

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031521\
 Data File : VW020595.D
 Acq On : 15 Mar 2021 09:32
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

Quant Time: Mar 16 03:39:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 02:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	444565	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	439668	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	223329	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	167653	46.75	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.50%		
7) Chloroethane-d5	1.568	69	141419	49.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.58%		
11) 1,1-Dichloroethene-d2	2.111	63	342005	50.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.34%		
21) 2-Butanone-d5	3.880	46	233610	101.50	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.50%		
24) Chloroform-d	4.349	84	311788	50.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.04%		
26) 1,2-Dichloroethane-d4	5.031	65	208118	50.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.22%		
32) Benzene-d6	5.047	84	603085	49.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.30%		
36) 1,2-Dichloropropane-d6	6.069	67	196254	50.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.00%		
41) Toluene-d8	7.317	98	554394	51.35	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.70%		
43) trans-1,3-Dichloroprop...	7.622	79	95645	52.66	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.32%		
47) 2-Hexanone-d5	8.088	63	146365	100.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.66%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	256812	52.88	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.76%		
64) 1,2-Dichlorobenzene-d4	11.628	152	213959	49.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.88%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	177913	48.47	ug/L	99
3) Chloromethane	1.243	50	204685	48.21	ug/L	99
5) Vinyl chloride	1.311	62	201346	47.30	ug/L	100
6) Bromomethane	1.523	94	124648	49.70	ug/L	100
8) Chloroethane	1.584	64	123996	48.00	ug/L	98
9) Trichlorofluoromethane	1.754	101	287034	50.60	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	158624	51.28	ug/L	98
12) 1,1-Dichloroethene	2.121	96	147910	49.29	ug/L	82
13) Acetone	2.172	43	186132	99.01	ug/L	98
14) Carbon disulfide	2.294	76	457419	50.27	ug/L	100
15) Methyl Acetate	2.429	43	184690	51.30	ug/L	97
16) Methylene chloride	2.507	84	167338	48.12	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	157193	49.03	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	486031	49.85	ug/L	100
19) 1,1-Dichloroethane	3.188	63	302587	49.46	ug/L	100
20) cis-1,2-Dichloroethene	3.909	96	165480	50.00	ug/L #	93
22) 2-Butanone	3.960	43	261393	100.53	ug/L	92
23) Bromochloromethane	4.246	128	84013	50.87	ug/L	95
25) Chloroform	4.372	83	315999	49.46	ug/L	99
27) 1,2-Dichloroethane	5.130	62	251929	49.92	ug/L	99

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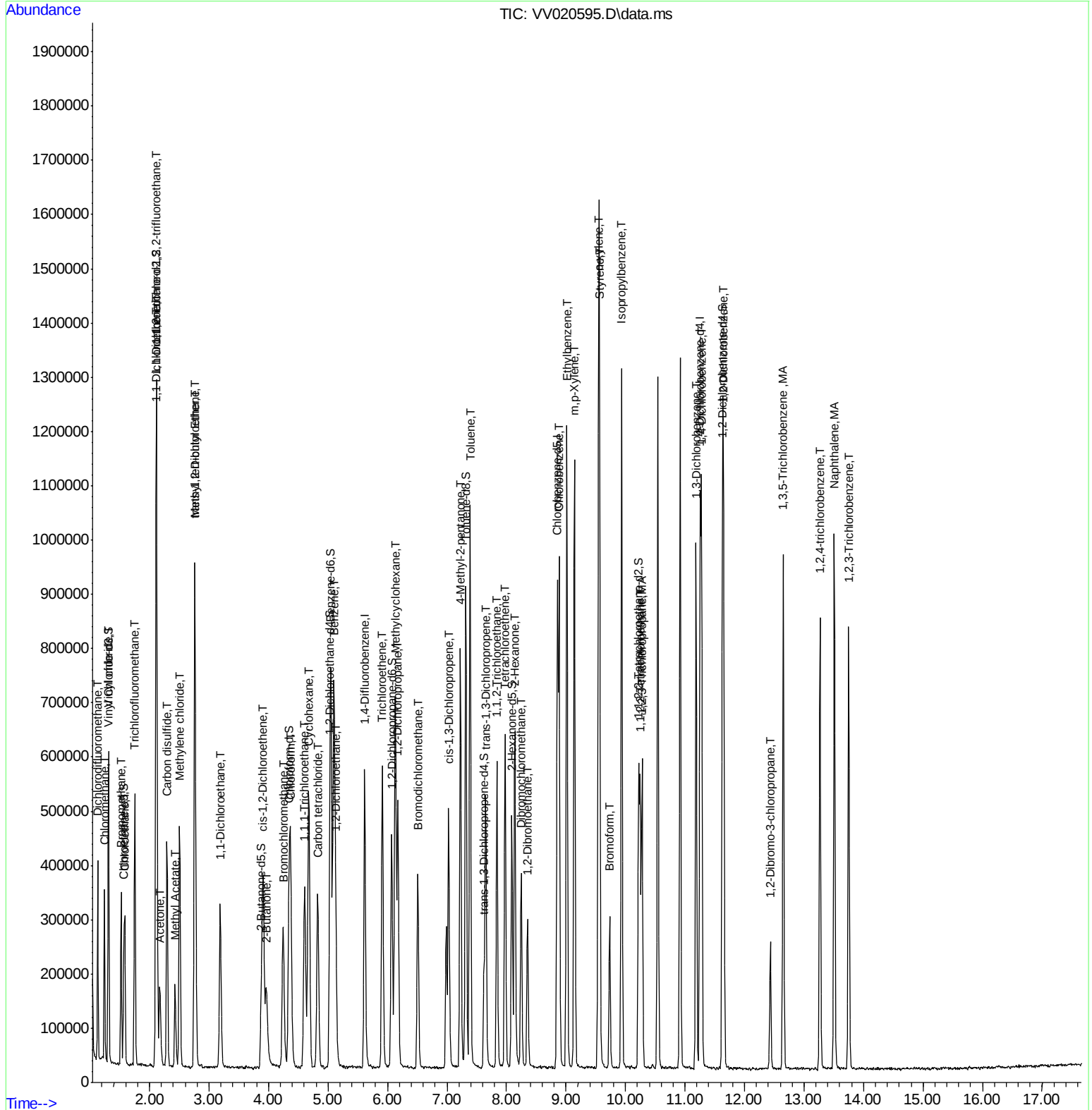
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

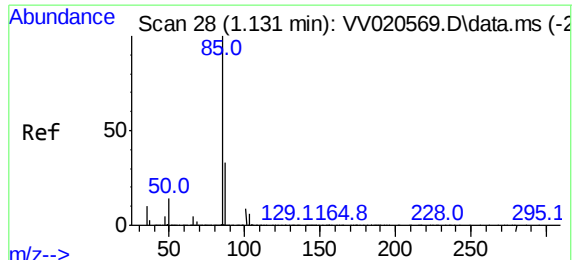
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.677	56	273955	50.88	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	268360	50.50	ug/L	99
31) Carbon tetrachloride	4.828	117	216720	50.20	ug/L	97
33) Benzene	5.098	78	673295	50.75	ug/L	100
34) Trichloroethene	5.915	95	182357	48.72	ug/L	99
35) Methylcyclohexane	6.130	83	264111	51.34	ug/L	99
37) 1,2-Dichloropropane	6.172	63	176622	50.99	ug/L	99
38) Bromodichloromethane	6.510	83	228046	50.00	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	271377	52.82	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	524816	100.74	ug/L	96
42) Toluene	7.387	91	710707	51.32	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	258745	51.23	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	161678	50.09	ug/L	96
46) Tetrachloroethene	7.976	164	121407	50.55	ug/L	99
48) 2-Hexanone	8.140	43	403309	99.12	ug/L	97
49) Dibromochloromethane	8.246	129	165330	49.20	ug/L	99
50) 1,2-Dibromoethane	8.352	107	171297	49.55	ug/L	98
51) Chlorobenzene	8.883	112	439703	49.09	ug/L	99
52) Ethylbenzene	9.014	91	791639	50.49	ug/L	99
53) m,p-Xylene	9.140	106	289502	50.57	ug/L	98
54) o-xylene	9.545	106	281372	50.77	ug/L	100
55) Styrene	9.564	104	503417	52.02	ug/L	97
56) Isopropylbenzene	9.934	105	763177	50.89	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	244017	50.90	ug/L	98
59) 1,2,3-Trichloropropane	10.278	75	216768	49.38	ug/L	99
61) Bromoform	9.735	173	109278	49.37	ug/L	98
62) 1,3-Dichlorobenzene	11.185	146	349279	49.25	ug/L	99
63) 1,4-Dichlorobenzene	11.278	146	357536	48.30	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	348112	49.31	ug/L	99
66) 1,2-Dibromo-3-chloropr...	12.435	75	53580	50.26	ug/L	95
67) 1,3,5-Trichlorobenzene	12.651	180	250989	49.69	ug/L	99
68) 1,2,4-trichlorobenzene	13.268	180	217719	49.65	ug/L	99
69) Naphthalene	13.509	128	692413	48.57	ug/L	99
70) 1,2,3-Trichlorobenzene	13.751	180	212557	48.90	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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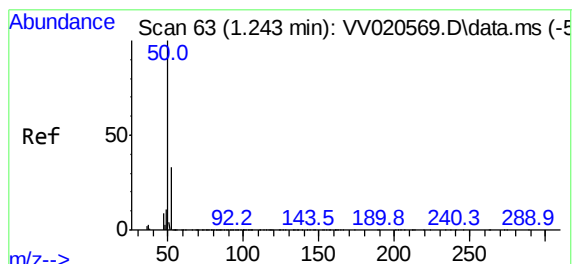
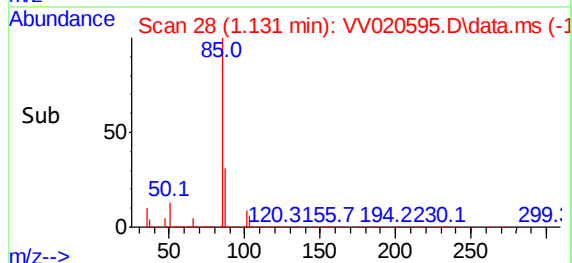
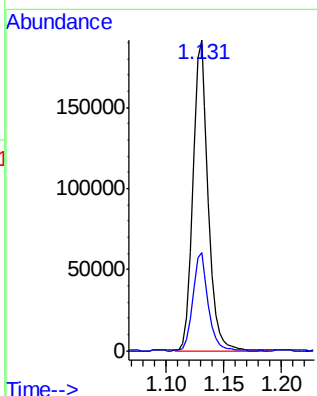
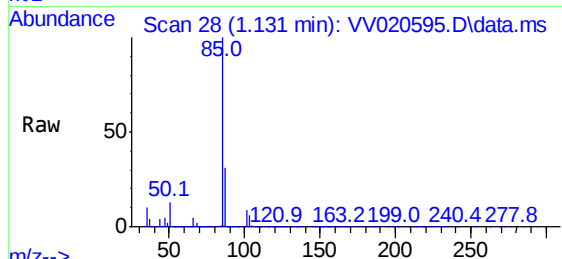


#2

Dichlorodifluoromethane
Concen: 48.47 ug/L
RT: 1.131 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

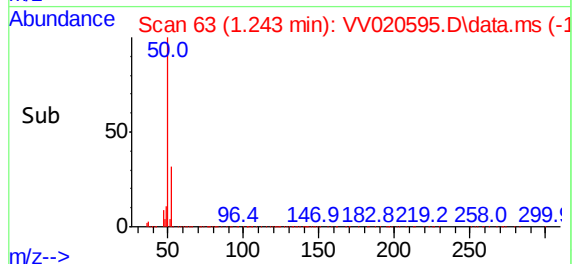
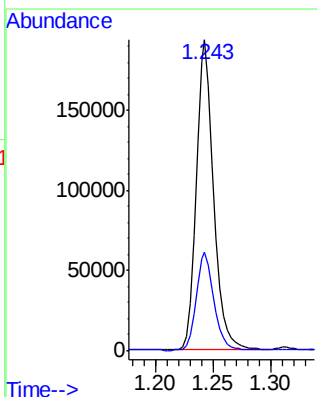
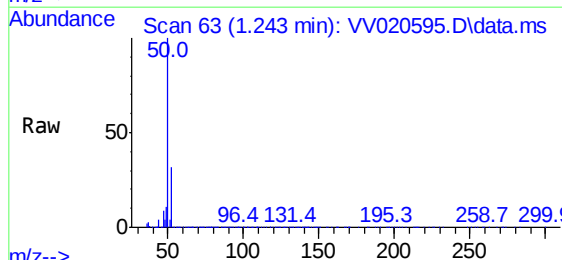
Tgt Ion: 85 Resp: 177913
Ion Ratio Lower Upper
85 100
87 31.8 25.9 38.9

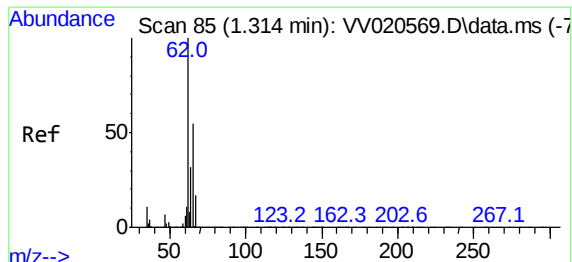


#3

Chloromethane
Concen: 48.21 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 50 Resp: 204685
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.1

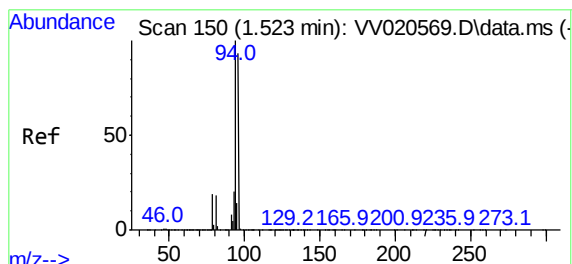
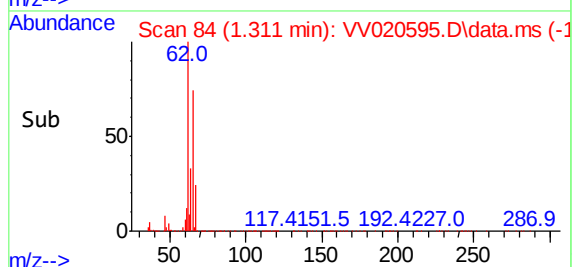
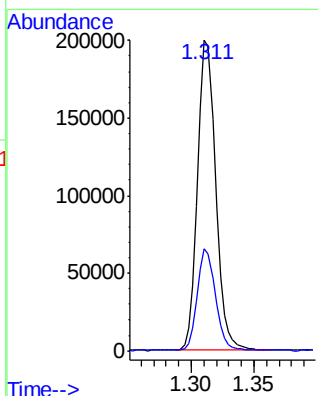
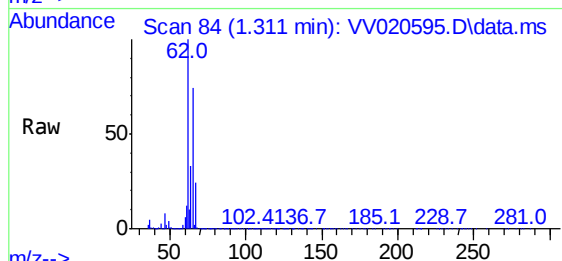




#5
 Vinyl chloride
 Concen: 47.30 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

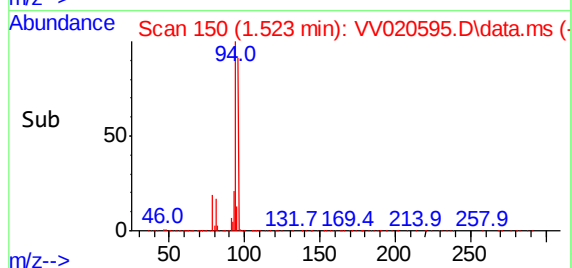
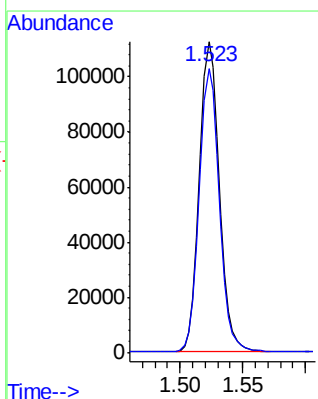
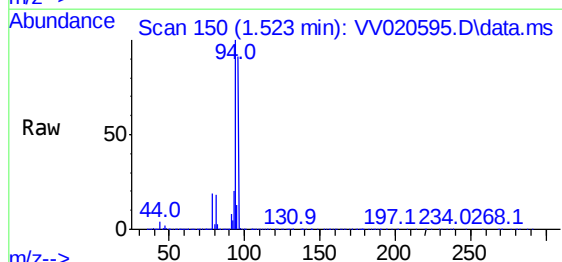
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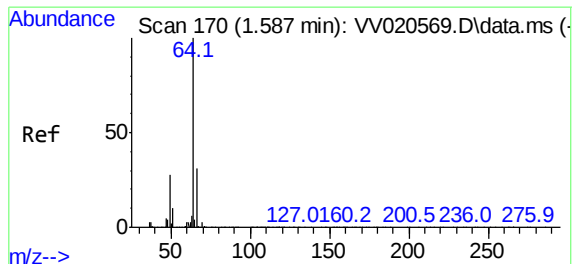
Tgt Ion: 62 Resp: 201346
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.0 42.6



#6
 Bromomethane
 Concen: 49.70 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

Tgt Ion: 94 Resp: 124648
 Ion Ratio Lower Upper
 94 100
 96 91.4 63.6 118.2

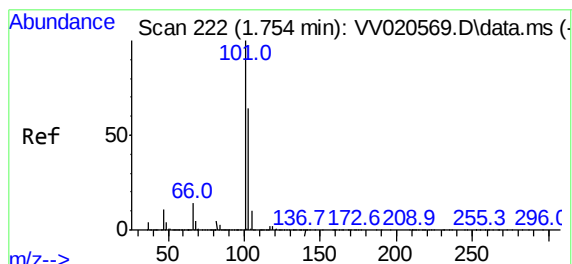
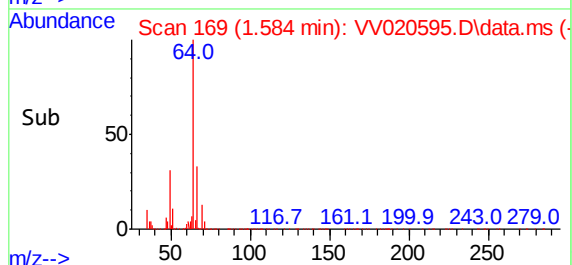
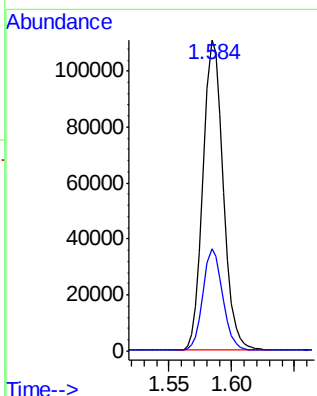
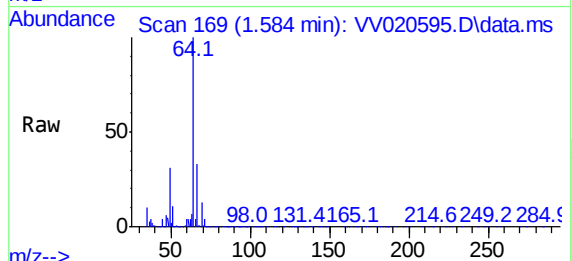




#8
Chloroethane
Concen: 48.00 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

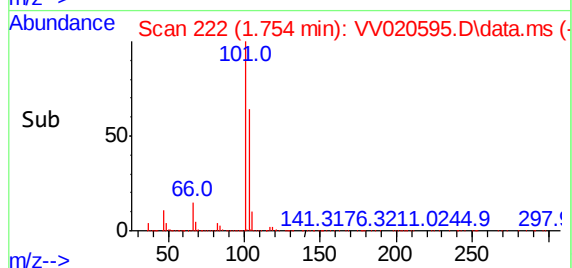
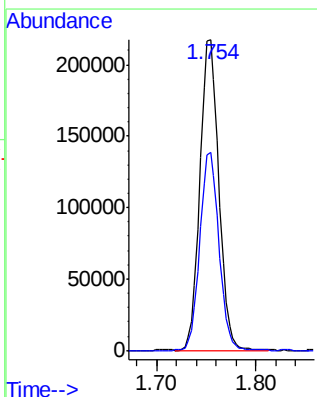
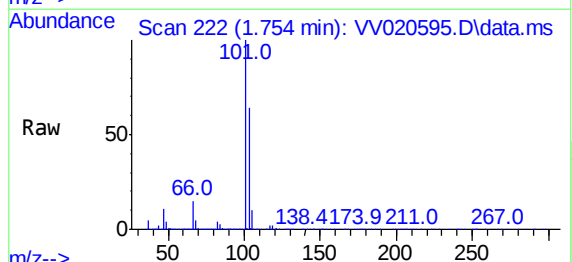
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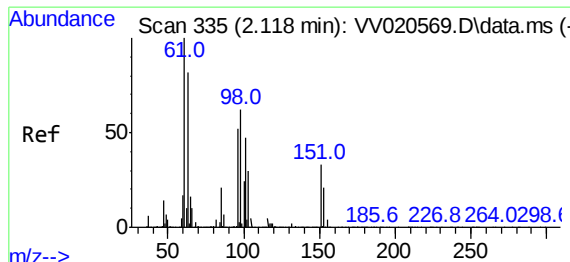
Tgt Ion: 64 Resp: 123996
Ion Ratio Lower Upper
64 100
66 32.9 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.60 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion:101 Resp: 287034
Ion Ratio Lower Upper
101 100
103 64.3 51.7 77.5

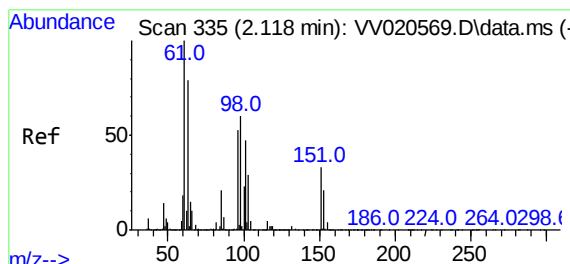
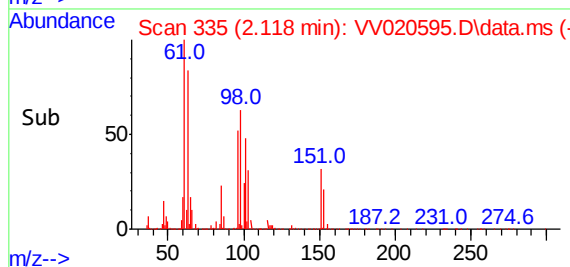
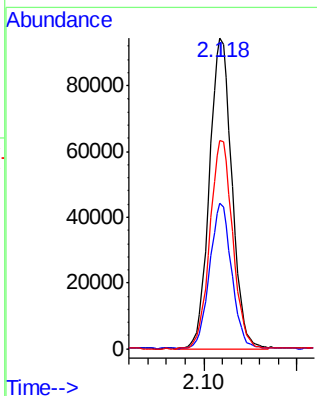
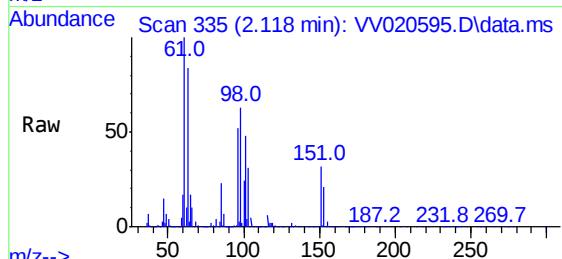




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.28 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

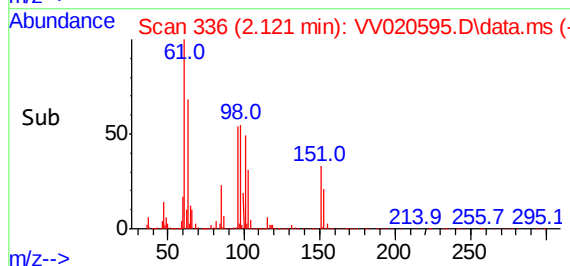
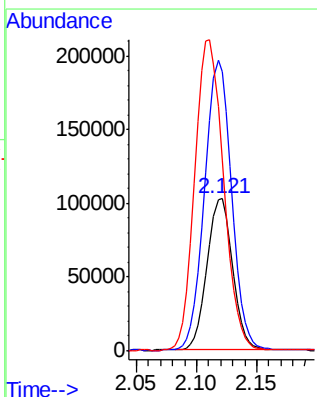
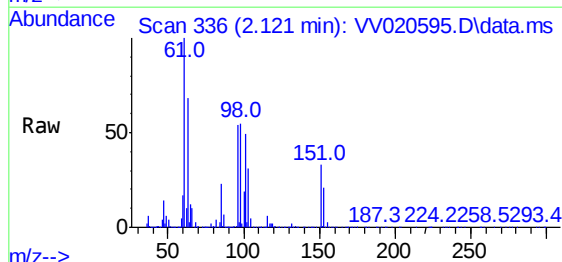
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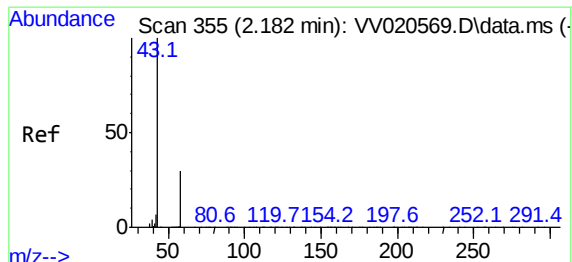
Tgt Ion:101 Resp: 158624
 Ion Ratio Lower Upper
 101 100
 85 46.0 35.3 52.9
 151 67.8 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 49.29 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

Tgt Ion: 96 Resp: 147910
 Ion Ratio Lower Upper
 96 100
 61 183.8 134.9 250.5
 63 125.6 117.6 218.4

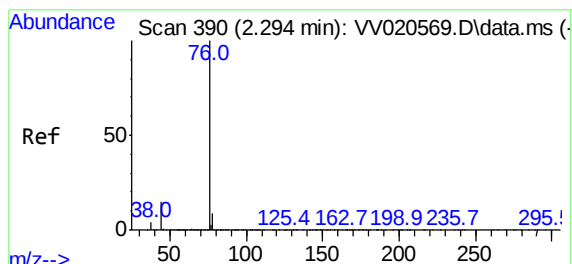
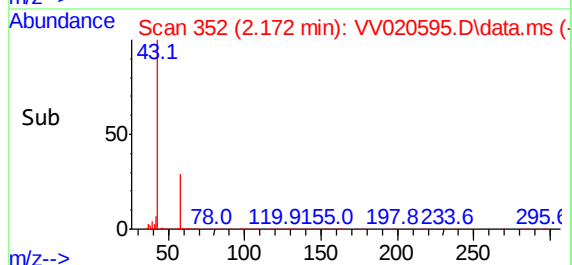
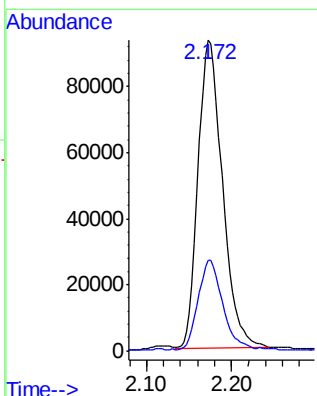
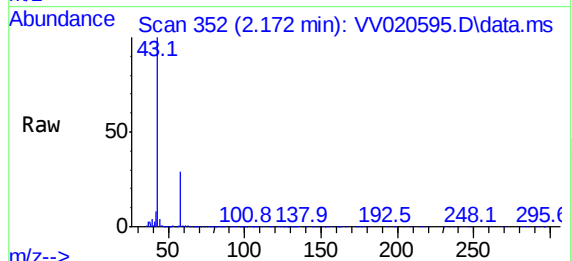




#13
Acetone
Concen: 99.01 ug/L
RT: 2.172 min Scan# 352
Delta R.T. -0.010 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

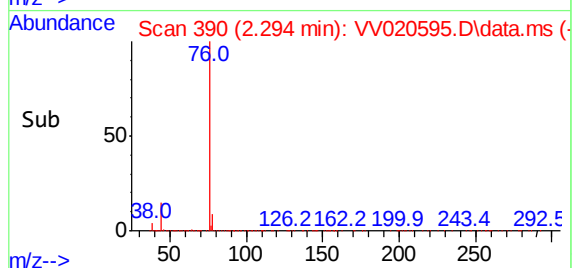
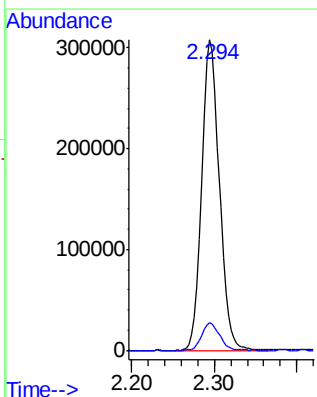
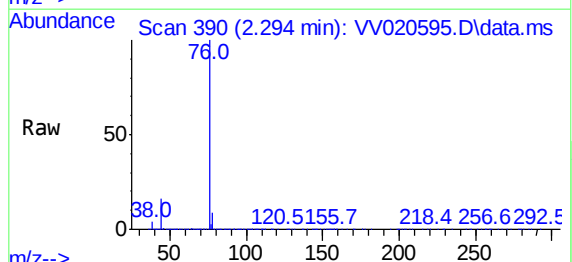
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ClientSampled :
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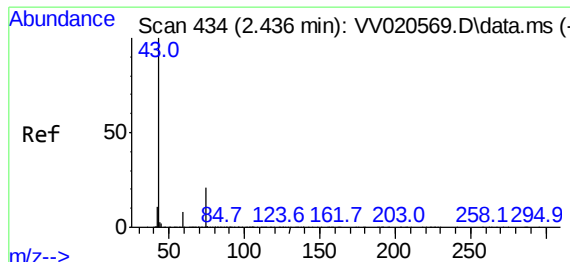
Tgt Ion: 43 Resp: 186132
Ion Ratio Lower Upper
43 100
58 28.9 0.0 60.2



#14
Carbon disulfide
Concen: 50.27 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 76 Resp: 457419
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

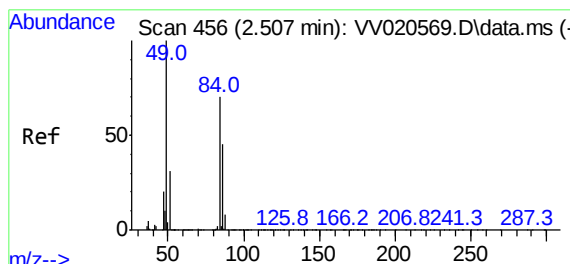
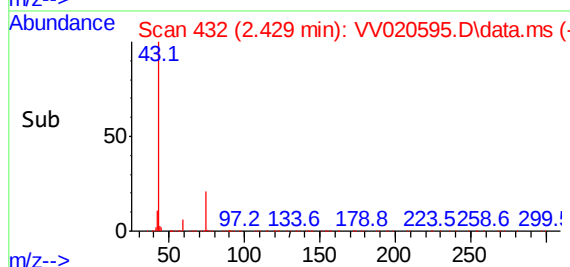
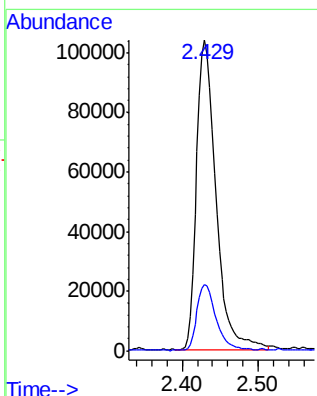
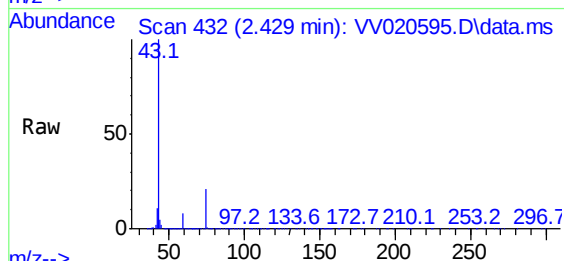




#15
Methyl Acetate
Concen: 51.30 ug/L
RT: 2.429 min Scan# 432
Delta R.T. -0.006 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

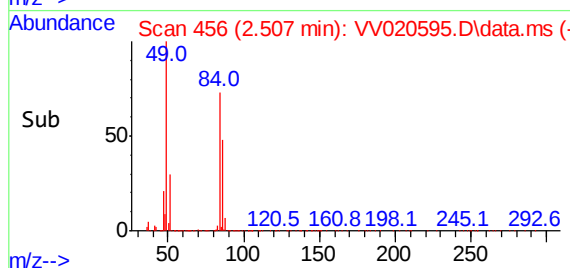
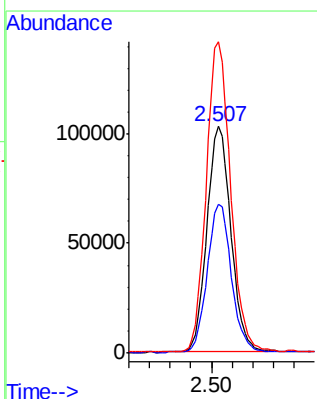
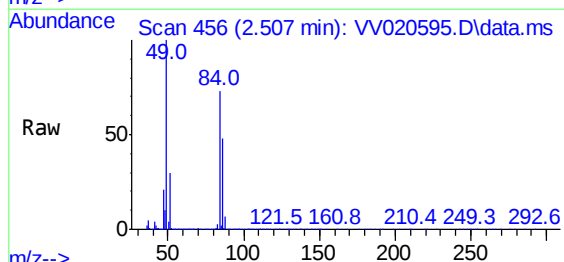
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

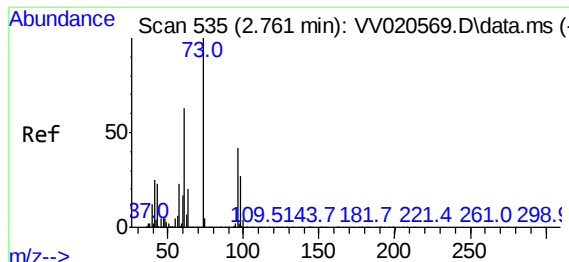
Tgt Ion: 43 Resp: 184690
Ion Ratio Lower Upper
43 100
74 20.6 17.6 26.4



#16
Methylene chloride
Concen: 48.12 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 84 Resp: 167338
Ion Ratio Lower Upper
84 100
86 65.7 44.6 82.8
49 137.5 94.6 175.8

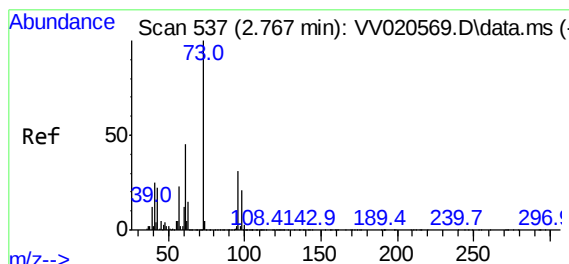
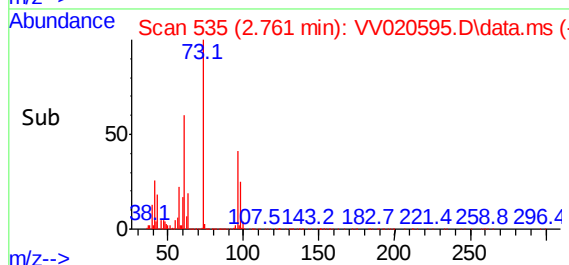
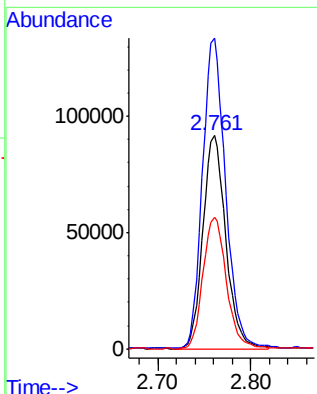
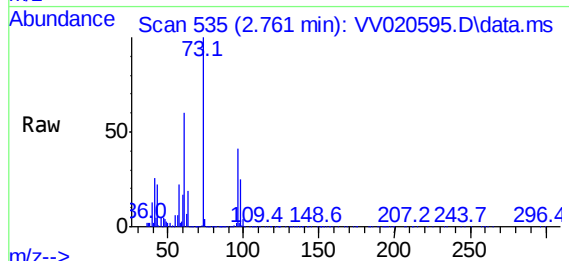




#17
trans-1,2-Dichloroethene
Concen: 49.03 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

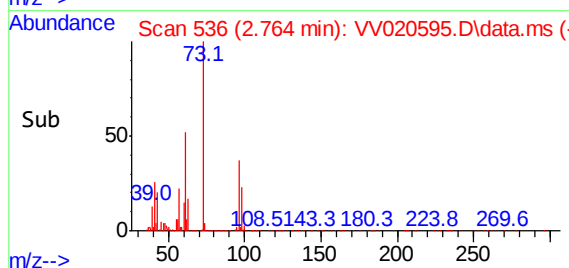
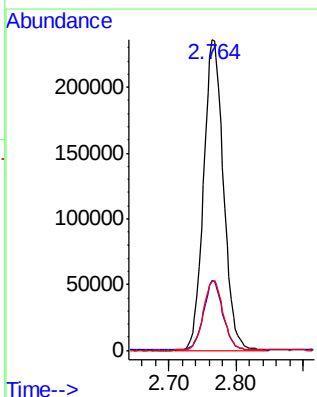
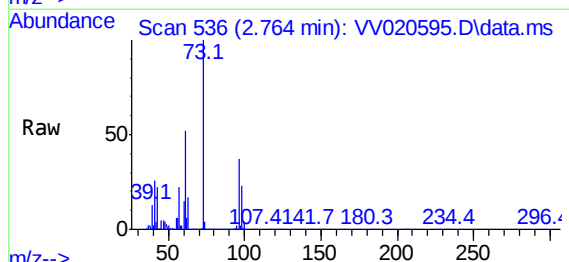
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

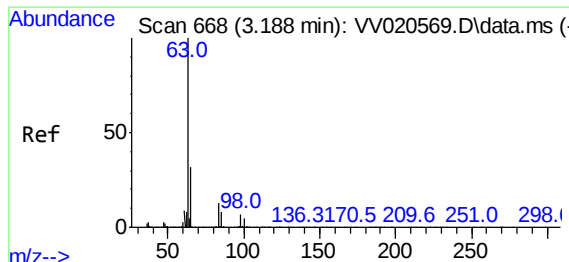
Tgt Ion: 96 Resp: 157193
Ion Ratio Lower Upper
96 100
61 145.6 103.1 191.5
98 61.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 49.85 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 73 Resp: 486031
Ion Ratio Lower Upper
73 100
43 21.7 17.3 25.9
57 22.4 17.9 26.9

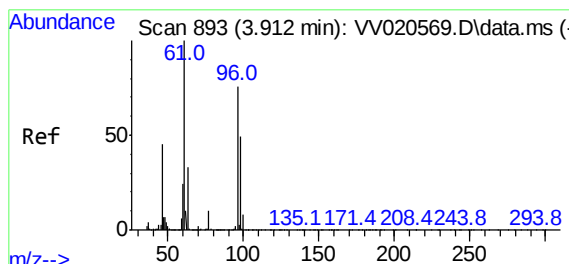
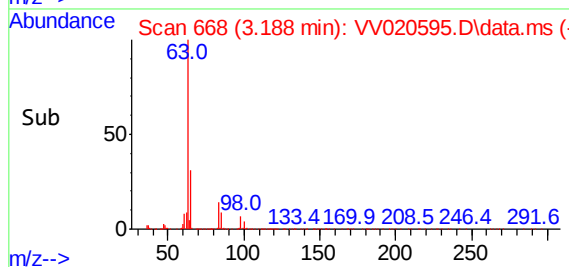
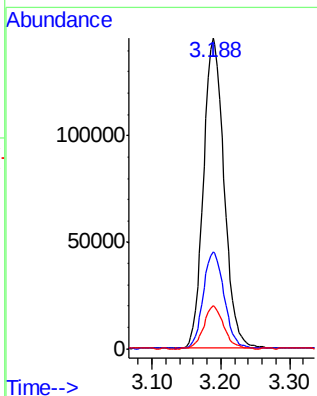
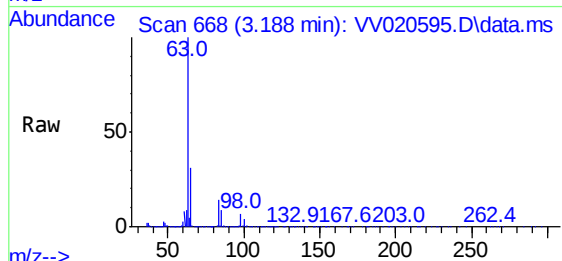




#19
1,1-Dichloroethane
Concen: 49.46 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

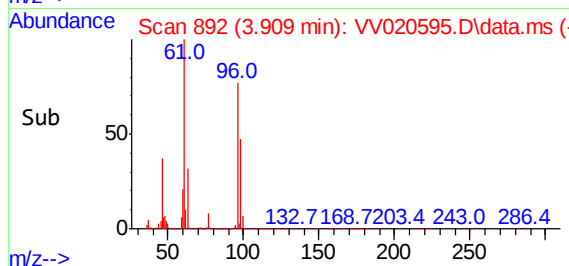
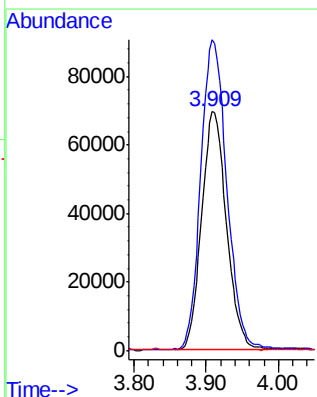
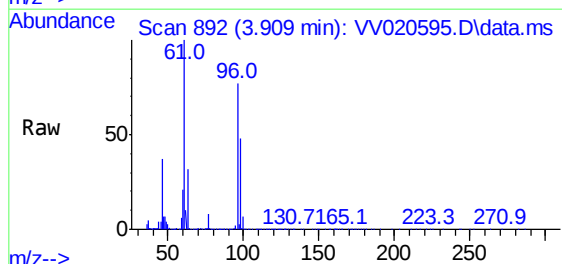
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

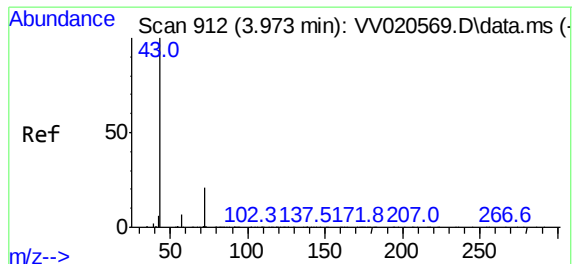
Tgt Ion: 63 Resp: 302587
Ion Ratio Lower Upper
63 100
65 31.2 21.9 40.7
83 13.8 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.00 ug/L
RT: 3.909 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 96 Resp: 165480
Ion Ratio Lower Upper
96 100
61 130.3 96.9 179.9
68 0.5 0.0 0.0#

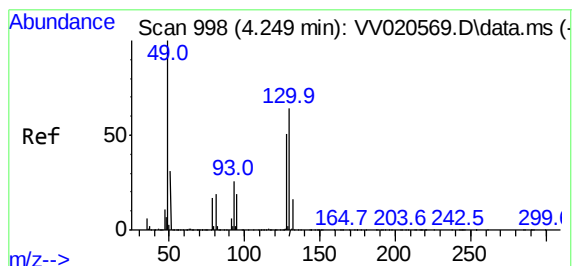
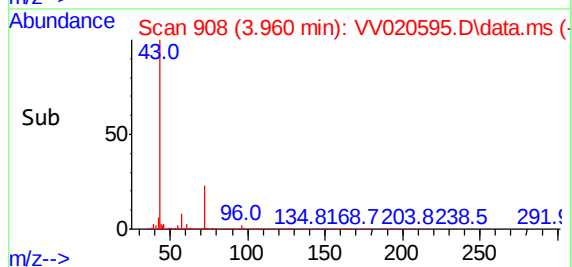
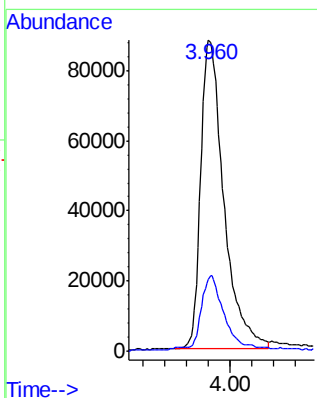
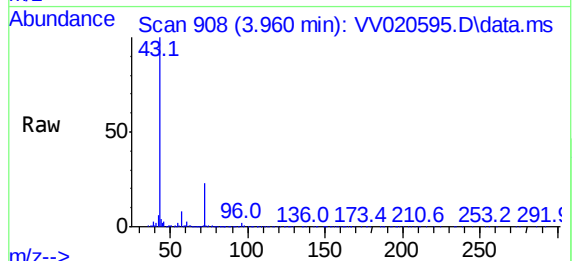




#22
2-Butanone
Concen: 100.53 ug/L
RT: 3.960 min Scan# 908
Delta R.T. -0.013 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

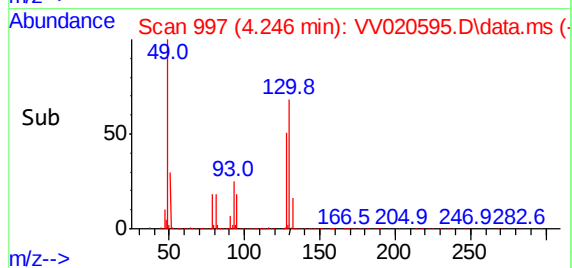
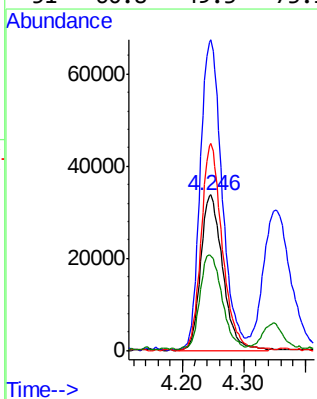
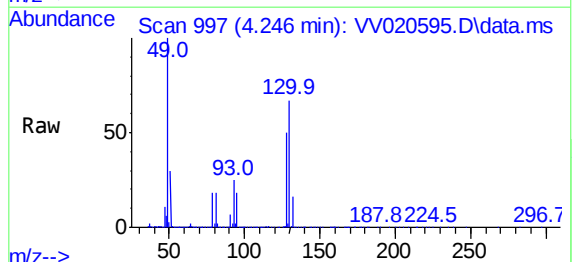
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

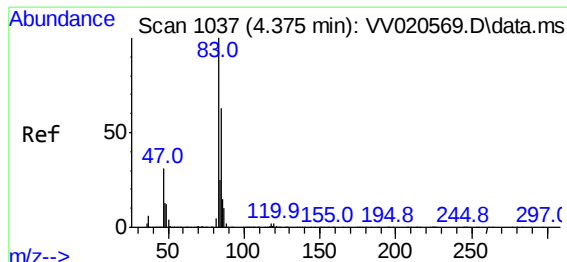
Tgt Ion: 43 Resp: 261393
Ion Ratio Lower Upper
43 100
72 20.4 12.2 36.6



#23
Bromochloromethane
Concen: 50.87 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 128 Resp: 84013
Ion Ratio Lower Upper
128 100
49 200.0 133.1 247.1
130 133.5 89.0 165.4
51 60.8 49.3 73.9

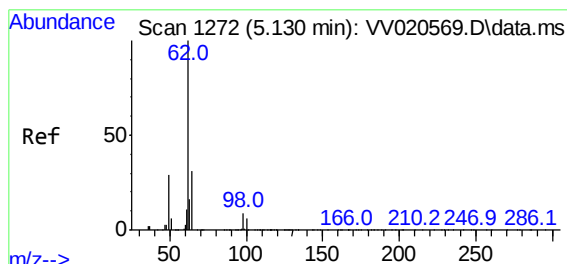
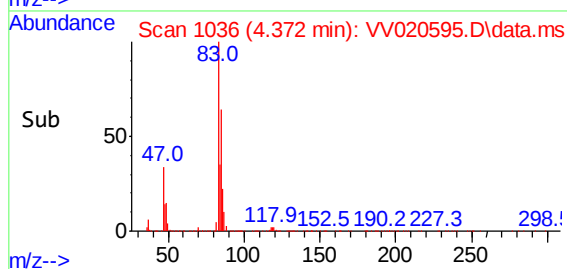
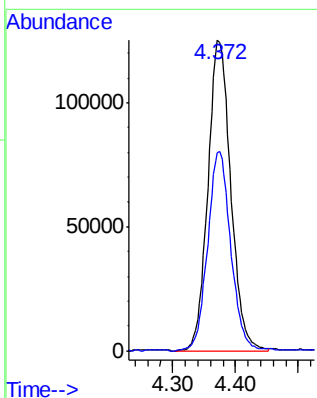
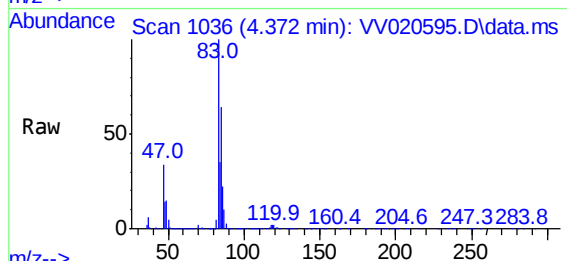




#25
Chloroform
Concen: 49.46 ug/L
RT: 4.372 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

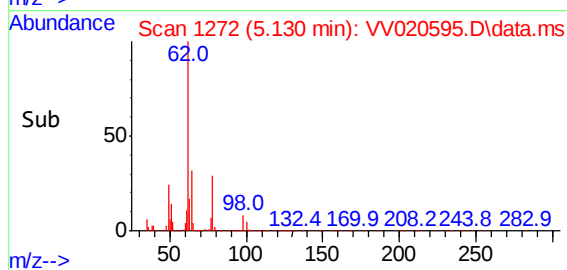
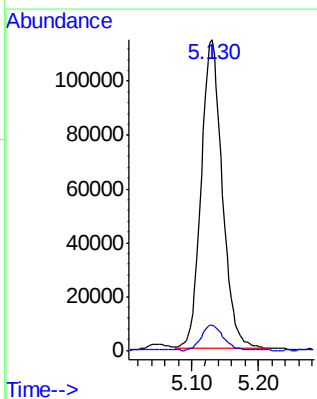
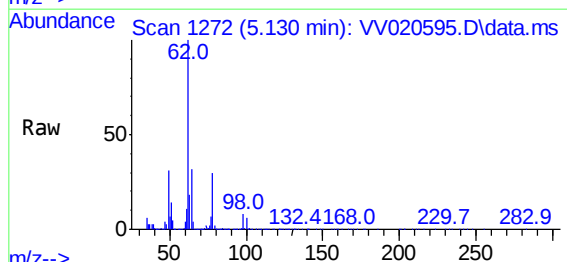
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

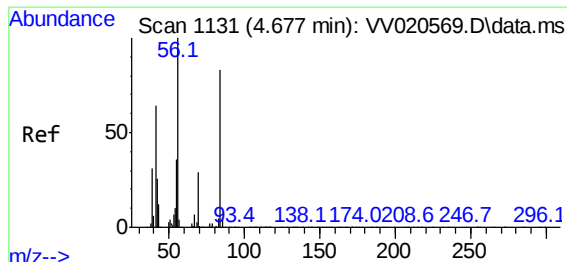
Tgt Ion: 83 Resp: 315999
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2



#27
1,2-Dichloroethane
Concen: 49.92 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 62 Resp: 251929
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3



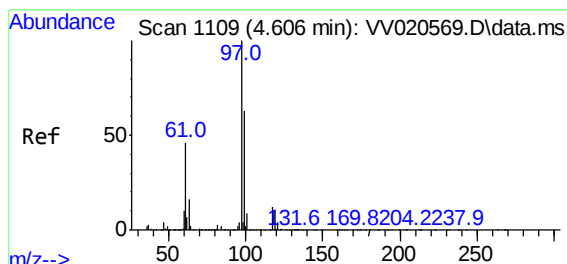
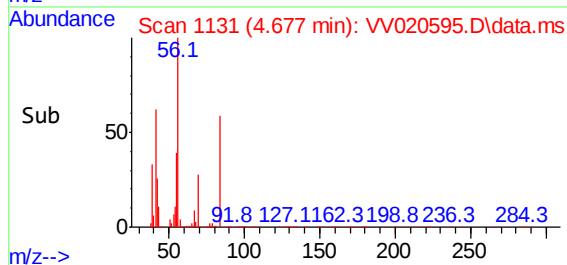
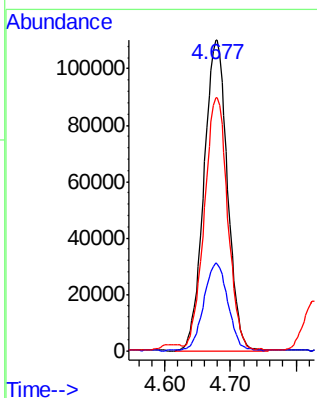
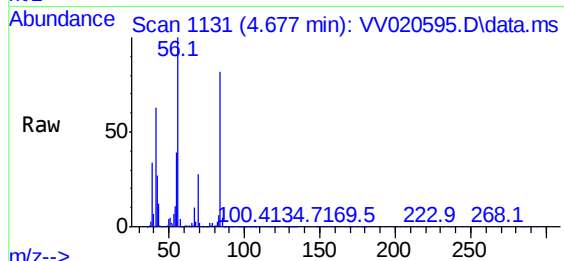


#29
Cyclohexane
Concen: 50.88 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion: 56 Resp: 273955

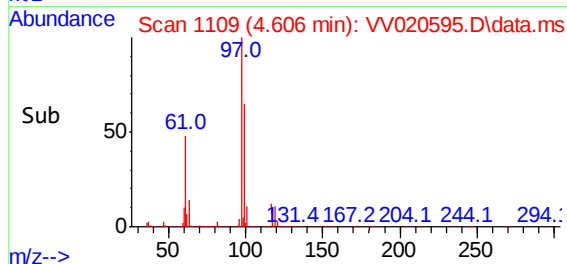
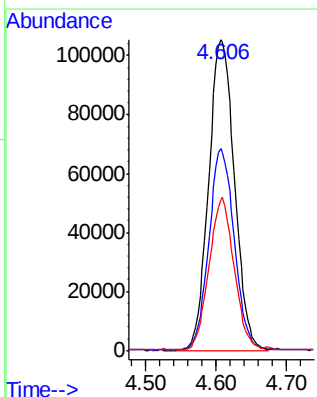
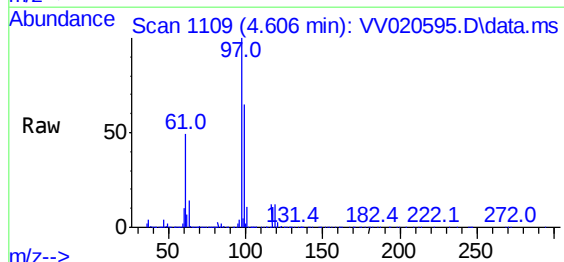
Ion	Ratio	Lower	Upper
56	100		
69	29.1	24.2	36.2
84	81.3	66.3	99.5

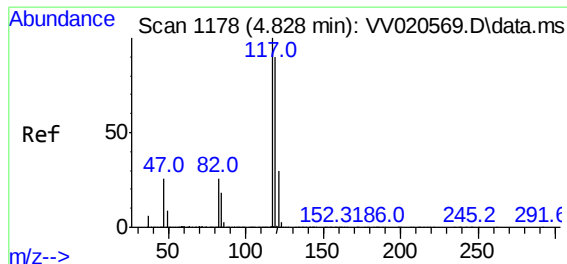


#30
1,1,1-Trichloroethane
Concen: 50.50 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 97 Resp: 268360

Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.2	76.8
61	47.1	38.5	57.7

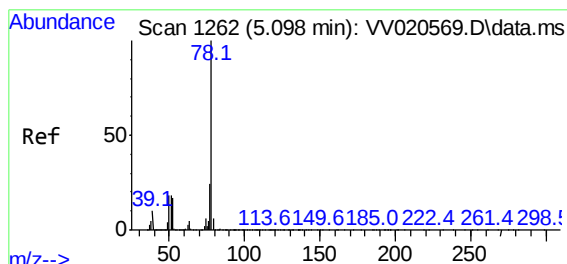
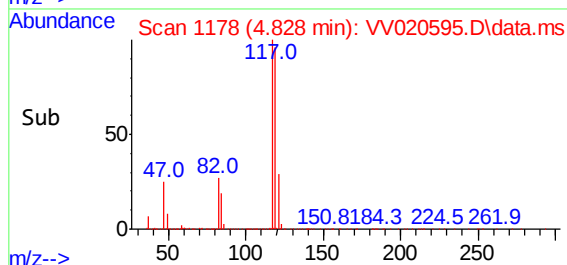
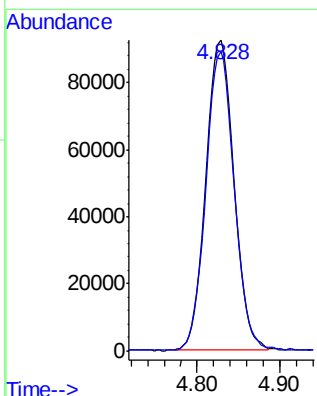
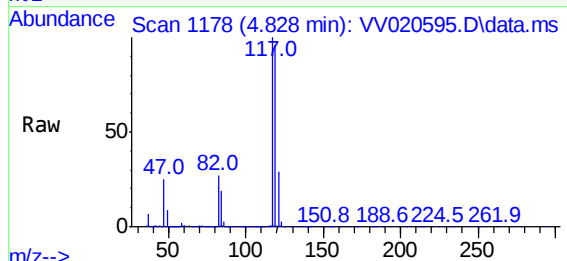




#31
Carbon tetrachloride
Concen: 50.20 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

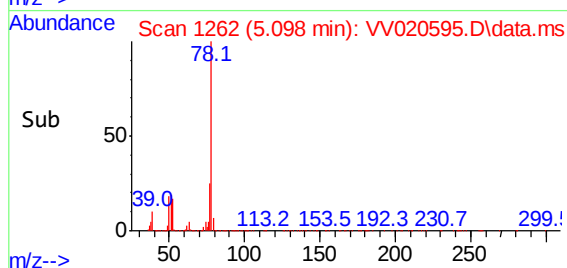
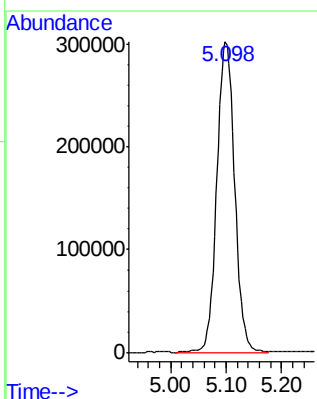
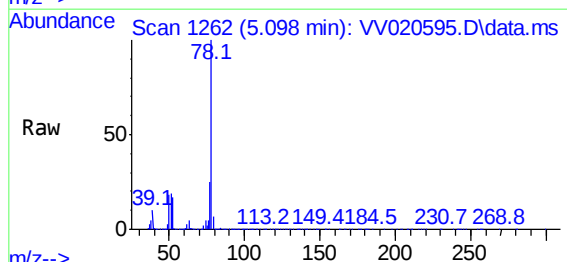
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

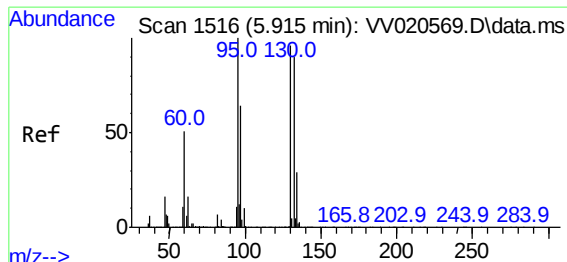
Tgt Ion:117 Resp: 216720
Ion Ratio Lower Upper
117 100
119 98.3 76.3 114.5



#33
Benzene
Concen: 50.75 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 78 Resp: 673295



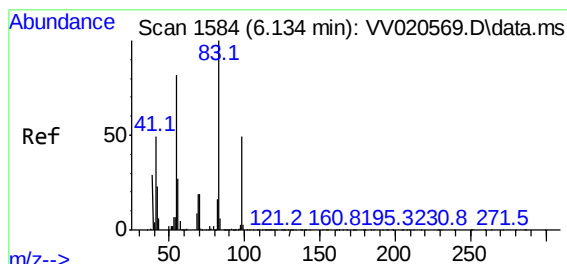
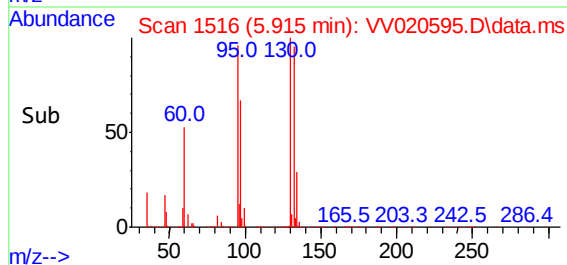
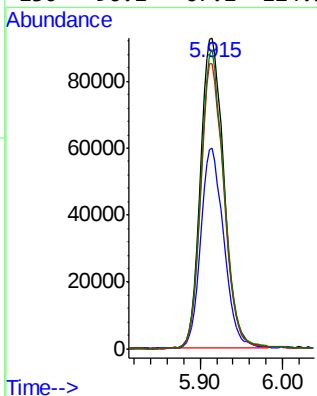
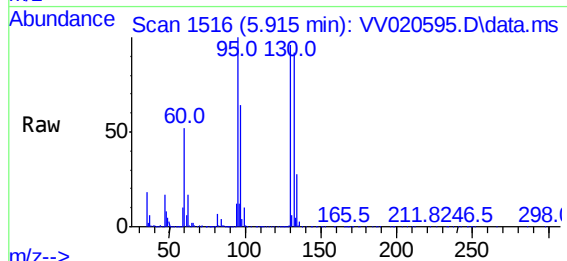


#34
Trichloroethene
Concen: 48.72 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion: 95 Resp: 182357

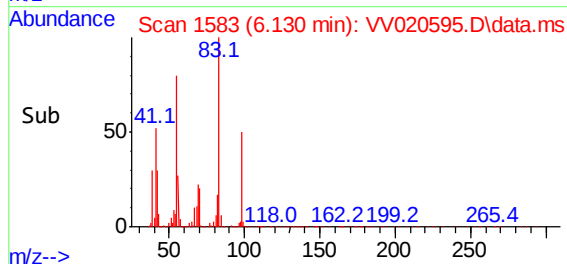
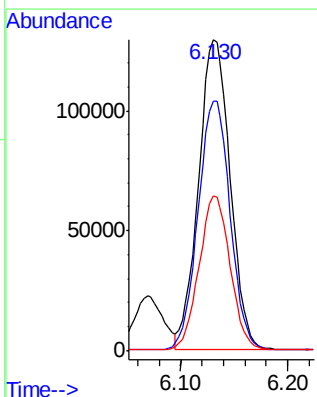
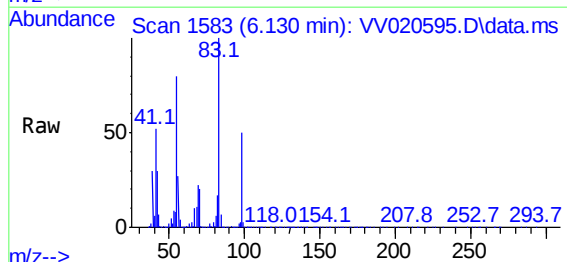
Ion	Ratio	Lower	Upper
95	100		
97	64.5	44.5	82.7
132	91.6	63.4	117.8
130	96.1	67.1	124.5

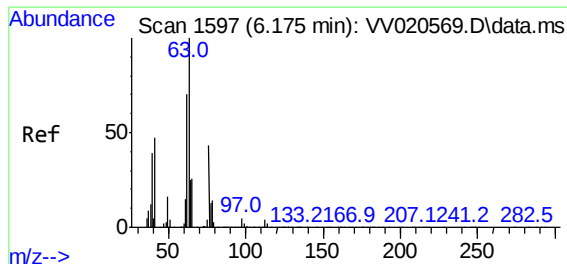


#35
Methylcyclohexane
Concen: 51.34 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 83 Resp: 264111

Ion	Ratio	Lower	Upper
83	100		
55	81.7	65.1	97.7
98	49.1	38.2	57.2

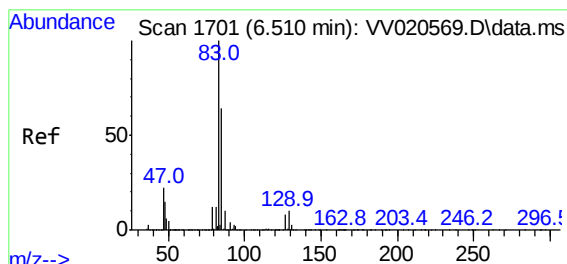
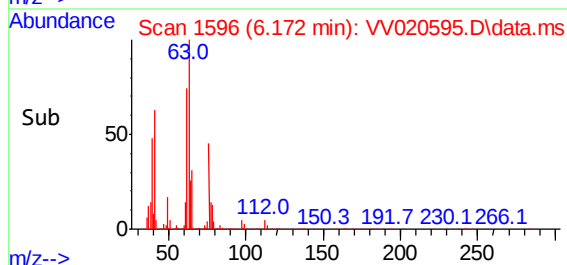
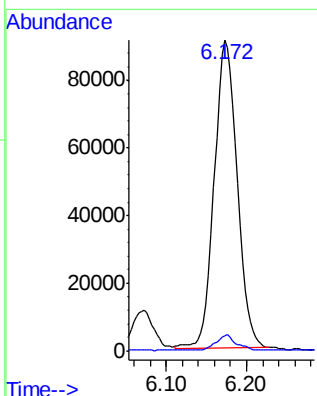
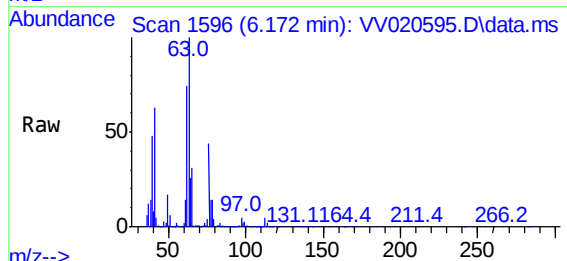




#37
1,2-Dichloropropane
Concen: 50.99 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

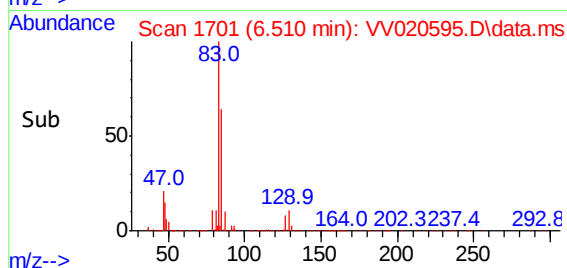
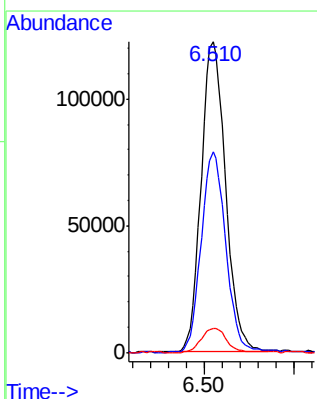
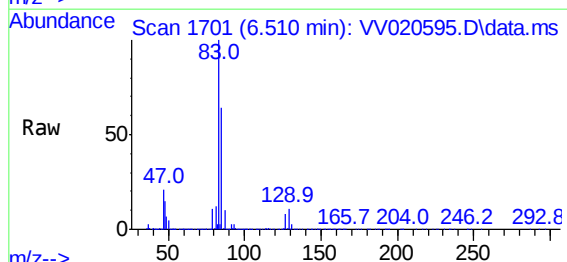
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

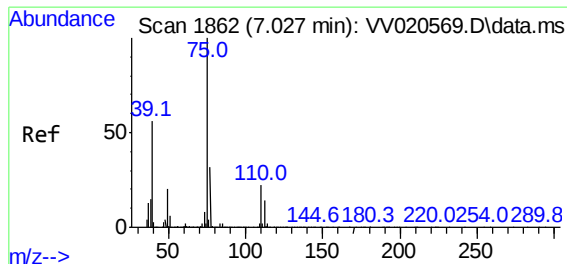
Tgt Ion: 63 Resp: 176622
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 50.00 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 83 Resp: 228046
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
127 7.8 6.3 9.5

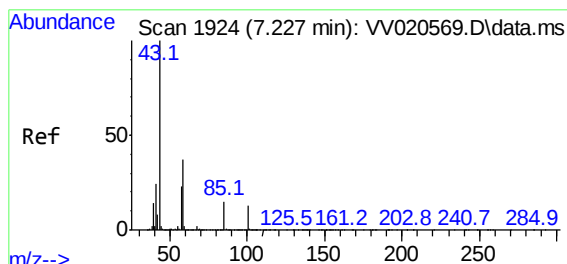
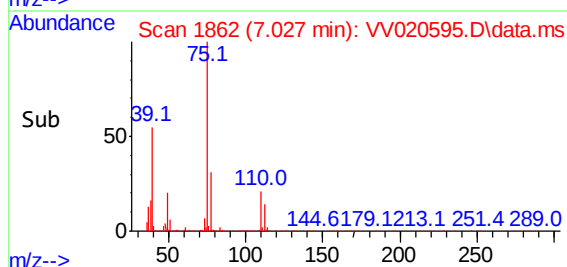
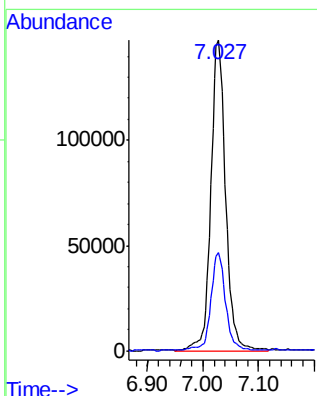
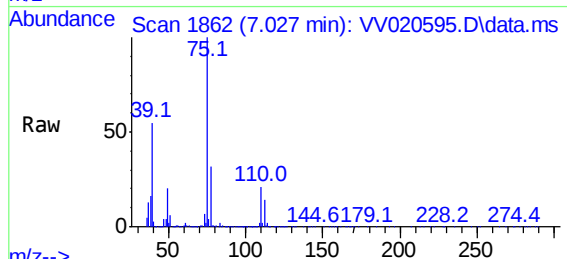




#39
 cis-1,3-Dichloropropene
 Concen: 52.82 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.000 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

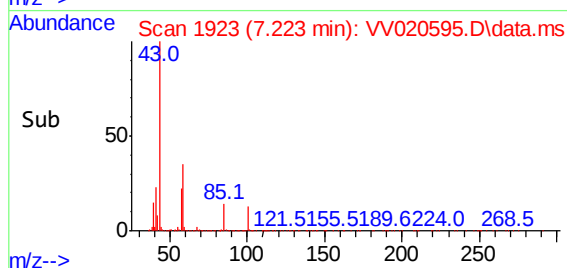
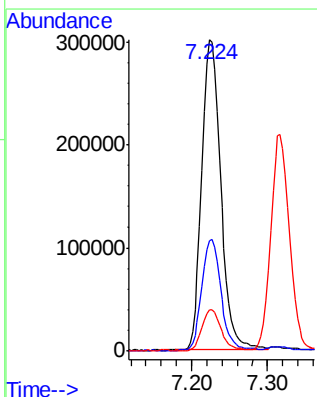
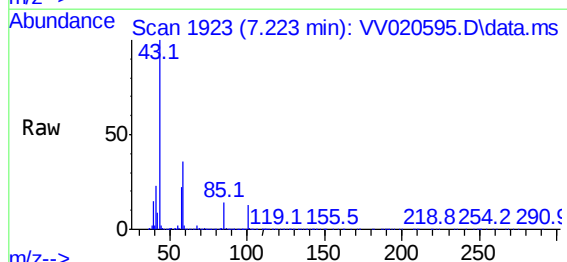
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

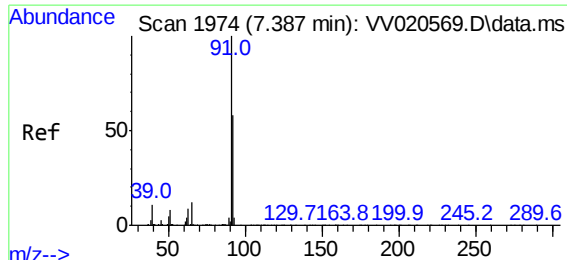
Tgt Ion: 75 Resp: 271377
 Ion Ratio Lower Upper
 75 100
 77 31.5 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 100.74 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.003 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

Tgt Ion: 43 Resp: 524816
 Ion Ratio Lower Upper
 43 100
 58 35.6 30.7 46.1
 100 13.1 11.6 17.4





#42

Toluene

Concen: 51.32 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV020595.D

Acq: 15 Mar 2021 09:32

Tgt Ion: 91 Resp: 710707

Ion Ratio Lower Upper

91 100

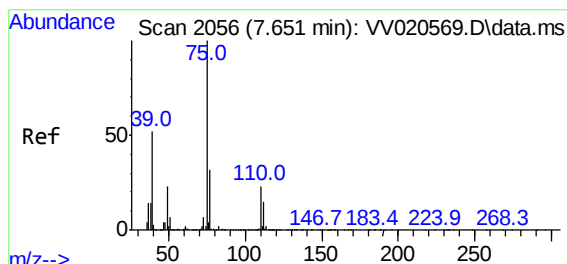
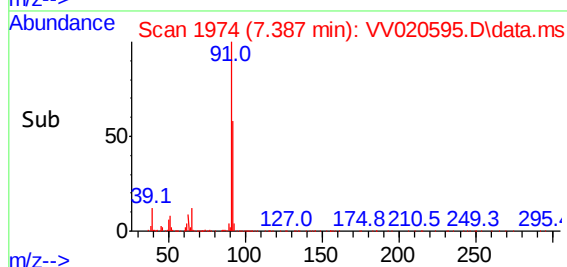
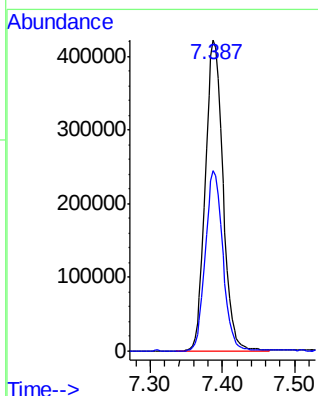
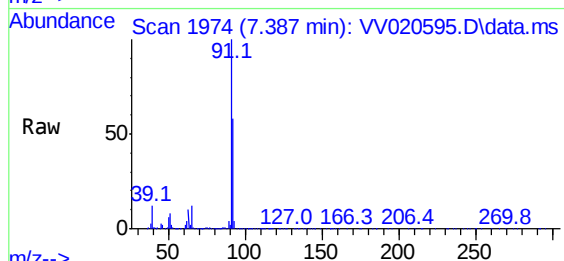
92 57.9 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05076



#44

trans-1,3-Dichloropropene

Concen: 51.23 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV020595.D

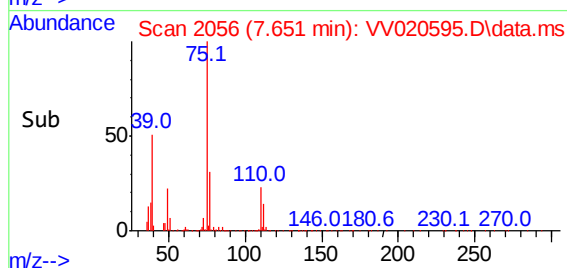
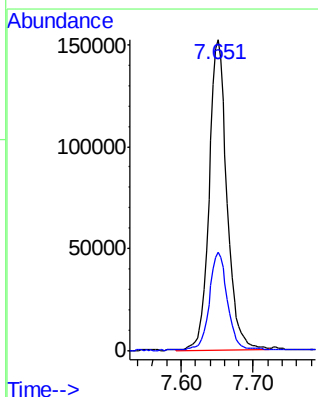
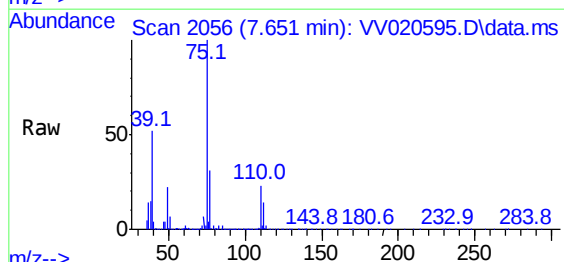
Acq: 15 Mar 2021 09:32

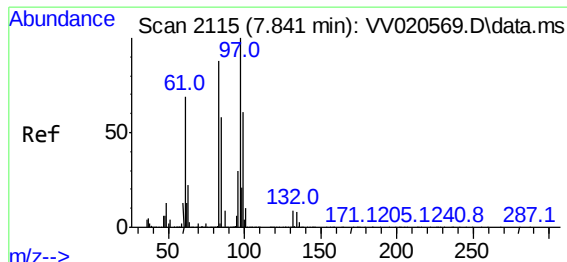
Tgt Ion: 75 Resp: 258745

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0



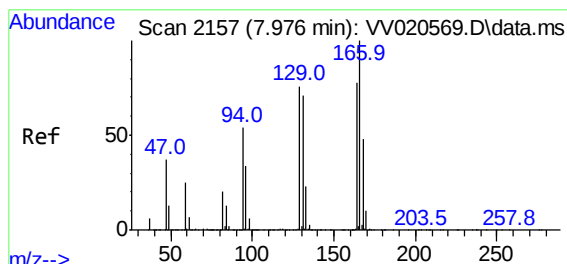
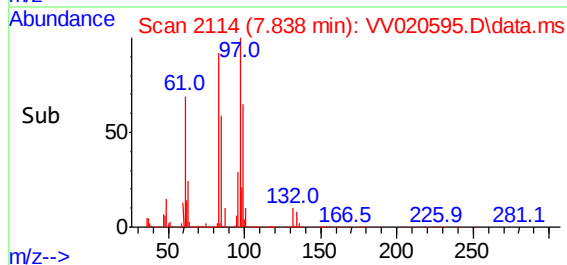
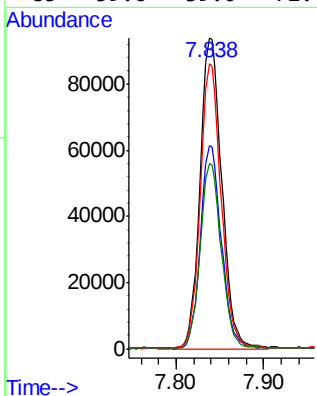
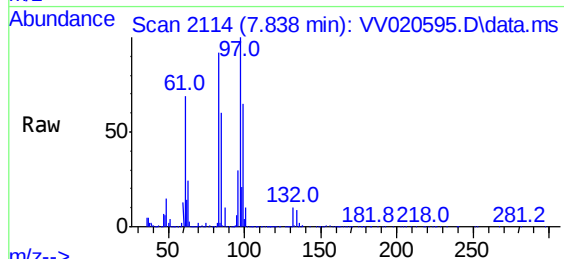


#45
1,1,2-Trichloroethane
Concen: 50.09 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion: 97 Resp: 161678

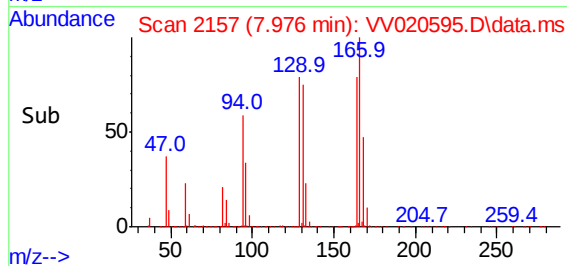
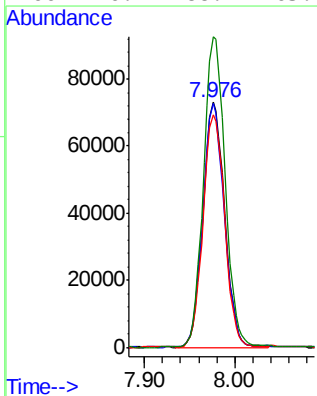
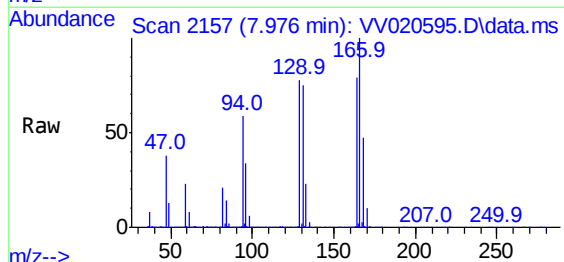
Ion	Ratio	Lower	Upper
97	100		
99	65.3	43.8	81.3
83	92.0	62.2	115.4
85	59.6	39.0	72.4

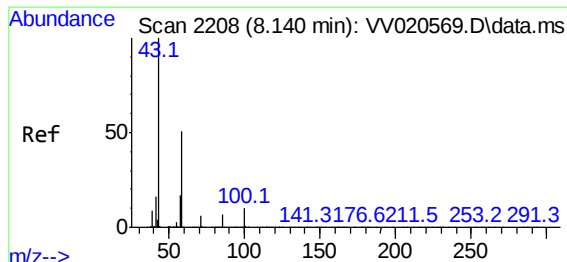


#46
Tetrachloroethene
Concen: 50.55 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 164 Resp: 121407

Ion	Ratio	Lower	Upper
164	100		
129	99.6	70.6	131.0
131	94.8	66.8	124.0
166	126.9	88.2	163.8



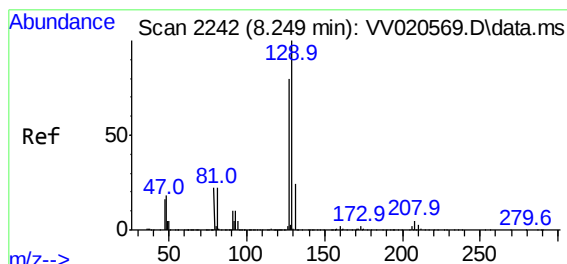
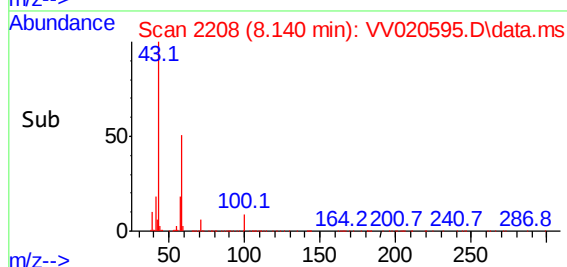
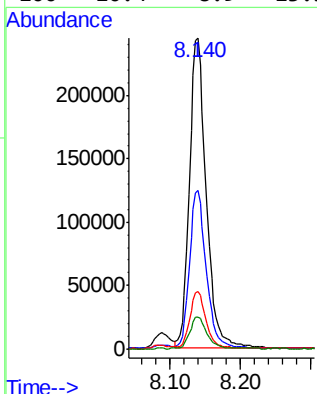
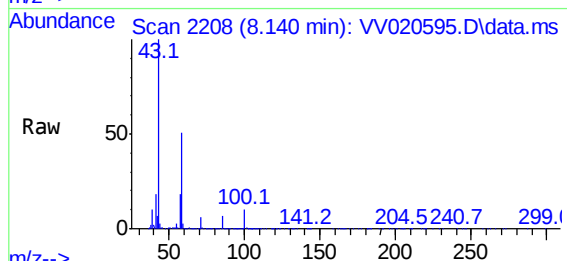


#48
2-Hexanone
Concen: 99.12 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion: 43 Resp: 403309

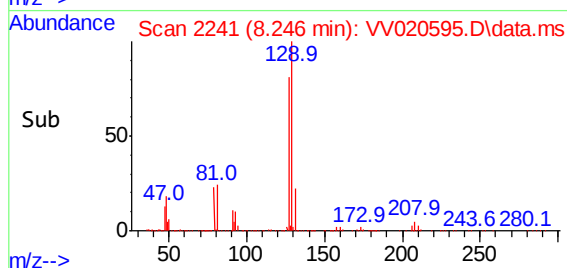
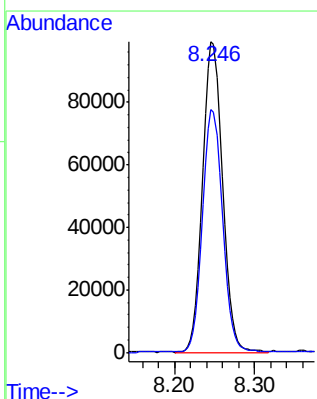
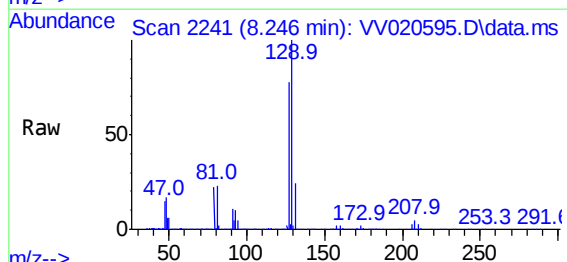
Ion	Ratio	Lower	Upper
43	100		
58	49.5	41.8	62.6
57	17.2	15.0	22.4
100	10.4	8.9	13.3

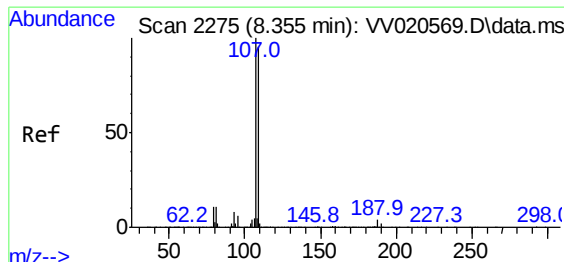


#49
Dibromochloromethane
Concen: 49.20 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 129 Resp: 165330

Ion	Ratio	Lower	Upper
129	100		
127	78.3	55.2	102.6

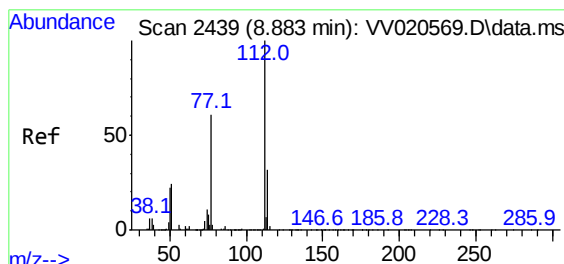
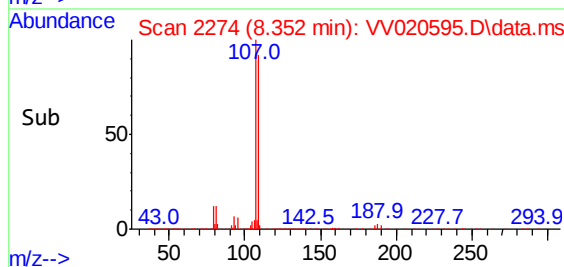
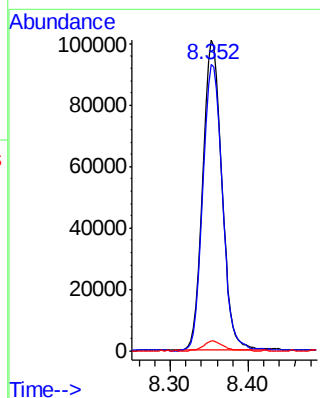
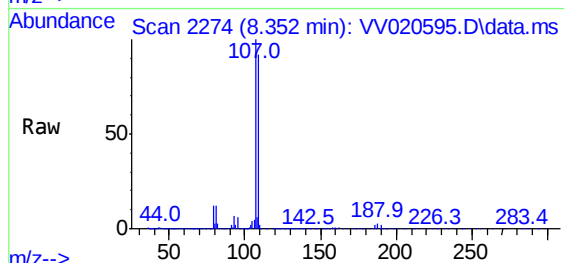




#50
1,2-Dibromoethane
Concen: 49.55 ug/L
RT: 8.352 min Scan# 2274
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

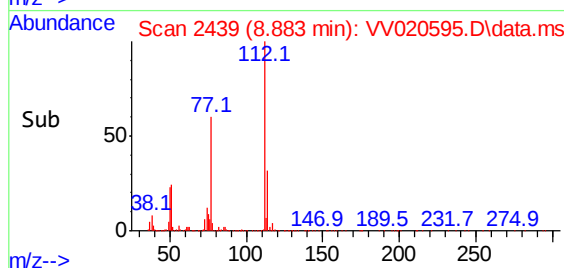
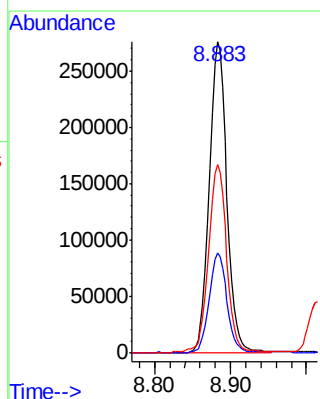
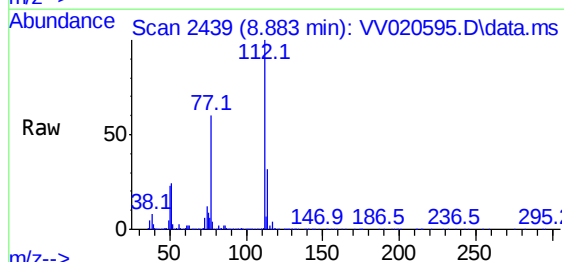
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

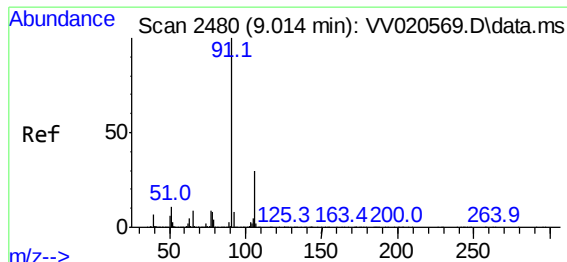
Tgt Ion:107 Resp: 171297
Ion Ratio Lower Upper
107 100
109 92.1 66.2 123.0
188 3.1 2.6 3.8



#51
Chlorobenzene
Concen: 49.09 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion:112 Resp: 439703
Ion Ratio Lower Upper
112 100
114 32.0 22.2 41.2
77 60.3 49.0 73.6

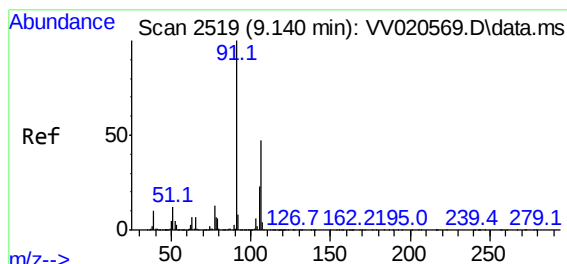
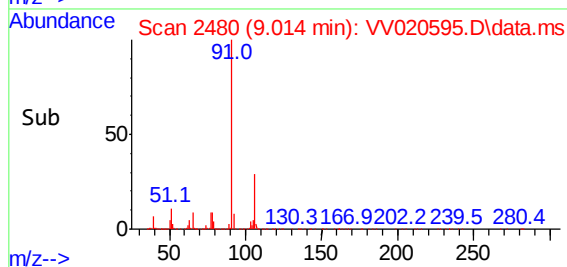
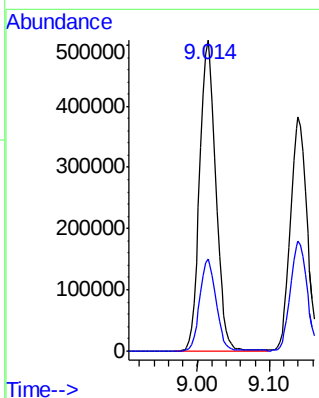
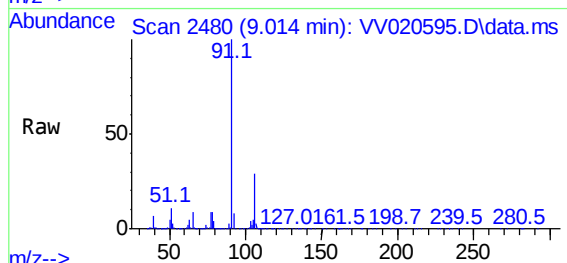




#52
Ethylbenzene
Concen: 50.49 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

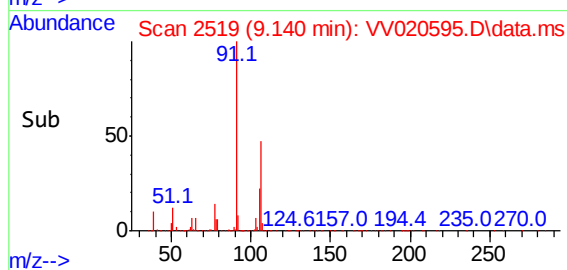
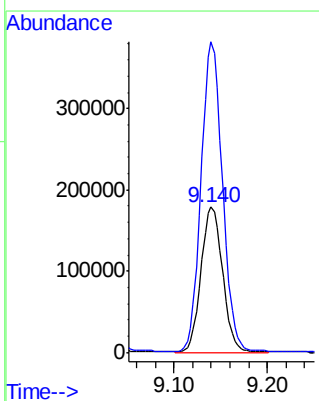
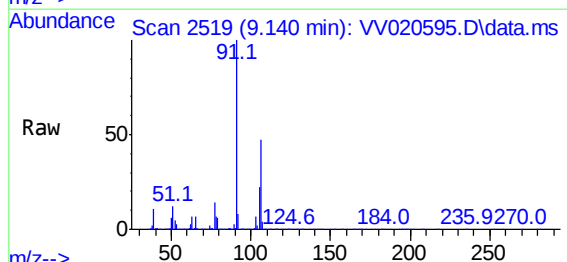
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

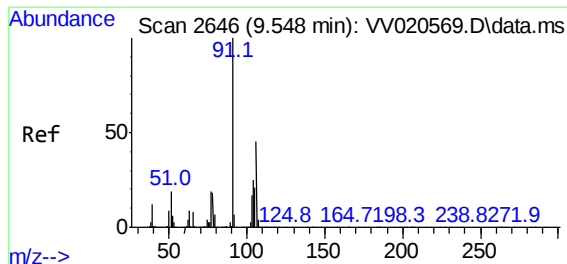
Tgt Ion: 91 Resp: 791639
Ion Ratio Lower Upper
91 100
106 29.4 21.0 39.0



#53
m,p-Xylene
Concen: 50.57 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 106 Resp: 289502
Ion Ratio Lower Upper
106 100
91 214.0 148.1 275.0

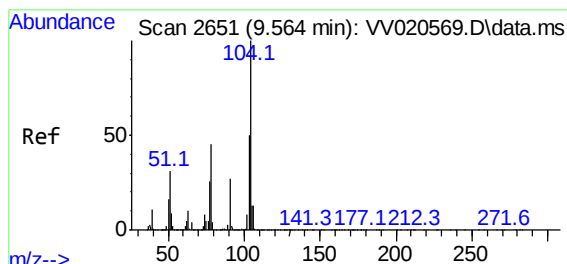
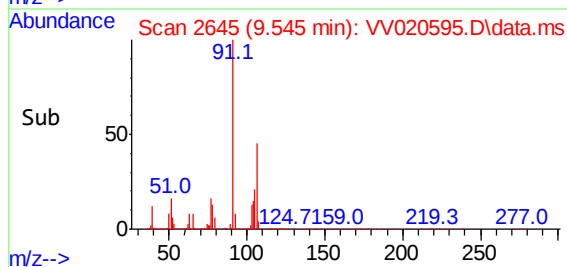
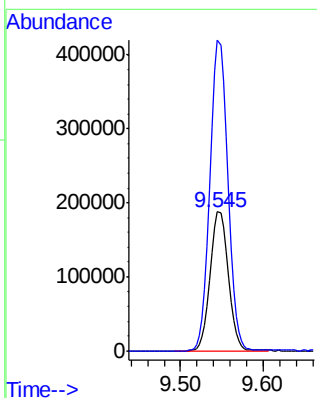
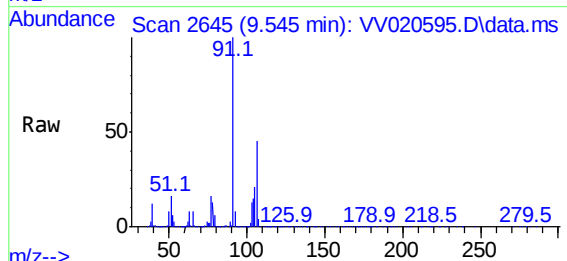




#54
o-xylene
Concen: 50.77 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.003 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

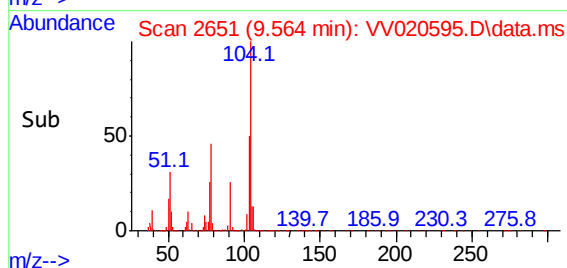
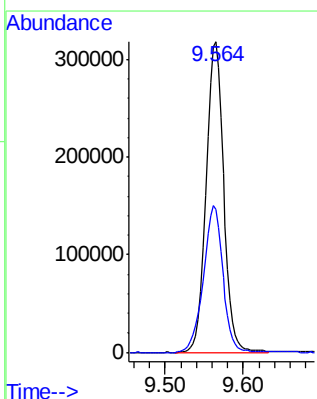
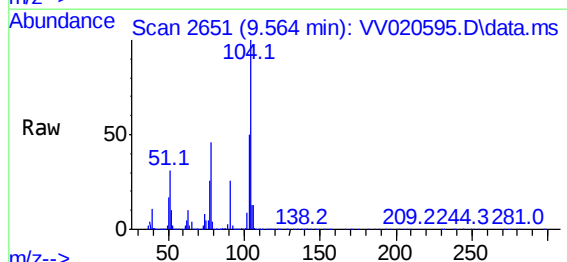
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

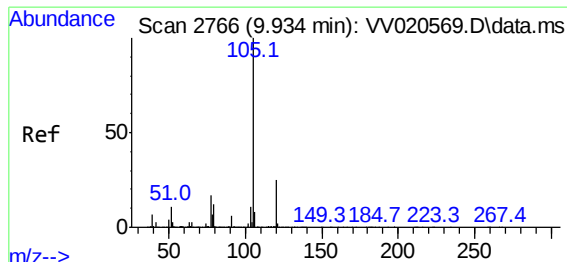
Tgt Ion:106 Resp: 281372
Ion Ratio Lower Upper
106 100
91 223.9 156.4 290.6



#55
Styrene
Concen: 52.02 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion:104 Resp: 503417
Ion Ratio Lower Upper
104 100
78 45.9 33.7 62.5

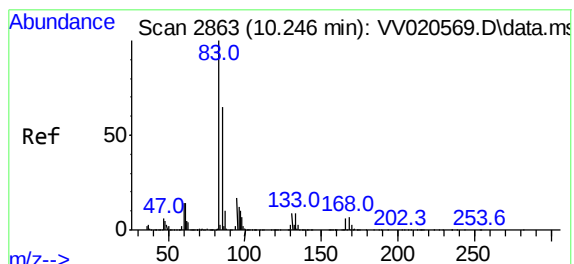
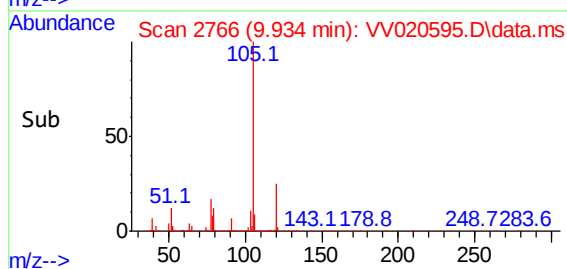
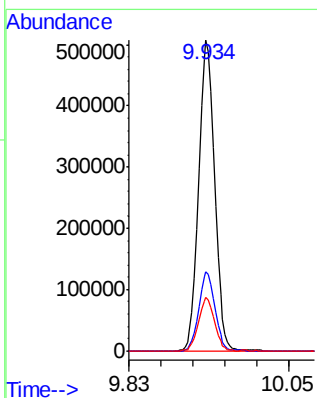
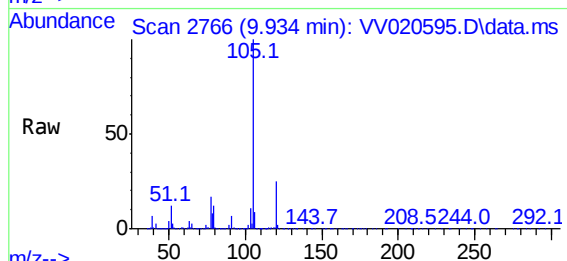




#56
Isopropylbenzene
Concen: 50.89 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

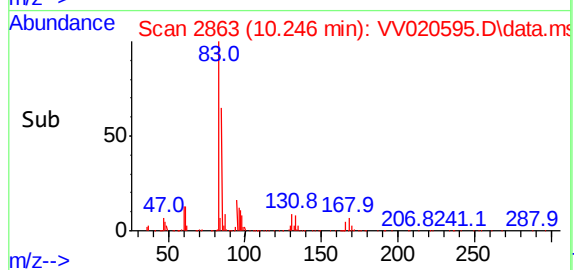
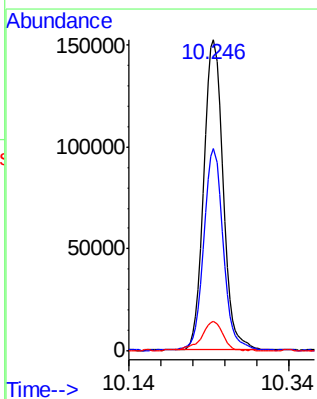
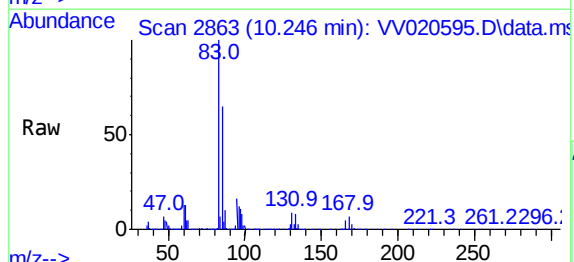
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

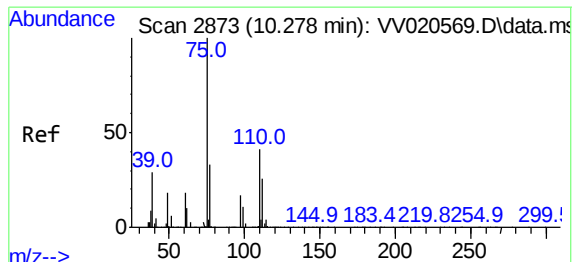
Tgt Ion:105 Resp: 763177
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7
77 16.8 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 50.90 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 83 Resp: 244017
Ion Ratio Lower Upper
83 100
85 64.9 44.3 82.3
131 9.3 7.3 10.9

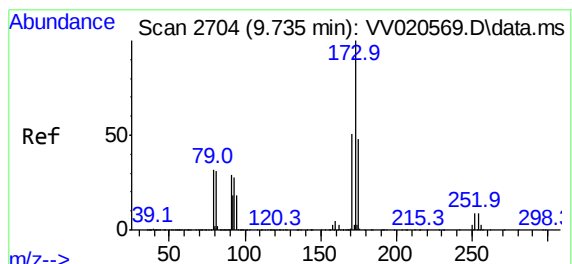
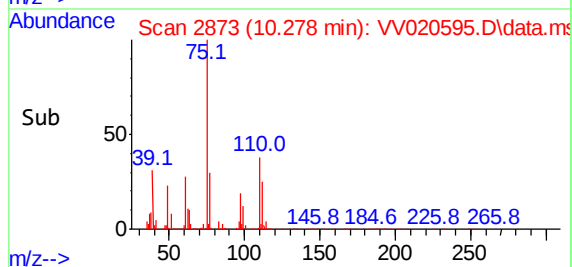
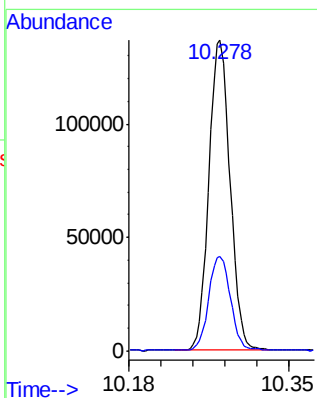
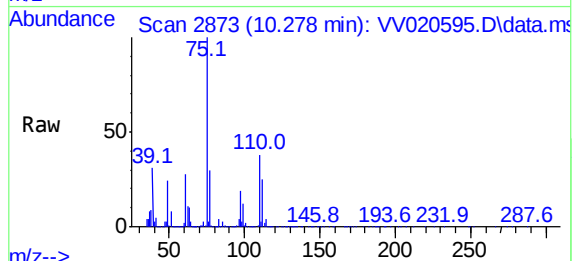




#59
1,2,3-Trichloropropane
Concen: 49.38 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

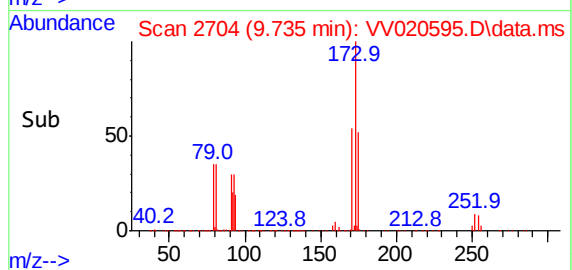
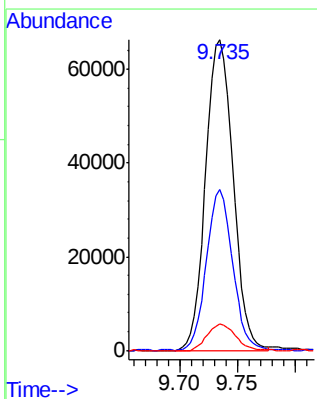
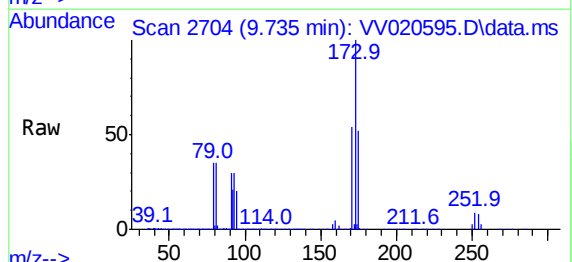
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

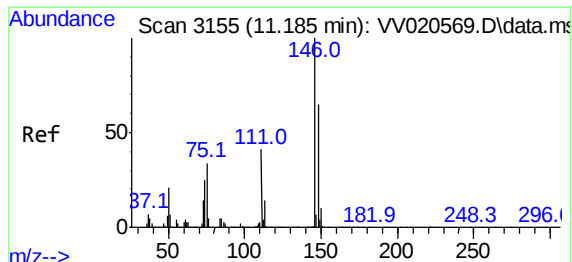
Tgt Ion: 75 Resp: 216768
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0



#61
Bromoform
Concen: 49.37 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion:173 Resp: 109278
Ion Ratio Lower Upper
173 100
175 49.3 38.6 57.8
254 8.6 6.5 9.7

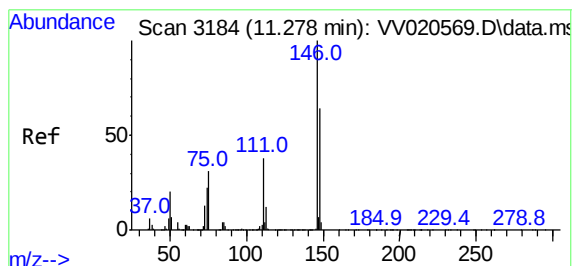
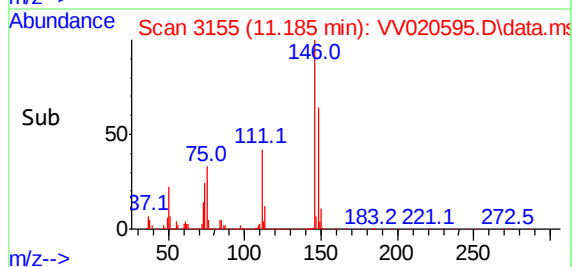
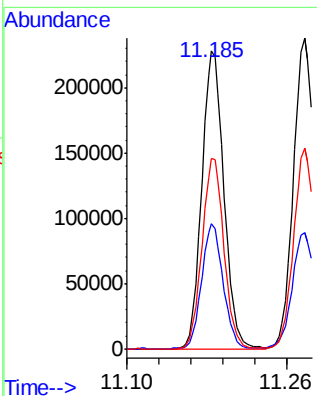
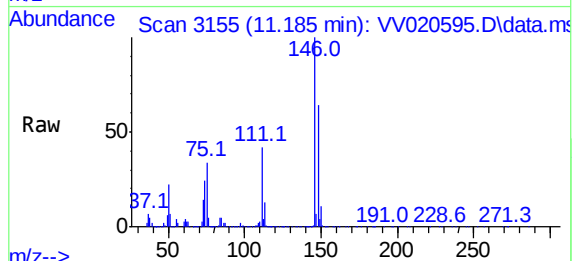




#62
1,3-Dichlorobenzene
Concen: 49.25 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

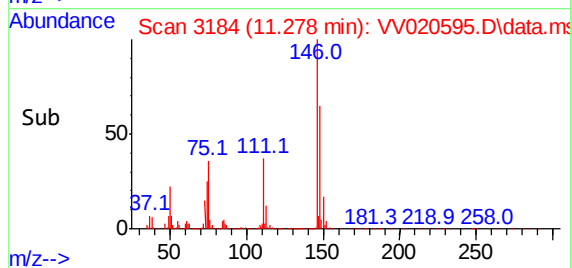
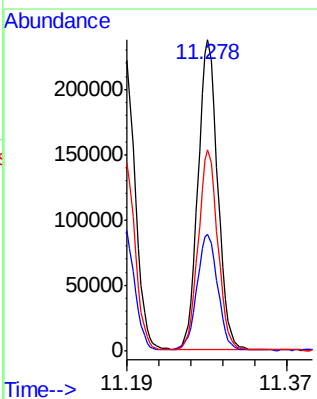
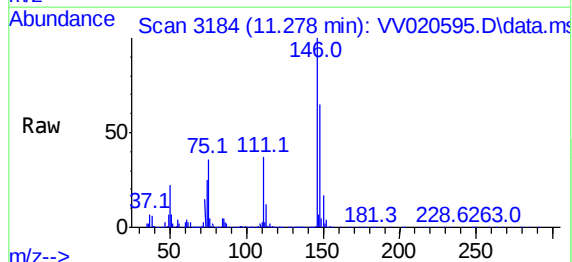
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

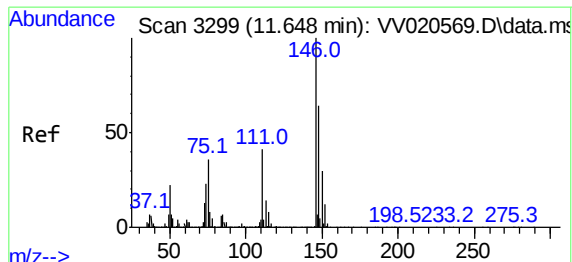
Tgt Ion:146 Resp: 349279
Ion Ratio Lower Upper
146 100
111 42.0 30.2 56.2
148 63.9 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 48.30 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion:146 Resp: 357536
Ion Ratio Lower Upper
146 100
111 37.5 29.4 54.6
148 64.6 44.7 83.1

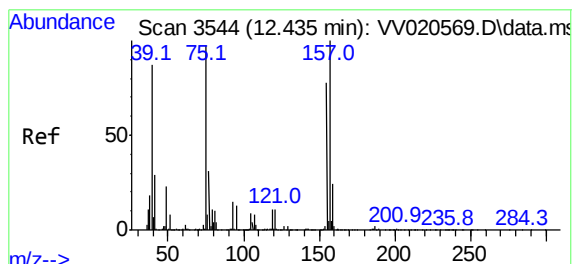
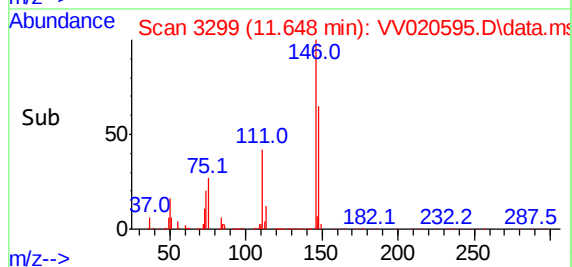
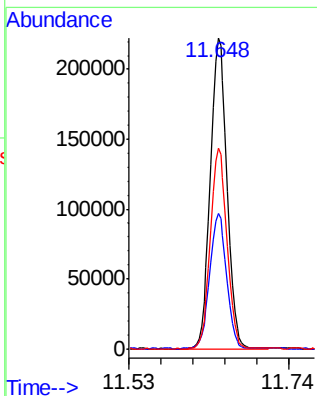
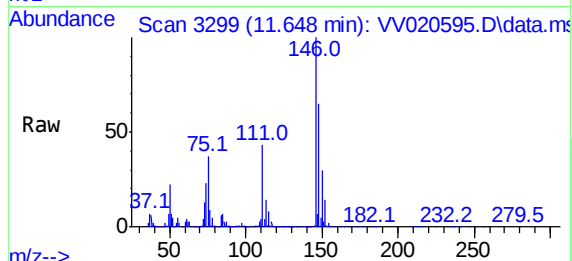




#65
1,2-Dichlorobenzene
Concen: 49.31 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

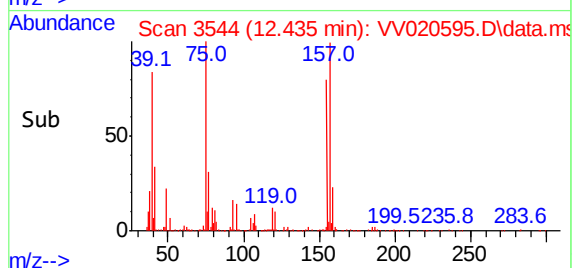
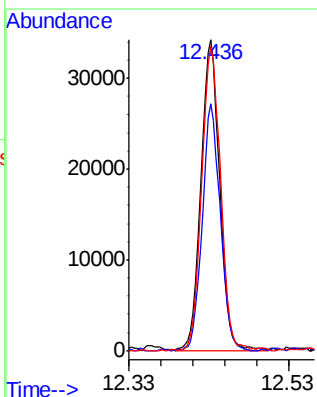
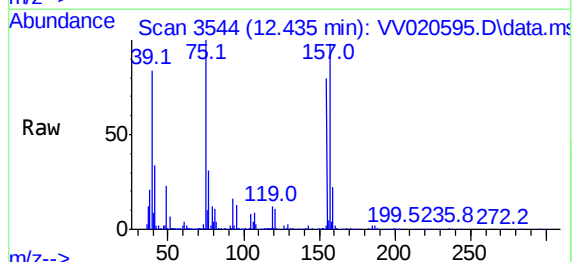
Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

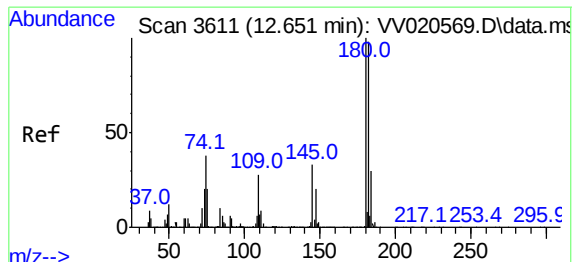
Tgt Ion:146 Resp: 348112
Ion Ratio Lower Upper
146 100
111 43.5 36.3 54.5
148 64.7 51.7 77.5



#66
1,2-Dibromo-3-chloropropane
Concen: 50.26 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion: 75 Resp: 53580
Ion Ratio Lower Upper
75 100
155 79.5 59.1 88.7
157 98.1 75.4 113.0

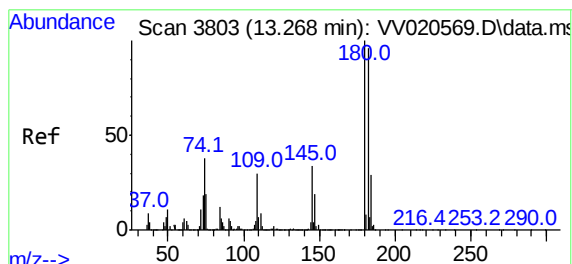
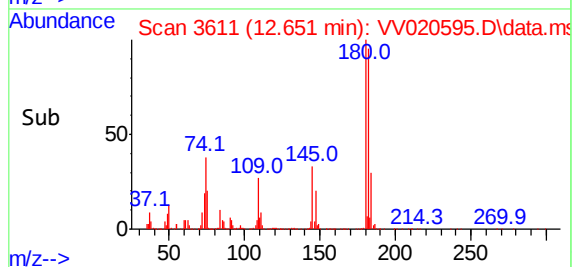
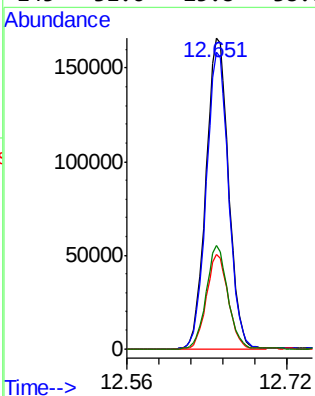
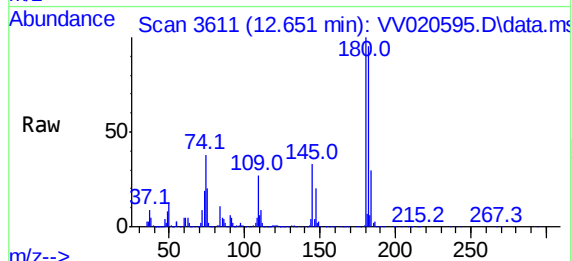




#67
 1,3,5-Trichlorobenzene
 Concen: 49.69 ug/L
 RT: 12.651 min Scan# 3611
 Delta R.T. 0.000 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

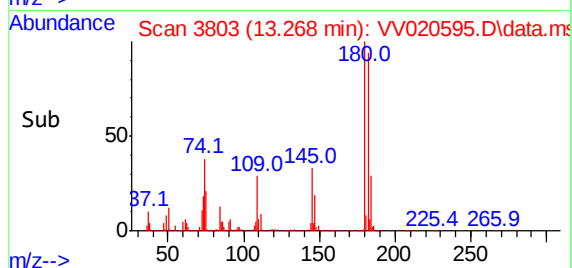
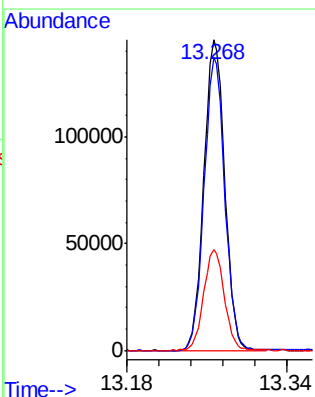
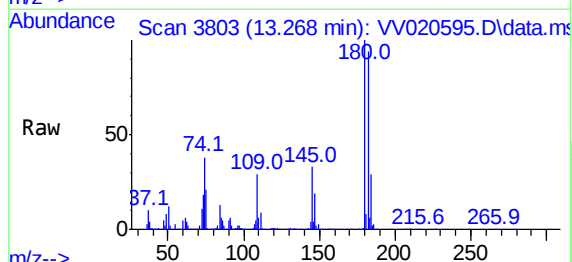
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05076

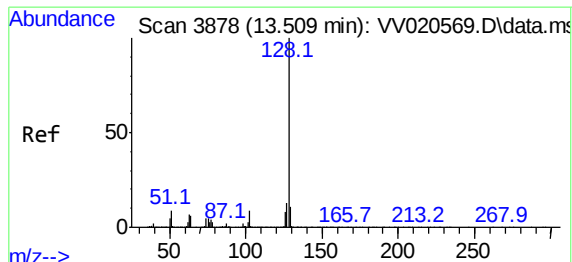
Tgt Ion:	180	Resp:	250989
Ion	Ratio	Lower	Upper
180	100		
182	94.9	75.0	112.6
184	29.4	24.0	36.0
145	31.6	25.8	38.6



#68
 1,2,4-trichlorobenzene
 Concen: 49.65 ug/L
 RT: 13.268 min Scan# 3803
 Delta R.T. 0.000 min
 Lab File: VV020595.D
 Acq: 15 Mar 2021 09:32

Tgt Ion:	180	Resp:	217719
Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.1	112.7
145	32.0	26.8	40.2

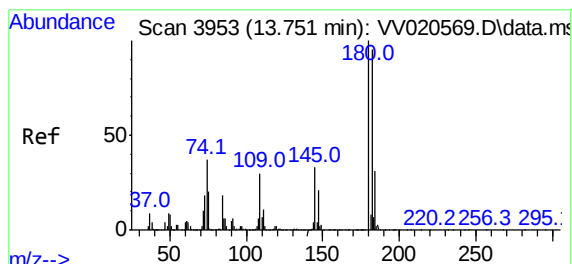
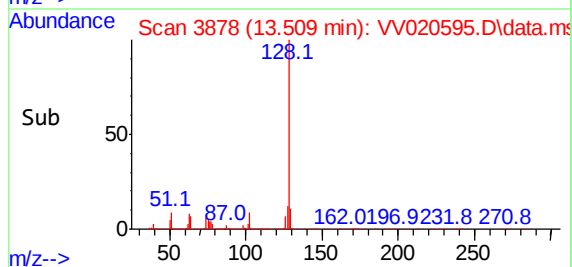
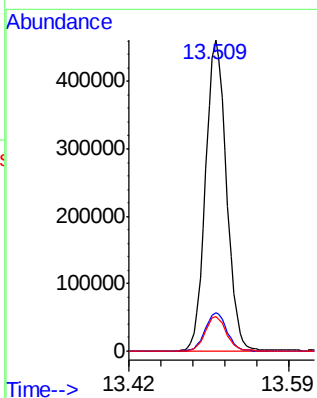
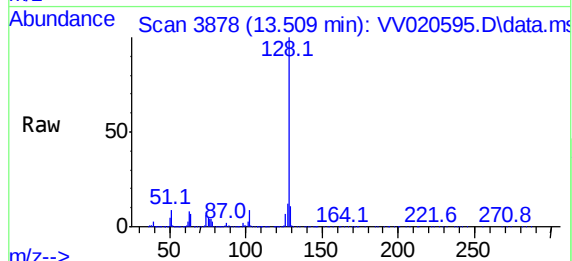




#69
Naphthalene
Concen: 48.57 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Instrument :
MSVOA_V
ClientSampleId :
VSTD05076

Tgt Ion:128 Resp: 692413
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.0 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 48.90 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020595.D
Acq: 15 Mar 2021 09:32

Tgt Ion:180 Resp: 212557
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
145 33.3 27.9 41.9

