

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020694.D
 Acq On : 22 Mar 2021 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Quant Time: Mar 23 02:03:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	444465	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	430812	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.252	152	235909	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	168850	47.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.20%
7) Chloroethane-d5	1.571	69	120733	42.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.18%
11) 1,1-Dichloroethene-d2	2.111	63	296733	43.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.08%
21) 2-Butanone-d5	3.889	46	219233	95.28	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.28%
24) Chloroform-d	4.352	84	302873	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.034	65	201056	48.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.80%
32) Benzene-d6	5.053	84	580122	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
36) 1,2-Dichloropropane-d6	6.072	67	185355	48.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.34%
41) Toluene-d8	7.317	98	535383	50.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.22%
43) trans-1,3-Dichloroprop...	7.622	79	93159	52.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.68%
47) 2-Hexanone-d5	8.088	63	158089	110.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.95%
57) 1,1,2,2-Tetrachloroeth...	10.220	84	271644	57.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.16%
64) 1,2-Dichlorobenzene-d4	11.628	152	212972	46.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.18%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	195975	53.41	ug/L	99
3) Chloromethane	1.243	50	209396	49.33	ug/L	100
5) Vinyl chloride	1.314	62	201227	47.28	ug/L	98
6) Bromomethane	1.526	94	111303	44.39	ug/L	97
8) Chloroethane	1.587	64	110983	42.97	ug/L	100
9) Trichlorofluoromethane	1.754	101	284777	50.21	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	146593	47.40	ug/L	95
12) 1,1-Dichloroethene	2.121	96	133613	44.53	ug/L	84
13) Acetone	2.182	43	213296	113.49	ug/L	97
14) Carbon disulfide	2.294	76	430120	47.28	ug/L	99
15) Methyl Acetate	2.436	43	183575	51.00	ug/L	98
16) Methylene chloride	2.510	84	169990	48.90	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	161569	50.41	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	492314	50.50	ug/L	100
19) 1,1-Dichloroethane	3.192	63	304802	49.84	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	169950	51.36	ug/L	92
22) 2-Butanone	3.973	43	266110	102.36	ug/L	95
23) Bromochloromethane	4.249	128	89558	54.24	ug/L	96
25) Chloroform	4.378	83	322349	50.46	ug/L	98
27) 1,2-Dichloroethane	5.134	62	255663	50.67	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032221\
 Data File : VW020694.D
 Acq On : 22 Mar 2021 10:45
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

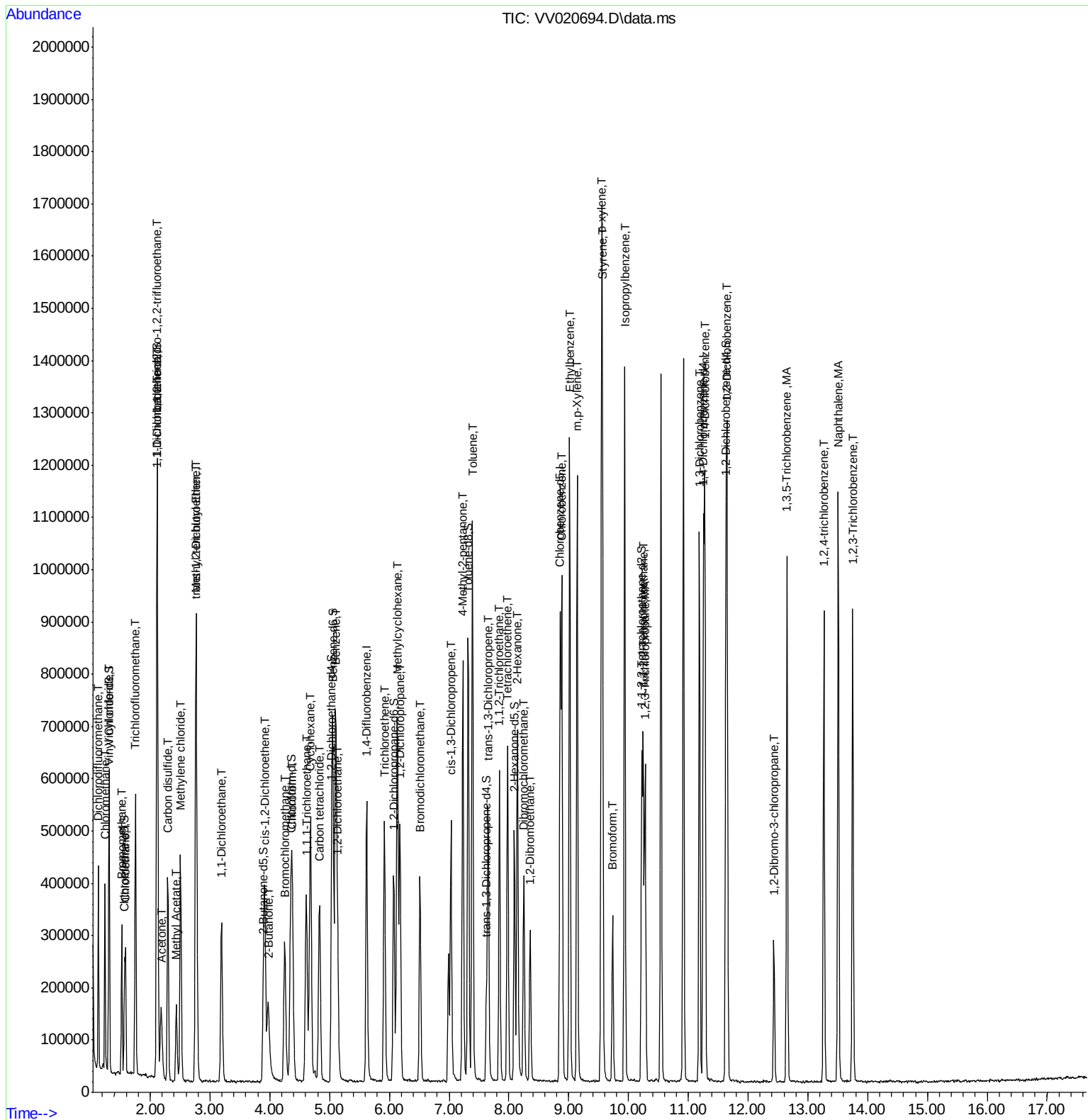
Quant Time: Mar 23 02:03:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 00:20:14 2021
 Response via : Initial Calibration

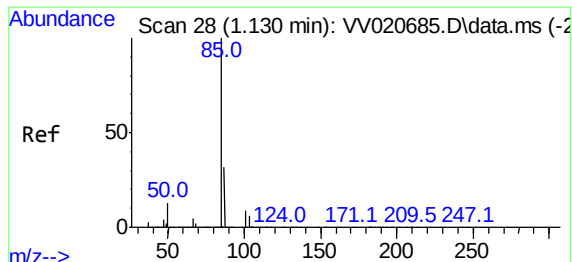
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.680	56	264330	50.10	ug/L	99
30) 1,1,1-Trichloroethane	4.613	97	276702	53.14	ug/L	99
31) Carbon tetrachloride	4.831	117	233722	55.25	ug/L	99
33) Benzene	5.101	78	672316	51.72	ug/L	100
34) Trichloroethene	5.918	95	173401	47.28	ug/L	96
35) Methylcyclohexane	6.133	83	270794	53.72	ug/L	99
37) 1,2-Dichloropropane	6.175	63	176751	52.08	ug/L	99
38) Bromodichloromethane	6.513	83	241022	53.93	ug/L	98
39) cis-1,3-Dichloropropene	7.031	75	262538	52.15	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	536413	105.08	ug/L	98
42) Toluene	7.391	91	734735	54.14	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	274853	55.54	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	170214	53.82	ug/L	100
46) Tetrachloroethene	7.979	164	133527	56.74	ug/L	96
48) 2-Hexanone	8.143	43	421236	105.65	ug/L	98
49) Dibromochloromethane	8.249	129	187902	57.06	ug/L	98
50) 1,2-Dibromoethane	8.355	107	179205	52.91	ug/L	99
51) Chlorobenzene	8.886	112	467971	53.31	ug/L	98
52) Ethylbenzene	9.014	91	823347	53.60	ug/L	99
53) m,p-Xylene	9.143	106	304612	54.30	ug/L	95
54) o-xylene	9.548	106	300695	55.37	ug/L	97
55) Styrene	9.564	104	537373	56.67	ug/L	96
56) Isopropylbenzene	9.937	105	814334	55.42	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	298822	63.62	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	226179	52.59	ug/L	100
61) Bromoform	9.735	173	129207	55.26	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	387121	51.67	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	397554	50.84	ug/L	97
65) 1,2-Dichlorobenzene	11.648	146	385689	51.72	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.435	75	61958	55.02	ug/L	91
67) 1,3,5-Trichlorobenzene	12.651	180	277172	51.95	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	241101	52.05	ug/L	96
69) Naphthalene	13.509	128	814448	54.08	ug/L	100
70) 1,2,3-Trichlorobenzene	13.751	180	251310	54.73	ug/L	97

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

Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

Quant Time: Mar 23 02:03:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 20 00:20:14 2021
Response via : Initial Calibration

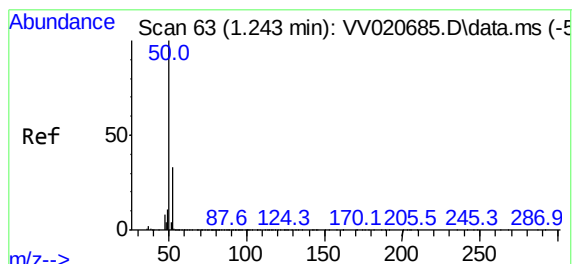
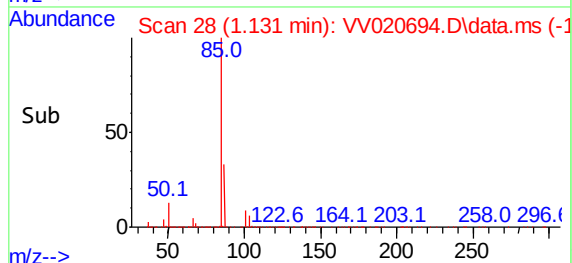
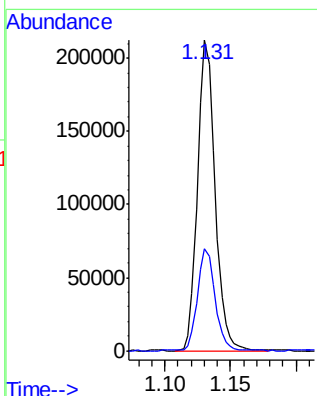
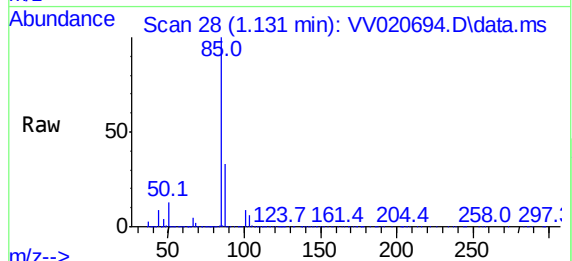




#2
Dichlorodifluoromethane
Concen: 53.41 ug/L
RT: 1.131 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

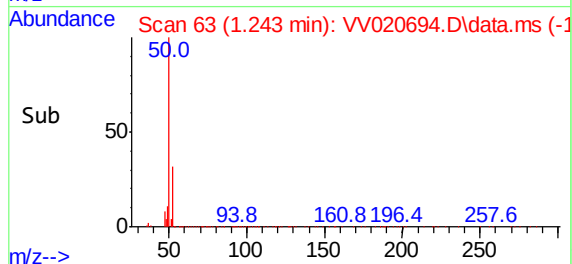
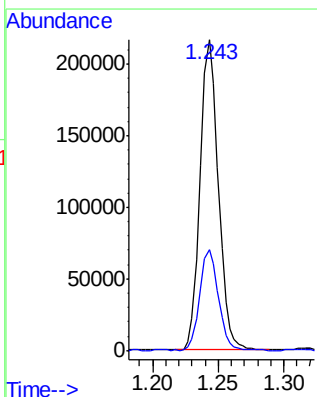
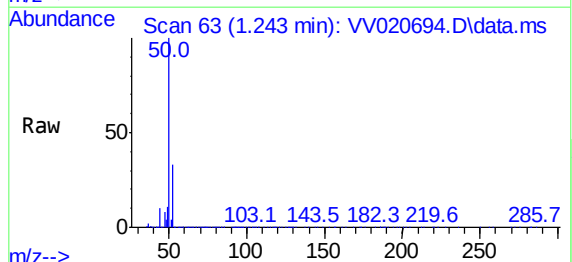
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

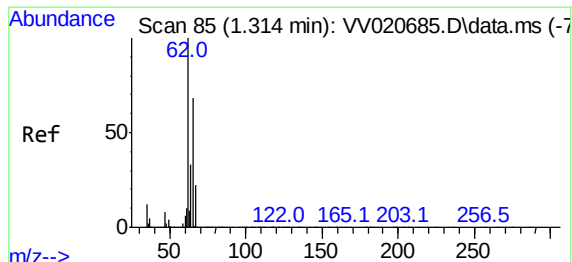
Tgt Ion: 85 Resp: 195975
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9



#3
Chloromethane
Concen: 49.33 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 50 Resp: 209396
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.1

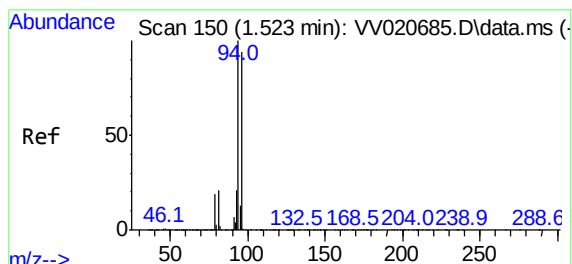
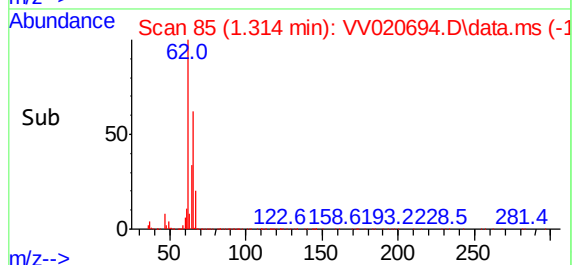
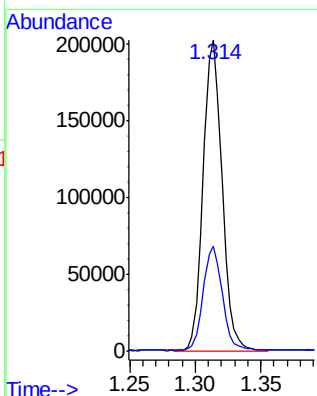
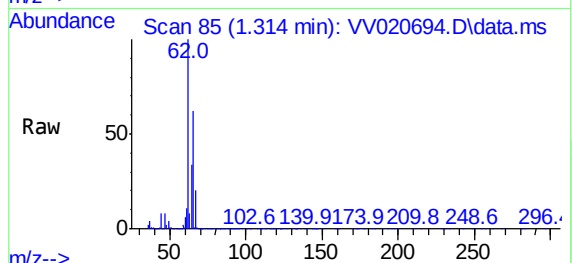




#5
 Vinyl chloride
 Concen: 47.28 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV020694.D
 Acq: 22 Mar 2021 10:45

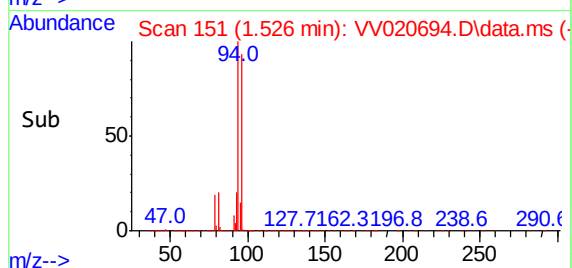
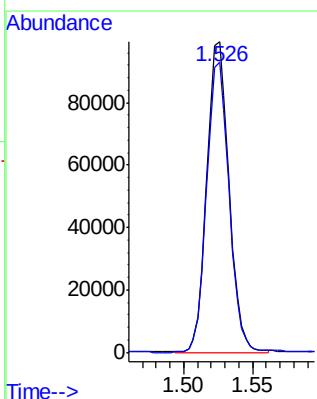
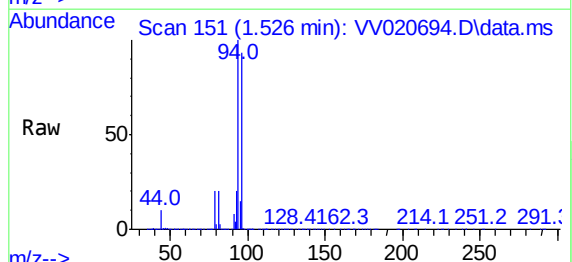
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

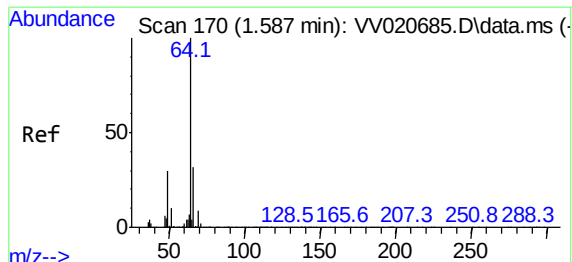
Tgt Ion: 62 Resp: 201227
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.6



#6
 Bromomethane
 Concen: 44.39 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV020694.D
 Acq: 22 Mar 2021 10:45

Tgt Ion: 94 Resp: 111303
 Ion Ratio Lower Upper
 94 100
 96 93.4 63.6 118.2

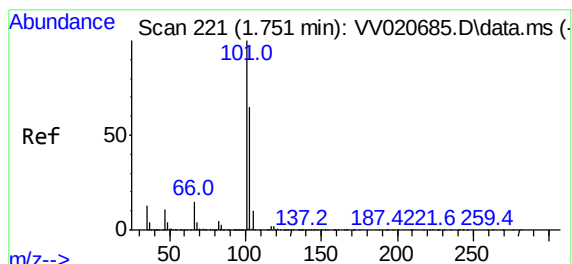
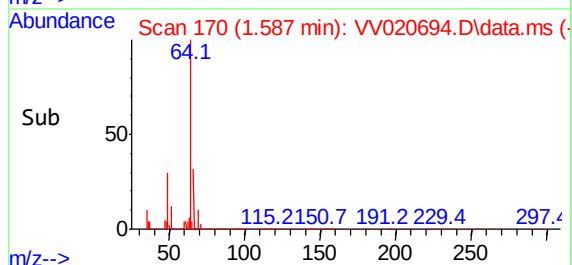
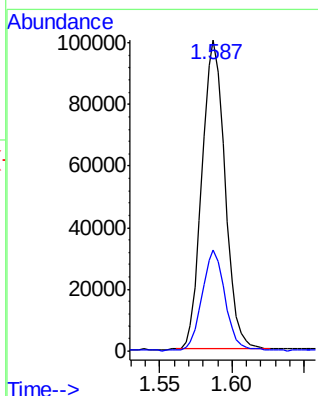
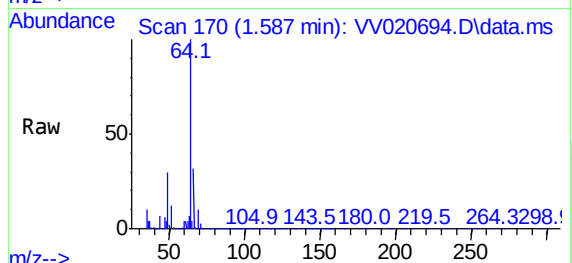




#8
Chloroethane
Concen: 42.97 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

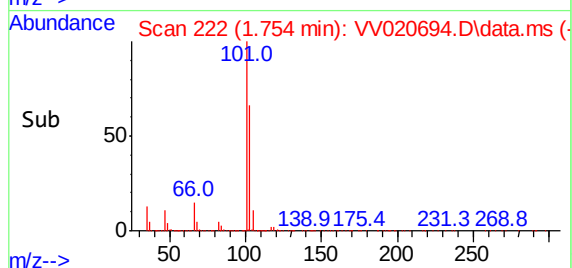
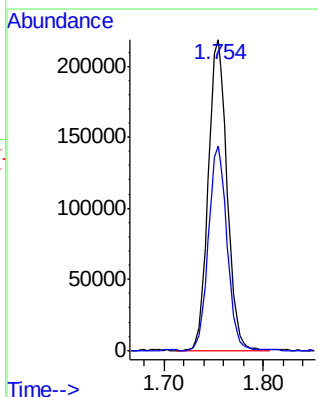
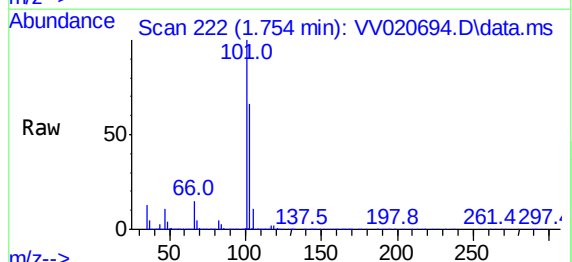
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

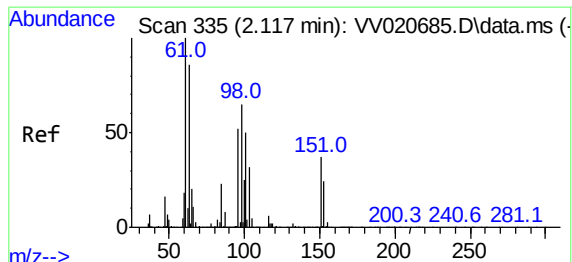
Tgt Ion: 64 Resp: 110983
Ion Ratio Lower Upper
64 100
66 32.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 50.21 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 101 Resp: 284777
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5



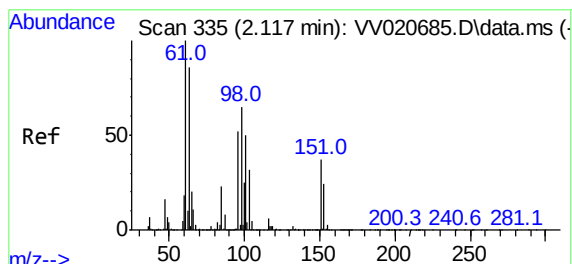
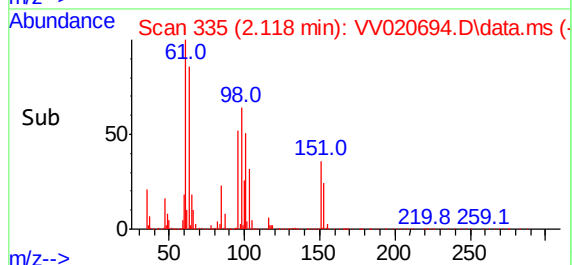
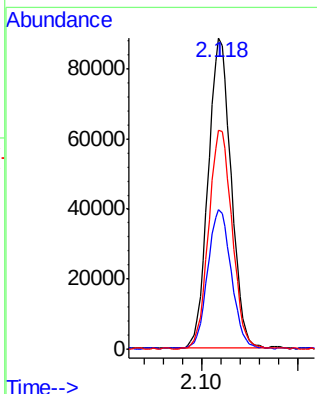
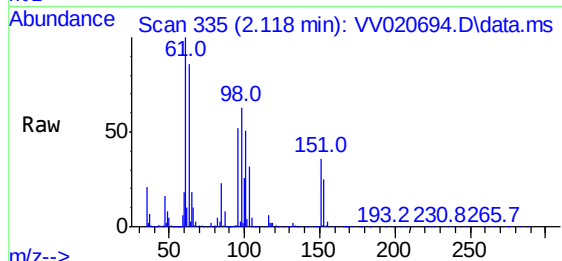


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 47.40 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV020694.D
 Acq: 22 Mar 2021 10:45

Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05087

Tgt Ion:101 Resp: 146593

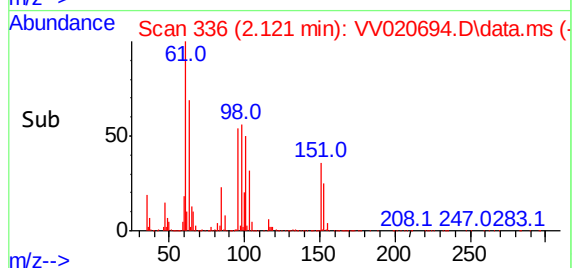
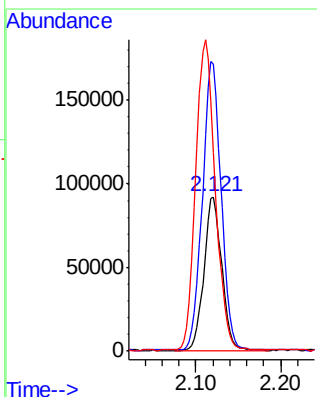
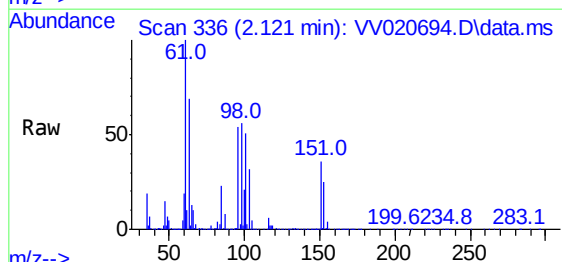
Ion	Ratio	Lower	Upper
101	100		
85	46.0	35.3	52.9
151	72.1	53.6	80.4

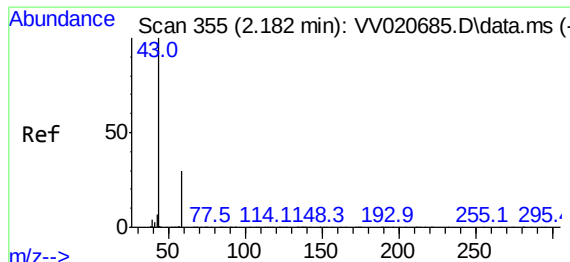


#12
 1,1-Dichloroethene
 Concen: 44.53 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV020694.D
 Acq: 22 Mar 2021 10:45

Tgt Ion: 96 Resp: 133613

Ion	Ratio	Lower	Upper
96	100		
61	186.2	134.9	250.5
63	129.1	117.6	218.4

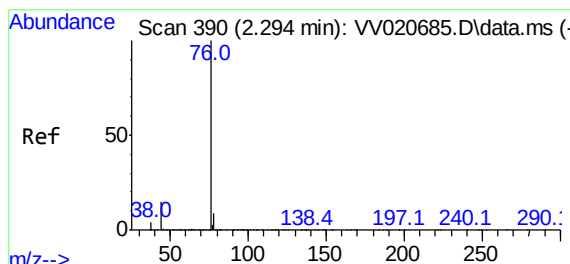
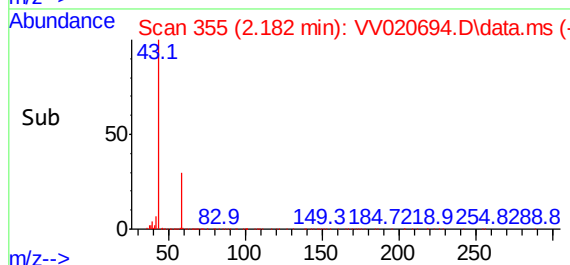
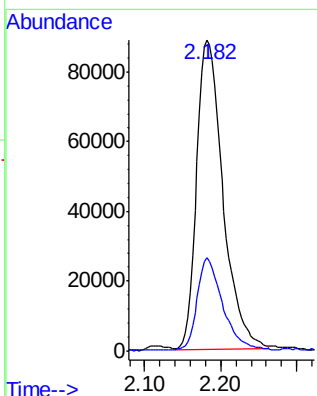
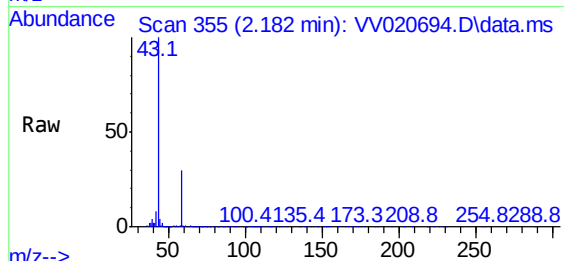




#13
Acetone
Concen: 113.49 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.010 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

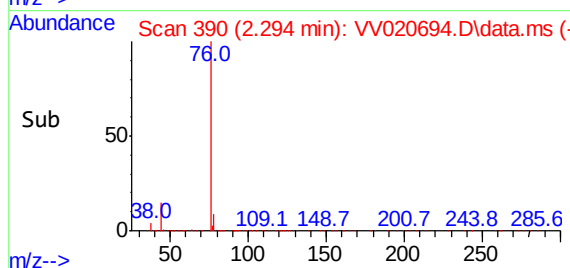
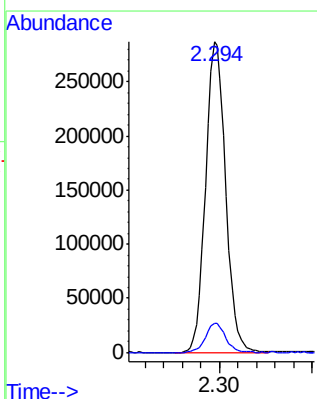
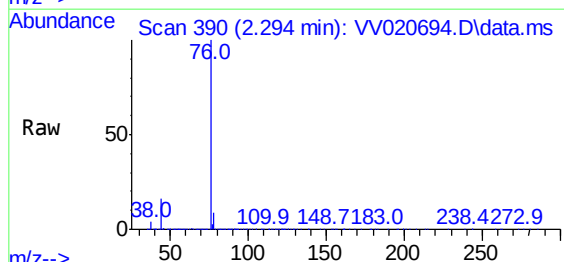
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

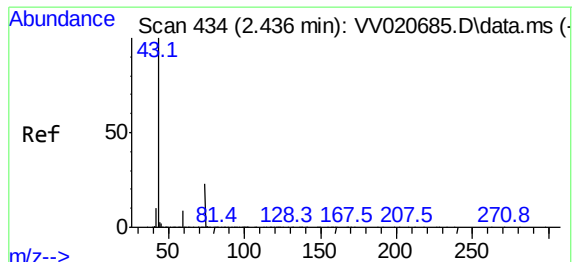
Tgt Ion: 43 Resp: 213296
Ion Ratio Lower Upper
43 100
58 28.2 0.0 60.2



#14
Carbon disulfide
Concen: 47.28 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.003 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 76 Resp: 430120
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

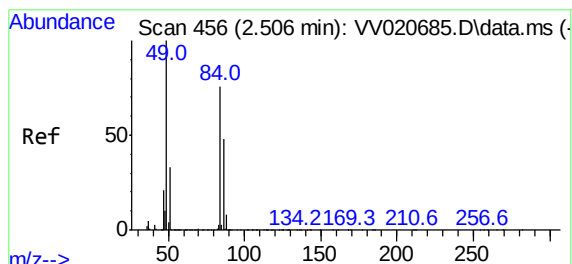
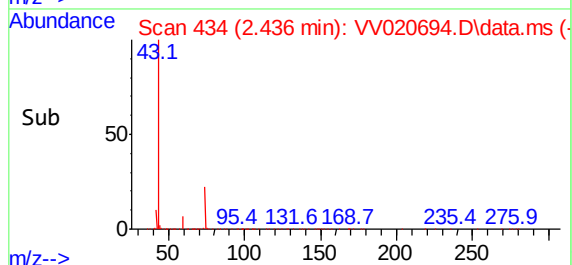
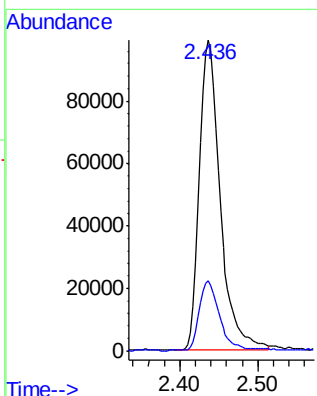
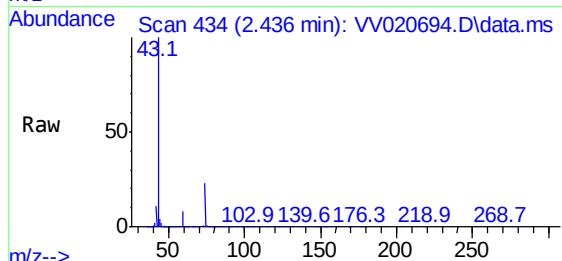




#15
Methyl Acetate
Concen: 51.00 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.003 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

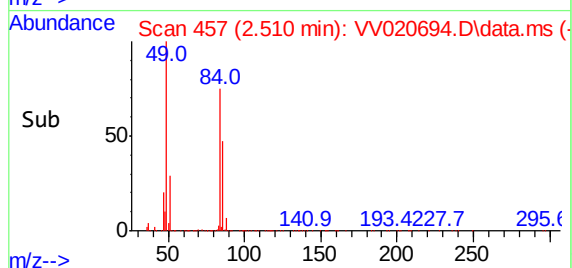
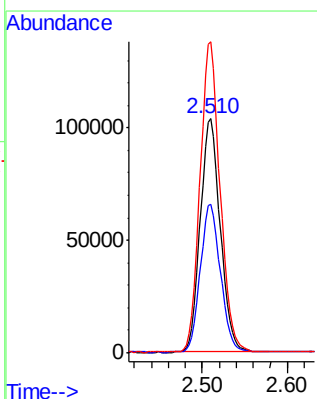
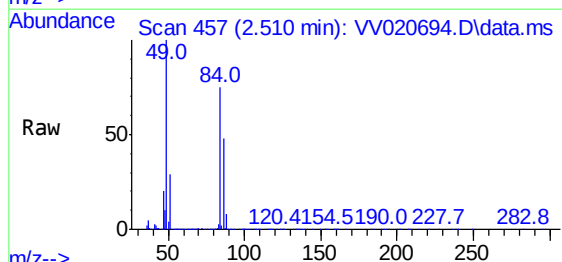
Instrument :
MSVOA_V
ClientSampled :
VSTD05087

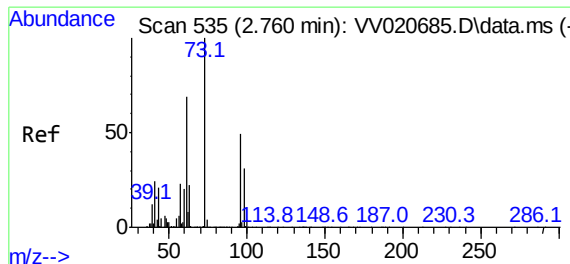
Tgt Ion: 43 Resp: 183575
Ion Ratio Lower Upper
43 100
74 21.3 17.6 26.4



#16
Methylene chloride
Concen: 48.90 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 84 Resp: 169990
Ion Ratio Lower Upper
84 100
86 63.3 44.6 82.8
49 133.2 94.6 175.8

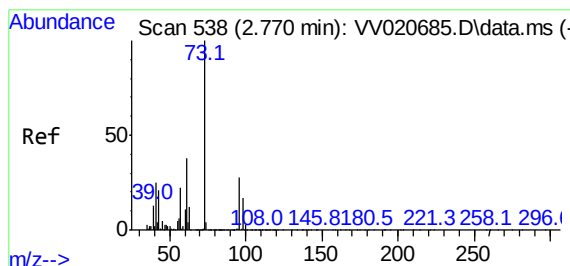
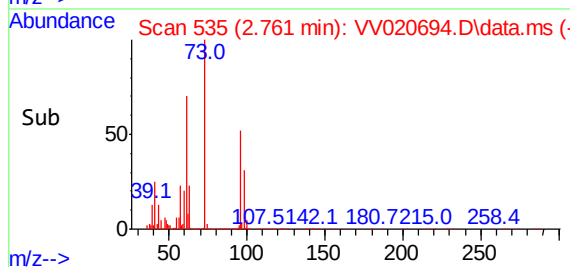
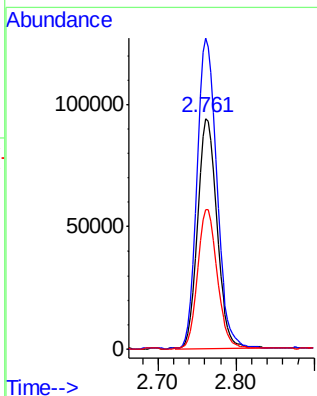
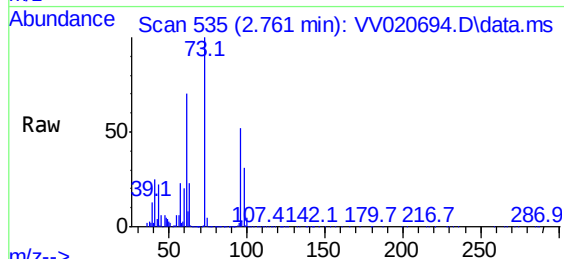




#17
trans-1,2-Dichloroethene
Concen: 50.41 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

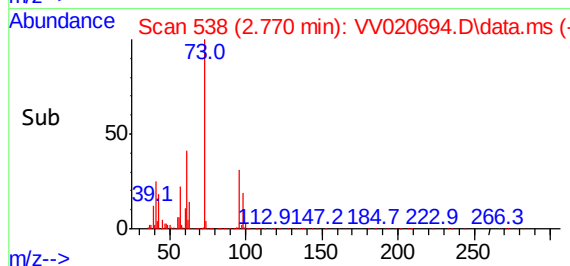
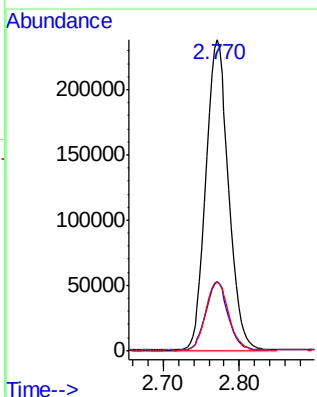
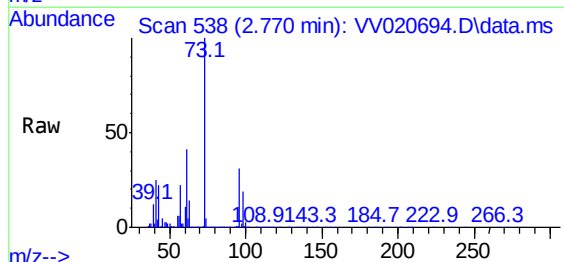
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

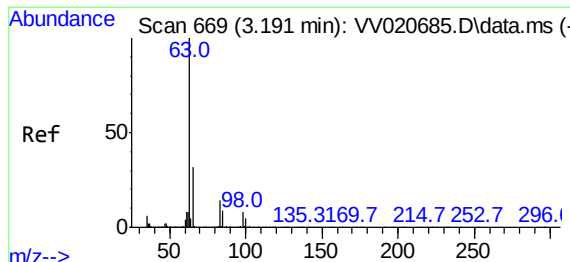
Tgt Ion: 96 Resp: 161569
Ion Ratio Lower Upper
96 100
61 135.0 103.1 191.5
98 60.6 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 50.50 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 73 Resp: 492314
Ion Ratio Lower Upper
73 100
43 21.6 17.3 25.9
57 22.6 17.9 26.9

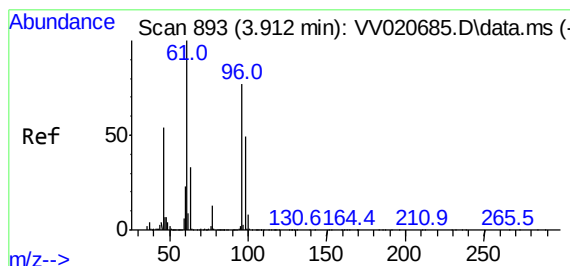
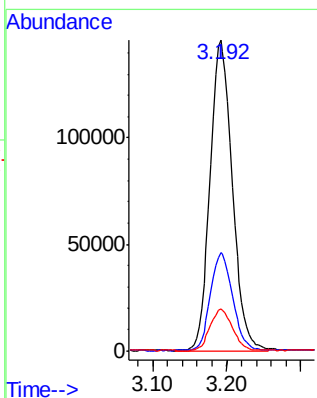
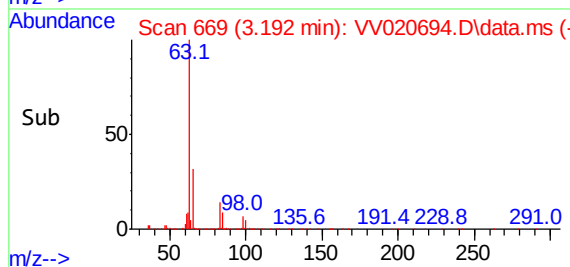
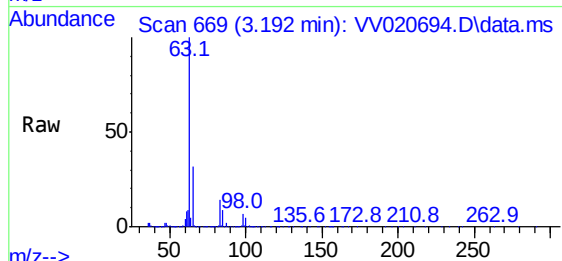




#19
1,1-Dichloroethane
Concen: 49.84 ug/L
RT: 3.192 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

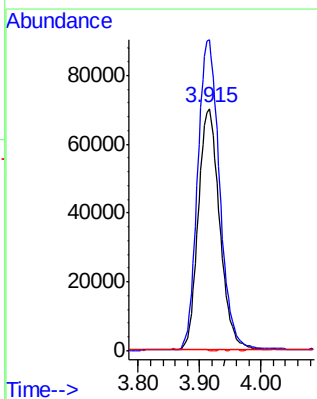
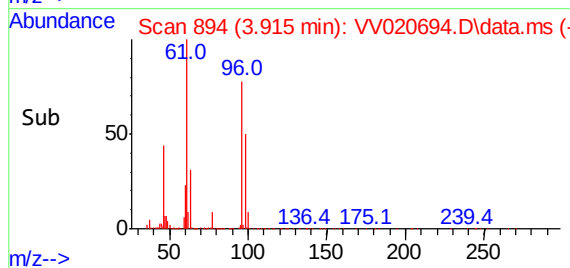
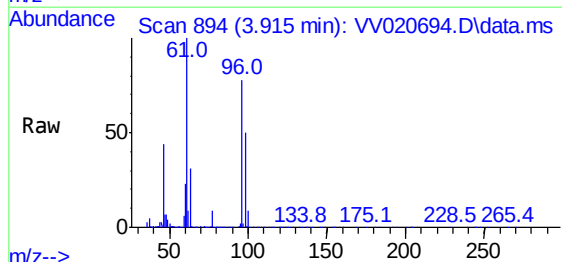
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

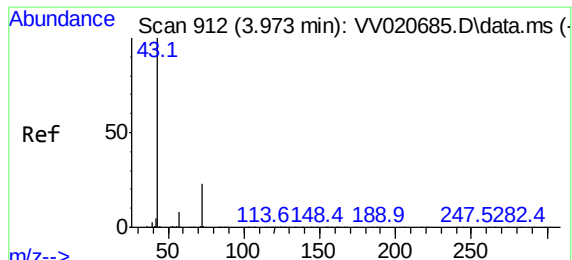
Tgt Ion: 63 Resp: 304802
Ion Ratio Lower Upper
63 100
65 31.6 21.9 40.7
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 51.36 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 96 Resp: 169950
Ion Ratio Lower Upper
96 100
61 128.3 96.9 179.9
68 0.0 0.0 0.0

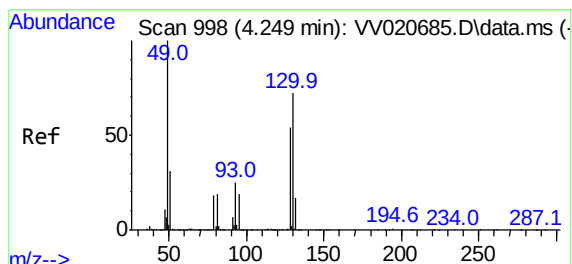
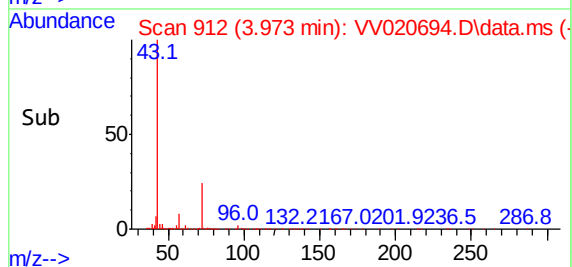
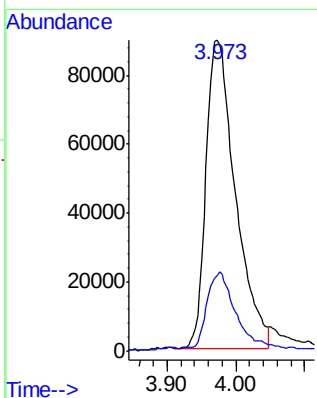
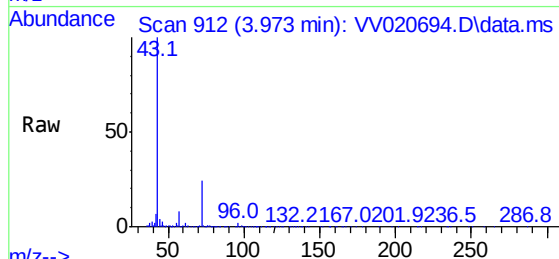




#22
2-Butanone
Concen: 102.36 ug/L
RT: 3.973 min Scan# 912
Delta R.T. -0.006 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

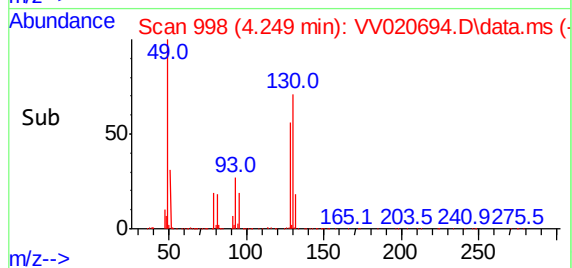
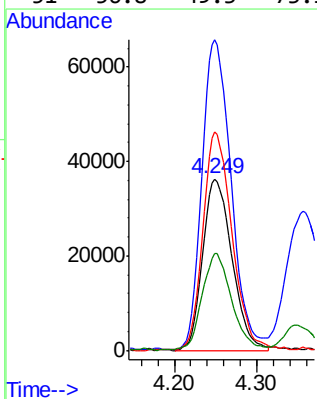
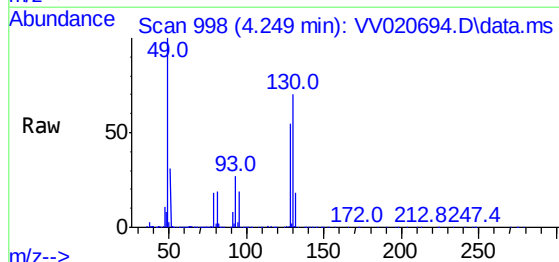
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

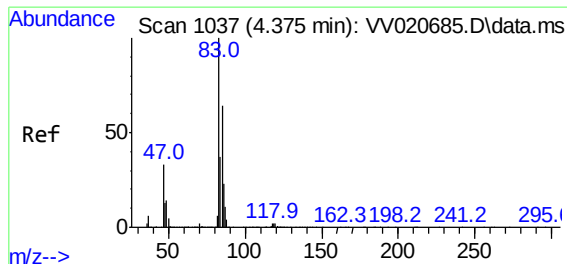
Tgt Ion: 43 Resp: 266110
Ion Ratio Lower Upper
43 100
72 21.9 12.2 36.6



#23
Bromochloromethane
Concen: 54.24 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.003 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 128 Resp: 89558
Ion Ratio Lower Upper
128 100
49 181.5 133.1 247.1
130 127.7 89.0 165.4
51 56.8 49.3 73.9

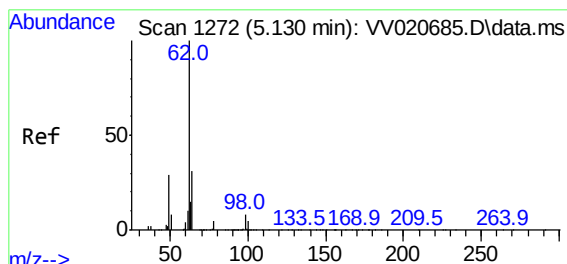
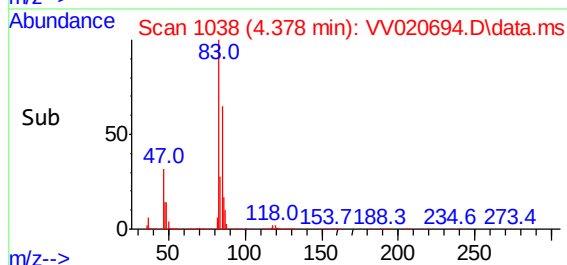
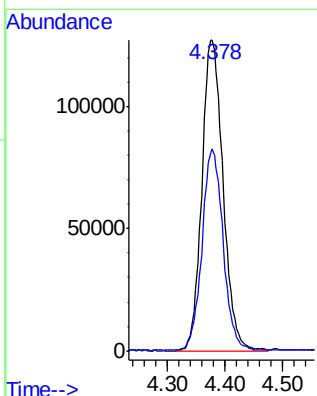
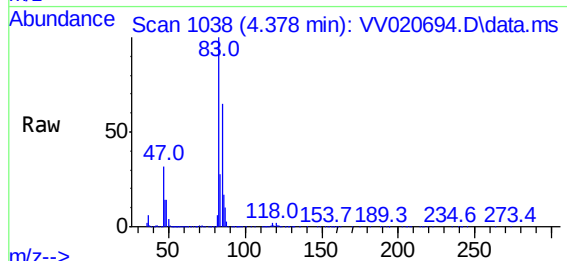




#25
Chloroform
Concen: 50.46 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

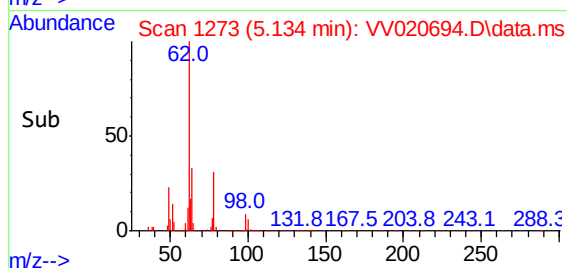
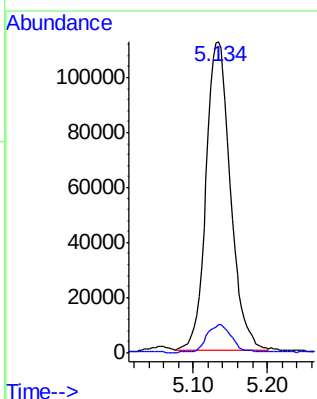
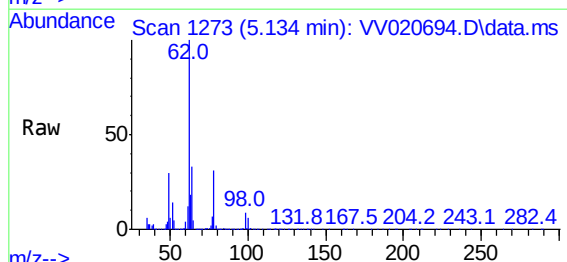
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

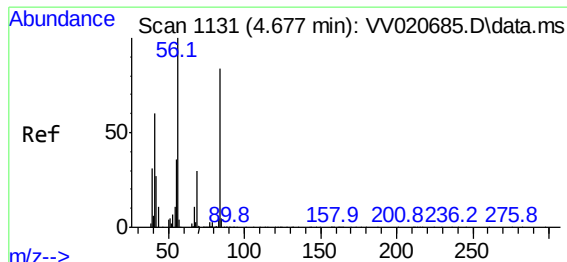
Tgt Ion: 83 Resp: 322349
Ion Ratio Lower Upper
83 100
85 64.9 44.2 82.2



#27
1,2-Dichloroethane
Concen: 50.67 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 62 Resp: 255663
Ion Ratio Lower Upper
62 100
98 8.9 6.9 10.3

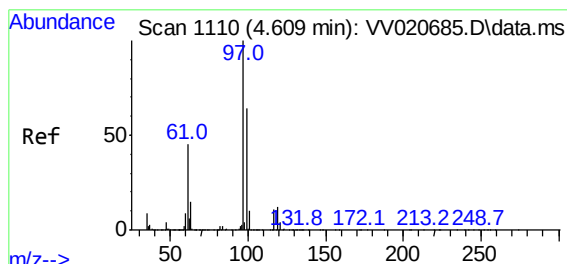
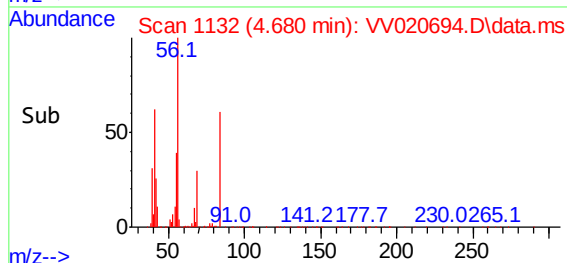
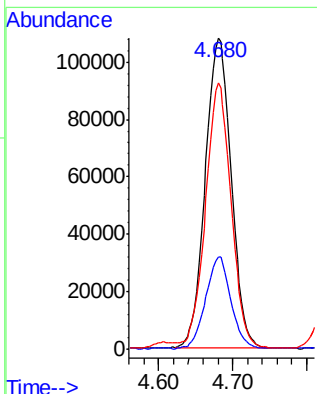
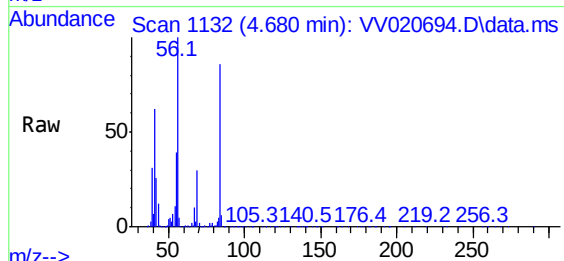




#29
Cyclohexane
Concen: 50.10 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

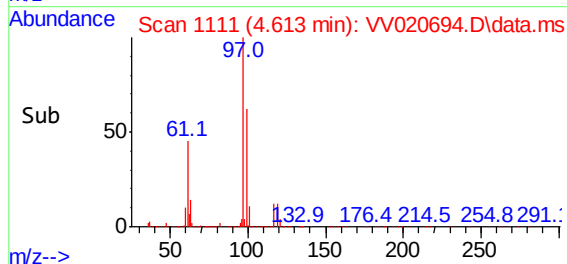
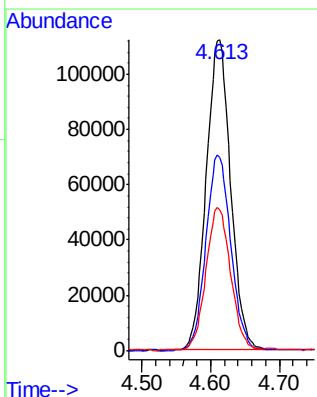
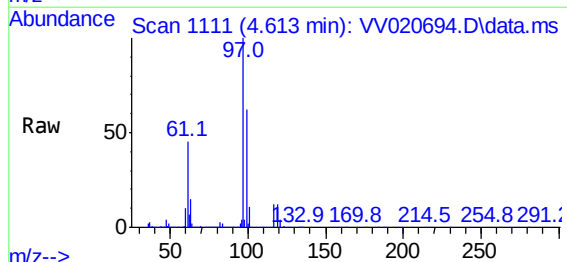
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

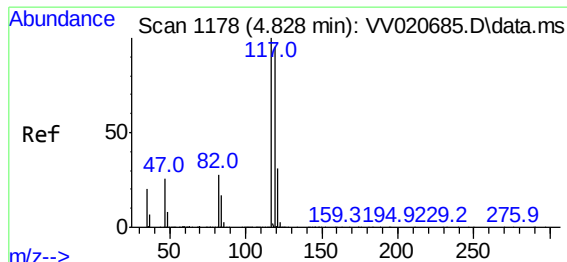
Tgt Ion: 56 Resp: 264330
Ion Ratio Lower Upper
56 100
69 28.9 24.2 36.2
84 83.7 66.3 99.5



#30
1,1,1-Trichloroethane
Concen: 53.14 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 97 Resp: 276702
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 46.4 38.5 57.7

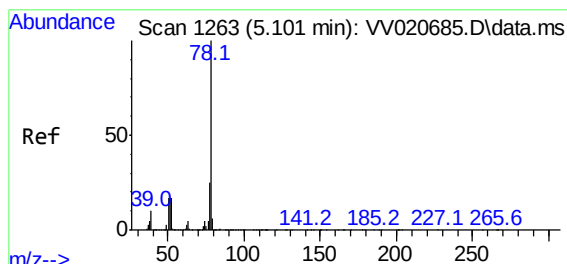
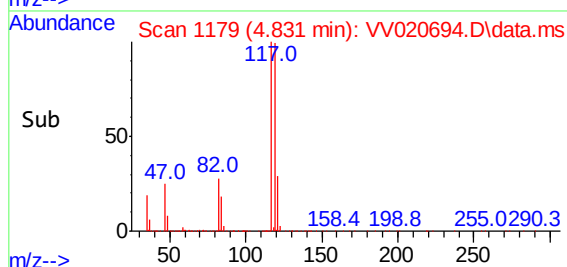
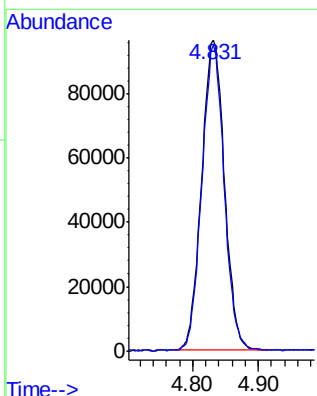
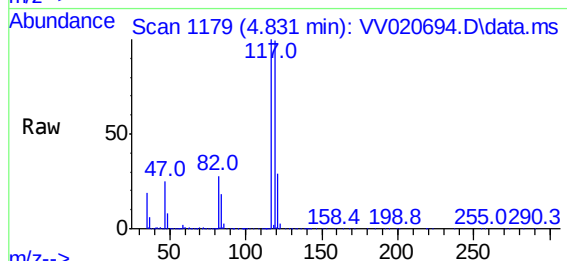




#31
Carbon tetrachloride
Concen: 55.25 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

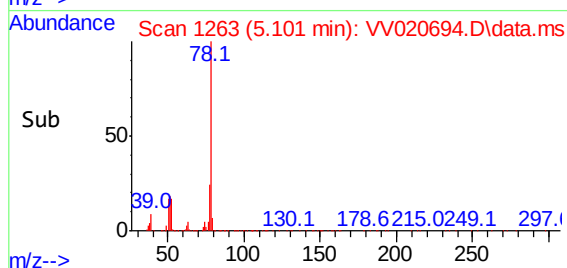
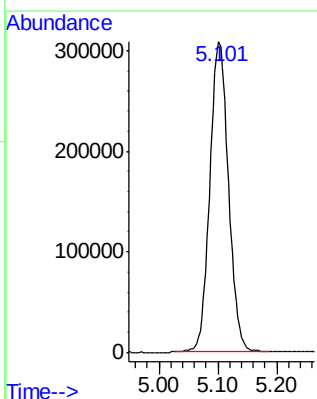
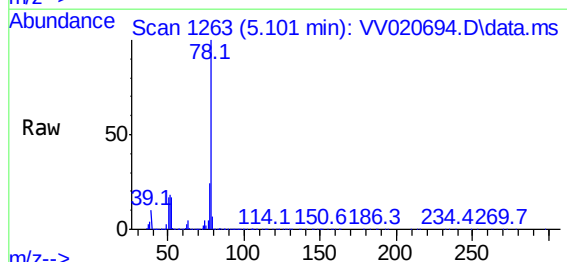
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

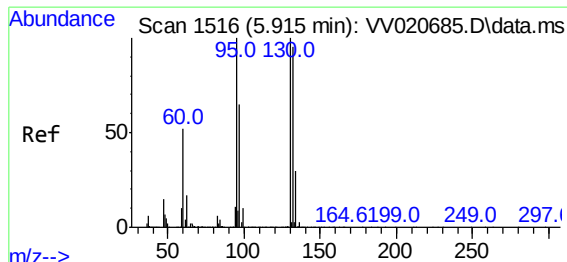
Tgt Ion:117 Resp: 233722
Ion Ratio Lower Upper
117 100
119 96.1 76.3 114.5



#33
Benzene
Concen: 51.72 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 78 Resp: 672316



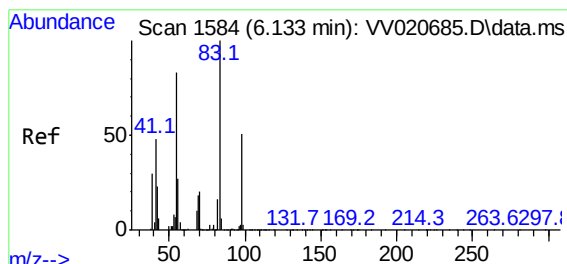
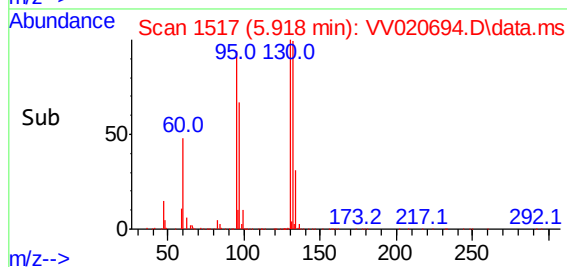
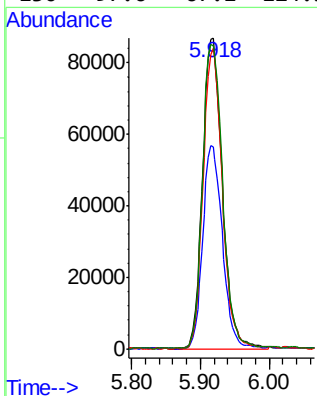
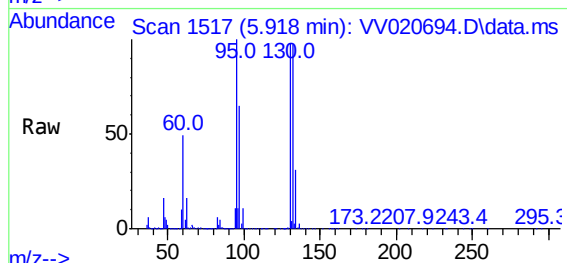


#34
Trichloroethene
Concen: 47.28 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

Tgt Ion: 95 Resp: 173401

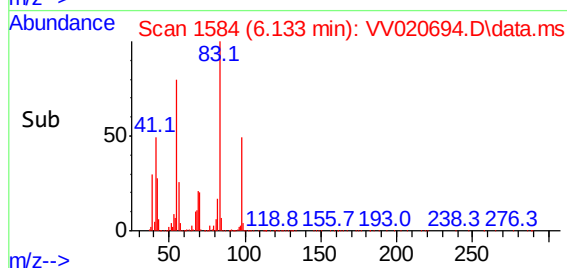
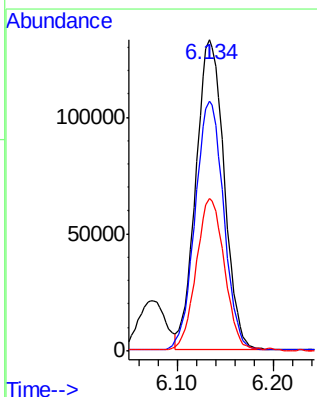
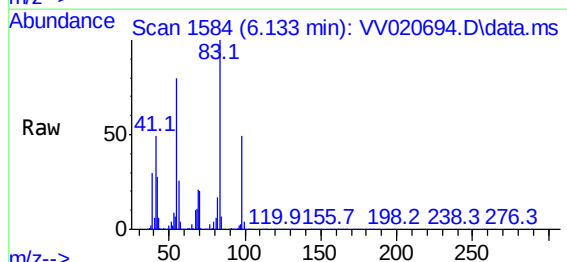
Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.5	82.7
132	96.8	63.4	117.8
130	97.6	67.1	124.5

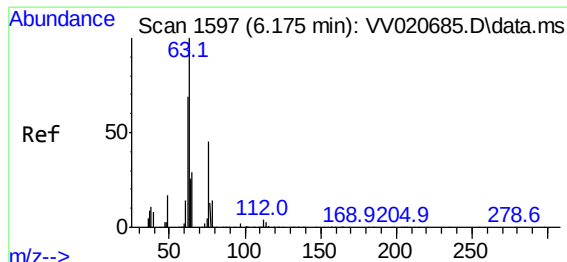


#35
Methylcyclohexane
Concen: 53.72 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 83 Resp: 270794

Ion	Ratio	Lower	Upper
83	100		
55	81.1	65.1	97.7
98	48.9	38.2	57.2

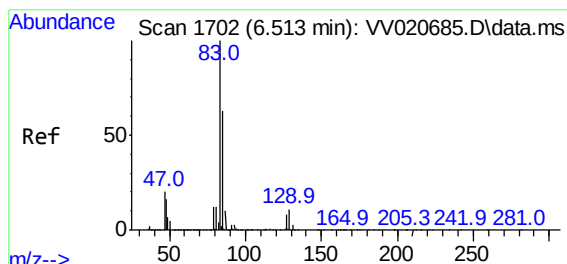
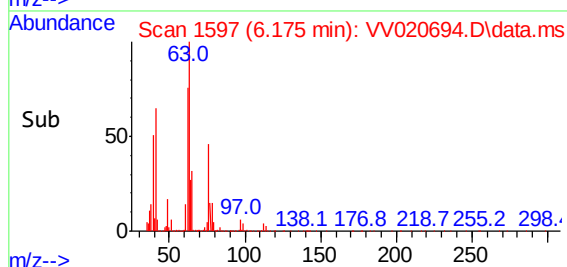
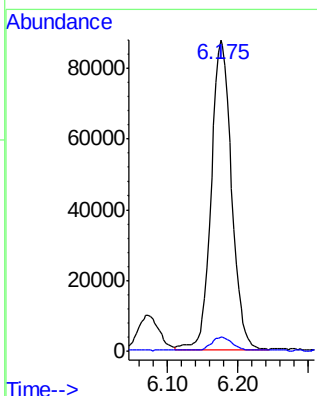
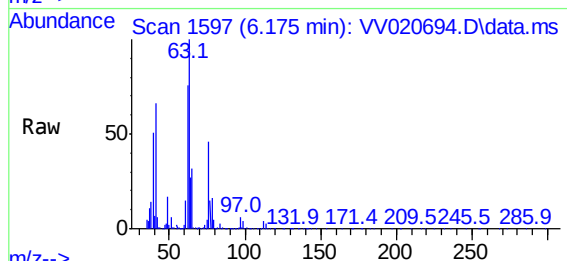




#37
1,2-Dichloropropane
Concen: 52.08 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. -0.003 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

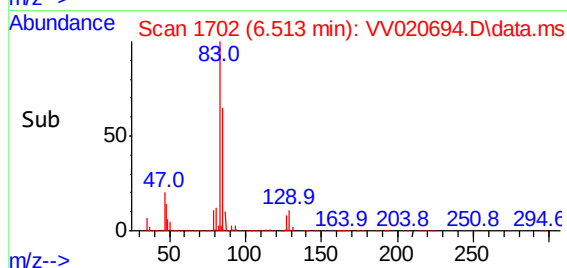
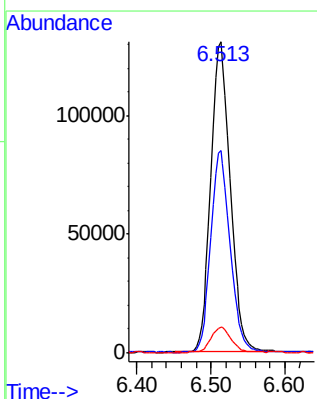
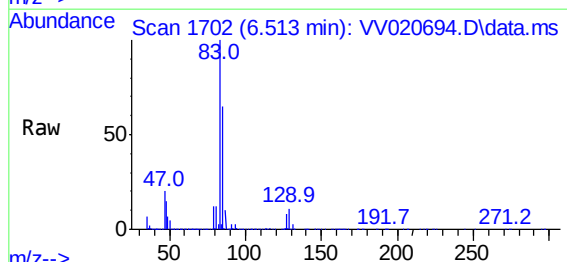
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

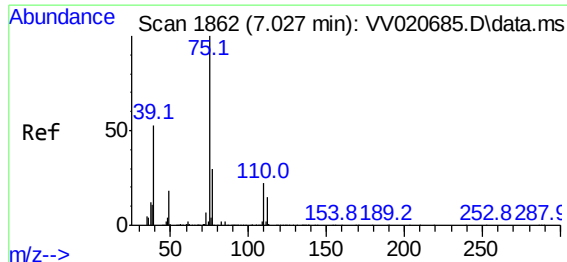
Tgt Ion: 63 Resp: 176751
Ion Ratio Lower Upper
63 100
112 4.4 3.3 4.9



#38
Bromodichloromethane
Concen: 53.93 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 83 Resp: 241022
Ion Ratio Lower Upper
83 100
85 65.1 44.5 82.7
127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 52.15 ug/L

RT: 7.031 min Scan# 1863

Delta R.T. 0.000 min

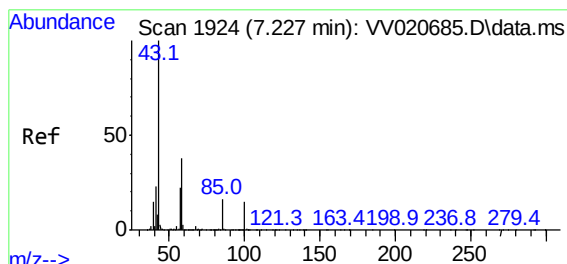
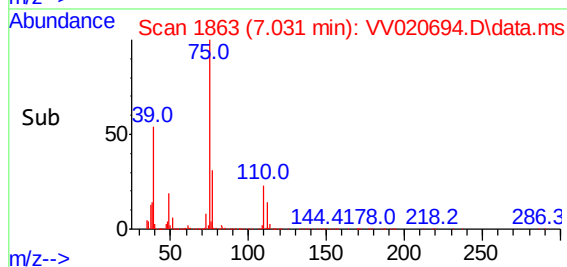
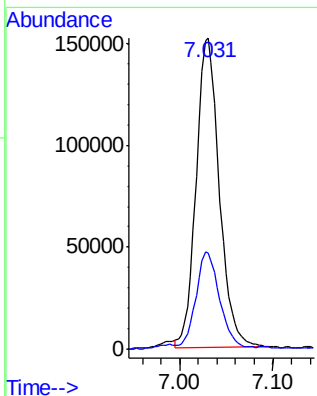
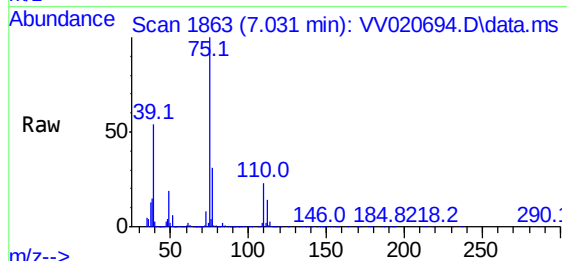
Lab File: VV020694.D

Acq: 22 Mar 2021 10:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

Tgt Ion: 75 Resp: 262538

Ion	Ratio	Lower	Upper
75	100		
77	30.9	21.8	40.6



#40

4-Methyl-2-pentanone

Concen: 105.08 ug/L

RT: 7.230 min Scan# 1925

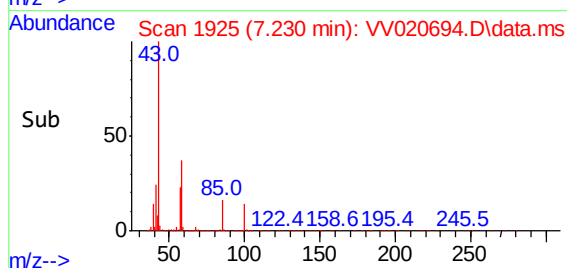
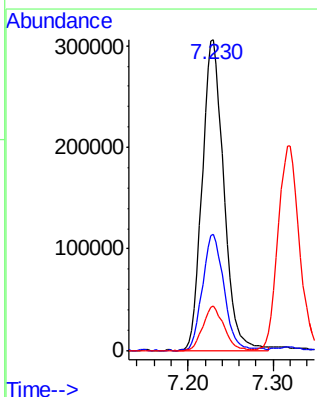
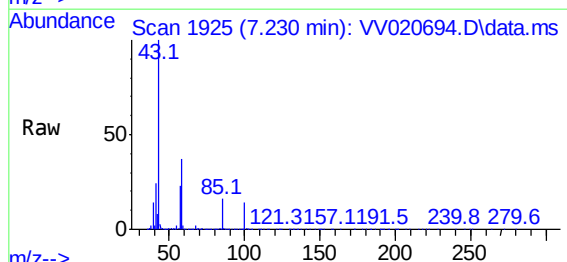
Delta R.T. 0.000 min

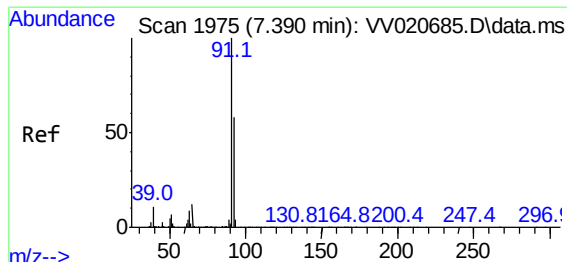
Lab File: VV020694.D

Acq: 22 Mar 2021 10:45

Tgt Ion: 43 Resp: 536413

Ion	Ratio	Lower	Upper
43	100		
58	37.2	30.7	46.1
100	13.9	11.6	17.4





#42

Toluene

Concen: 54.14 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV020694.D

Acq: 22 Mar 2021 10:45

Tgt Ion: 91 Resp: 734735

Ion Ratio Lower Upper

91 100

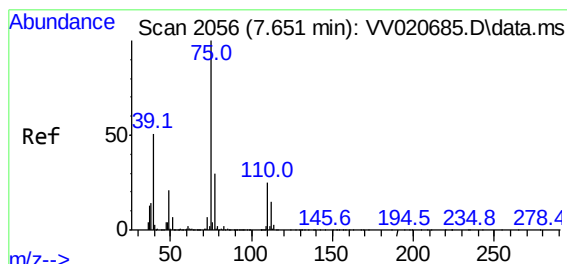
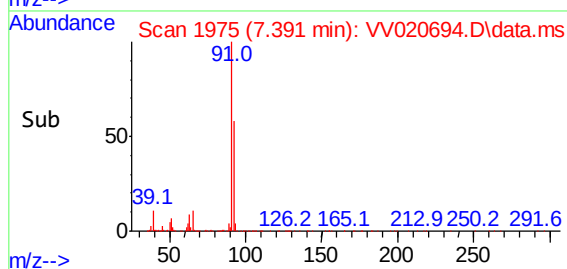
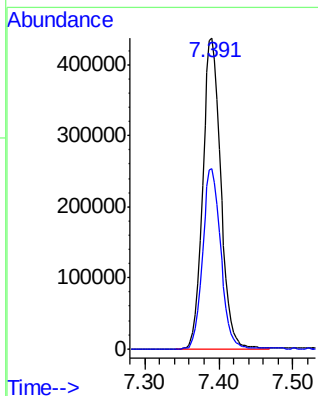
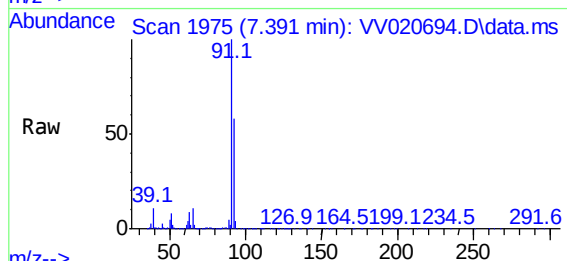
92 57.8 40.7 75.7

Instrument :

MSVOA_V

ClientSampleId :

VSTD05087



#44

trans-1,3-Dichloropropene

Concen: 55.54 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.003 min

Lab File: VV020694.D

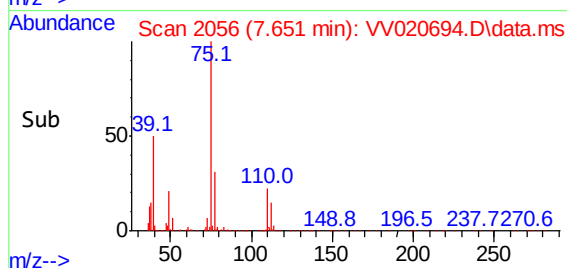
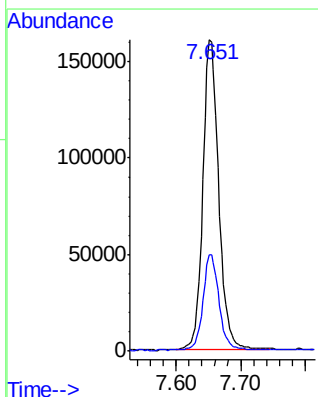
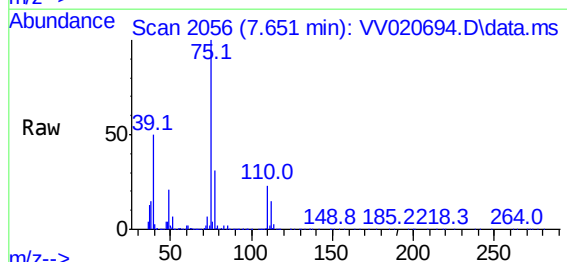
Acq: 22 Mar 2021 10:45

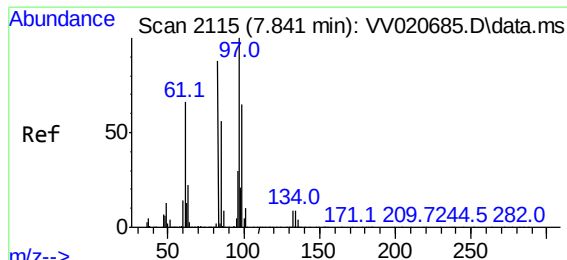
Tgt Ion: 75 Resp: 274853

Ion Ratio Lower Upper

75 100

77 30.6 22.0 41.0



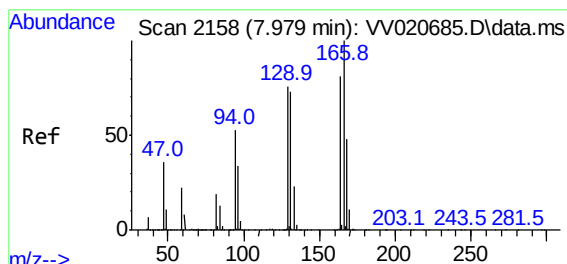
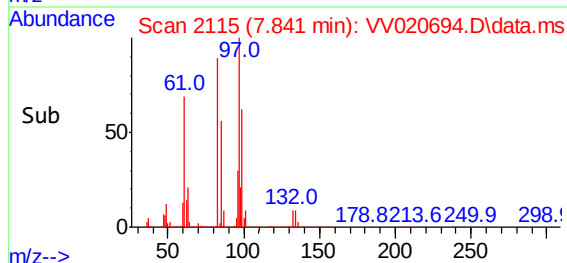
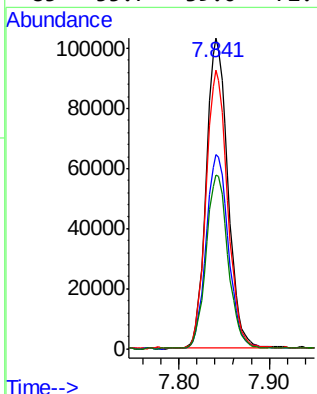
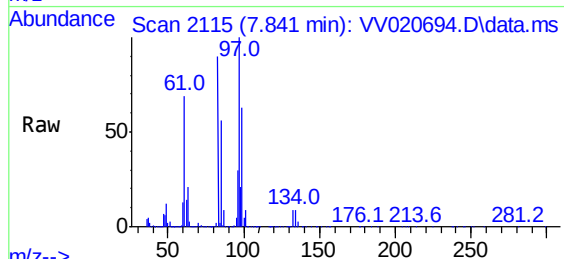


#45
1,1,2-Trichloroethane
Concen: 53.82 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

Tgt Ion: 97 Resp: 170214

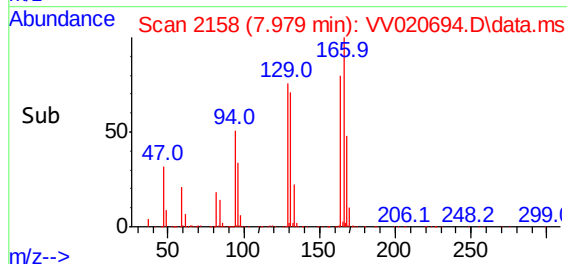
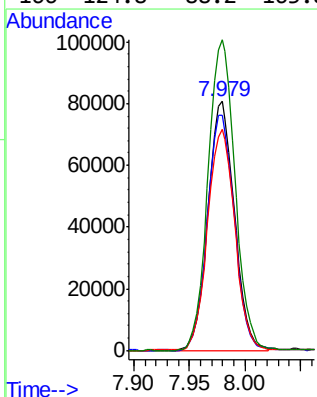
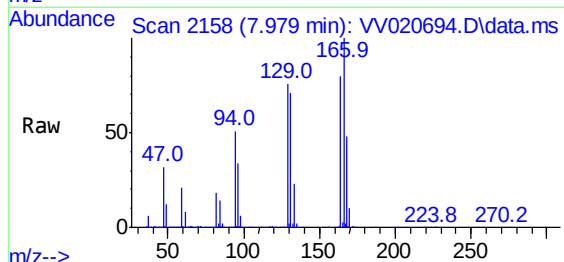
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	89.6	62.2	115.4
85	55.7	39.0	72.4

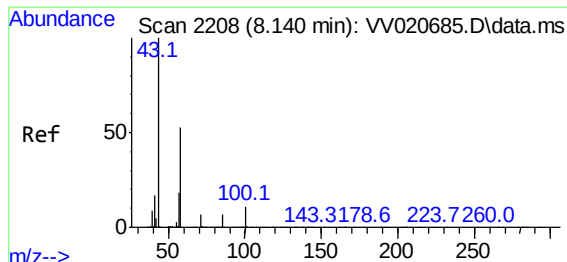


#46
Tetrachloroethene
Concen: 56.74 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 164 Resp: 133527

Ion	Ratio	Lower	Upper
164	100		
129	94.7	70.6	131.0
131	88.9	66.8	124.0
166	124.8	88.2	163.8

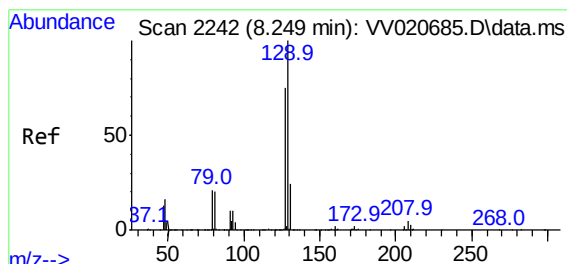
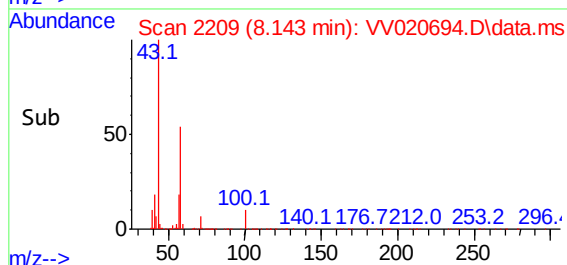
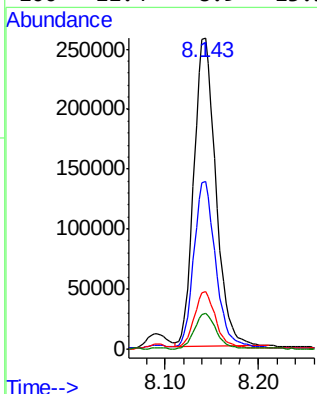
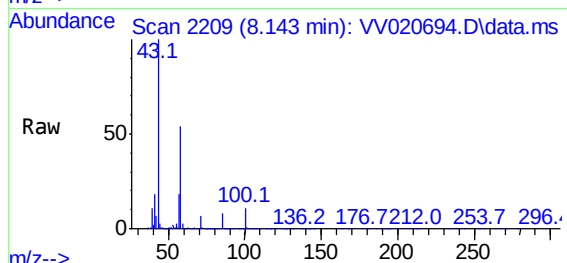




#48
2-Hexanone
Concen: 105.65 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

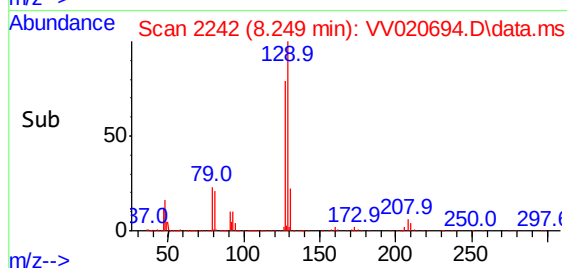
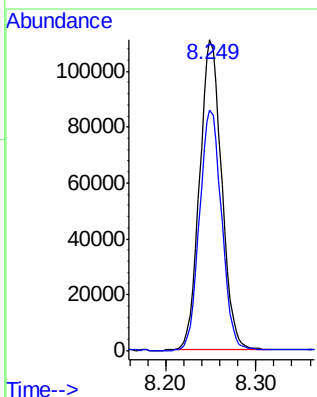
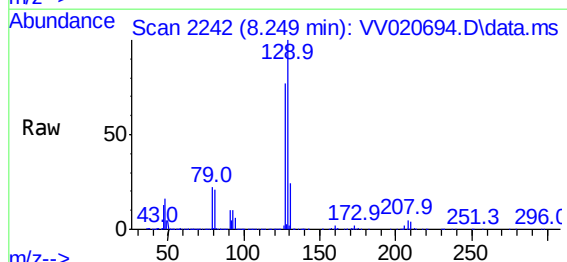
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

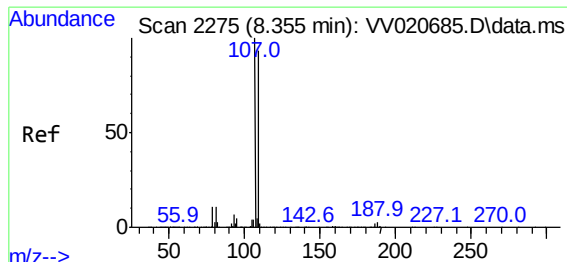
Tgt Ion: 43 Resp: 421236
Ion Ratio Lower Upper
43 100
58 54.4 41.8 62.6
57 17.9 15.0 22.4
100 11.4 8.9 13.3



#49
Dibromochloromethane
Concen: 57.06 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 129 Resp: 187902
Ion Ratio Lower Upper
129 100
127 77.5 55.2 102.6

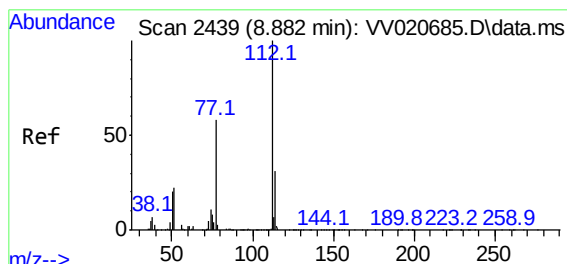
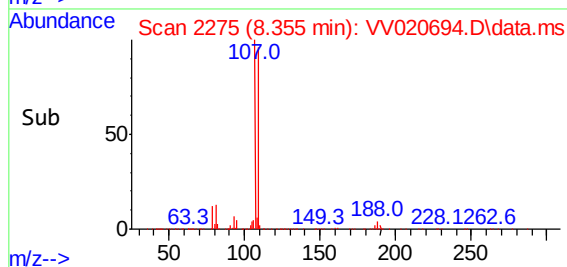
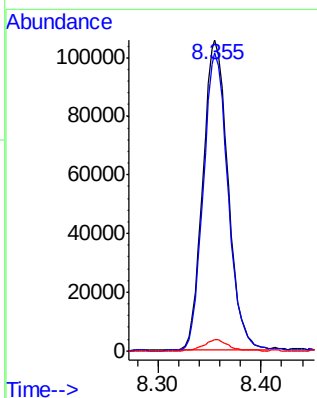
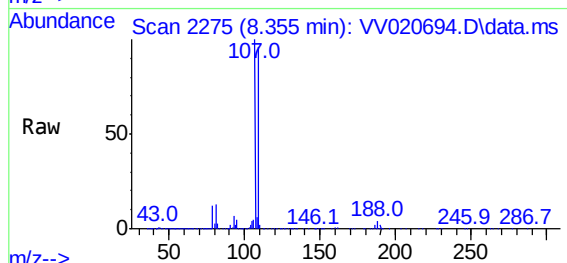




#50
1,2-Dibromoethane
Concen: 52.91 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

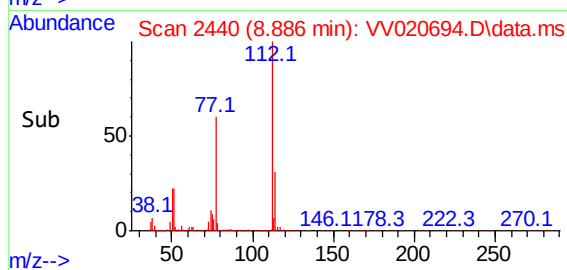
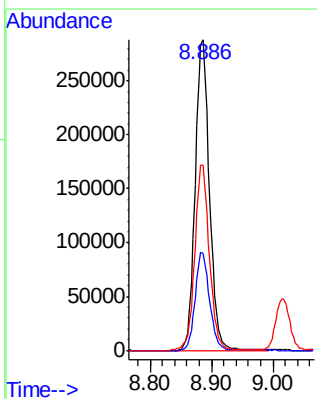
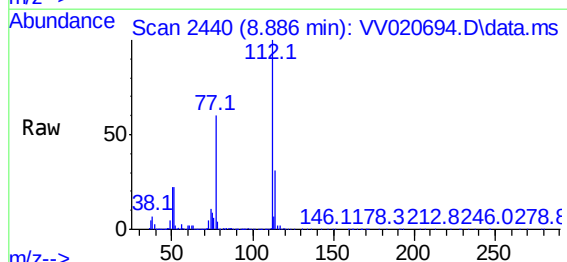
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

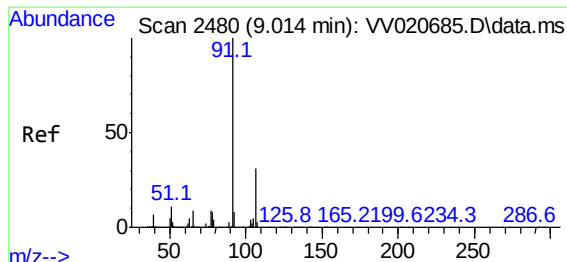
Tgt Ion:107 Resp: 179205
Ion Ratio Lower Upper
107 100
109 95.9 66.2 123.0
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 53.31 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:112 Resp: 467971
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 59.8 49.0 73.6

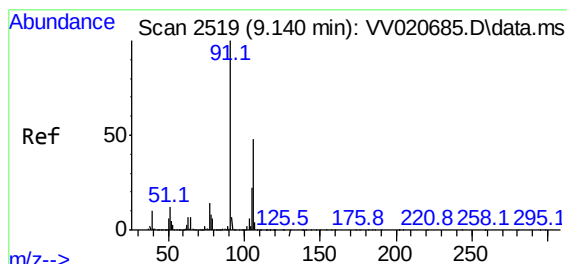
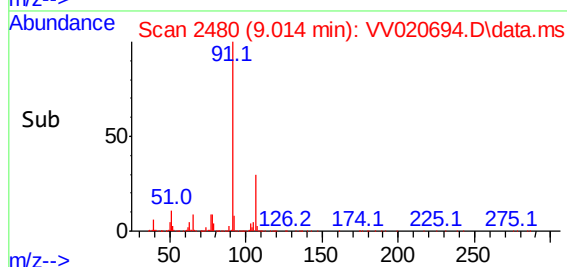
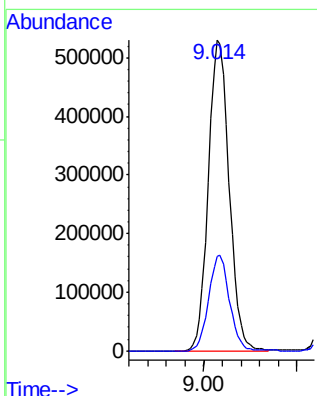
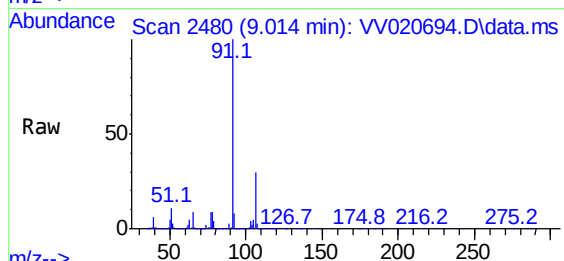




#52
Ethylbenzene
Concen: 53.60 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

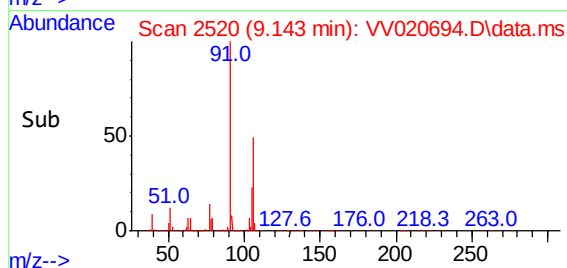
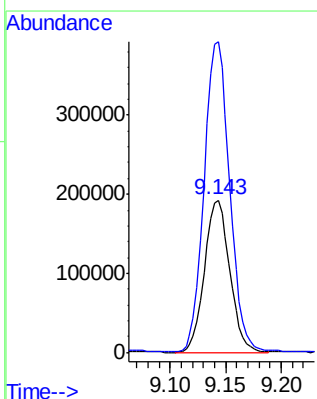
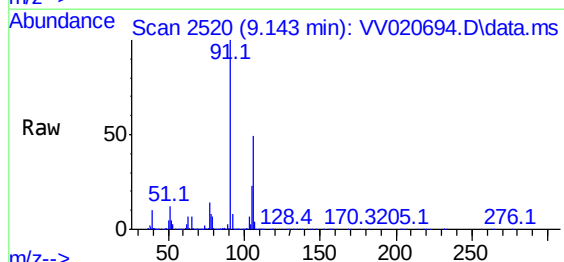
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

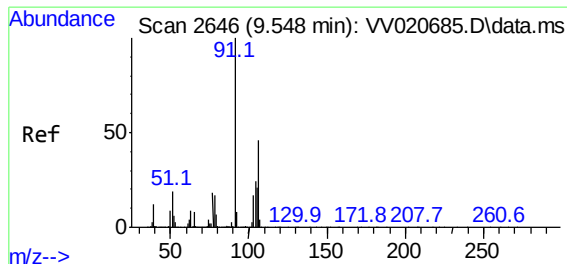
Tgt Ion: 91 Resp: 823347
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 54.30 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:106 Resp: 304612
Ion Ratio Lower Upper
106 100
91 204.2 148.1 275.0

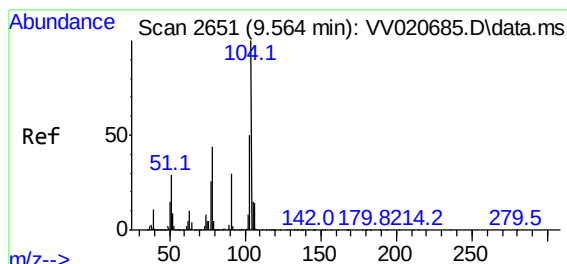
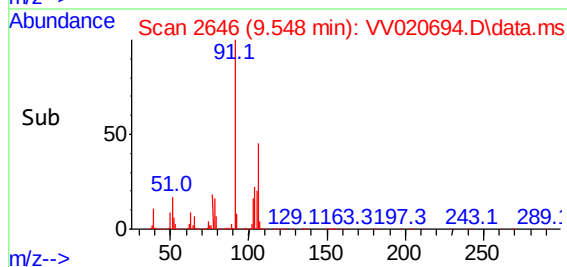
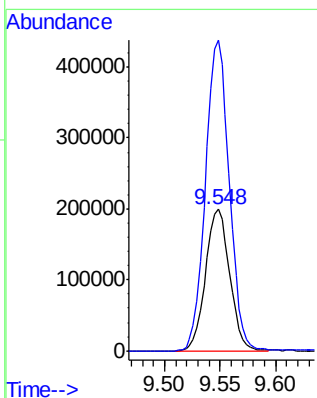
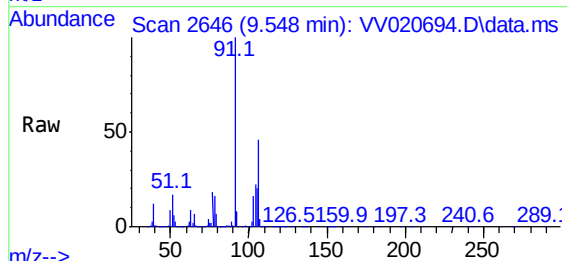




#54
o-xylene
Concen: 55.37 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

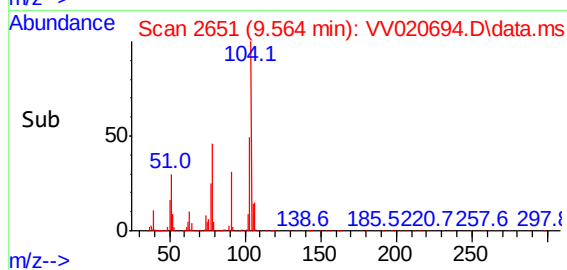
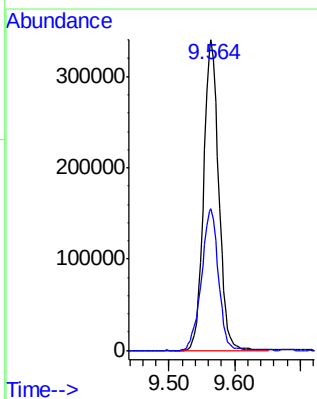
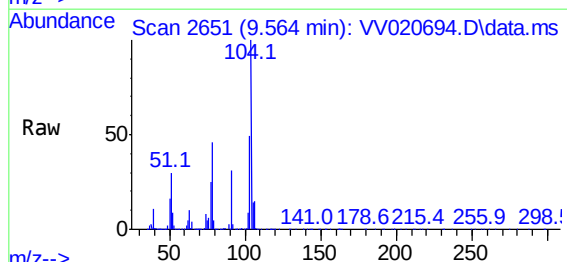
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

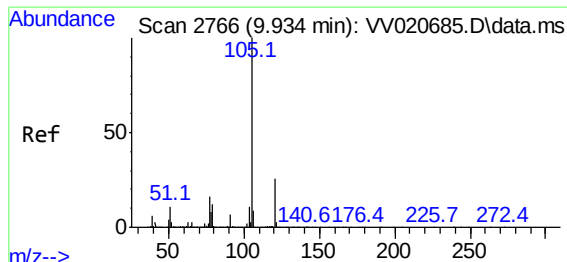
Tgt Ion:106 Resp: 300695
Ion Ratio Lower Upper
106 100
91 219.4 156.4 290.6



#55
Styrene
Concen: 56.67 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:104 Resp: 537373
Ion Ratio Lower Upper
104 100
78 45.7 33.7 62.5

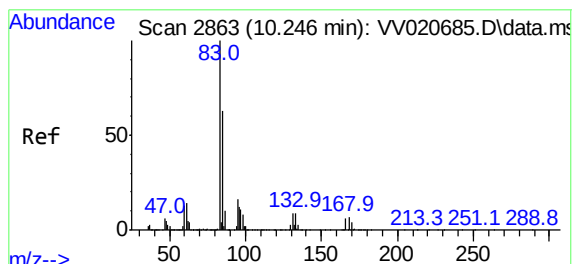
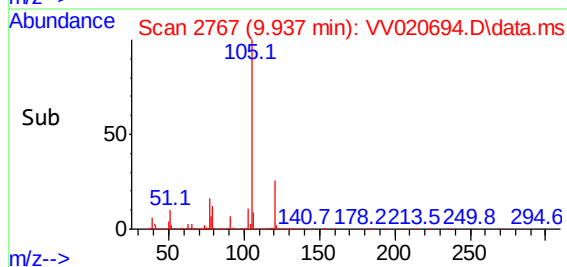
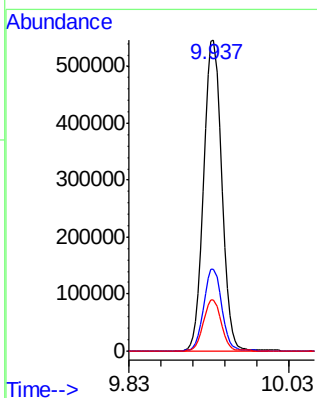
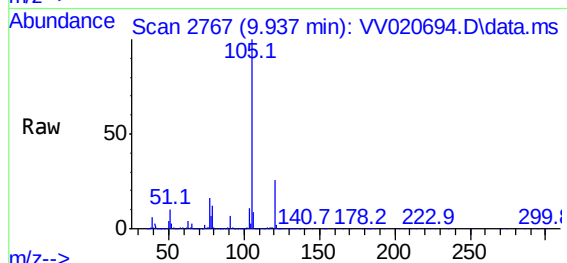




#56
Isopropylbenzene
Concen: 55.42 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

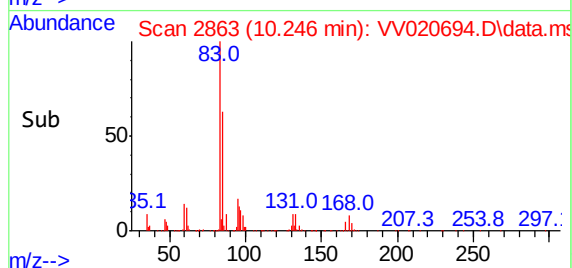
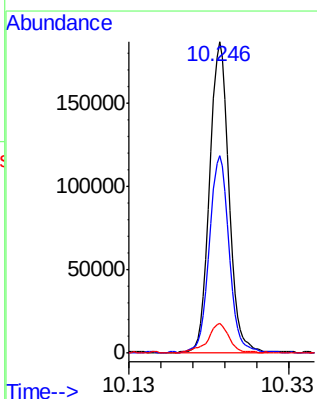
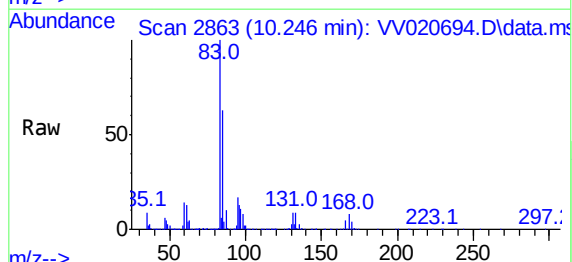
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

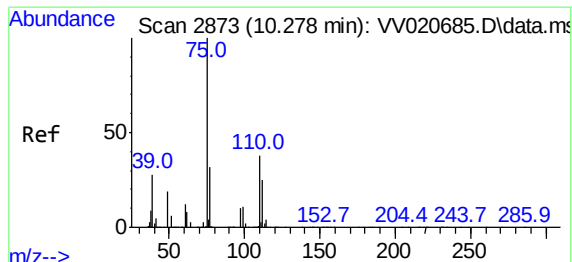
Tgt Ion:105 Resp: 814334
Ion Ratio Lower Upper
105 100
120 26.0 20.5 30.7
77 16.2 13.6 20.4



#58
1,1,2,2-Tetrachloroethane
Concen: 63.62 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion: 83 Resp: 298822
Ion Ratio Lower Upper
83 100
85 63.3 44.3 82.3
131 9.2 7.3 10.9

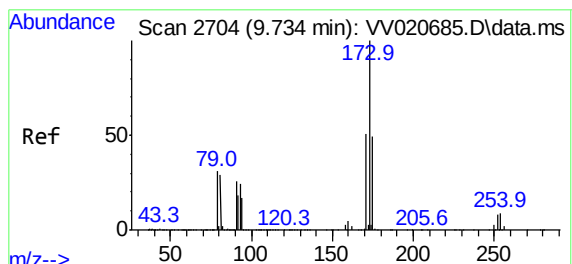
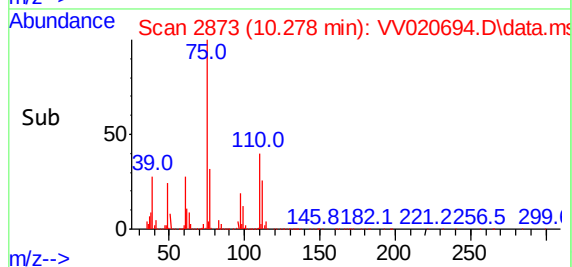
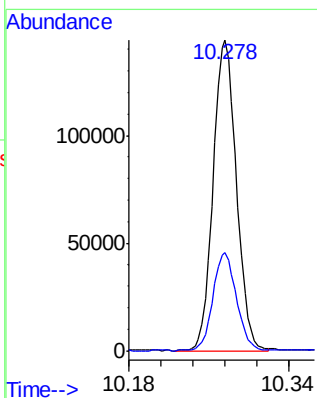
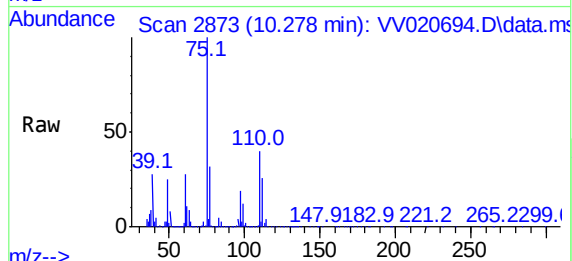




#59
1,2,3-Trichloropropane
Concen: 52.59 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

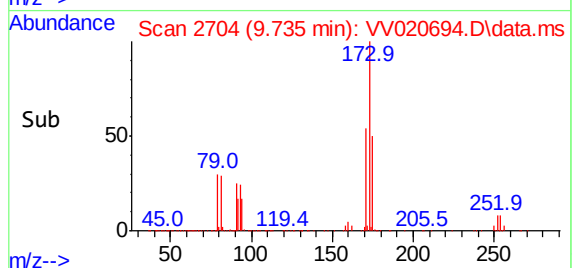
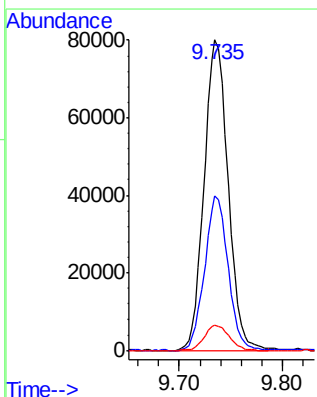
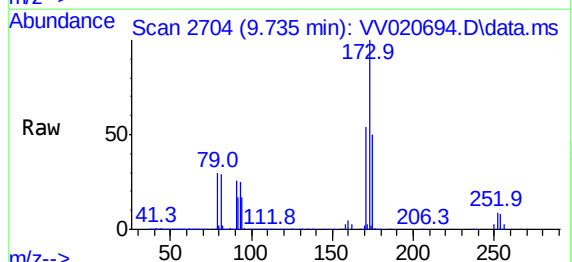
Instrument :
MSVOA_V
ClientSampled :
VSTD05087

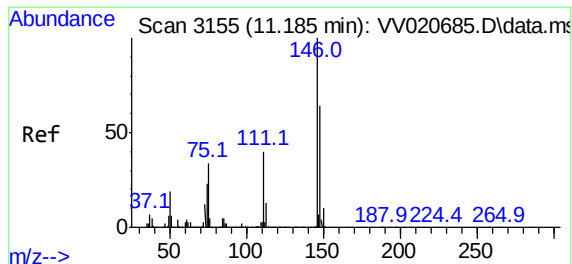
Tgt Ion: 75 Resp: 226179
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0



#61
Bromoform
Concen: 55.26 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:173 Resp: 129207
Ion Ratio Lower Upper
173 100
175 48.7 38.6 57.8
254 8.4 6.5 9.7

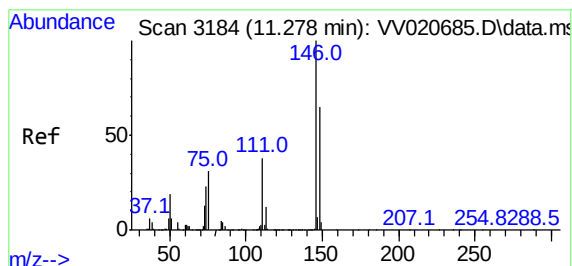
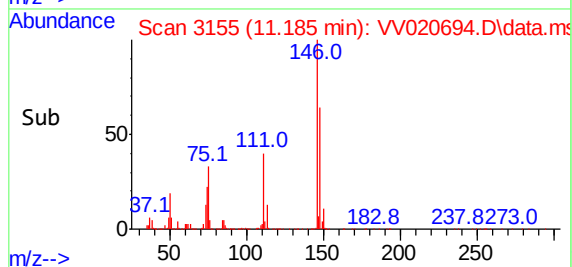
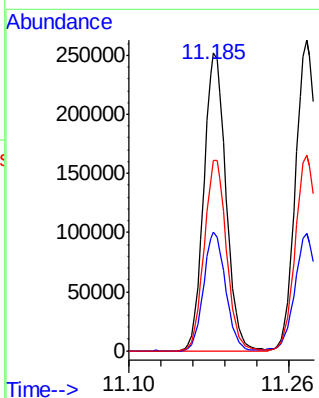
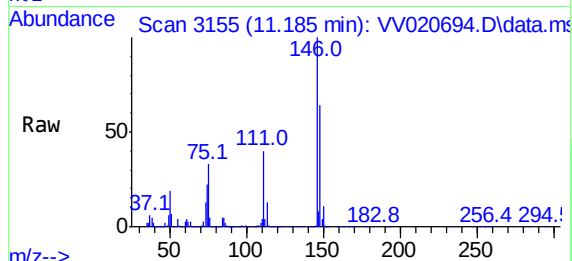




#62
1,3-Dichlorobenzene
Concen: 51.67 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

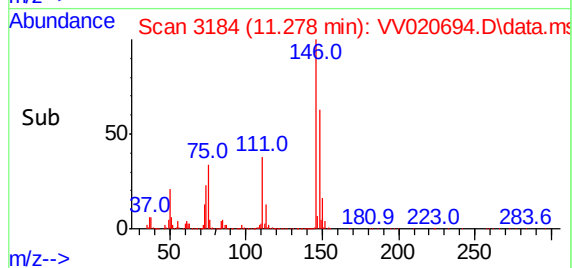
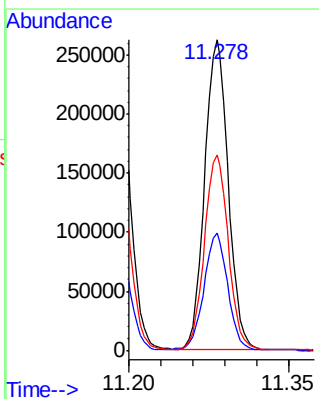
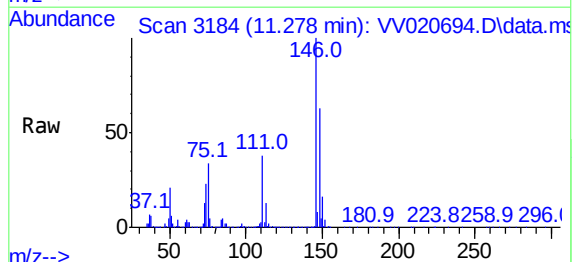
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

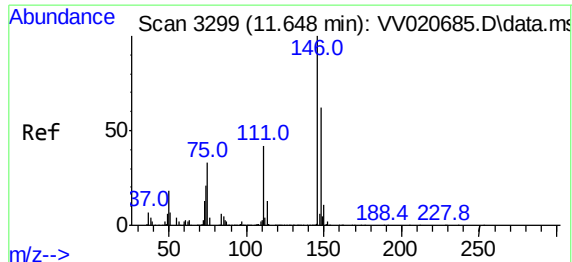
Tgt Ion:146 Resp: 387121
Ion Ratio Lower Upper
146 100
111 40.1 30.2 56.2
148 63.8 45.0 83.6



#63
1,4-Dichlorobenzene
Concen: 50.84 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:146 Resp: 397554
Ion Ratio Lower Upper
146 100
111 37.7 29.4 54.6
148 63.1 44.7 83.1



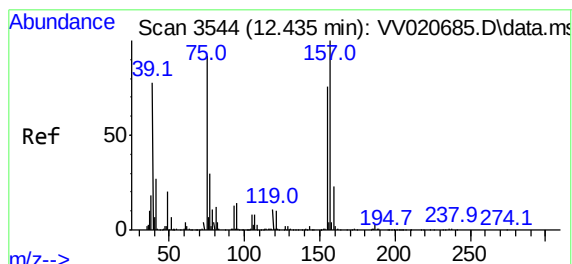
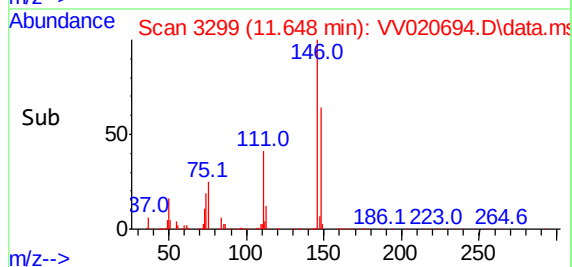
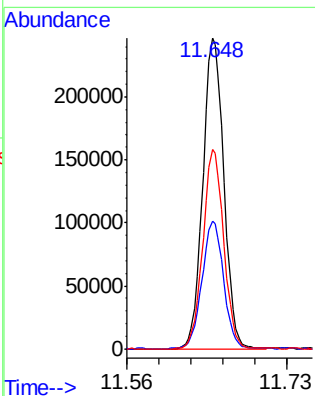
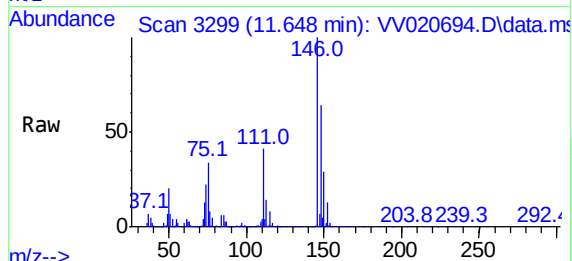


#65
 1,2-Dichlorobenzene
 Concen: 51.72 ug/L
 RT: 11.648 min Scan# 3299
 Delta R.T. 0.000 min
 Lab File: VV020694.D
 Acq: 22 Mar 2021 10:45

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Tgt Ion:146 Resp: 385689

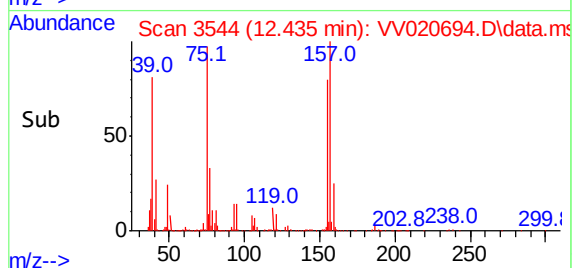
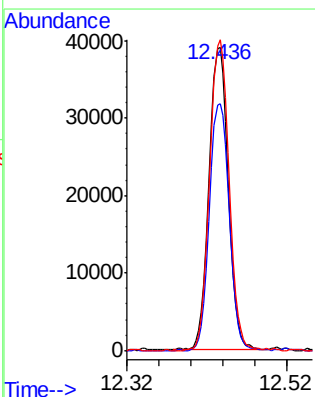
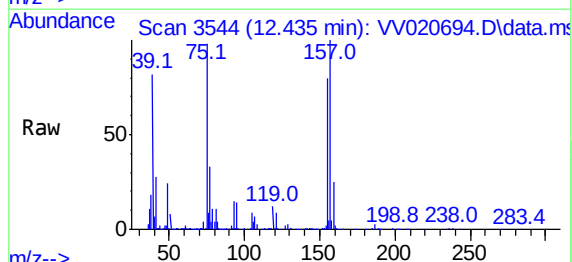
Ion	Ratio	Lower	Upper
146	100		
111	41.2	36.3	54.5
148	64.2	51.7	77.5

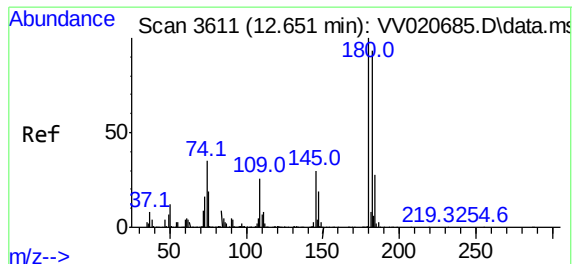


#66
 1,2-Dibromo-3-chloropropane
 Concen: 55.02 ug/L
 RT: 12.435 min Scan# 3544
 Delta R.T. 0.000 min
 Lab File: VV020694.D
 Acq: 22 Mar 2021 10:45

Tgt Ion: 75 Resp: 61958

Ion	Ratio	Lower	Upper
75	100		
155	81.5	59.1	88.7
157	102.4	75.4	113.0

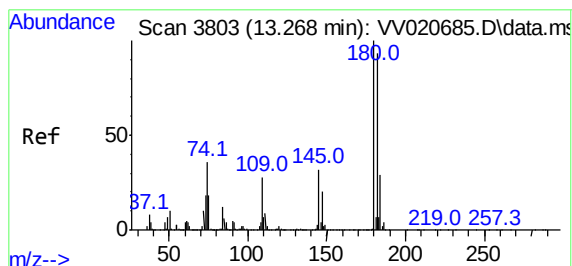
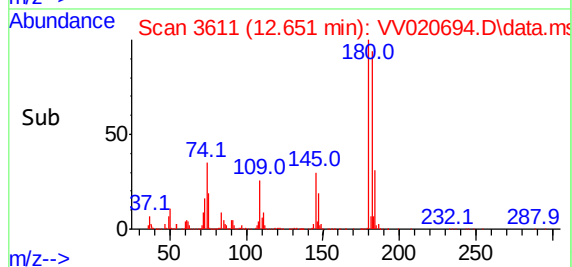
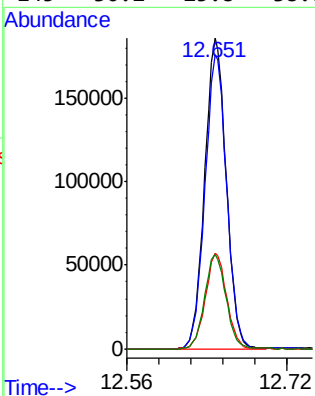
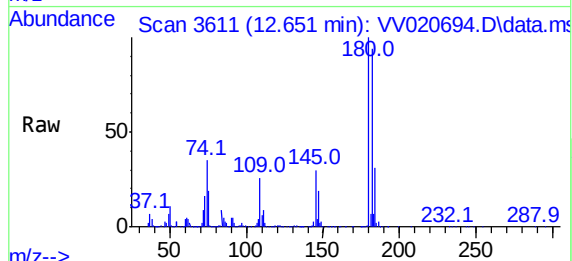




#67
1,3,5-Trichlorobenzene
Concen: 51.95 ug/L
RT: 12.651 min Scan# 3611
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

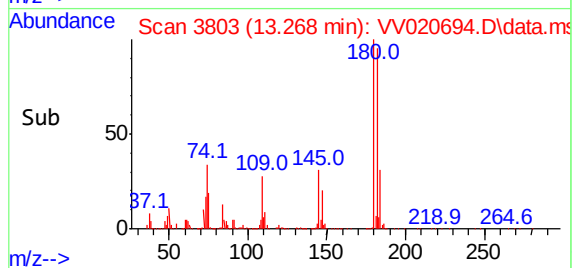
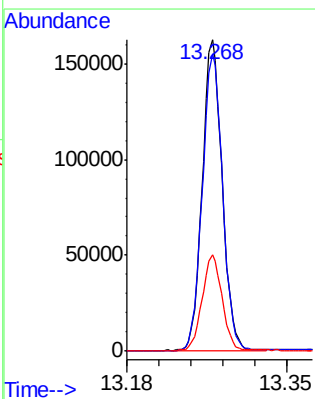
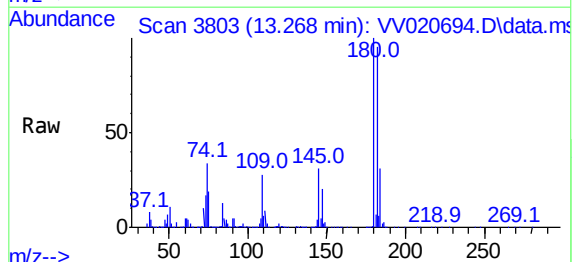
Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

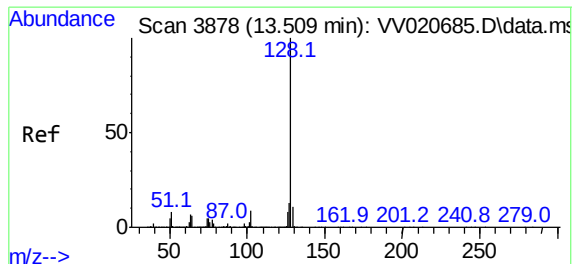
Tgt Ion:180 Resp: 277172
Ion Ratio Lower Upper
180 100
182 95.7 75.0 112.6
184 30.4 24.0 36.0
145 30.2 25.8 38.6



#68
1,2,4-trichlorobenzene
Concen: 52.05 ug/L
RT: 13.268 min Scan# 3803
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:180 Resp: 241101
Ion Ratio Lower Upper
180 100
182 97.4 75.1 112.7
145 30.8 26.8 40.2

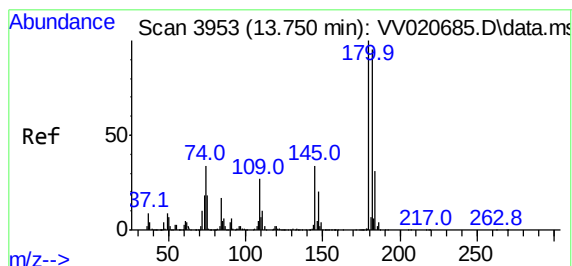
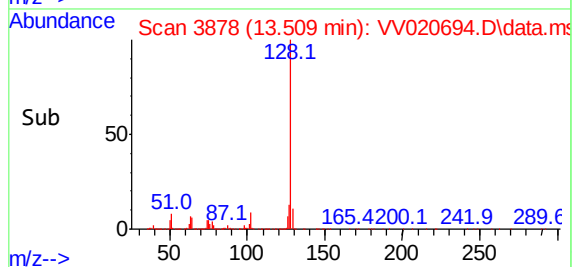
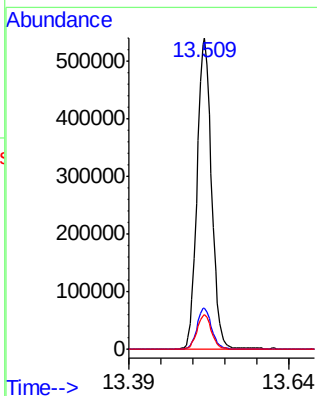
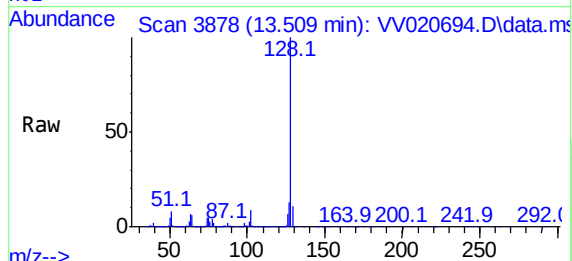




#69
Naphthalene
Concen: 54.08 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

Tgt Ion:128 Resp: 814448
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.7 8.6 13.0



#70
1,2,3-Trichlorobenzene
Concen: 54.73 ug/L
RT: 13.751 min Scan# 3953
Delta R.T. 0.000 min
Lab File: VV020694.D
Acq: 22 Mar 2021 10:45

Tgt Ion:180 Resp: 251310
Ion Ratio Lower Upper
180 100
182 92.9 76.1 114.1
145 31.5 27.9 41.9

