

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012021\
 Data File : VW017969.D
 Acq On : 20 Jan 2021 15:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Quant Time: Jan 20 22:04:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 22:00:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	353119	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	339373	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	172991	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122627	22.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.48%		
7) Chloroethane-d5	2.886	69	111727	24.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	97.68%		
10) 1,1-Dichloroethene-d2	4.026	63	226764	22.65	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.60%		
20) 2-Butanone-d5	7.080	46	62733	46.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.60%		
24) Chloroform-d	7.647	84	227738	23.64	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.56%		
26) 1,2-Dichloroethane-d4	8.305	65	130118	23.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.48%		
29) Benzene-d6	8.275	84	429548	22.12	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	88.48%		
33) 1,2-Dichloropropane-d6	9.275	67	126023	22.80	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	91.20%		
37) Toluene-d8	10.323	98	400011	21.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.76%		
38) trans-1,3-Dichloroprop...	10.579	79	55783	22.10	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.40%		
39) 2-Hexanone-d5	10.927	63	45973	46.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	92.78%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	116627	23.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.92%		
61) 1,2-Dichlorobenzene-d4	13.853	152	137530	22.85	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	91.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	118290	27.67	ug/L	95
3) Chloromethane	2.209	50	103225	26.70	ug/L	98
5) Vinyl chloride	2.361	62	171236	29.06	ug/L	100
6) Bromomethane	2.776	94	148180	31.30	ug/L	99
8) Chloroethane	2.922	64	111096	30.35	ug/L	96
9) Trichlorofluoromethane	3.257	101	113166	25.33	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.062	101	132099	26.88	ug/L #	71
12) 1,1-Dichloroethene	4.044	96	124020	26.77	ug/L	88
13) Acetone	4.129	43	48539	51.42	ug/L	94
14) Carbon disulfide	4.385	76	385359	26.87	ug/L	100
16) Methylene chloride	4.916	84	133309	26.06	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	163808	26.26	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	135482	27.02	ug/L	98
19) 1,1-Dichloroethane	6.214	63	236238	27.82	ug/L	98
21) 2-Butanone	7.171	43	80078	54.60	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	142952	27.22	ug/L	96
23) Bromochloromethane	7.513	128	63211	26.48	ug/L	90
25) Chloroform	7.671	83	253687	28.03	ug/L	100
27) 1,2-Dichloroethane	8.397	62	177305	28.40	ug/L	96
30) Cyclohexane	7.958	56	220419	26.43	ug/L	99

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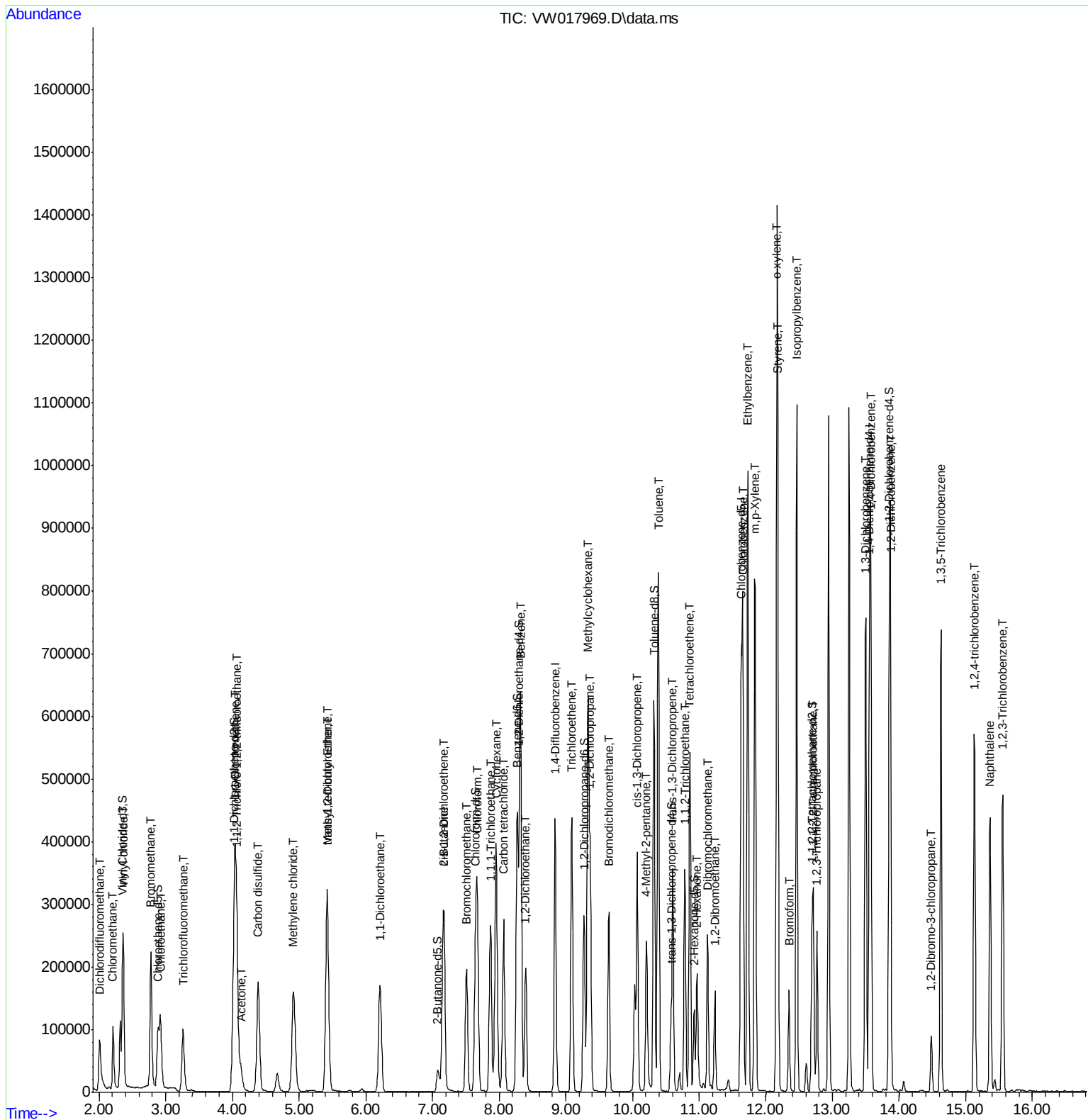
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 QLast Update : Wed Jan 20 22:00:56 2021
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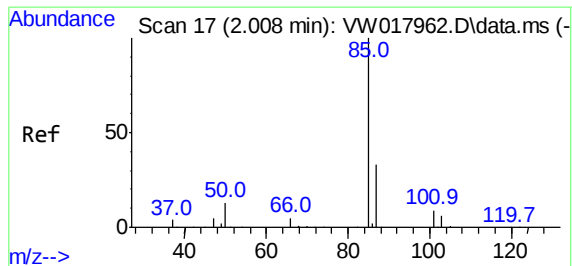
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) 1,1,1-Trichloroethane	7.872	97	206757	26.15	ug/L	96
32) Carbon tetrachloride	8.068	117	196565	26.00	ug/L	97
34) Benzene	8.324	78	540749	26.95	ug/L	100
35) Trichloroethene	9.092	95	142759	25.87	ug/L	95
36) Methylcyclohexane	9.336	83	252547	26.29	ug/L	99
40) 1,2-Dichloropropane	9.366	63	131465	27.08	ug/L	98
41) Bromodichloromethane	9.646	83	182132	27.19	ug/L	93
42) cis-1,3-Dichloropropene	10.073	75	208010	26.96	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	169535	51.95	ug/L	96
44) Toluene	10.390	91	598973	27.01	ug/L	99
45) trans-1,3-Dichloropropene	10.604	75	185187	27.48	ug/L	98
46) 1,1,2-Trichloroethane	10.787	97	103536	26.49	ug/L	98
47) Tetrachloroethene	10.860	164	109280	25.17	ug/L	94
49) 2-Hexanone	10.969	43	121062	54.32	ug/L	90
50) Dibromochloromethane	11.128	129	120106	25.74	ug/L	94
51) 1,2-Dibromoethane	11.238	107	103028	26.22	ug/L #	96
52) Chlorobenzene	11.658	112	379872	26.57	ug/L	97
53) Ethylbenzene	11.731	91	678413	27.09	ug/L	96
54) m,p-Xylene	11.835	106	256428	26.46	ug/L	92
55) o-xylene	12.164	106	242645	27.02	ug/L	98
56) Styrene	12.183	104	418607	27.51	ug/L	98
57) Isopropylbenzene	12.463	105	676265	27.09	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	130488	27.05	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	98123	26.91	ug/L	98
62) Bromoform	12.347	173	67370	27.30	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	285445	26.35	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	293254	26.94	ug/L	96
65) 1,2-Dichlorobenzene	13.871	146	263681	27.03	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	20982	25.67	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.627	180	202130	26.70	ug/L	96
68) 1,2,4-trichlorobenzene	15.127	180	163644	25.33	ug/L	93
69) Naphthalene	15.359	128	363612	26.30	ug/L	100
70) 1,2,3-Trichlorobenzene	15.554	180	143791	25.53	ug/L	98

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

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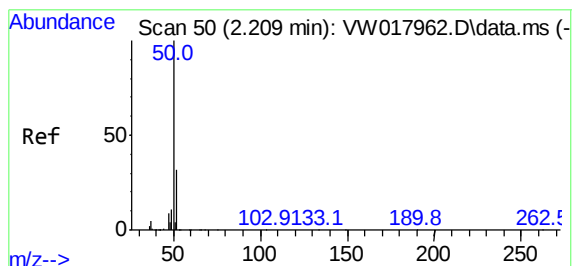
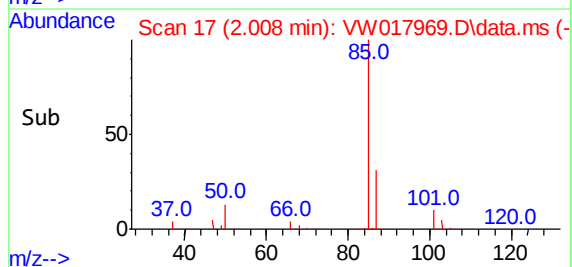
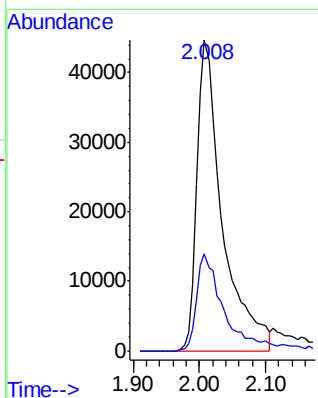
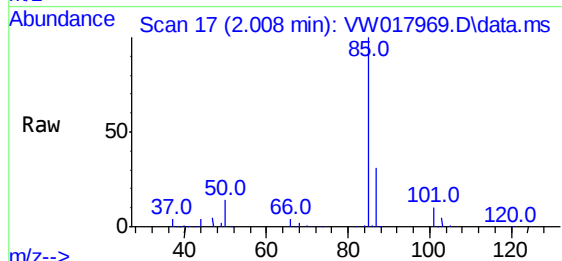




#2
Dichlorodifluoromethane
Concen: 27.67 ug/L
RT: 2.008 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW017969.D
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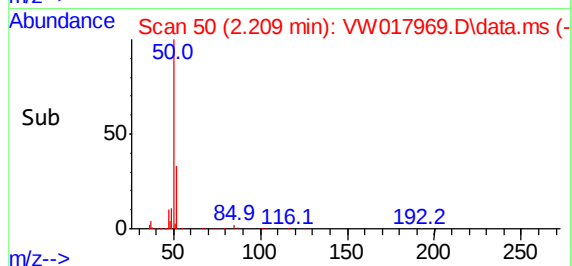
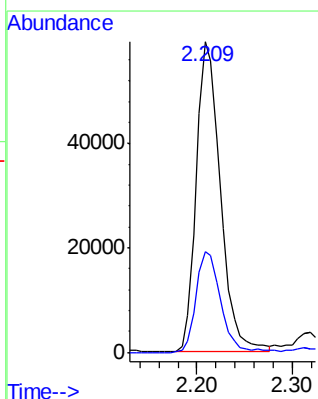
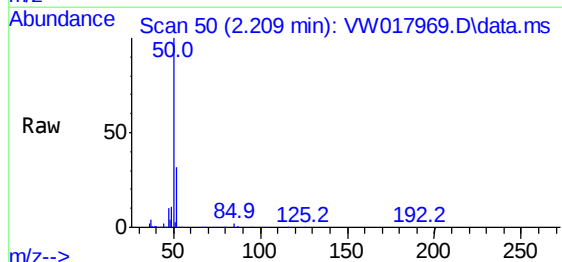
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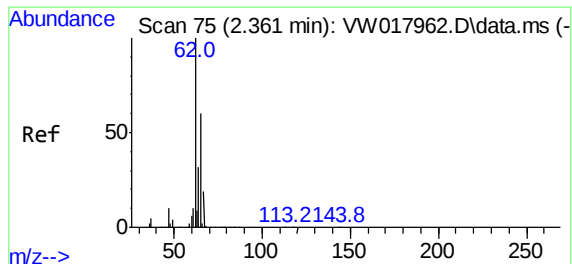
Tgt Ion: 85 Resp: 118290
Ion Ratio Lower Upper
85 100
87 30.5 23.2 43.0



#3
Chloromethane
Concen: 26.70 ug/L
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 50 Resp: 103225
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.6

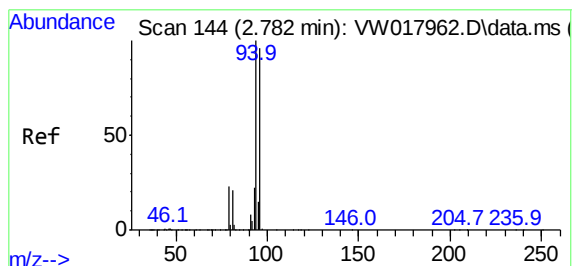
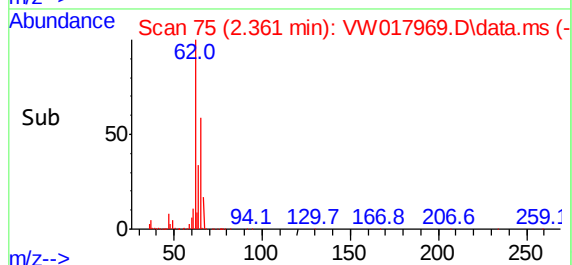
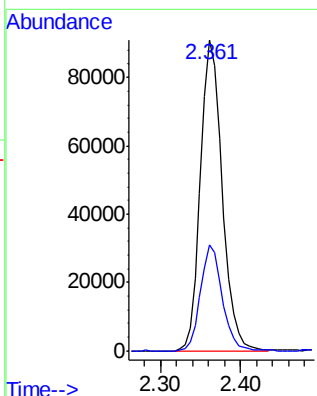
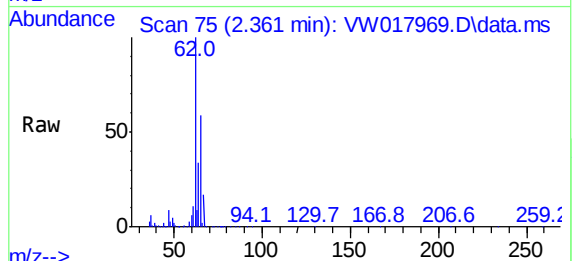




#5
Vinyl chloride
Concen: 29.06 ug/L
RT: 2.361 min Scan# 75
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

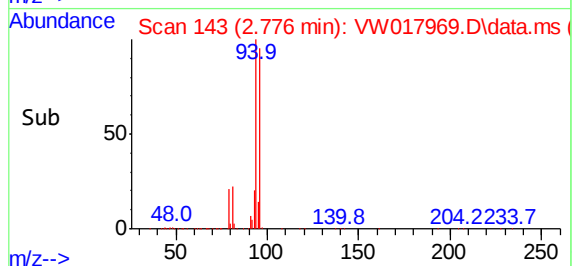
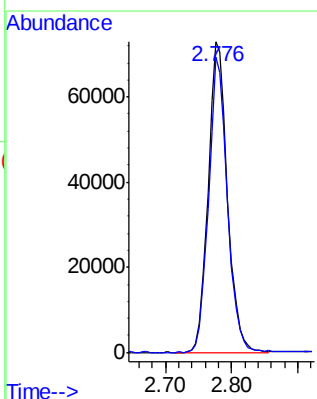
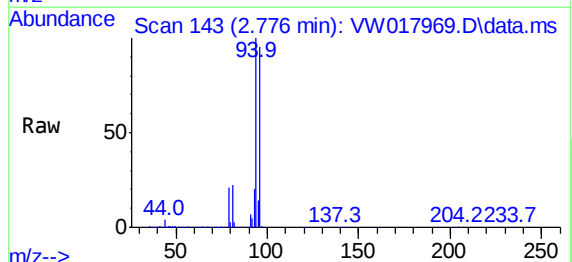
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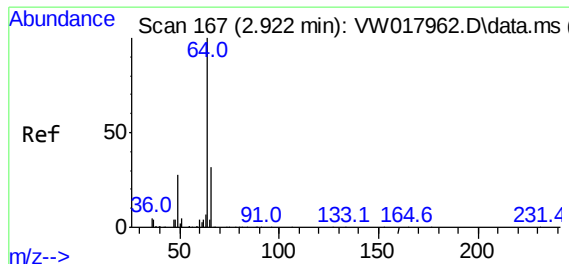
Tgt Ion: 62 Resp: 171236
Ion Ratio Lower Upper
62 100
64 34.2 23.9 44.5



#6
Bromomethane
Concen: 31.30 ug/L
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 94 Resp: 148180
Ion Ratio Lower Upper
94 100
96 92.8 9.4 178.0

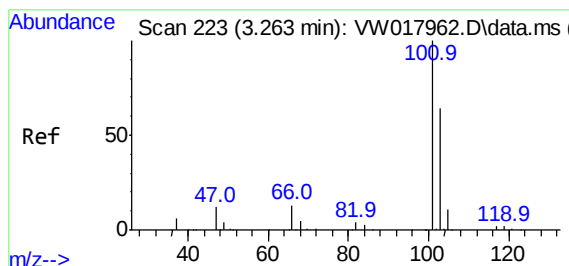
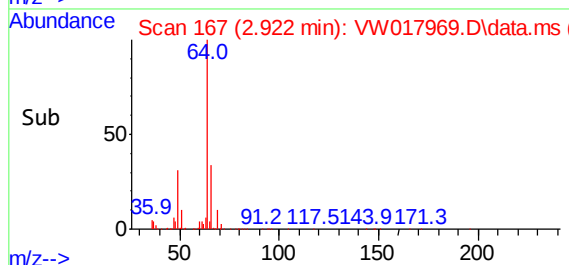
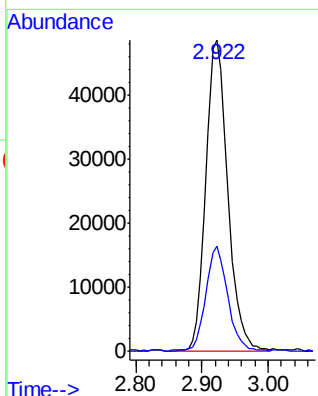
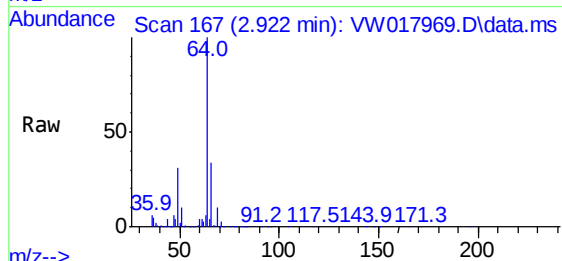




#8
Chloroethane
Concen: 30.35 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

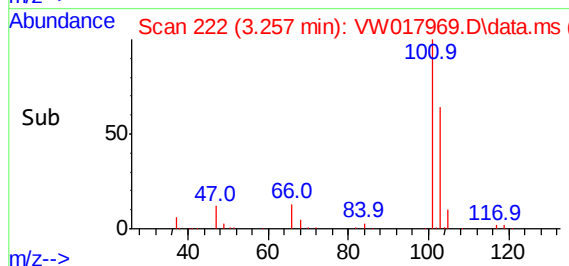
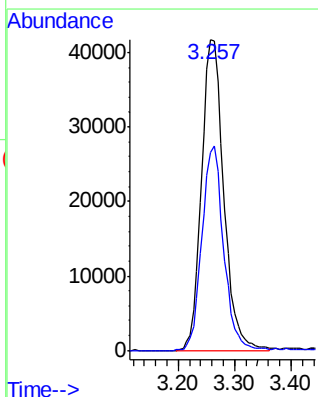
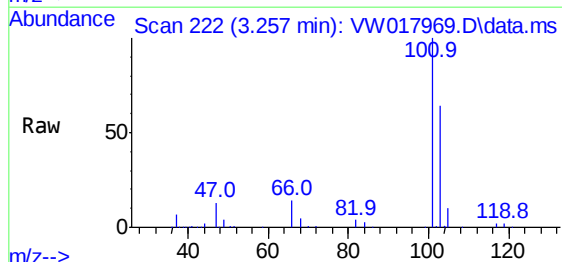
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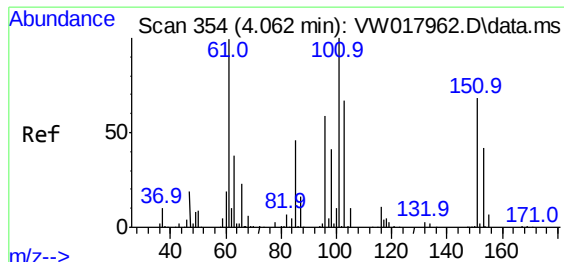
Tgt Ion: 64 Resp: 111096
Ion Ratio Lower Upper
64 100
66 33.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.33 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 101 Resp: 113166
Ion Ratio Lower Upper
101 100
103 63.9 45.0 83.6

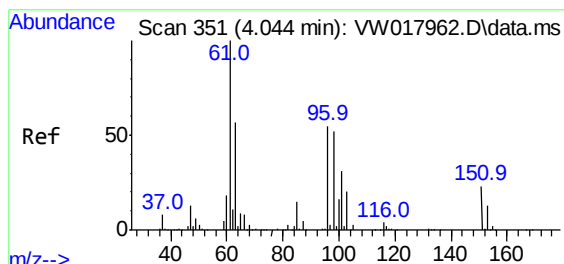
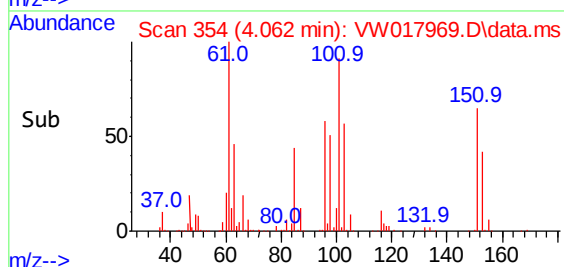
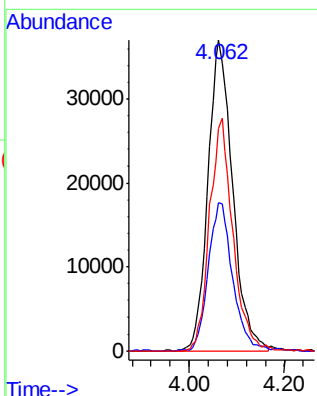
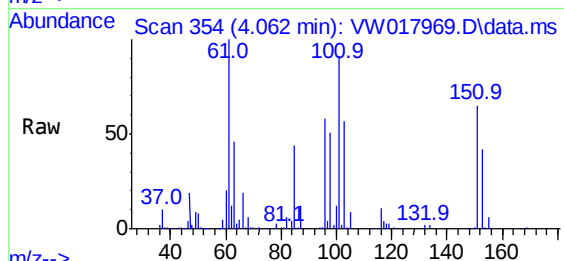




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.88 ug/L
 RT: 4.062 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW017969.D
 Acq: 20 Jan 2021 15:14

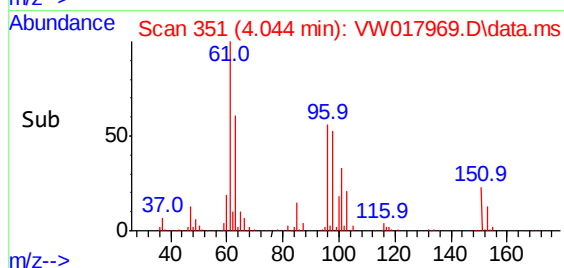
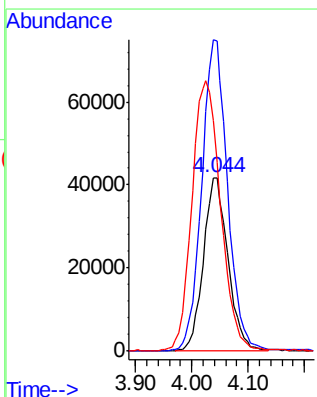
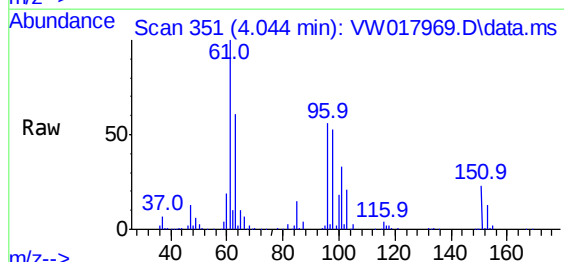
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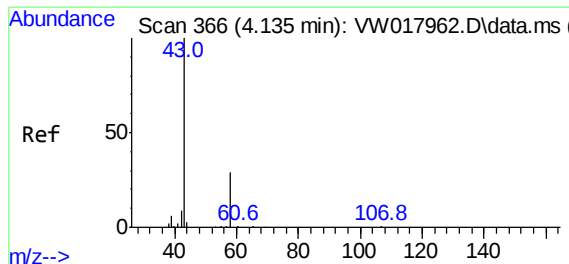
Tgt Ion:101 Resp: 132099
 Ion Ratio Lower Upper
 101 100
 85 47.1 34.2 51.4
 151 70.2 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 26.77 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW017969.D
 Acq: 20 Jan 2021 15:14

Tgt Ion: 96 Resp: 124020
 Ion Ratio Lower Upper
 96 100
 61 179.3 112.5 208.9
 63 109.0 83.1 154.3

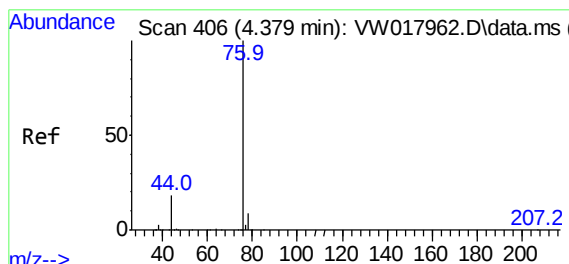
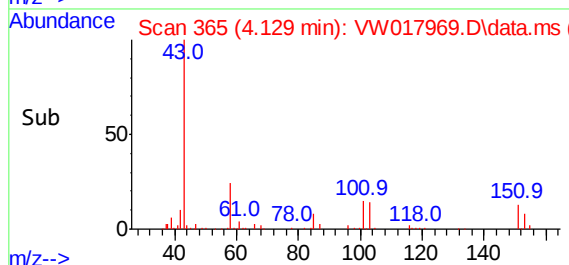
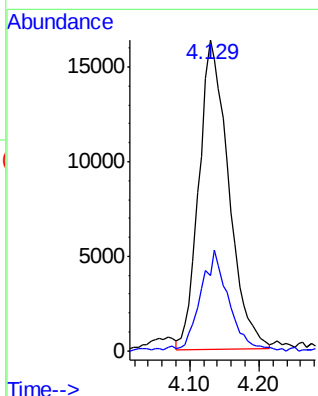
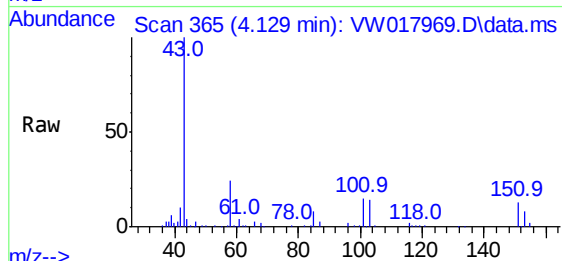




#13
Acetone
Concen: 51.42 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

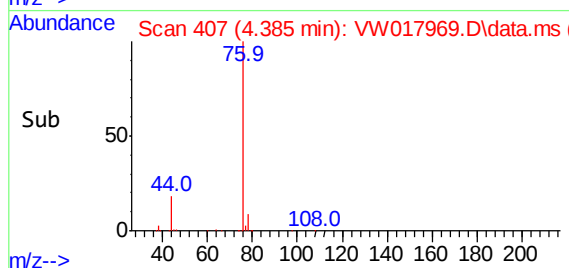
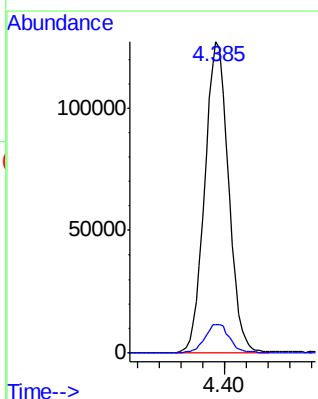
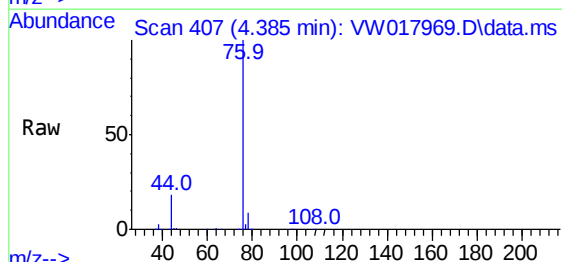
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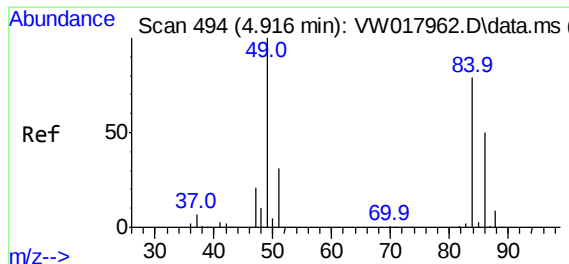
Tgt Ion: 43 Resp: 48539
Ion Ratio Lower Upper
43 100
58 30.7 0.0 68.4



#14
Carbon disulfide
Concen: 26.87 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 76 Resp: 385359
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



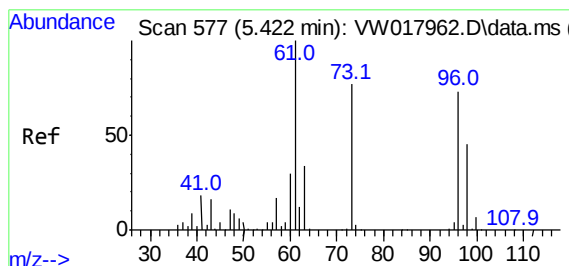
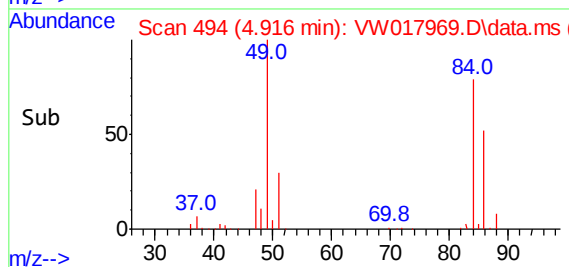
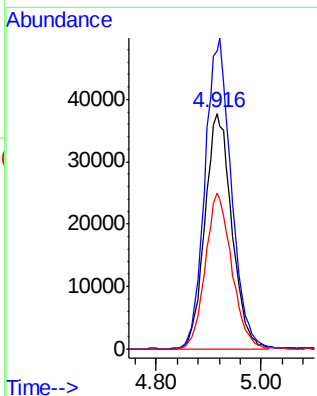
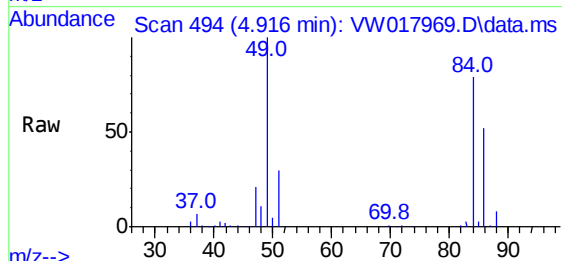


#16
Methylene chloride
Concen: 26.06 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion: 84 Resp: 133309

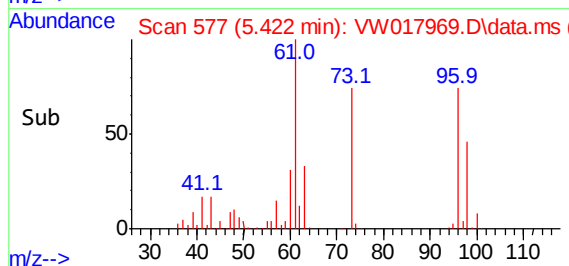
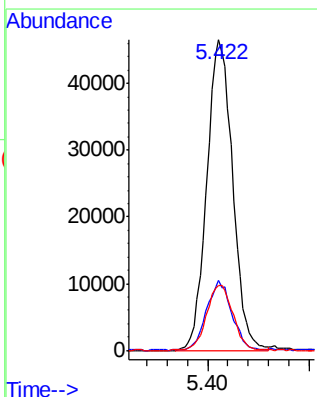
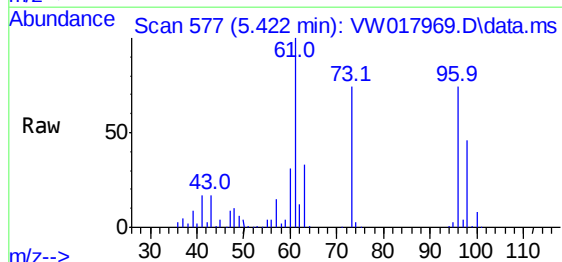
Ion	Ratio	Lower	Upper
84	100		
49	126.7	81.2	150.8
86	66.1	44.5	82.7

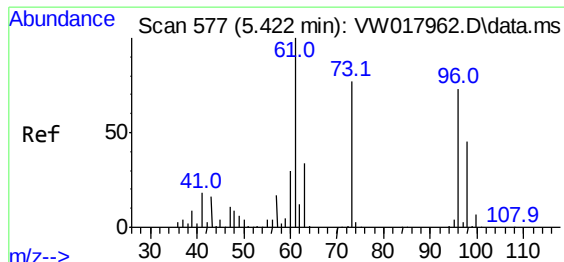


#17
Methyl tert-butyl Ether
Concen: 26.26 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 73 Resp: 163808

Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.2	24.4
57	21.5	17.2	25.8



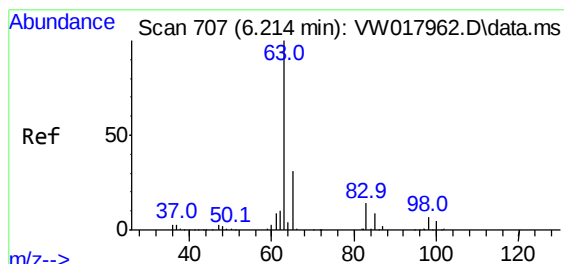
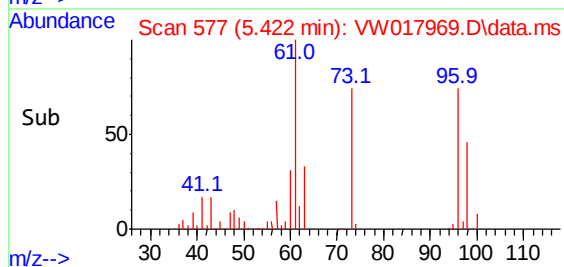
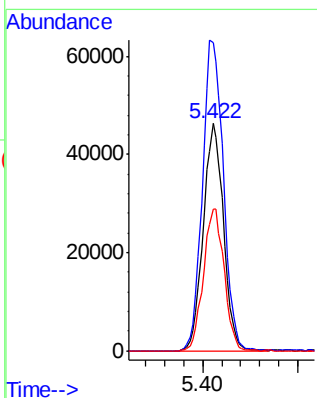
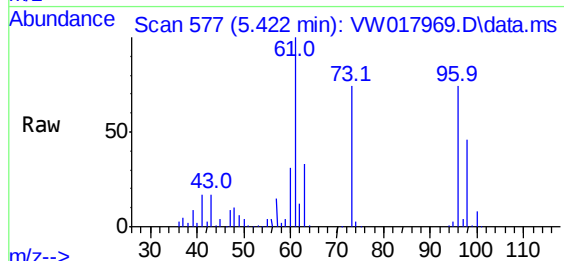


#18
trans-1,2-Dichloroethene
Concen: 27.02 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion: 96 Resp: 135482

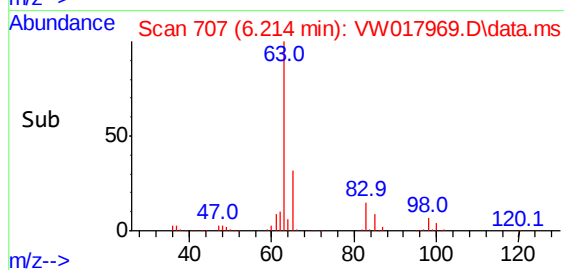
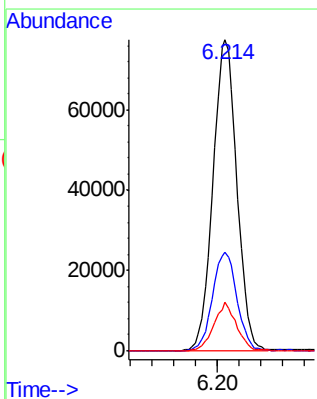
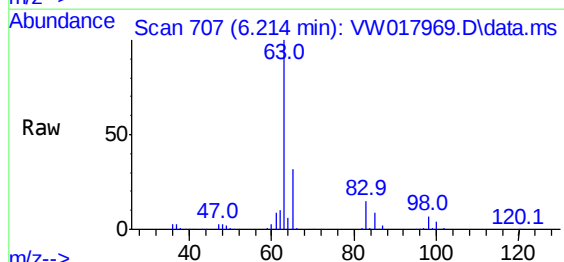
Ion	Ratio	Lower	Upper
96	100		
61	135.7	92.7	172.1
98	62.3	43.3	80.3

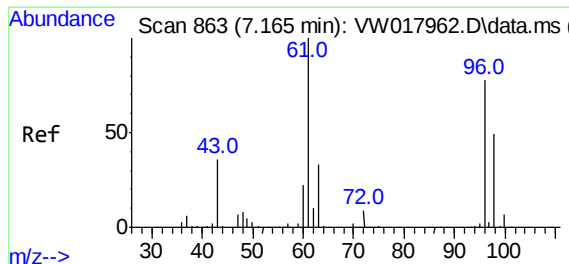


#19
1,1-Dichloroethane
Concen: 27.82 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 63 Resp: 236238

Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	15.5	9.4	17.6

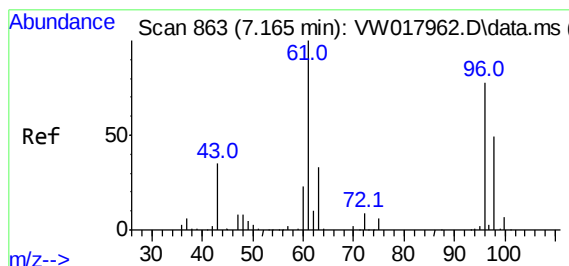
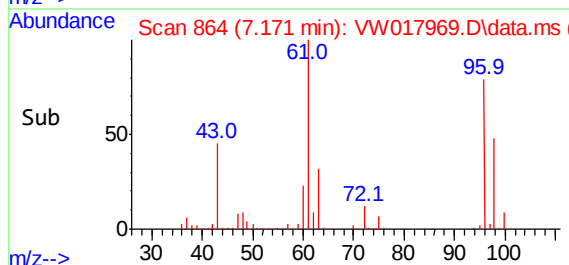
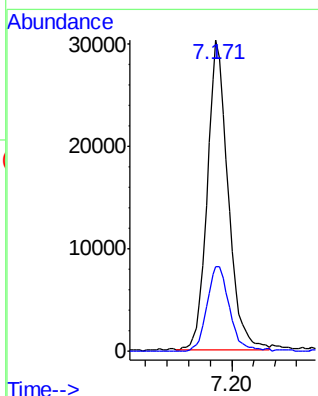
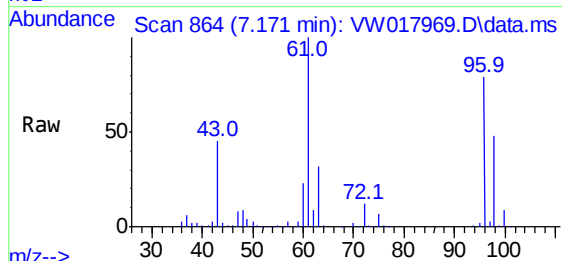




#21
2-Butanone
Concen: 54.60 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

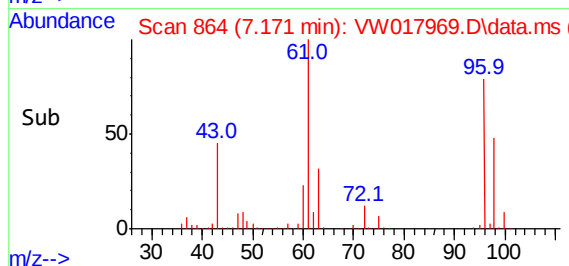
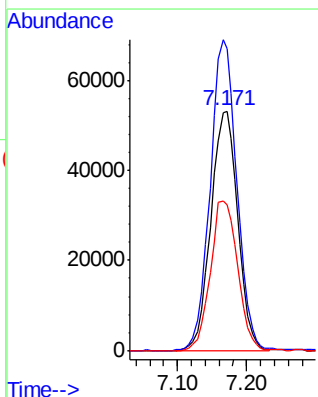
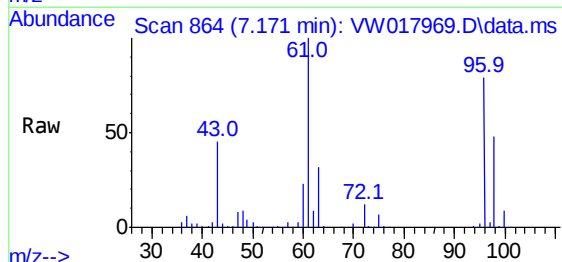
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

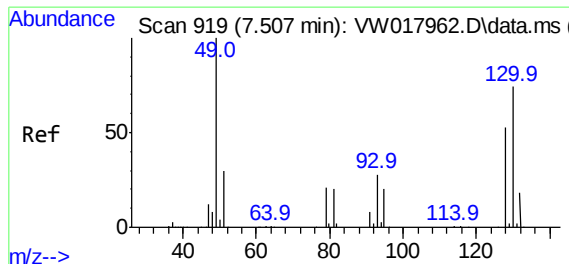
Tgt Ion: 43 Resp: 80078
Ion Ratio Lower Upper
43 100
72 29.2 14.4 43.2



#22
cis-1,2-Dichloroethene
Concen: 27.22 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 96 Resp: 142952
Ion Ratio Lower Upper
96 100
61 126.3 84.6 157.2
98 61.0 44.7 82.9

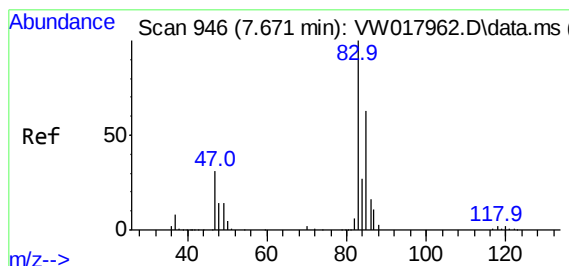
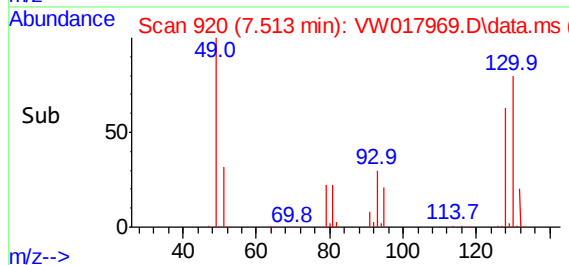
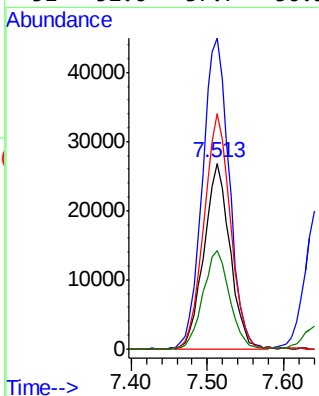
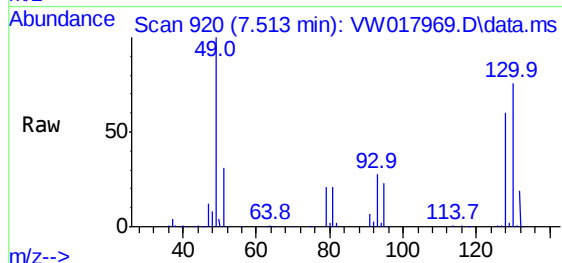




#23
Bromochloromethane
Concen: 26.48 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

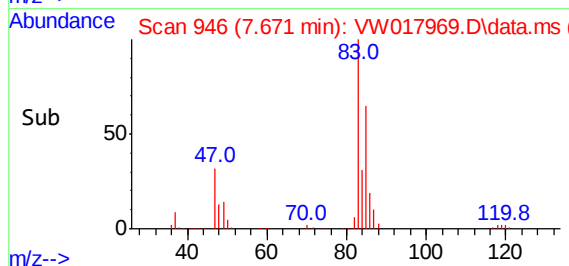
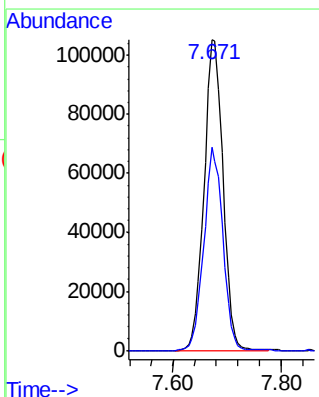
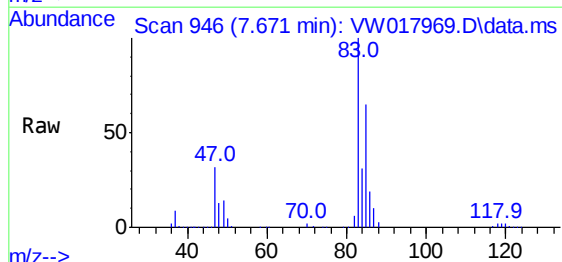
Instrument :
MSVOA_W
ClientSampled :
VSTD02528

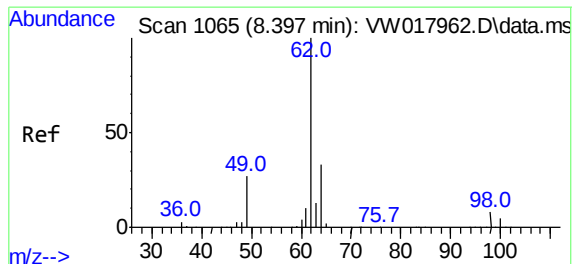
Tgt Ion:128 Resp: 63211
Ion Ratio Lower Upper
128 100
49 167.1 101.6 188.6
130 126.5 90.4 167.8
51 52.6 37.7 56.5



#25
Chloroform
Concen: 28.03 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 83 Resp: 253687
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9

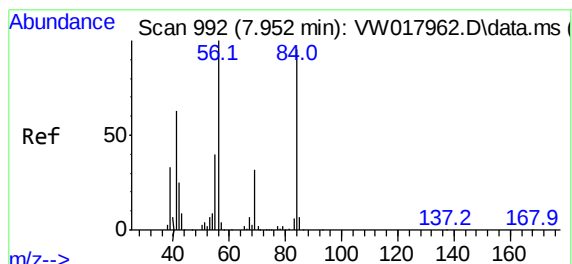
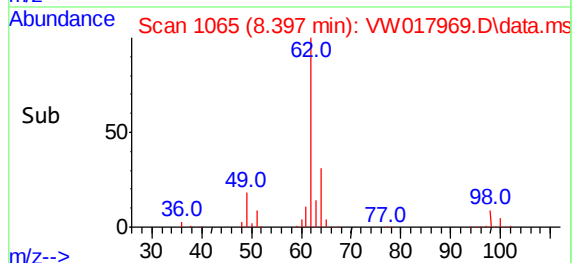
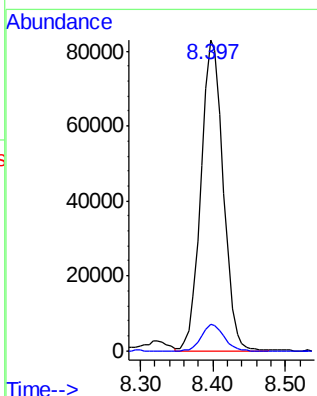
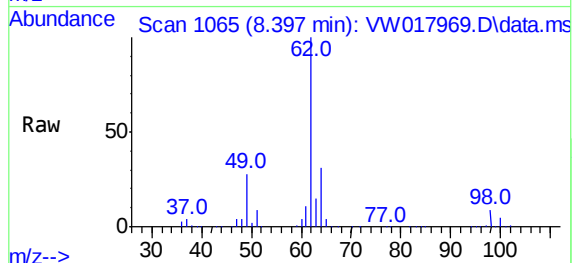




#27
1,2-Dichloroethane
Concen: 28.40 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

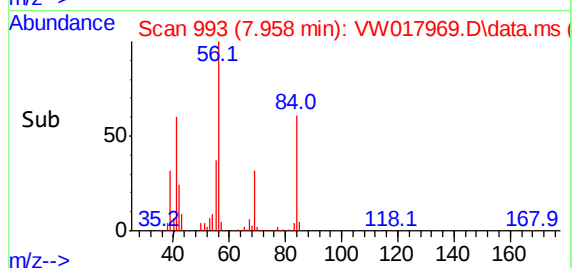
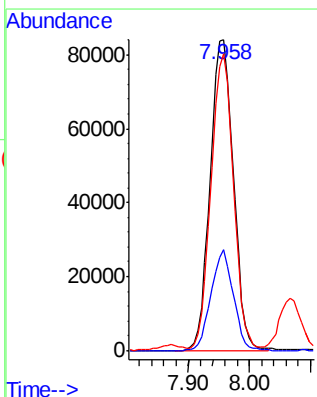
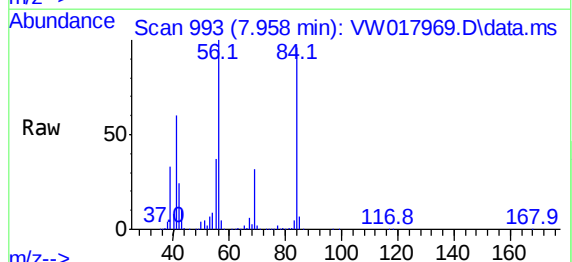
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

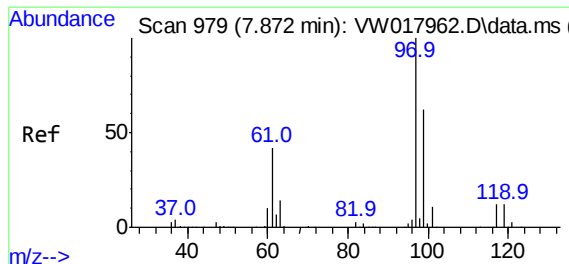
Tgt Ion: 62 Resp: 177305
Ion Ratio Lower Upper
62 100
98 8.6 8.0 12.0



#30
Cyclohexane
Concen: 26.43 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 56 Resp: 220419
Ion Ratio Lower Upper
56 100
69 30.7 24.8 37.2
84 92.3 74.2 111.4



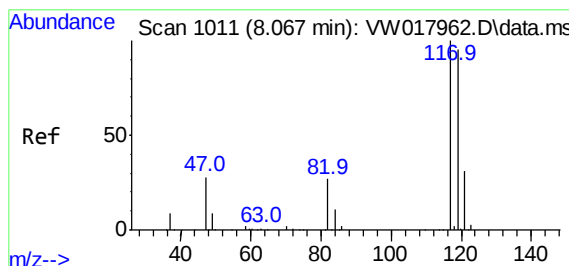
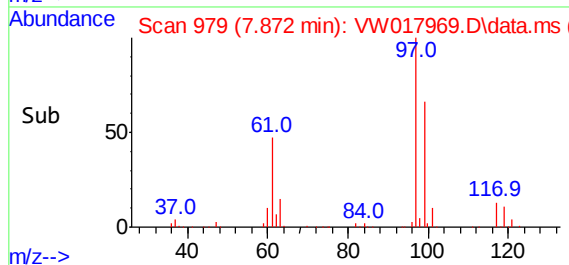
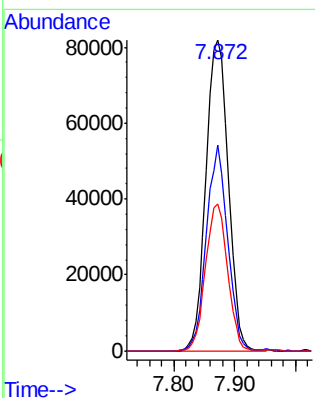
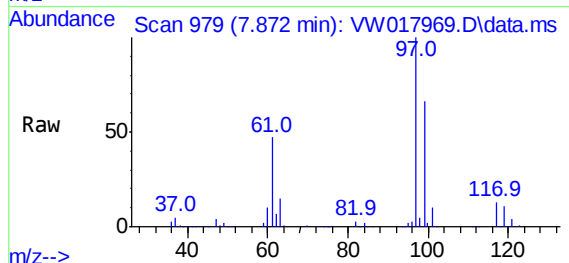


#31
 1,1,1-Trichloroethane
 Concen: 26.15 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. 0.000 min
 Lab File: VW017969.D
 Acq: 20 Jan 2021 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Tgt Ion: 97 Resp: 206757

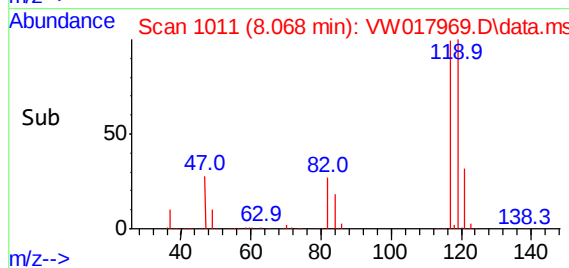
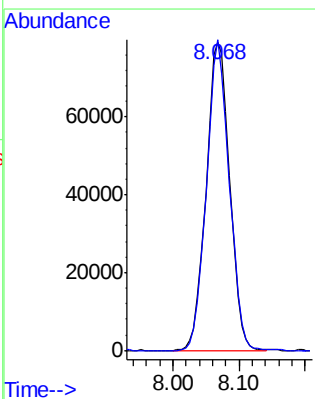
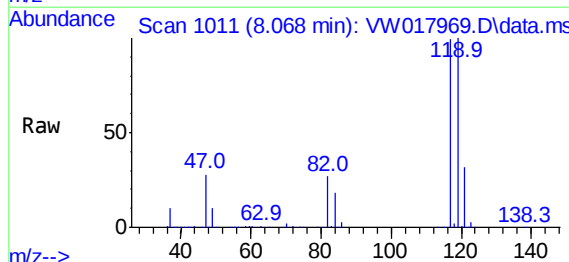
Ion	Ratio	Lower	Upper
97	100		
99	62.4	51.0	76.4
61	46.5	33.6	50.4

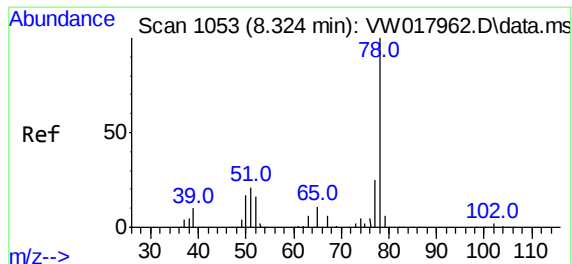


#32
 Carbon tetrachloride
 Concen: 26.00 ug/L
 RT: 8.068 min Scan# 1011
 Delta R.T. 0.000 min
 Lab File: VW017969.D
 Acq: 20 Jan 2021 15:14

Tgt Ion: 117 Resp: 196565

Ion	Ratio	Lower	Upper
117	100		
119	97.3	75.8	113.8

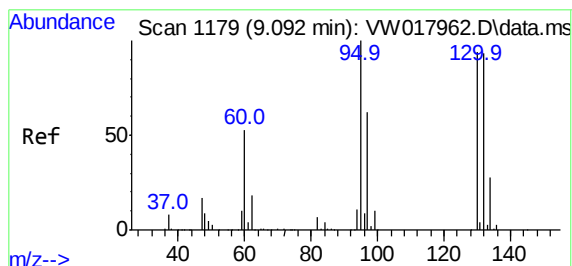
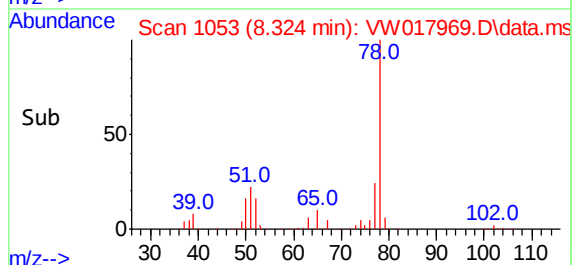
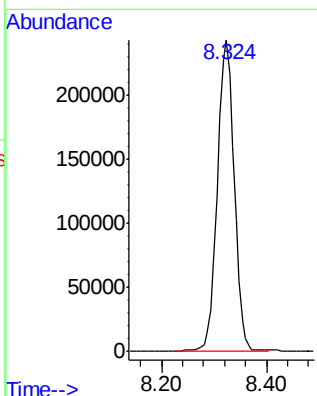
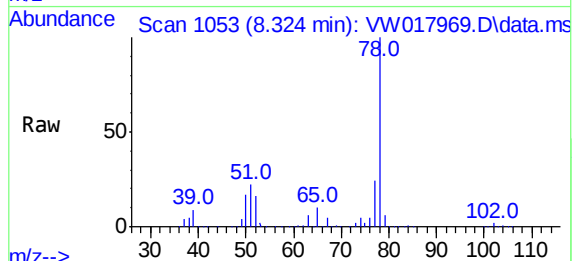




#34
Benzene
Concen: 26.95 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

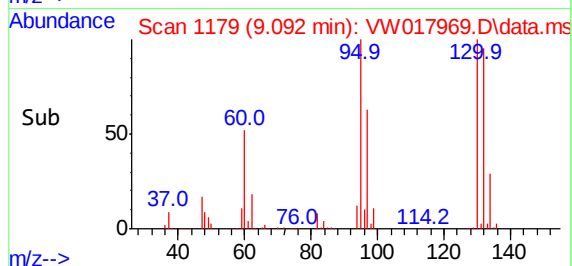
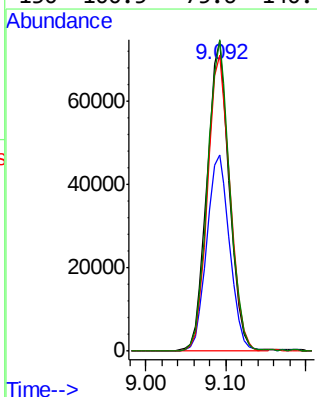
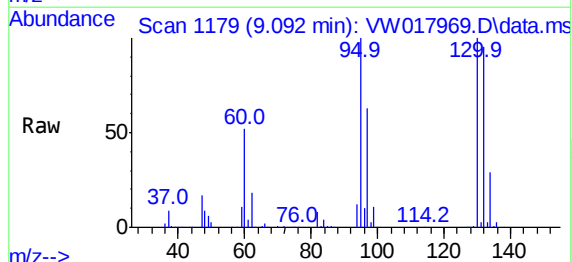
Tgt Ion: 78 Resp: 540749

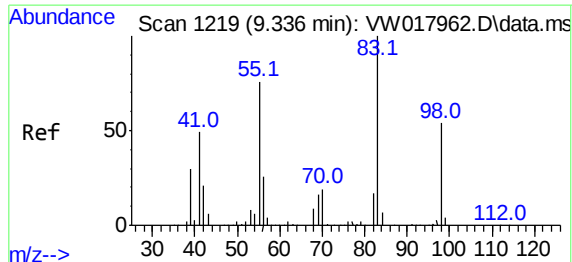


#35
Trichloroethene
Concen: 25.87 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 95 Resp: 142759

Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.0	83.6
132	96.2	71.0	131.8
130	100.5	75.6	140.4

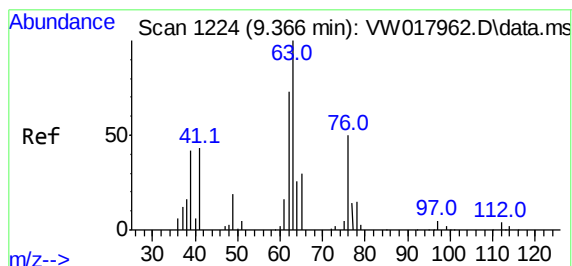
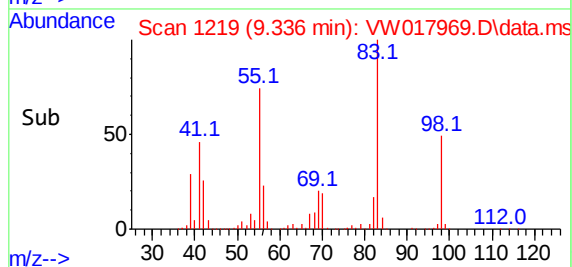
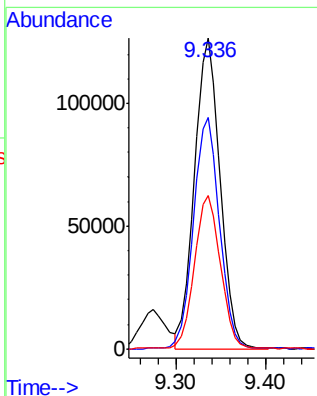
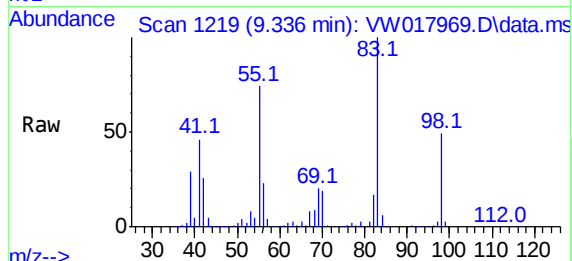




#36
Methylcyclohexane
Concen: 26.29 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

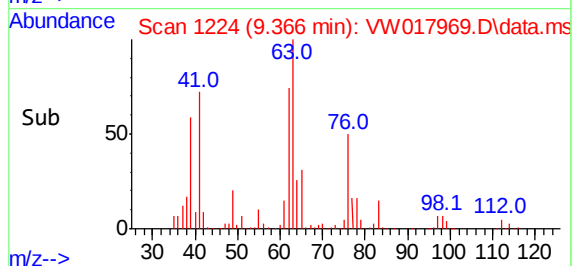
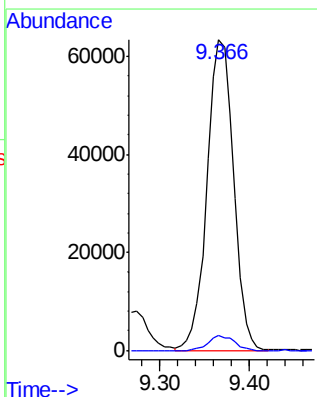
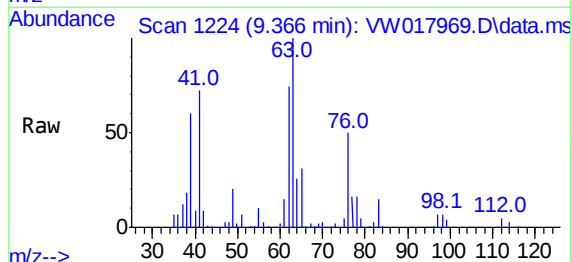
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

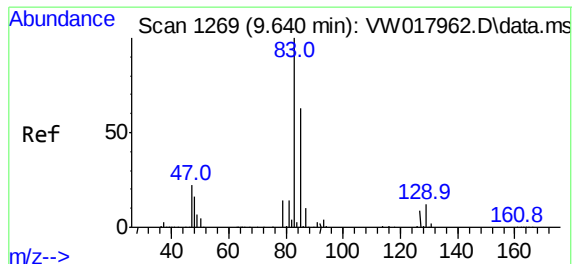
Tgt Ion: 83 Resp: 252547
Ion Ratio Lower Upper
83 100
55 75.4 59.4 89.0
98 50.0 40.7 61.1



#40
1,2-Dichloropropane
Concen: 27.08 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 63 Resp: 131465
Ion Ratio Lower Upper
63 100
112 4.6 4.2 6.4



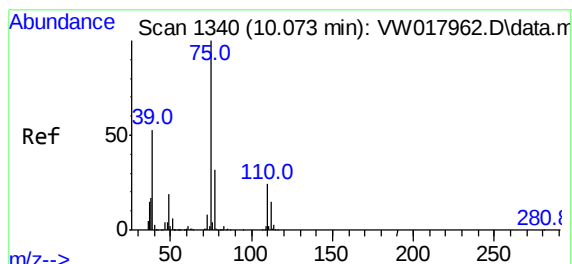
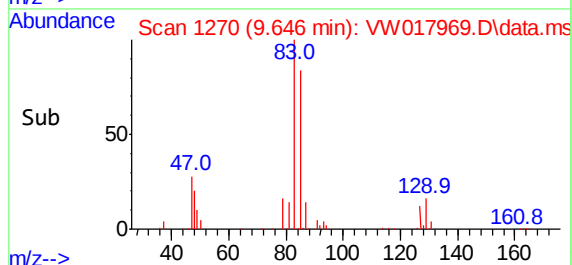
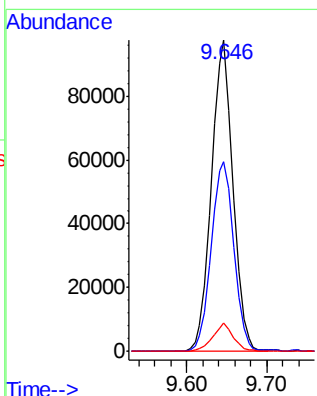
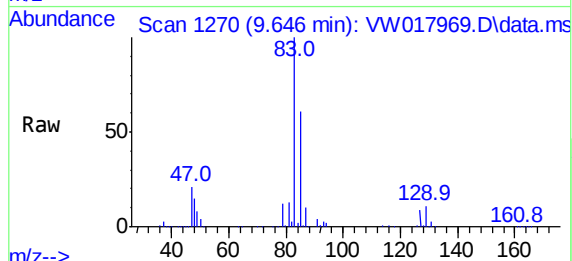


#41
Bromodichloromethane
Concen: 27.19 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

Tgt Ion: 83 Resp: 182132

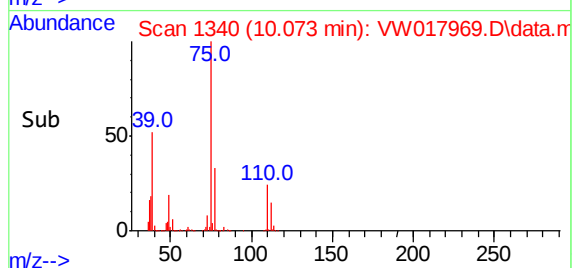
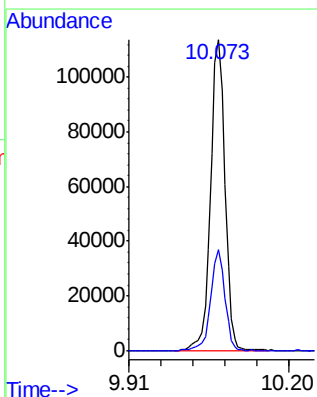
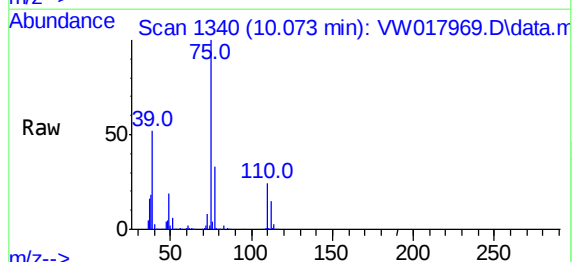
Ion	Ratio	Lower	Upper
83	100		
85	61.0	46.8	86.8
127	8.8	7.6	11.4

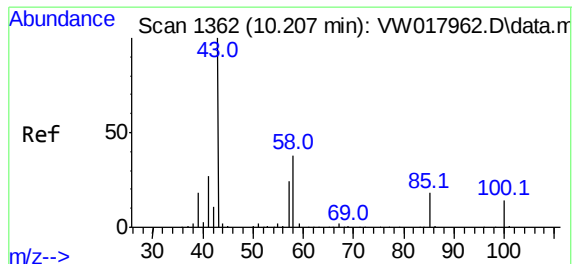


#42
cis-1,3-Dichloropropene
Concen: 26.96 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 75 Resp: 208010

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.7	42.3

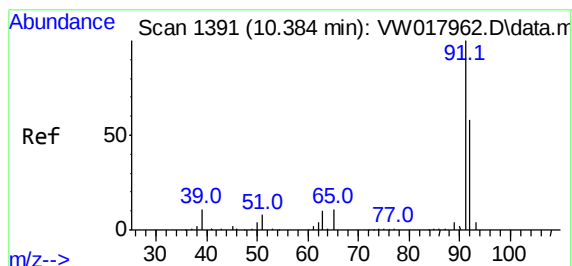
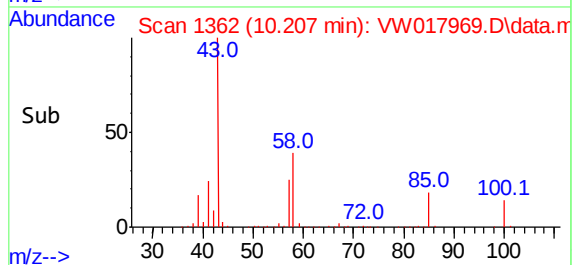
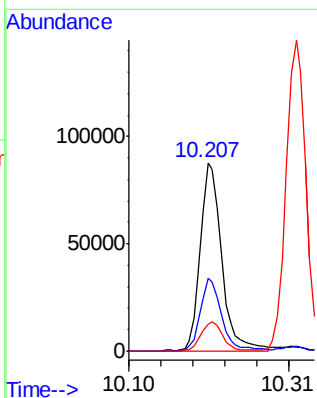
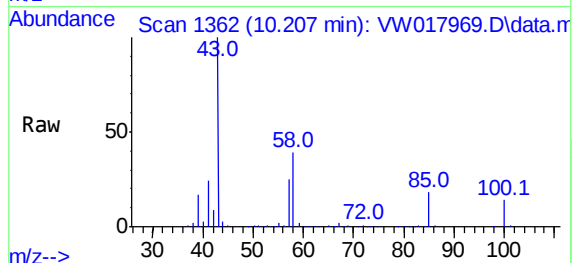




#43
4-Methyl-2-pentanone
Concen: 51.95 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

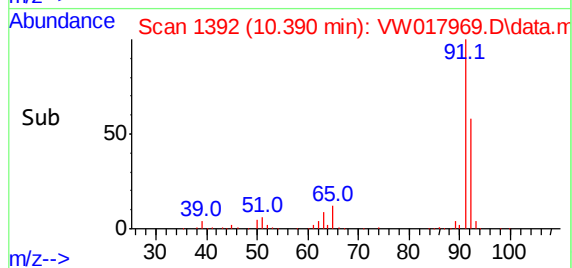
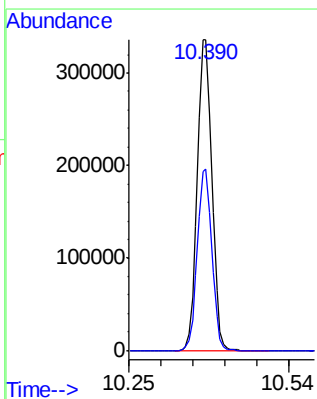
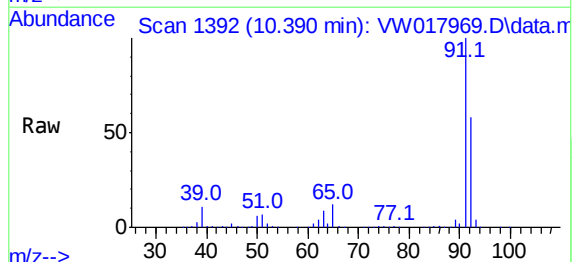
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

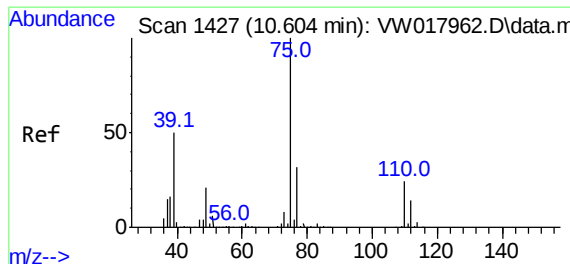
Tgt Ion: 43 Resp: 169535
Ion Ratio Lower Upper
43 100
58 37.1 31.6 47.4
100 15.7 14.1 21.1



#44
Toluene
Concen: 27.01 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 91 Resp: 598973
Ion Ratio Lower Upper
91 100
92 58.5 41.6 77.3

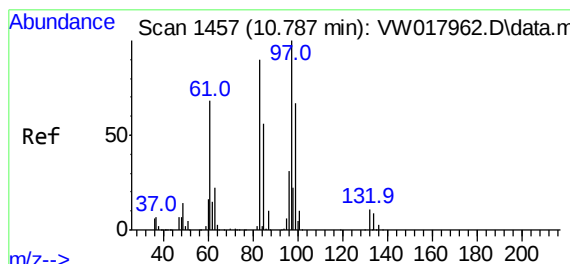
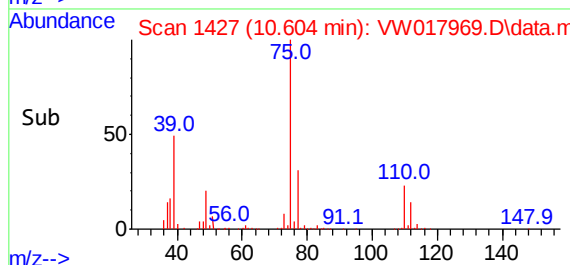
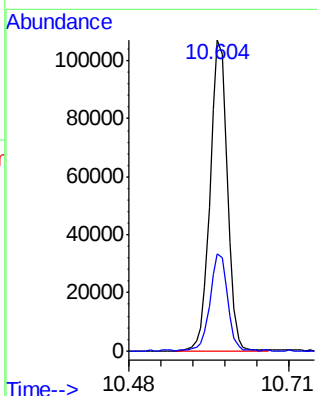
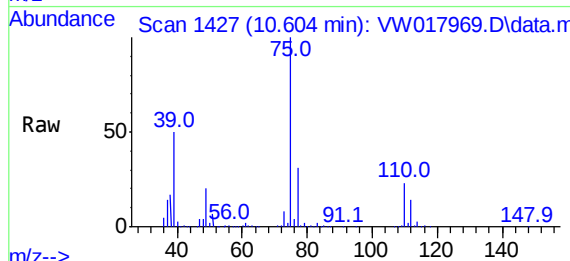




#45
trans-1,3-Dichloropropene
Concen: 27.48 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

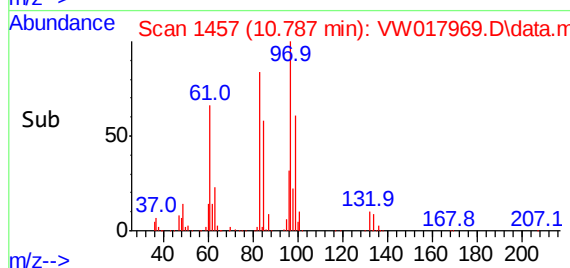
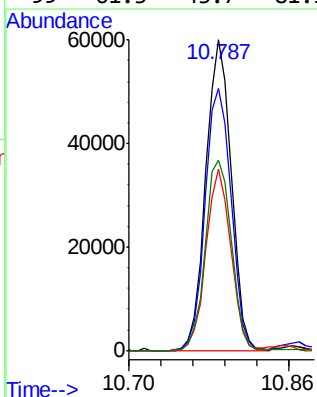
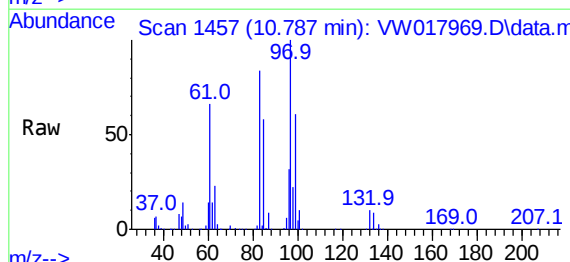
Instrument :
MSVOA_W
ClientSampled :
VSTD02528

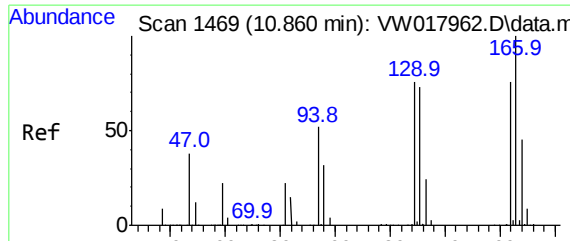
Tgt Ion: 75 Resp: 185187
Ion Ratio Lower Upper
75 100
77 31.3 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 26.49 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 97 Resp: 103536
Ion Ratio Lower Upper
97 100
83 84.2 58.5 108.7
85 58.3 37.8 70.2
99 61.3 43.7 81.1

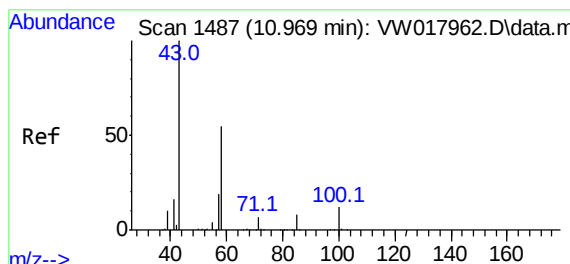
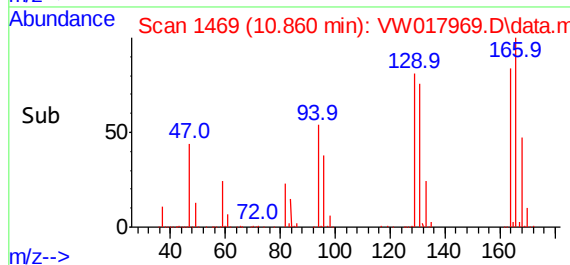
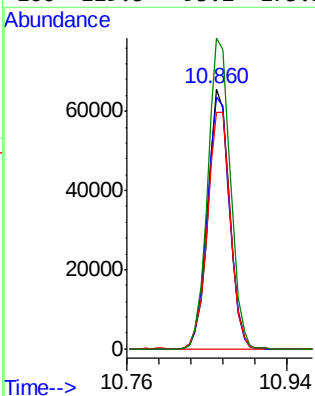
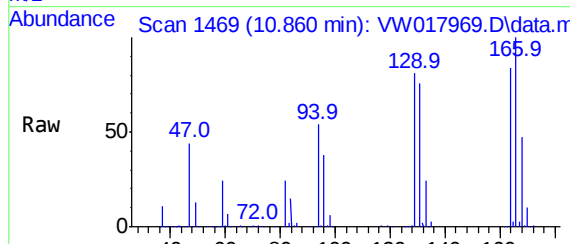




#47
Tetrachloroethene
Concen: 25.17 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

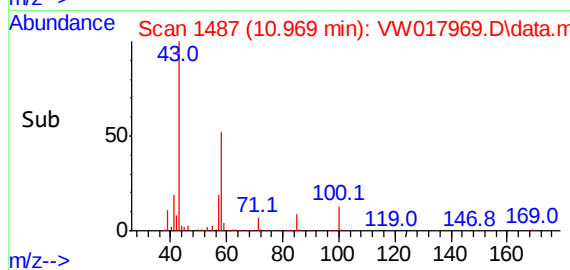
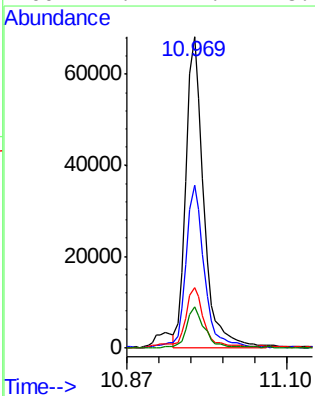
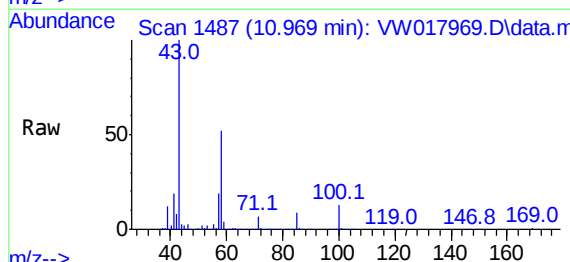
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

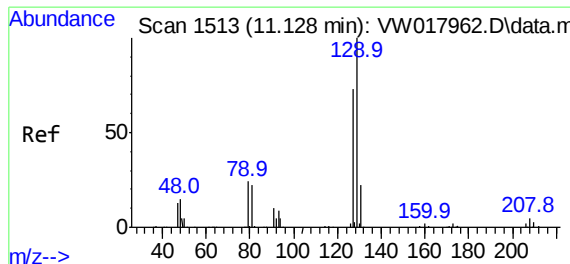
Tgt Ion:164 Resp: 109280
Ion Ratio Lower Upper
164 100
129 97.0 67.6 125.6
131 90.8 65.2 121.2
166 119.5 93.2 173.2



#49
2-Hexanone
Concen: 54.32 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 43 Resp: 121062
Ion Ratio Lower Upper
43 100
58 53.3 51.3 76.9
57 18.3 15.0 22.6
100 12.9 12.2 18.2

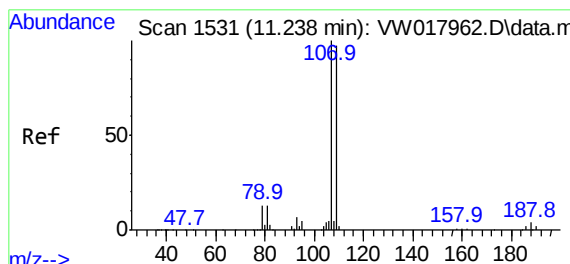
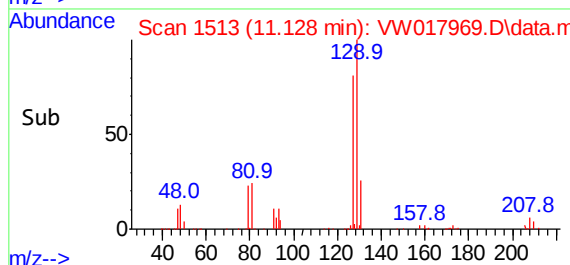
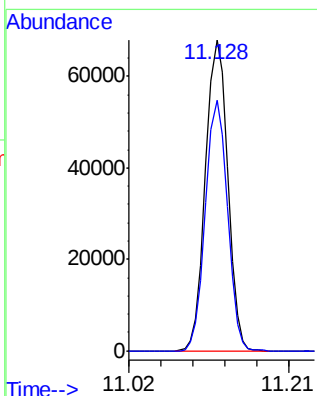
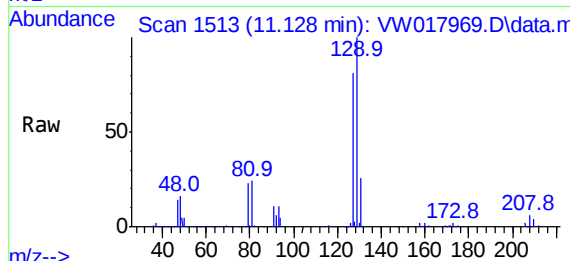




#50
Dibromochloromethane
Concen: 25.74 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

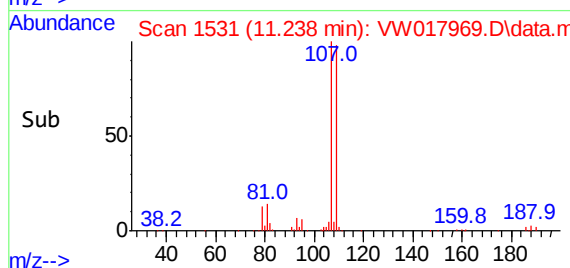
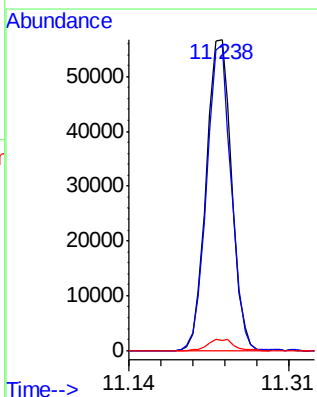
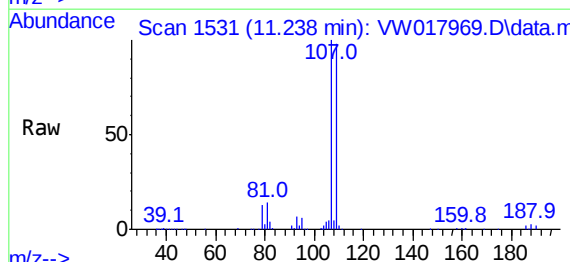
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

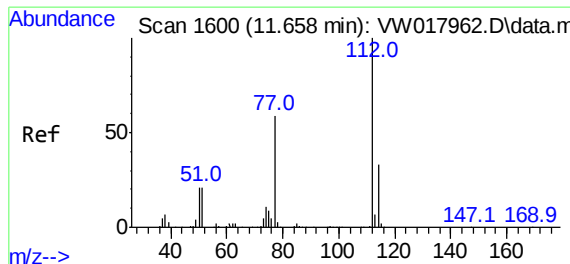
Tgt Ion:129 Resp: 120106
Ion Ratio Lower Upper
129 100
127 80.8 53.2 98.8



#51
1,2-Dibromoethane
Concen: 26.22 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion:107 Resp: 103028
Ion Ratio Lower Upper
107 100
109 98.3 66.4 123.2
188 3.3 4.0 6.0#

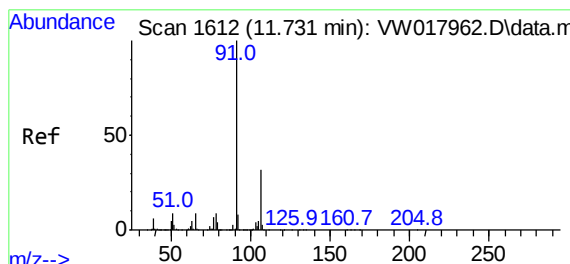
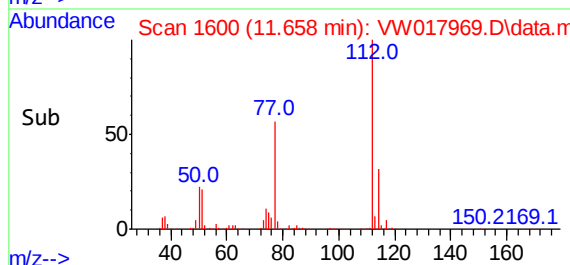
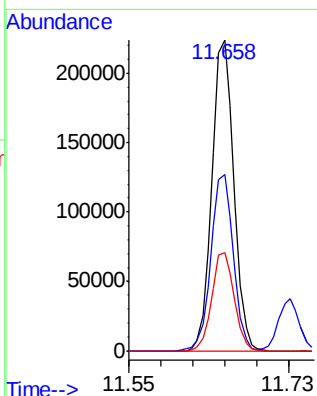
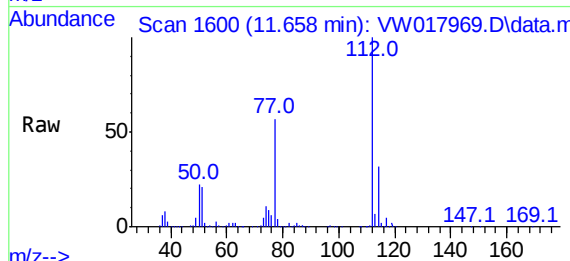




#52
Chlorobenzene
Concen: 26.57 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

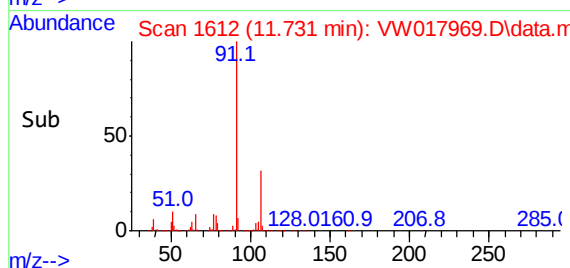
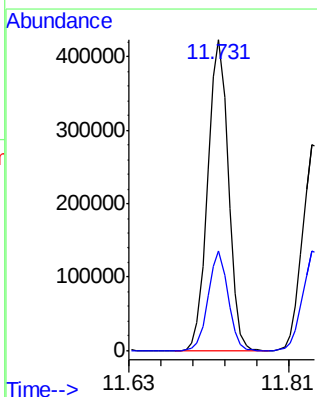
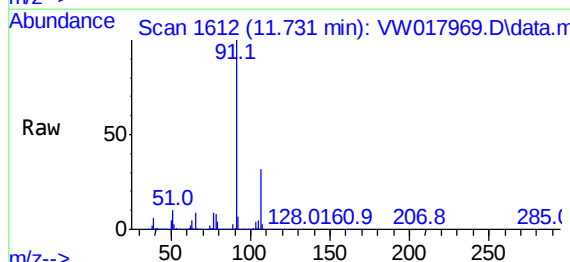
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

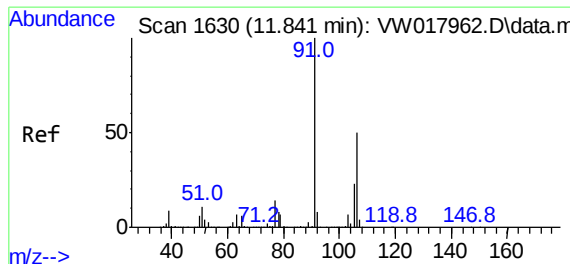
Tgt Ion:112 Resp: 379872
Ion Ratio Lower Upper
112 100
77 56.6 42.6 64.0
114 31.7 21.6 40.2



#53
Ethylbenzene
Concen: 27.09 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 91 Resp: 678413
Ion Ratio Lower Upper
91 100
106 32.1 21.1 39.1





#54

m,p-Xylene

Concen: 26.46 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW017969.D

Acq: 20 Jan 2021 15:14

Tgt Ion:106 Resp: 256428

Ion Ratio Lower Upper

106 100

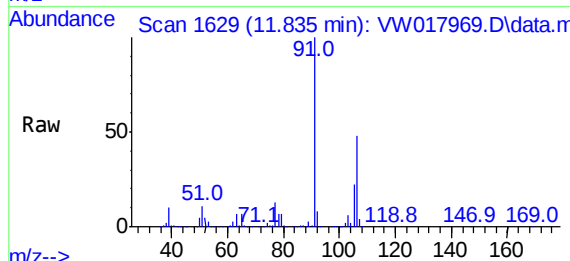
91 206.5 136.4 253.4

Instrument :

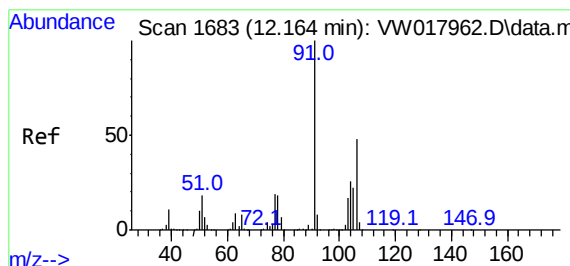
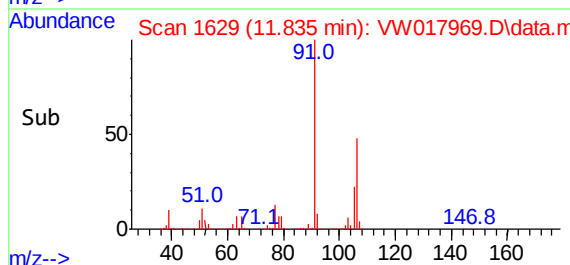
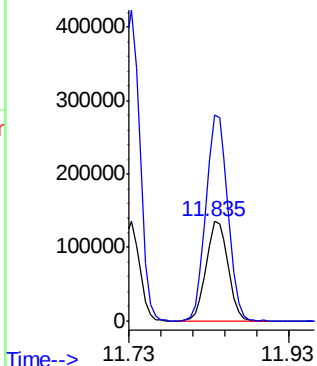
MSVOA_W

ClientSampleId :

VSTD02528



Abundance



#55

o-xylene

Concen: 27.02 ug/L

RT: 12.164 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VW017969.D

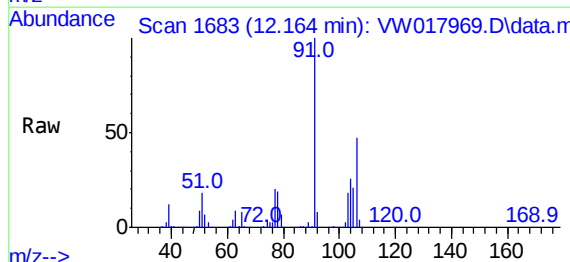
Acq: 20 Jan 2021 15:14

Tgt Ion:106 Resp: 242645

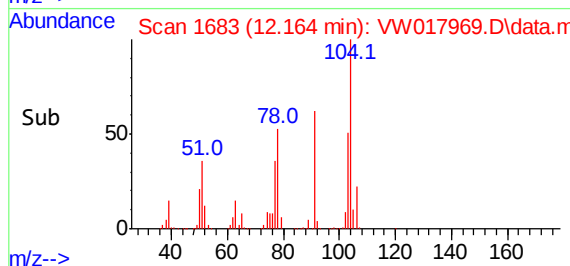
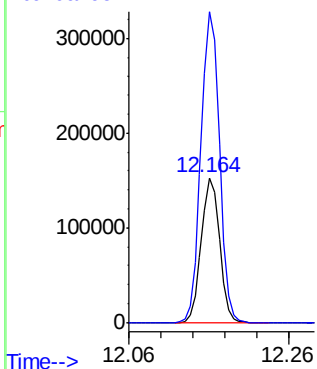
Ion Ratio Lower Upper

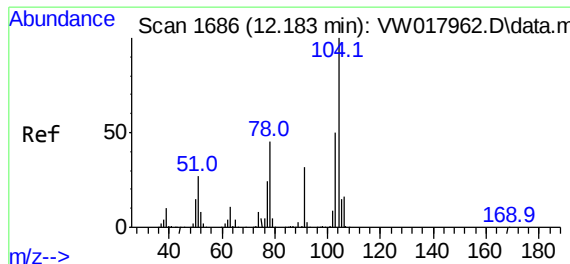
106 100

91 214.5 147.6 274.2



Abundance

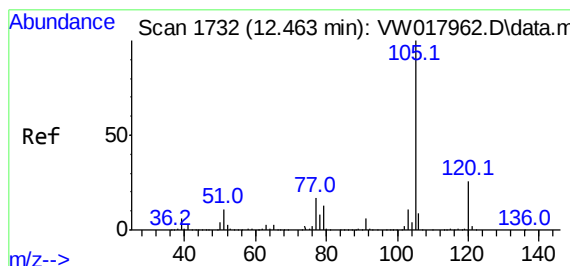
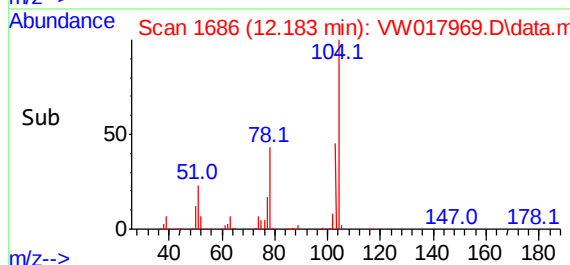
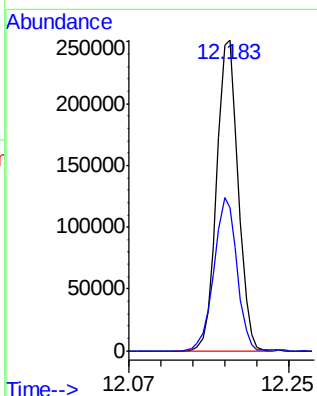
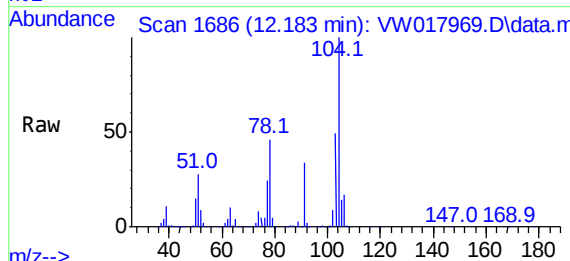




#56
Styrene
Concen: 27.51 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

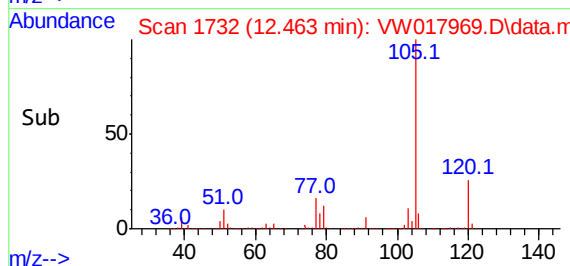
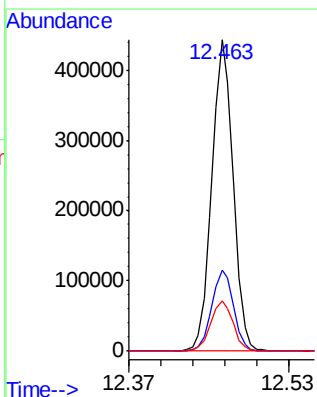
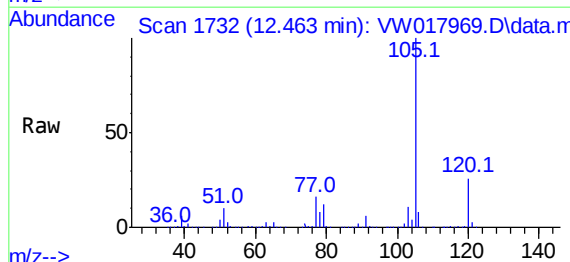
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

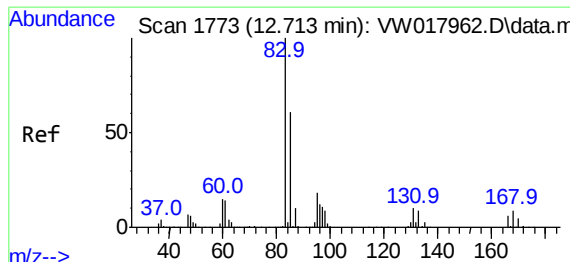
Tgt Ion:104 Resp: 418607
Ion Ratio Lower Upper
104 100
78 46.1 31.3 58.1



#57
Isopropylbenzene
Concen: 27.09 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion:105 Resp: 676265
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 16.4 12.1 18.1

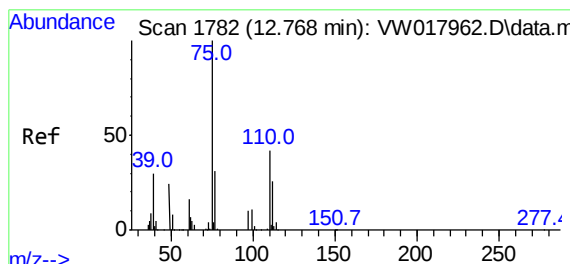
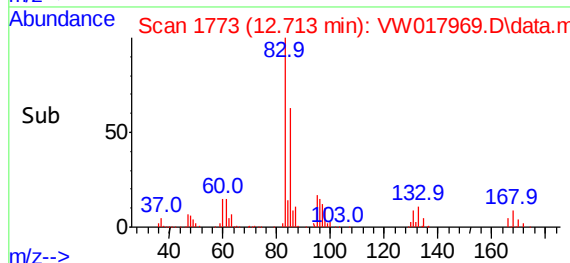
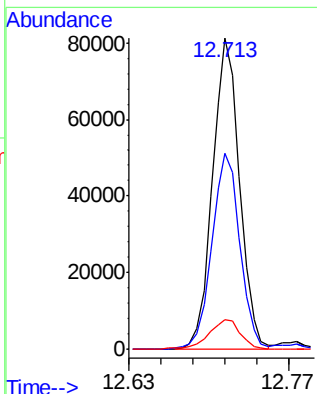
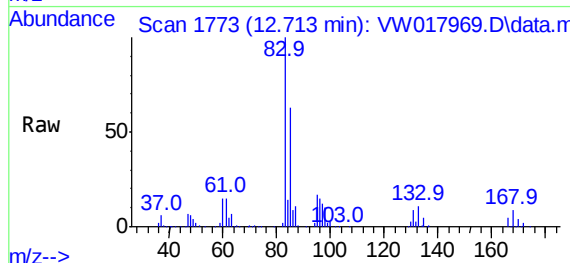




#58
1,1,2,2-Tetrachloroethane
Concen: 27.05 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

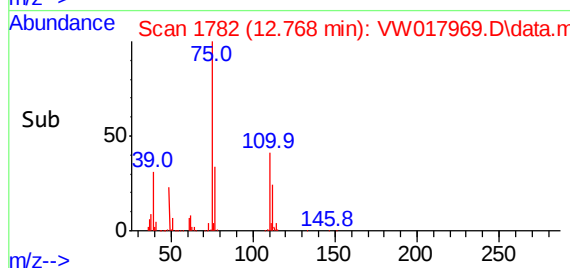
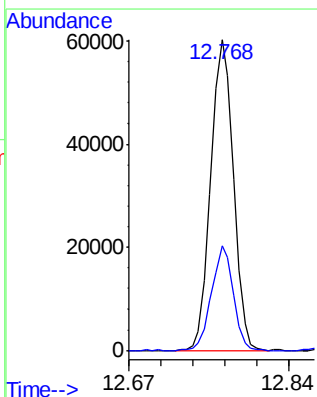
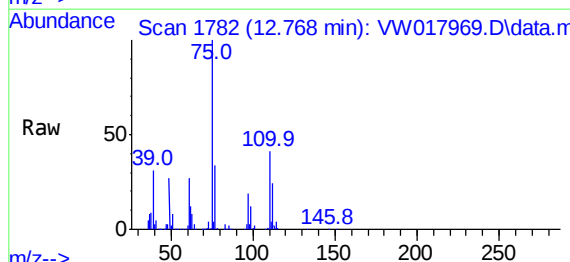
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

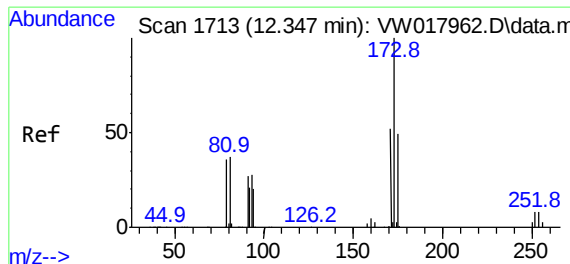
Tgt Ion: 83 Resp: 130488
Ion Ratio Lower Upper
83 100
85 62.9 45.3 84.1
131 9.4 8.3 12.5



#59
1,2,3-Trichloropropane
Concen: 26.91 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 75 Resp: 98123
Ion Ratio Lower Upper
75 100
77 32.3 26.6 39.8

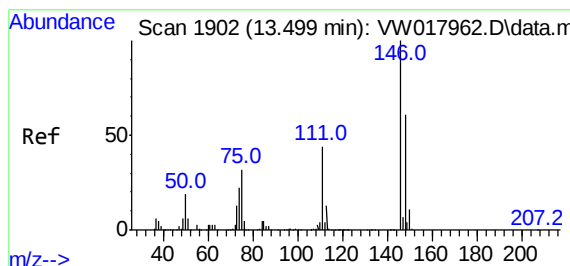
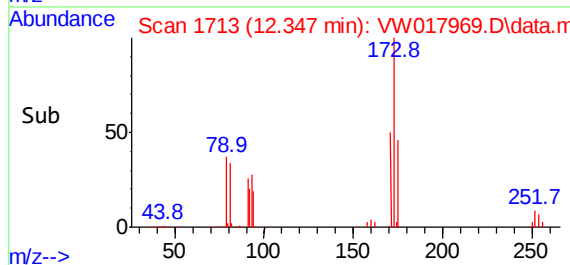
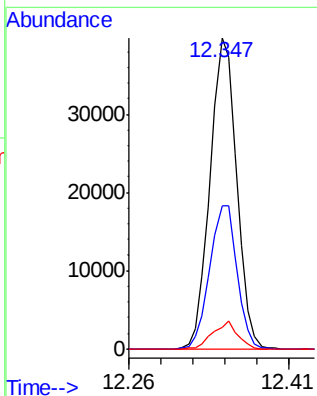
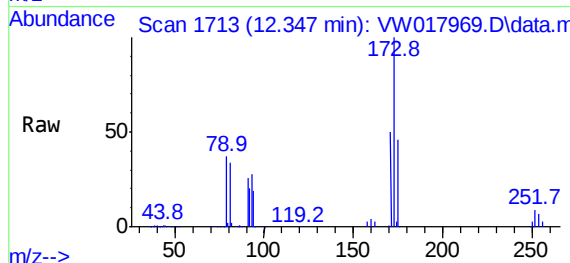




#62
Bromoform
Concen: 27.30 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

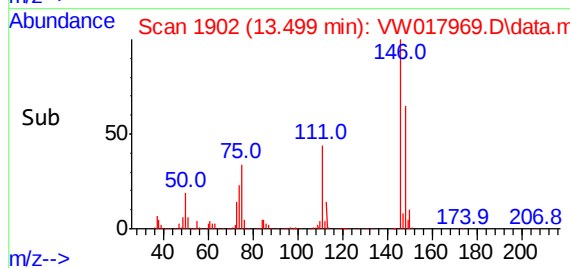
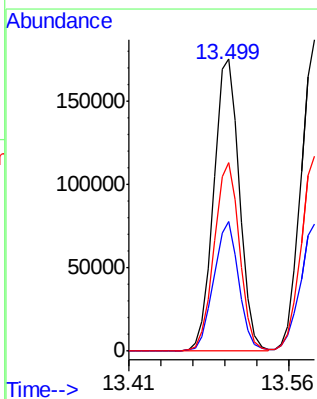
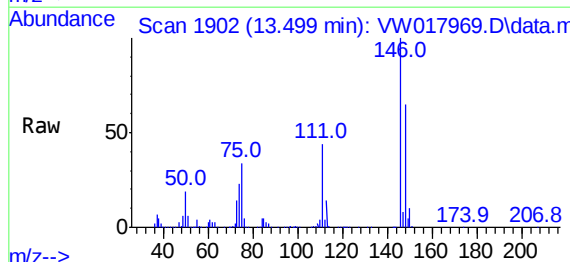
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

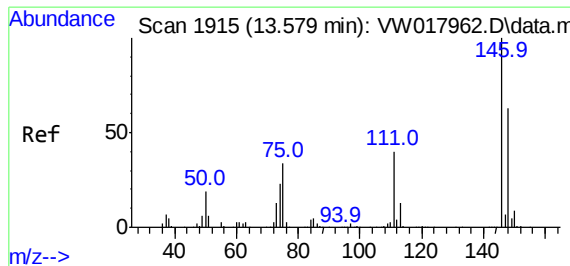
Tgt Ion:173 Resp: 67370
Ion Ratio Lower Upper
173 100
175 47.4 39.1 58.7
254 8.2 7.1 10.7



#63
1,3-Dichlorobenzene
Concen: 26.35 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion:146 Resp: 285445
Ion Ratio Lower Upper
146 100
111 44.3 28.5 52.9
148 64.5 47.8 88.8

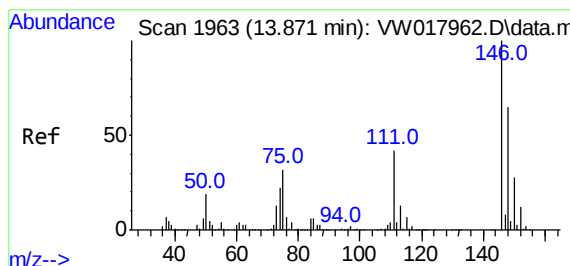
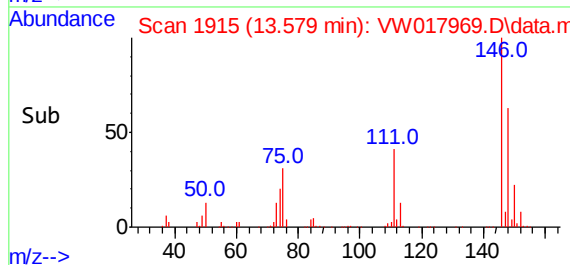
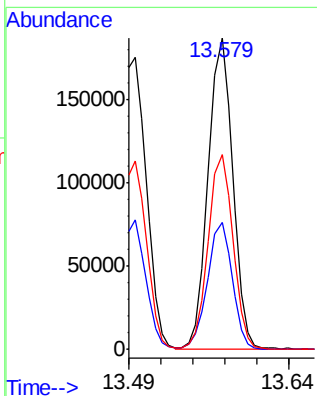
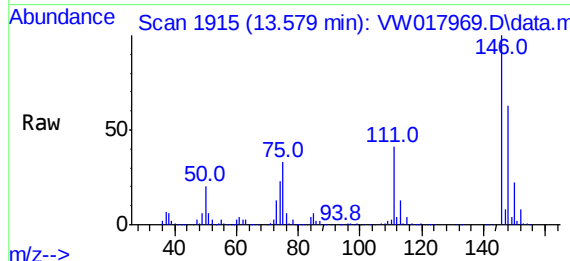




#64
1,4-Dichlorobenzene
Concen: 26.94 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

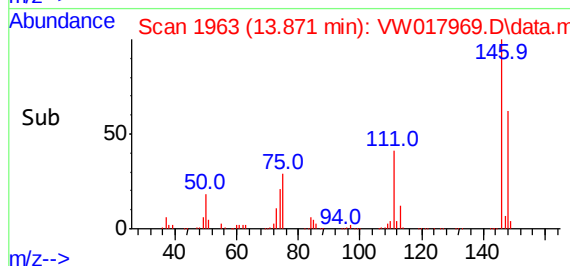
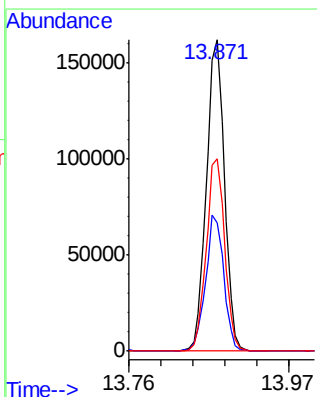
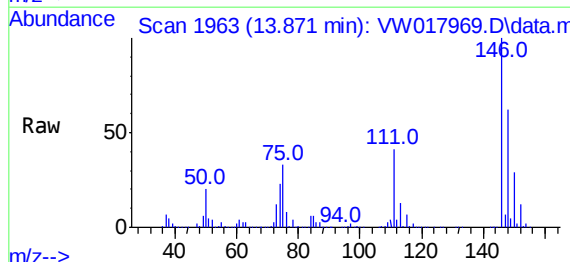
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

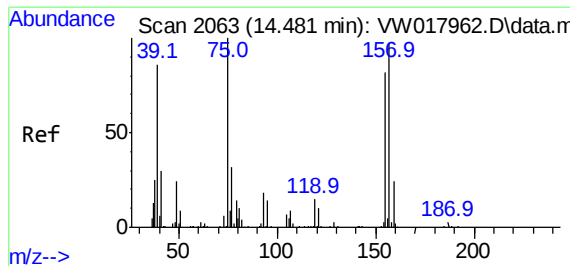
Tgt Ion:146 Resp: 293254
Ion Ratio Lower Upper
146 100
111 40.6 27.7 51.5
148 62.6 47.0 87.2



#65
1,2-Dichlorobenzene
Concen: 27.03 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion:146 Resp: 263681
Ion Ratio Lower Upper
146 100
111 40.9 31.7 47.5
148 61.9 49.3 73.9

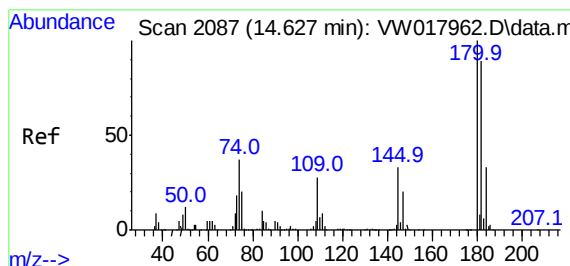
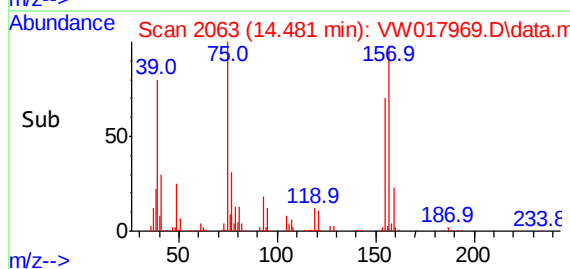
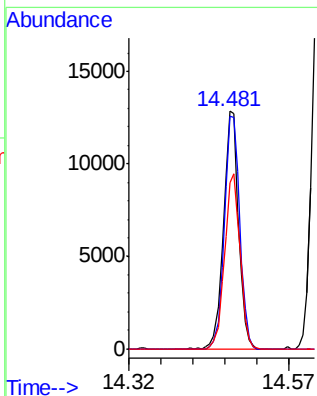
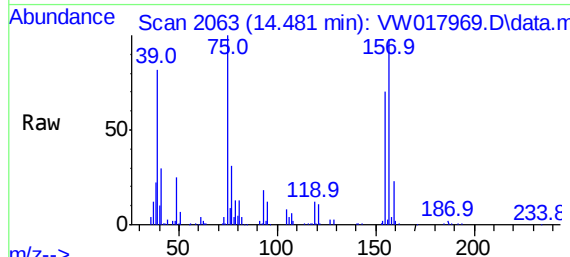




#66
1,2-Dibromo-3-chloropropane
Concen: 25.67 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

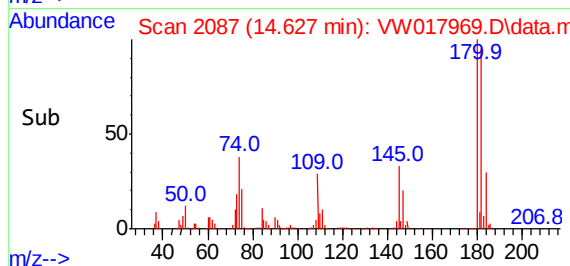
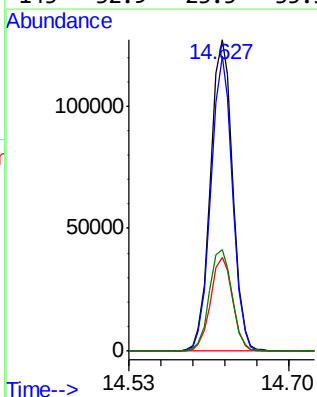
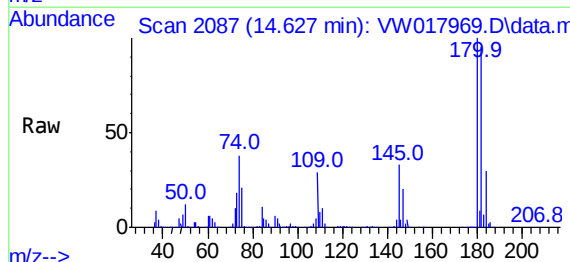
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

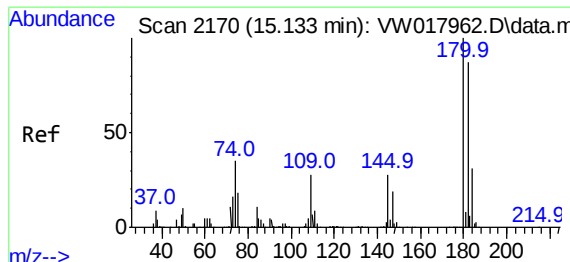
Tgt Ion: 75 Resp: 20982
Ion Ratio Lower Upper
75 100
157 98.0 99.9 149.9#
155 70.1 71.4 107.0#



#67
1,3,5-Trichlorobenzene
Concen: 26.70 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion: 180 Resp: 202130
Ion Ratio Lower Upper
180 100
182 92.2 77.0 115.6
184 29.3 24.2 36.4
145 32.9 23.5 35.3

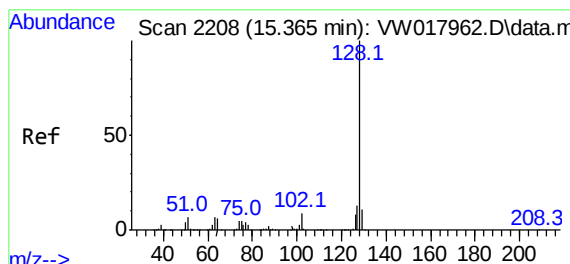
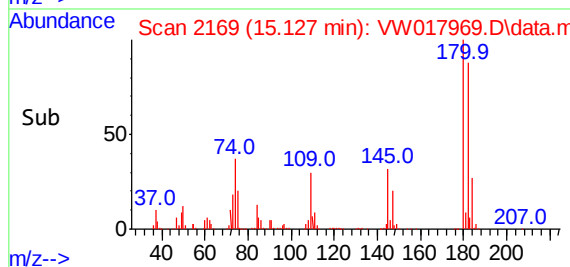
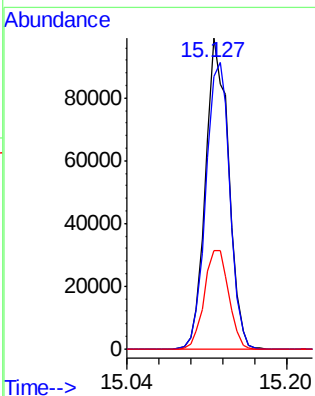
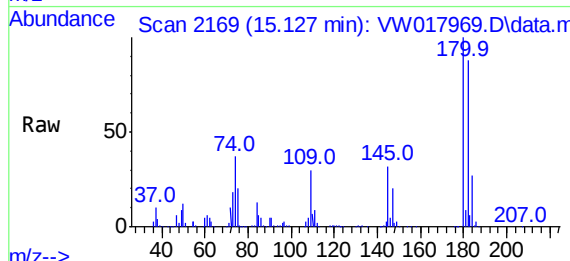




#68
1,2,4-trichlorobenzene
Concen: 25.33 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

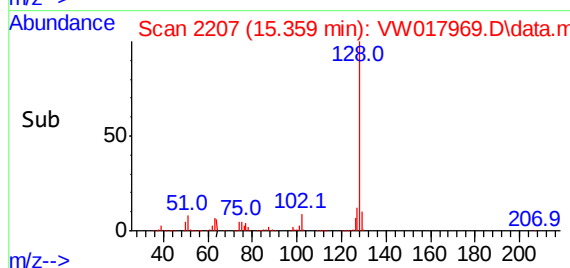
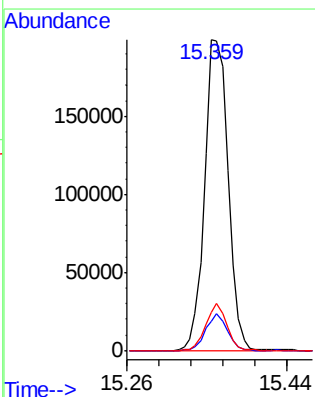
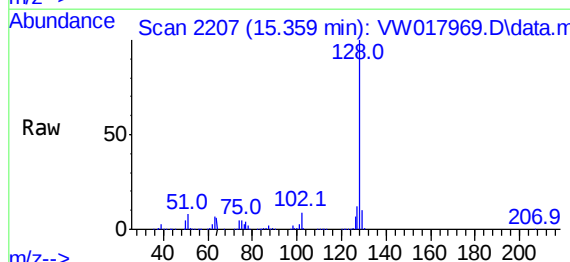
Instrument :
MSVOA_W
ClientSampleId :
VSTD02528

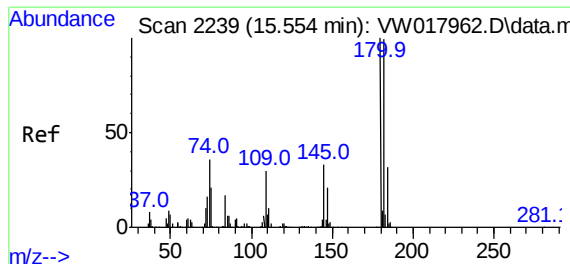
Tgt Ion:180 Resp: 163644
Ion Ratio Lower Upper
180 100
182 95.3 71.3 106.9
145 33.5 24.0 36.0



#69
Naphthalene
Concen: 26.30 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW017969.D
Acq: 20 Jan 2021 15:14

Tgt Ion:128 Resp: 363612
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.6 10.7 16.1





#70
 1,2,3-Trichlorobenzene
 Concen: 25.53 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: VW017969.D
 Acq: 20 Jan 2021 15:14

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02528

Tgt Ion:180 Resp: 143791

Ion	Ratio	Lower	Upper
180	100		
182	93.5	74.7	112.1
145	35.2	25.4	38.0

