

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040221\
 Data File : VW020891.D
 Acq On : 02 Apr 2021 20:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05071

Quant Time: Apr 03 00:41:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 03 00:36:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	646006	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	630871	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	361888	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	169861	37.04	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	74.08%		
7) Chloroethane-d5	1.571	69	140078	40.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.80%		
11) 1,1-Dichloroethene-d2	2.111	63	379376	43.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.68%		
21) 2-Butanone-d5	3.902	46	289527	97.03	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.03%		
24) Chloroform-d	4.352	84	479088	52.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.10%		
26) 1,2-Dichloroethane-d4	5.037	65	314259	52.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.66%		
32) Benzene-d6	5.053	84	844187	50.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.40%		
36) 1,2-Dichloropropane-d6	6.072	67	244389	47.34	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.68%		
41) Toluene-d8	7.320	98	848814	54.23	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.46%		
43) trans-1,3-Dichloroprop...	7.625	79	143562	52.26	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	104.52%		
47) 2-Hexanone-d5	8.092	63	221225	102.21	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.21%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	379019	50.40	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	100.80%		
64) 1,2-Dichlorobenzene-d4	11.628	152	382744	54.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.98%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	289411	47.82	ug/L	99
3) Chloromethane	1.243	50	189867	39.30	ug/L	98
5) Vinyl chloride	1.314	62	220276	44.63	ug/L	100
6) Bromomethane	1.523	94	159940	51.40	ug/L	99
8) Chloroethane	1.587	64	134695	47.24	ug/L	99
9) Trichlorofluoromethane	1.754	101	465803	55.21	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	218152	53.80	ug/L	93
12) 1,1-Dichloroethene	2.118	96	198566	52.67	ug/L	91
13) Acetone	2.195	43	194858	91.58	ug/L	97
14) Carbon disulfide	2.294	76	563479	45.20	ug/L	100
15) Methyl Acetate	2.439	43	211320	47.57	ug/L	92
16) Methylene chloride	2.510	84	234317	50.97	ug/L	91
17) trans-1,2-Dichloroethene	2.761	96	223482	51.70	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	737404	55.02	ug/L	98
19) 1,1-Dichloroethane	3.195	63	408073	50.81	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	246371	53.26	ug/L	95
22) 2-Butanone	3.979	43	295805	94.98	ug/L	94
23) Bromochloromethane	4.253	128	141892	56.99	ug/L #	83
25) Chloroform	4.378	83	469897	55.01	ug/L	98
27) 1,2-Dichloroethane	5.134	62	377559	55.33	ug/L	99

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 Response via : Initial Calibration

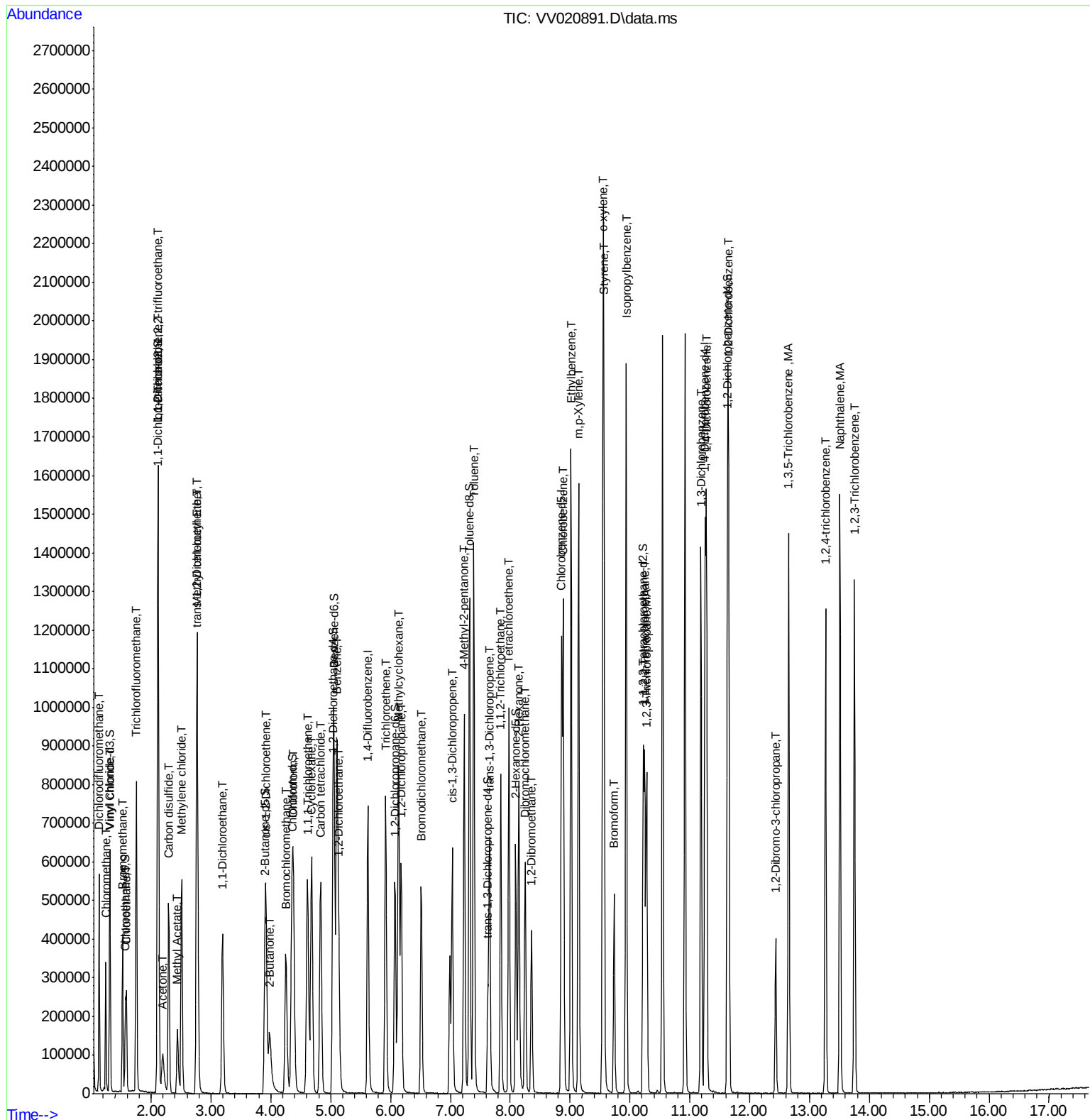
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.683	56	325346	45.60	ug/L	91
30) 1,1,1-Trichloroethane	4.613	97	459082	58.84	ug/L	98
31) Carbon tetrachloride	4.831	117	416913	59.83	ug/L	99
33) Benzene	5.105	78	906851	52.12	ug/L	100
34) Trichloroethene	5.918	95	257092	53.90	ug/L	94
35) Methylcyclohexane	6.137	83	366839	50.12	ug/L	94
37) 1,2-Dichloropropane	6.179	63	217730	47.72	ug/L	98
38) Bromodichloromethane	6.513	83	351896	54.91	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	377127	53.53	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	587423	96.00	ug/L #	94
42) Toluene	7.391	91	1027669	54.34	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	379539	53.50	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	244285	54.42	ug/L	97
46) Tetrachloroethene	7.979	164	225625	56.67	ug/L	98
48) 2-Hexanone	8.143	43	477388	102.19	ug/L #	97
49) Dibromochloromethane	8.249	129	306112	58.54	ug/L	100
50) 1,2-Dibromoethane	8.355	107	268486	55.85	ug/L	98
51) Chlorobenzene	8.886	112	678967	53.48	ug/L	99
52) Ethylbenzene	9.018	91	1153981	53.47	ug/L	99
53) m,p-Xylene	9.143	106	446314	55.59	ug/L	98
54) o-xylene	9.548	106	439000	56.74	ug/L	96
55) Styrene	9.564	104	763966	56.19	ug/L	97
56) Isopropylbenzene	9.937	105	1194891	56.08	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	374385	51.13	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	319863	53.68	ug/L	98
61) Bromoform	9.735	173	234692	57.12	ug/L	99
62) 1,3-Dichlorobenzene	11.188	146	585785	53.04	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	583270	50.78	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	598310	54.97	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	94337	51.27	ug/L	84
67) 1,3,5-Trichlorobenzene	12.651	180	450815	52.66	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	384267	52.94	ug/L	99
69) Naphthalene	13.509	128	1170561	56.34	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	403527	55.52	ug/L	99

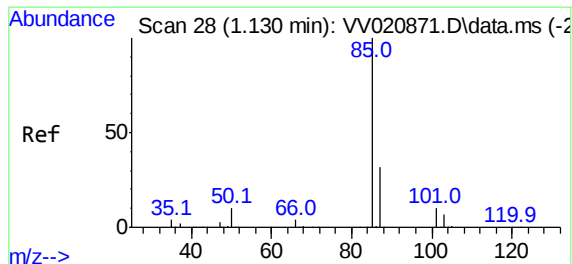
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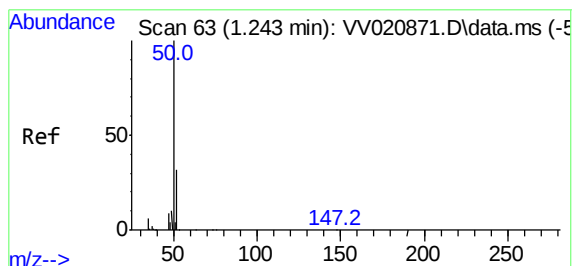
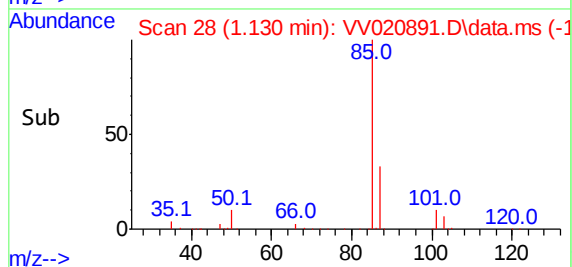
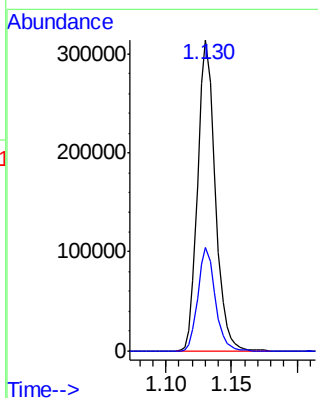
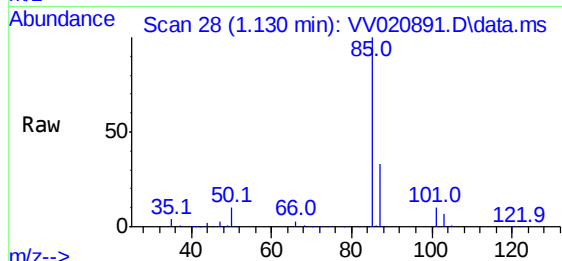




#2
Dichlorodifluoromethane
Concen: 47.82 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

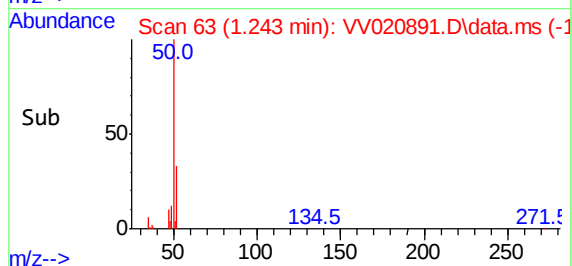
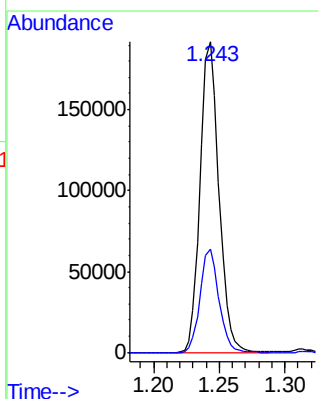
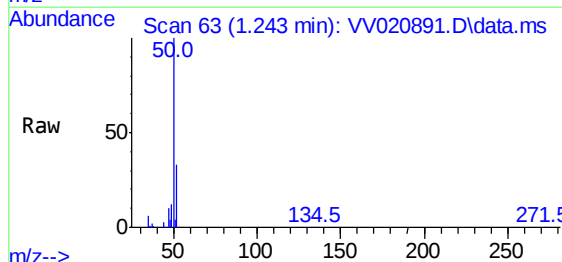
Instrument :
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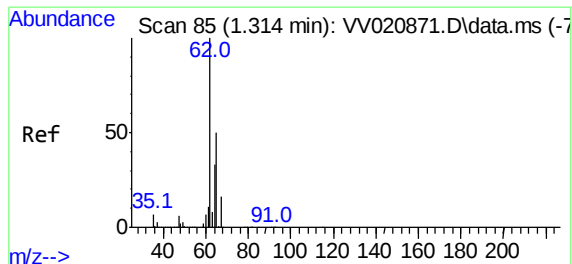
Tgt Ion: 85 Resp: 289411
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5



#3
Chloromethane
Concen: 39.30 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 50 Resp: 189867
Ion Ratio Lower Upper
50 100
52 33.4 22.7 42.1

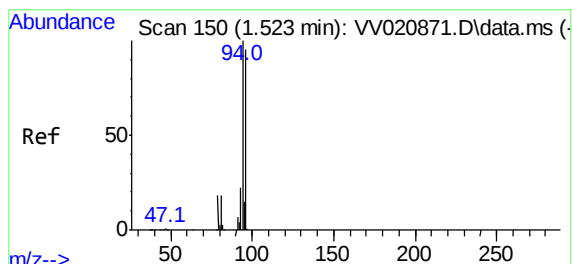
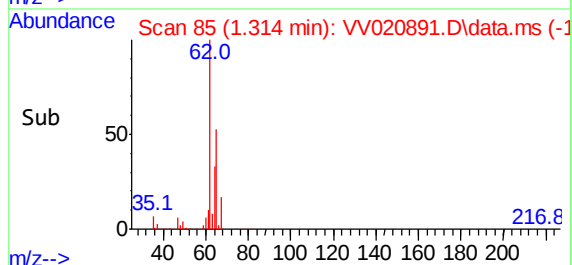
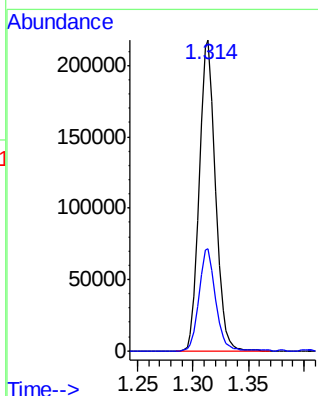
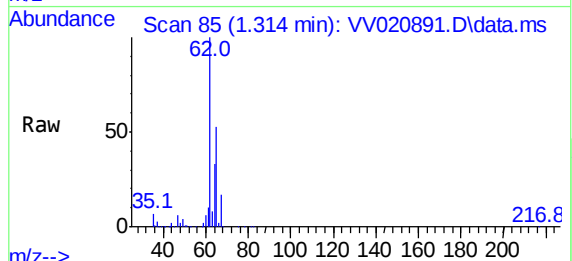




#5
 Vinyl chloride
 Concen: 44.63 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020891.D
 Acq: 02 Apr 2021 20:38

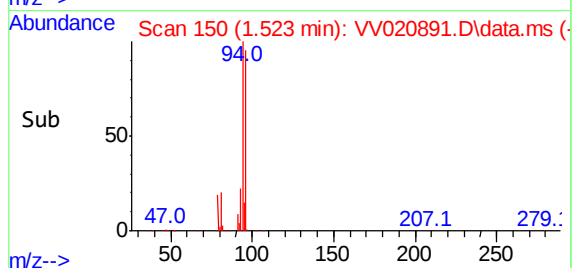
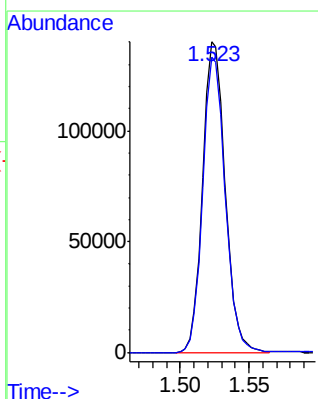
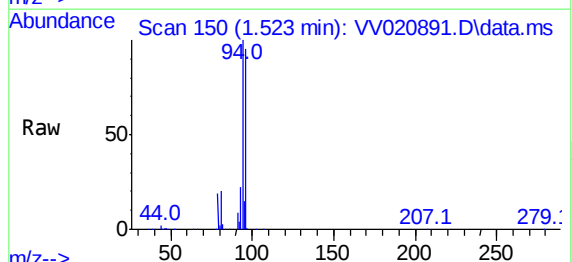
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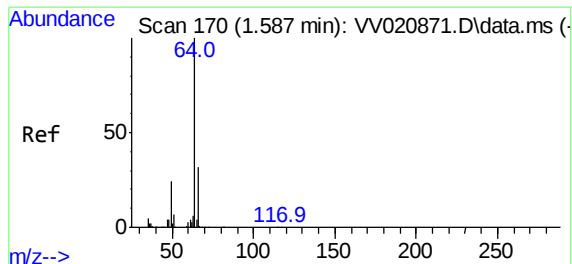
Tgt Ion: 62 Resp: 220276
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.3 43.3



#6
 Bromomethane
 Concen: 51.40 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020891.D
 Acq: 02 Apr 2021 20:38

Tgt Ion: 94 Resp: 159940
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.6 121.8

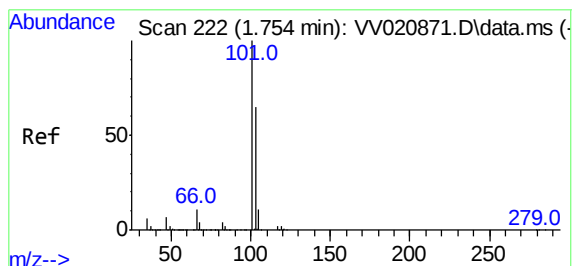
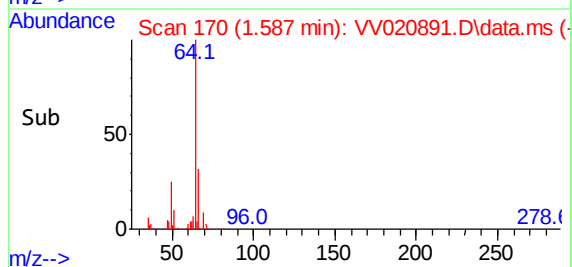
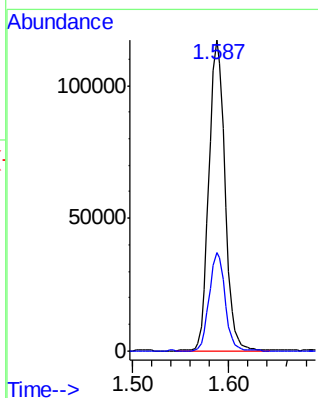
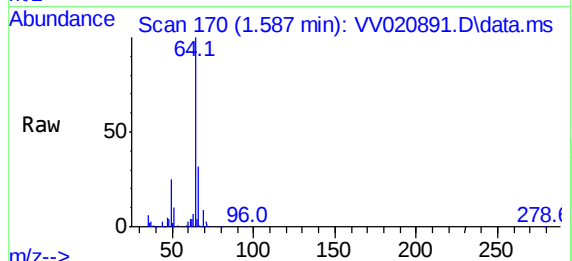




#8
Chloroethane
Concen: 47.24 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

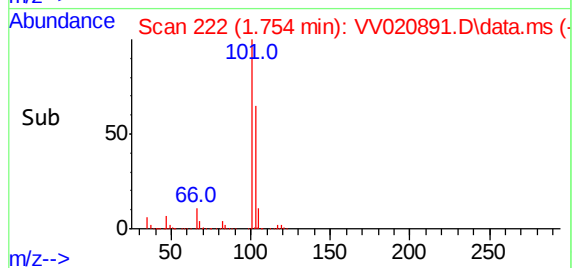
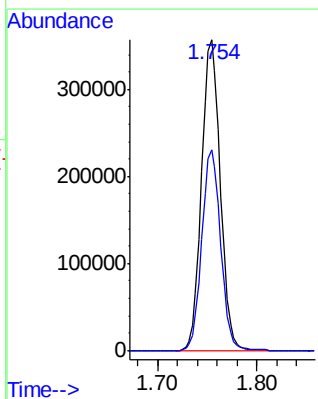
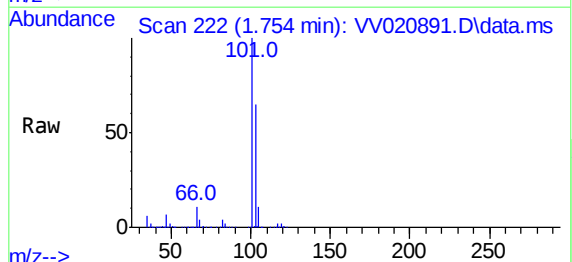
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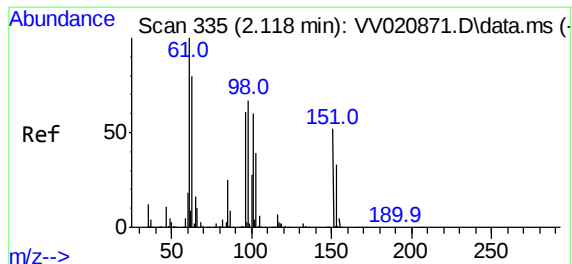
Tgt Ion: 64 Resp: 134695
Ion Ratio Lower Upper
64 100
66 31.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 55.21 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:101 Resp: 465803
Ion Ratio Lower Upper
101 100
103 64.8 51.2 76.8



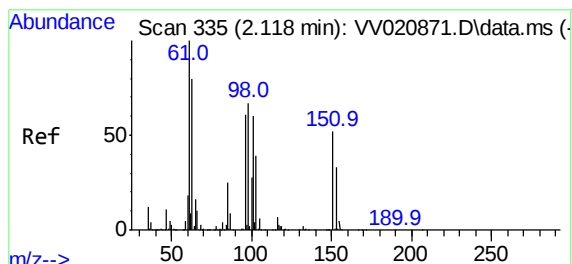
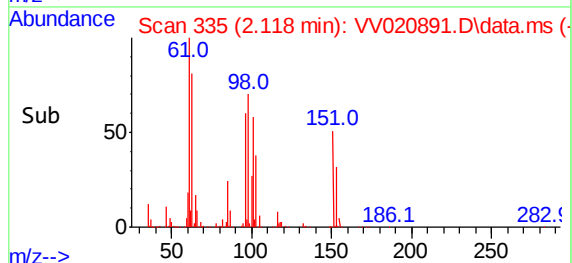
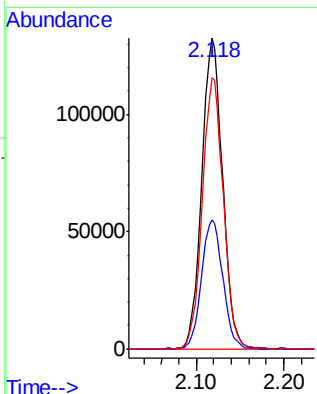
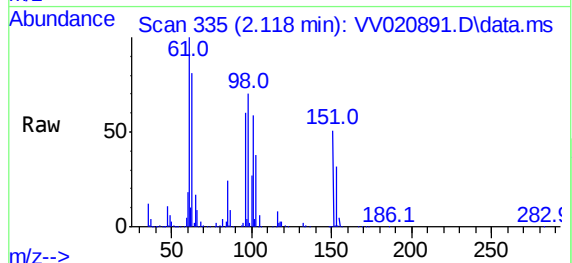


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 53.80 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020891.D
 Acq: 02 Apr 2021 20:38

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 218152

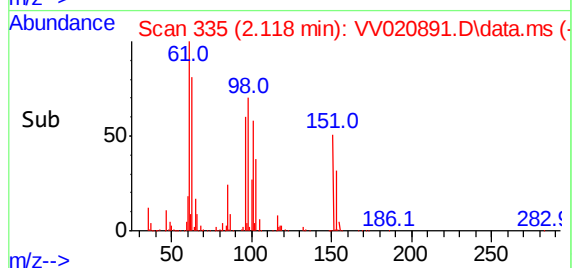
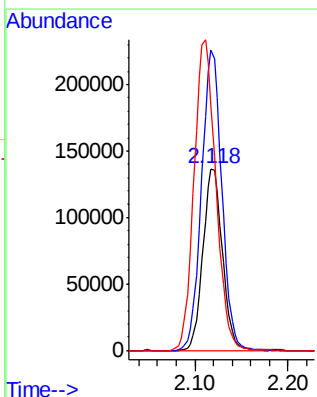
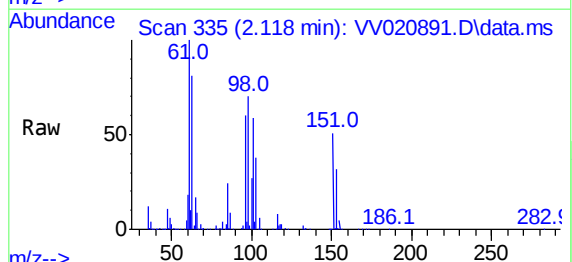
Ion	Ratio	Lower	Upper
101	100		
85	42.5	35.4	53.0
151	88.1	63.5	95.3

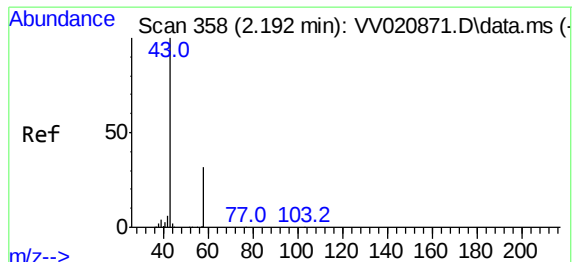


#12
 1,1-Dichloroethene
 Concen: 52.67 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020891.D
 Acq: 02 Apr 2021 20:38

Tgt Ion: 96 Resp: 198566

Ion	Ratio	Lower	Upper
96	100		
61	165.4	126.3	234.6
63	134.7	100.2	186.2

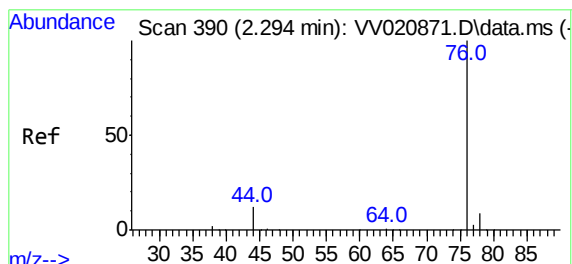
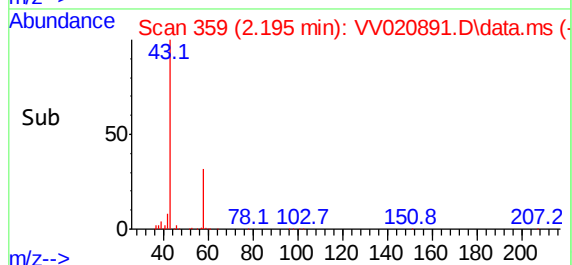
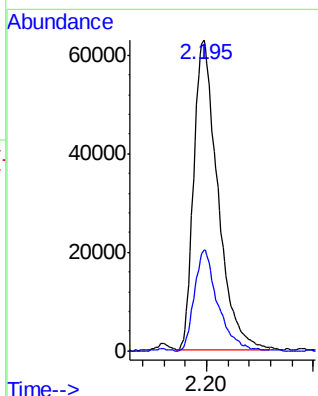
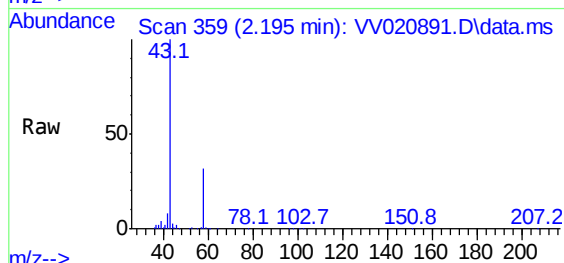




#13
Acetone
Concen: 91.58 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

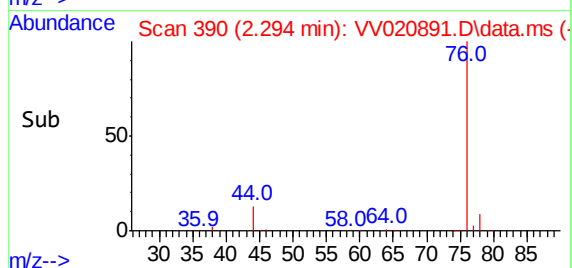
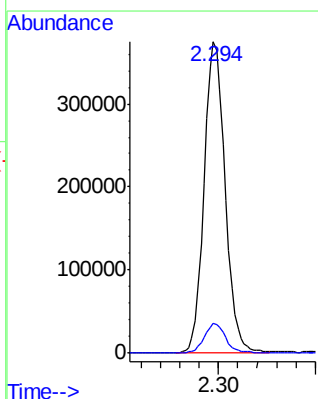
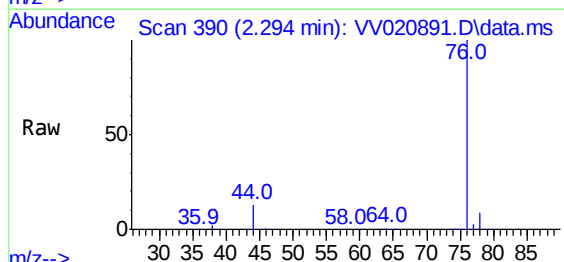
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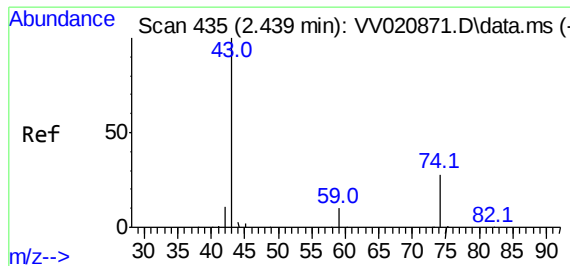
Tgt Ion: 43 Resp: 194858
Ion Ratio Lower Upper
43 100
58 31.8 0.0 60.8



#14
Carbon disulfide
Concen: 45.20 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 563479
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

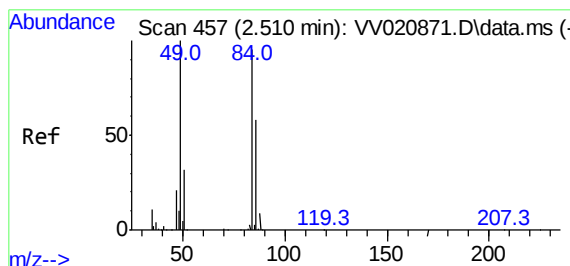
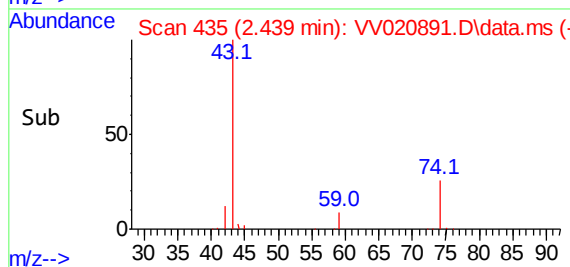
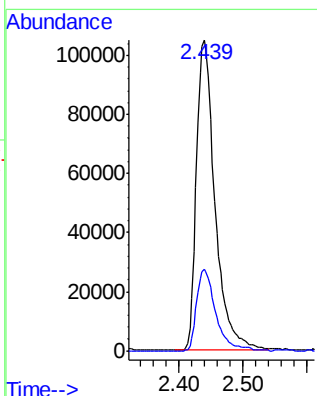
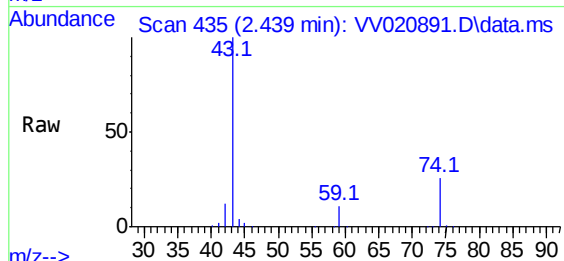




#15
Methyl Acetate
Concen: 47.57 ug/L
RT: 2.439 min Scan# 435
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

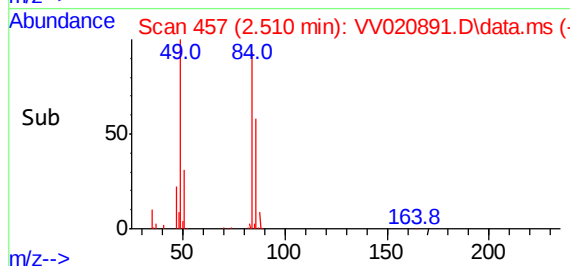
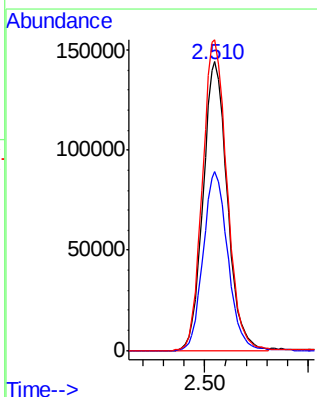
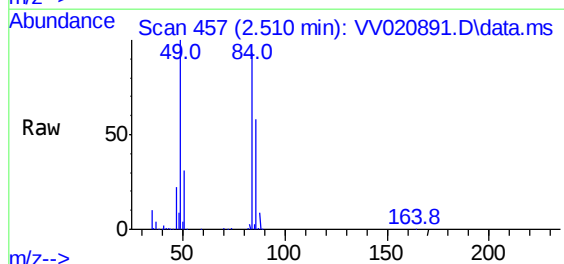
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

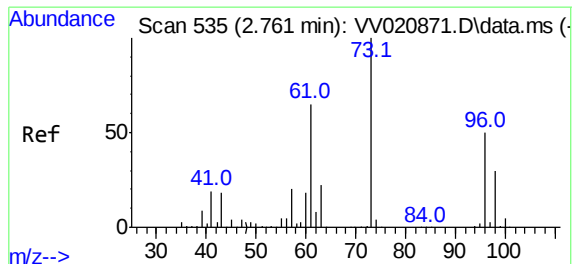
Tgt Ion: 43 Resp: 211320
Ion Ratio Lower Upper
43 100
74 26.7 18.4 27.6



#16
Methylene chloride
Concen: 50.97 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 84 Resp: 234317
Ion Ratio Lower Upper
84 100
86 62.2 43.9 81.5
49 107.6 86.3 160.3

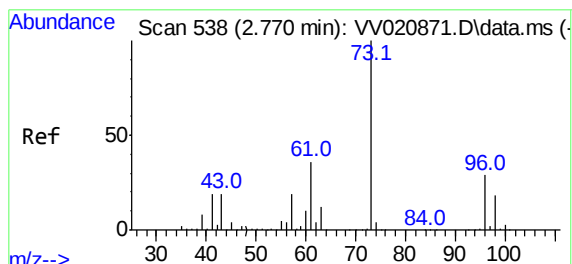
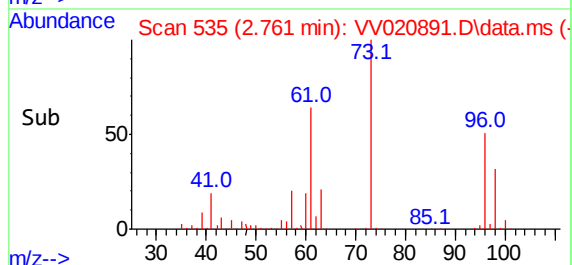
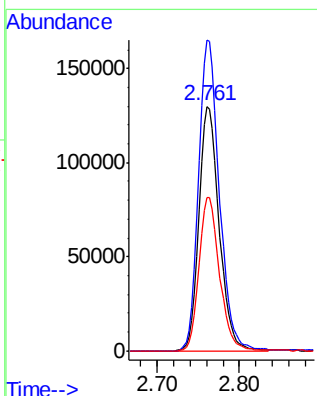
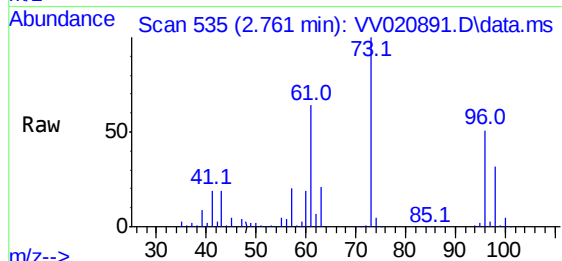




#17
trans-1,2-Dichloroethene
Concen: 51.70 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

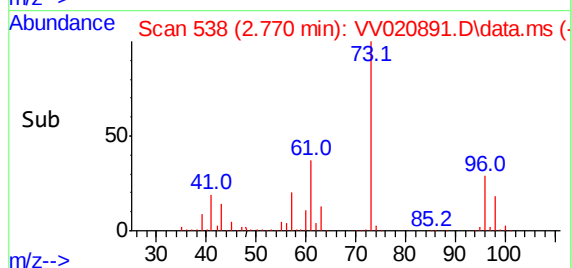
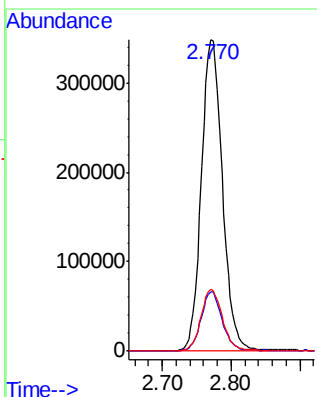
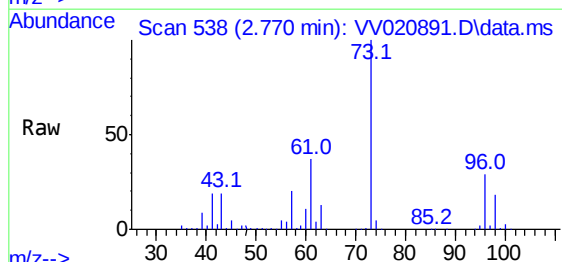
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

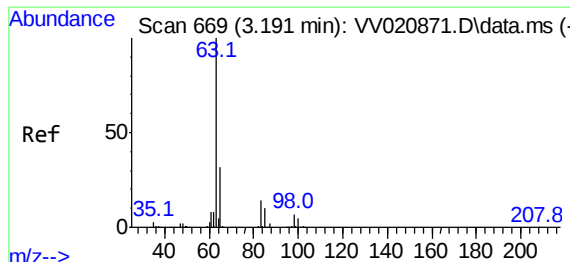
Tgt Ion: 96 Resp: 223482
Ion Ratio Lower Upper
96 100
61 127.0 97.9 181.9
98 62.6 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 55.02 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 73 Resp: 737404
Ion Ratio Lower Upper
73 100
43 18.8 15.4 23.0
57 19.9 17.0 25.6

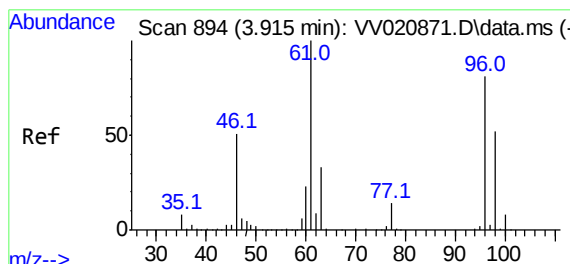
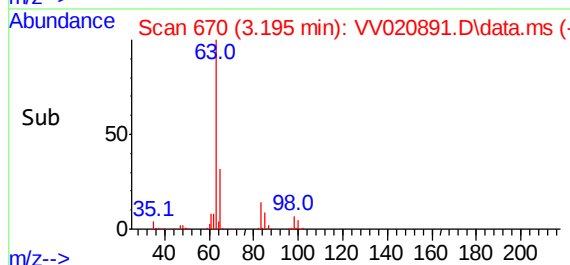
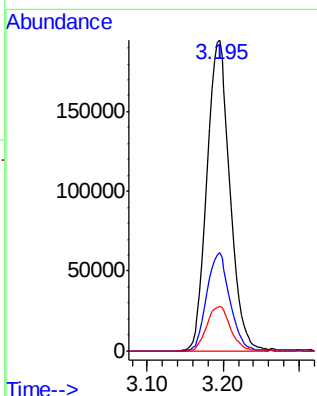
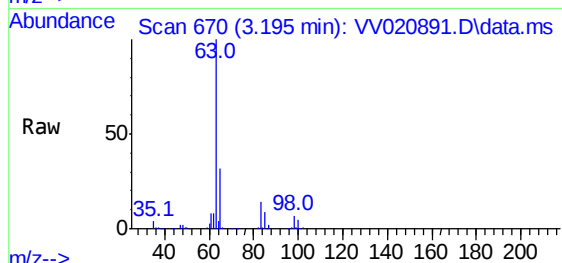




#19
1,1-Dichloroethane
Concen: 50.81 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

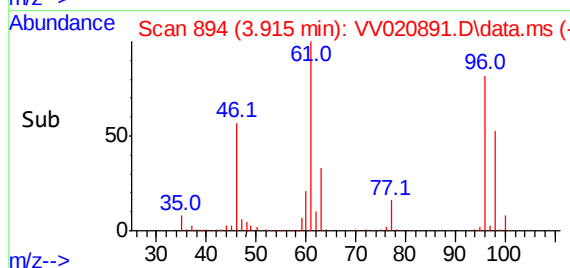
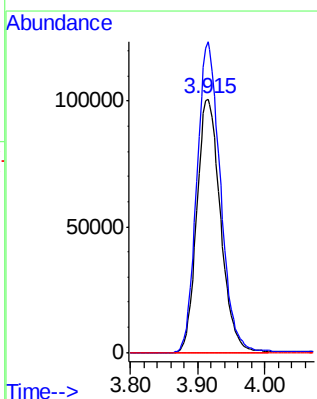
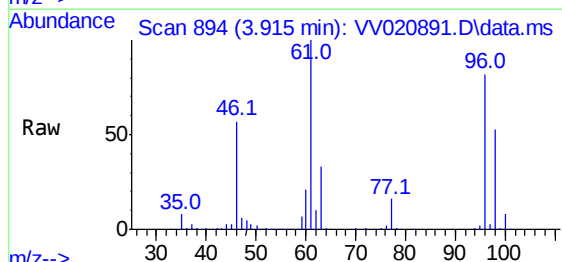
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

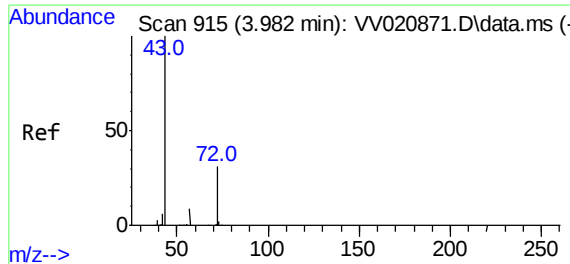
Tgt Ion: 63 Resp: 408073
Ion Ratio Lower Upper
63 100
65 31.7 22.5 41.9
83 14.3 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 53.26 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 96 Resp: 246371
Ion Ratio Lower Upper
96 100
61 122.6 89.9 167.0
68 0.0 0.0 0.0

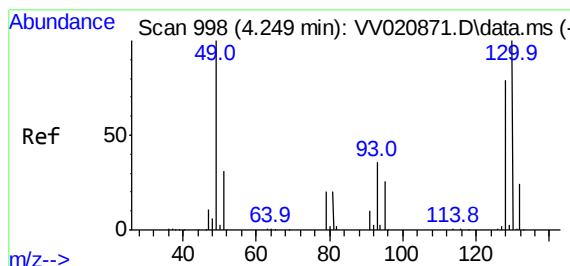
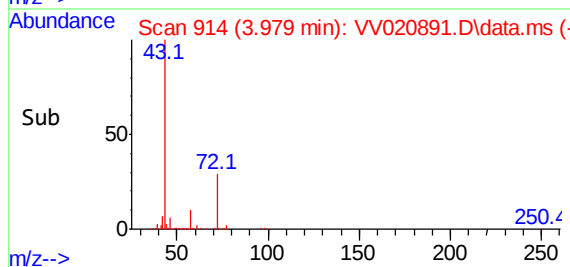
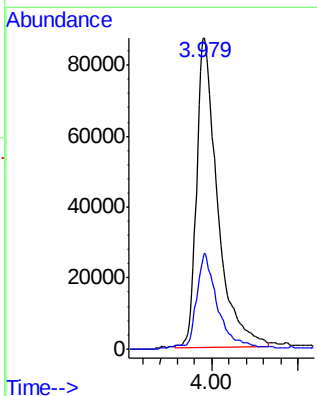
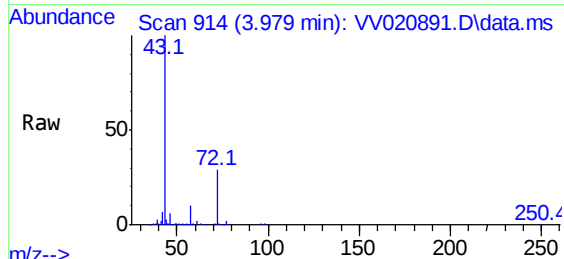




#22
2-Butanone
Concen: 94.98 ug/L
RT: 3.979 min Scan# 914
Delta R.T. -0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

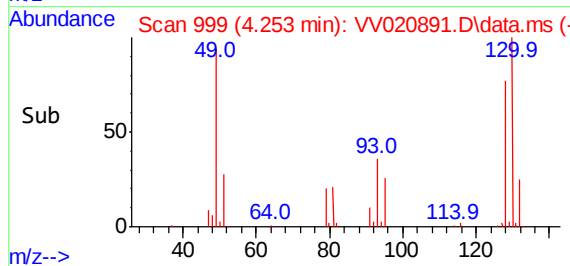
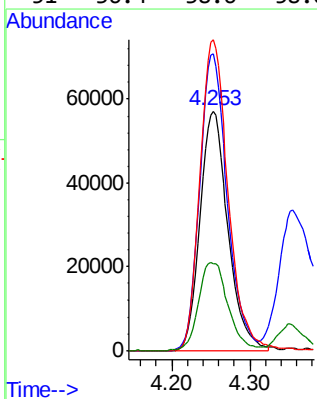
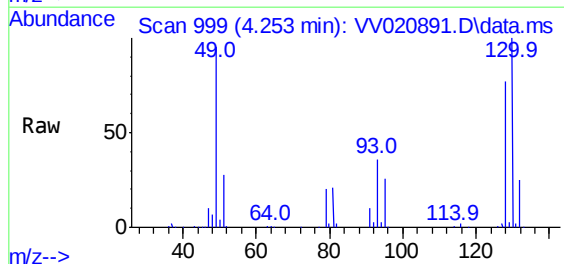
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

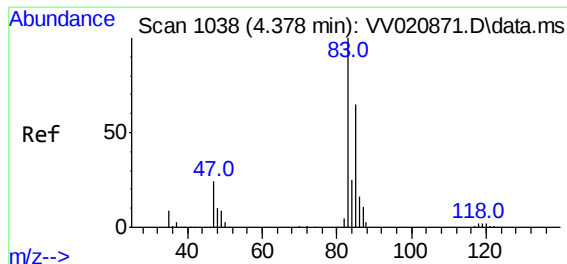
Tgt Ion: 43 Resp: 295805
Ion Ratio Lower Upper
43 100
72 26.6 11.9 35.9



#23
Bromochloromethane
Concen: 56.99 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 128 Resp: 141892
Ion Ratio Lower Upper
128 100
49 123.8 113.3 210.3
130 129.8 88.7 164.7
51 36.4 38.6 58.0#

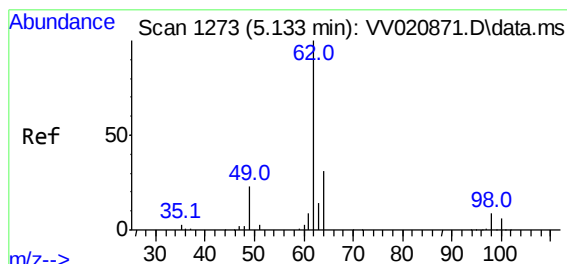
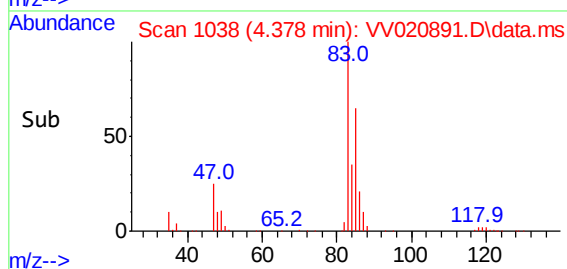
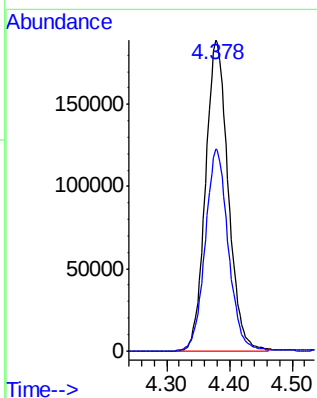
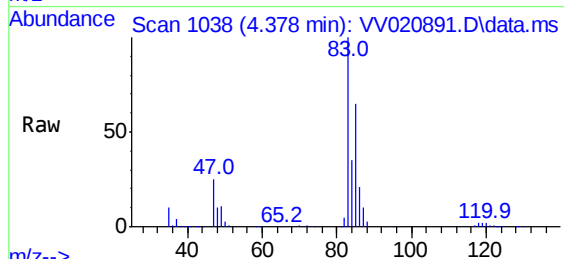




#25
Chloroform
Concen: 55.01 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

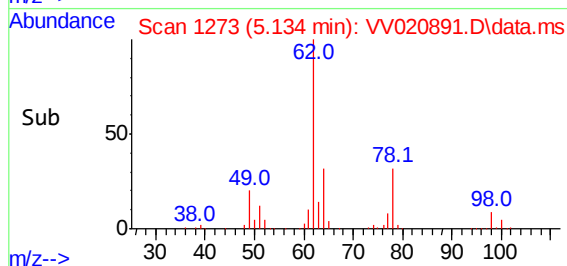
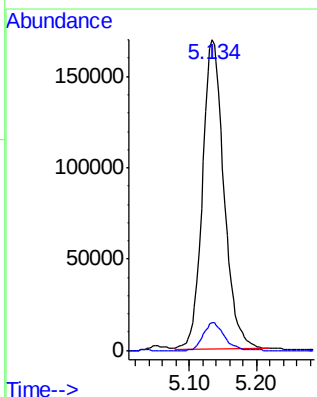
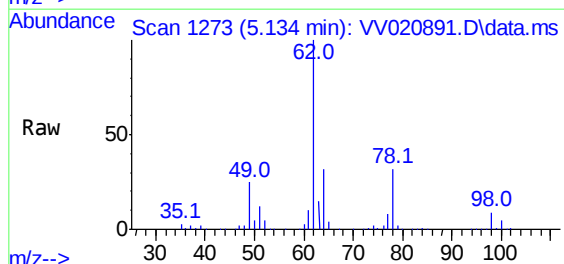
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

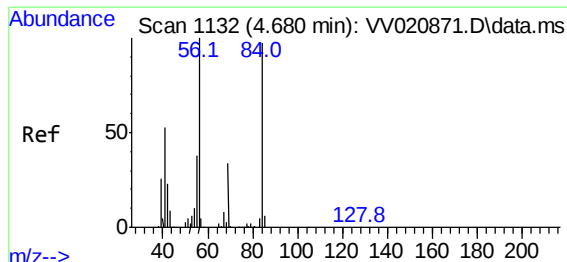
Tgt Ion: 83 Resp: 469897
Ion Ratio Lower Upper
83 100
85 65.1 46.7 86.7



#27
1,2-Dichloroethane
Concen: 55.33 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 62 Resp: 377559
Ion Ratio Lower Upper
62 100
98 9.0 6.8 10.2





#29

Cyclohexane

Concen: 45.60 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV020891.D

Acq: 02 Apr 2021 20:38

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071

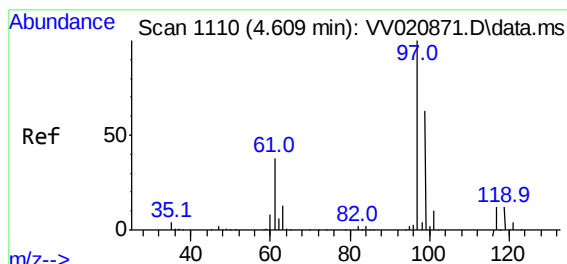
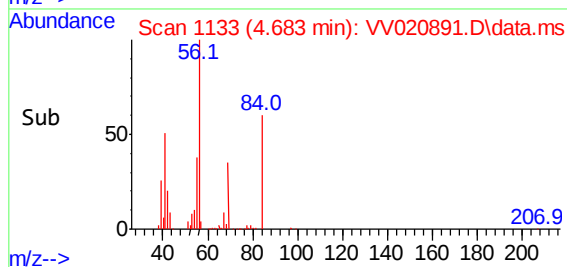
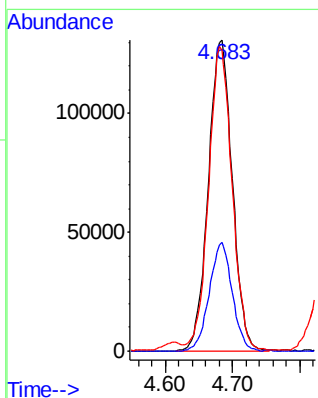
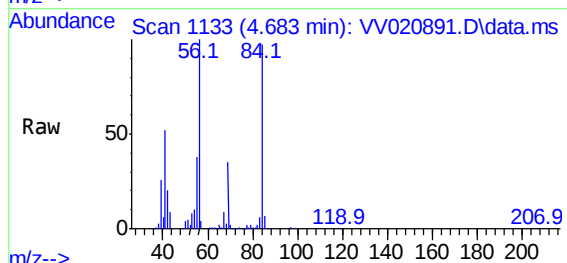
Tgt Ion: 56 Resp: 325346

Ion Ratio Lower Upper

56 100

69 33.3 24.4 36.6

84 96.3 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 58.84 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV020891.D

Acq: 02 Apr 2021 20:38

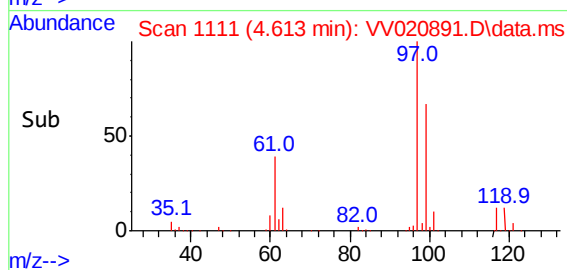
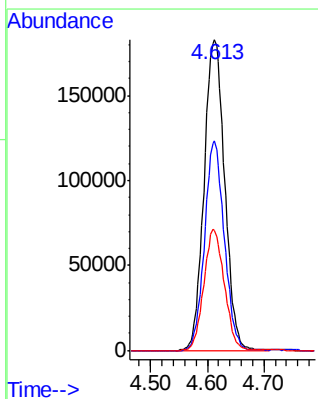
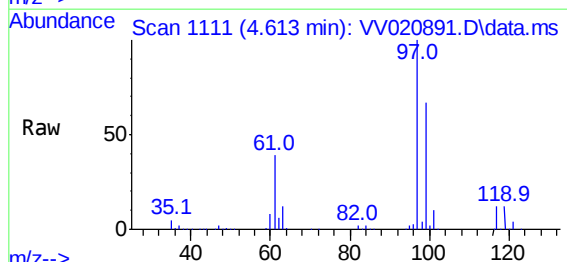
Tgt Ion: 97 Resp: 459082

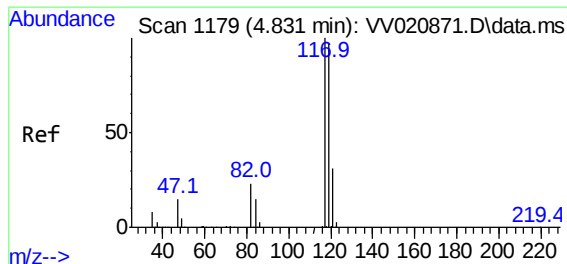
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.2

61 38.7 33.9 50.9

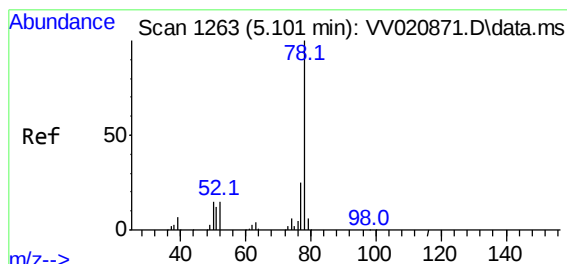
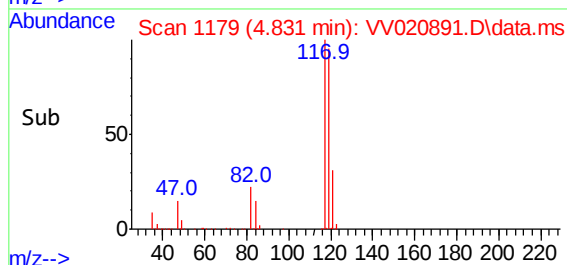
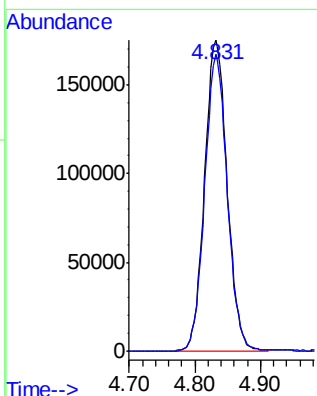
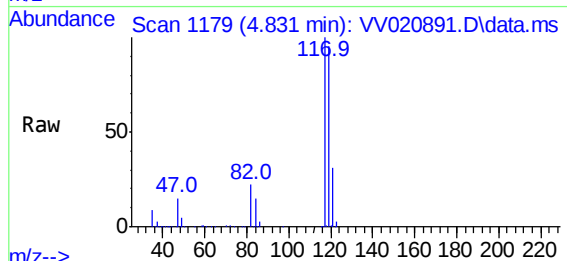




#31
Carbon tetrachloride
Concen: 59.83 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

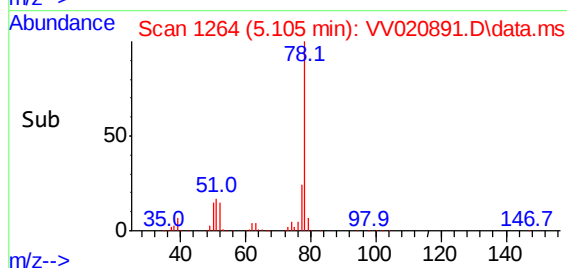
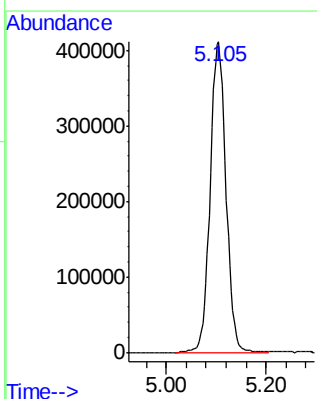
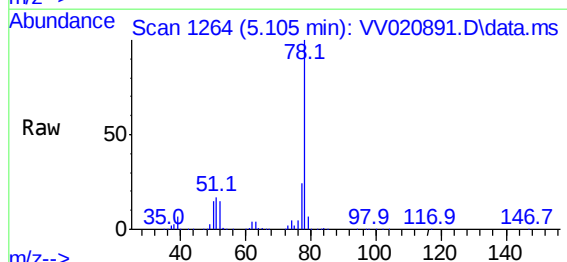
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

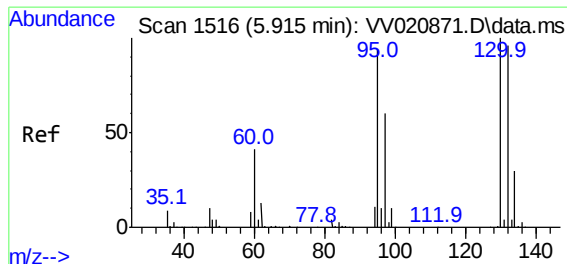
Tgt Ion:117 Resp: 416913
Ion Ratio Lower Upper
117 100
119 95.3 76.9 115.3



#33
Benzene
Concen: 52.12 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 78 Resp: 906851

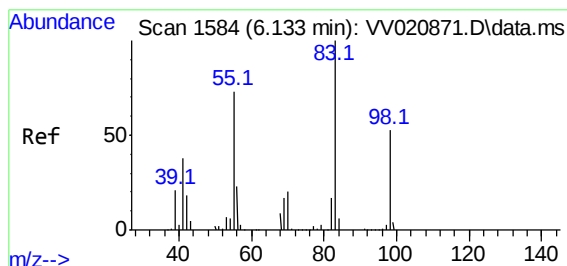
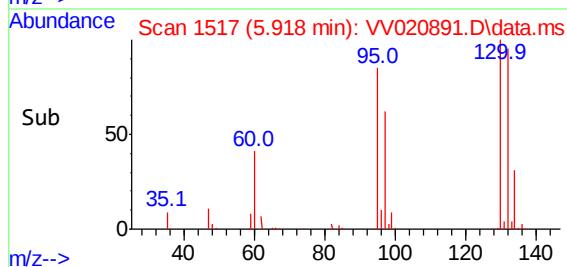
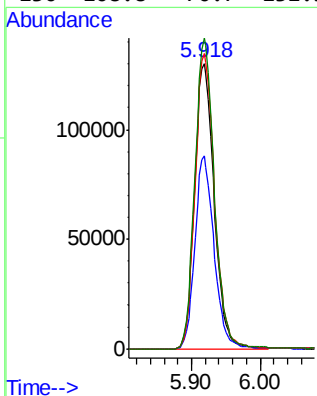
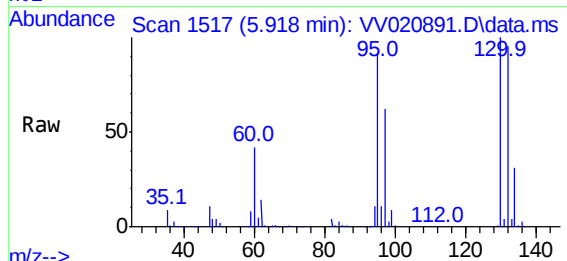




#34
Trichloroethene
Concen: 53.90 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

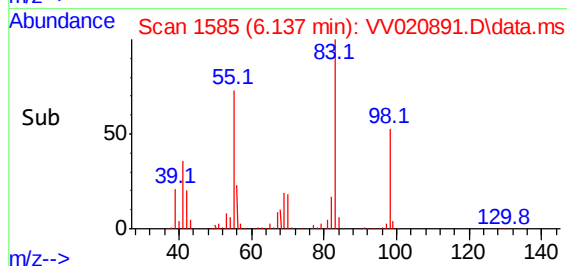
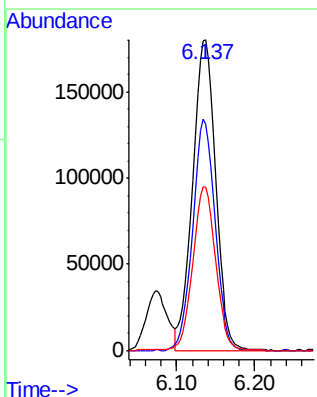
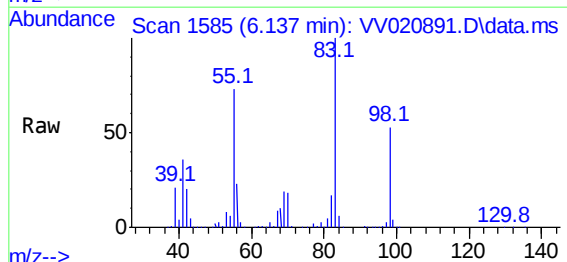
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

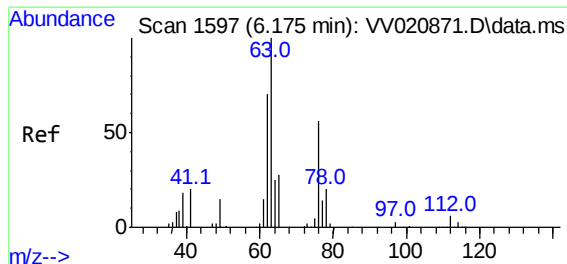
Tgt Ion: 95 Resp: 257092
Ion Ratio Lower Upper
95 100
97 67.4 43.5 80.9
132 103.3 69.5 129.1
130 108.8 70.7 131.3



#35
Methylcyclohexane
Concen: 50.12 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 83 Resp: 366839
Ion Ratio Lower Upper
83 100
55 72.2 62.7 94.1
98 52.1 38.9 58.3

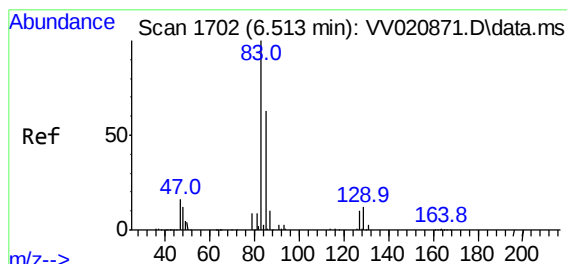
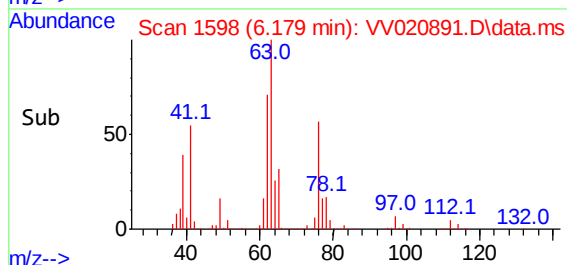
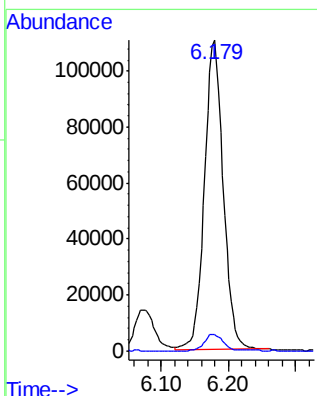
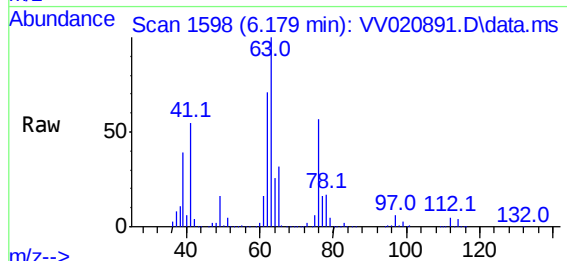




#37
1,2-Dichloropropane
Concen: 47.72 ug/L
RT: 6.179 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

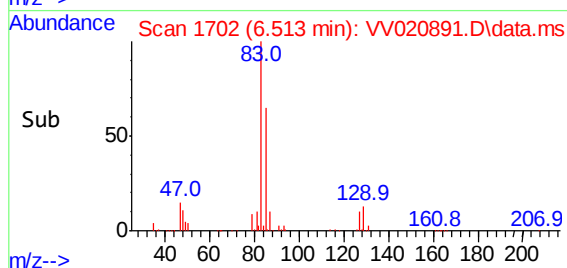
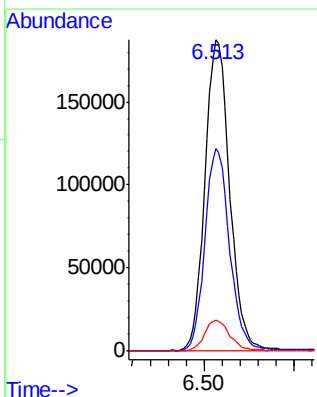
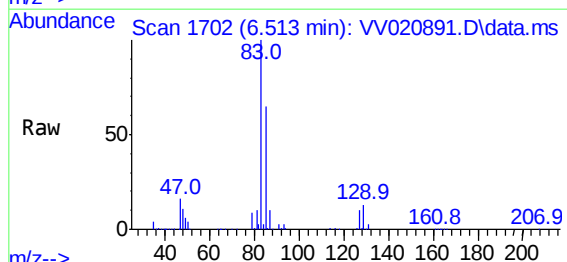
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

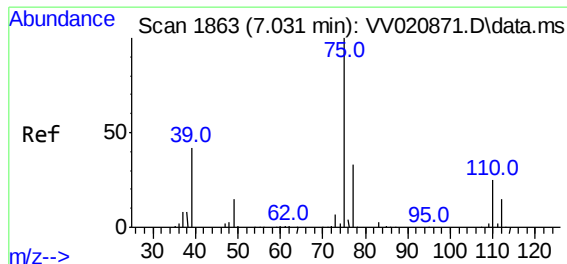
Tgt Ion: 63 Resp: 217730
Ion Ratio Lower Upper
63 100
112 5.2 3.7 5.5



#38
Bromodichloromethane
Concen: 54.91 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 83 Resp: 351896
Ion Ratio Lower Upper
83 100
85 64.9 44.5 82.7
127 9.8 6.8 10.2

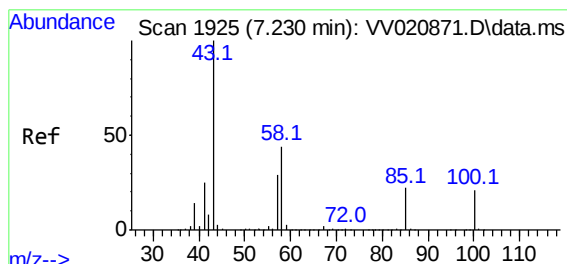
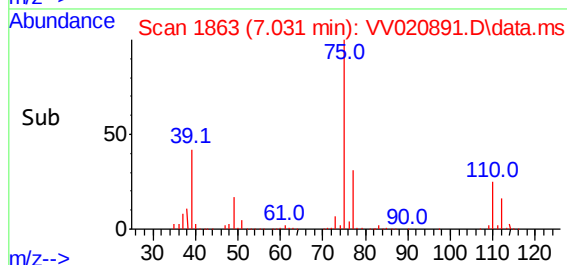
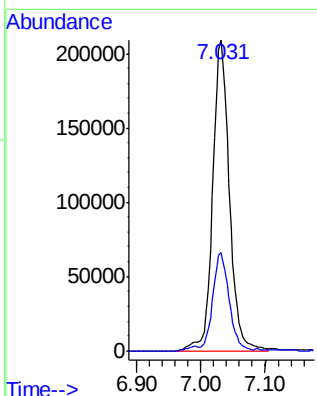
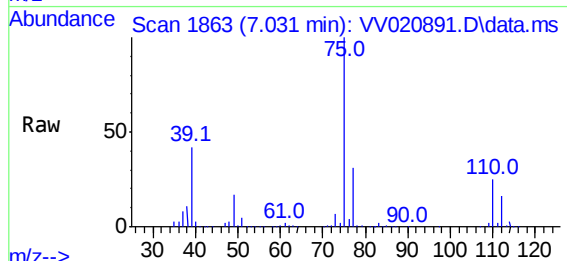




#39
cis-1,3-Dichloropropene
Concen: 53.53 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

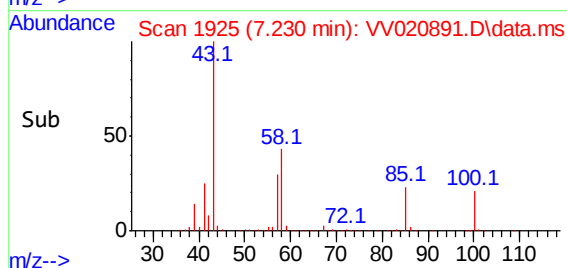
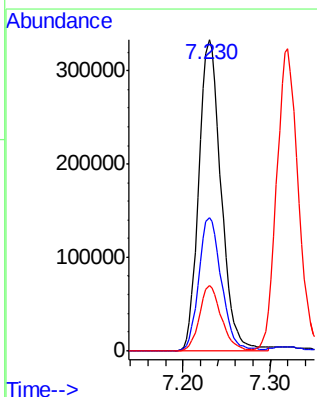
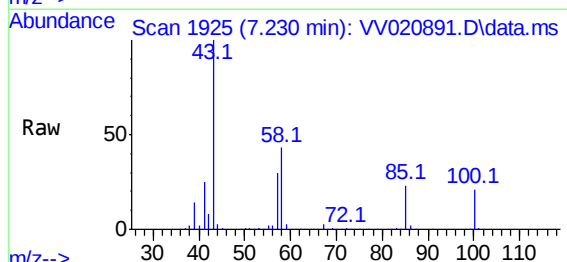
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

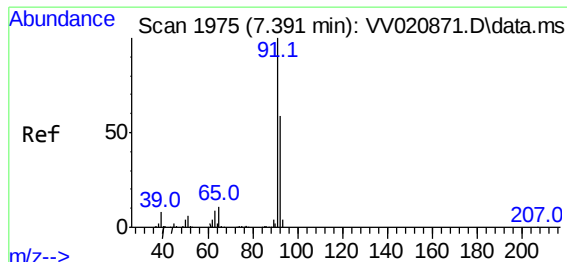
Tgt Ion: 75 Resp: 377127
Ion Ratio Lower Upper
75 100
77 31.5 21.7 40.3



#40
4-Methyl-2-pentanone
Concen: 96.00 ug/L
RT: 7.230 min Scan# 1925
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 43 Resp: 587423
Ion Ratio Lower Upper
43 100
58 43.5 32.3 48.5
100 20.3 13.0 19.4#





#42

Toluene

Concen: 54.34 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV020891.D

Acq: 02 Apr 2021 20:38

Tgt Ion: 91 Resp: 1027669

Ion Ratio Lower Upper

91 100

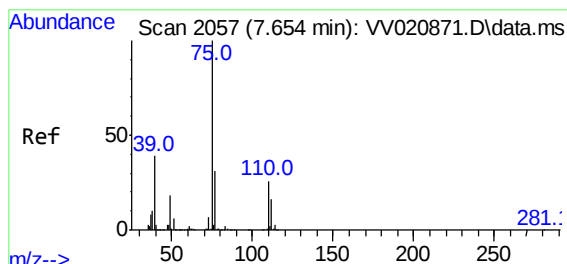
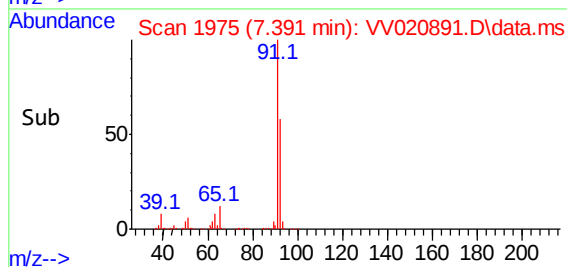
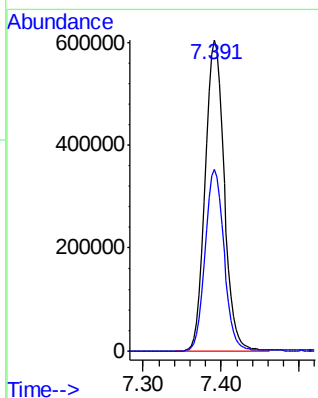
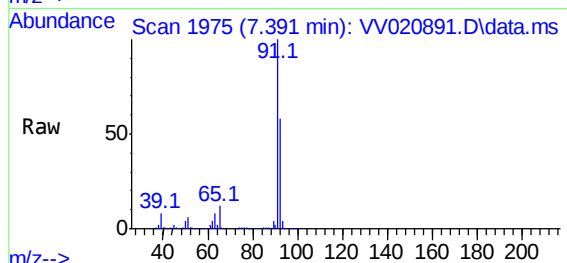
92 58.5 39.9 74.1

Instrument :

MSVOA_V

ClientSampleId :

VSTD05071



#44

trans-1,3-Dichloropropene

Concen: 53.50 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV020891.D

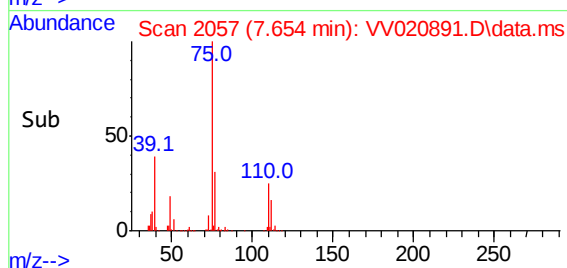
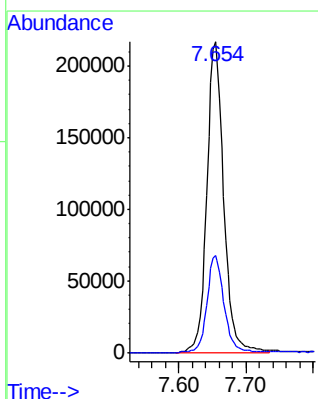
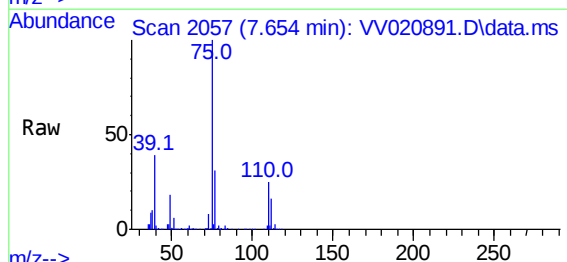
Acq: 02 Apr 2021 20:38

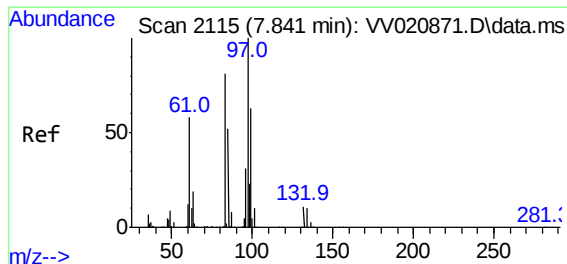
Tgt Ion: 75 Resp: 379539

Ion Ratio Lower Upper

75 100

77 31.4 21.6 40.0



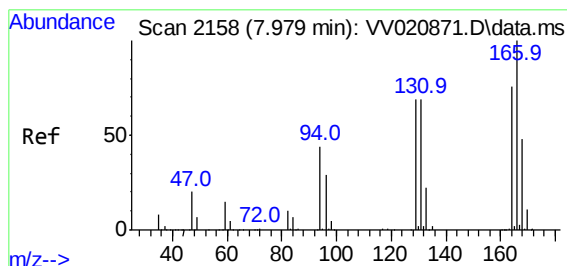
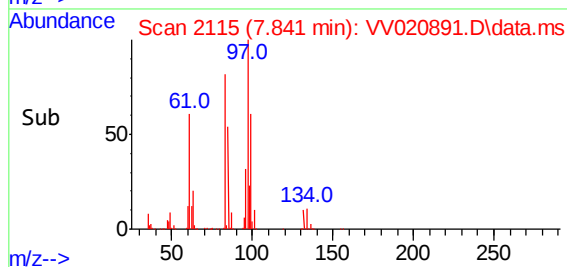
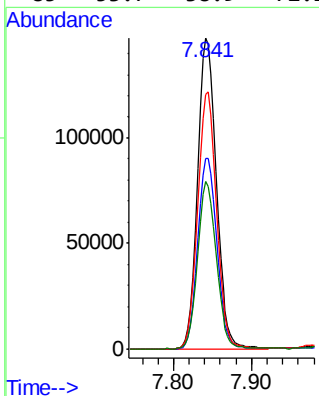
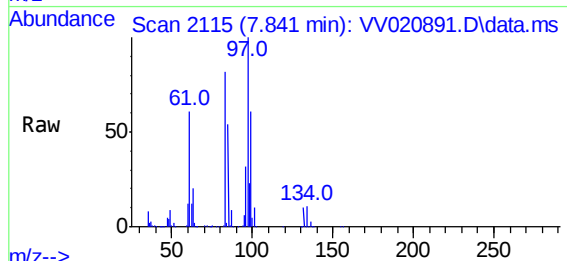


#45
1,1,2-Trichloroethane
Concen: 54.42 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion: 97 Resp: 244285

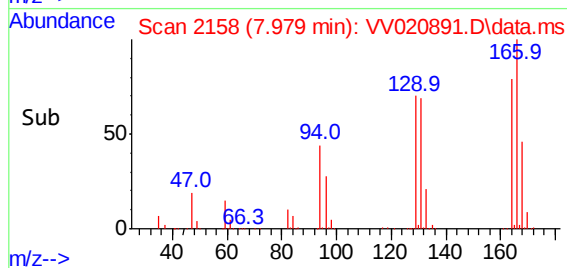
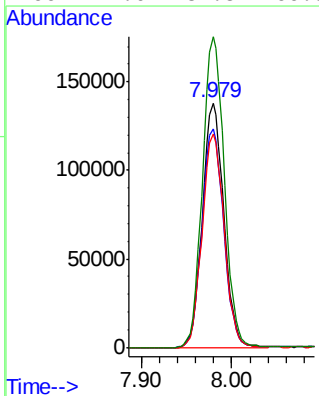
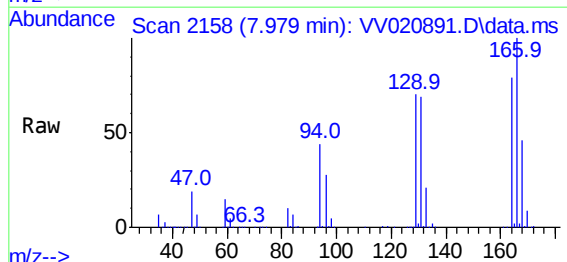
Ion	Ratio	Lower	Upper
97	100		
99	61.4	44.1	81.9
83	82.0	60.7	112.7
85	53.7	38.9	72.2

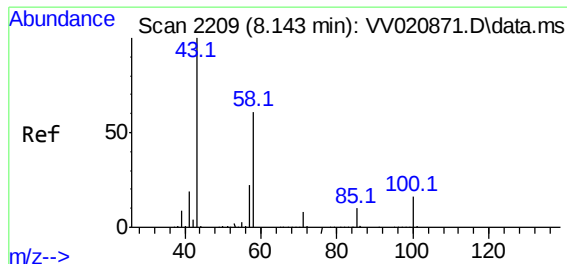


#46
Tetrachloroethene
Concen: 56.67 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 164 Resp: 225625

Ion	Ratio	Lower	Upper
164	100		
129	89.5	64.3	119.5
131	87.2	63.5	117.9
166	127.0	89.8	166.8



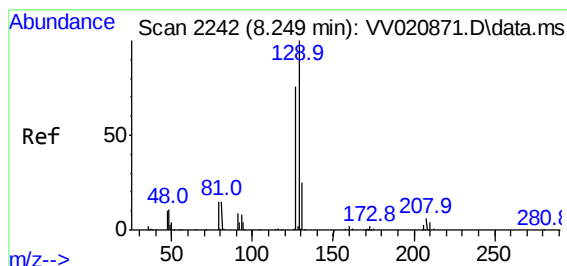
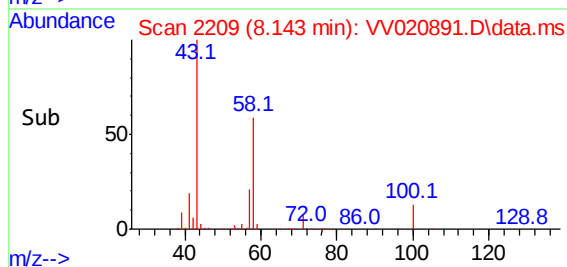
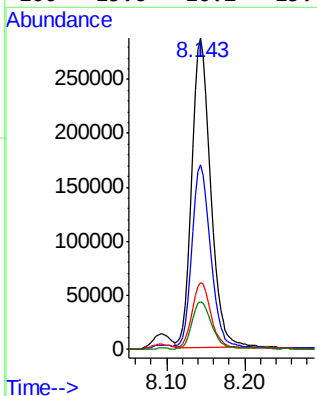
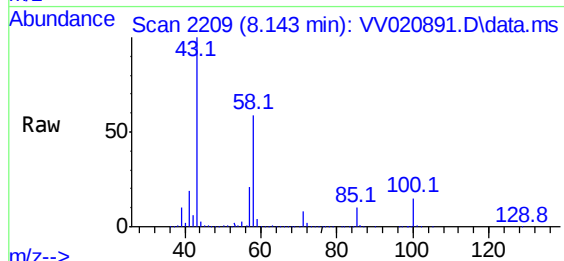


#48
2-Hexanone
Concen: 102.19 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion: 43 Resp: 477388

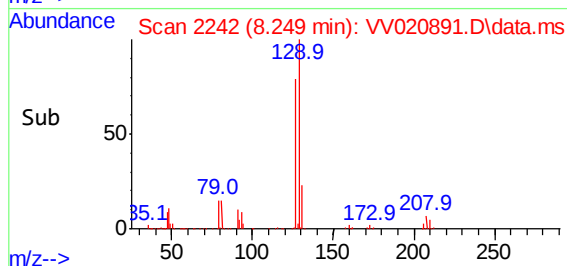
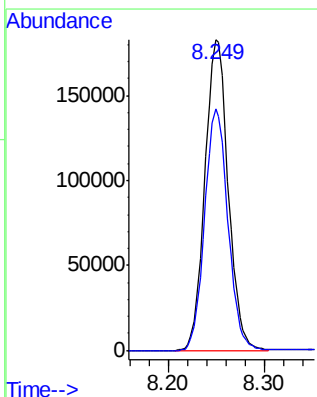
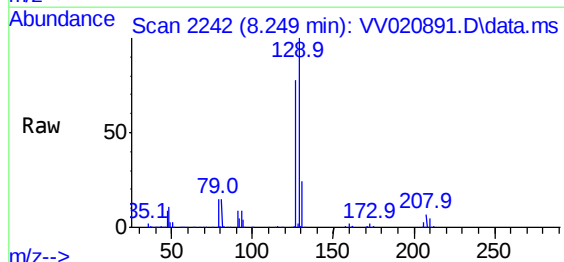
Ion	Ratio	Lower	Upper
43	100		
58	58.4	45.8	68.8
57	21.6	15.4	23.2
100	15.6	10.2	15.4

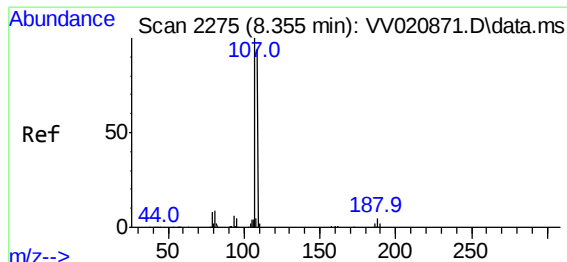


#49
Dibromochloromethane
Concen: 58.54 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 129 Resp: 306112

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.6	101.4

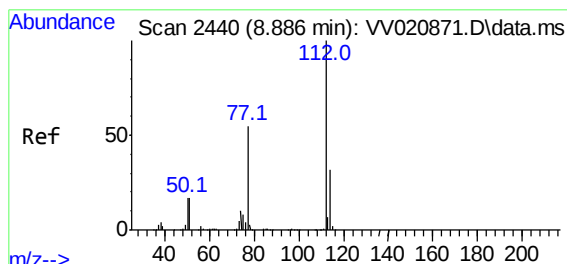
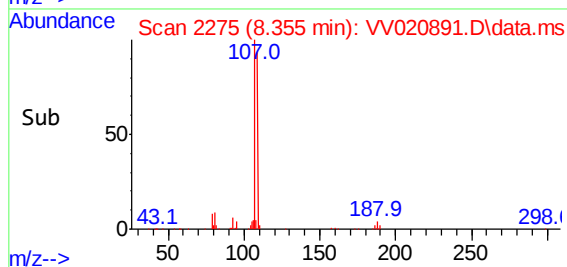
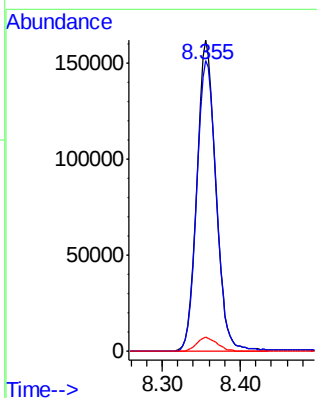
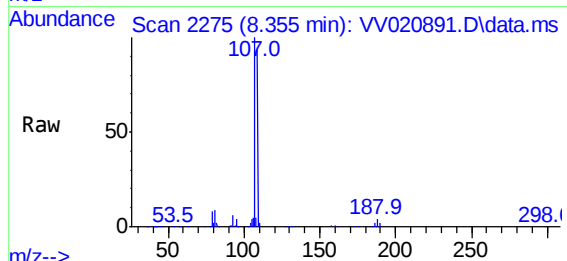




#50
1,2-Dibromoethane
Concen: 55.85 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

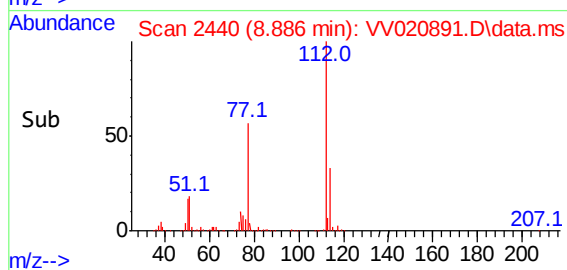
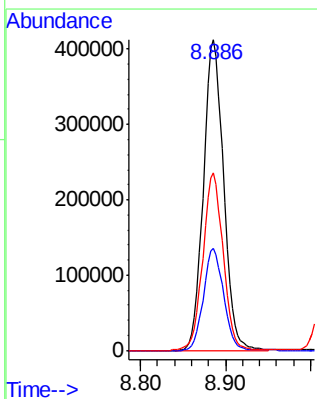
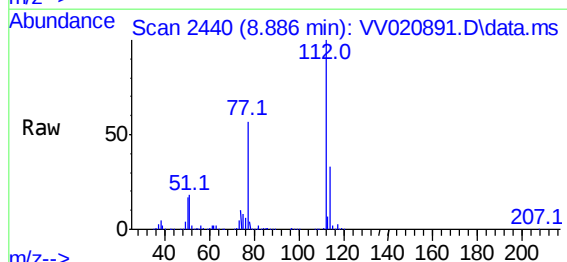
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

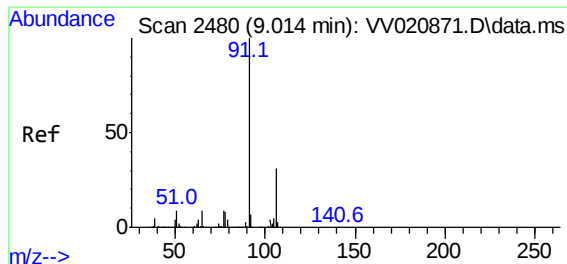
Tgt Ion:107 Resp: 268486
Ion Ratio Lower Upper
107 100
109 93.2 66.7 123.9
188 4.3 3.0 4.4



#51
Chlorobenzene
Concen: 53.48 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:112 Resp: 678967
Ion Ratio Lower Upper
112 100
114 32.9 22.4 41.6
77 57.3 46.7 70.1

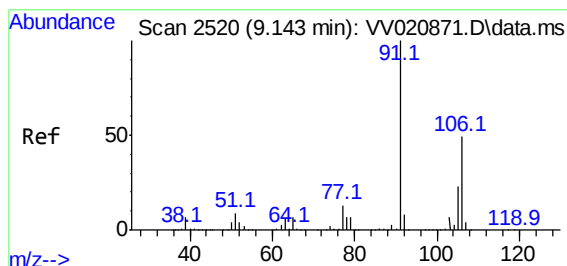
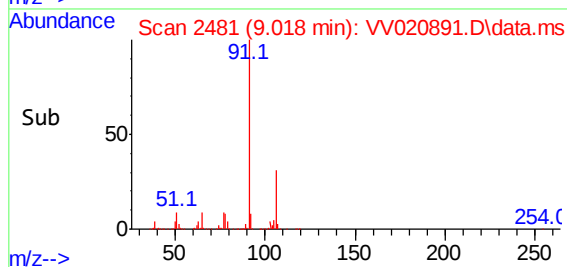
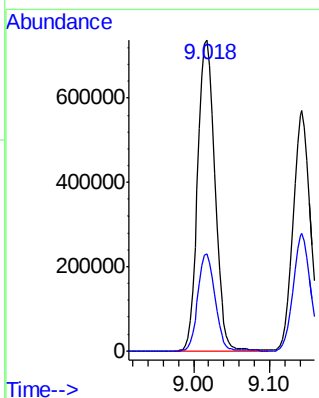
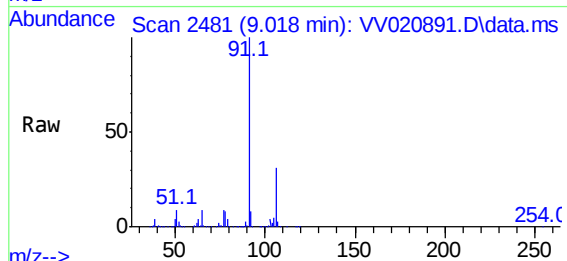




#52
Ethylbenzene
Concen: 53.47 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

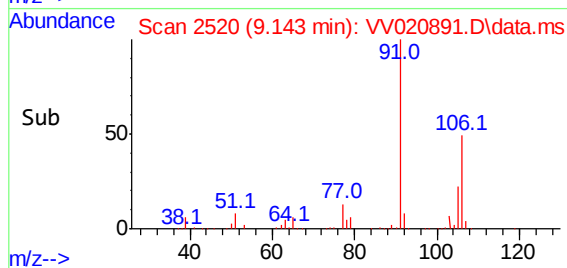
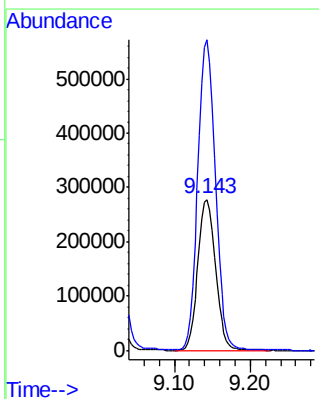
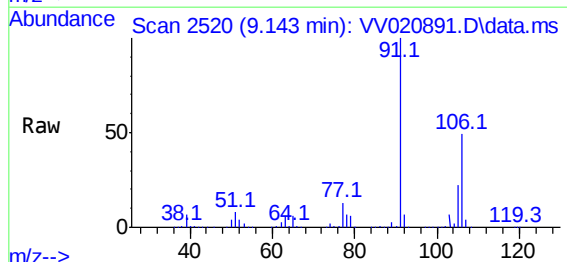
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

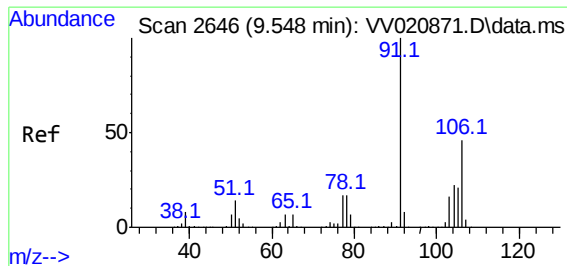
Tgt Ion: 91 Resp: 1153981
Ion Ratio Lower Upper
91 100
106 31.1 21.4 39.8



#53
m,p-Xylene
Concen: 55.59 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:106 Resp: 446314
Ion Ratio Lower Upper
106 100
91 205.5 145.7 270.7

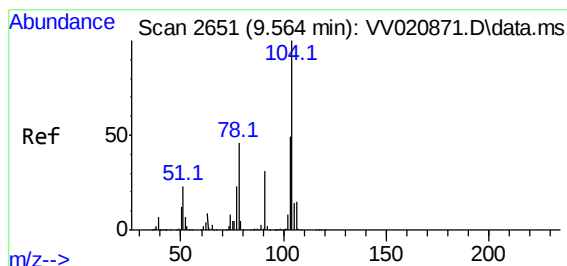
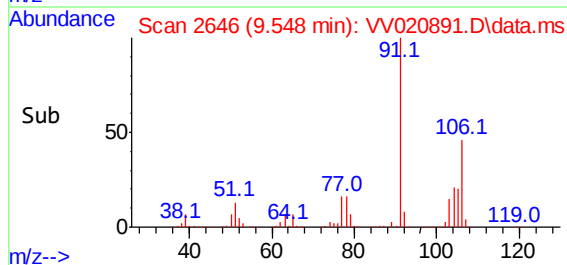
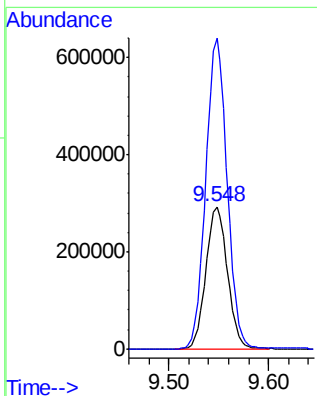
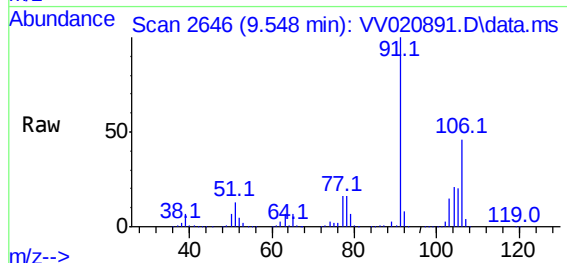




#54
o-xylene
Concen: 56.74 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

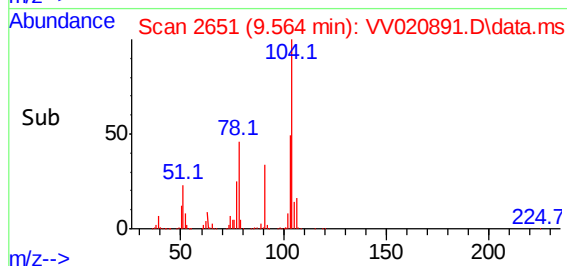
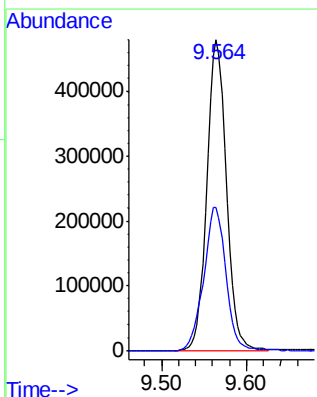
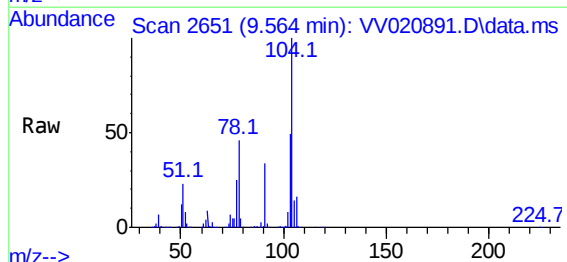
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

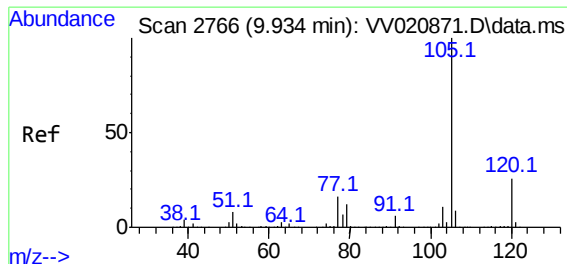
Tgt Ion:106 Resp: 439000
Ion Ratio Lower Upper
106 100
91 218.7 157.8 293.1



#55
Styrene
Concen: 56.19 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

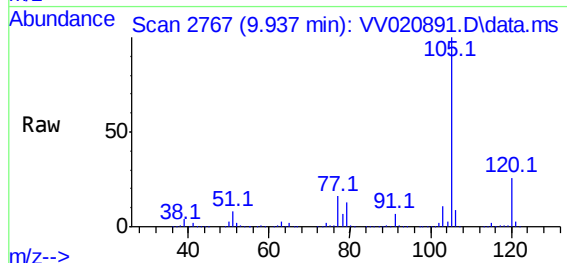
Tgt Ion:104 Resp: 763966
Ion Ratio Lower Upper
104 100
78 46.2 33.6 62.4





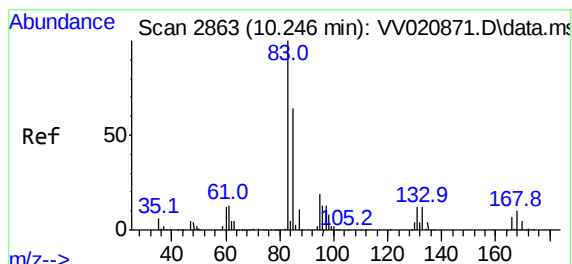
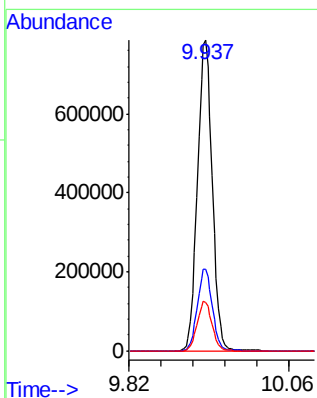
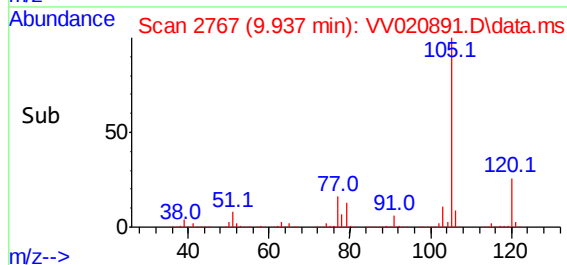
#56
Isopropylbenzene
Concen: 56.08 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

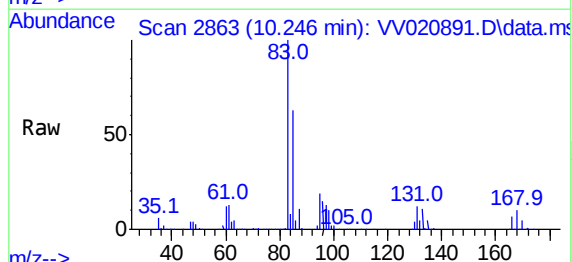


Tgt Ion:105 Resp: 1194891

Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.8	31.2
77	15.8	12.9	19.3

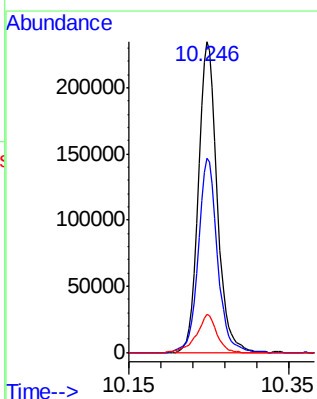
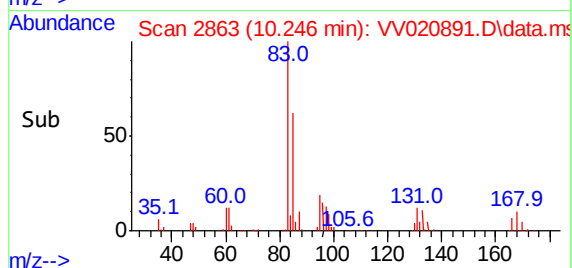


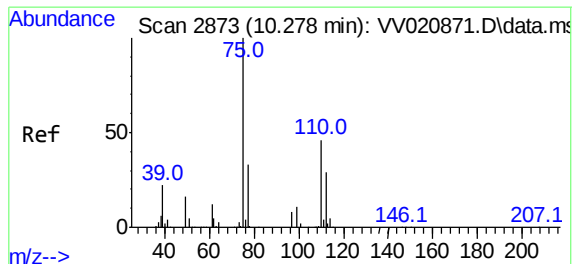
#58
1,1,2,2-Tetrachloroethane
Concen: 51.13 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38



Tgt Ion: 83 Resp: 374385

Ion	Ratio	Lower	Upper
83	100		
85	62.7	44.7	83.1
131	12.3	8.6	12.8

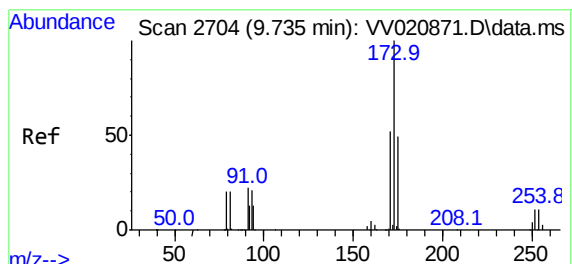
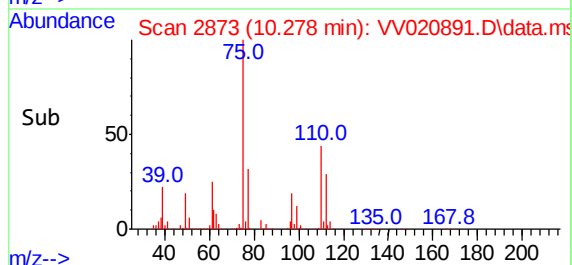
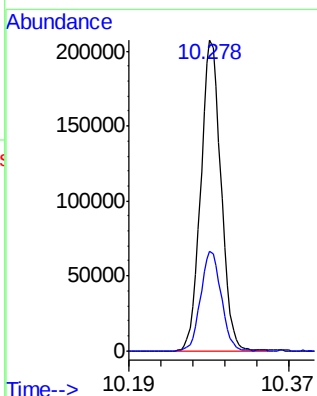
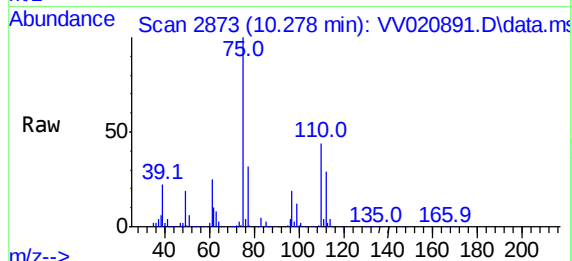




#59
1,2,3-Trichloropropane
Concen: 53.68 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

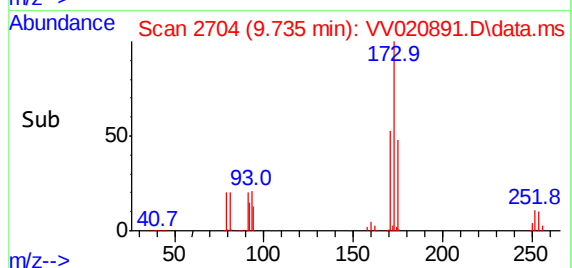
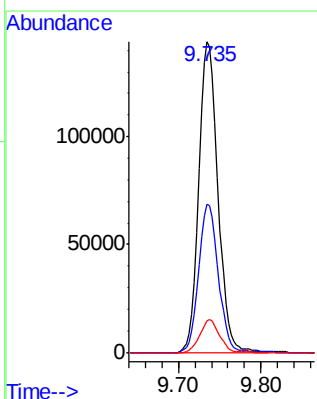
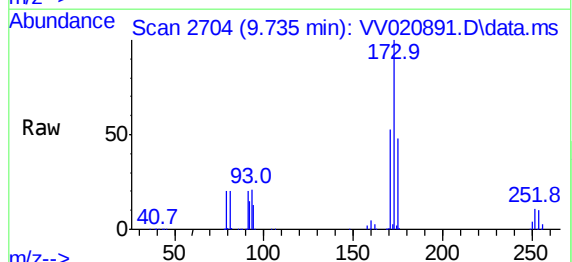
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

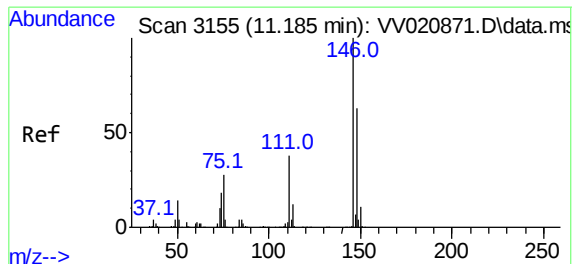
Tgt Ion: 75 Resp: 319863
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9



#61
Bromoform
Concen: 57.12 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:173 Resp: 234692
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
254 10.6 8.5 12.7

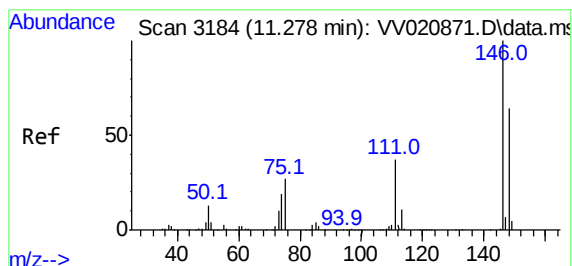
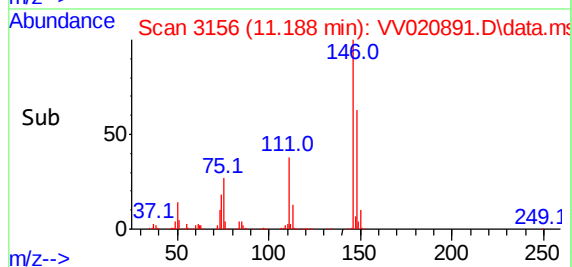
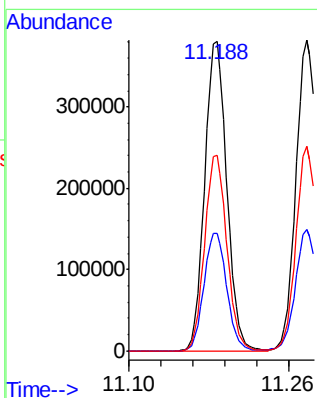
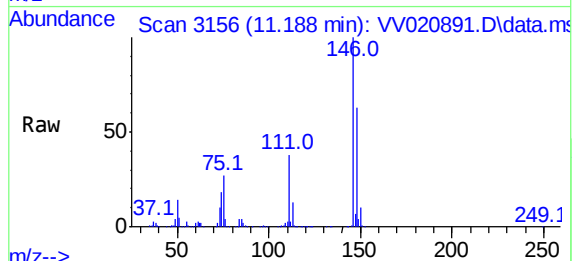




#62
1,3-Dichlorobenzene
Concen: 53.04 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.003 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

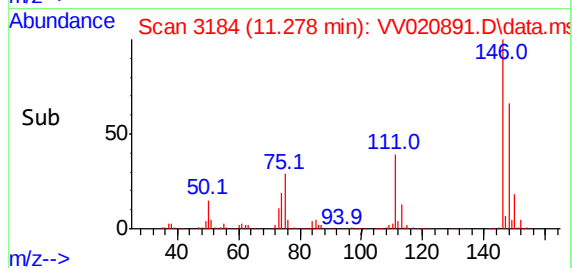
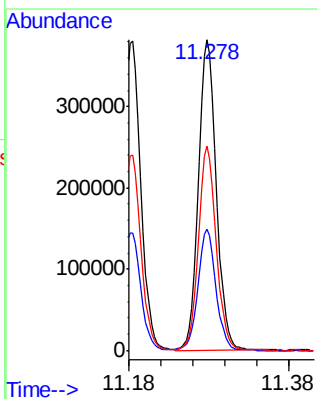
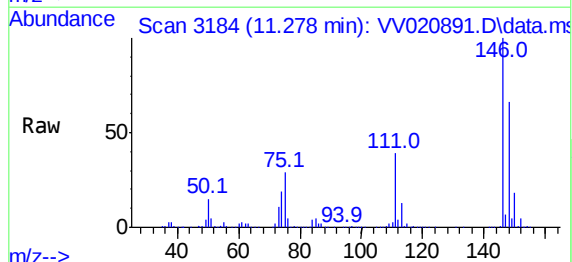
Instrument :
MSVOA_V
ClientSampled :
VSTD05071

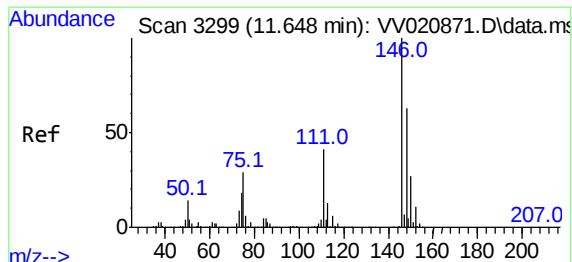
Tgt Ion:146 Resp: 585785
Ion Ratio Lower Upper
146 100
111 38.1 27.4 51.0
148 63.3 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 50.78 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:146 Resp: 583270
Ion Ratio Lower Upper
146 100
111 39.0 26.0 48.4
148 65.6 44.1 81.9

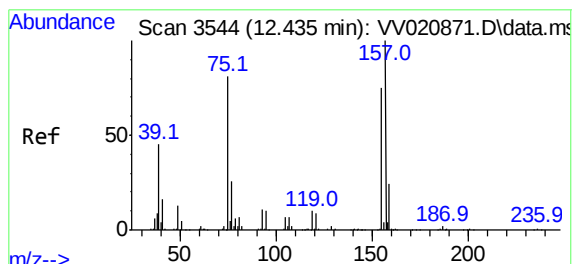
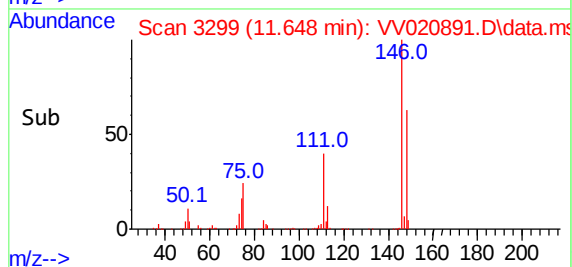
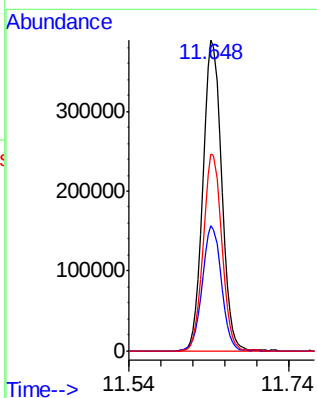
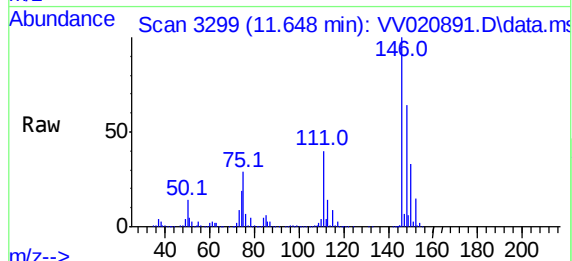




#65
1,2-Dichlorobenzene
Concen: 54.97 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

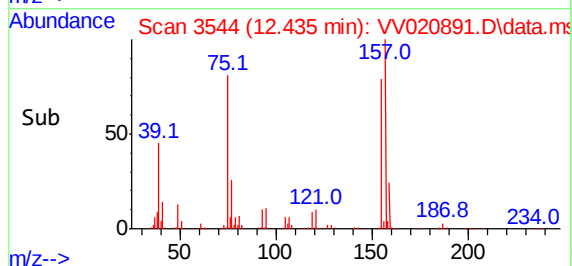
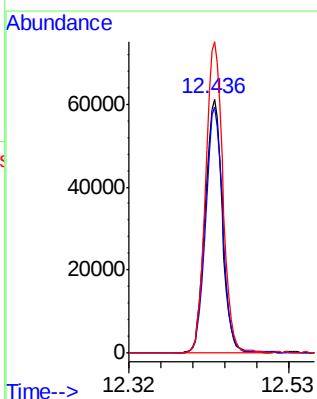
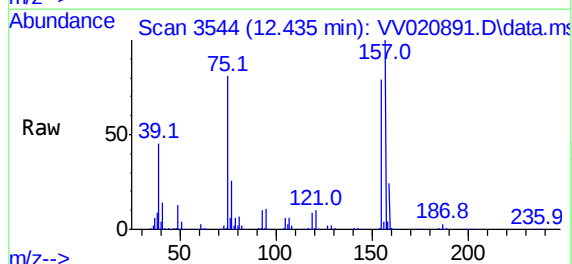
Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

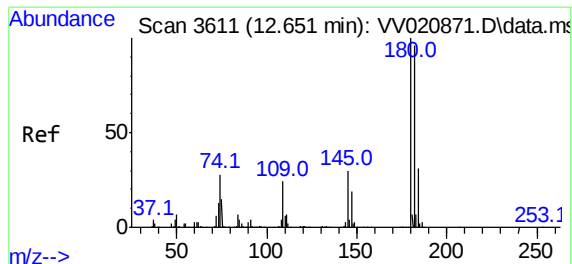
Tgt Ion:146 Resp: 598310
Ion Ratio Lower Upper
146 100
111 40.2 34.1 51.1
148 63.5 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 51.27 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion: 75 Resp: 94337
Ion Ratio Lower Upper
75 100
155 97.2 65.3 97.9
157 122.7 85.8 128.6



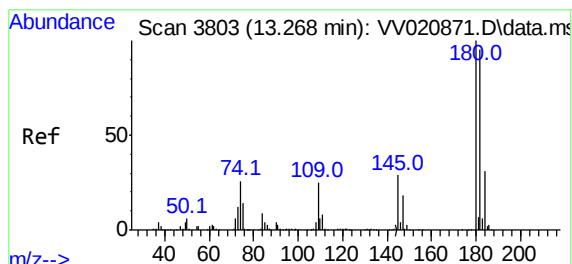
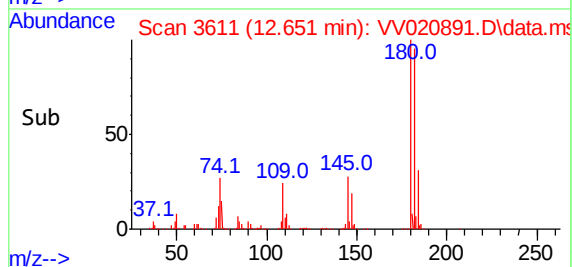
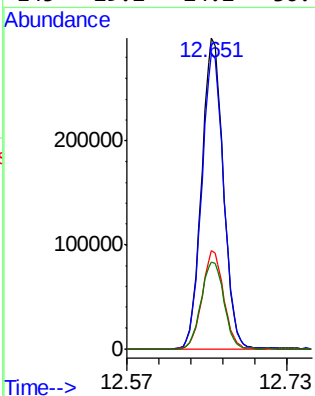
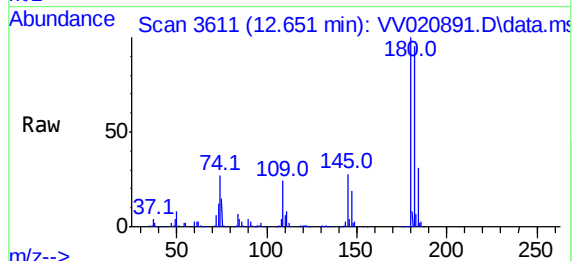


#67
1,3,5-Trichlorobenzene
Concen: 52.66 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion:180 Resp: 450815

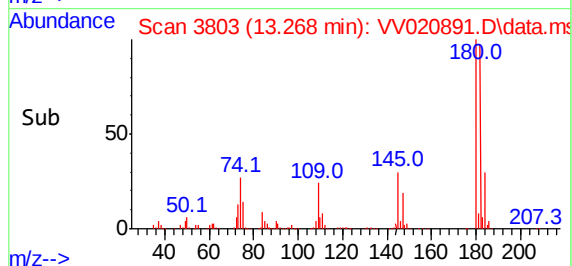
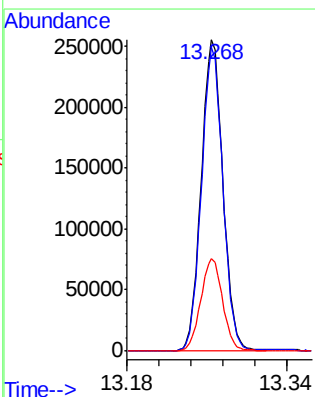
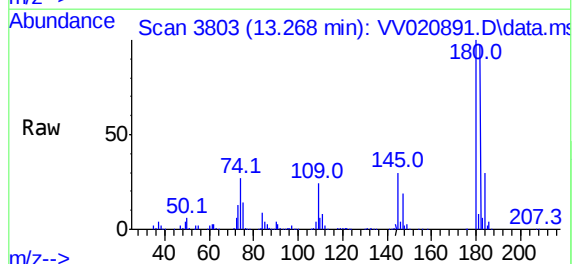
Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.3	114.5
184	31.1	24.5	36.7
145	29.2	24.2	36.4

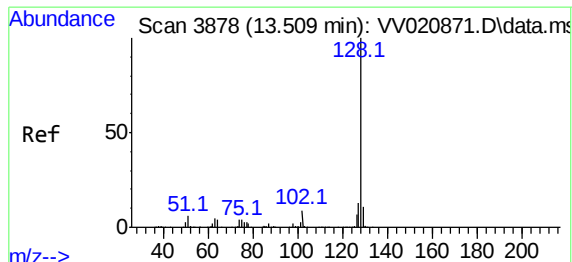


#68
1,2,4-trichlorobenzene
Concen: 52.94 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:180 Resp: 384267

Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.8	113.6
145	29.6	23.9	35.9

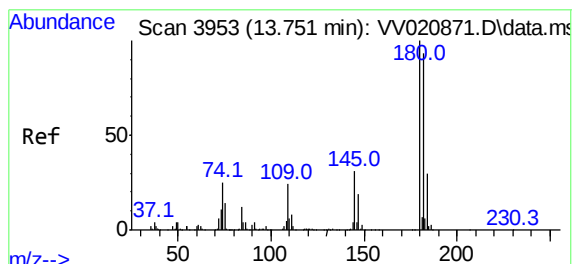
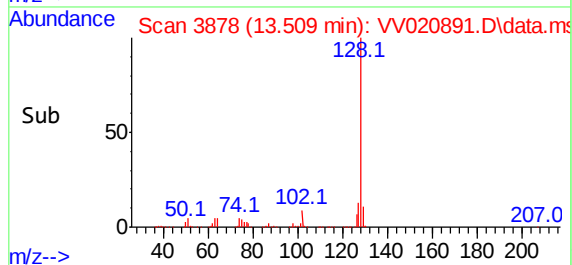
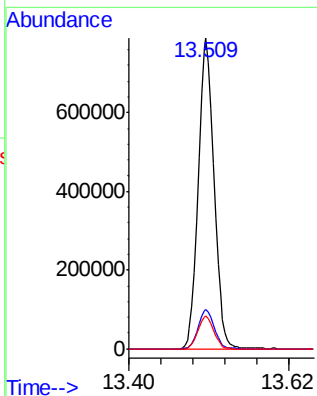
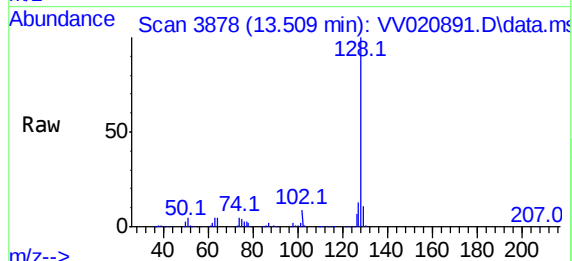




#69
Naphthalene
Concen: 56.34 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Instrument :
MSVOA_V
ClientSampleId :
VSTD05071

Tgt Ion:128 Resp: 1170561
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.6 8.7 13.1



#70
1,2,3-Trichlorobenzene
Concen: 55.52 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020891.D
Acq: 02 Apr 2021 20:38

Tgt Ion:180 Resp: 403527
Ion Ratio Lower Upper
180 100
182 94.9 75.2 112.8
145 31.0 25.5 38.3

