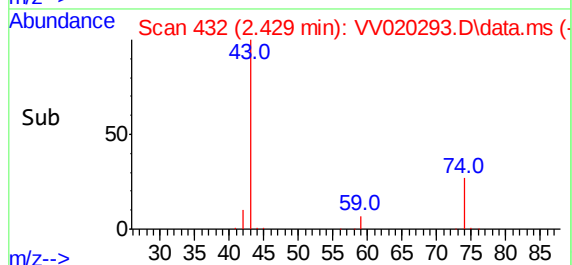
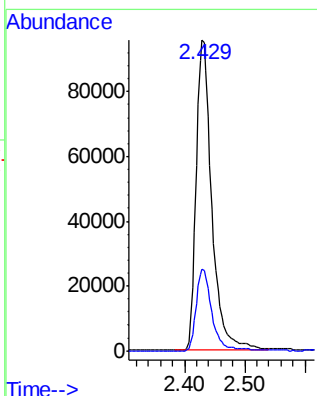
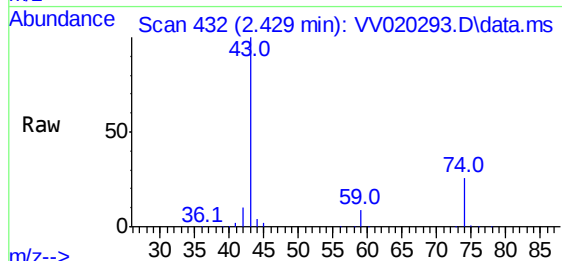




#15
Methyl Acetate
Concen: 47.49 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

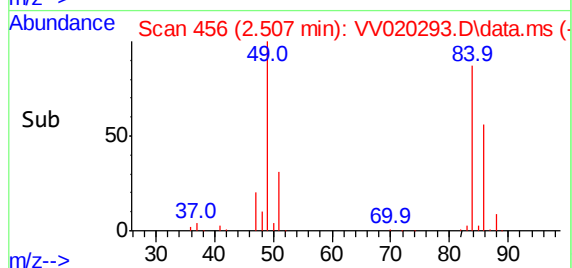
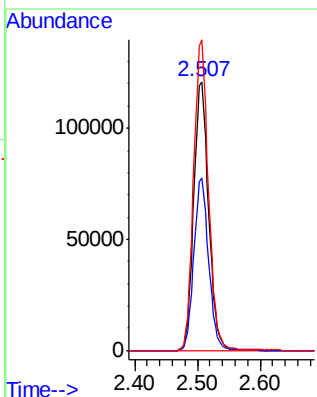
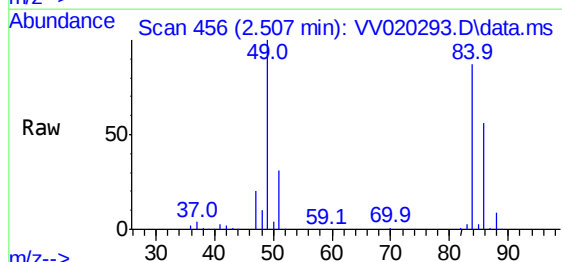
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

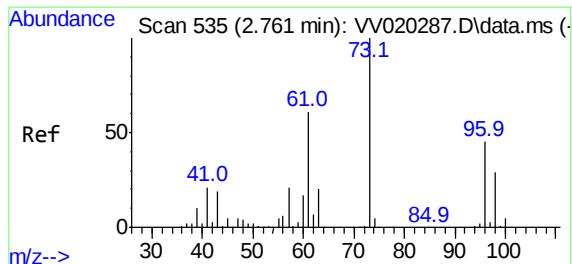
Tgt Ion: 43 Resp: 172423
Ion Ratio Lower Upper
43 100
74 26.0 17.6 26.4



#16
Methylene chloride
Concen: 49.36 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 84 Resp: 199064
Ion Ratio Lower Upper
84 100
86 64.3 44.6 82.8
49 115.5 94.6 175.8

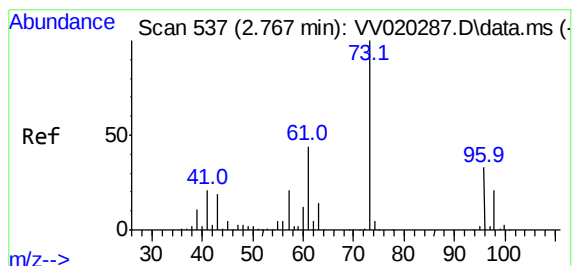
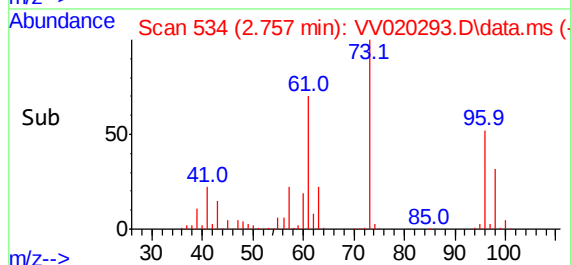
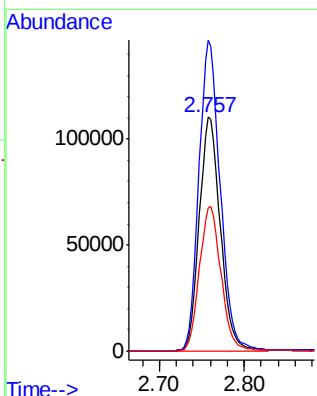
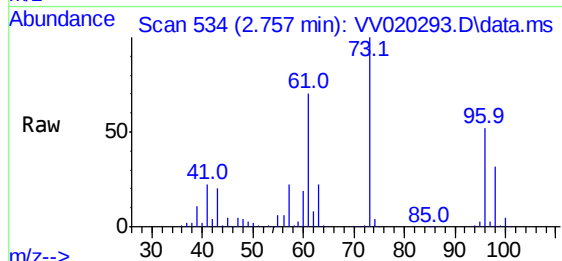




#17
trans-1,2-Dichloroethene
Concen: 49.49 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

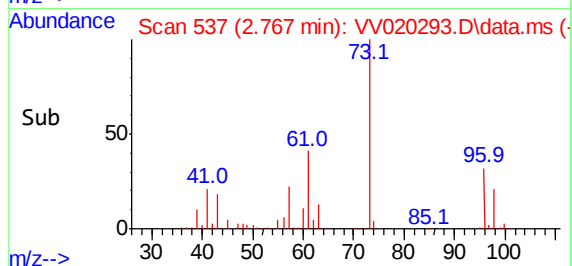
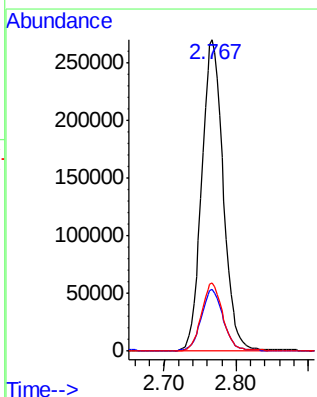
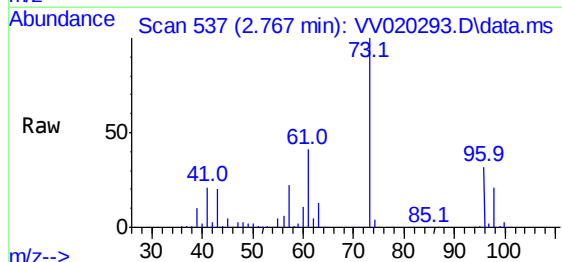
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

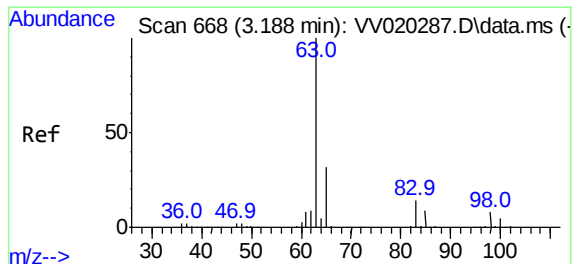
Tgt Ion: 96 Resp: 188908
Ion Ratio Lower Upper
96 100
61 133.1 103.1 191.5
98 61.0 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 47.55 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 73 Resp: 551166
Ion Ratio Lower Upper
73 100
43 19.7 17.3 25.9
57 21.4 17.9 26.9

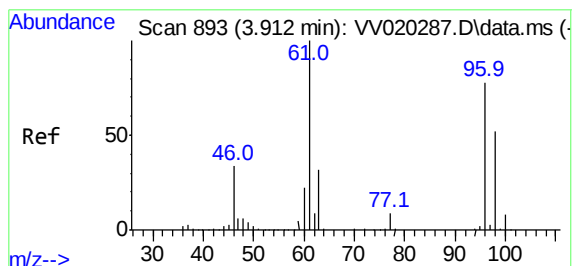
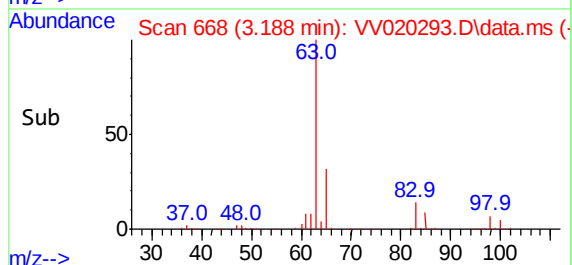
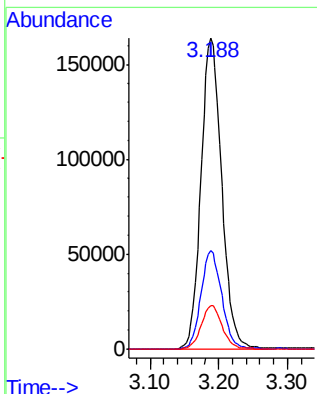
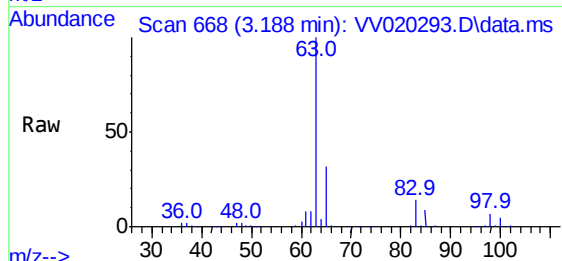




#19
1,1-Dichloroethane
Concen: 49.25 ug/L
RT: 3.188 min Scan# 668
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

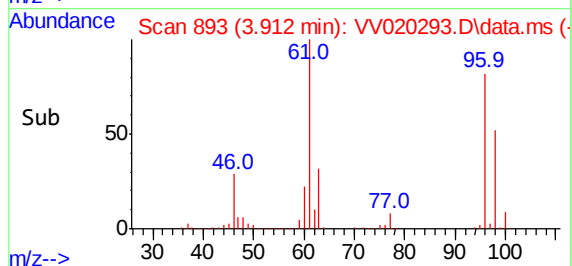
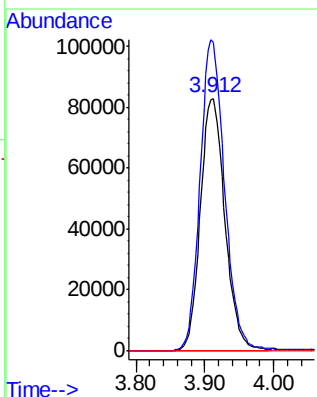
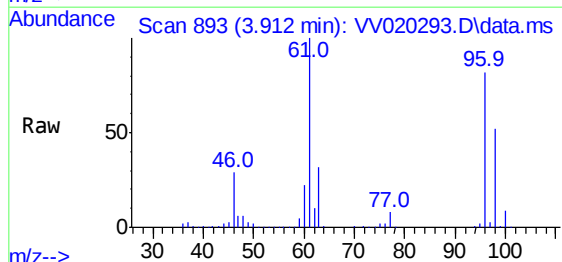
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

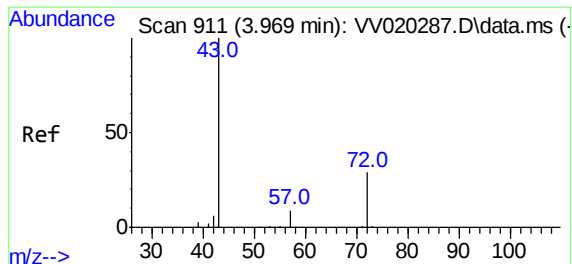
Tgt Ion: 63 Resp: 341499
Ion Ratio Lower Upper
63 100
65 31.8 21.9 40.7
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 49.75 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 96 Resp: 204254
Ion Ratio Lower Upper
96 100
61 122.6 96.9 179.9
68 0.0 0.0 0.0

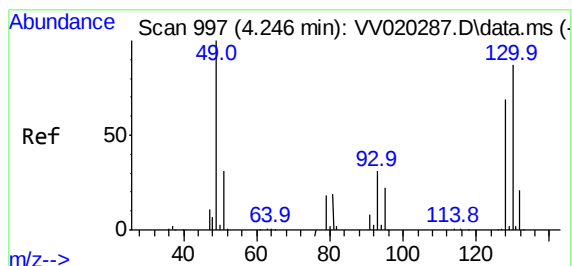
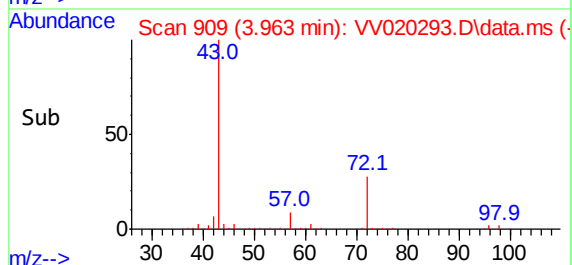
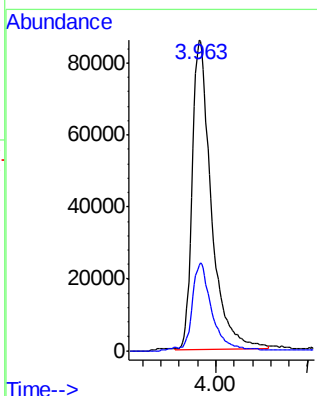
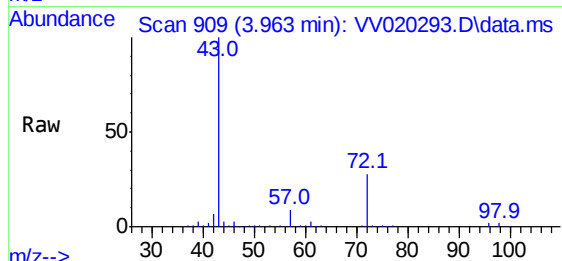




#22
2-Butanone
Concen: 102.66 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.008 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

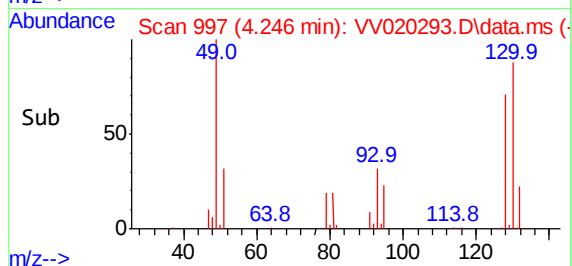
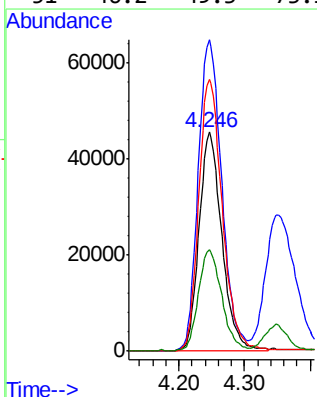
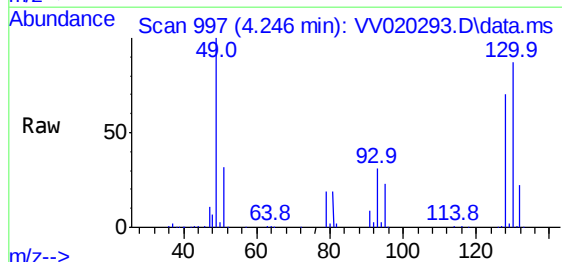
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

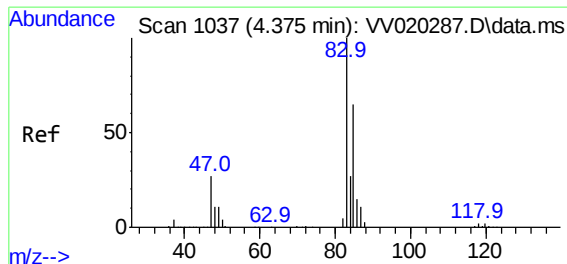
Tgt Ion: 43 Resp: 249157
Ion Ratio Lower Upper
43 100
72 27.0 12.2 36.6



#23
Bromochloromethane
Concen: 48.83 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:128 Resp: 108399
Ion Ratio Lower Upper
128 100
49 142.4 133.1 247.1
130 124.2 89.0 165.4
51 46.2 49.3 73.9#

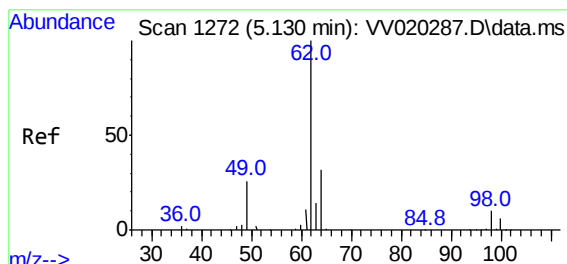
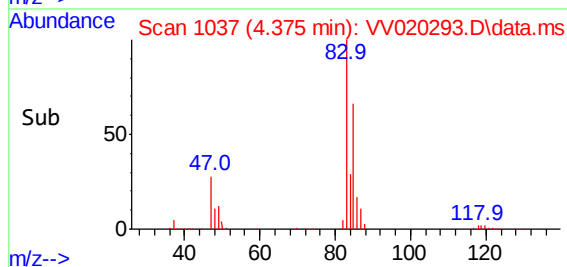
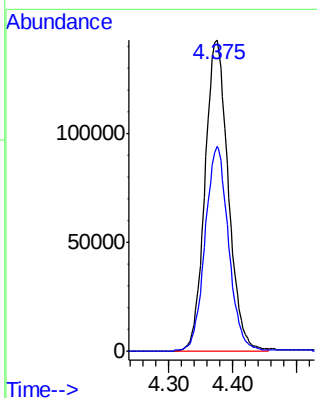
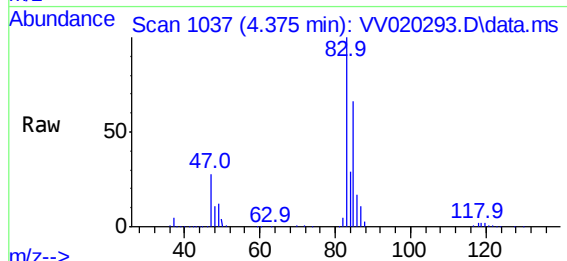




#25
Chloroform
Concen: 49.40 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

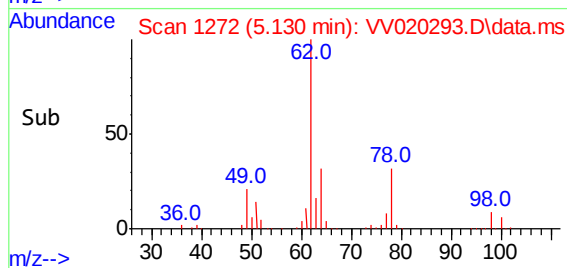
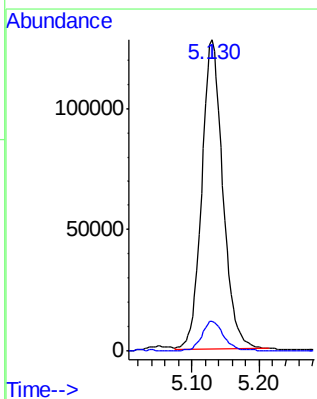
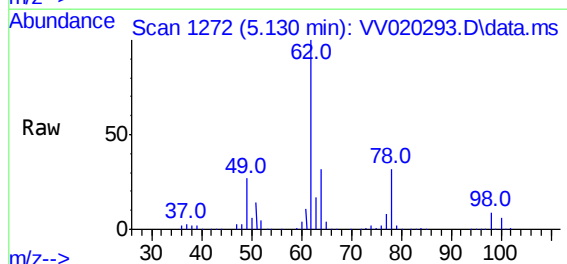
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

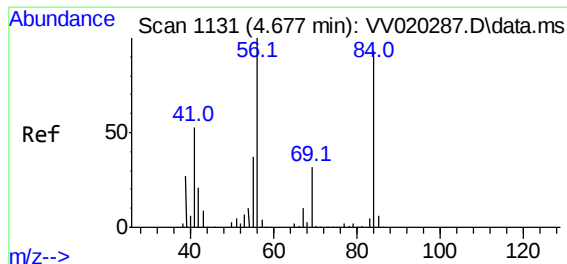
Tgt Ion: 83 Resp: 358664
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.2



#27
1,2-Dichloroethane
Concen: 48.83 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 62 Resp: 280731
Ion Ratio Lower Upper
62 100
98 9.3 6.9 10.3



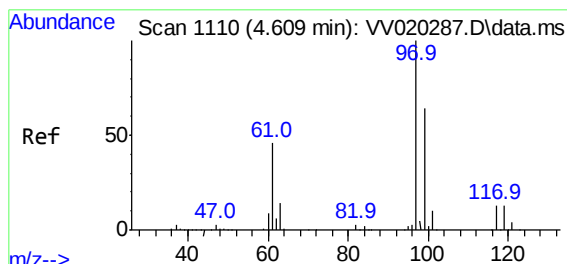
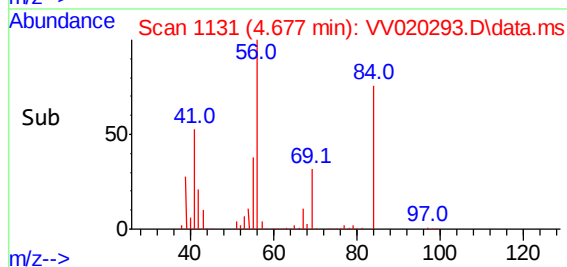
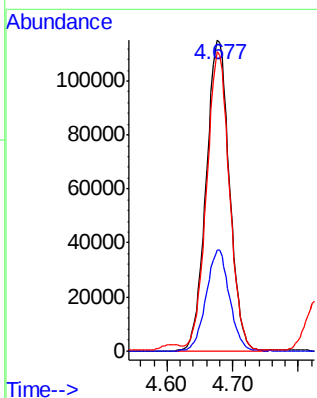
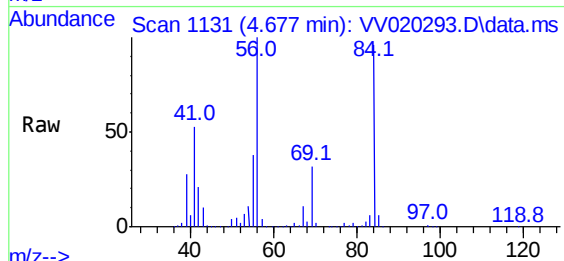


#29
Cyclohexane
Concen: 48.67 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

Tgt Ion: 56 Resp: 284268

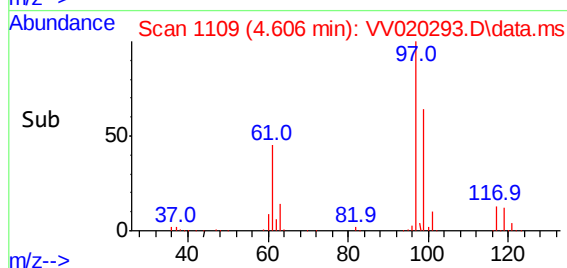
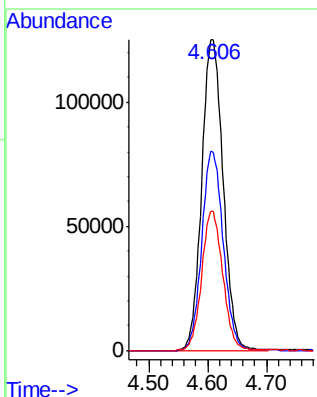
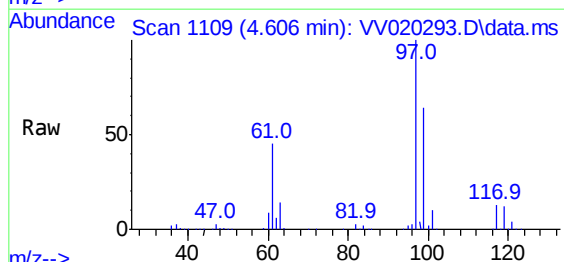
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.2	36.2
84	94.6	66.3	99.5

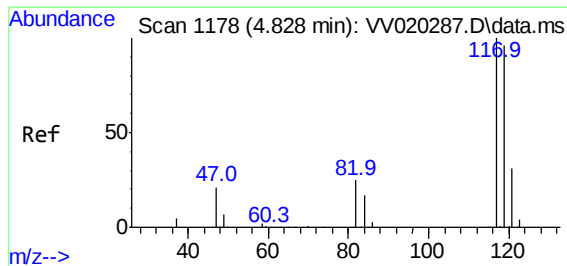


#30
1,1,1-Trichloroethane
Concen: 49.27 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.008 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 97 Resp: 315177

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.2	76.8
61	44.2	38.5	57.7

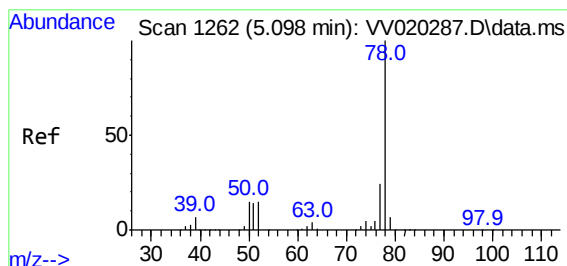
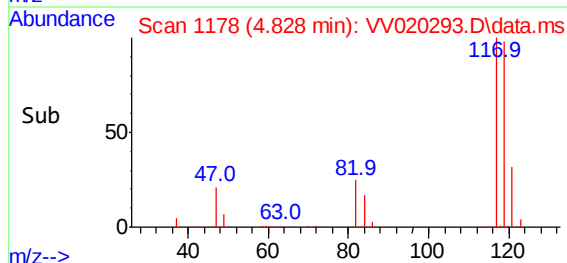
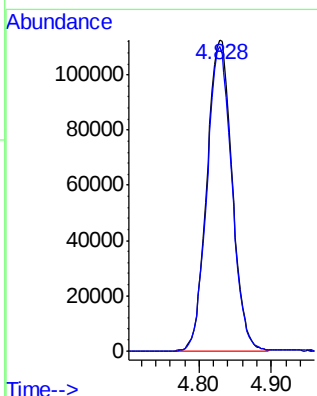
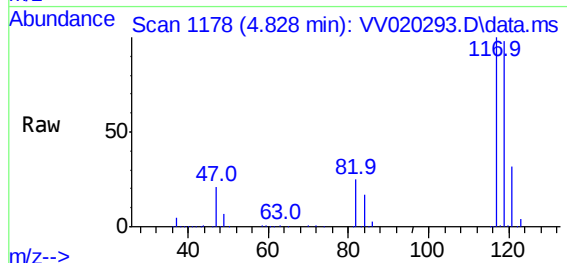




#31
Carbon tetrachloride
Concen: 48.92 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

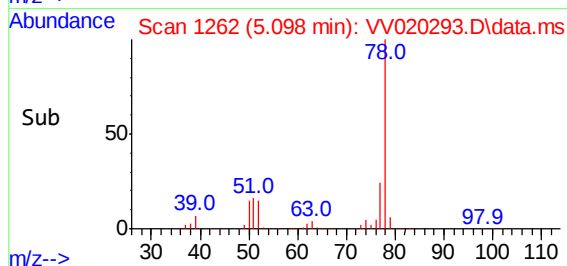
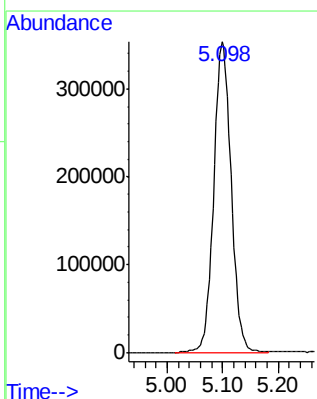
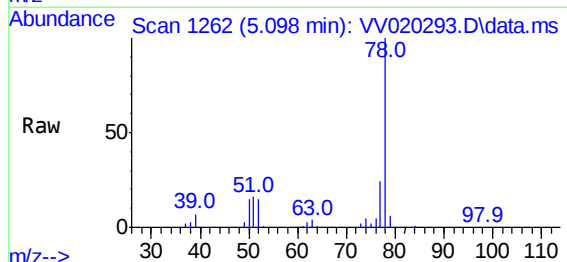
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

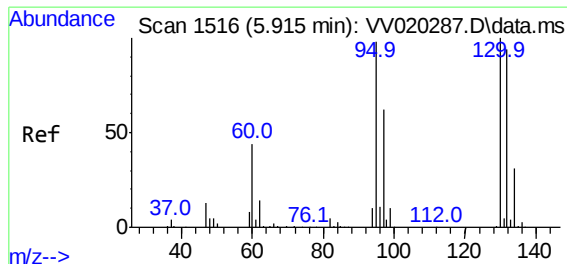
Tgt Ion:117 Resp: 272170
Ion Ratio Lower Upper
117 100
119 96.7 76.3 114.5



#33
Benzene
Concen: 49.94 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 78 Resp: 769284

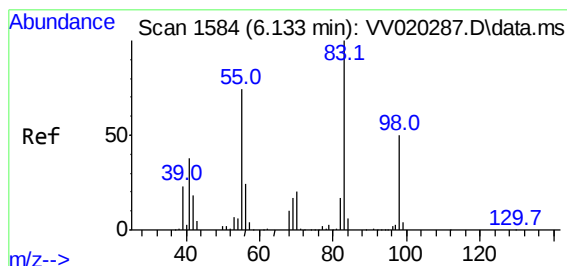
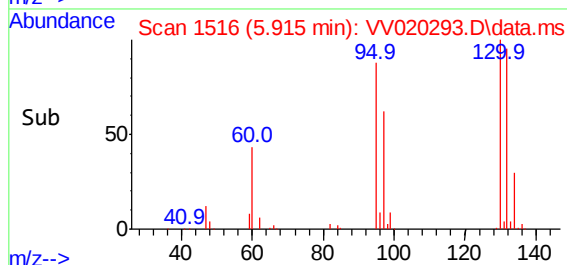
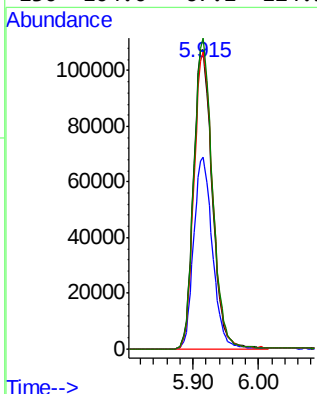
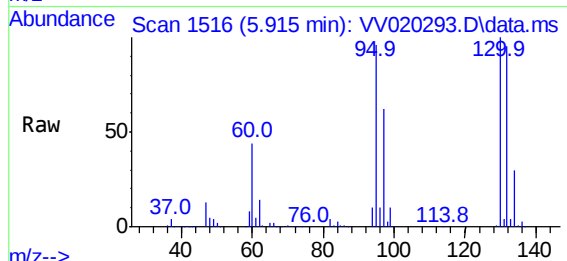




#34
Trichloroethene
Concen: 50.06 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

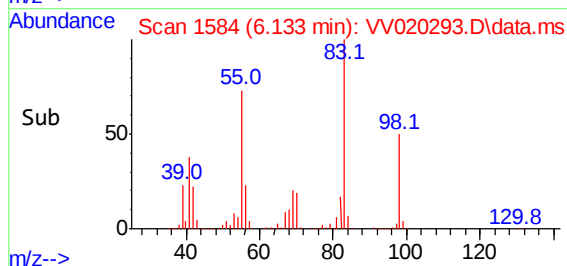
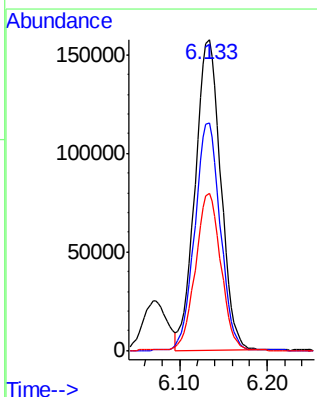
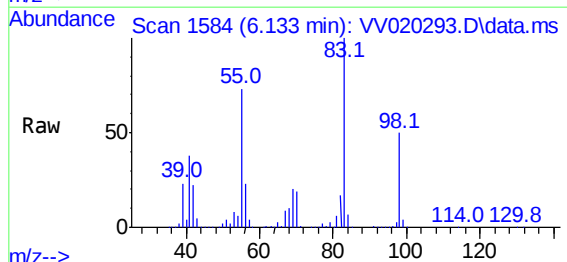
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

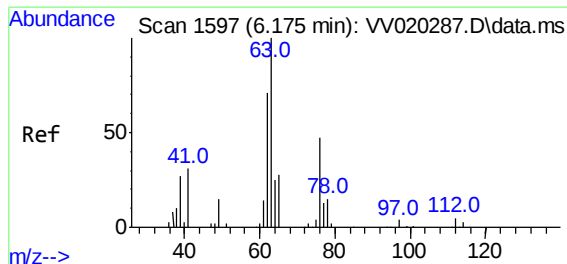
Tgt Ion: 95 Resp: 211875
Ion Ratio Lower Upper
95 100
97 64.1 44.5 82.7
132 99.2 63.4 117.8
130 104.0 67.1 124.5



#35
Methylcyclohexane
Concen: 49.82 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 83 Resp: 319265
Ion Ratio Lower Upper
83 100
55 72.8 65.1 97.7
98 50.0 38.2 57.2

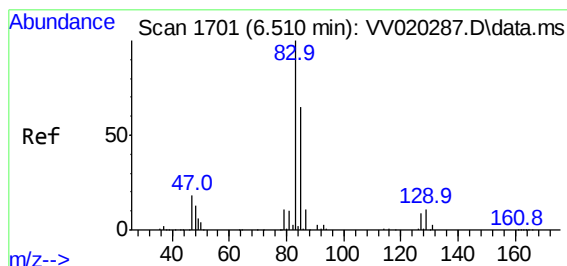
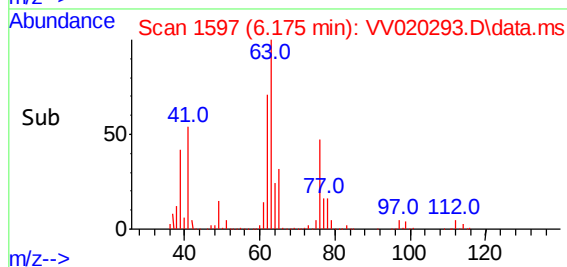
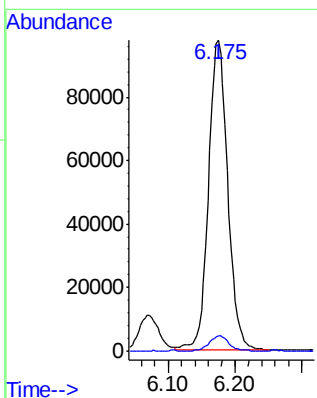
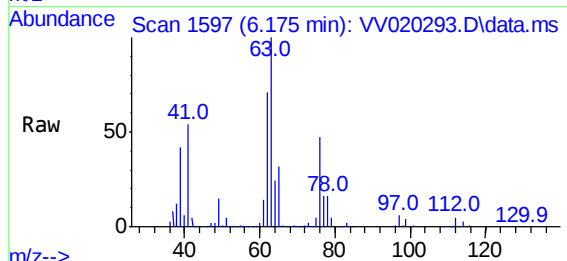




#37
1,2-Dichloropropane
Concen: 50.05 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

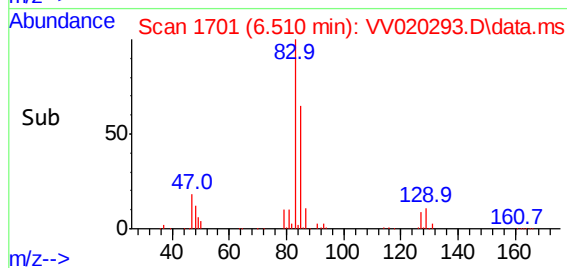
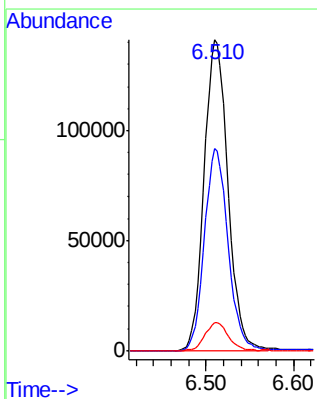
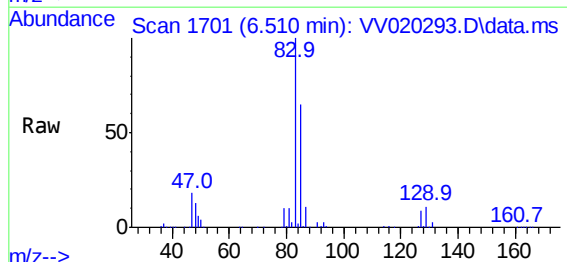
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

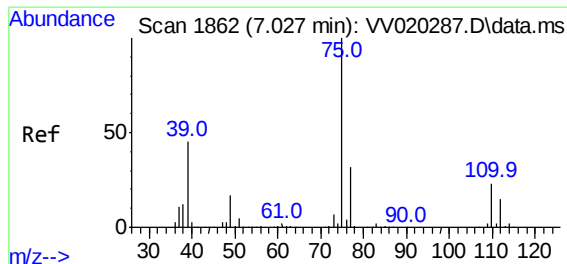
Tgt Ion: 63 Resp: 195281
Ion Ratio Lower Upper
63 100
112 4.8 3.3 4.9



#38
Bromodichloromethane
Concen: 49.58 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 83 Resp: 265898
Ion Ratio Lower Upper
83 100
85 64.8 44.5 82.7
127 8.8 6.3 9.5

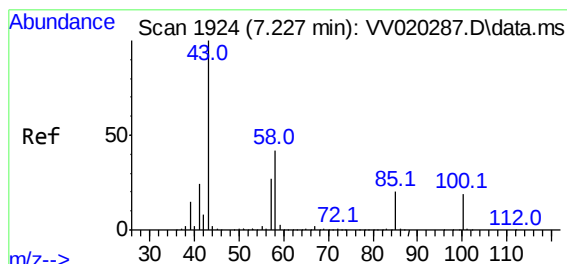
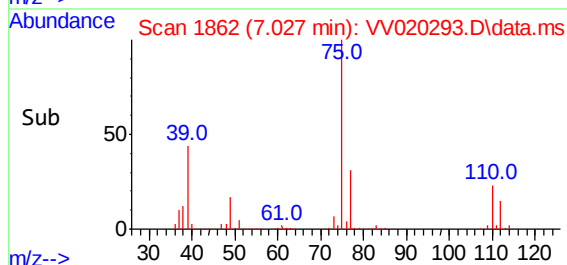
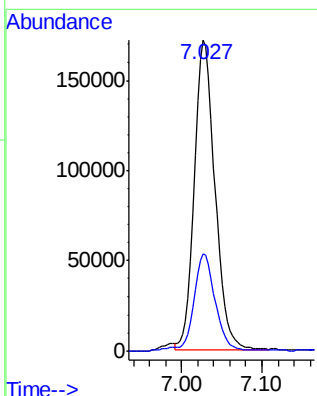
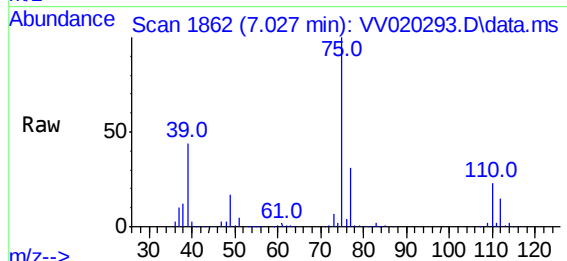




#39
cis-1,3-Dichloropropene
Concen: 48.43 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

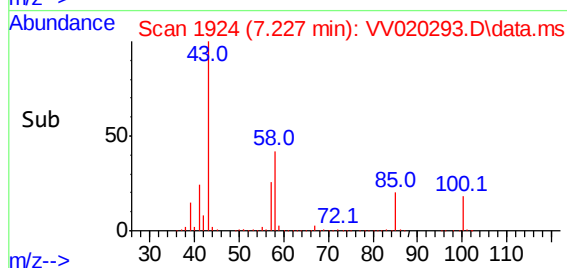
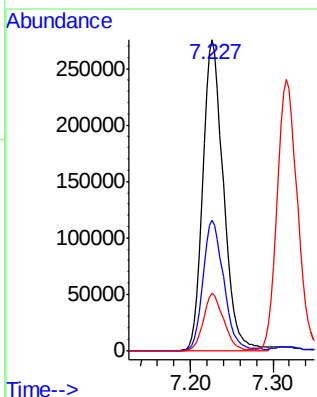
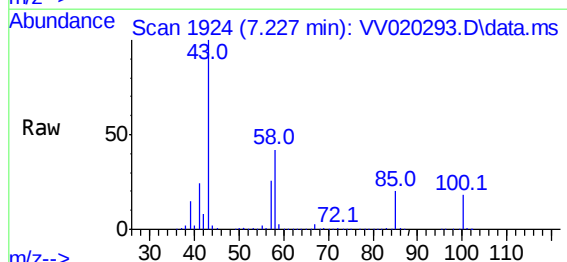
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

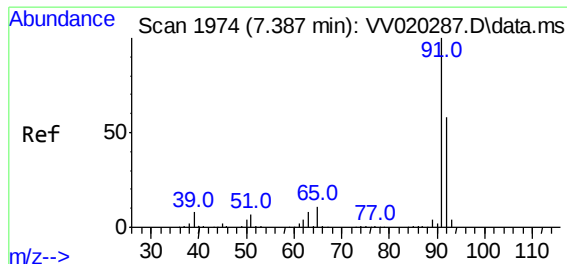
Tgt Ion: 75 Resp: 299198
Ion Ratio Lower Upper
75 100
77 31.3 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 97.06 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 43 Resp: 477471
Ion Ratio Lower Upper
43 100
58 42.3 30.7 46.1
100 17.9 11.6 17.4#

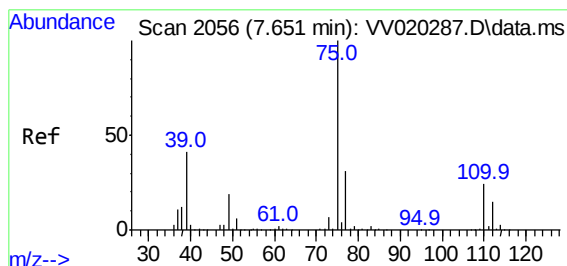
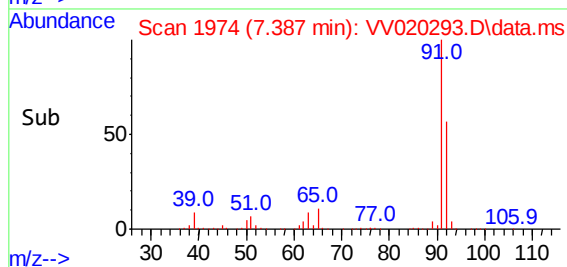
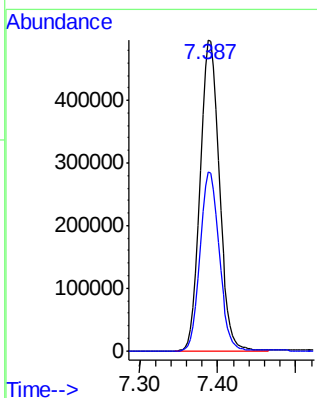
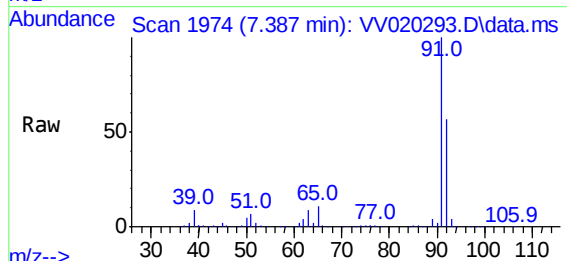




#42
Toluene
Concen: 49.88 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.005 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

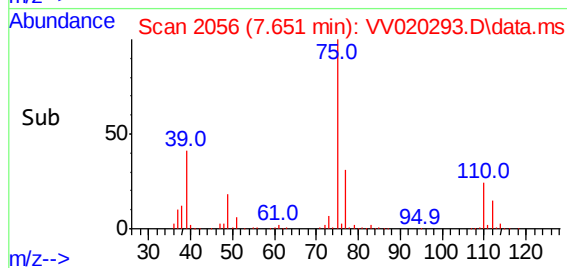
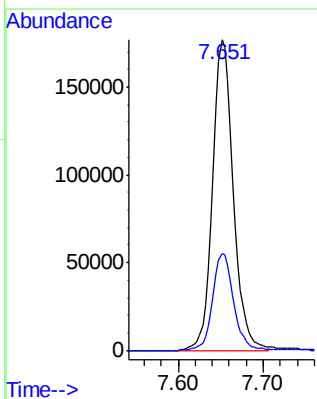
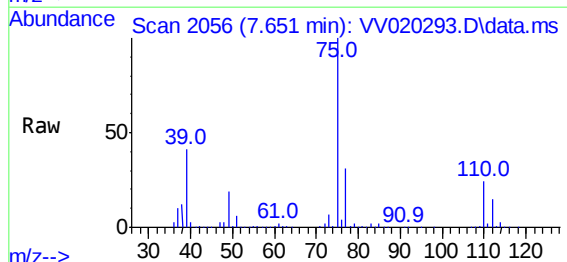
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

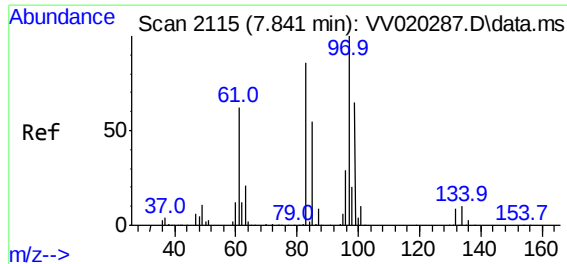
Tgt Ion: 91 Resp: 845140
Ion Ratio Lower Upper
91 100
92 57.4 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 49.70 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 75 Resp: 298614
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0



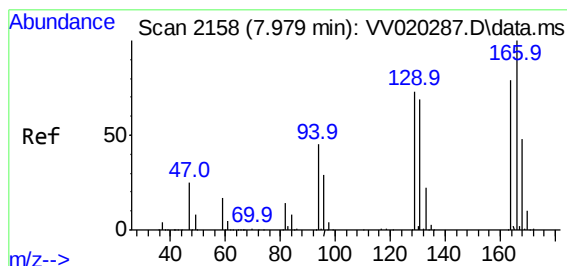
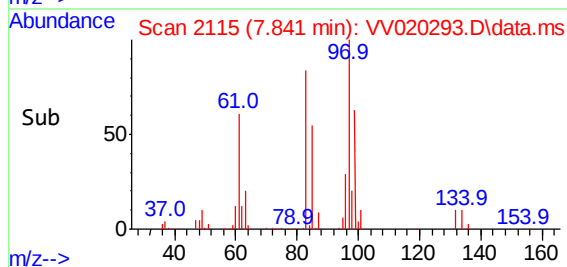
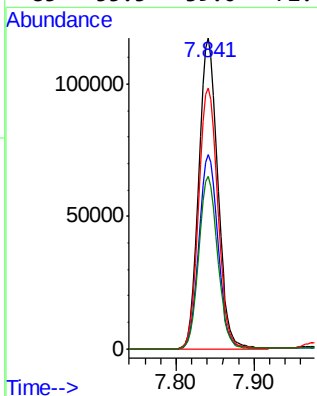
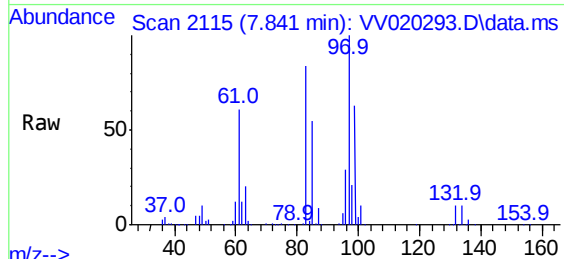


#45
1,1,2-Trichloroethane
Concen: 49.03 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

Tgt Ion: 97 Resp: 196862

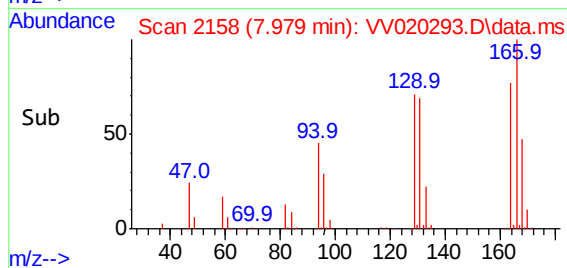
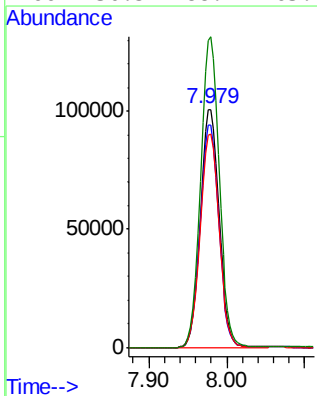
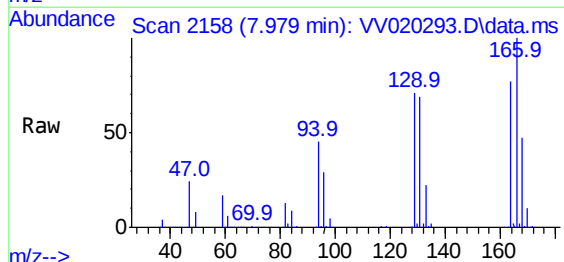
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.3
83	84.1	62.2	115.4
85	55.5	39.0	72.4

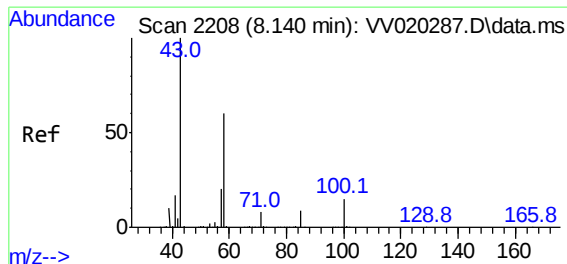


#46
Tetrachloroethene
Concen: 48.21 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 164 Resp: 166758

Ion	Ratio	Lower	Upper
164	100		
129	93.3	70.6	131.0
131	89.8	66.8	124.0
166	130.5	88.2	163.8



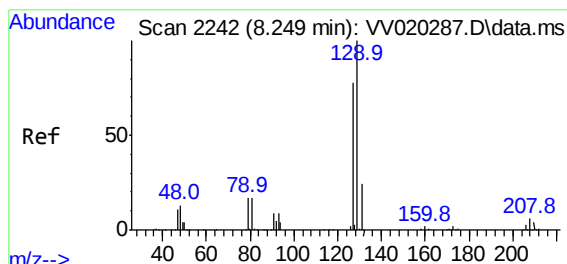
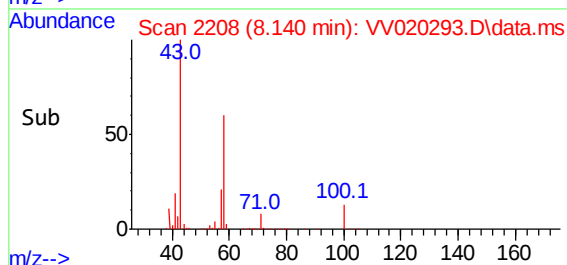
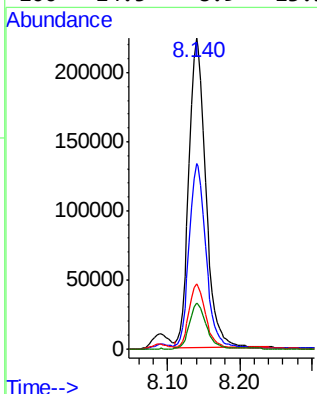
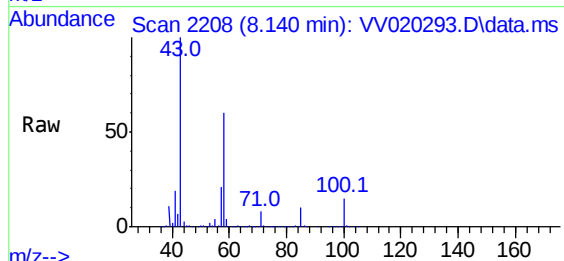


#48
2-Hexanone
Concen: 97.94 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

Tgt Ion: 43 Resp: 368611

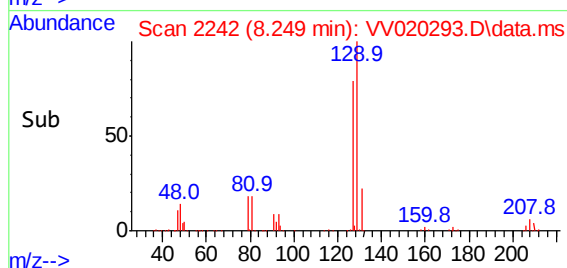
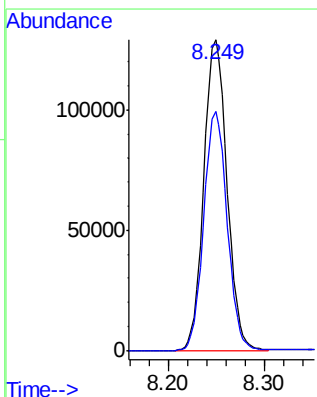
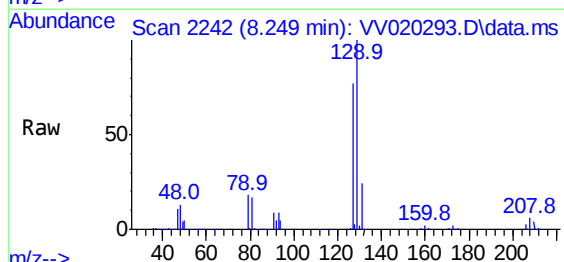
Ion	Ratio	Lower	Upper
43	100		
58	60.6	41.8	62.6
57	20.6	15.0	22.4
100	14.5	8.9	13.3

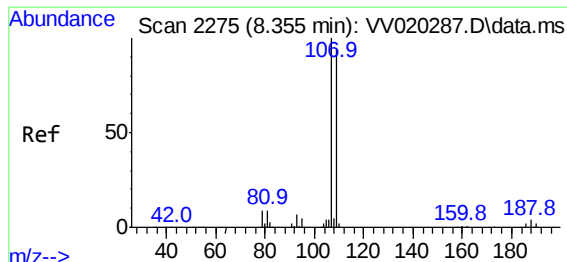


#49
Dibromochloromethane
Concen: 48.66 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 129 Resp: 215601

Ion	Ratio	Lower	Upper
129	100		
127	76.8	55.2	102.6

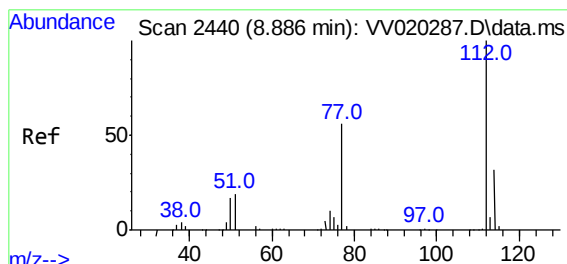
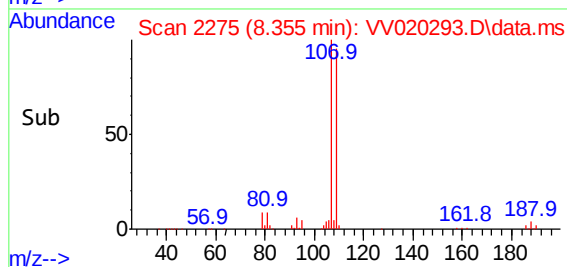
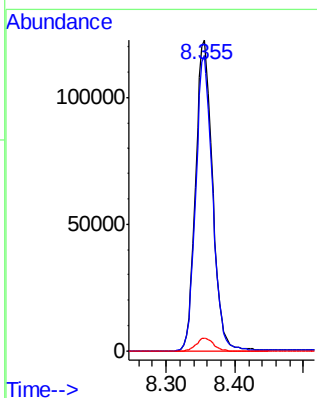
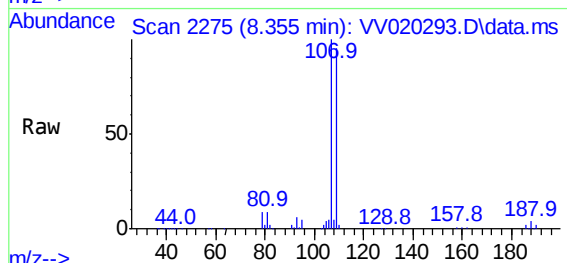




#50
1,2-Dibromoethane
Concen: 49.03 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

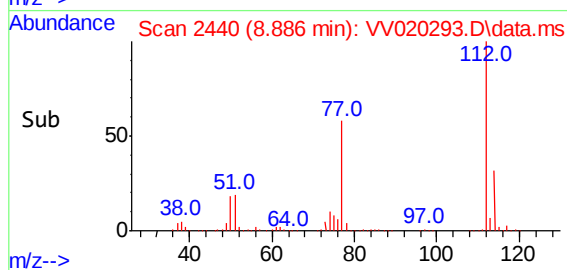
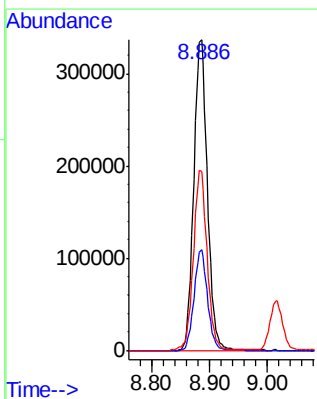
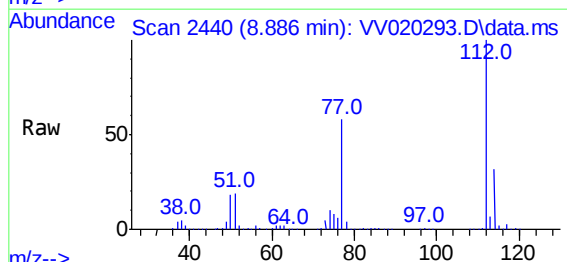
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

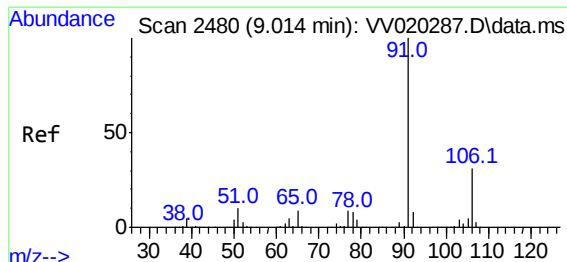
Tgt Ion:107 Resp: 210877
Ion Ratio Lower Upper
107 100
109 95.0 66.2 123.0
188 4.2 2.6 3.8#



#51
Chlorobenzene
Concen: 48.81 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:112 Resp: 554743
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 57.5 49.0 73.6

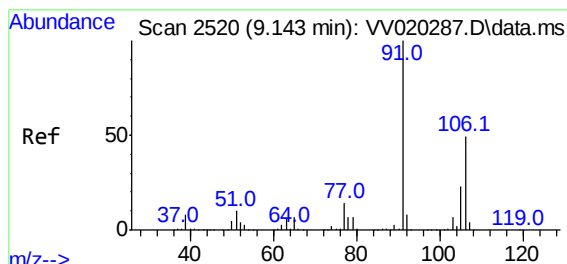
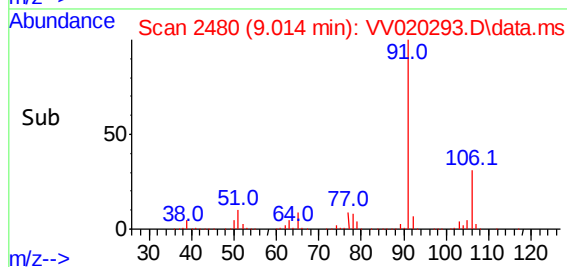
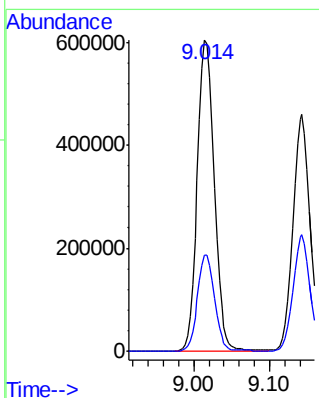
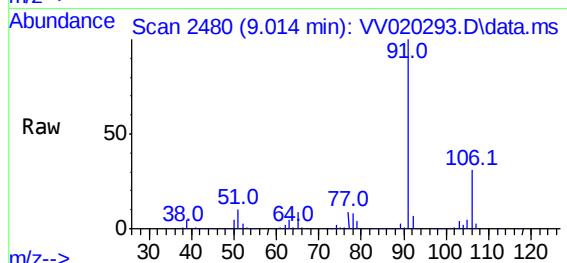




#52
Ethylbenzene
Concen: 49.93 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

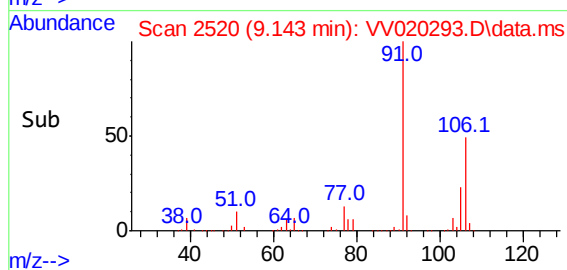
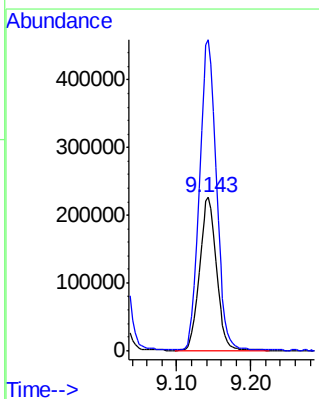
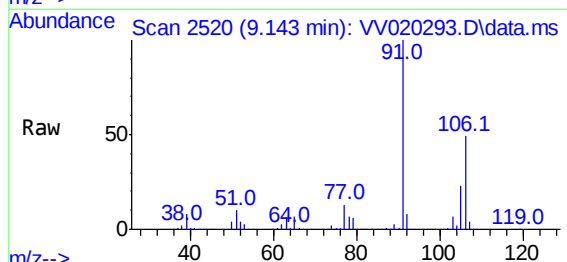
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

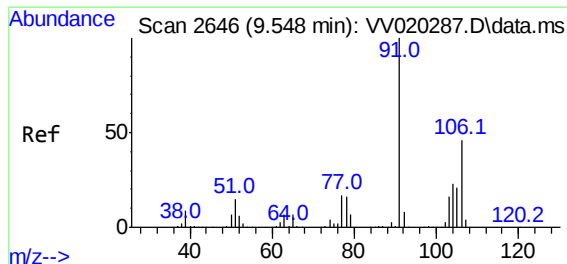
Tgt Ion: 91 Resp: 934296
Ion Ratio Lower Upper
91 100
106 30.7 21.0 39.0



#53
m,p-Xylene
Concen: 49.79 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 106 Resp: 354795
Ion Ratio Lower Upper
106 100
91 202.7 148.1 275.0

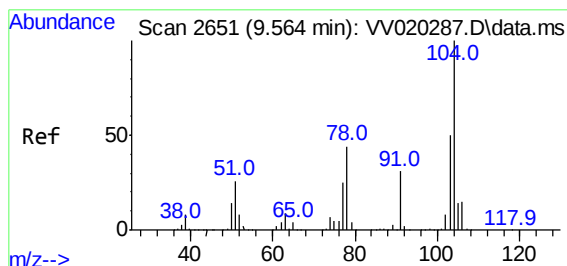
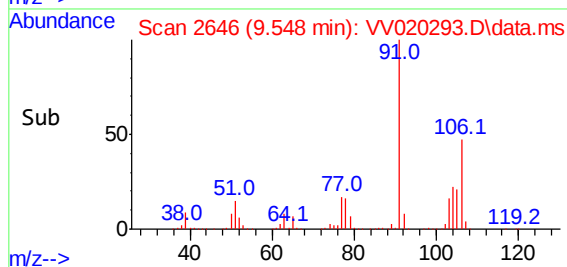
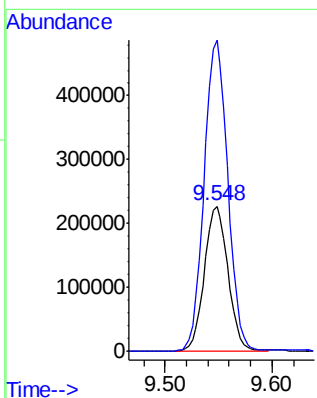
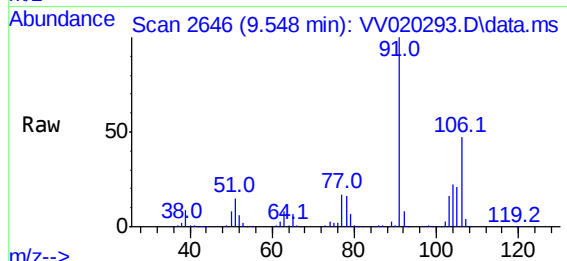




#54
o-xylene
Concen: 49.27 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

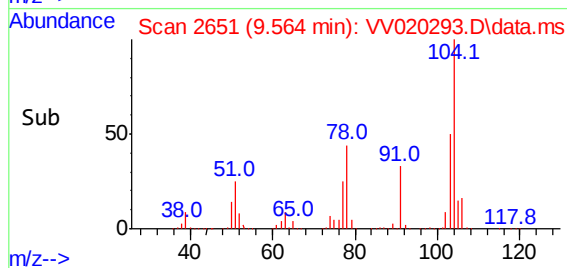
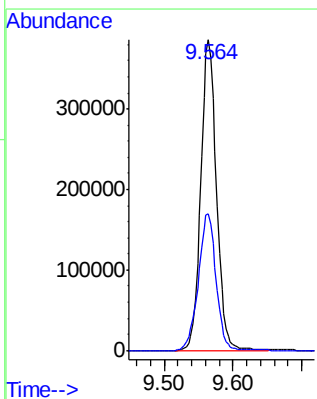
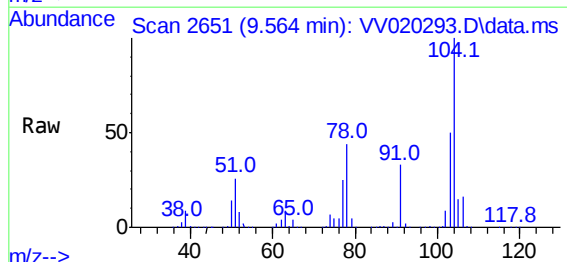
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

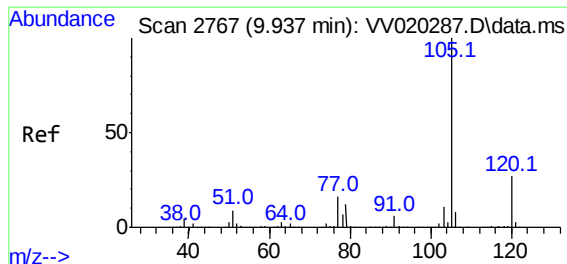
Tgt Ion:106 Resp: 341766
Ion Ratio Lower Upper
106 100
91 214.4 156.4 290.6



#55
Styrene
Concen: 51.04 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:104 Resp: 609216
Ion Ratio Lower Upper
104 100
78 44.0 33.7 62.5

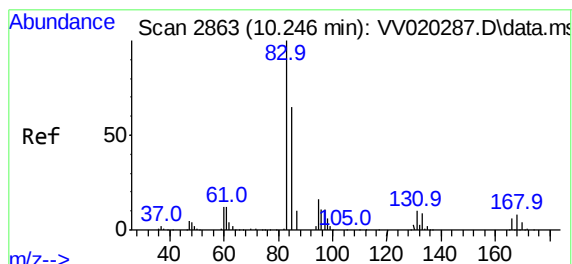
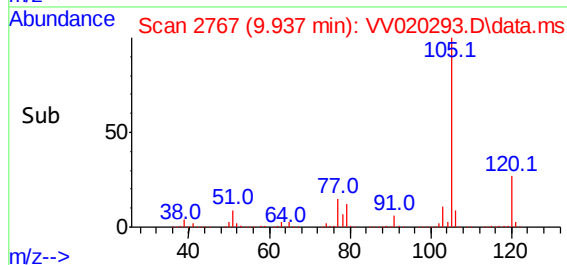
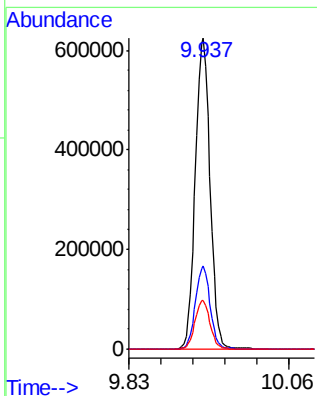
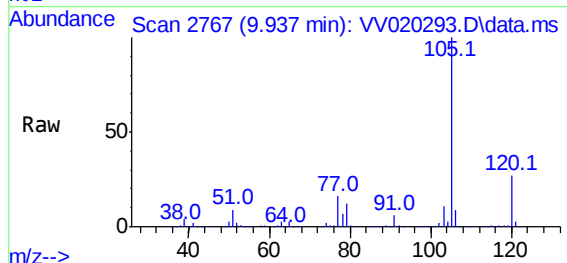




#56
Isopropylbenzene
Concen: 50.63 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

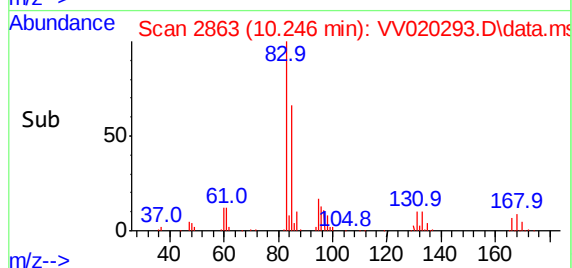
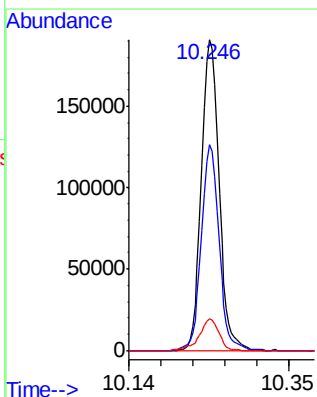
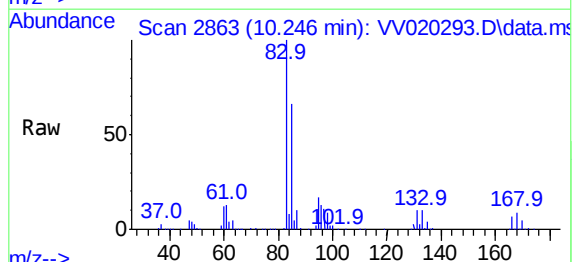
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

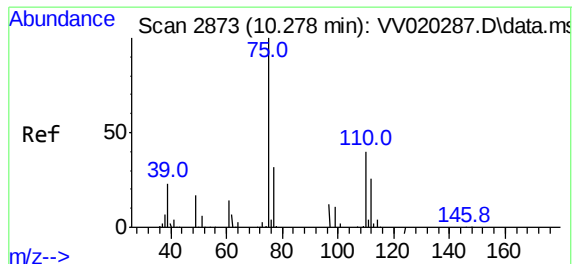
Tgt Ion:105 Resp: 942474
Ion Ratio Lower Upper
105 100
120 26.4 20.5 30.7
77 15.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 48.33 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 83 Resp: 305787
Ion Ratio Lower Upper
83 100
85 66.1 44.3 82.3
131 10.3 7.3 10.9

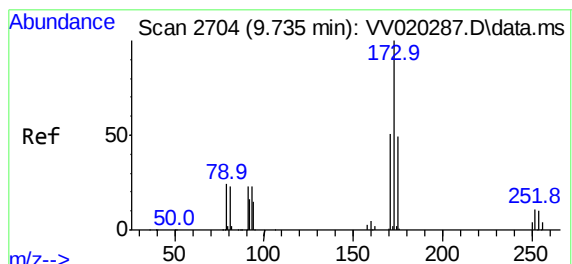
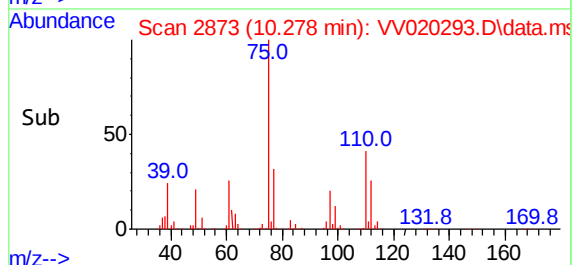
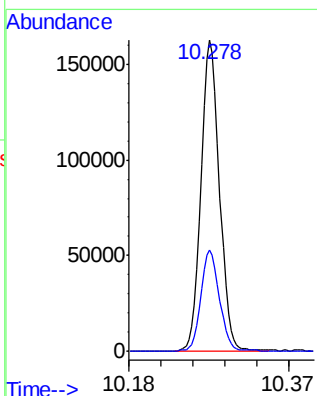
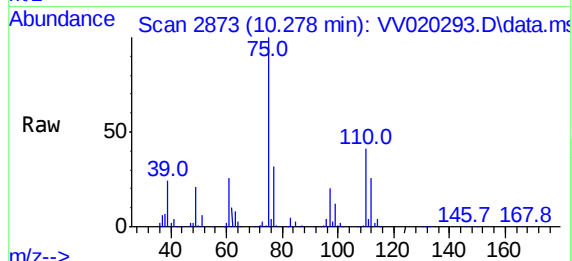




#59
1,2,3-Trichloropropane
Concen: 48.55 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

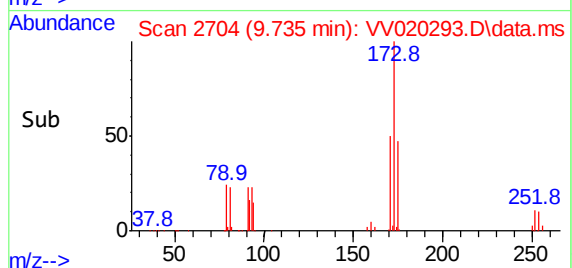
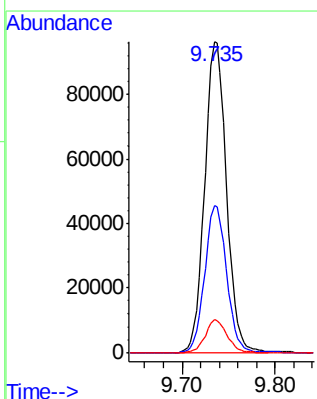
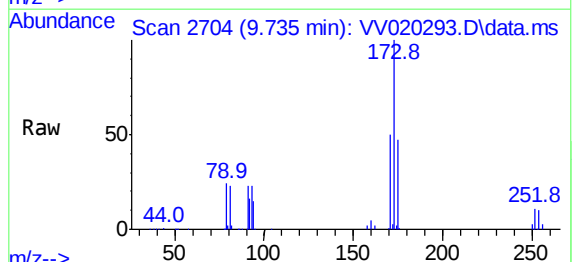
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

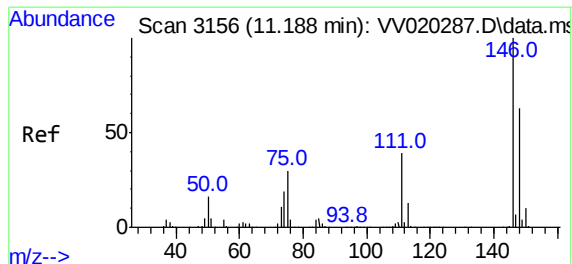
Tgt Ion: 75 Resp: 253968
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0



#61
Bromoform
Concen: 47.56 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:173 Resp: 156114
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 10.4 6.5 9.7#

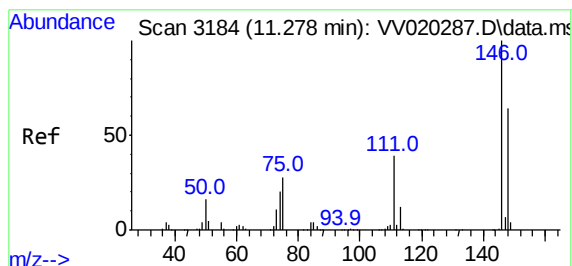
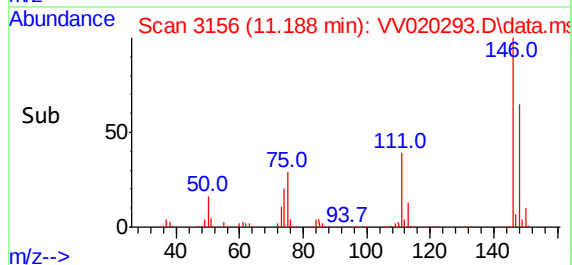
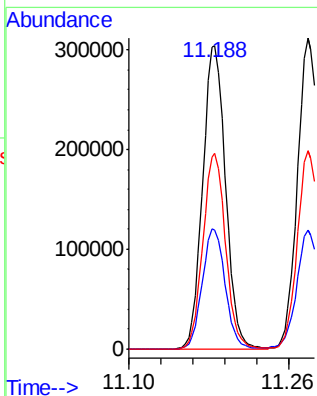
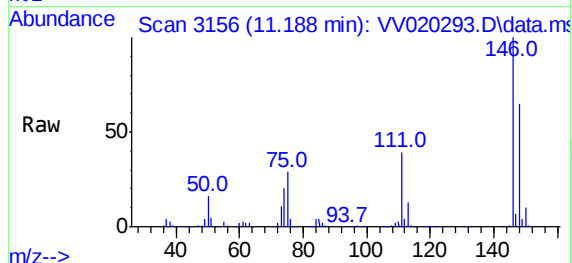




#62
1,3-Dichlorobenzene
Concen: 48.97 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

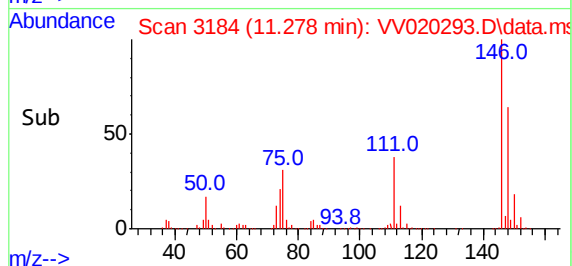
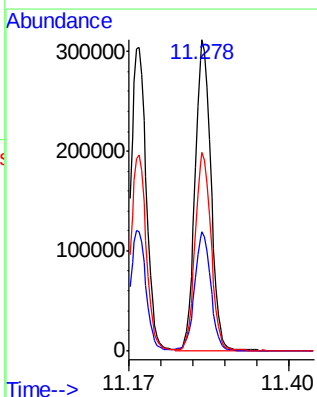
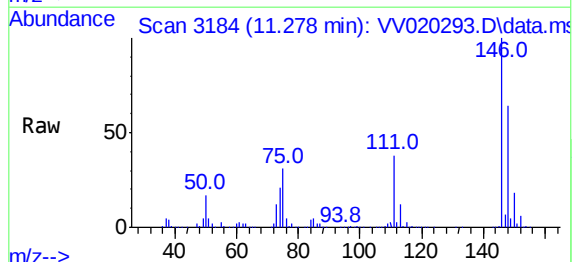
Instrument :
MSVOA_V
ClientSampled :
VSTD05091

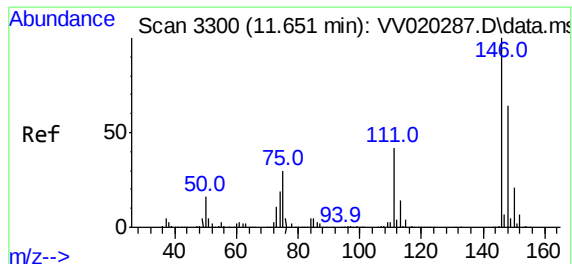
Tgt Ion:146 Resp: 467285
Ion Ratio Lower Upper
146 100
111 39.3 30.2 56.2
148 64.6 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 49.03 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:146 Resp: 479788
Ion Ratio Lower Upper
146 100
111 38.4 29.4 54.6
148 63.7 44.7 83.1

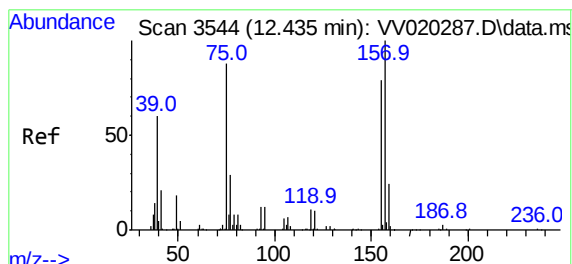
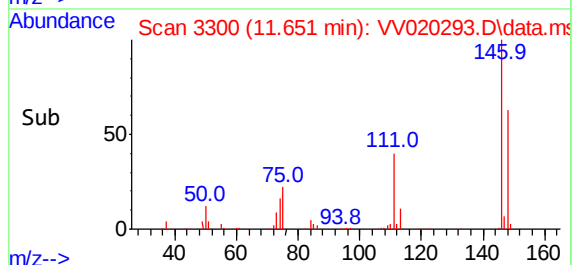
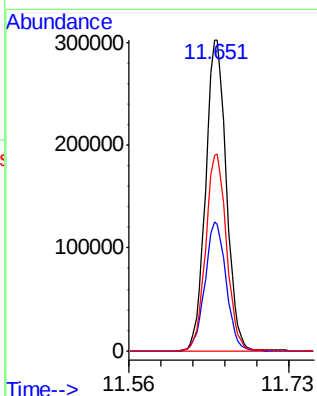
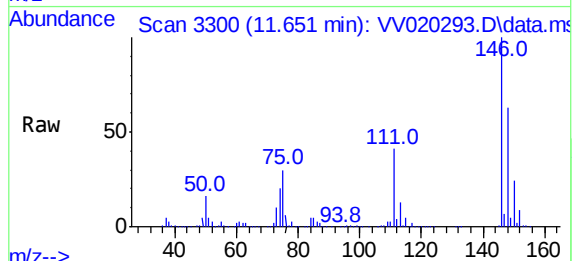




#65
1,2-Dichlorobenzene
Concen: 48.92 ug/L
RT: 11.651 min Scan# 3300
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

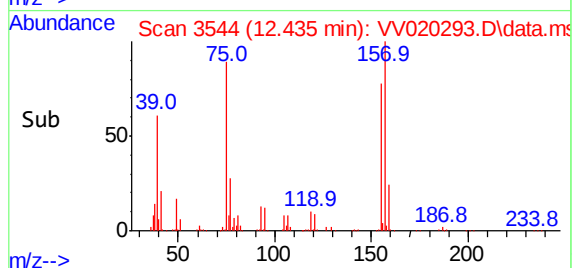
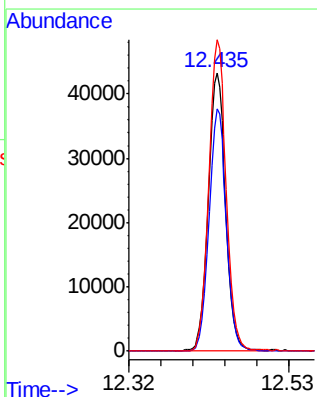
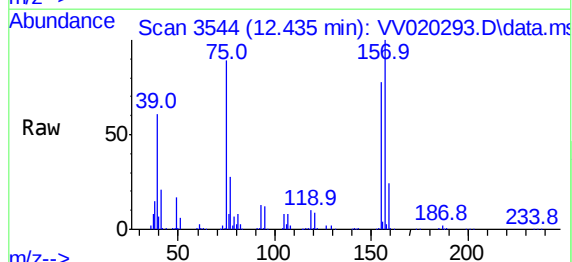
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

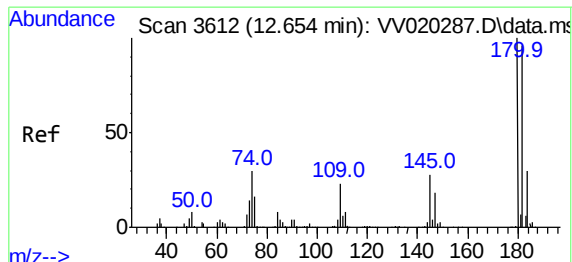
Tgt Ion:146 Resp: 466072
Ion Ratio Lower Upper
146 100
111 40.8 36.3 54.5
148 63.5 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 46.33 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion: 75 Resp: 67710
Ion Ratio Lower Upper
75 100
155 87.1 59.1 88.7
157 111.8 75.4 113.0

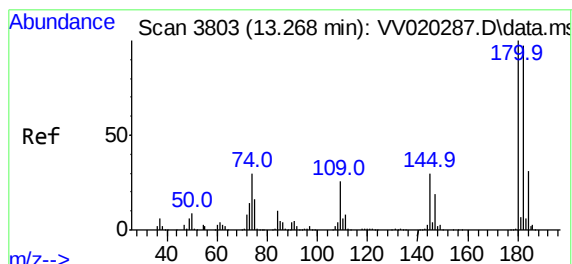
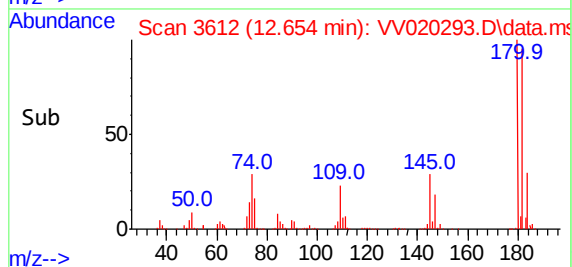
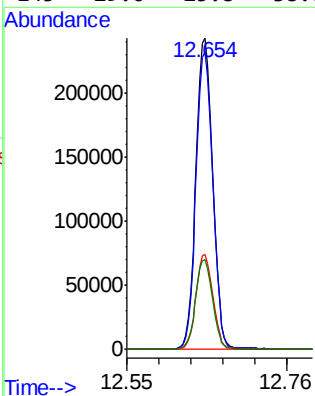
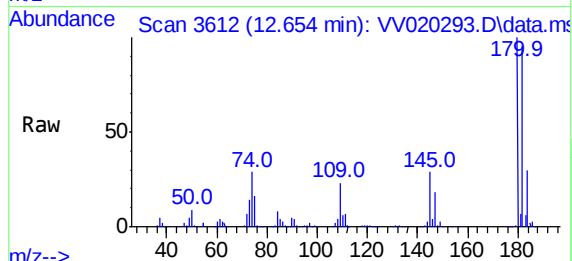




#67
1,3,5-Trichlorobenzene
Concen: 49.44 ug/L
RT: 12.654 min Scan# 3612
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

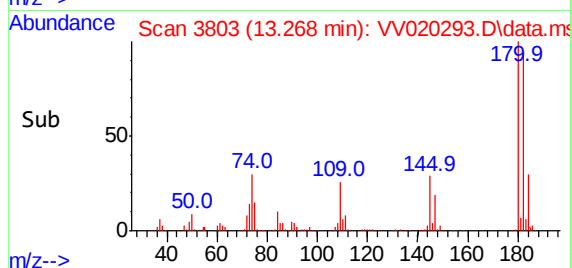
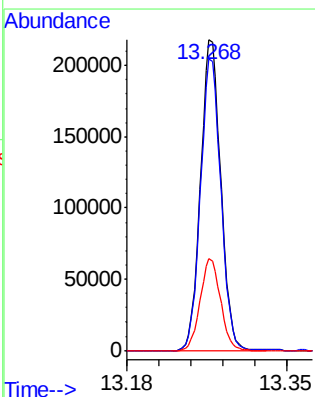
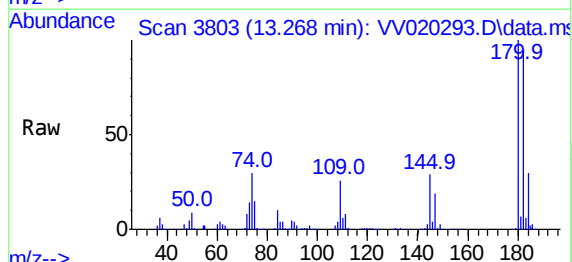
Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

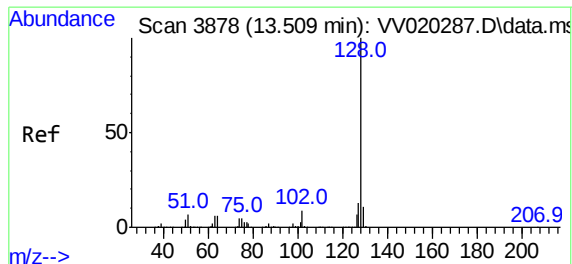
Tgt Ion:180 Resp: 368437
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.6
184 30.3 24.0 36.0
145 29.0 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 49.63 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:180 Resp: 328148
Ion Ratio Lower Upper
180 100
182 94.8 75.1 112.7
145 29.7 26.8 40.2

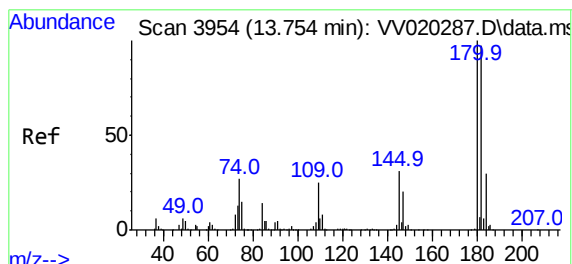
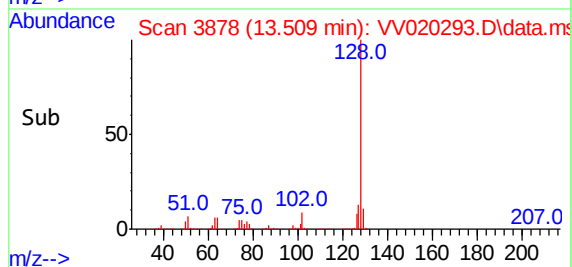
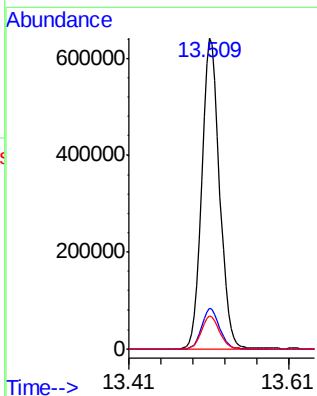
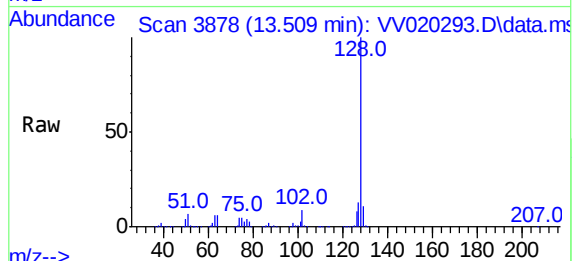




#69
Naphthalene
Concen: 50.82 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. -0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD05091

Tgt Ion:128 Resp: 962270
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 50.62 ug/L
RT: 13.754 min Scan# 3954
Delta R.T. 0.002 min
Lab File: VV020293.D
Acq: 11 Feb 2021 09:16

Tgt Ion:180 Resp: 333238
Ion Ratio Lower Upper
180 100
182 94.7 76.1 114.1
145 31.0 27.9 41.9

