

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032421\
 Data File : VW020723.D
 Acq On : 24 Mar 2021 09:34
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

Quant Time: Mar 25 03:07:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	750926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	733995	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	411200	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	234299	43.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.90%
7) Chloroethane-d5	1.571	69	180457	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.54%
11) 1,1-Dichloroethene-d2	2.111	63	459393	45.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.34%
21) 2-Butanone-d5	3.896	46	315788	91.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.05%
24) Chloroform-d	4.352	84	490519	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
26) 1,2-Dichloroethane-d4	5.034	65	319314	45.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.50%
32) Benzene-d6	5.053	84	902714	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
36) 1,2-Dichloropropane-d6	6.072	67	280748	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.48%
41) Toluene-d8	7.317	98	864436	47.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.94%
43) trans-1,3-Dichloroprop...	7.622	79	153777	48.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.24%
47) 2-Hexanone-d5	8.092	63	238638	94.76	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.76%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	397709	45.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.92%
64) 1,2-Dichlorobenzene-d4	11.632	152	365725	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	338787	48.15	ug/L	99
3) Chloromethane	1.243	50	264701	47.13	ug/L	100
5) Vinyl chloride	1.314	62	271861	47.39	ug/L	100
6) Bromomethane	1.523	94	179469	49.62	ug/L	97
8) Chloroethane	1.587	64	160718	48.49	ug/L	99
9) Trichlorofluoromethane	1.754	101	470256	47.95	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	230137	48.83	ug/L	99
12) 1,1-Dichloroethene	2.121	96	209995	47.92	ug/L	95
13) Acetone	2.188	43	243704	98.53	ug/L	99
14) Carbon disulfide	2.294	76	699024	48.24	ug/L	99
15) Methyl Acetate	2.436	43	249056	48.24	ug/L	99
16) Methylene chloride	2.510	84	255764	47.86	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	243808	48.52	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	766272	49.18	ug/L	99
19) 1,1-Dichloroethane	3.191	63	457609	49.02	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	262585	48.84	ug/L	95
22) 2-Butanone	3.976	43	367902	101.62	ug/L	97
23) Bromochloromethane	4.249	128	139044	48.04	ug/L	97
25) Chloroform	4.378	83	490159	49.36	ug/L	97
27) 1,2-Dichloroethane	5.133	62	394793	49.77	ug/L	98

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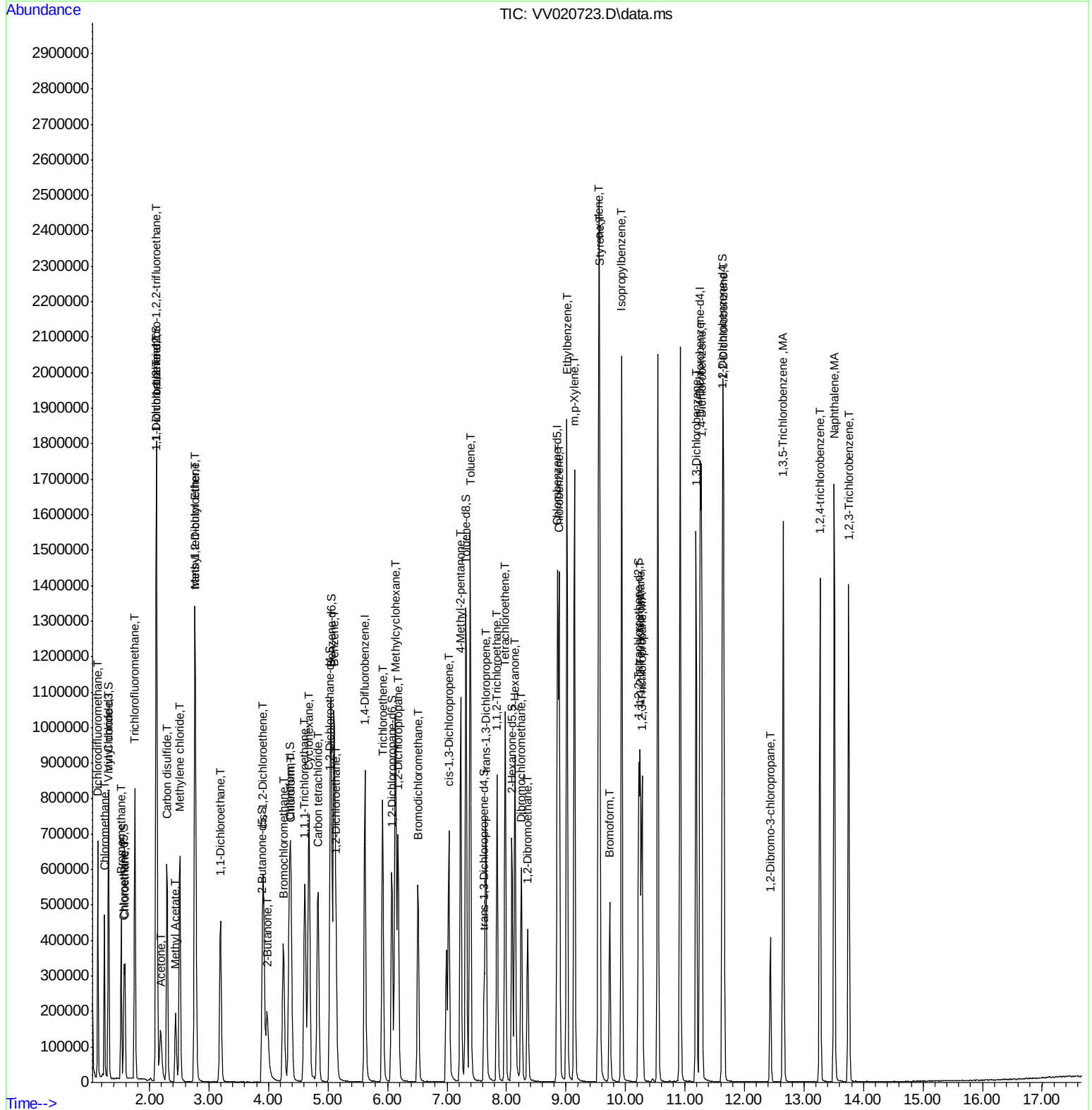
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

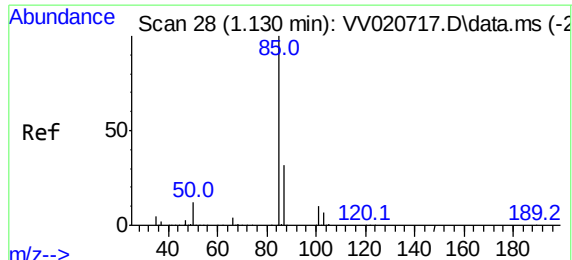
Quant Time: Mar 25 03:07:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:46:49 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	410331	49.43	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	454963	50.12	ug/L	99
31) Carbon tetrachloride	4.831	117	406143	50.09	ug/L	100
33) Benzene	5.101	78	1016946	50.23	ug/L	100
34) Trichloroethene	5.918	95	274618	49.48	ug/L	99
35) Methylcyclohexane	6.133	83	426779	50.12	ug/L	99
37) 1,2-Dichloropropane	6.175	63	263351	49.61	ug/L	100
38) Bromodichloromethane	6.513	83	370004	49.63	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	400777	48.90	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	706855	99.29	ug/L	99
42) Toluene	7.391	91	1115260	50.68	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	421605	51.08	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	256438	49.10	ug/L	98
46) Tetrachloroethene	7.979	164	231172	49.90	ug/L	98
48) 2-Hexanone	8.143	43	566199	104.18	ug/L	98
49) Dibromochloromethane	8.249	129	301780	49.60	ug/L	99
50) 1,2-Dibromoethane	8.355	107	274743	49.12	ug/L	100
51) Chlorobenzene	8.886	112	722194	48.89	ug/L	99
52) Ethylbenzene	9.014	91	1267591	50.48	ug/L	99
53) m,p-Xylene	9.140	106	469503	50.27	ug/L	98
54) o-xylene	9.548	106	454627	50.50	ug/L	98
55) Styrene	9.564	104	820303	51.86	ug/L	98
56) Isopropylbenzene	9.934	105	1270459	51.25	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	417370	48.99	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	335314	48.36	ug/L	98
61) Bromoform	9.735	173	228207	48.88	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	617906	49.24	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	636023	48.73	ug/L	99
65) 1,2-Dichlorobenzene	11.648	146	606930	49.08	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	98496	47.11	ug/L	92
67) 1,3,5-Trichlorobenzene	12.651	180	479985	49.35	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	424188	51.43	ug/L	99
69) Naphthalene	13.509	128	1265326	53.60	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	415967	50.37	ug/L	98

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

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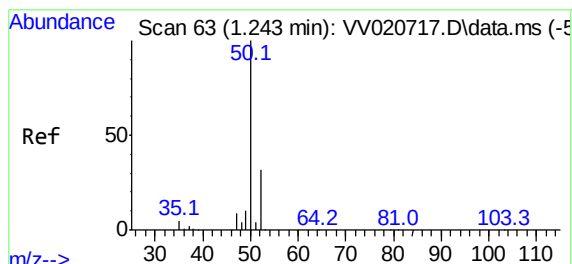
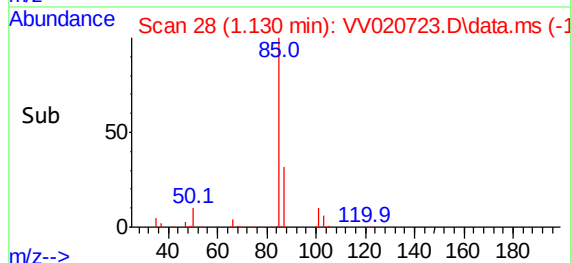
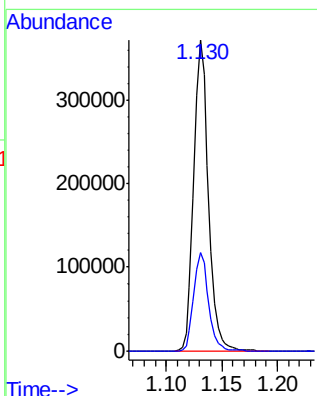
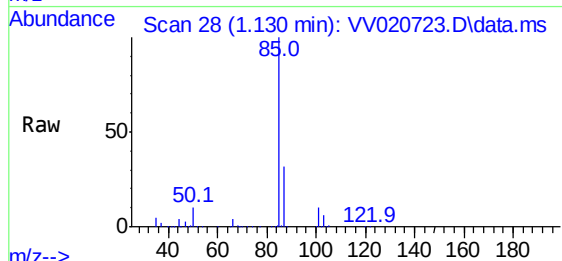


#2

Dichlorodifluoromethane
Concen: 48.15 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

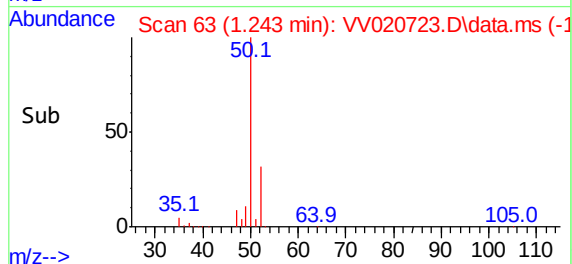
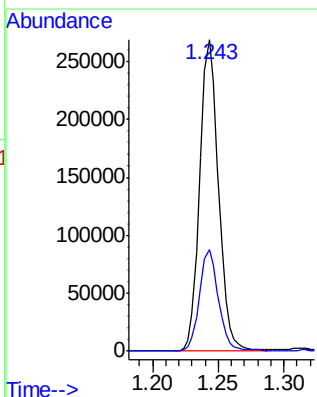
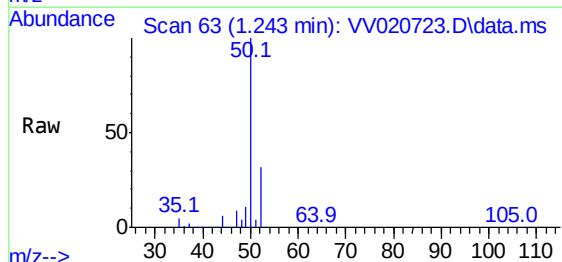
Tgt Ion: 85 Resp: 338787
Ion Ratio Lower Upper
85 100
87 32.1 26.3 39.5

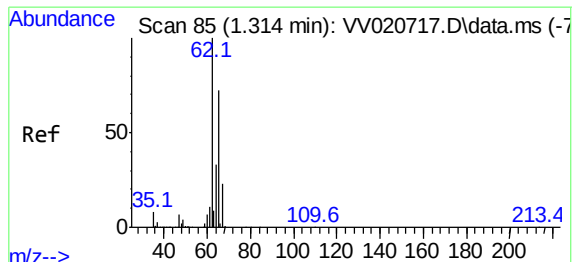


#3

Chloromethane
Concen: 47.13 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 50 Resp: 264701
Ion Ratio Lower Upper
50 100
52 32.3 22.7 42.1

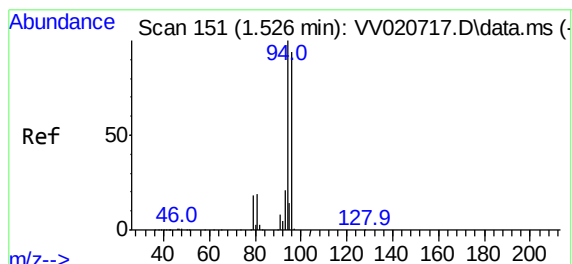
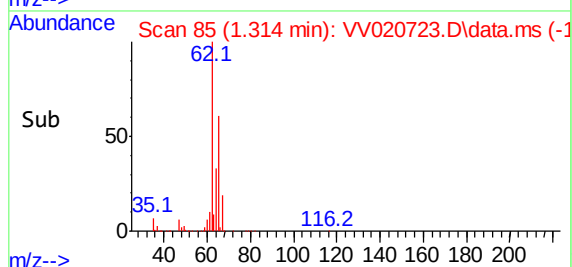
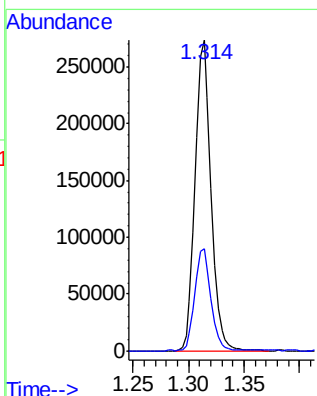
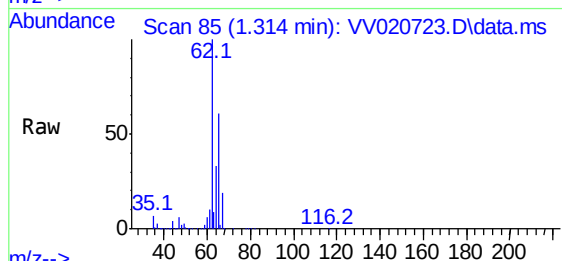




#5
 Vinyl chloride
 Concen: 47.39 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020723.D
 Acq: 24 Mar 2021 09:34

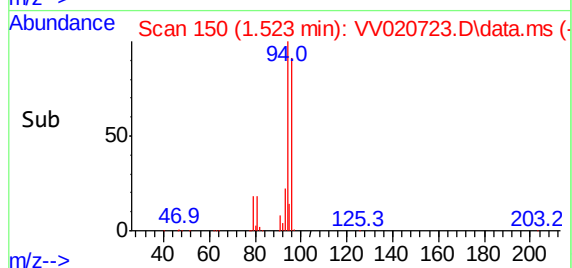
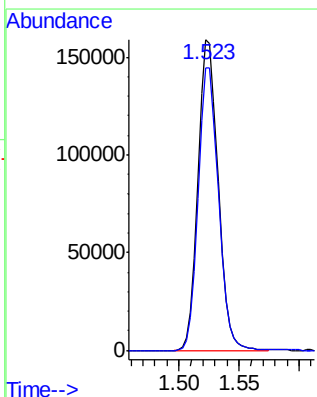
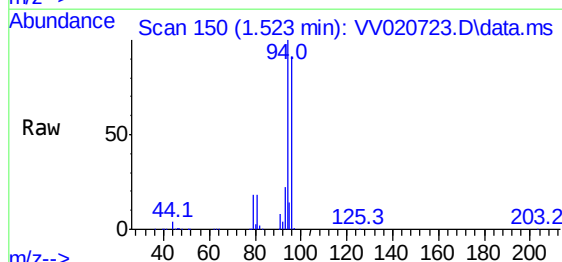
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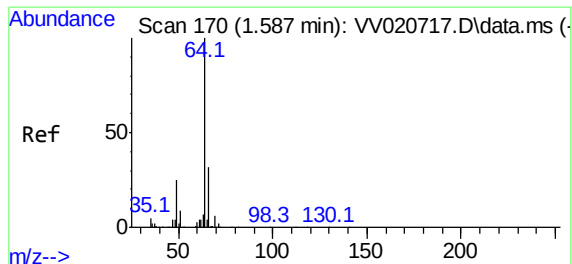
Tgt Ion: 62 Resp: 271861
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.3 43.3



#6
 Bromomethane
 Concen: 49.62 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV020723.D
 Acq: 24 Mar 2021 09:34

Tgt Ion: 94 Resp: 179469
 Ion Ratio Lower Upper
 94 100
 96 90.9 65.6 121.8

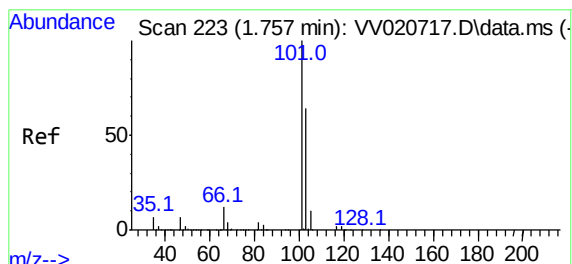
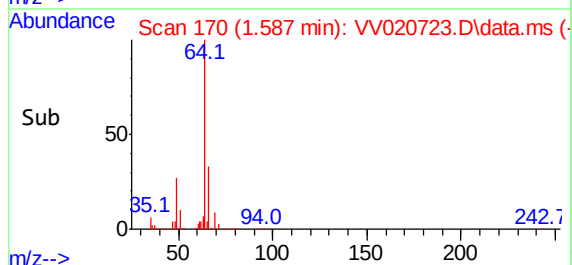
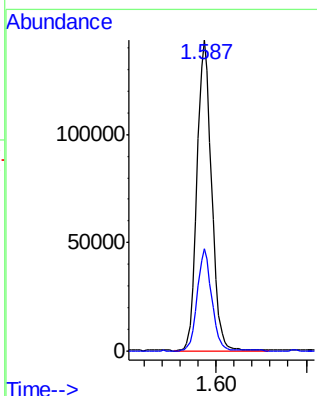
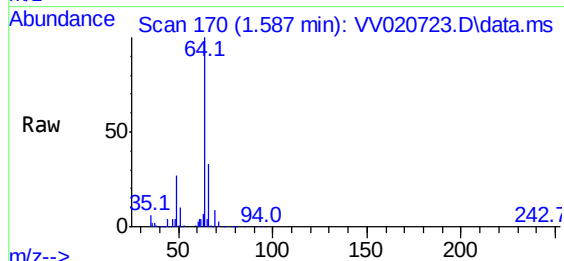




#8
Chloroethane
Concen: 48.49 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

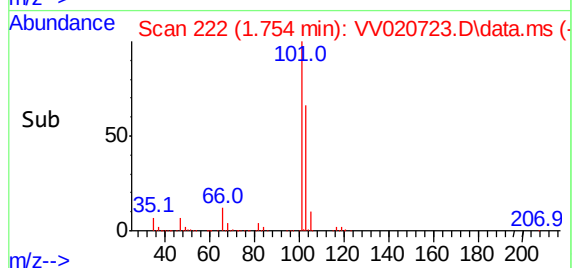
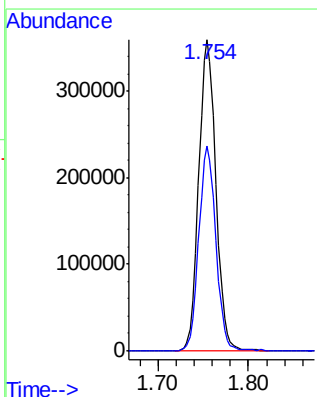
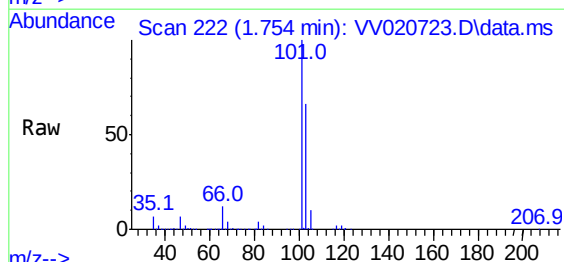
Instrument :
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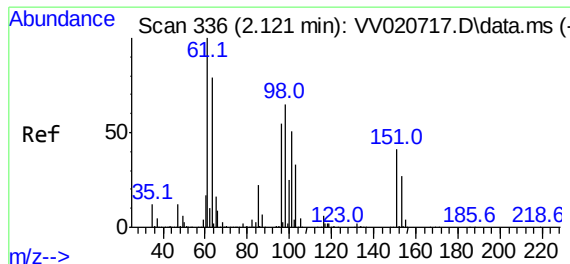
Tgt Ion: 64 Resp: 160718
Ion Ratio Lower Upper
64 100
66 32.7 22.4 41.6



#9
Trichlorofluoromethane
Concen: 47.95 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:101 Resp: 470256
Ion Ratio Lower Upper
101 100
103 65.5 51.2 76.8

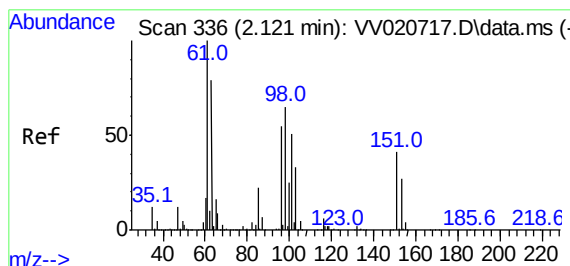
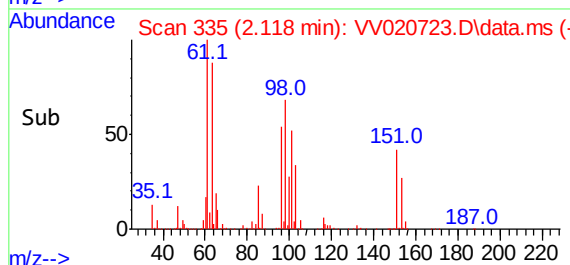
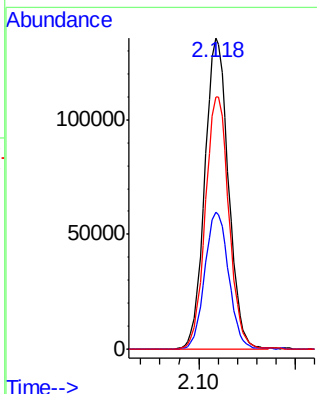
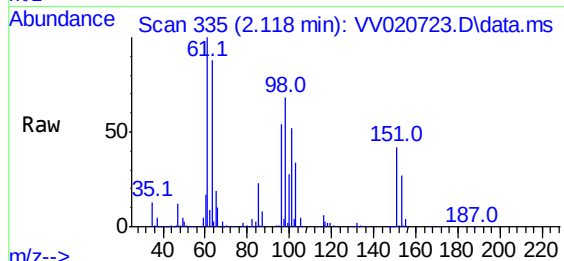




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 48.83 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV020723.D
 Acq: 24 Mar 2021 09:34

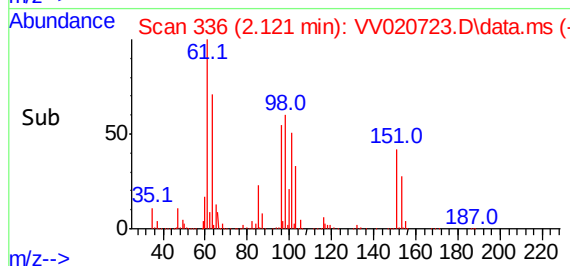
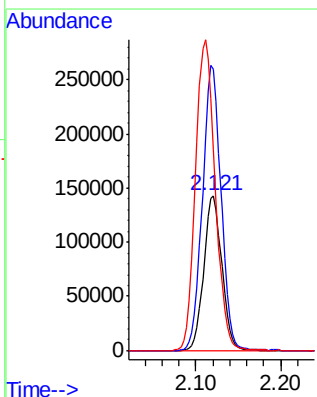
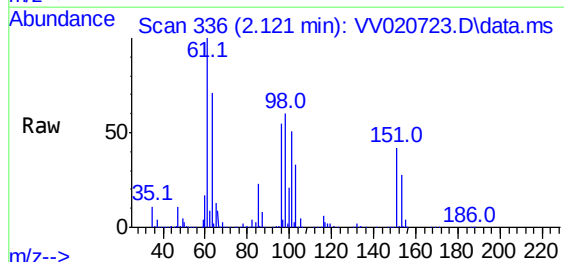
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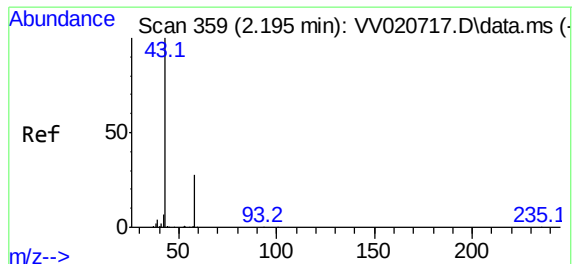
Tgt Ion:101 Resp: 230137
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.4 53.0
 151 80.6 63.5 95.3



#12
 1,1-Dichloroethene
 Concen: 47.92 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020723.D
 Acq: 24 Mar 2021 09:34

Tgt Ion: 96 Resp: 209995
 Ion Ratio Lower Upper
 96 100
 61 181.9 126.3 234.6
 63 130.0 100.2 186.2

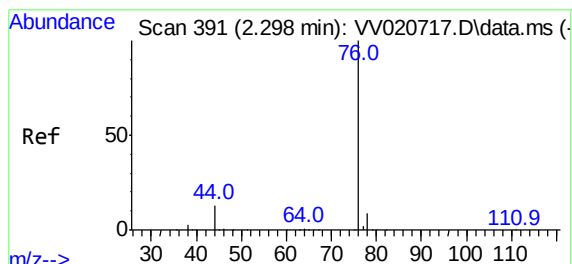
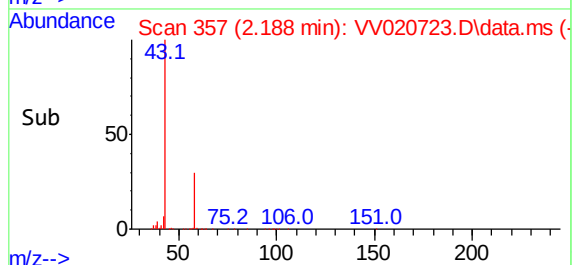
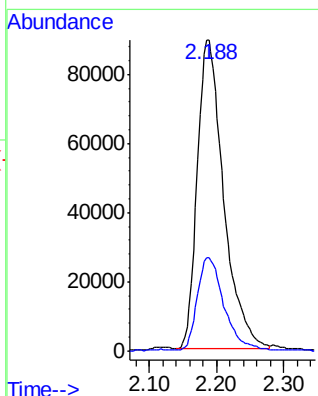
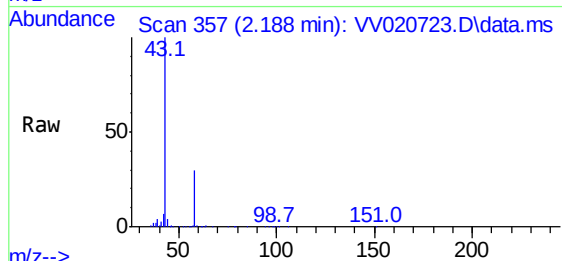




#13
Acetone
Concen: 98.53 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.006 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

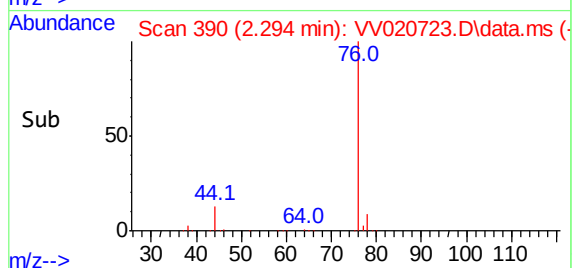
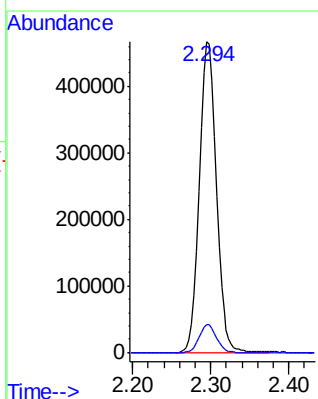
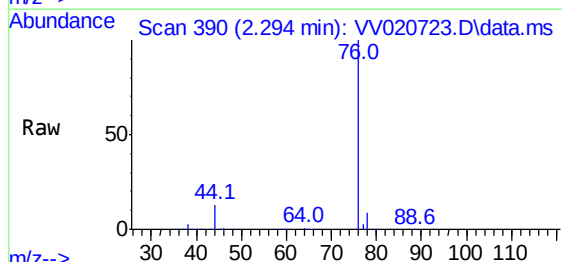
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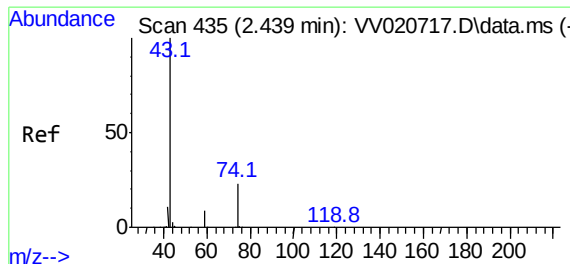
Tgt Ion: 43 Resp: 243704
Ion Ratio Lower Upper
43 100
58 30.9 0.0 60.8



#14
Carbon disulfide
Concen: 48.24 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 76 Resp: 699024
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

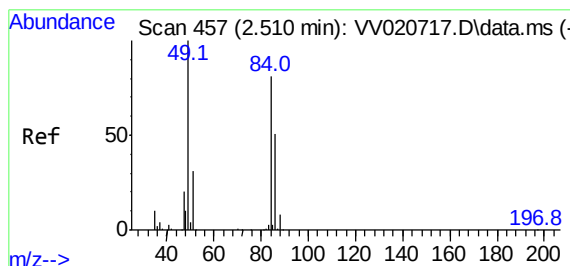
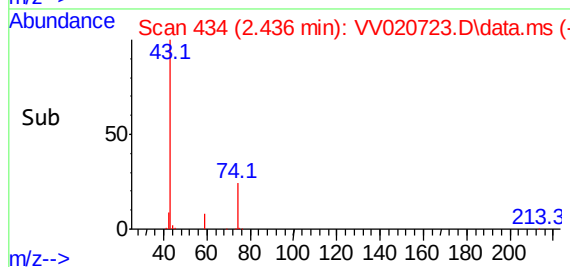
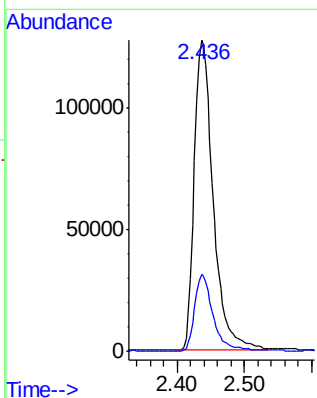
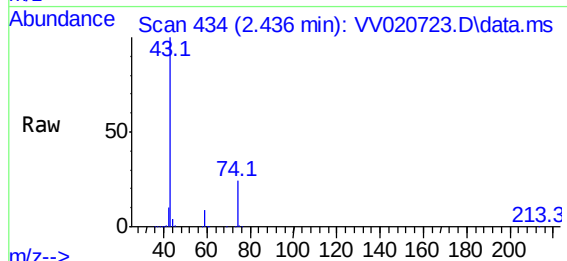




#15
Methyl Acetate
Concen: 48.24 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

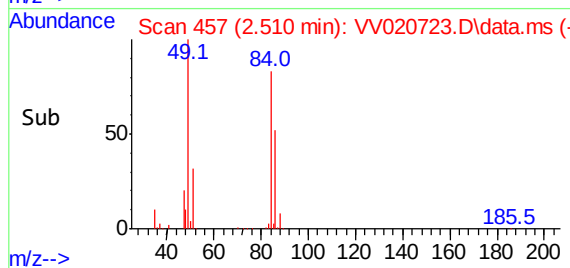
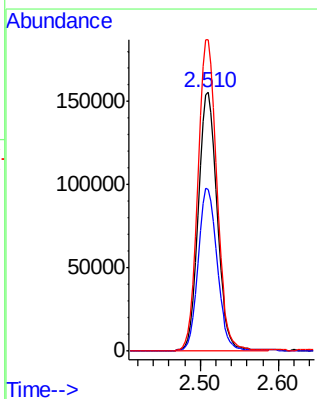
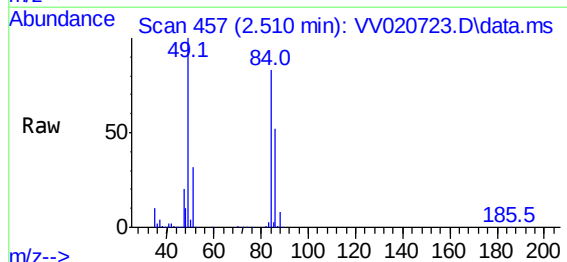
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

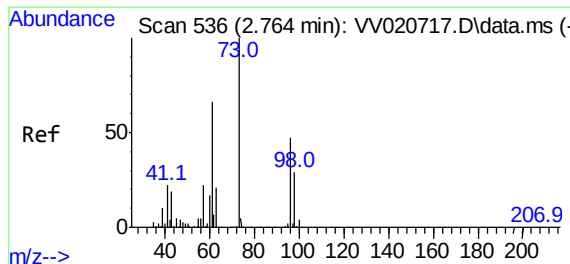
Tgt Ion: 43 Resp: 249056
Ion Ratio Lower Upper
43 100
74 23.6 18.4 27.6



#16
Methylene chloride
Concen: 47.86 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 84 Resp: 255764
Ion Ratio Lower Upper
84 100
86 62.6 43.9 81.5
49 120.6 86.3 160.3



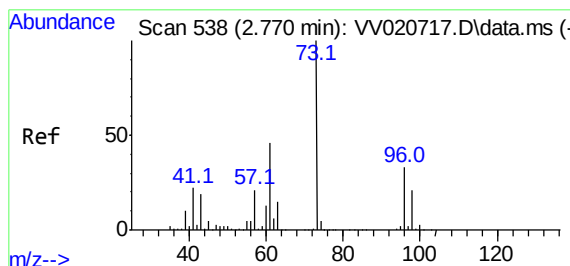
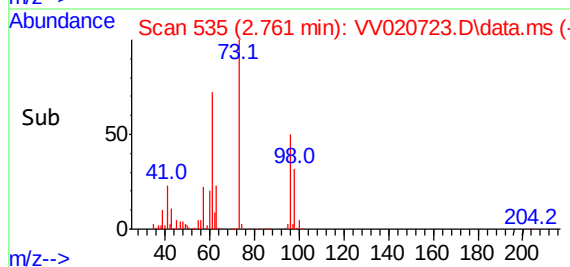
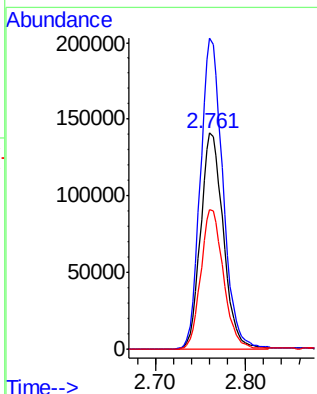
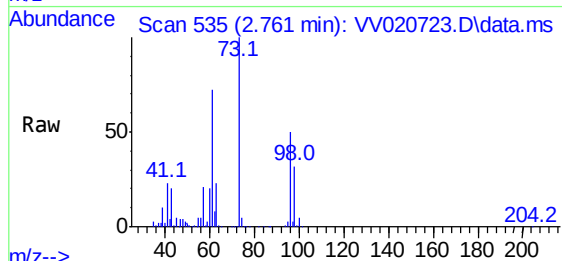


#17
trans-1,2-Dichloroethene
Concen: 48.52 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

Tgt Ion: 96 Resp: 243808

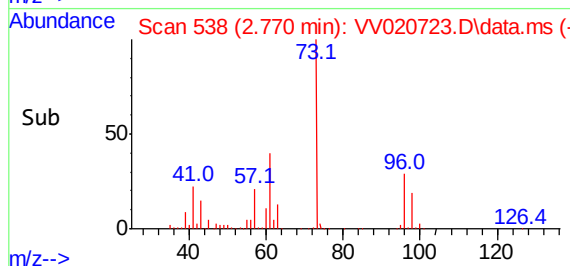
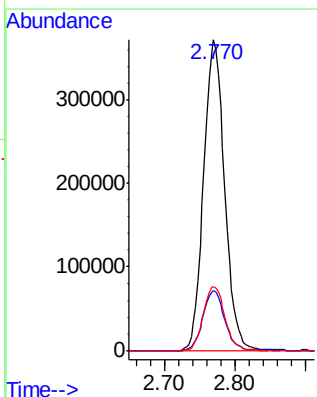
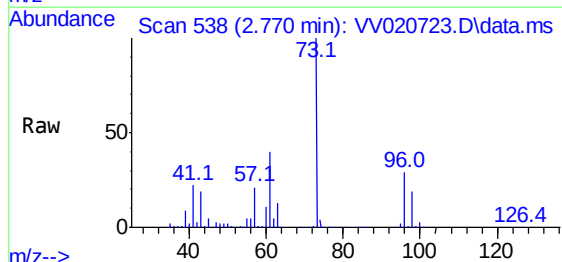
Ion	Ratio	Lower	Upper
96	100		
61	144.2	97.9	181.9
98	64.5	43.9	81.5

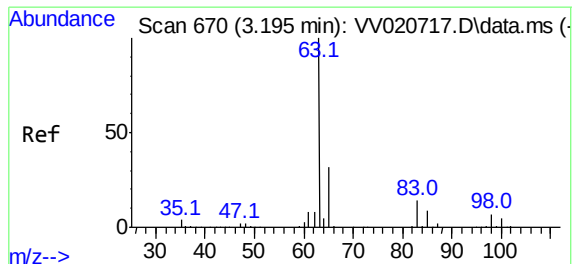


#18
Methyl tert-butyl Ether
Concen: 49.18 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 73 Resp: 766272

Ion	Ratio	Lower	Upper
73	100		
43	19.5	15.4	23.0
57	21.1	17.0	25.6

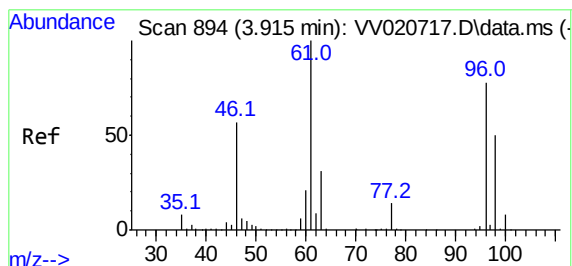
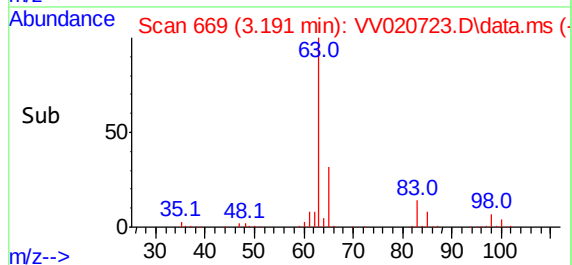
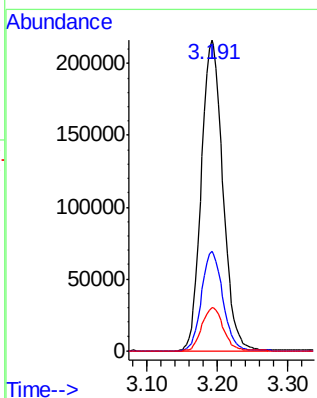
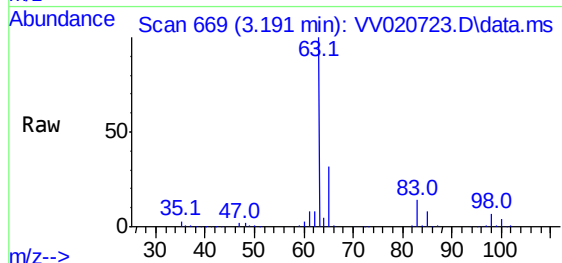




#19
1,1-Dichloroethane
Concen: 49.02 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

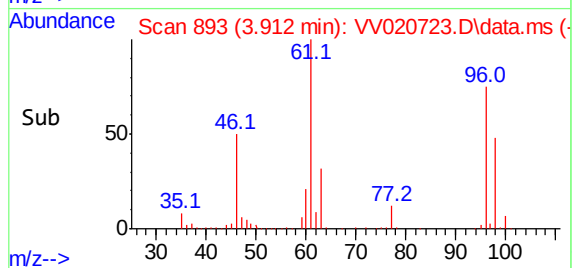
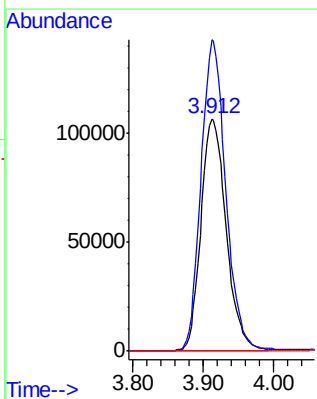
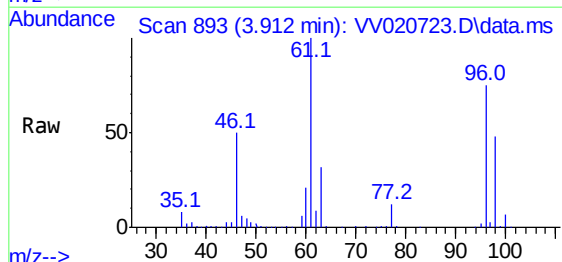
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

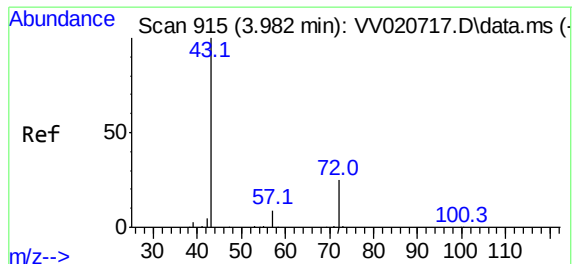
Tgt Ion: 63 Resp: 457609
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.9
83 13.9 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 48.84 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 96 Resp: 262585
Ion Ratio Lower Upper
96 100
61 133.9 89.9 167.0
68 0.0 0.0 0.0

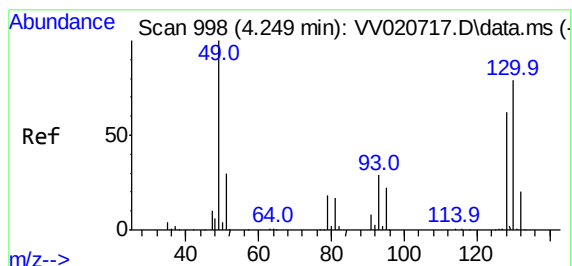
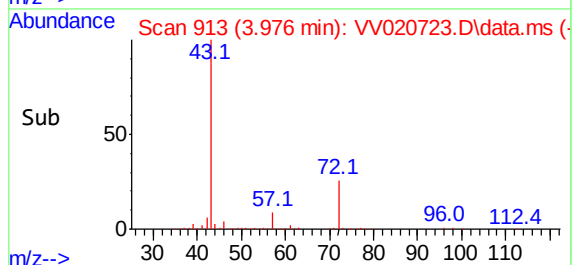
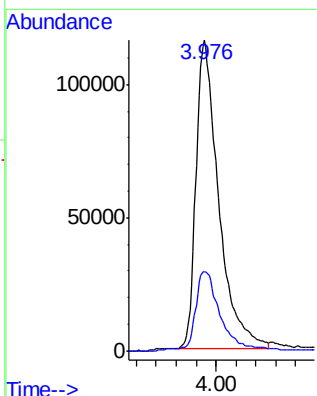
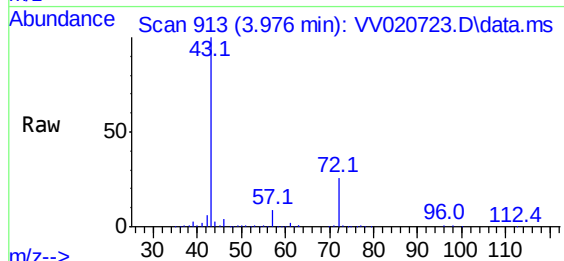




#22
2-Butanone
Concen: 101.62 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.006 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

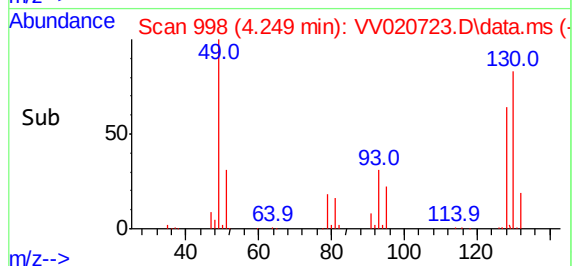
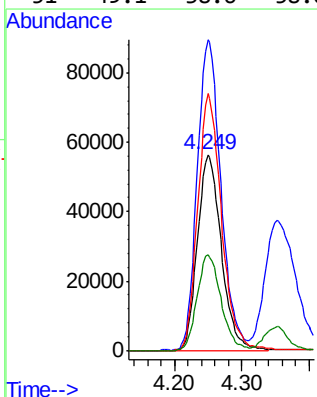
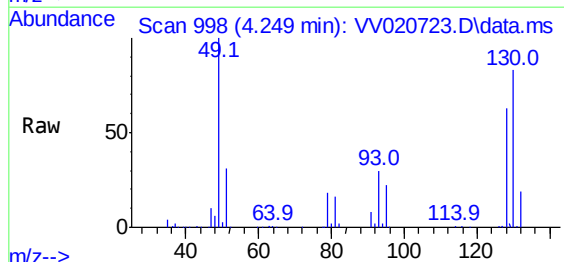
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

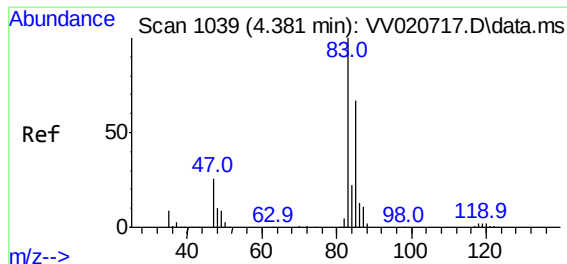
Tgt Ion: 43 Resp: 367902
Ion Ratio Lower Upper
43 100
72 25.3 11.9 35.9



#23
Bromochloromethane
Concen: 48.04 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:128 Resp: 139044
Ion Ratio Lower Upper
128 100
49 158.7 113.3 210.3
130 131.2 88.7 164.7
51 49.1 38.6 58.0

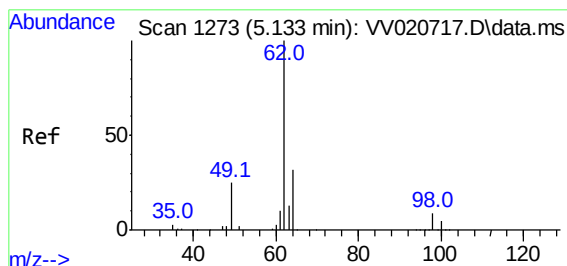
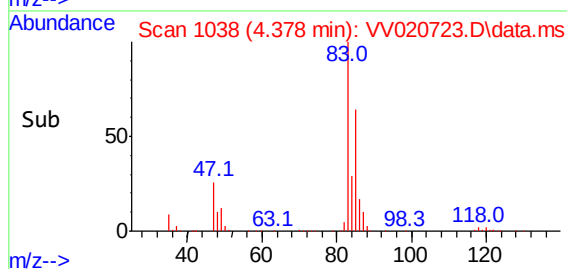
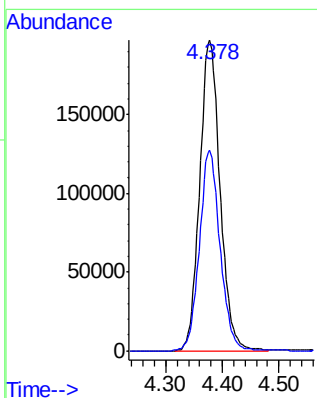
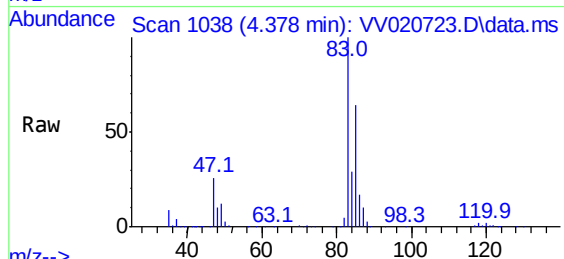




#25
Chloroform
Concen: 49.36 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

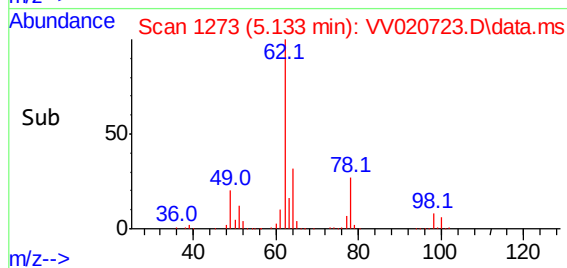
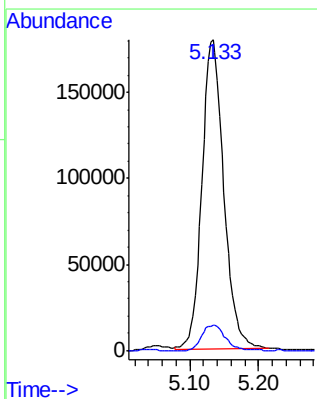
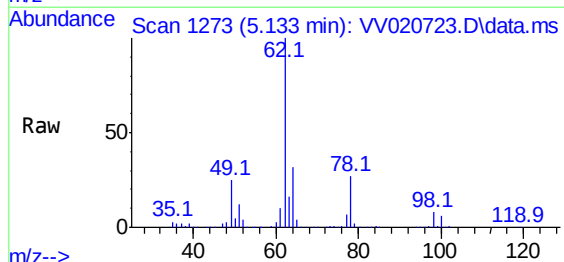
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

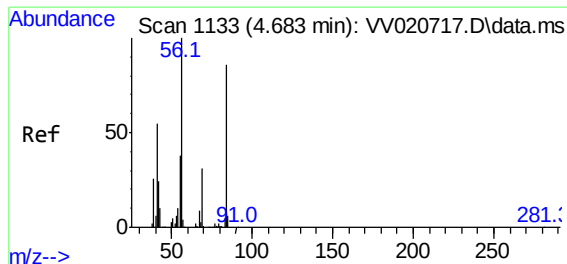
Tgt Ion: 83 Resp: 490159
Ion Ratio Lower Upper
83 100
85 64.4 46.7 86.7



#27
1,2-Dichloroethane
Concen: 49.77 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 62 Resp: 394793
Ion Ratio Lower Upper
62 100
98 8.0 6.8 10.2



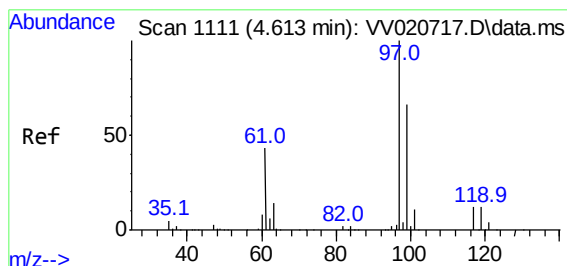
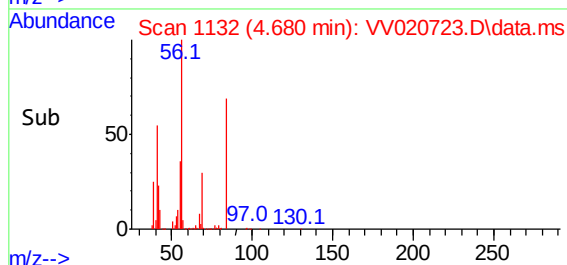
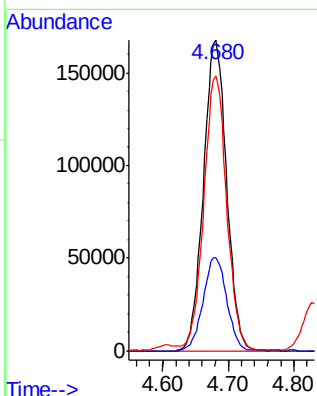
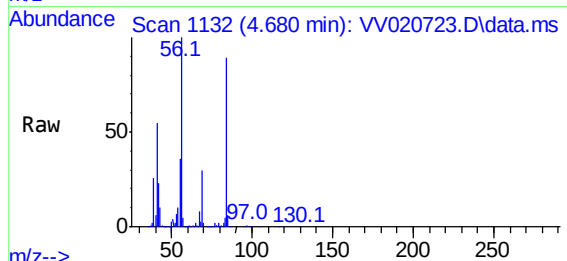


#29
Cyclohexane
Concen: 49.43 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

Tgt Ion: 56 Resp: 410331

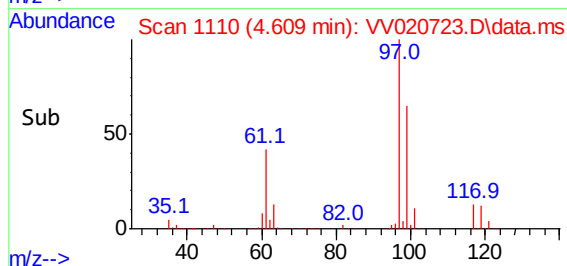
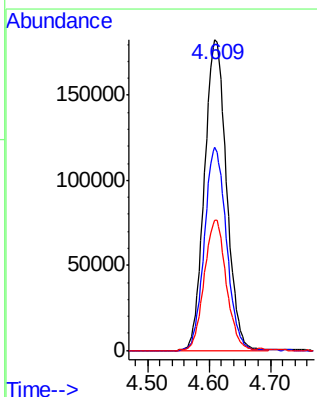
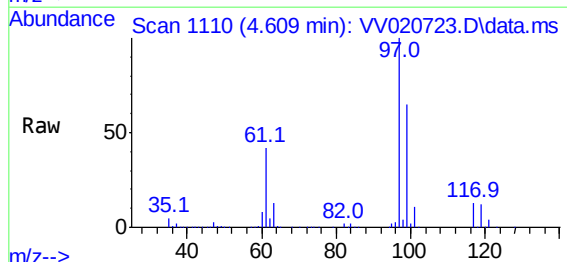
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.4	36.6
84	87.4	69.9	104.9

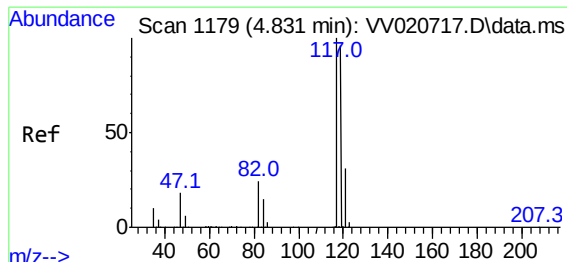


#30
1,1,1-Trichloroethane
Concen: 50.12 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 97 Resp: 454963

Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.4	77.2
61	41.9	33.9	50.9

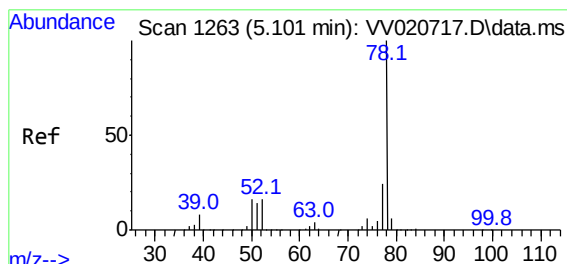
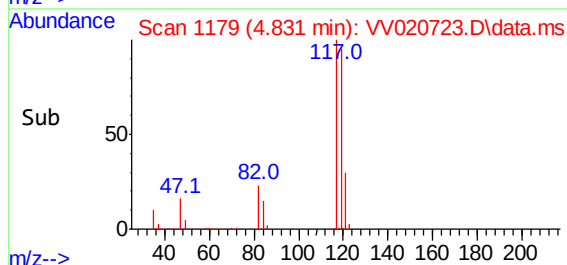
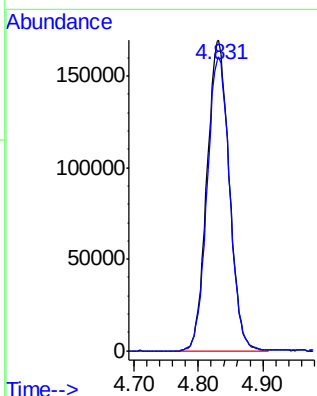
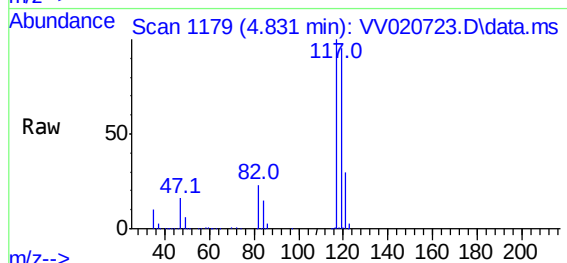




#31
Carbon tetrachloride
Concen: 50.09 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

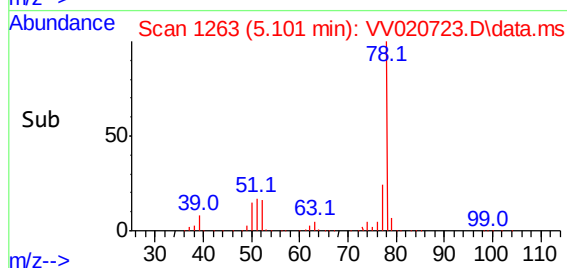
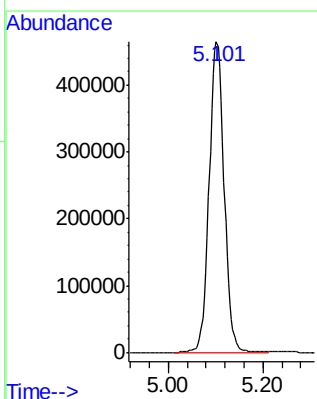
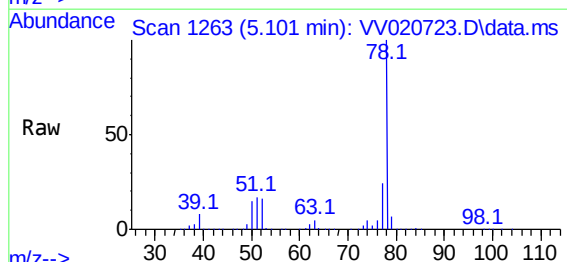
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

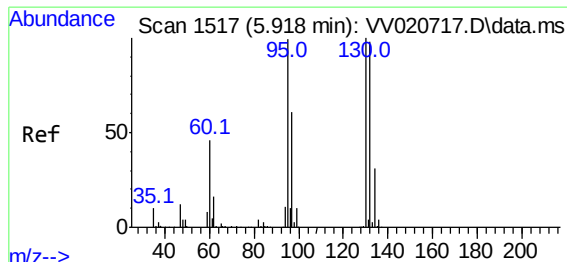
Tgt Ion:117 Resp: 406143
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 50.23 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 78 Resp: 1016946





#34

Trichloroethene

Concen: 49.48 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.000 min

Lab File: VV020723.D

Acq: 24 Mar 2021 09:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD05090

Tgt Ion: 95 Resp: 274618

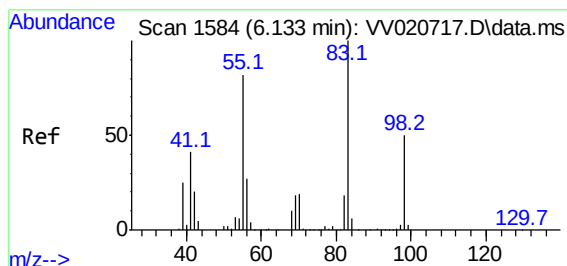
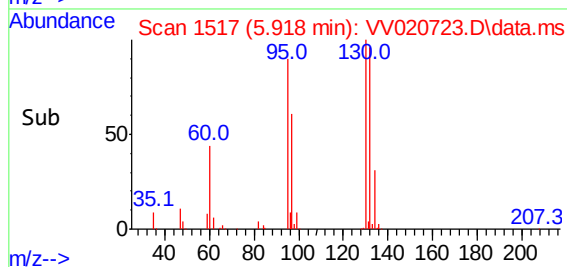
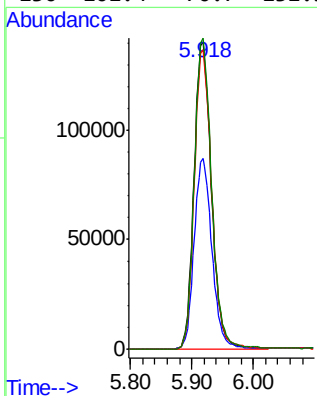
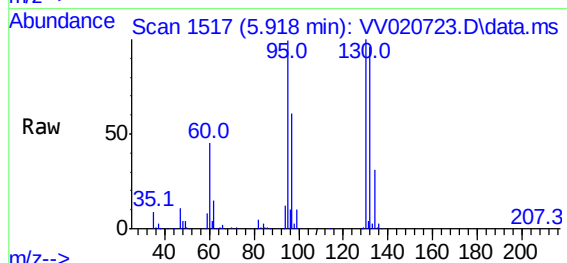
Ion Ratio Lower Upper

95 100

97 62.2 43.5 80.9

132 97.7 69.5 129.1

130 101.4 70.7 131.3



#35

Methylcyclohexane

Concen: 50.12 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV020723.D

Acq: 24 Mar 2021 09:34

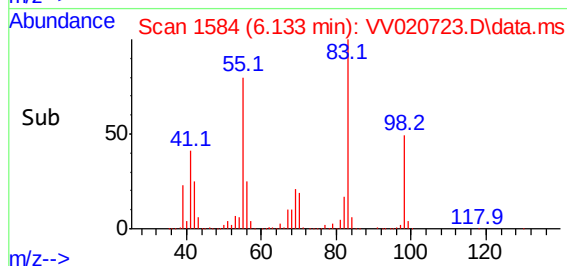
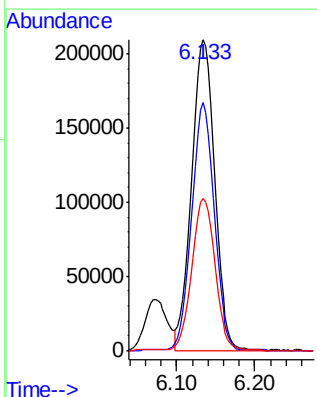
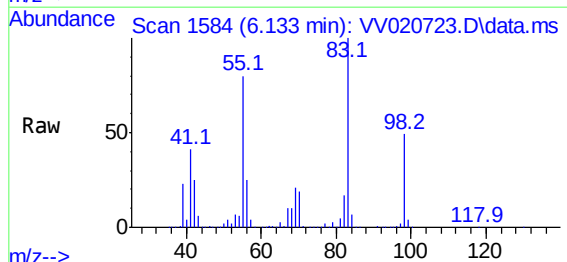
Tgt Ion: 83 Resp: 426779

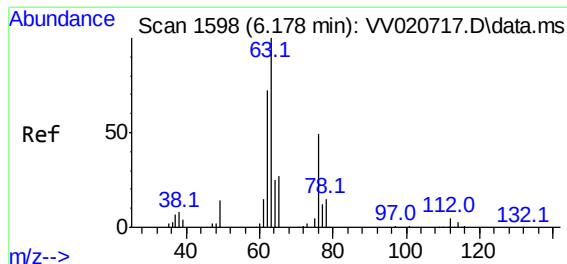
Ion Ratio Lower Upper

83 100

55 77.8 62.7 94.1

98 49.2 38.9 58.3

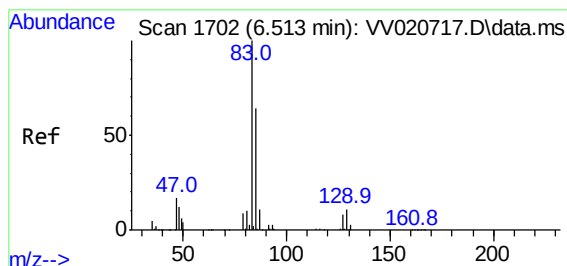
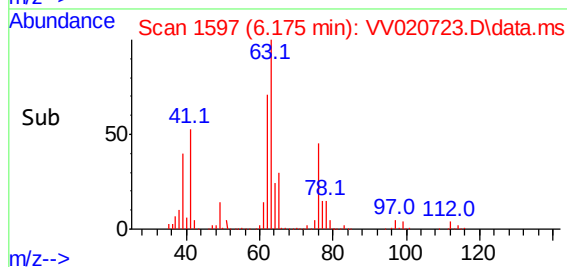
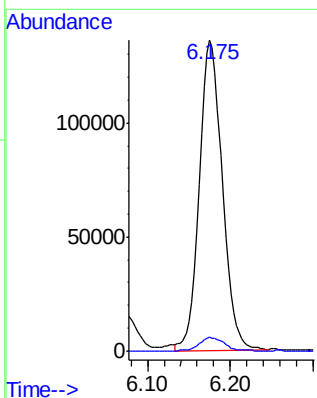
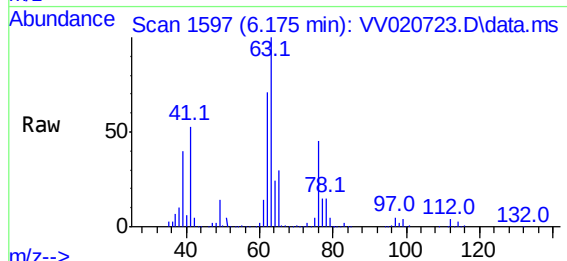




#37
1,2-Dichloropropane
Concen: 49.61 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

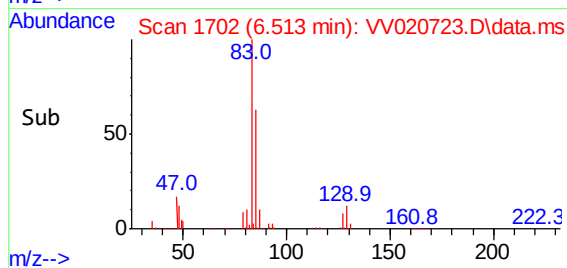
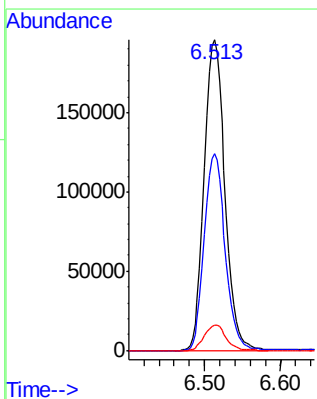
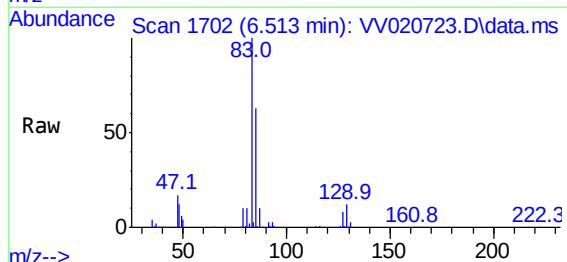
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

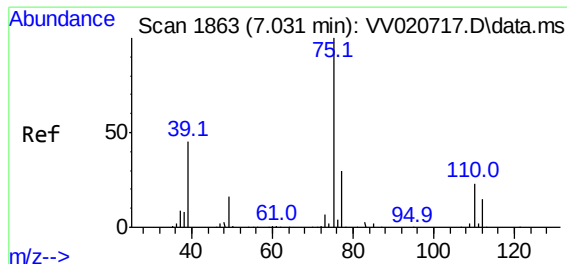
Tgt Ion: 63 Resp: 263351
Ion Ratio Lower Upper
63 100
112 4.5 3.7 5.5



#38
Bromodichloromethane
Concen: 49.63 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 83 Resp: 370004
Ion Ratio Lower Upper
83 100
85 63.3 44.5 82.7
127 8.1 6.8 10.2

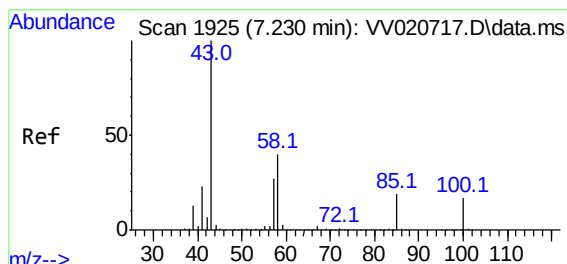
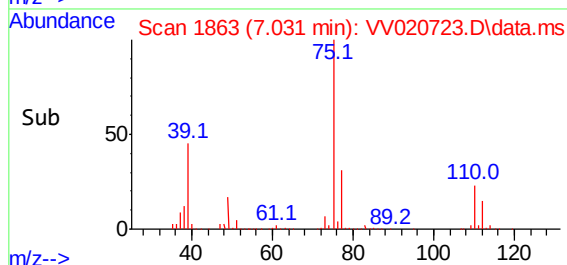
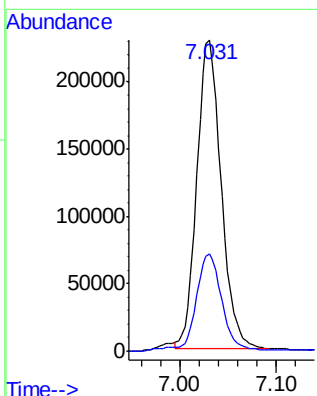
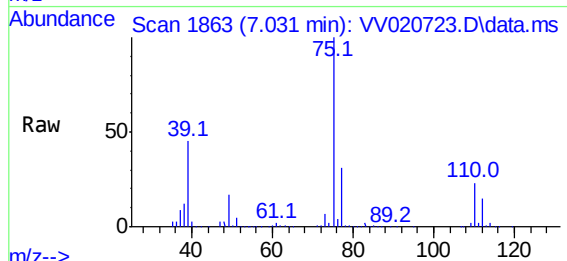




#39
 cis-1,3-Dichloropropene
 Concen: 48.90 ug/L
 RT: 7.031 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VV020723.D
 Acq: 24 Mar 2021 09:34

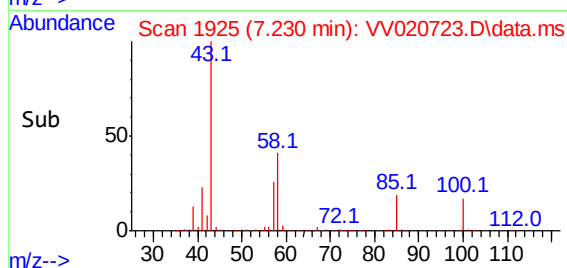
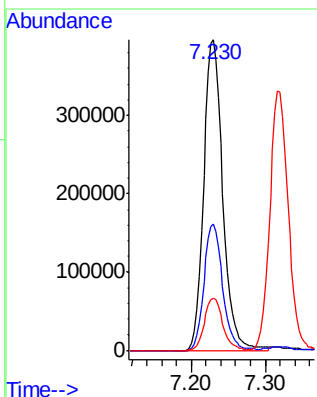
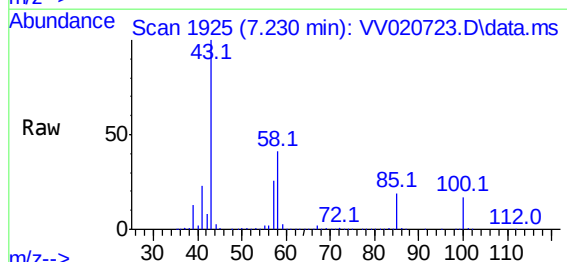
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05090

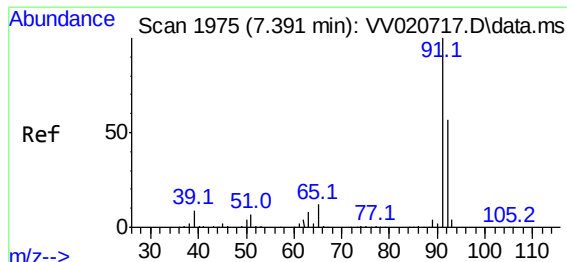
Tgt Ion: 75 Resp: 400777
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.7 40.3



#40
 4-Methyl-2-pentanone
 Concen: 99.29 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.000 min
 Lab File: VV020723.D
 Acq: 24 Mar 2021 09:34

Tgt Ion: 43 Resp: 706855
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.3 48.5
 100 16.3 13.0 19.4





#42

Toluene

Concen: 50.68 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV020723.D

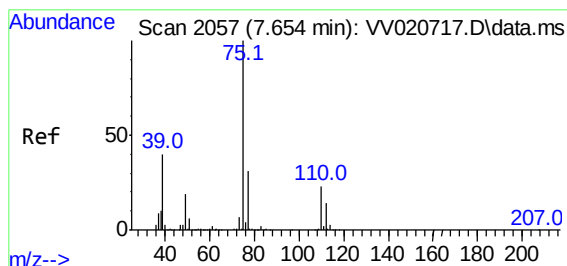
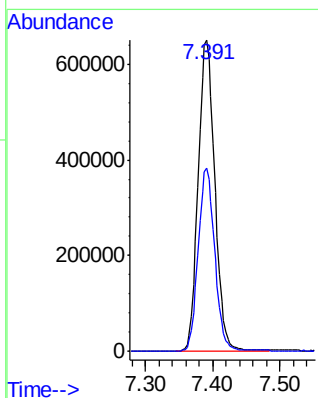
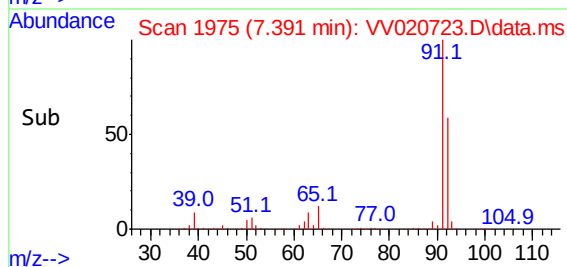
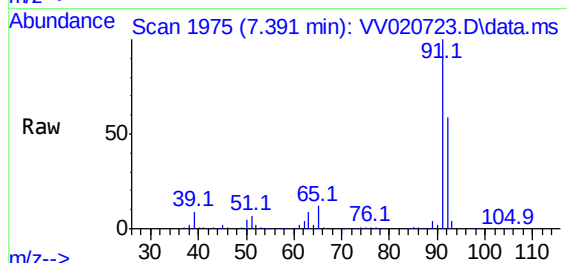
Acq: 24 Mar 2021 09:34

Tgt Ion: 91 Resp: 1115260

Ion Ratio Lower Upper

91 100

92 58.7 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 51.08 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV020723.D

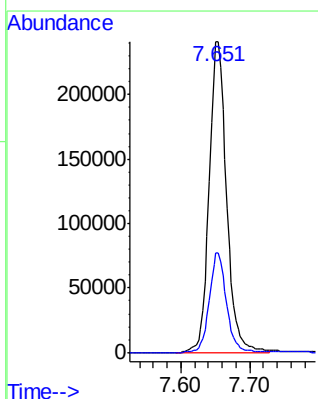
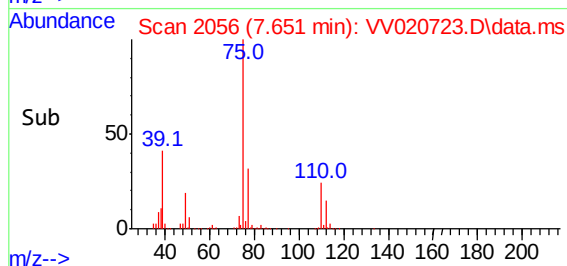
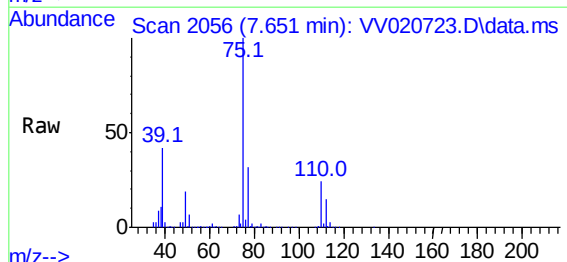
Acq: 24 Mar 2021 09:34

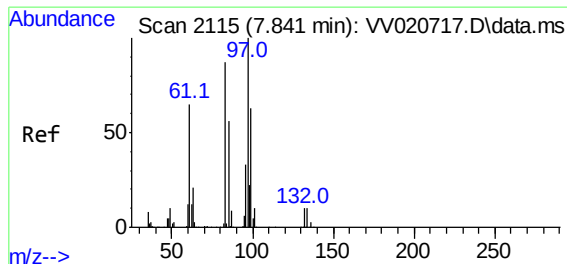
Tgt Ion: 75 Resp: 421605

Ion Ratio Lower Upper

75 100

77 31.9 21.6 40.0



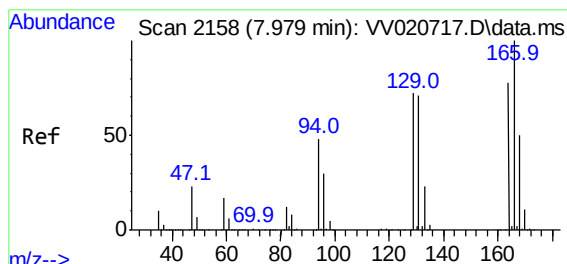
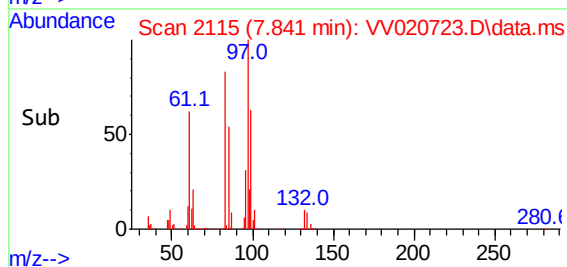
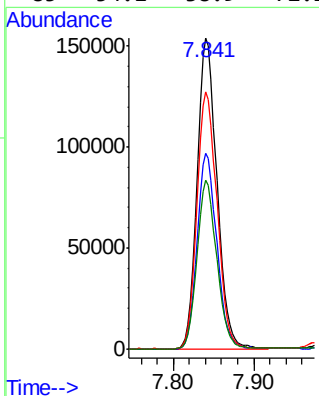
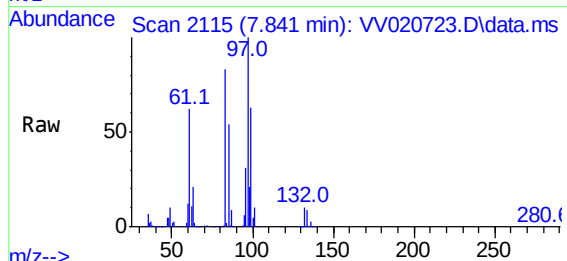


#45
1,1,2-Trichloroethane
Concen: 49.10 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

Tgt Ion: 97 Resp: 256438

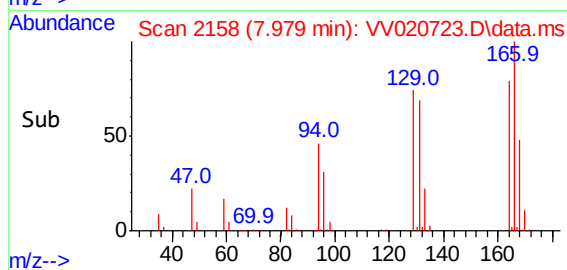
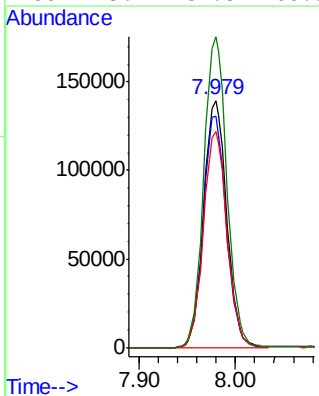
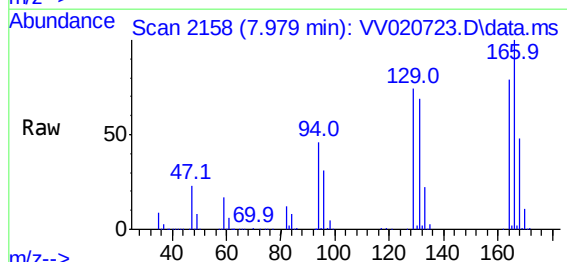
Ion	Ratio	Lower	Upper
97	100		
99	63.1	44.1	81.9
83	82.8	60.7	112.7
85	54.1	38.9	72.2

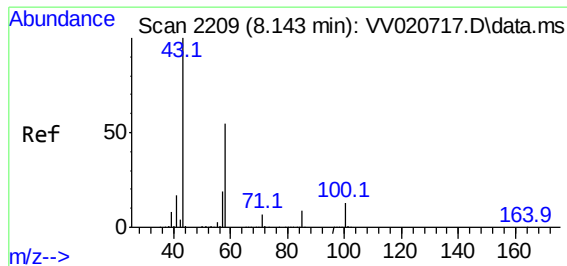


#46
Tetrachloroethene
Concen: 49.90 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 164 Resp: 231172

Ion	Ratio	Lower	Upper
164	100		
129	93.7	64.3	119.5
131	87.5	63.5	117.9
166	125.9	89.8	166.8



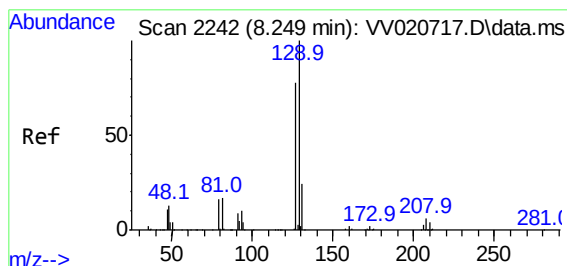
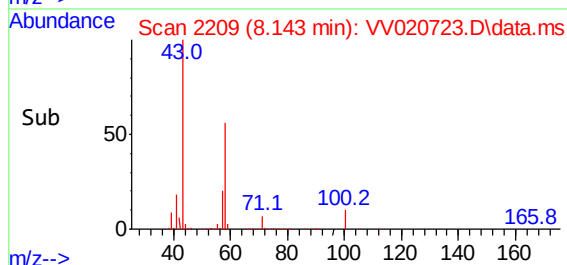
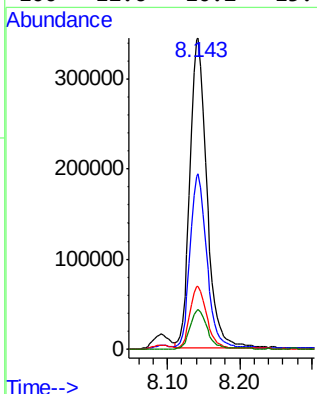
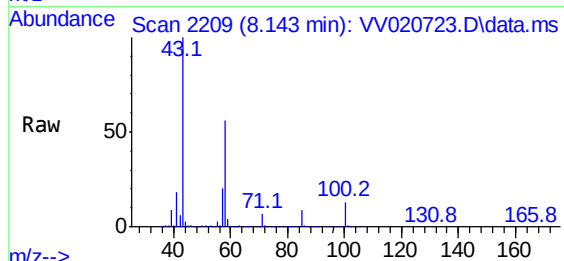


#48
2-Hexanone
Concen: 104.18 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

Tgt Ion: 43 Resp: 566199

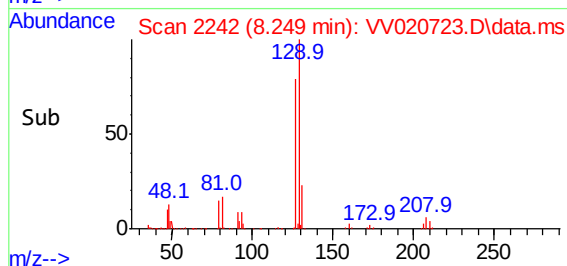
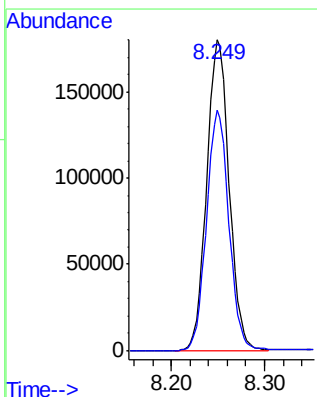
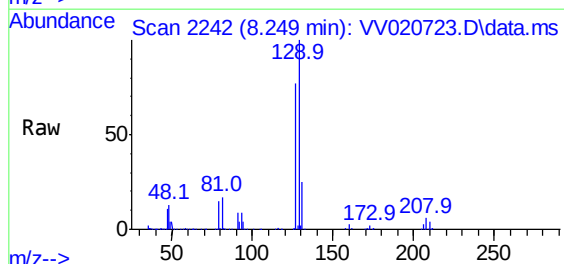
Ion	Ratio	Lower	Upper
43	100		
58	55.1	45.8	68.8
57	19.9	15.4	23.2
100	12.6	10.2	15.4

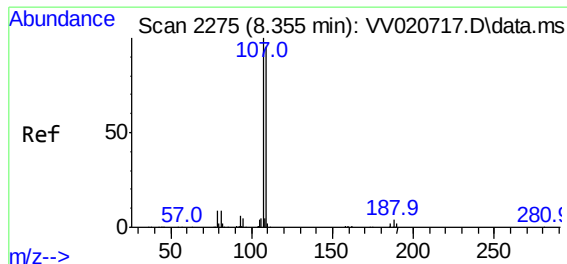


#49
Dibromochloromethane
Concen: 49.60 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 129 Resp: 301780

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.6	101.4

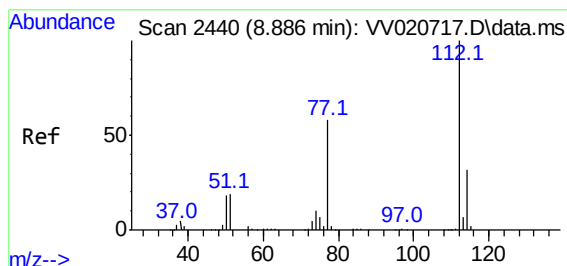
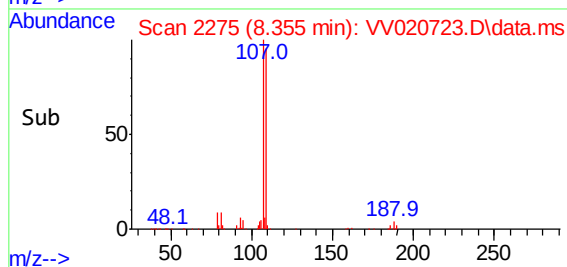
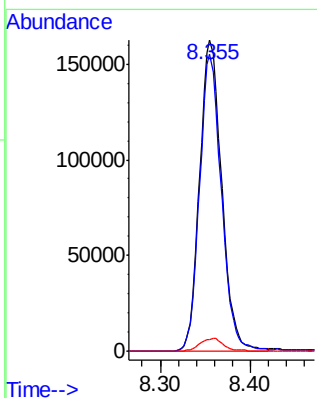
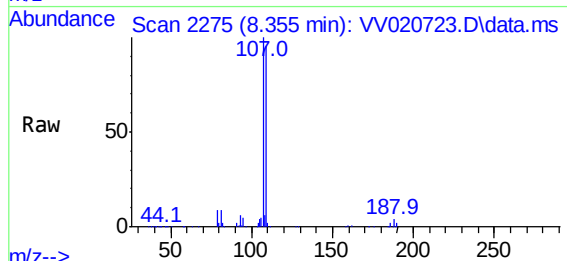




#50
1,2-Dibromoethane
Concen: 49.12 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

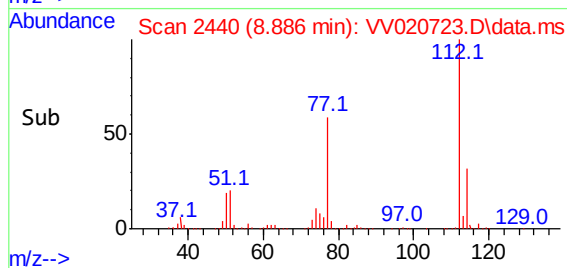
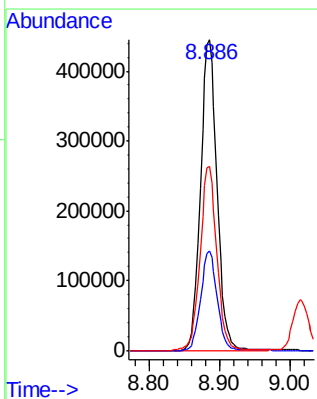
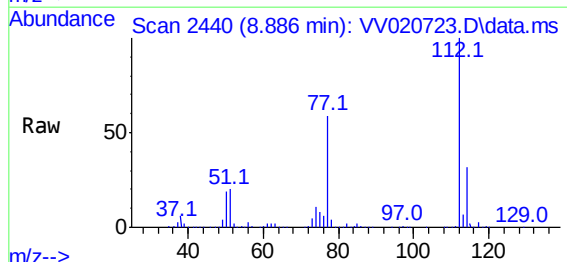
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

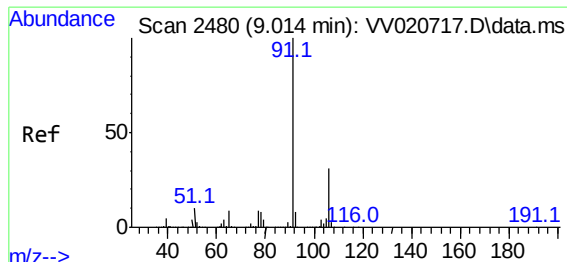
Tgt Ion:107 Resp: 274743
Ion Ratio Lower Upper
107 100
109 95.3 66.7 123.9
188 3.8 3.0 4.4



#51
Chlorobenzene
Concen: 48.89 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:112 Resp: 722194
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 59.2 46.7 70.1

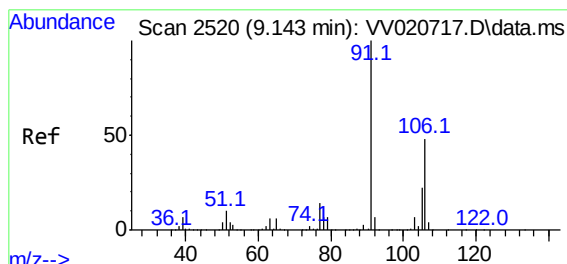
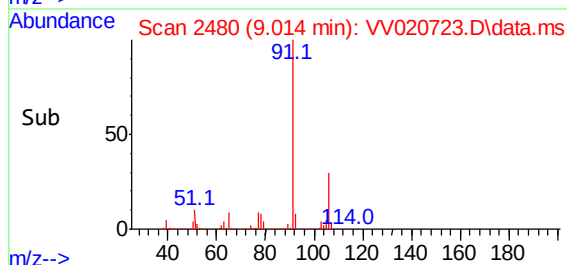
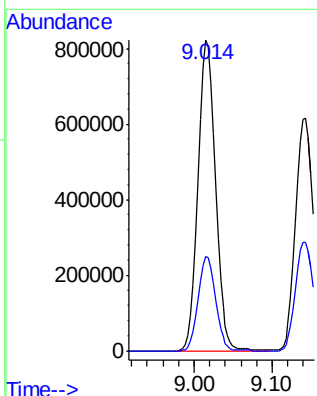
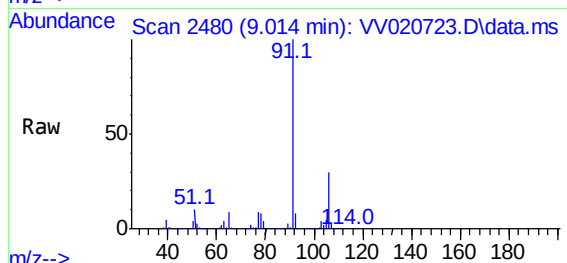




#52
Ethylbenzene
Concen: 50.48 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

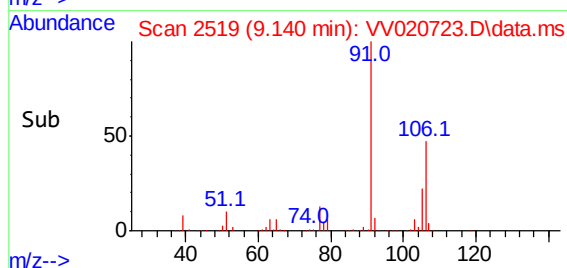
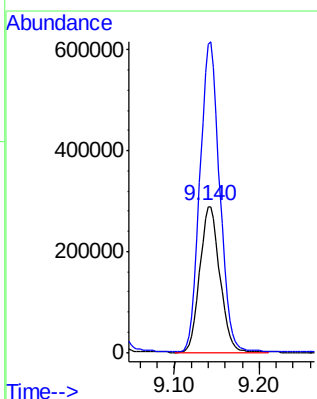
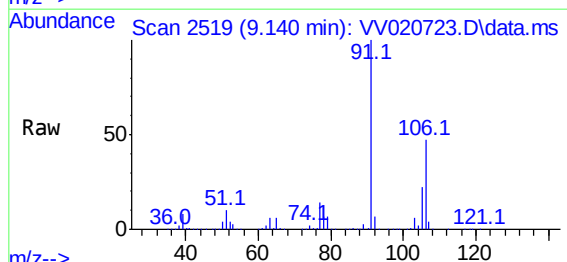
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

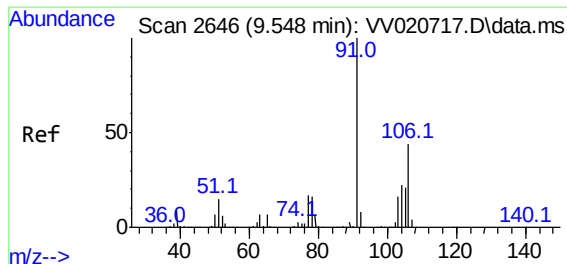
Tgt Ion: 91 Resp: 1267591
Ion Ratio Lower Upper
91 100
106 30.3 21.4 39.8



#53
m,p-Xylene
Concen: 50.27 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 106 Resp: 469503
Ion Ratio Lower Upper
106 100
91 211.9 145.7 270.7

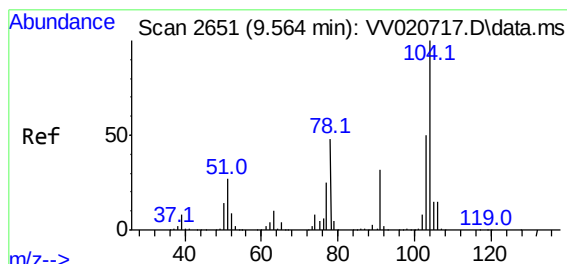
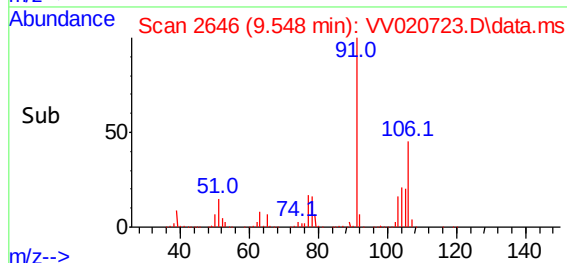
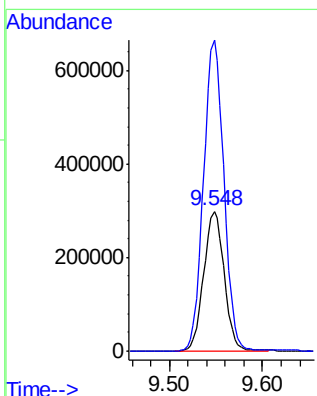
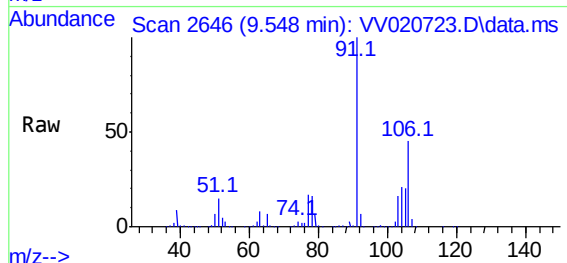




#54
o-xylene
Concen: 50.50 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

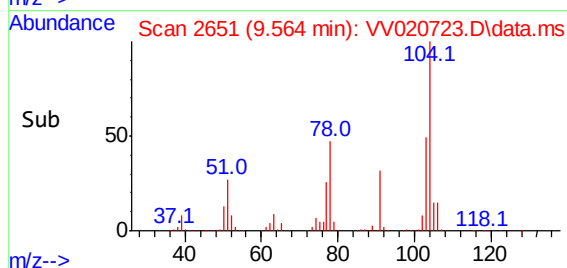
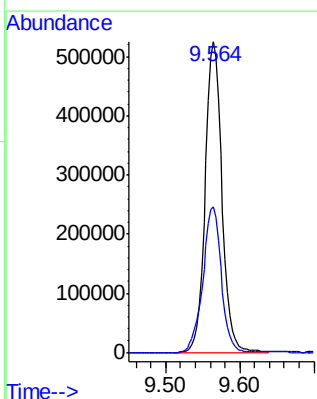
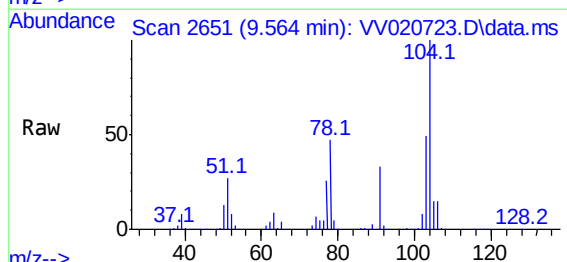
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

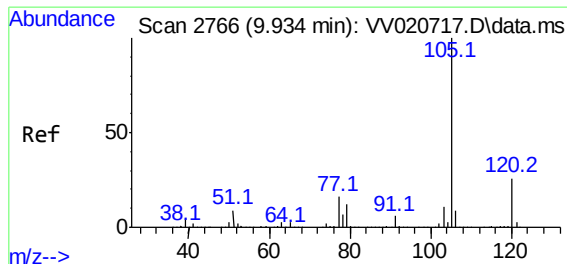
Tgt Ion:106 Resp: 454627
Ion Ratio Lower Upper
106 100
91 222.5 157.8 293.1



#55
Styrene
Concen: 51.86 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:104 Resp: 820303
Ion Ratio Lower Upper
104 100
78 46.9 33.6 62.4

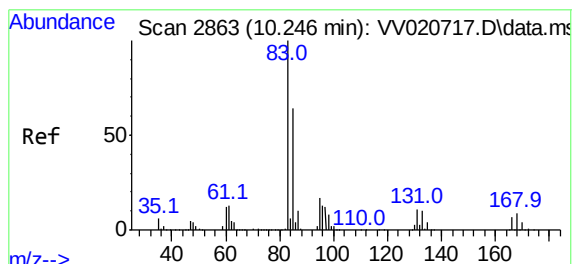
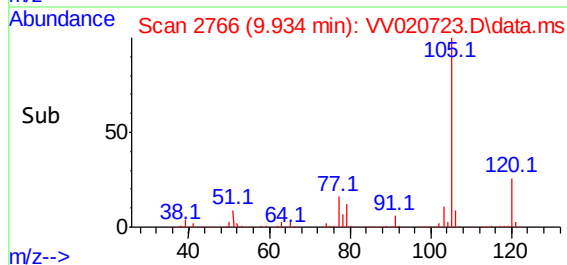
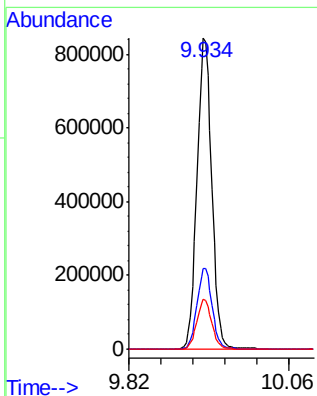
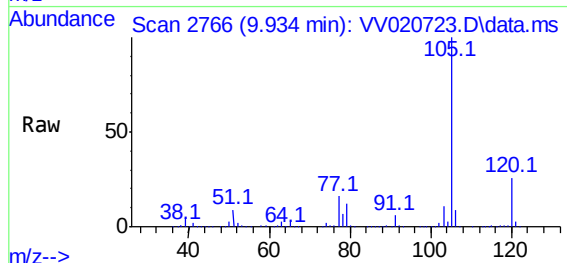




#56
Isopropylbenzene
Concen: 51.25 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

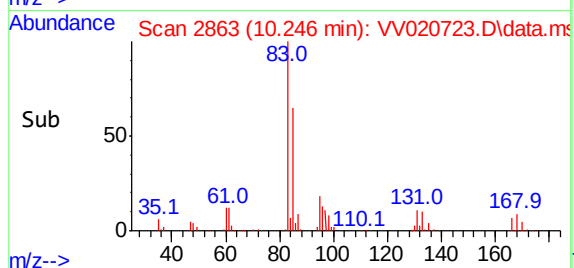
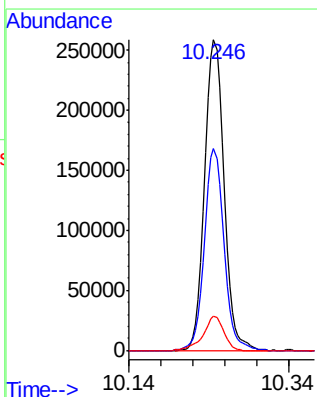
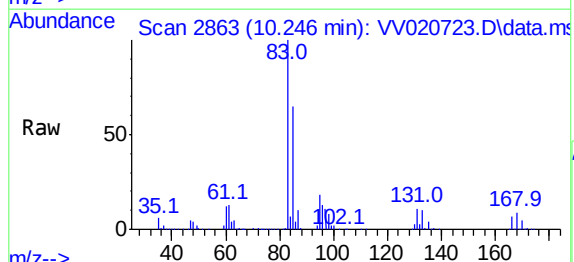
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

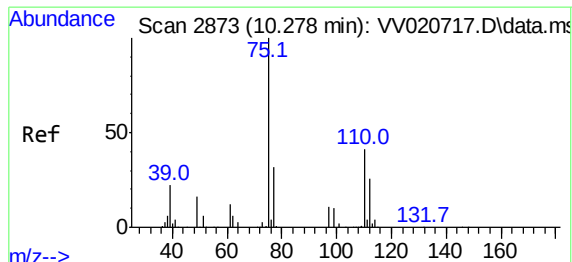
Tgt Ion:105 Resp: 1270459
Ion Ratio Lower Upper
105 100
120 26.3 20.8 31.2
77 15.9 12.9 19.3



#58
1,1,2,2-Tetrachloroethane
Concen: 48.99 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 83 Resp: 417370
Ion Ratio Lower Upper
83 100
85 64.8 44.7 83.1
131 10.8 8.6 12.8

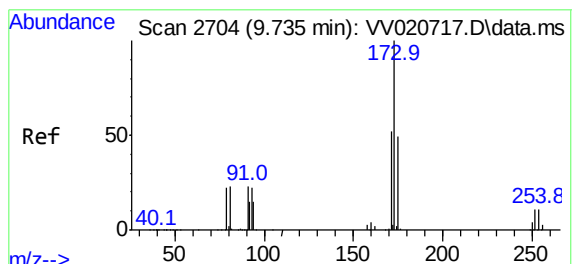
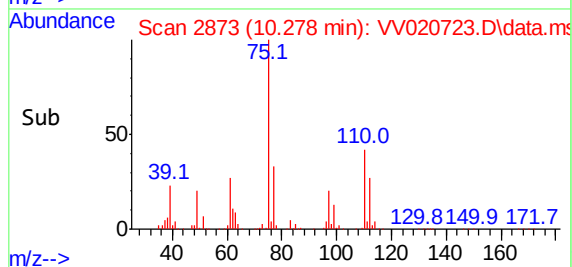
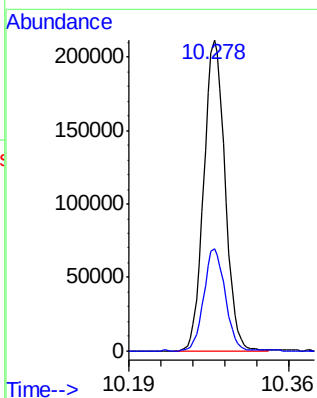
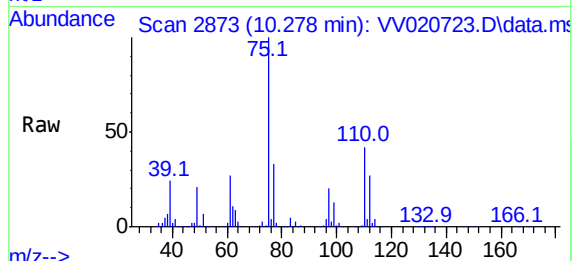




#59
1,2,3-Trichloropropane
Concen: 48.36 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

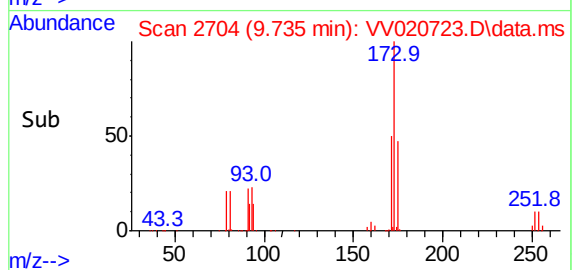
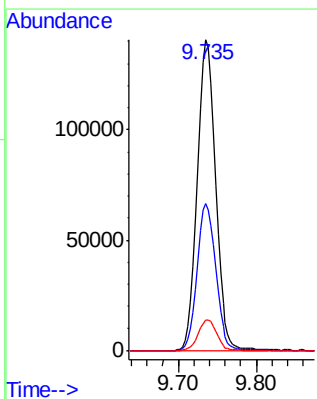
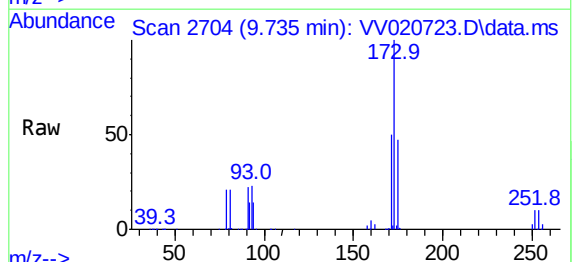
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

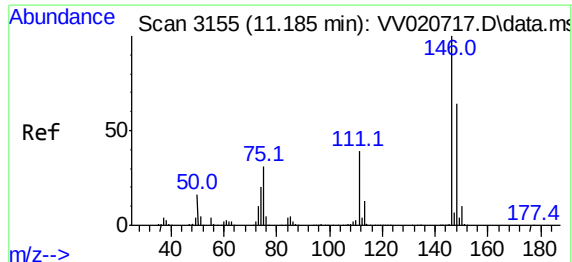
Tgt Ion: 75 Resp: 335314
Ion Ratio Lower Upper
75 100
77 32.8 25.3 37.9



#61
Bromoform
Concen: 48.88 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:173 Resp: 228207
Ion Ratio Lower Upper
173 100
175 47.9 38.4 57.6
254 9.8 8.5 12.7

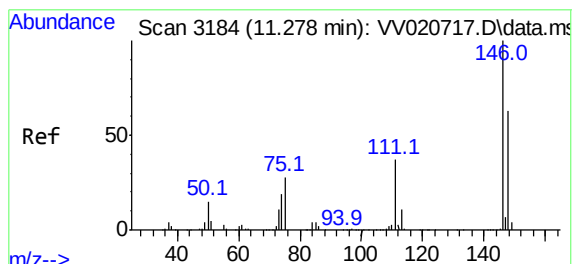
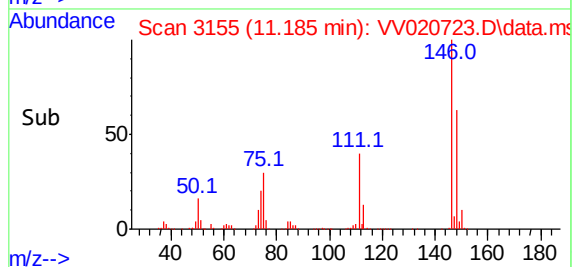
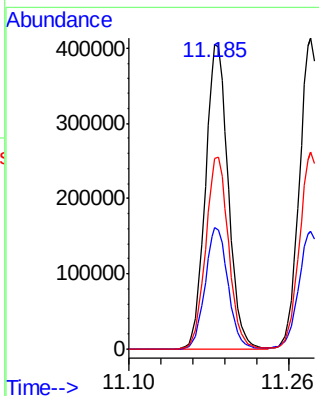
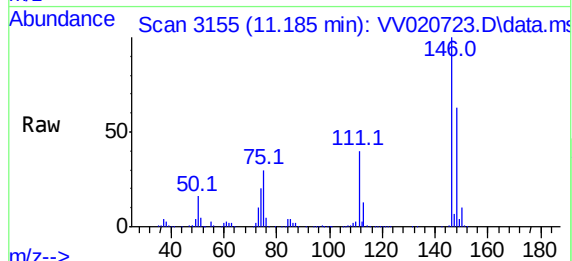




#62
1,3-Dichlorobenzene
Concen: 49.24 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

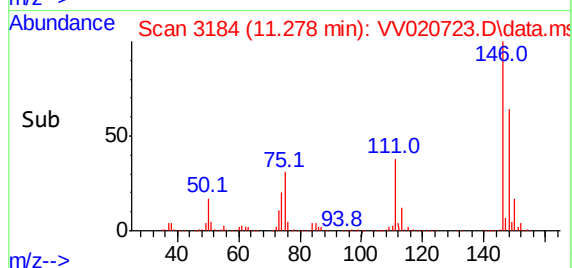
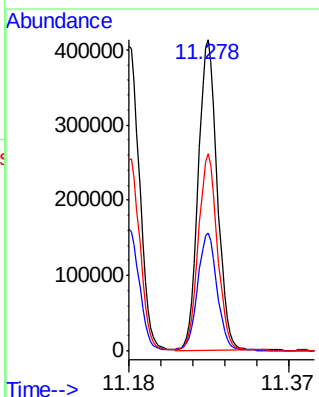
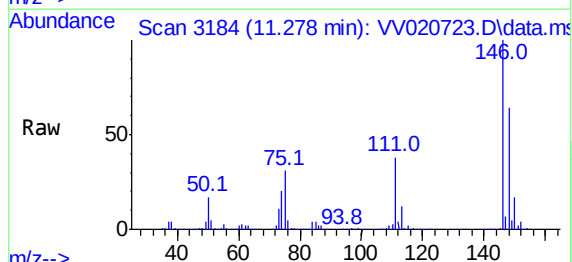
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

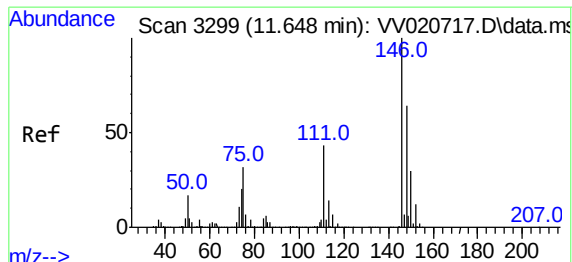
Tgt Ion:146 Resp: 617906
Ion Ratio Lower Upper
146 100
111 40.0 27.4 51.0
148 62.7 44.9 83.5



#63
1,4-Dichlorobenzene
Concen: 48.73 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:146 Resp: 636023
Ion Ratio Lower Upper
146 100
111 37.8 26.0 48.4
148 63.5 44.1 81.9

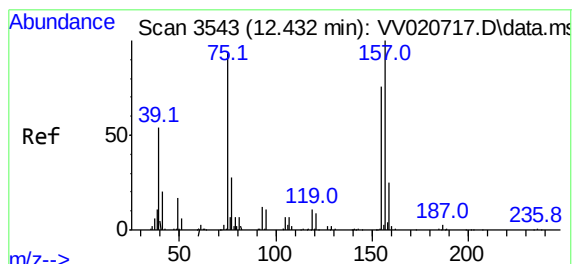
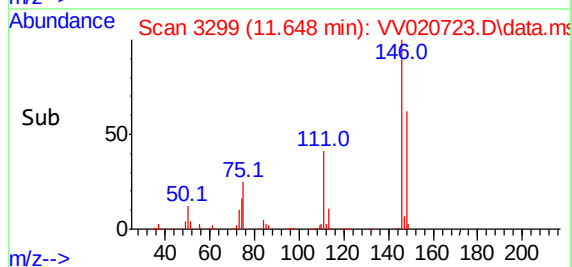
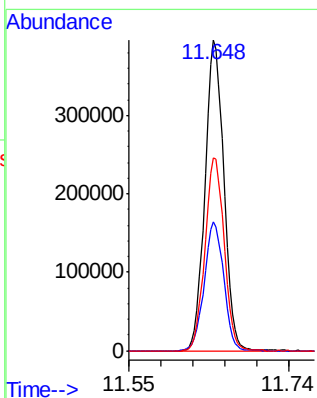
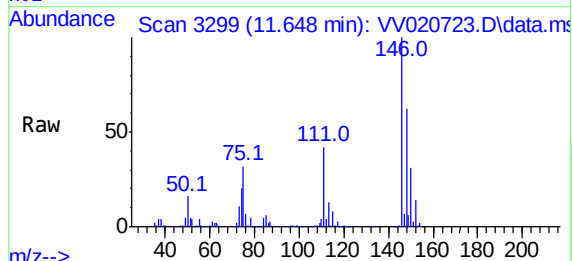




#65
1,2-Dichlorobenzene
Concen: 49.08 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

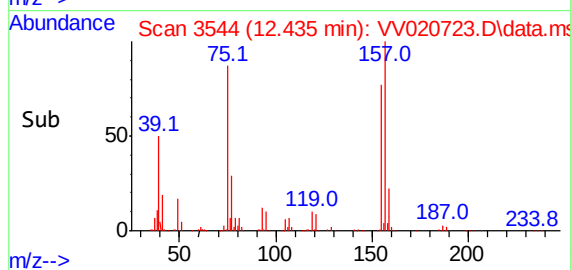
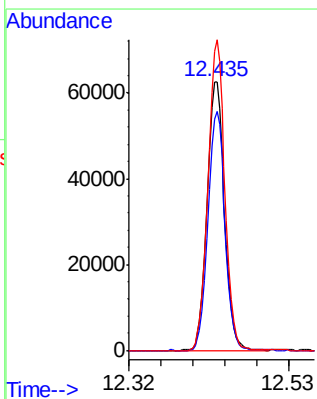
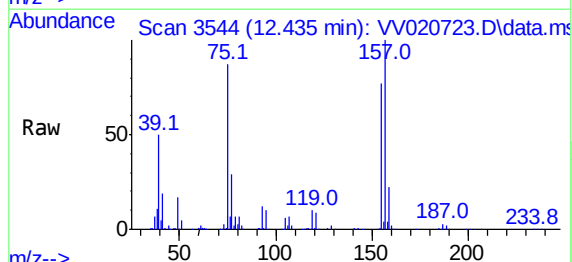
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

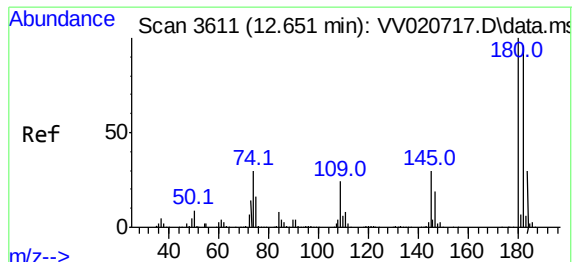
Tgt Ion:146 Resp: 606930
Ion Ratio Lower Upper
146 100
111 41.6 34.1 51.1
148 62.3 51.4 77.0



#66
1,2-Dibromo-3-chloropropane
Concen: 47.11 ug/L
RT: 12.435 min Scan# 3544
Delta R.T. 0.003 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion: 75 Resp: 98496
Ion Ratio Lower Upper
75 100
155 88.7 65.3 97.9
157 115.5 85.8 128.6

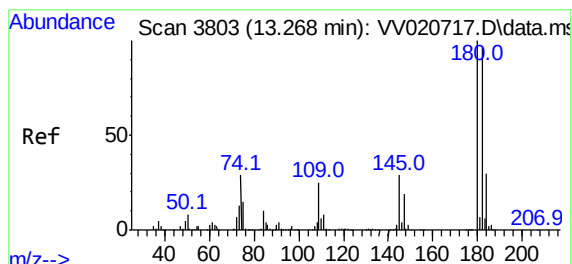
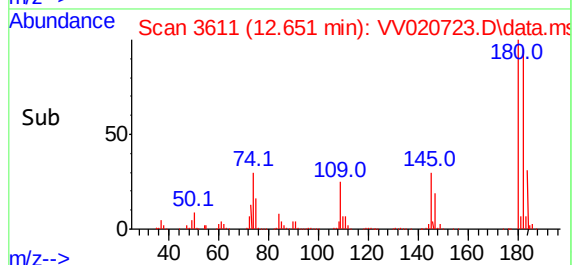
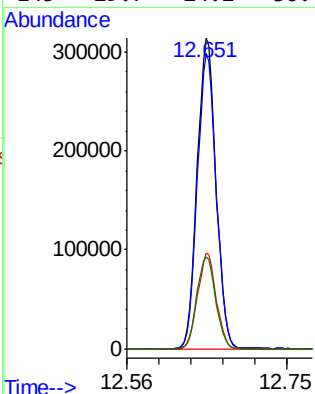
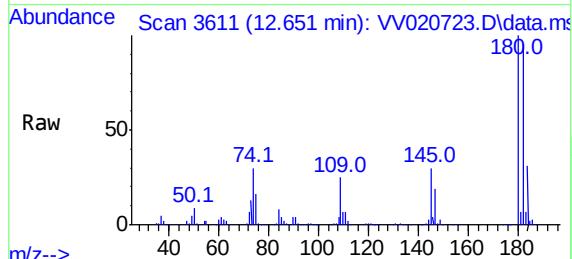




#67
1,3,5-Trichlorobenzene
Concen: 49.35 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

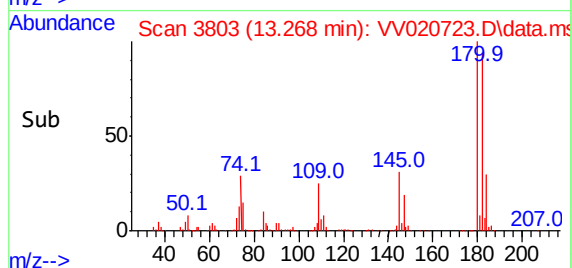
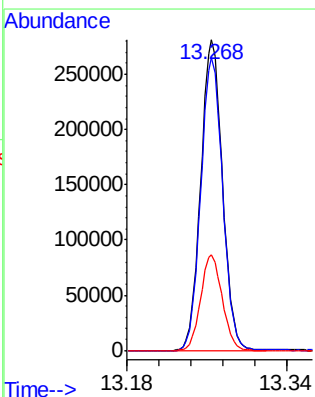
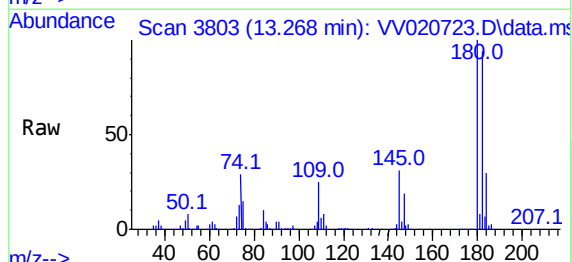
Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

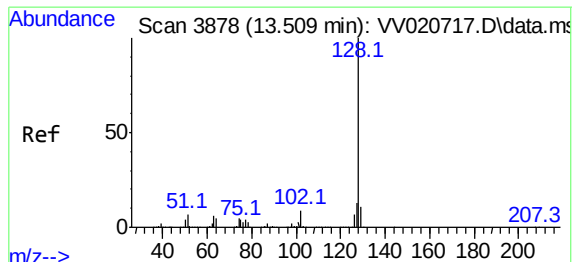
Tgt Ion:180 Resp: 479985
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
184 30.3 24.5 36.7
145 29.7 24.2 36.4



#68
1,2,4-trichlorobenzene
Concen: 51.43 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:180 Resp: 424188
Ion Ratio Lower Upper
180 100
182 95.0 75.8 113.6
145 30.5 23.9 35.9



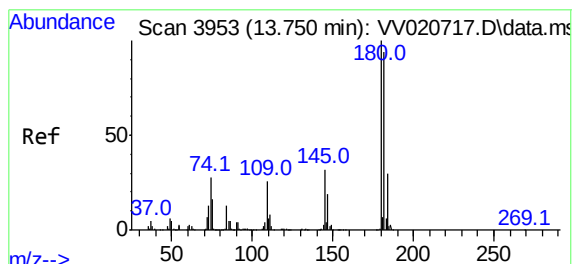
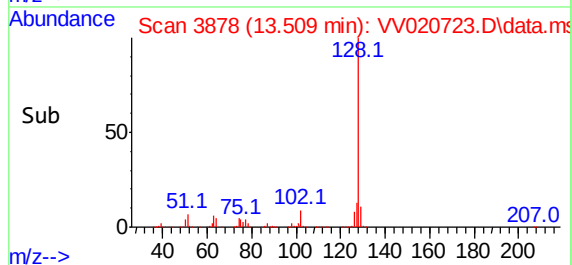
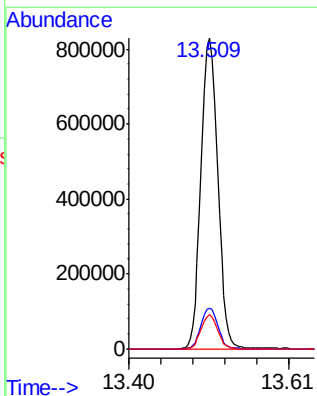
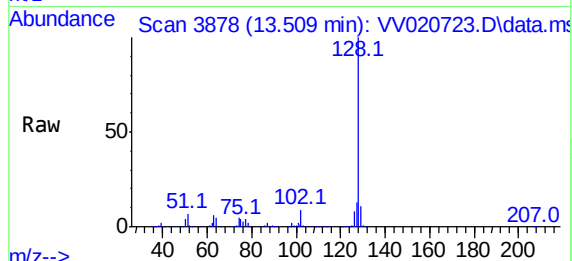


#69
Naphthalene
Concen: 53.60 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD05090

Tgt Ion:128 Resp: 1265326

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	10.7	8.7	13.1



#70
1,2,3-Trichlorobenzene
Concen: 50.37 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020723.D
Acq: 24 Mar 2021 09:34

Tgt Ion:180 Resp: 415967

Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.2	112.8
145	32.6	25.5	38.3

