

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031321\
 Data File : VW018320.D
 Acq On : 12 Mar 2021 15:26
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Quant Time: Mar 13 00:41:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 13 00:38:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	254088	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	228737	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	100659	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	65993	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.92%
7) Chloroethane-d5	2.897	69	53802	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.031	63	162634	25.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.76%
20) 2-Butanone-d5	7.086	46	27547	42.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.22%
24) Chloroform-d	7.653	84	169691	24.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	8.305	65	87182	23.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.04%
29) Benzene-d6	8.275	84	299663	24.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.44%
33) 1,2-Dichloropropane-d6	9.274	67	81057	24.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.08%
37) Toluene-d8	10.323	98	293175	24.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.80%
38) trans-1,3-Dichloroprop...	10.579	79	38090	22.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.08%
39) 2-Hexanone-d5	10.927	63	24471	43.60	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.20%
48) 1,1,2,2-Tetrachloroeth...	12.694	84	66134	22.92	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.68%
61) 1,2-Dichlorobenzene-d4	13.853	152	96202	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.013	85	88647	25.14	ug/L	99
3) Chloromethane	2.221	50	57057	24.68	ug/L	100
5) Vinyl chloride	2.373	62	92669	26.10	ug/L	99
6) Bromomethane	2.788	94	65847	24.94	ug/L	100
8) Chloroethane	2.934	64	53305	26.16	ug/L	91
9) Trichlorofluoromethane	3.269	101	89216	29.80	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	95489	26.38	ug/L	99
12) 1,1-Dichloroethene	4.056	96	90520	27.11	ug/L	85
13) Acetone	4.141	43	20532	40.16	ug/L	100
14) Carbon disulfide	4.391	76	260236	26.76	ug/L	100
15) Methyl Acetate	4.684	43	24537	22.20	ug/L	98
16) Methylene chloride	4.928	84	87955	22.68	ug/L	98
17) Methyl tert-butyl Ether	5.428	73	97609	25.49	ug/L	99
18) trans-1,2-Dichloroethene	5.428	96	95434	26.90	ug/L	95
19) 1,1-Dichloroethane	6.220	63	152943	26.30	ug/L	97
21) 2-Butanone	7.177	43	30661	43.29	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	95932	25.84	ug/L	98
23) Bromochloromethane	7.519	128	41095	24.60	ug/L	97
25) Chloroform	7.683	83	175713	26.37	ug/L	100
27) 1,2-Dichloroethane	8.403	62	110077	24.91	ug/L	97

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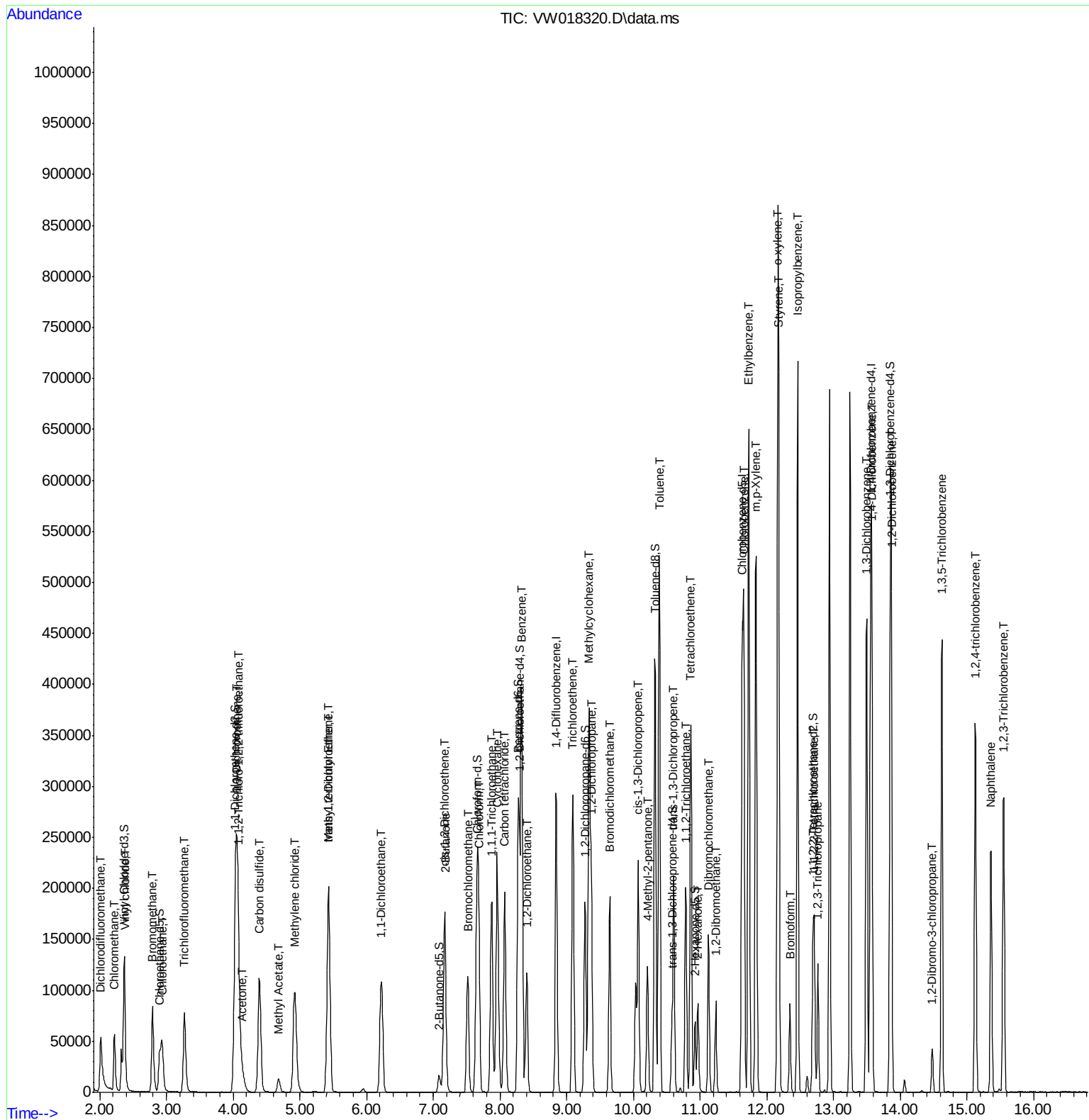
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	134281	27.21	ug/L	100
31) 1,1,1-Trichloroethane	7.878	97	154309	27.33	ug/L	99
32) Carbon tetrachloride	8.073	117	146457	26.94	ug/L	100
34) Benzene	8.323	78	354682	26.95	ug/L	100
35) Trichloroethene	9.091	95	102899	26.67	ug/L	99
36) Methylcyclohexane	9.335	83	166208	26.79	ug/L	99
40) 1,2-Dichloropropane	9.372	63	80393	26.30	ug/L	99
41) Bromodichloromethane	9.646	83	123696	26.03	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	134011	26.16	ug/L	96
43) 4-Methyl-2-pentanone	10.213	43	72071	45.42	ug/L	97
44) Toluene	10.390	91	399975	27.12	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	118251	25.84	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	62578	24.91	ug/L	97
47) Tetrachloroethene	10.859	164	78803	27.28	ug/L	87
49) 2-Hexanone	10.969	43	50136	45.83	ug/L	98
50) Dibromochloromethane	11.128	129	79506	25.74	ug/L	90
51) 1,2-Dibromoethane	11.237	107	59326	23.98	ug/L	95
52) Chlorobenzene	11.658	112	249502	26.11	ug/L	98
53) Ethylbenzene	11.731	91	458509	27.05	ug/L	99
54) m,p-Xylene	11.841	106	171452	26.70	ug/L	97
55) o-xylene	12.164	106	157653	26.25	ug/L	95
56) Styrene	12.182	104	267891	26.07	ug/L	99
57) Isopropylbenzene	12.463	105	451933	26.53	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	67972	23.46	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	50912	23.19	ug/L	99
62) Bromoform	12.347	173	38988	26.33	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	189992	28.42	ug/L	95
64) 1,4-Dichlorobenzene	13.578	146	189774	28.69	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	166966	27.76	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	11598	24.70	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.627	180	129396	26.52	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	104358	26.06	ug/L	89
69) Naphthalene	15.359	128	202127	25.65	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	95134	27.30	ug/L	96

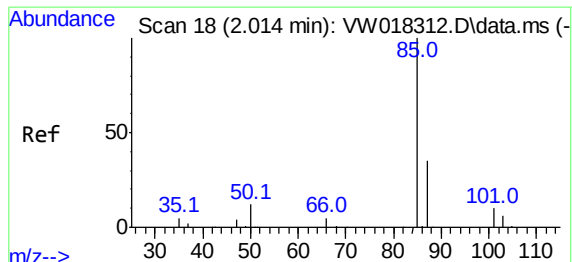
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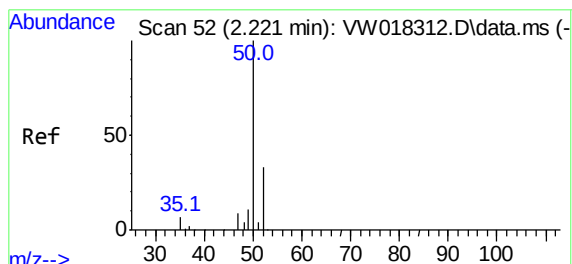
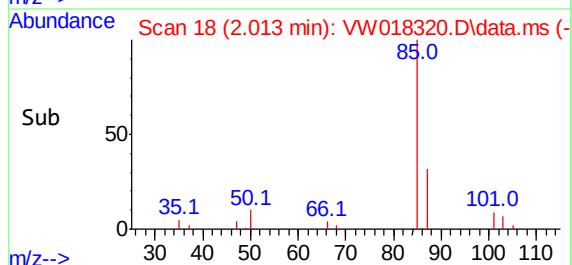
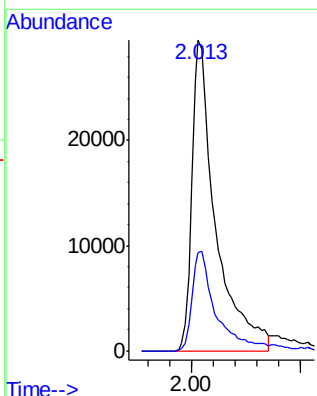
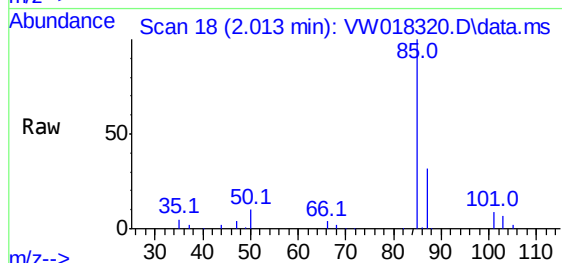




#2
Dichlorodifluoromethane
Concen: 25.14 ug/L
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

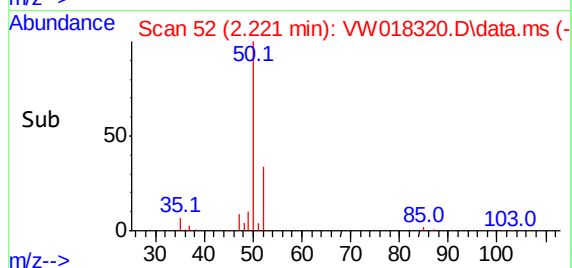
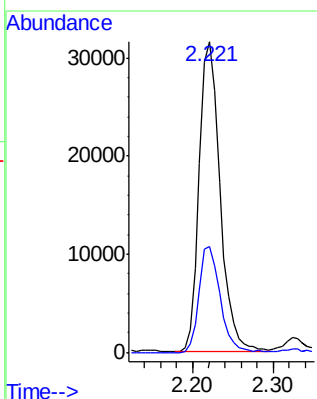
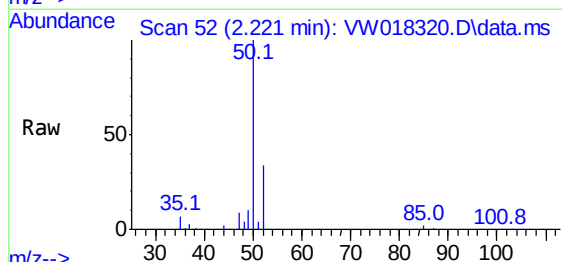
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MSVOA_W
ClientSampleId :
VSTD02599

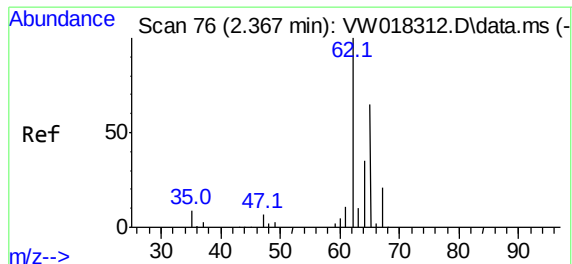
Tgt Ion: 85 Resp: 88647
Ion Ratio Lower Upper
85 100
87 31.2 22.2 41.2



#3
Chloromethane
Concen: 24.68 ug/L
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 50 Resp: 57057
Ion Ratio Lower Upper
50 100
52 34.0 23.7 43.9

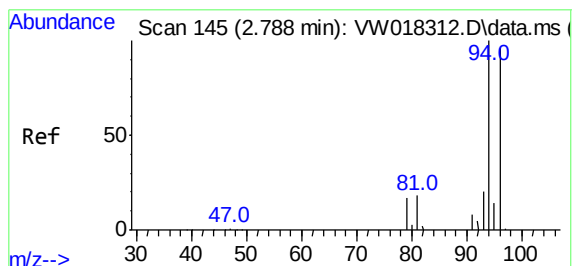
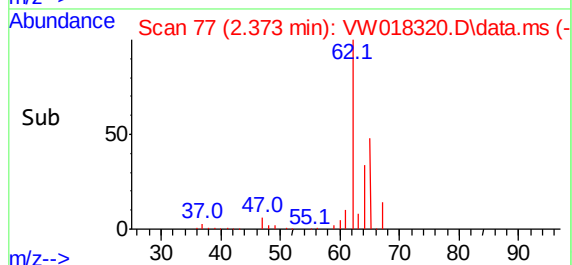
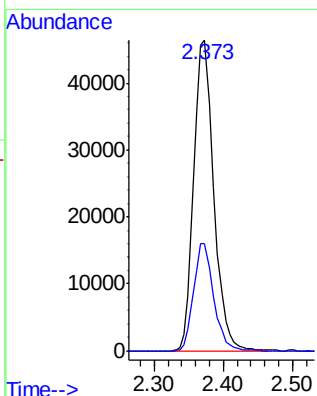
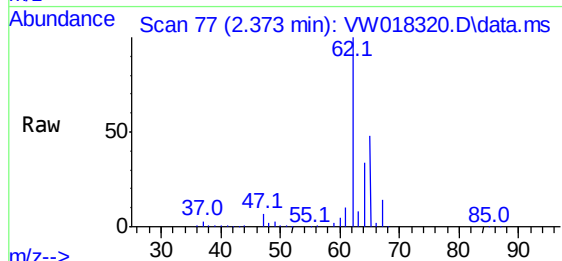




#5
 Vinyl chloride
 Concen: 26.10 ug/L
 RT: 2.373 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

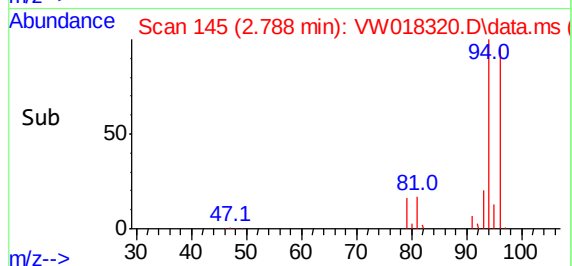
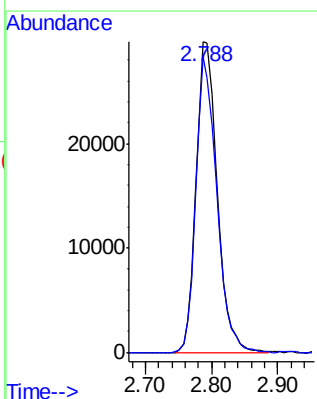
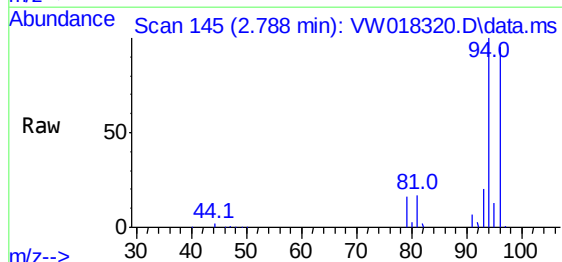
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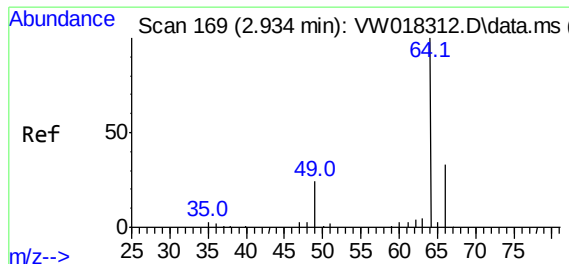
Tgt Ion: 62 Resp: 92669
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.5 43.7



#6
 Bromomethane
 Concen: 24.94 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Tgt Ion: 94 Resp: 65847
 Ion Ratio Lower Upper
 94 100
 96 94.1 9.4 179.4

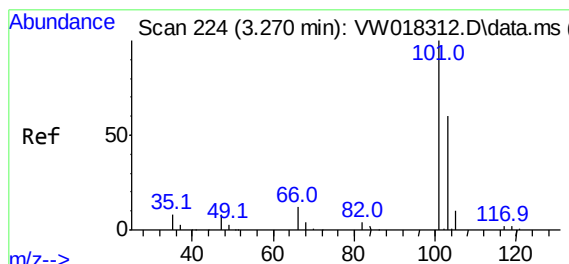
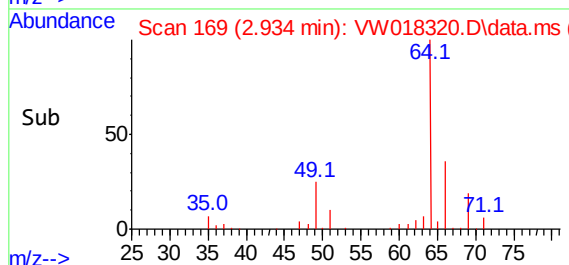
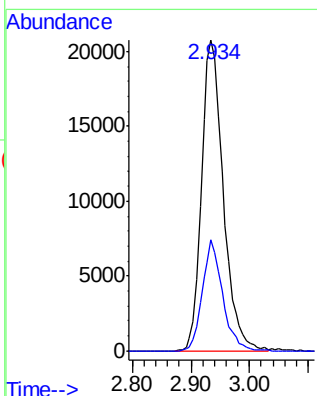
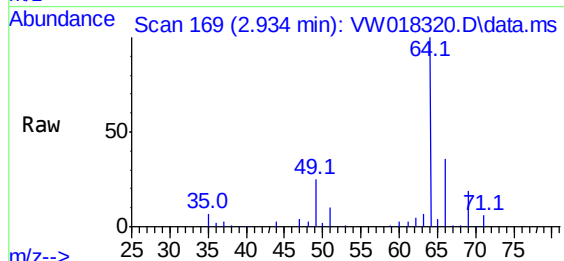




#8
Chloroethane
Concen: 26.16 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

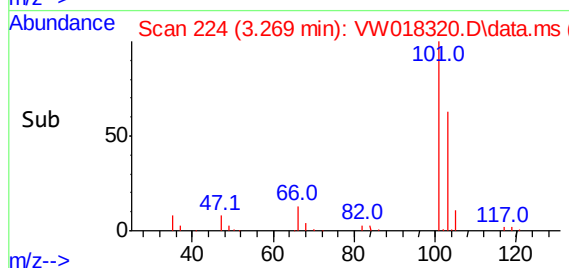
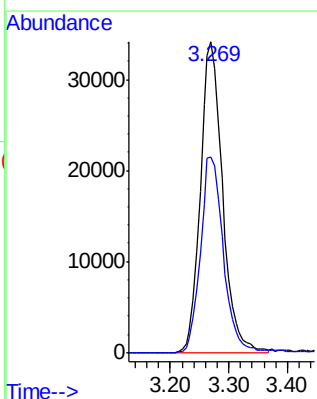
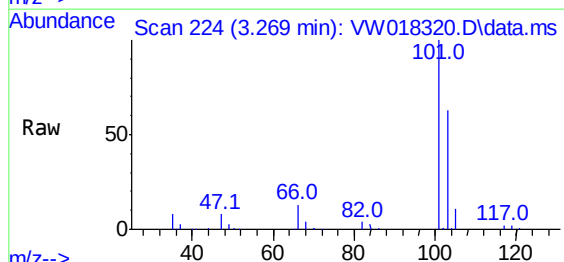
Instrument :
MSVOA_W
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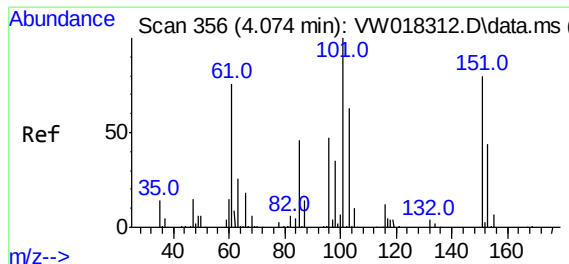
Tgt Ion: 64 Resp: 53305
Ion Ratio Lower Upper
64 100
66 35.8 21.6 40.0



#9
Trichlorofluoromethane
Concen: 29.80 ug/L
RT: 3.269 min Scan# 224
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 101 Resp: 89216
Ion Ratio Lower Upper
101 100
103 64.5 45.6 84.8



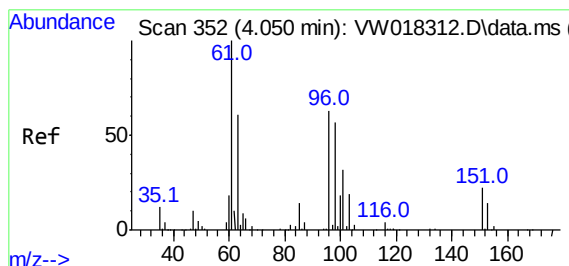
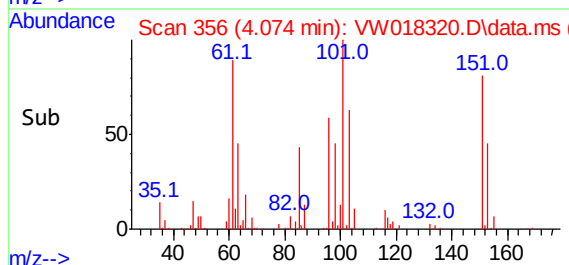
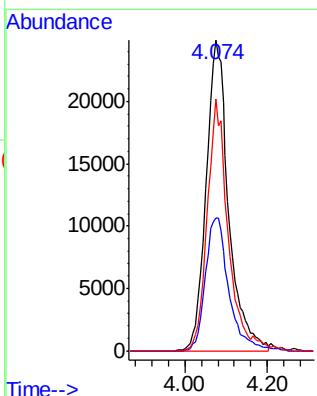
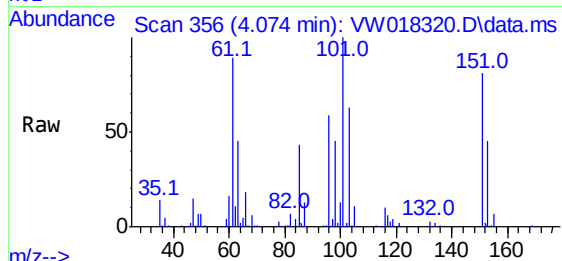


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.38 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Instrument :
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 ClientSampleId :
 VSTD02599

Tgt Ion:101 Resp: 95489

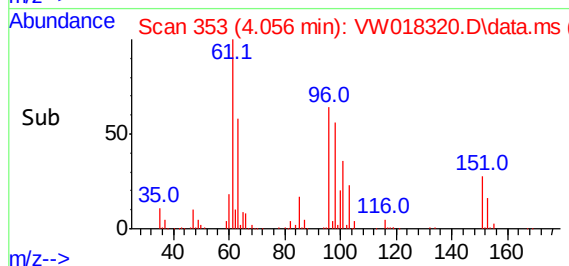
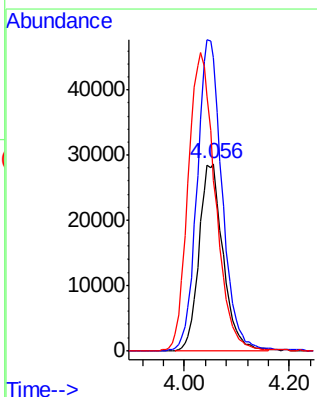
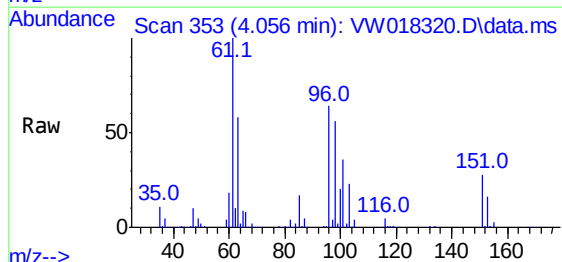
Ion	Ratio	Lower	Upper
101	100		
85	44.0	35.6	53.4
151	73.0	58.1	87.1

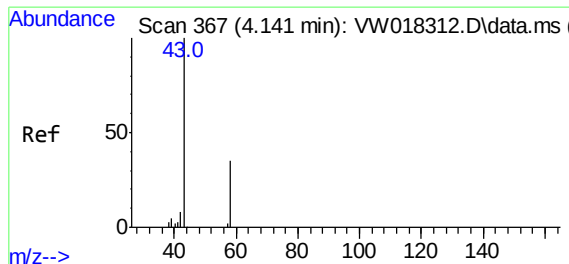


#12
 1,1-Dichloroethene
 Concen: 27.11 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Tgt Ion: 96 Resp: 90520

Ion	Ratio	Lower	Upper
96	100		
61	157.2	118.6	220.2
63	91.0	82.4	153.0

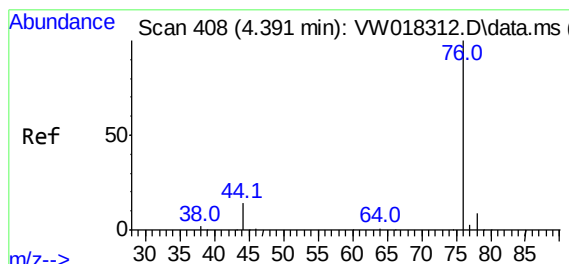
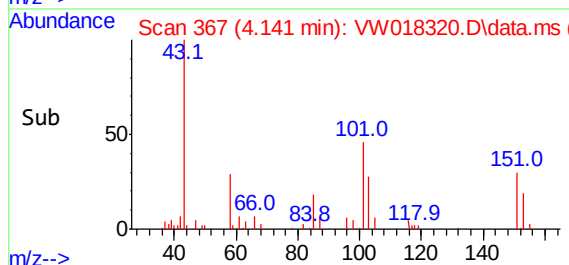
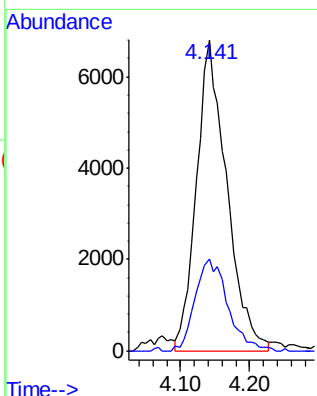
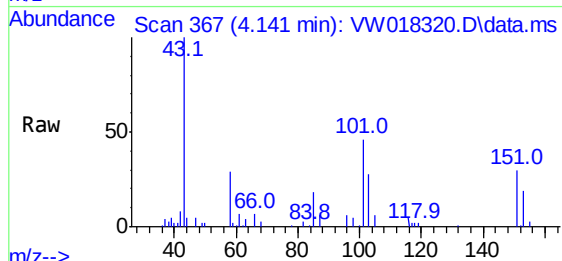




#13
Acetone
Concen: 40.16 ug/L
RT: 4.141 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

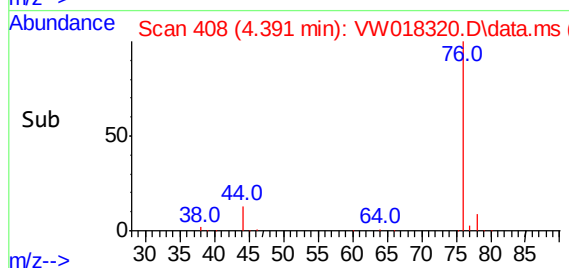
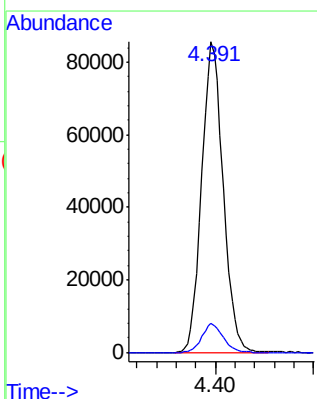
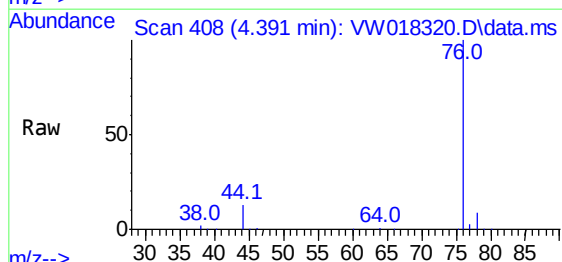
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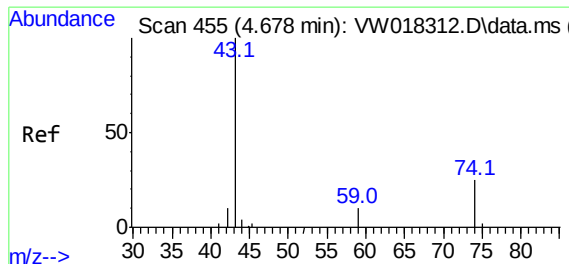
Tgt Ion: 43 Resp: 20532
Ion Ratio Lower Upper
43 100
58 31.3 0.0 62.2



#14
Carbon disulfide
Concen: 26.76 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 76 Resp: 260236
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

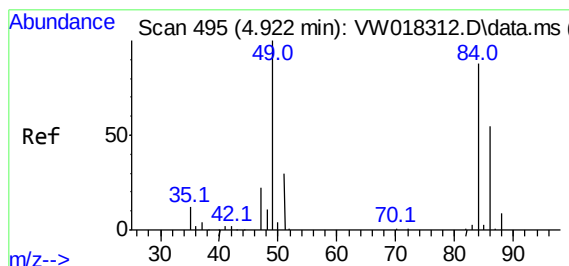
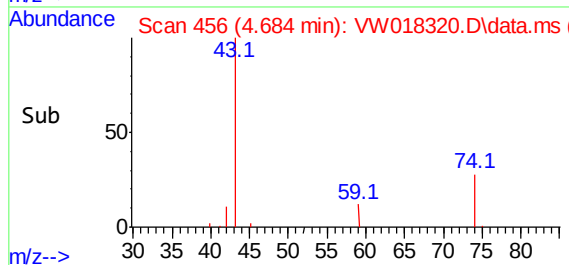
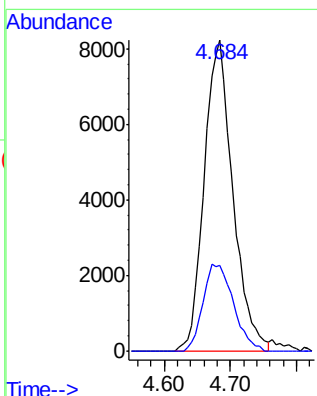
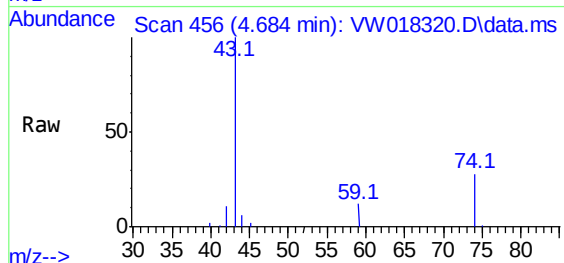




#15
Methyl Acetate
Concen: 22.20 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

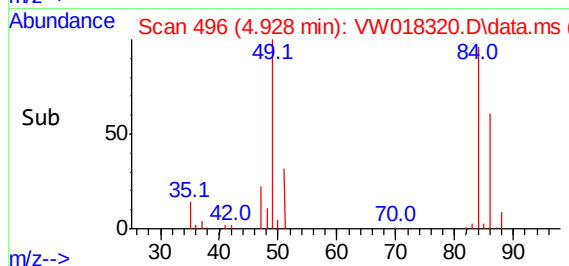
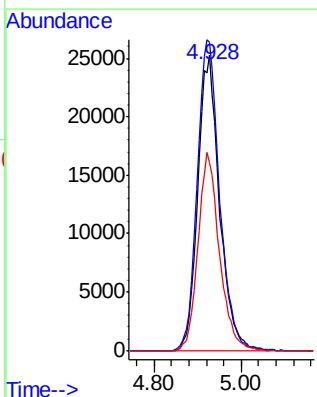
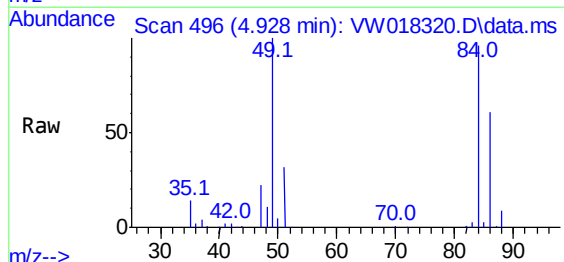
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

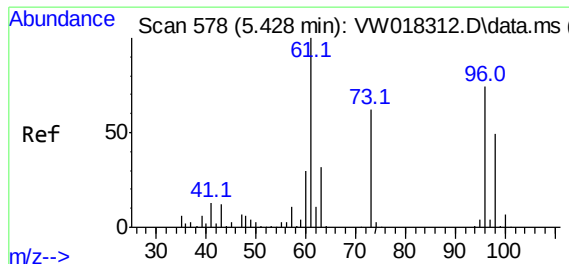
Tgt Ion: 43 Resp: 24537
Ion Ratio Lower Upper
43 100
74 29.5 22.9 34.3



#16
Methylene chloride
Concen: 22.68 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 84 Resp: 87955
Ion Ratio Lower Upper
84 100
49 104.5 74.4 138.2
86 63.8 46.1 85.7

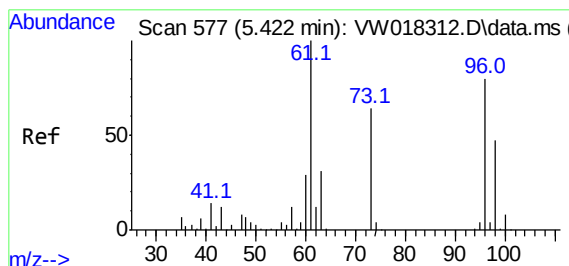
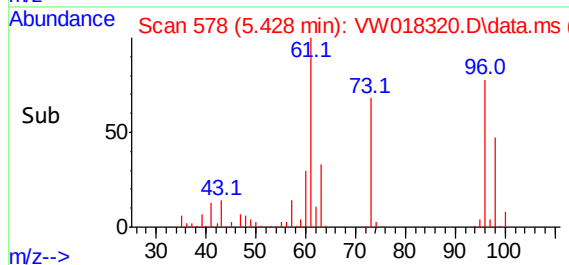
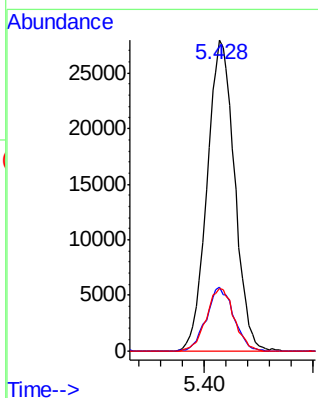
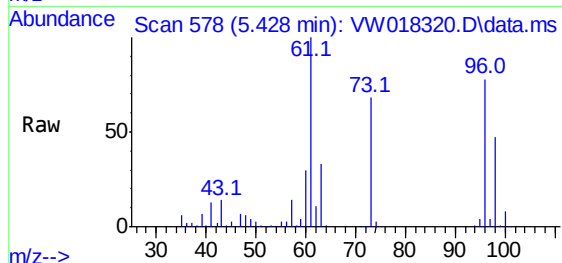




#17
Methyl tert-butyl Ether
Concen: 25.49 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

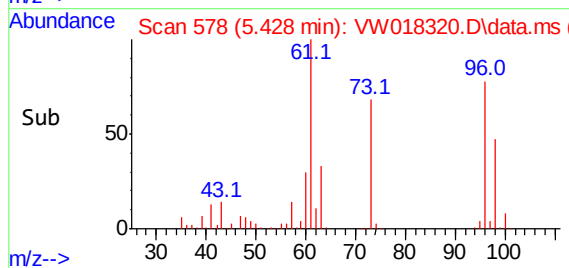
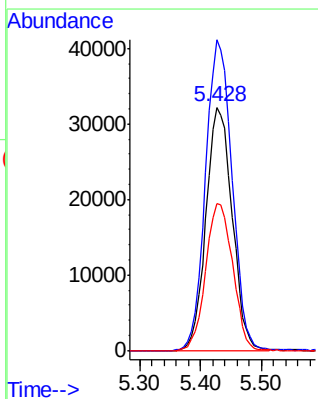
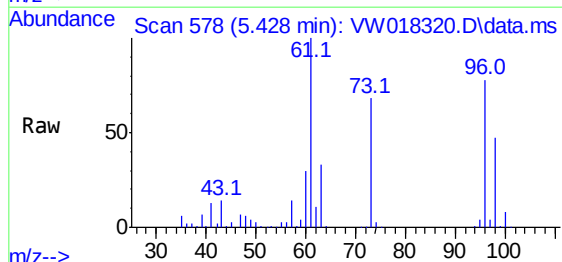
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

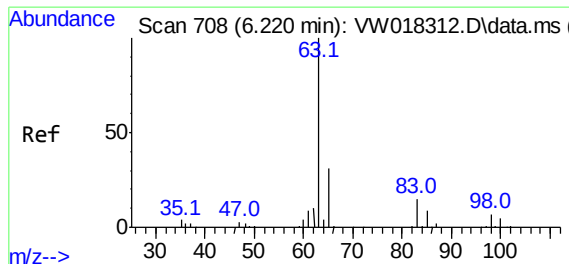
Tgt Ion: 73 Resp: 97609
Ion Ratio Lower Upper
73 100
43 20.2 16.6 24.8
57 20.0 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 26.90 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 96 Resp: 95434
Ion Ratio Lower Upper
96 100
61 127.6 93.3 173.3
98 60.4 45.2 84.0

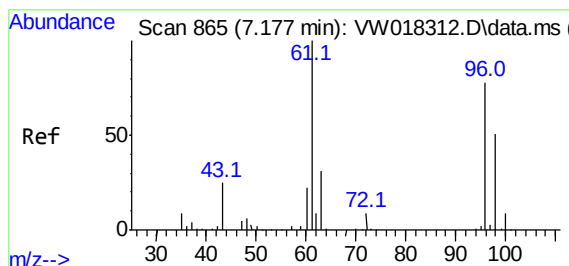
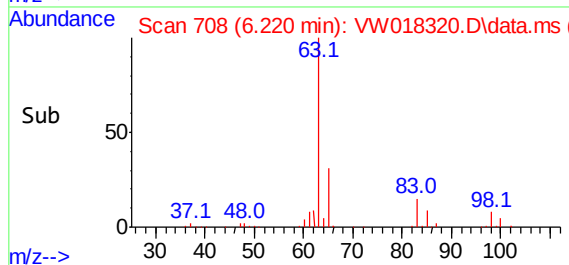
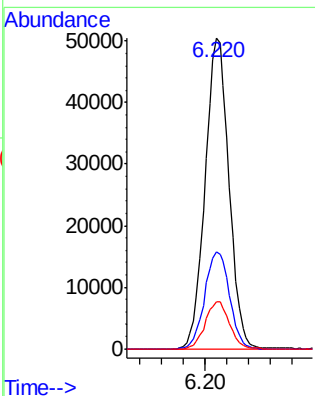
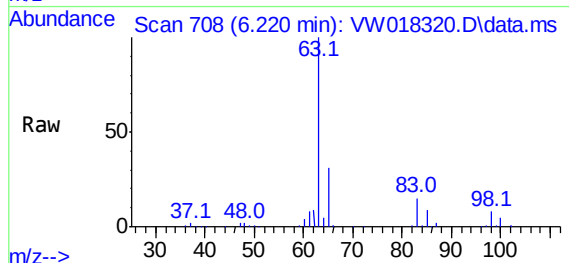




#19
1,1-Dichloroethane
Concen: 26.30 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

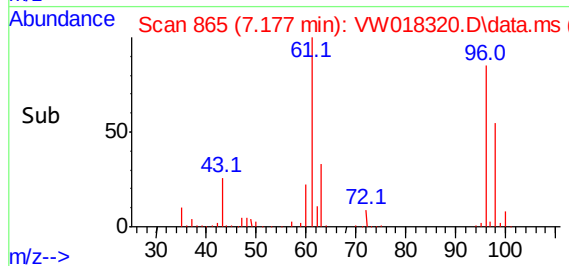
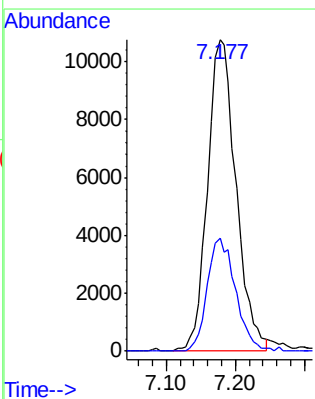
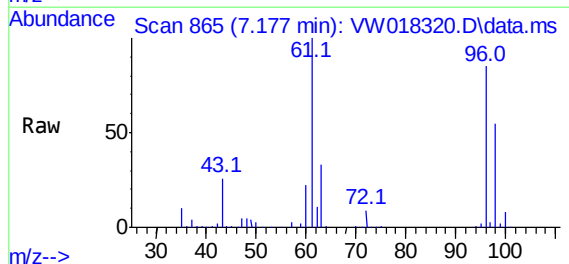
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

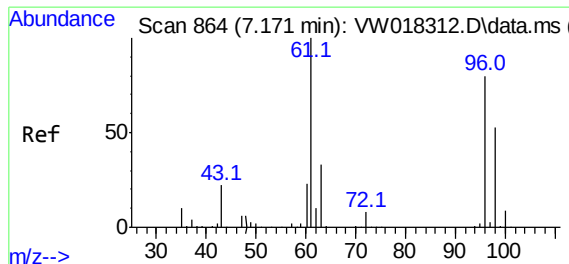
Tgt Ion: 63 Resp: 152943
Ion Ratio Lower Upper
63 100
65 31.2 23.5 43.7
83 15.0 10.3 19.1



#21
2-Butanone
Concen: 43.29 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 43 Resp: 30661
Ion Ratio Lower Upper
43 100
72 35.5 16.5 49.5



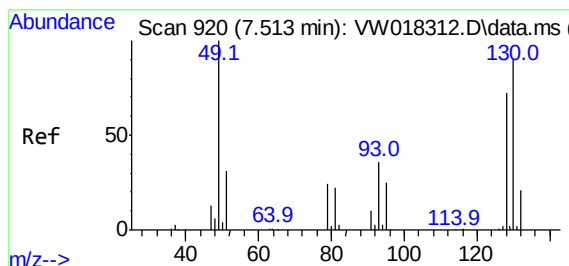
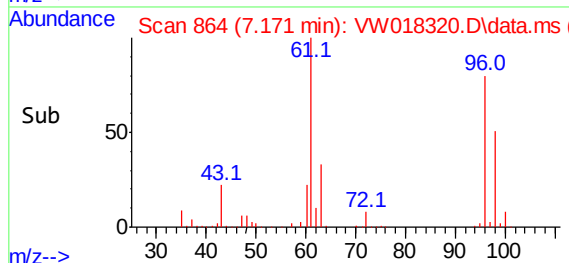
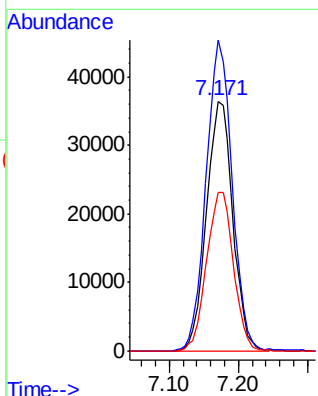
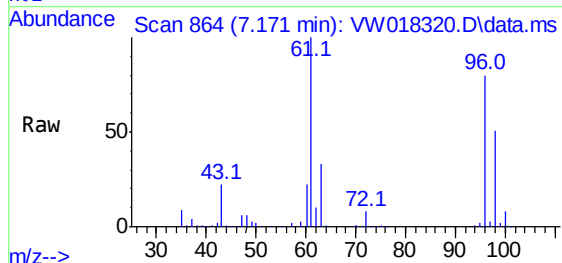


#22
 cis-1,2-Dichloroethene
 Concen: 25.84 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Tgt Ion: 96 Resp: 95932

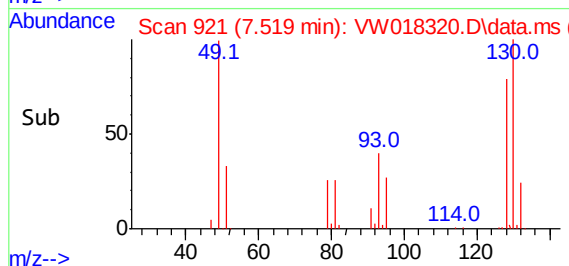
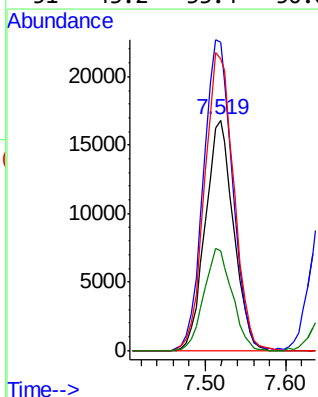
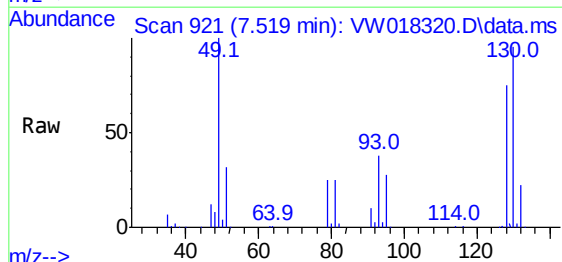
Ion	Ratio	Lower	Upper
96	100		
61	124.6	84.8	157.6
98	63.3	45.1	83.9

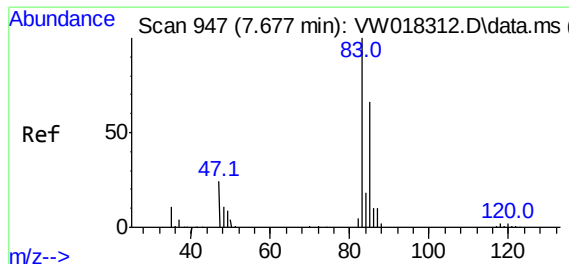


#23
 Bromochloromethane
 Concen: 24.60 ug/L
 RT: 7.519 min Scan# 921
 Delta R.T. 0.006 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Tgt Ion: 128 Resp: 41095

Ion	Ratio	Lower	Upper
128	100		
49	133.5	92.4	171.6
130	126.5	83.9	155.7
51	43.2	33.4	50.0

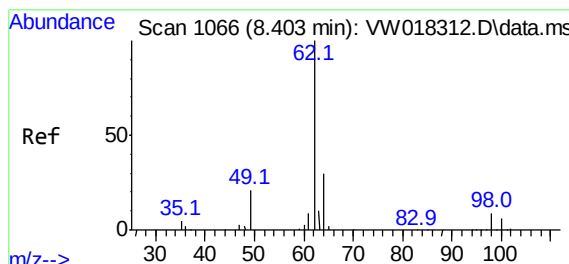
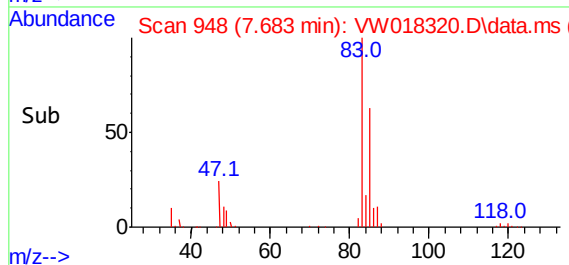
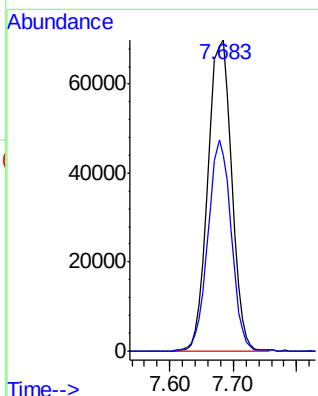
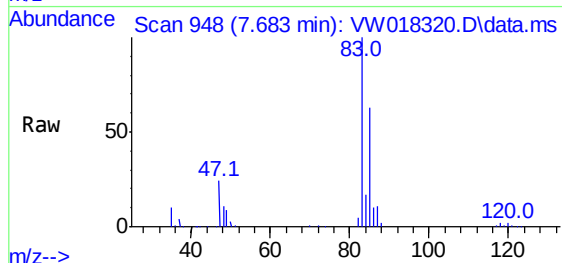




#25
Chloroform
Concen: 26.37 ug/L
RT: 7.683 min Scan# 948
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

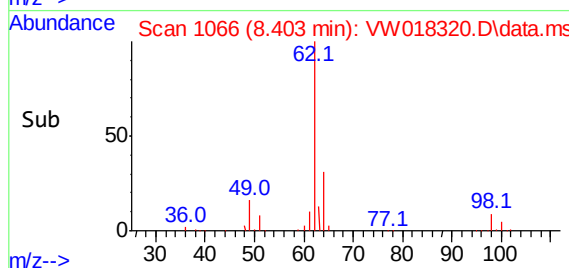
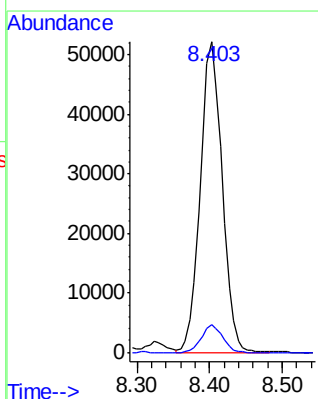
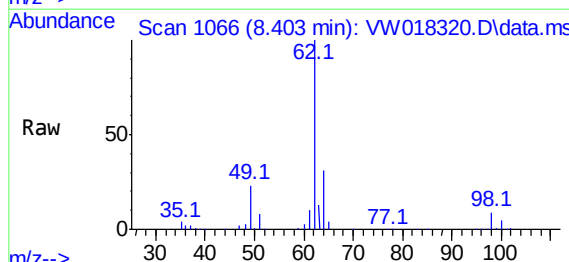
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

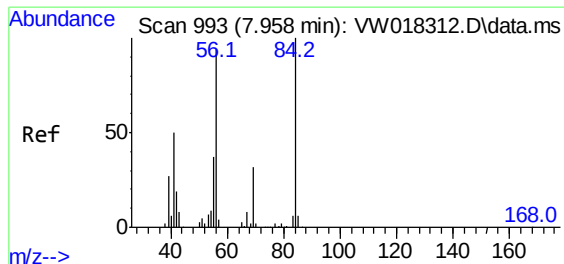
Tgt Ion: 83 Resp: 175713
Ion Ratio Lower Upper
83 100
85 65.9 46.4 86.2



#27
1,2-Dichloroethane
Concen: 24.91 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 62 Resp: 110077
Ion Ratio Lower Upper
62 100
98 9.2 6.4 9.6



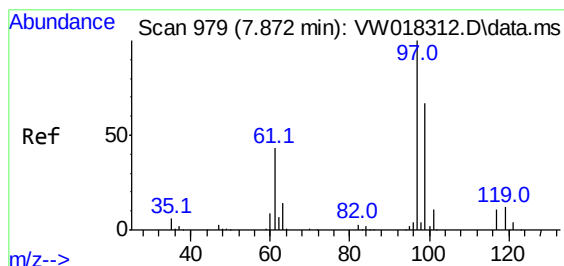
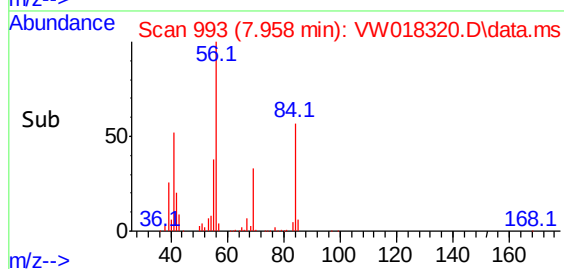
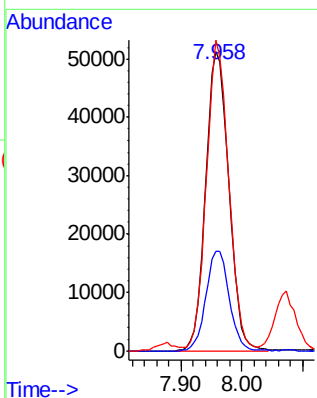
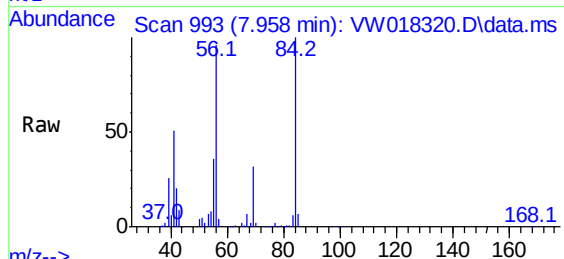


#30
Cyclohexane
Concen: 27.21 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

Tgt Ion: 56 Resp: 134281

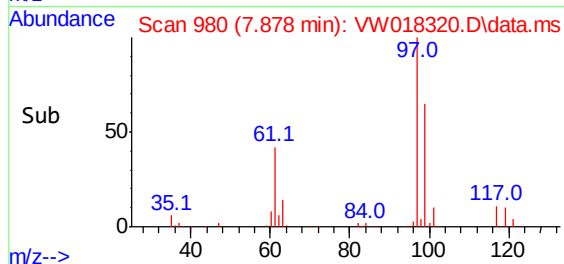
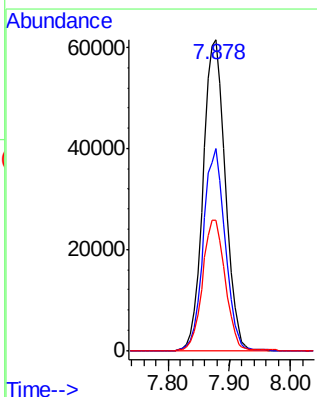
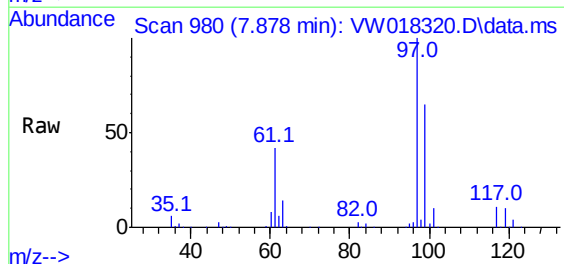
Ion	Ratio	Lower	Upper
56	100		
69	33.3	27.0	40.6
84	100.1	79.9	119.9

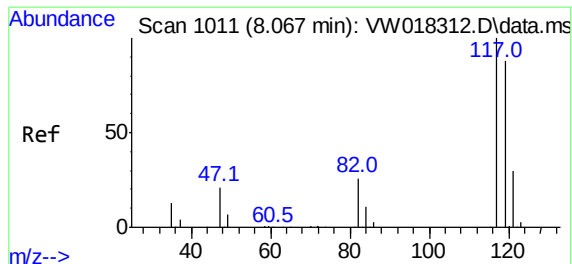


#31
1,1,1-Trichloroethane
Concen: 27.33 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 97 Resp: 154309

Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.7	77.5
61	42.8	34.8	52.2

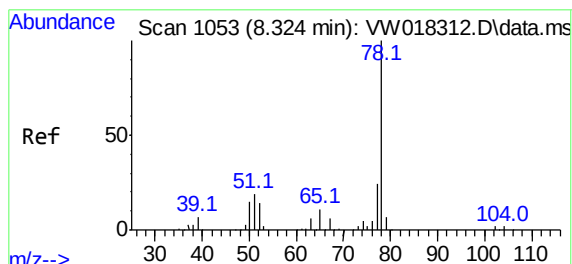
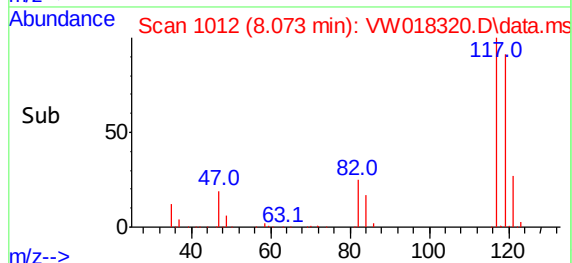
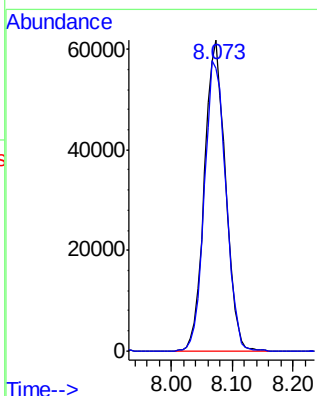
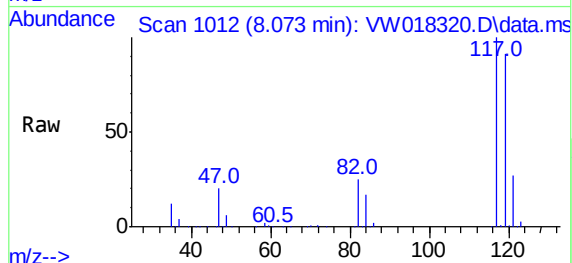




#32
Carbon tetrachloride
Concen: 26.94 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

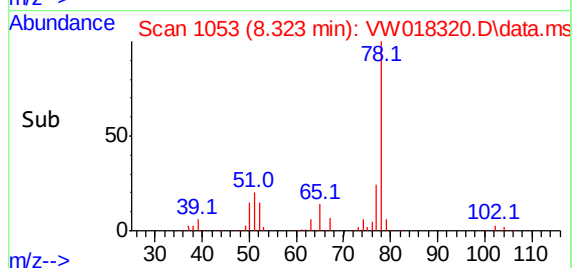
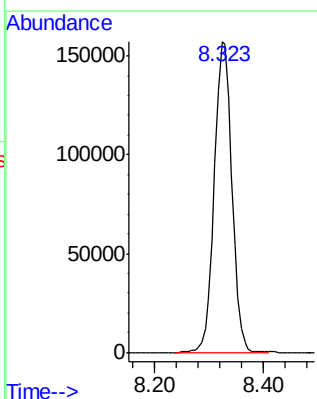
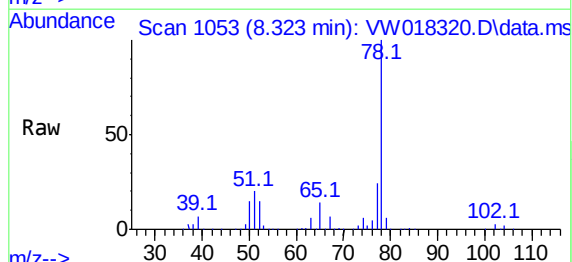
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

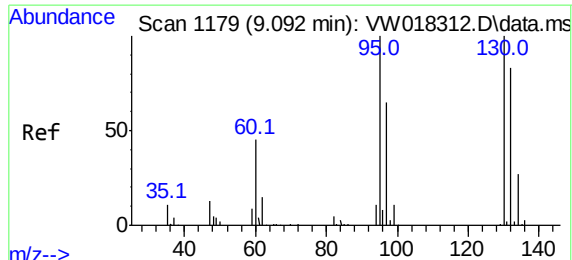
Tgt Ion:117 Resp: 146457
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1



#34
Benzene
Concen: 26.95 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

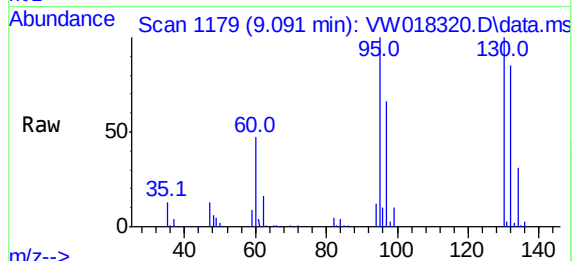
Tgt Ion: 78 Resp: 354682





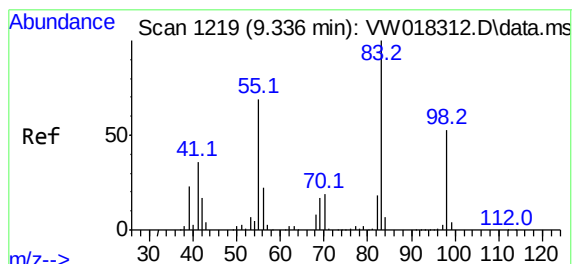
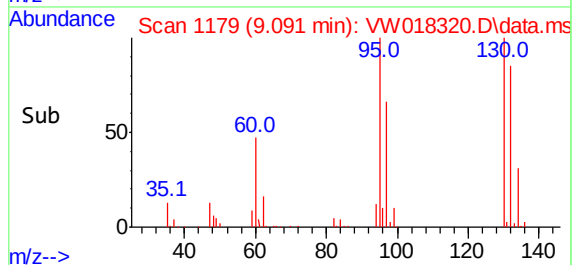
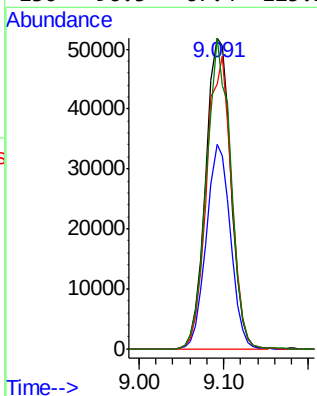
#35
Trichloroethene
Concen: 26.67 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampled :
VSTD02599



Tgt Ion: 95 Resp: 102899

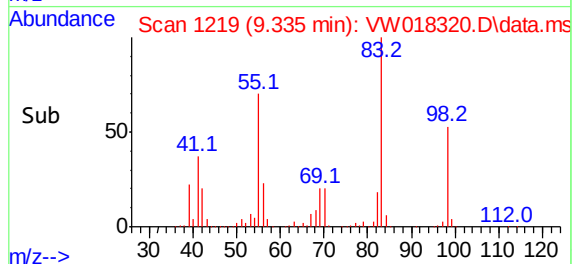
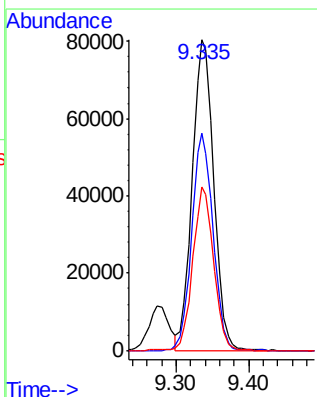
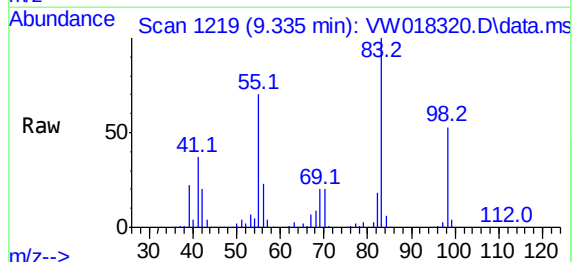
Ion	Ratio	Lower	Upper
95	100		
97	63.7	44.4	82.4
132	93.1	65.9	122.5
130	96.5	67.4	125.2

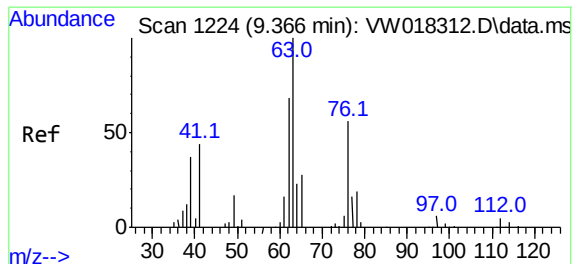


#36
Methylcyclohexane
Concen: 26.79 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 83 Resp: 166208

Ion	Ratio	Lower	Upper
83	100		
55	69.1	56.8	85.2
98	51.0	40.6	61.0

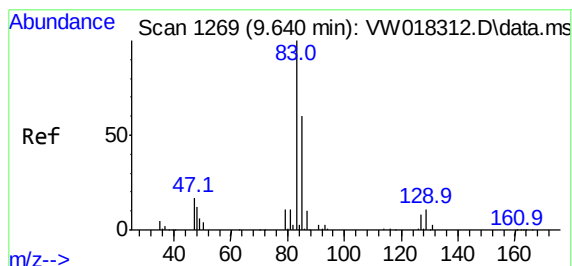
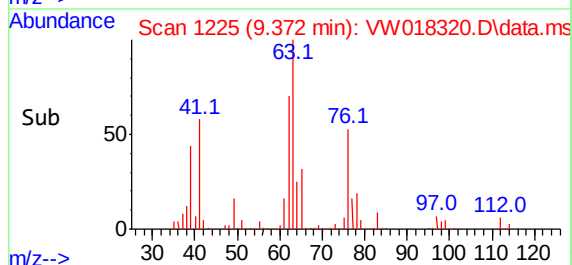
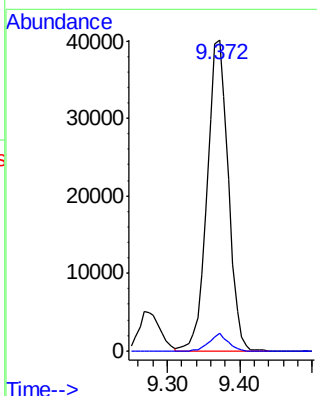
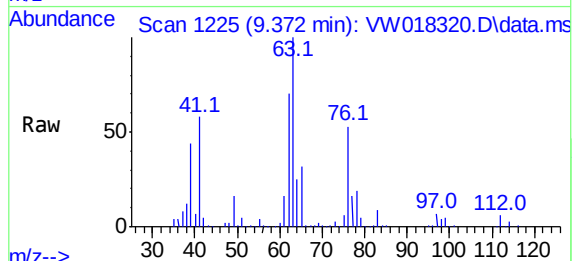




#40
1,2-Dichloropropane
Concen: 26.30 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

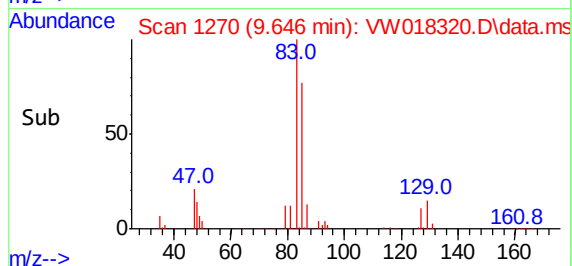
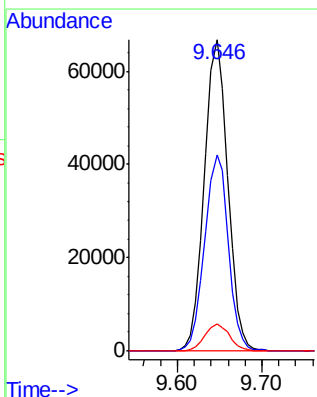
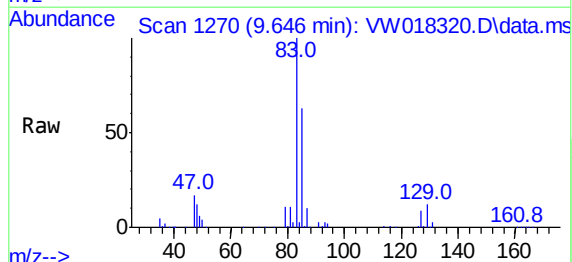
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

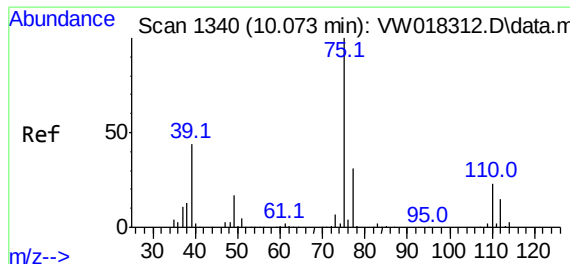
Tgt Ion: 63 Resp: 80393
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4



#41
Bromodichloromethane
Concen: 26.03 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 83 Resp: 123696
Ion Ratio Lower Upper
83 100
85 62.7 43.8 81.4
127 8.7 6.9 10.3

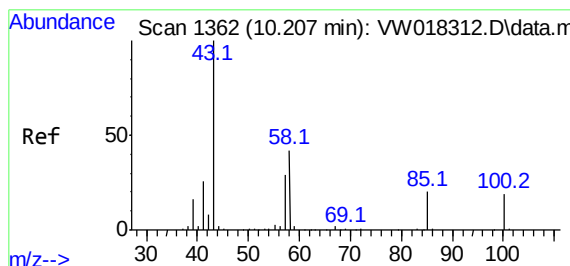
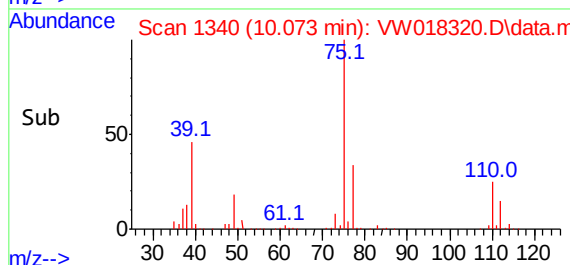
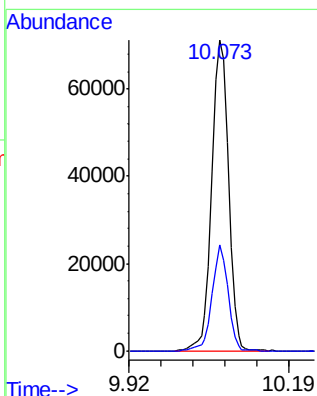
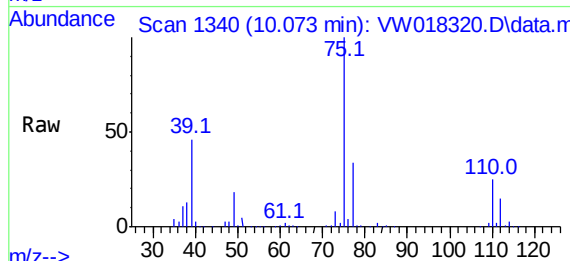




#42
cis-1,3-Dichloropropene
Concen: 26.16 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

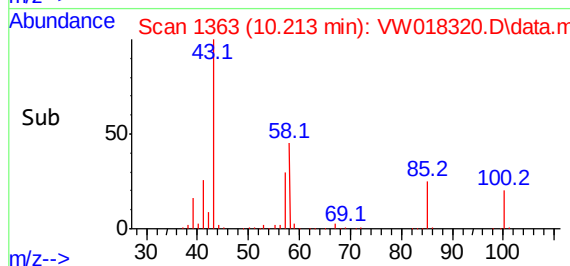
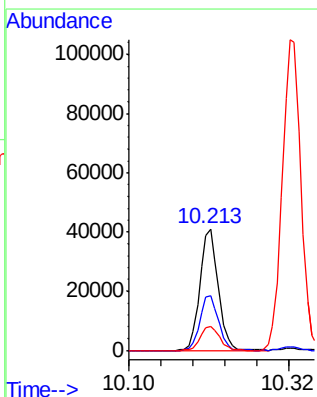
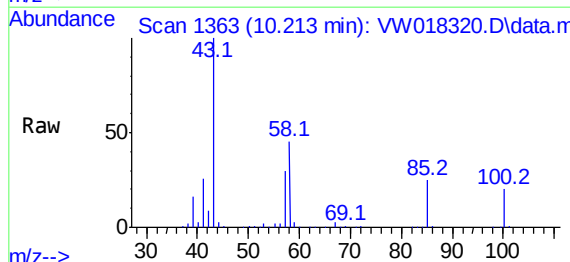
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

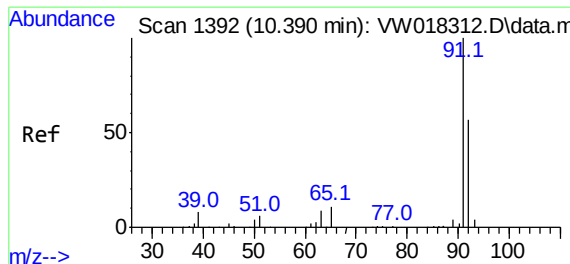
Tgt Ion: 75 Resp: 134011
Ion Ratio Lower Upper
75 100
77 34.1 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 45.42 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 43 Resp: 72071
Ion Ratio Lower Upper
43 100
58 45.4 34.8 52.2
100 20.7 15.9 23.9

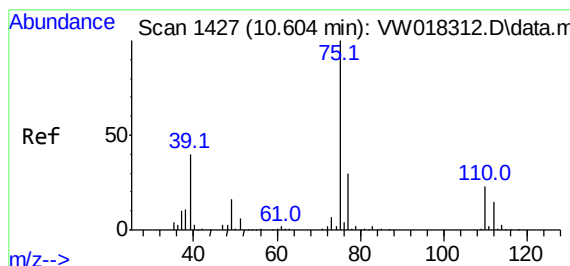
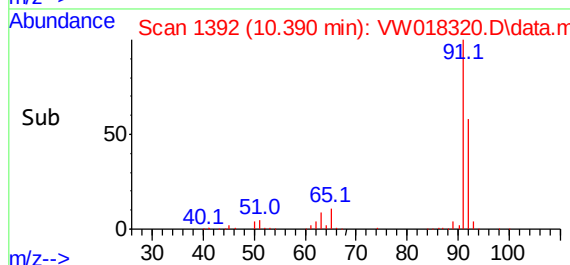
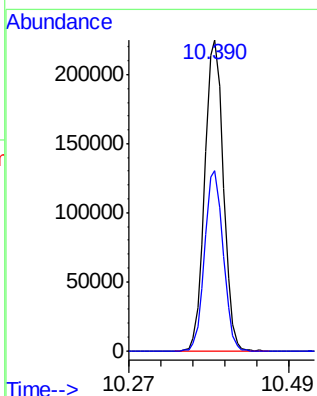
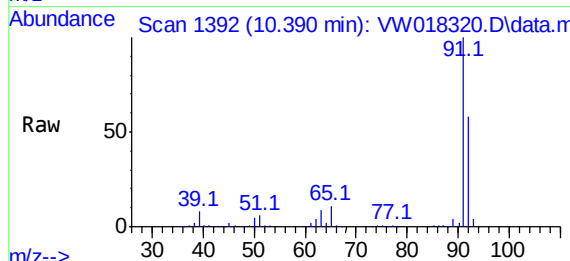




#44
Toluene
Concen: 27.12 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

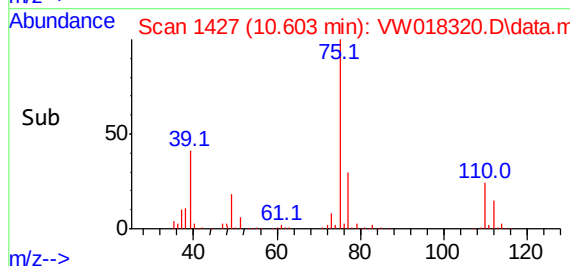
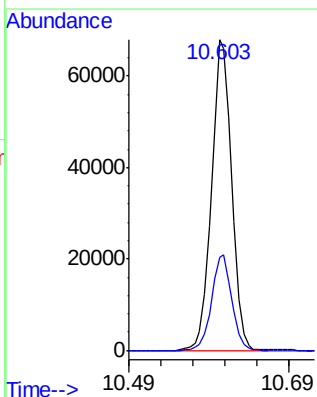
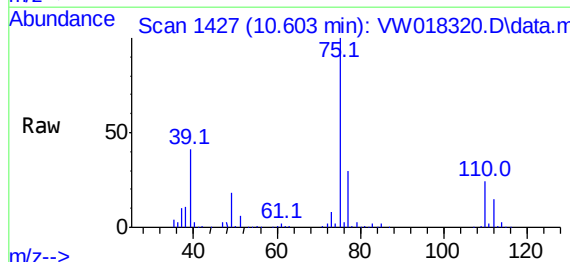
Instrument :
MSVOA_W
ClientSampled :
VSTD02599

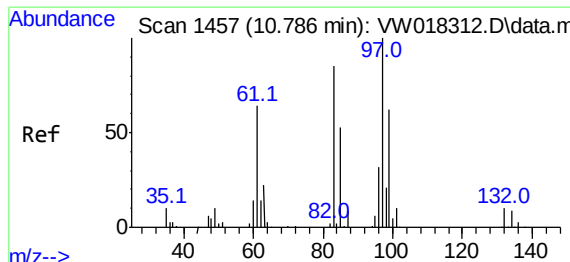
Tgt Ion: 91 Resp: 399975
Ion Ratio Lower Upper
91 100
92 57.8 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 25.84 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 75 Resp: 118251
Ion Ratio Lower Upper
75 100
77 30.0 22.6 42.0



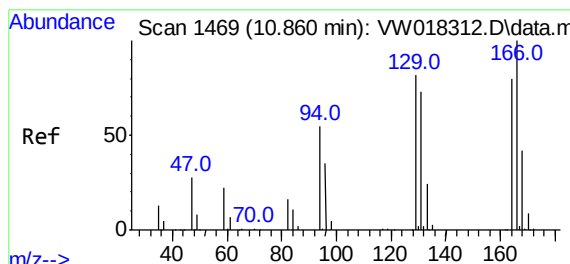
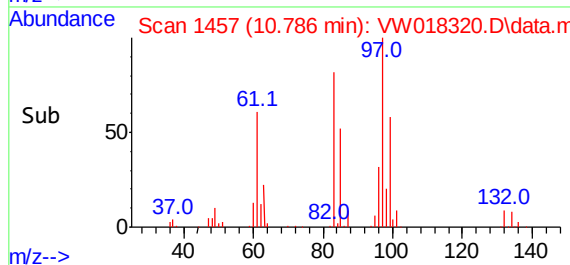
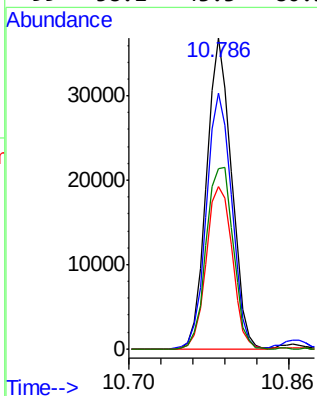
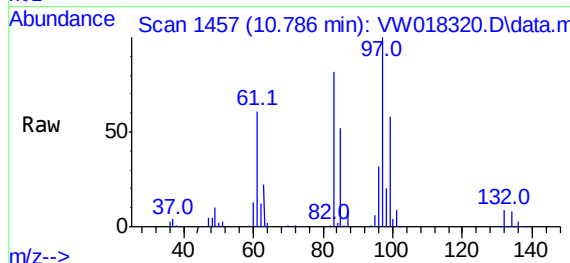


#46
1,1,2-Trichloroethane
Concen: 24.91 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

Tgt Ion: 97 Resp: 62578

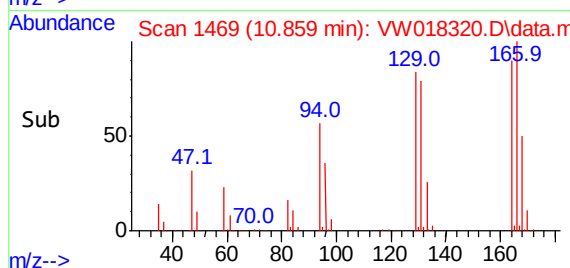
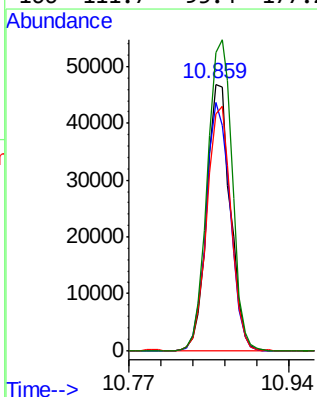
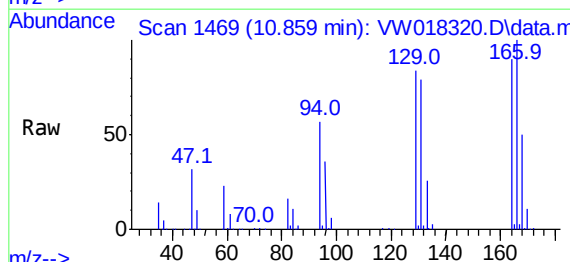
Ion	Ratio	Lower	Upper
97	100		
83	82.3	58.9	109.5
85	52.2	38.4	71.4
99	58.1	43.3	80.3

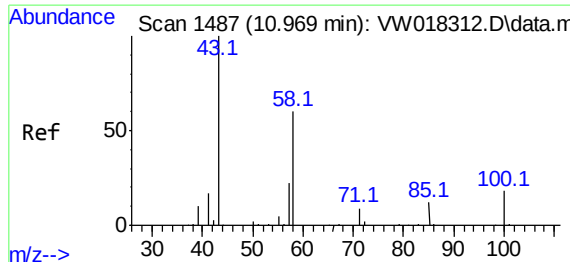


#47
Tetrachloroethene
Concen: 27.28 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 164 Resp: 78803

Ion	Ratio	Lower	Upper
164	100		
129	93.3	68.8	127.8
131	88.6	68.3	126.8
166	111.7	95.4	177.2



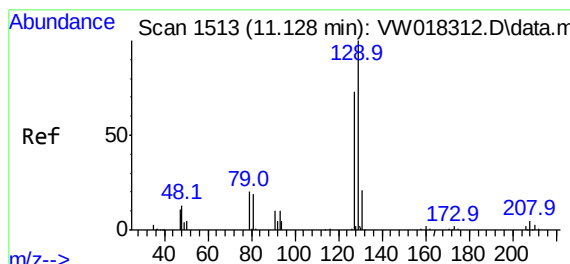
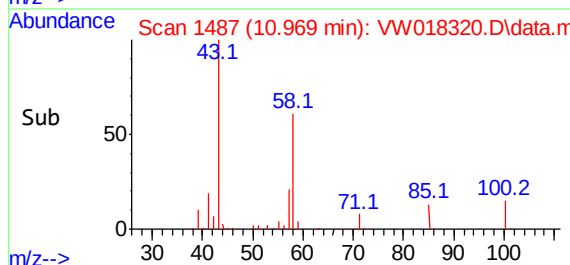
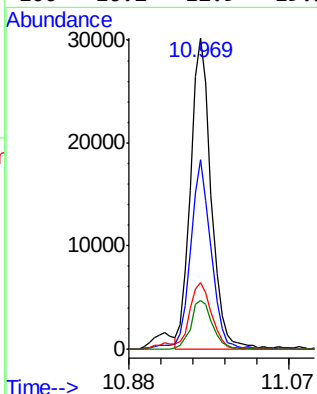
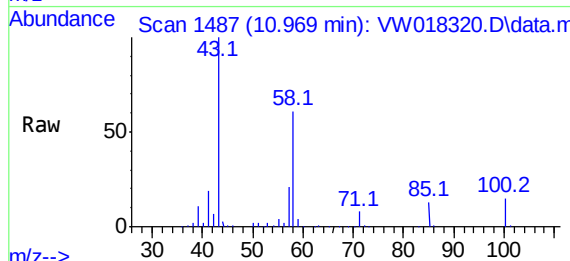


#49
2-Hexanone
Concen: 45.83 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

Tgt Ion: 43 Resp: 50136

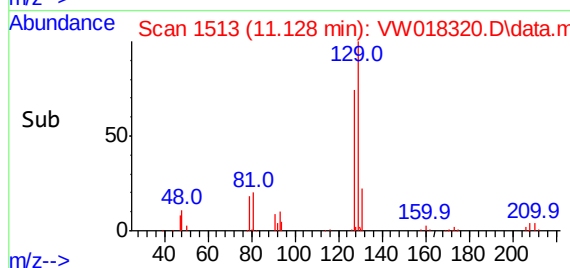
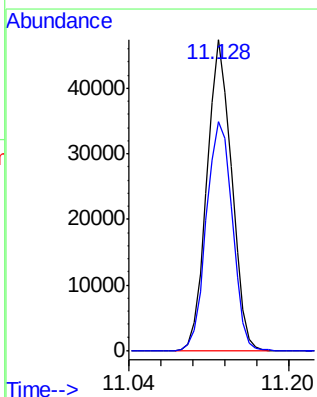
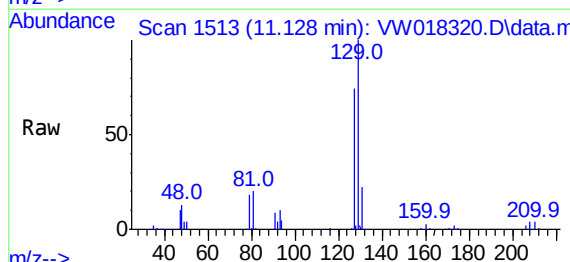
Ion	Ratio	Lower	Upper
43	100		
58	60.6	47.3	70.9
57	22.6	17.3	25.9
100	16.2	12.9	19.3

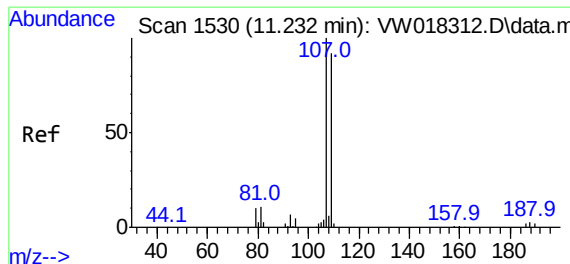


#50
Dibromochloromethane
Concen: 25.74 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 129 Resp: 79506

Ion	Ratio	Lower	Upper
129	100		
127	73.8	58.0	107.6

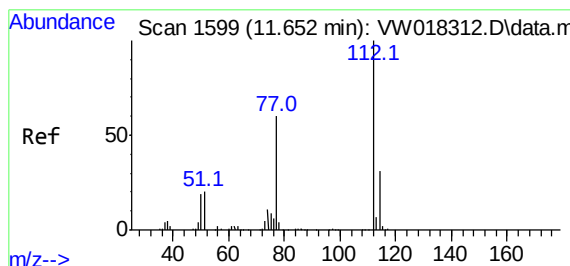
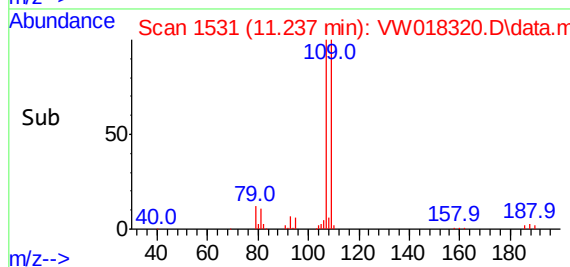
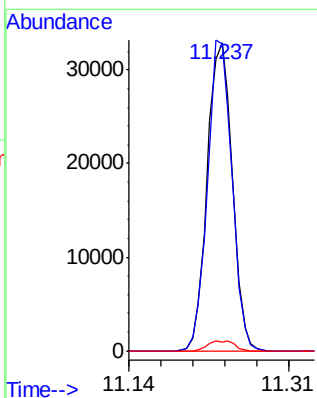
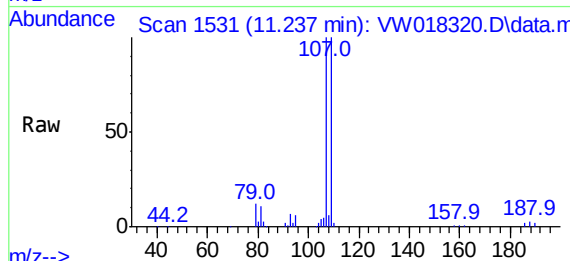




#51
1,2-Dibromoethane
Concen: 23.98 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

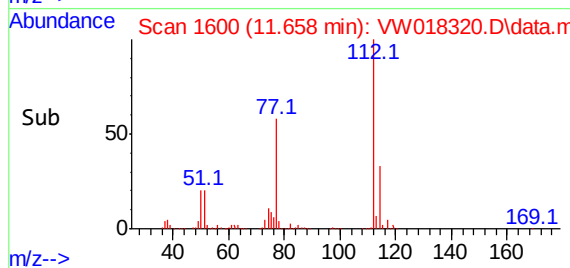
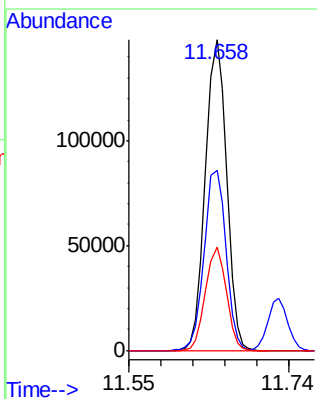
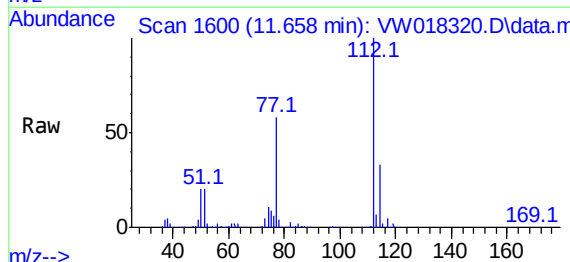
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

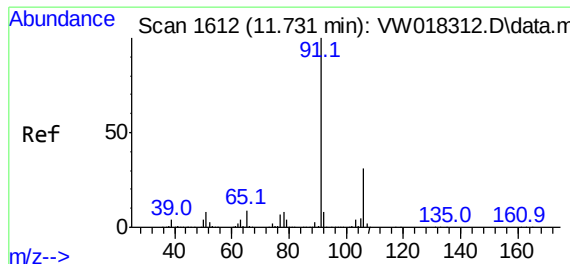
Tgt Ion:107 Resp: 59326
Ion Ratio Lower Upper
107 100
109 99.6 65.9 122.5
188 3.0 3.0 4.4



#52
Chlorobenzene
Concen: 26.11 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion:112 Resp: 249502
Ion Ratio Lower Upper
112 100
77 58.0 45.4 68.2
114 33.2 22.5 41.9

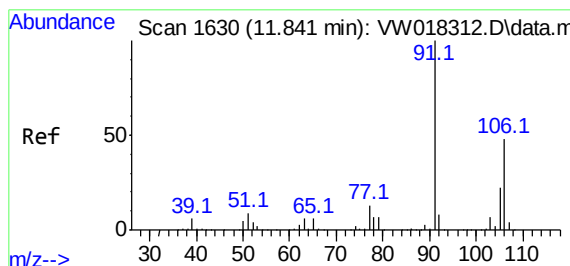
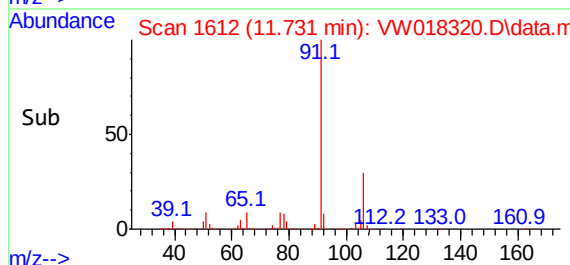
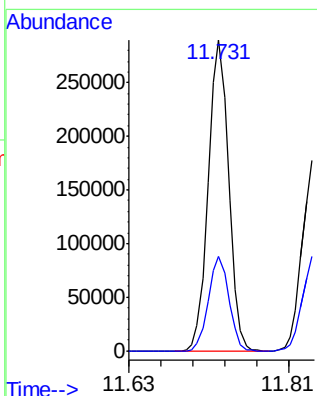
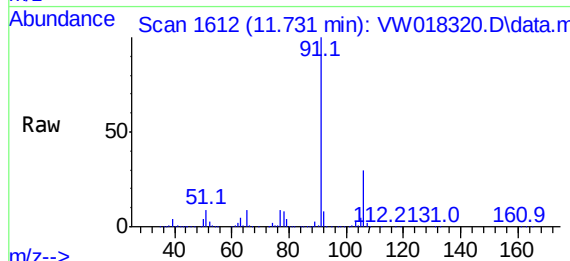




#53
Ethylbenzene
Concen: 27.05 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

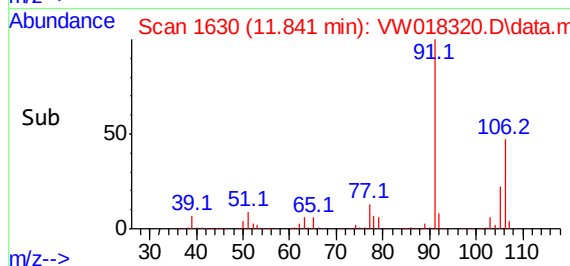
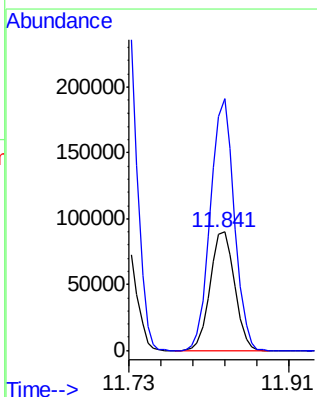
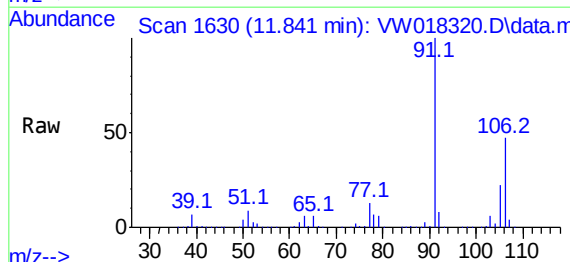
Instrument :
MSVOA_W
ClientSampled :
VSTD02599

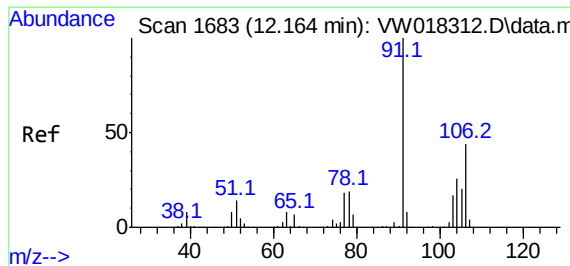
Tgt Ion: 91 Resp: 458509
Ion Ratio Lower Upper
91 100
106 30.2 21.7 40.3



#54
m,p-Xylene
Concen: 26.70 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 106 Resp: 171452
Ion Ratio Lower Upper
106 100
91 212.2 145.3 269.8

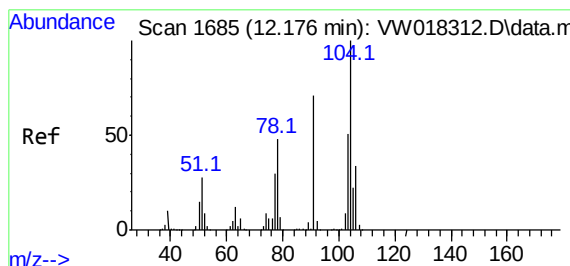
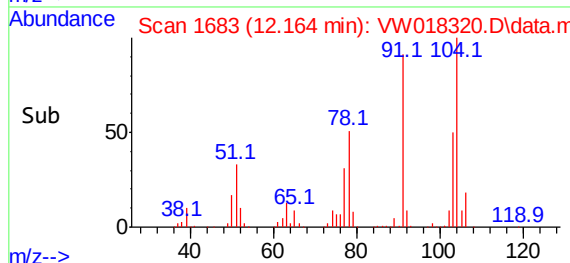
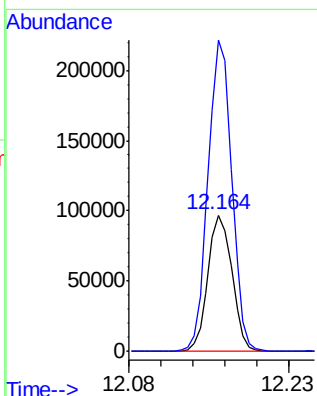
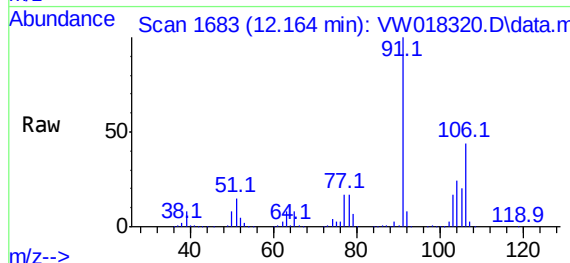




#55
o-xylene
Concen: 26.25 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

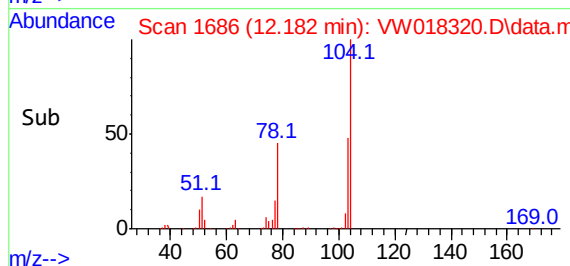
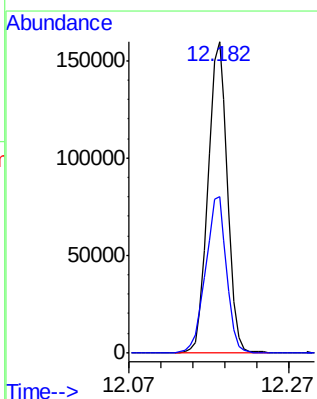
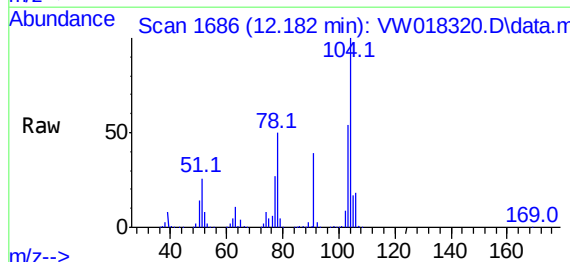
Instrument :
MSVOA_W
ClientSampled :
VSTD02599

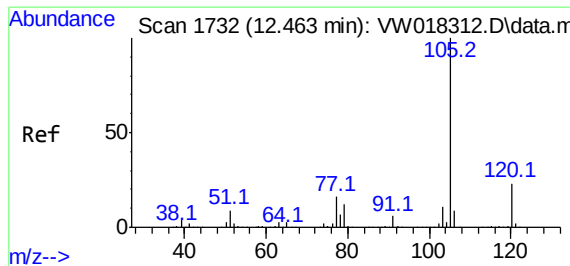
Tgt Ion:106 Resp: 157653
Ion Ratio Lower Upper
106 100
91 228.5 154.3 286.5



#56
Styrene
Concen: 26.07 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion:104 Resp: 267891
Ion Ratio Lower Upper
104 100
78 50.2 34.7 64.5

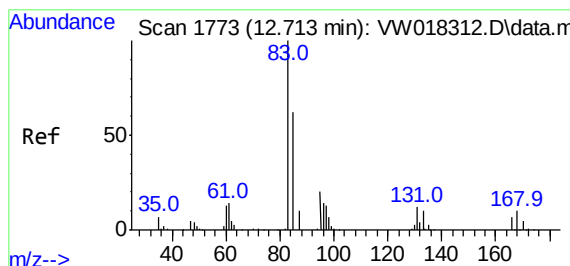
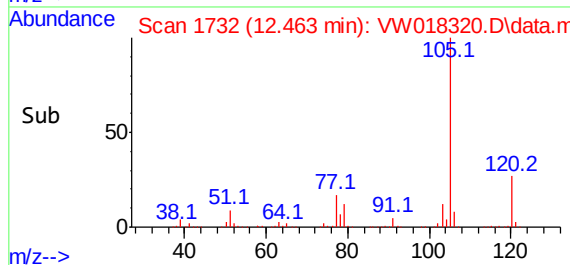
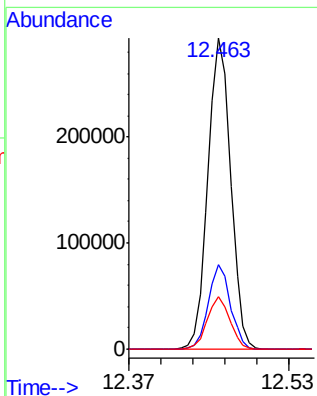
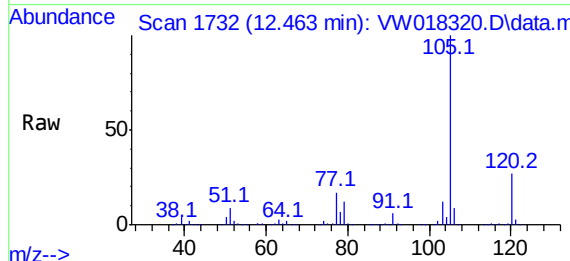




#57
Isopropylbenzene
Concen: 26.53 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

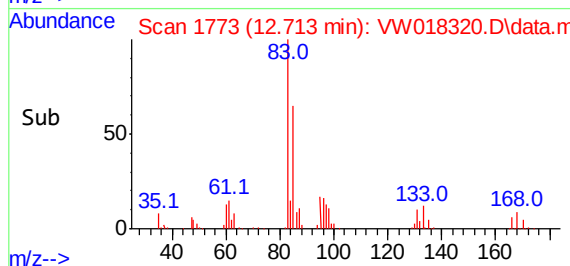
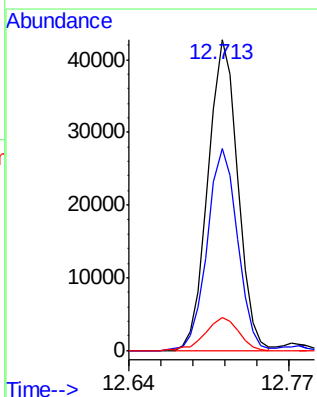
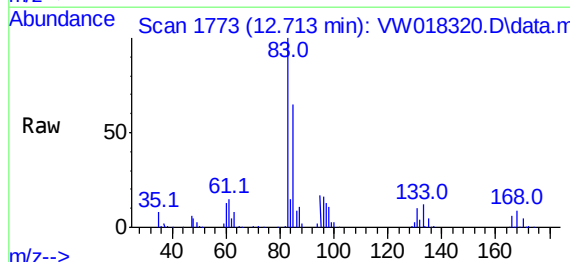
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

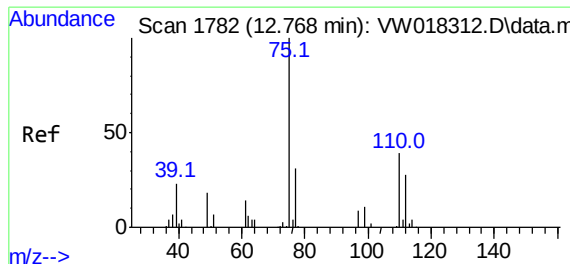
Tgt Ion:105 Resp: 451933
Ion Ratio Lower Upper
105 100
120 25.9 20.9 31.3
77 16.5 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 23.46 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 83 Resp: 67972
Ion Ratio Lower Upper
83 100
85 65.2 49.0 91.0
131 10.4 8.7 13.1

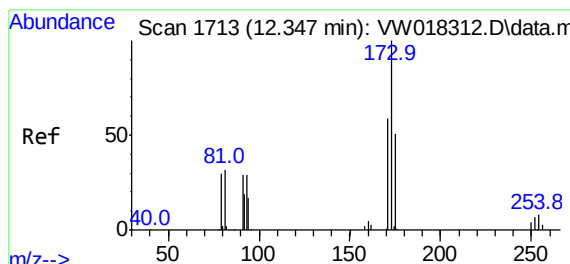
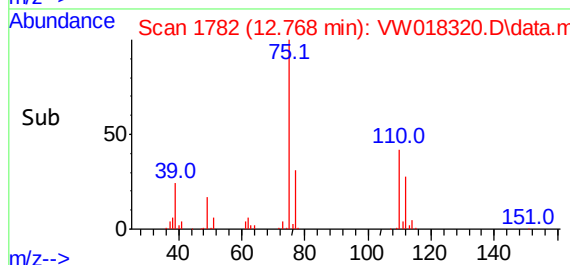
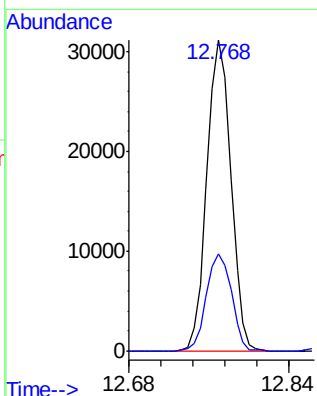
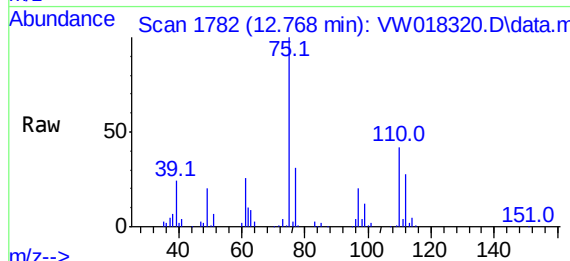




#59
1,2,3-Trichloropropane
Concen: 23.19 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

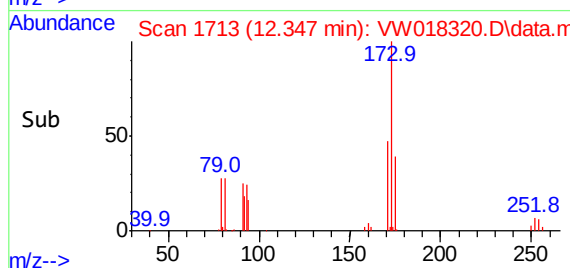
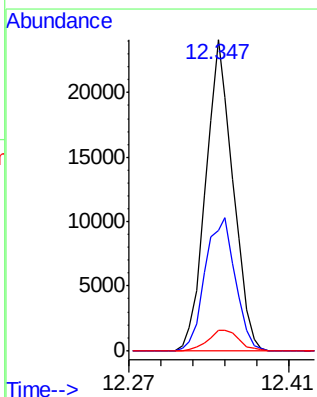
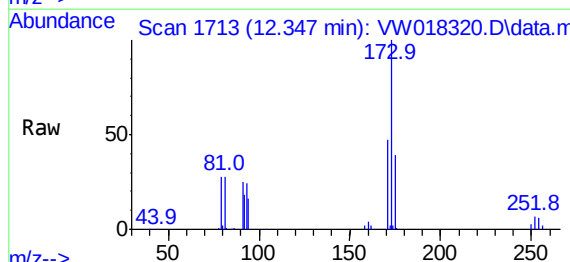
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

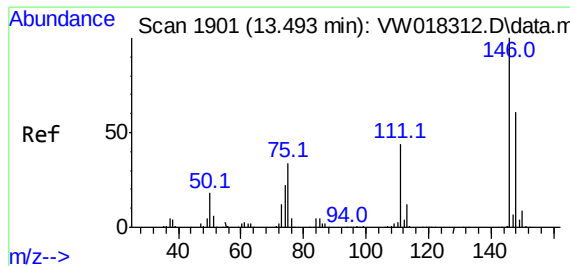
Tgt Ion: 75 Resp: 50912
Ion Ratio Lower Upper
75 100
77 32.4 25.6 38.4



#62
Bromoform
Concen: 26.33 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 173 Resp: 38988
Ion Ratio Lower Upper
173 100
175 47.3 38.2 57.2
254 7.3 6.0 9.0

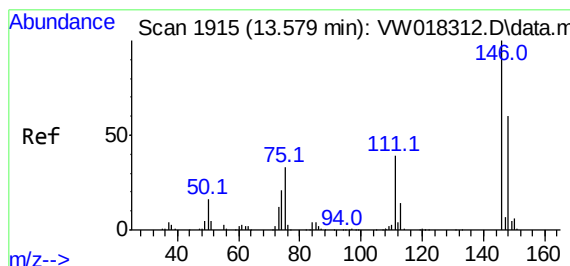
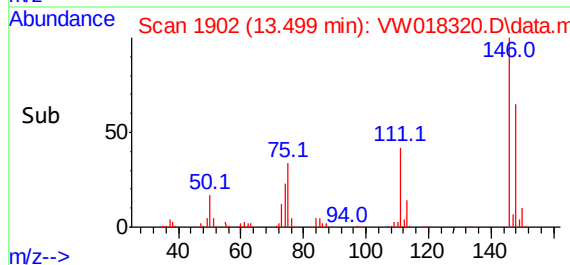
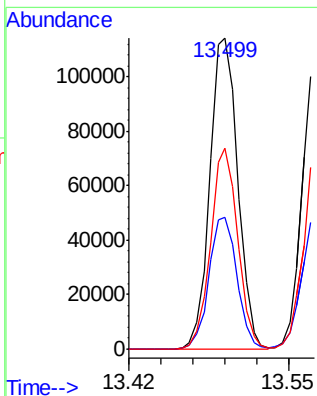
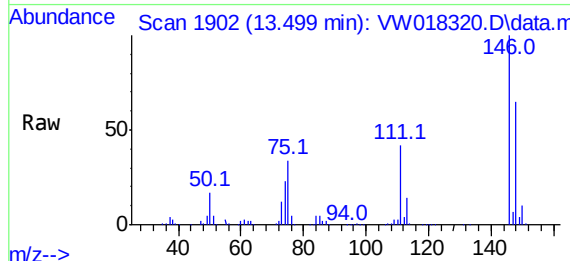




#63
1,3-Dichlorobenzene
Concen: 28.42 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

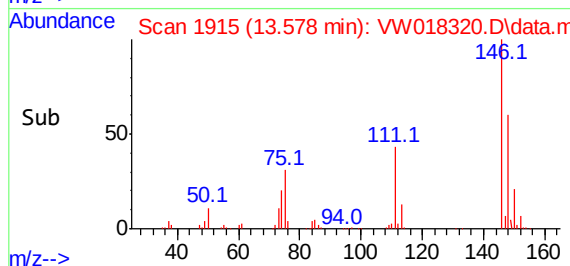
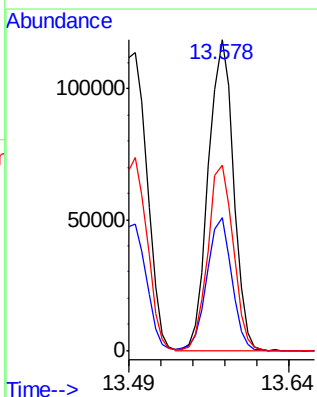
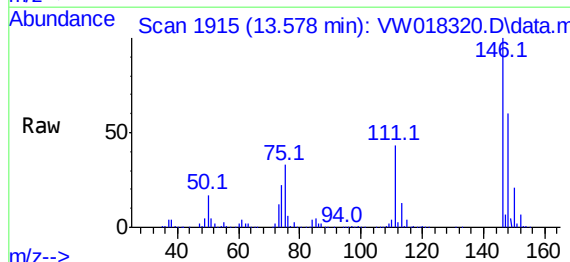
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

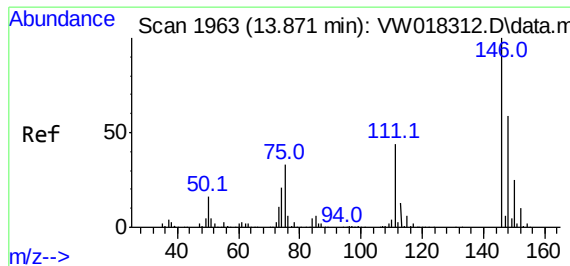
Tgt Ion:146 Resp: 189992
Ion Ratio Lower Upper
146 100
111 42.4 27.5 51.1
148 64.8 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 28.69 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion:146 Resp: 189774
Ion Ratio Lower Upper
146 100
111 42.8 28.3 52.5
148 59.6 47.3 87.9

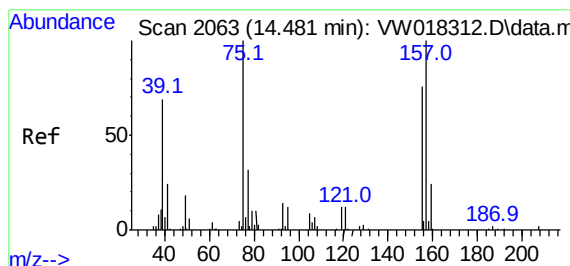
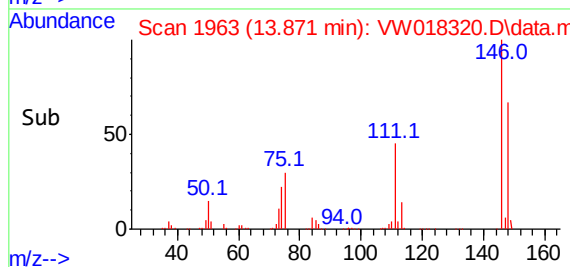
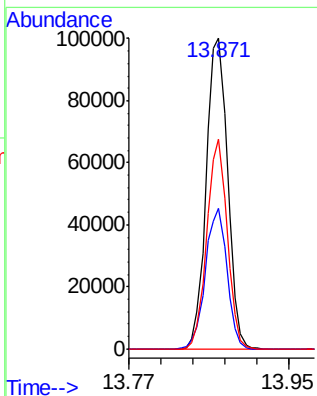
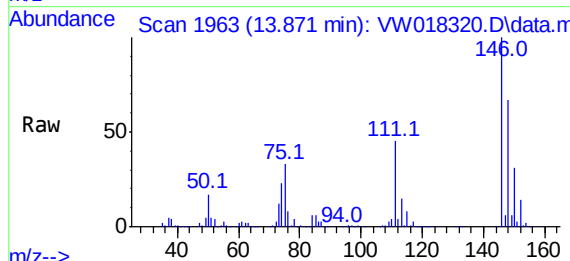




#65
1,2-Dichlorobenzene
Concen: 27.76 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

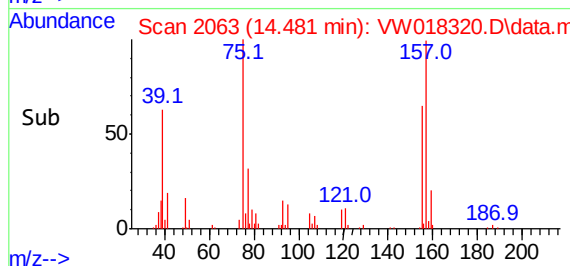
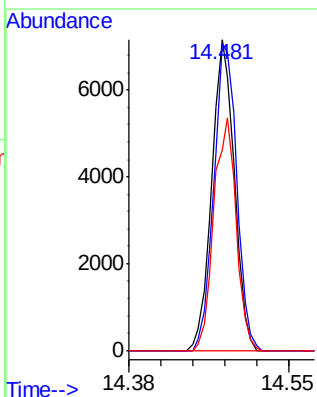
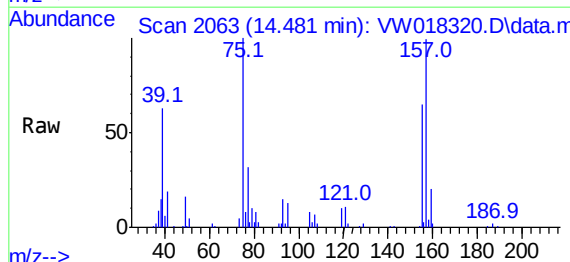
Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

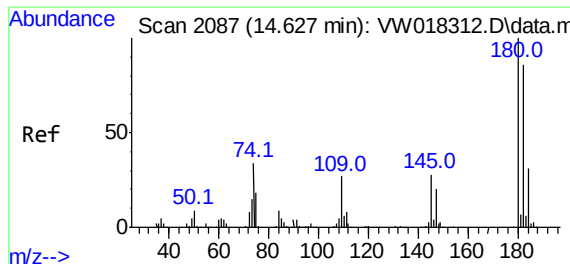
Tgt Ion:146 Resp: 166966
Ion Ratio Lower Upper
146 100
111 45.1 36.0 54.0
148 67.3 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 24.70 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion: 75 Resp: 11598
Ion Ratio Lower Upper
75 100
157 98.7 65.2 97.8#
155 64.6 60.1 90.1



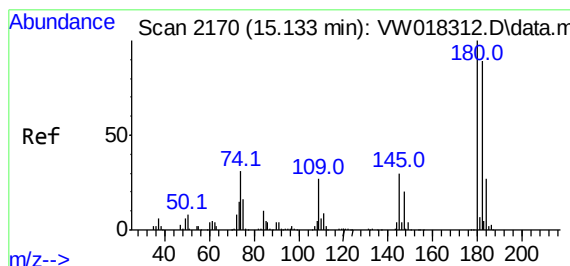
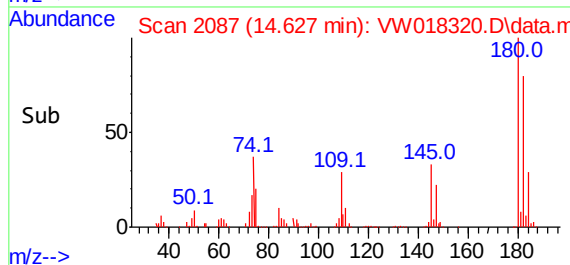
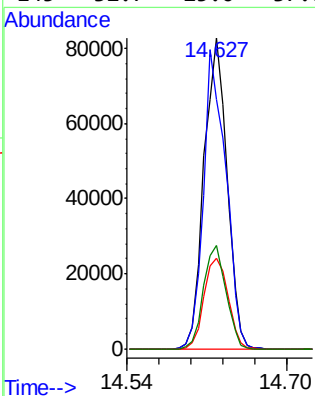
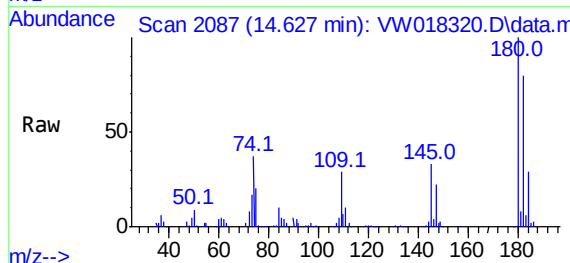


#67
 1,3,5-Trichlorobenzene
 Concen: 26.52 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02599

Tgt Ion:180 Resp: 129396

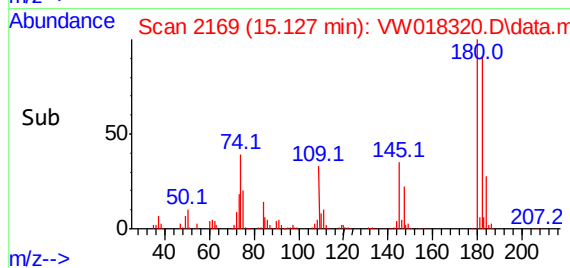
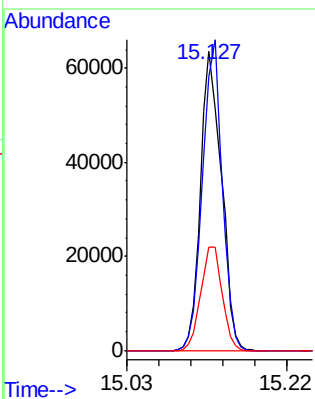
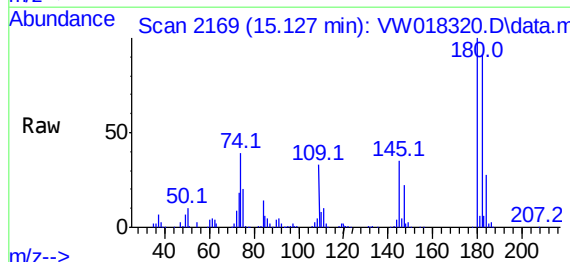
Ion	Ratio	Lower	Upper
180	100		
182	93.2	71.8	107.8
184	30.5	23.5	35.3
145	32.7	25.0	37.6

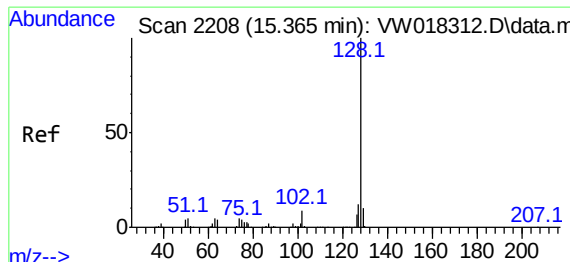


#68
 1,2,4-trichlorobenzene
 Concen: 26.06 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VW018320.D
 Acq: 12 Mar 2021 15:26

Tgt Ion:180 Resp: 104358

Ion	Ratio	Lower	Upper
180	100		
182	98.4	70.2	105.4
145	35.6	24.9	37.3

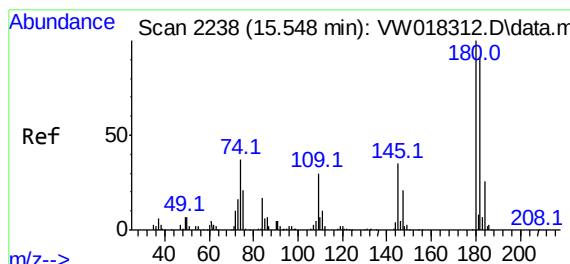
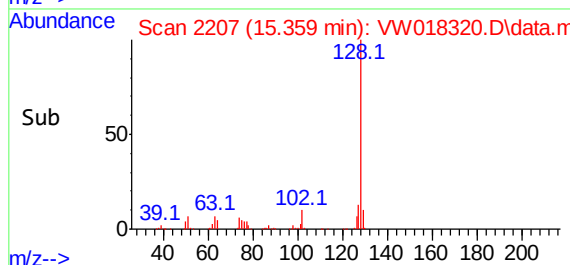
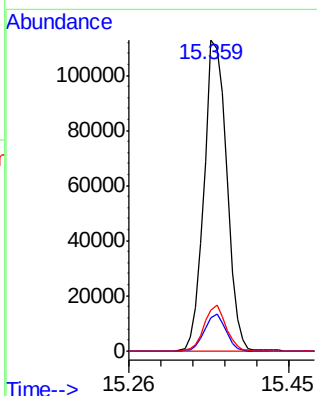
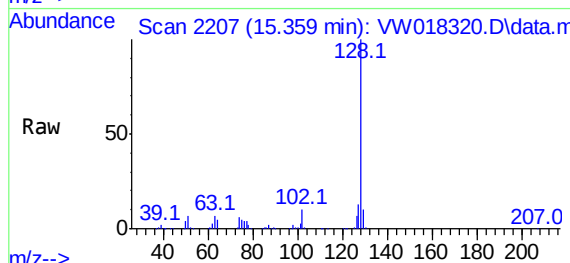




#69
Naphthalene
Concen: 25.65 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02599

Tgt Ion:128 Resp: 202127
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.9 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 27.30 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018320.D
Acq: 12 Mar 2021 15:26

Tgt Ion:180 Resp: 95134
Ion Ratio Lower Upper
180 100
182 89.9 76.5 114.7
145 34.6 27.7 41.5

