

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011921\
 Data File : VW017960.D
 Acq On : 19 Jan 2021 16:21
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 20 04:58:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM011821S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 20 04:48:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	380915	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	351558	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	178855	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137692	23.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.12%
7) Chloroethane-d5	2.885	69	118887	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.32%
10) 1,1-Dichloroethene-d2	4.025	63	251666	23.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.20%
20) 2-Butanone-d5	7.080	46	66956	46.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.62%
24) Chloroform-d	7.647	84	254315	24.47	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.88%
26) 1,2-Dichloroethane-d4	8.305	65	142249	24.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.76%
29) Benzene-d6	8.275	84	475035	23.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.44%
33) 1,2-Dichloropropane-d6	9.274	67	138433	24.18	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.72%
37) Toluene-d8	10.323	98	451361	23.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.56%
38) trans-1,3-Dichloroprop...	10.579	79	60659	23.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.80%
39) 2-Hexanone-d5	10.927	63	47342	46.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.24%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	121915	23.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	151035	24.27	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.08%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	110242	23.91	ug/L	95
3) Chloromethane	2.215	50	106497	25.54	ug/L	99
5) Vinyl chloride	2.361	62	172053	27.06	ug/L	95
6) Bromomethane	2.776	94	122090	23.91	ug/L	100
8) Chloroethane	2.928	64	105964	26.83	ug/L	98
9) Trichlorofluoromethane	3.263	101	126363	26.22	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	134826	25.43	ug/L #	70
12) 1,1-Dichloroethene	4.044	96	128613	25.73	ug/L	90
13) Acetone	4.123	43	50027	49.13	ug/L	94
14) Carbon disulfide	4.385	76	395214	25.54	ug/L	99
15) Methyl Acetate	4.672	43	57124	23.05	ug/L	98
16) Methylene chloride	4.922	84	134218	24.32	ug/L	95
17) Methyl tert-butyl Ether	5.428	73	168623	25.06	ug/L #	88
18) trans-1,2-Dichloroethene	5.428	96	135318	25.02	ug/L	93
19) 1,1-Dichloroethane	6.214	63	235494	25.71	ug/L	100
21) 2-Butanone	7.171	43	75898	47.98	ug/L	98
22) cis-1,2-Dichloroethene	7.171	96	141190	24.92	ug/L	95
23) Bromochloromethane	7.513	128	63604	24.70	ug/L	90
25) Chloroform	7.677	83	249856	25.59	ug/L	99

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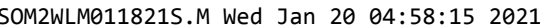
Instrument :
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 ClientSampleId :

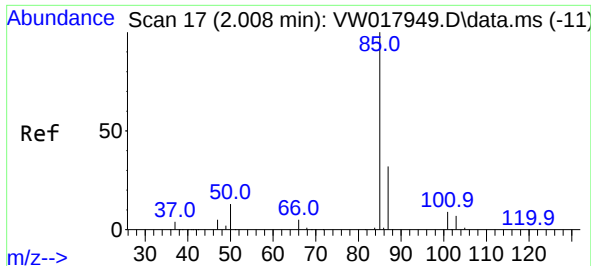
Quant Time: Jan 20 04:58:06 2021
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 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	175584	26.08	ug/L #	94
30) Cyclohexane	7.958	56	224479	25.99	ug/L	100
31) 1,1,1-Trichloroethane	7.872	97	209499	25.57	ug/L	97
32) Carbon tetrachloride	8.067	117	201471	25.72	ug/L	99
34) Benzene	8.323	78	540602	26.01	ug/L	100
35) Trichloroethene	9.092	95	146323	25.60	ug/L	95
36) Methylcyclohexane	9.335	83	259046	26.03	ug/L	100
40) 1,2-Dichloropropane	9.366	63	131495	26.14	ug/L	98
41) Bromodichloromethane	9.646	83	179992	25.94	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	208321	26.07	ug/L	99
43) 4-Methyl-2-pentanone	10.213	43	163168	48.27	ug/L	98
44) Toluene	10.390	91	606786	26.41	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	181889	26.05	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	103053	25.45	ug/L	97
47) Tetrachloroethene	10.860	164	110345	24.54	ug/L	93
49) 2-Hexanone	10.969	43	117527	50.90	ug/L	88
50) Dibromochloromethane	11.128	129	120575	24.94	ug/L	97
51) 1,2-Dibromoethane	11.238	107	98801	24.27	ug/L #	97
52) Chlorobenzene	11.658	112	378002	25.53	ug/L	96
53) Ethylbenzene	11.731	91	682262	26.30	ug/L	99
54) m,p-Xylene	11.841	106	261508	26.05	ug/L	91
55) o-xylene	12.164	106	245840	26.43	ug/L	98
56) Styrene	12.182	104	420185	26.65	ug/L	100
57) Isopropylbenzene	12.463	105	677386	26.19	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	124926	25.00	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	92927	24.60	ug/L	99
62) Bromoform	12.347	173	64098	25.13	ug/L	99
63) 1,3-Dichlorobenzene	13.499	146	293338	26.20	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	281322	24.99	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	259100	25.69	ug/L	93
66) 1,2-Dibromo-3-chloropr...	14.481	75	20430	24.17	ug/L #	78
67) 1,3,5-Trichlorobenzene	14.627	180	200101	25.57	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	167105	25.02	ug/L	92
69) Naphthalene	15.365	128	361019	25.26	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	147702	25.36	ug/L	99

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

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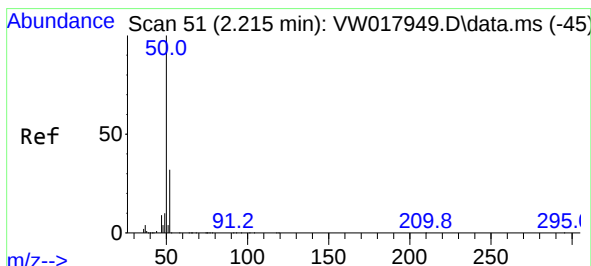
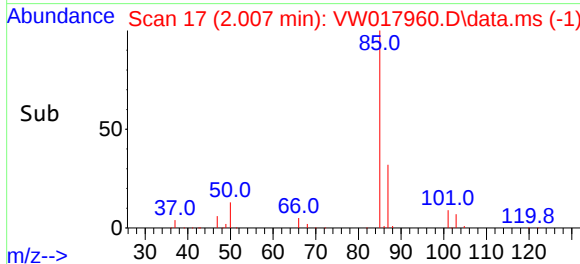
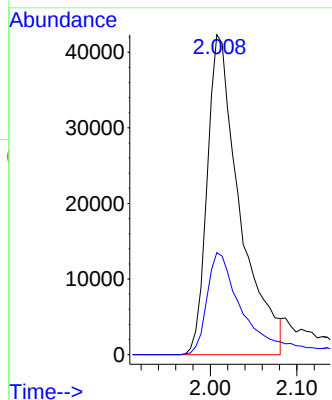
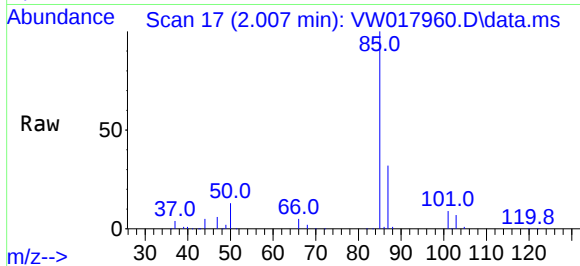




#2
Dichlorodifluoromethane
Concen: 23.91 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

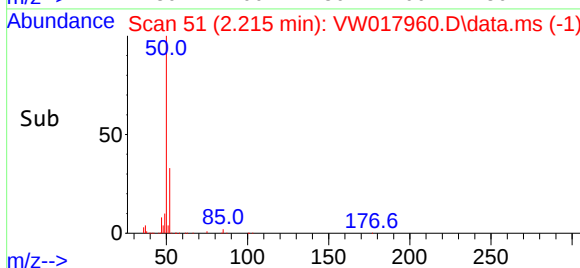
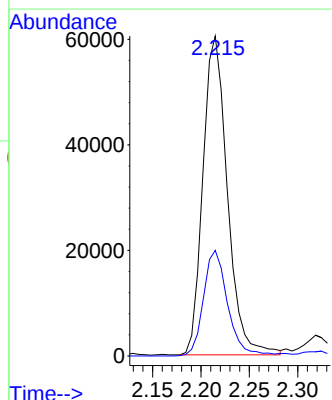
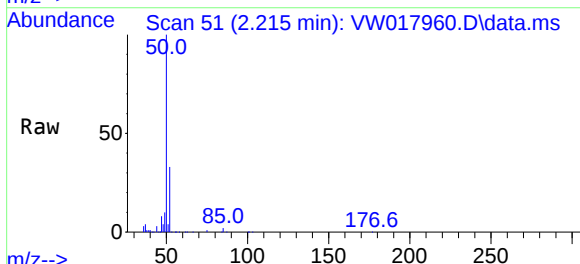
Instrument :
MSVOA_W
ClientSampled :

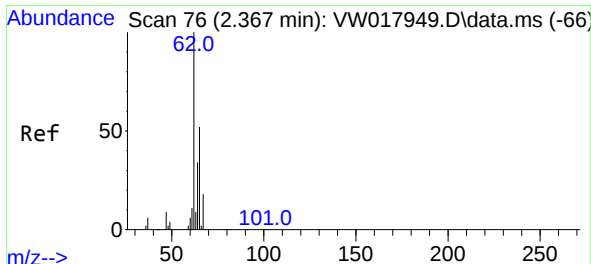
Tgt Ion: 85 Resp: 110242
Ion Ratio Lower Upper
85 100
87 35.8 23.2 43.0



#3
Chloromethane
Concen: 25.54 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 50 Resp: 106497
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

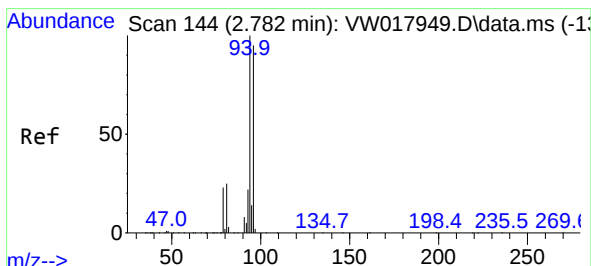
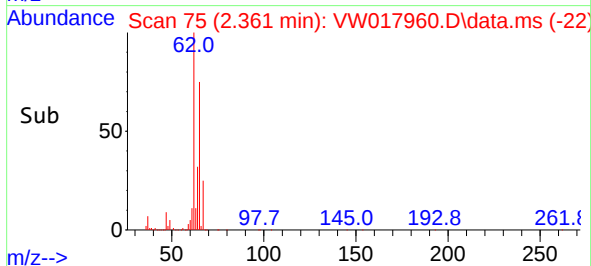
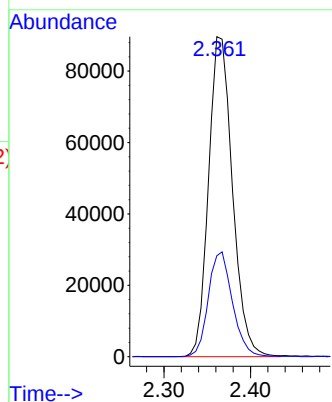
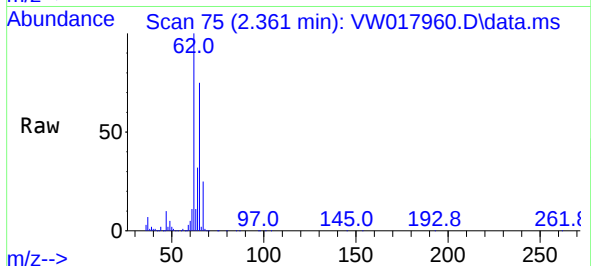




#5
 Vinyl chloride
 Concen: 27.06 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. -0.006 min
 Lab File: VW017960.D
 Acq: 19 Jan 2021 16:21

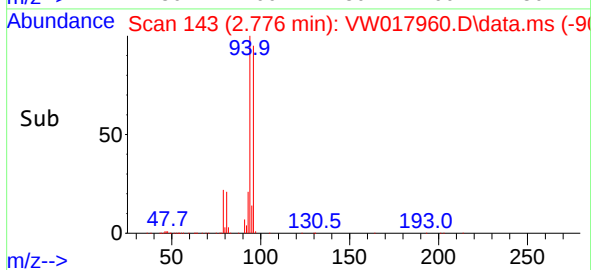
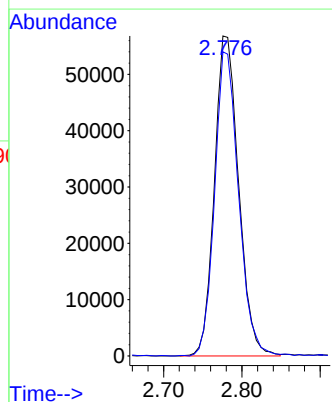
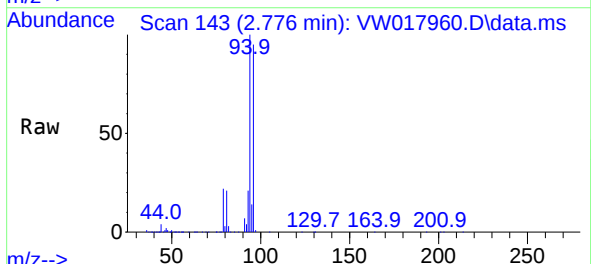
Instrument :
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 ClientSampled :

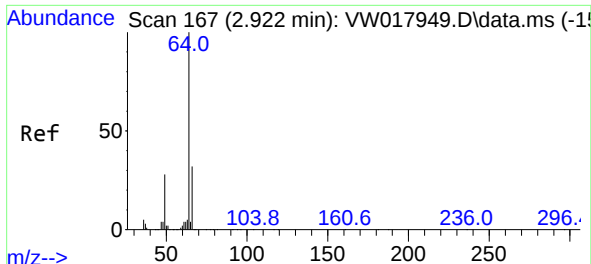
Tgt Ion: 62 Resp: 172053
 Ion Ratio Lower Upper
 62 100
 64 31.6 23.9 44.5



#6
 Bromomethane
 Concen: 23.91 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW017960.D
 Acq: 19 Jan 2021 16:21

Tgt Ion: 94 Resp: 122090
 Ion Ratio Lower Upper
 94 100
 96 94.1 9.4 178.0

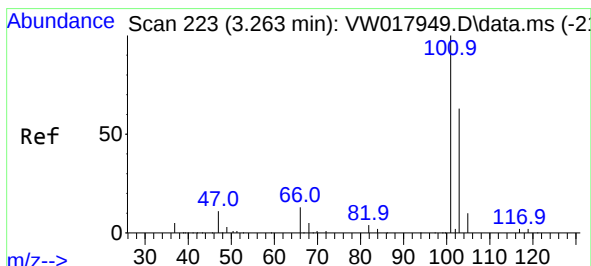
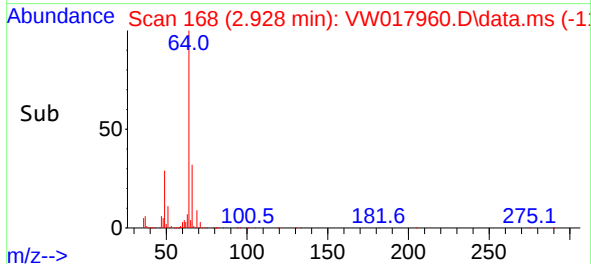
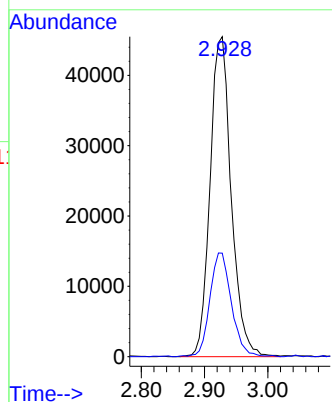
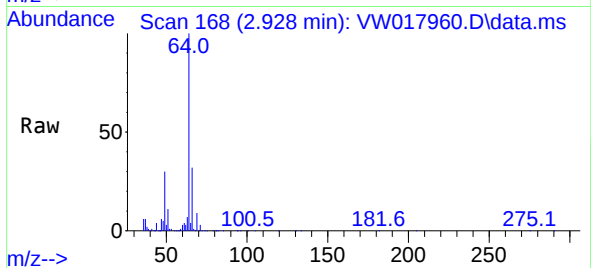




#8
Chloroethane
Concen: 26.83 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

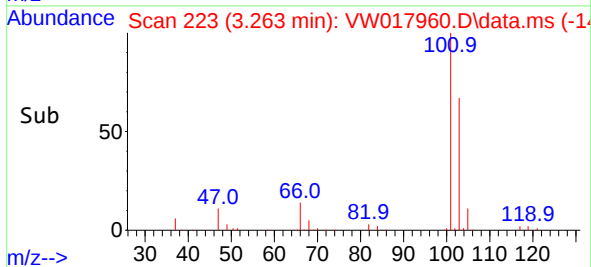
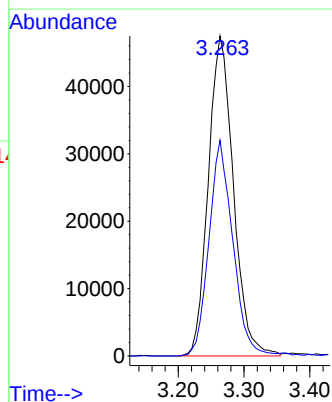
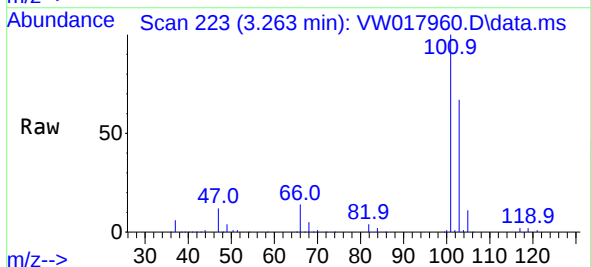
Instrument :
MSVOA_W
ClientSampled :

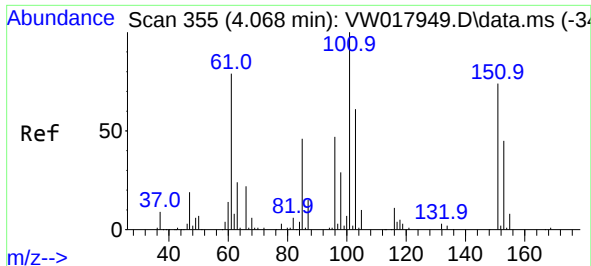
Tgt Ion: 64 Resp: 105964
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0



#9
Trichlorofluoromethane
Concen: 26.22 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 101 Resp: 126363
Ion Ratio Lower Upper
101 100
103 63.8 45.0 83.6

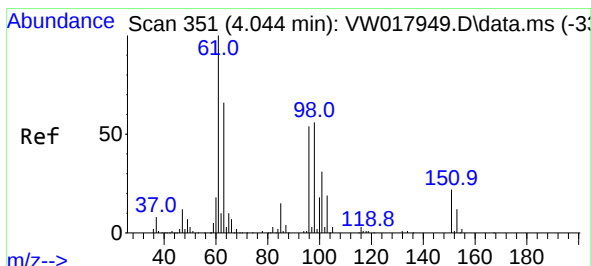
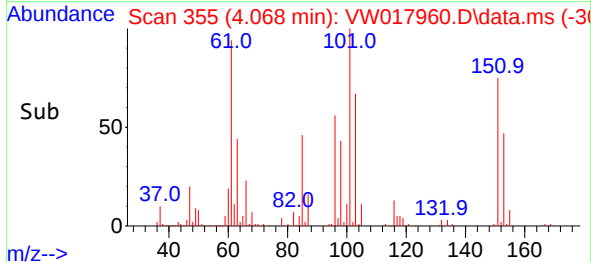
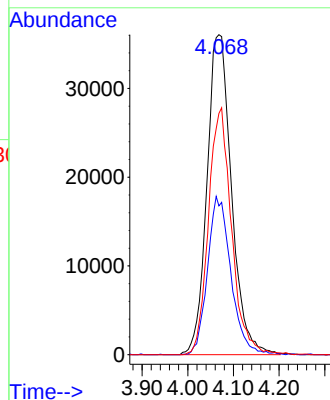
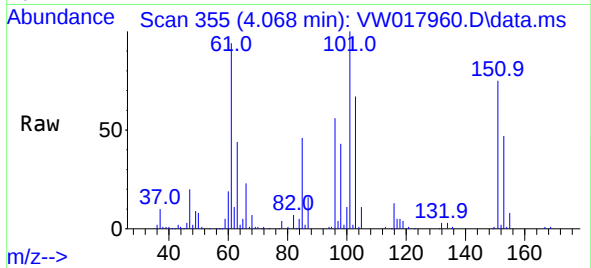




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.43 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW017960.D
 Acq: 19 Jan 2021 16:21

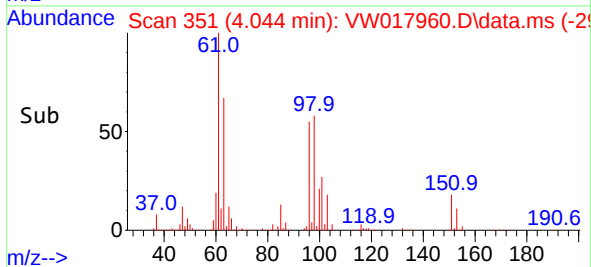
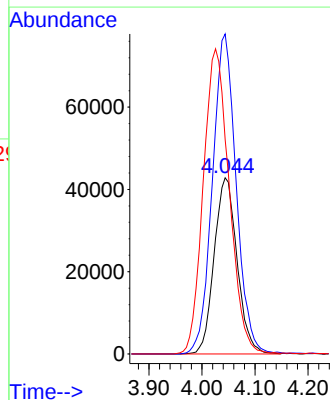
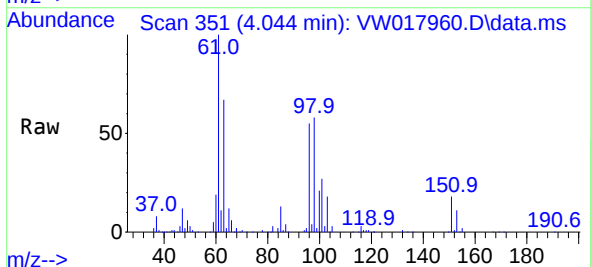
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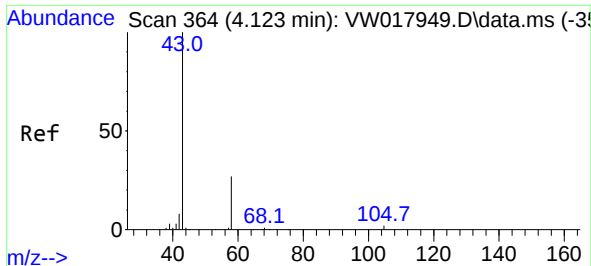
Tgt Ion:101 Resp: 134826
 Ion Ratio Lower Upper
 101 100
 85 46.6 34.2 51.4
 151 72.0 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 25.73 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW017960.D
 Acq: 19 Jan 2021 16:21

Tgt Ion: 96 Resp: 128613
 Ion Ratio Lower Upper
 96 100
 61 181.6 112.5 208.9
 63 121.6 83.1 154.3

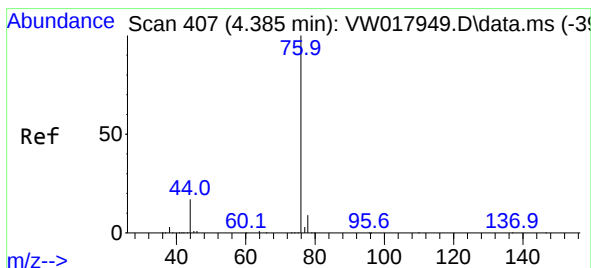
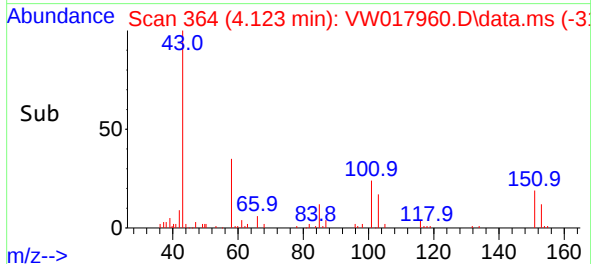
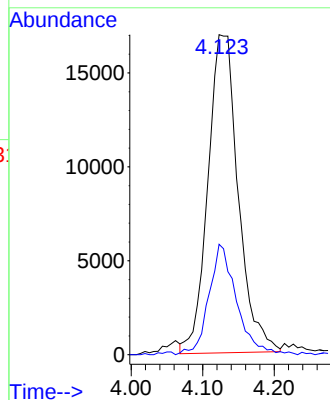
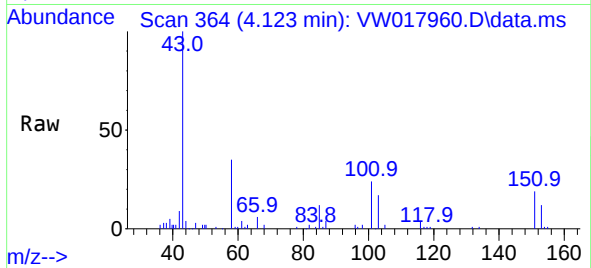




#13
Acetone
Concen: 49.13 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

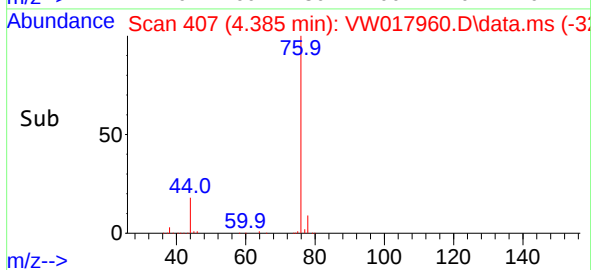
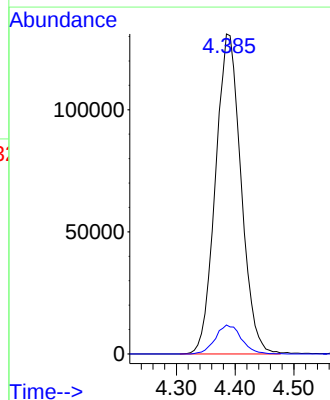
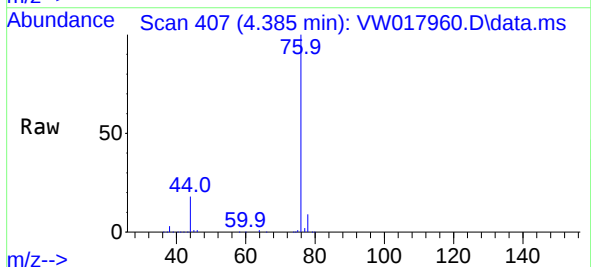
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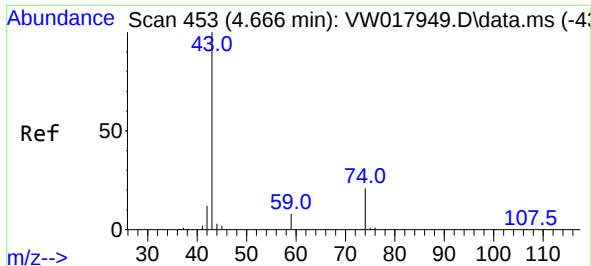
Tgt Ion: 43 Resp: 50027
Ion Ratio Lower Upper
43 100
58 31.0 0.0 68.4



#14
Carbon disulfide
Concen: 25.54 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 76 Resp: 395214
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

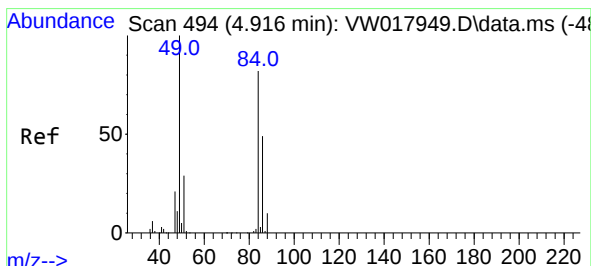
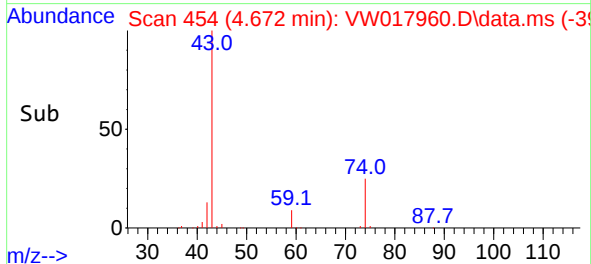
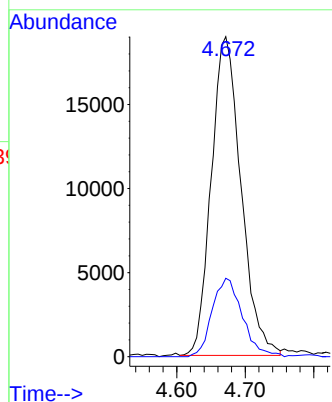
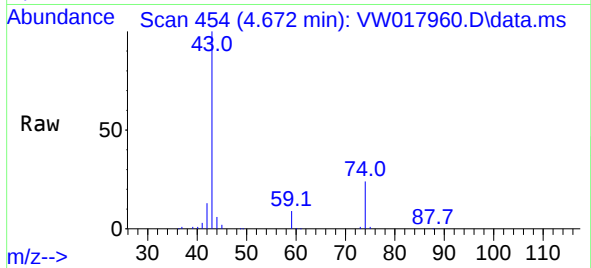




#15
Methyl Acetate
Concen: 23.05 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

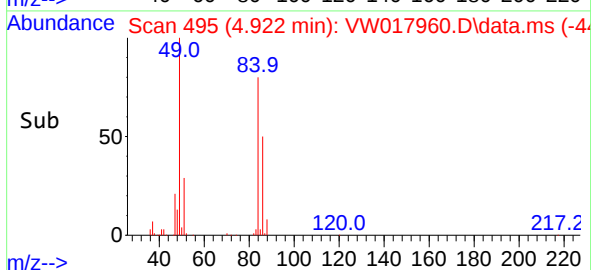
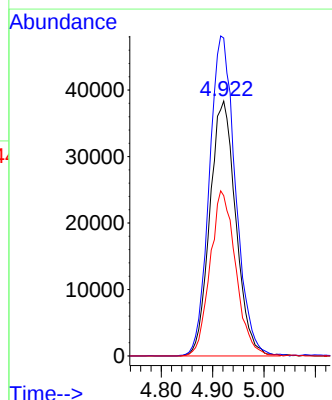
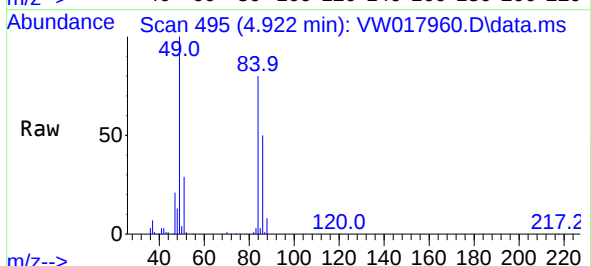
Instrument :
MSVOA_W
ClientSampled :

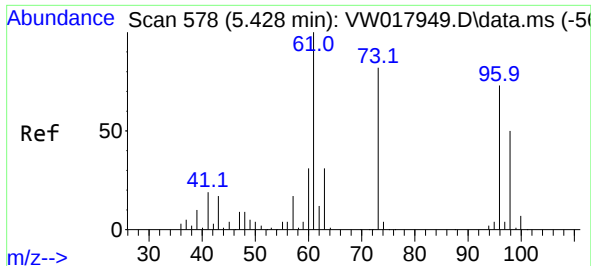
Tgt Ion: 43 Resp: 57124
Ion Ratio Lower Upper
43 100
74 24.7 20.7 31.1



#16
Methylene chloride
Concen: 24.32 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 84 Resp: 134218
Ion Ratio Lower Upper
84 100
49 124.7 81.2 150.8
86 62.9 44.5 82.7

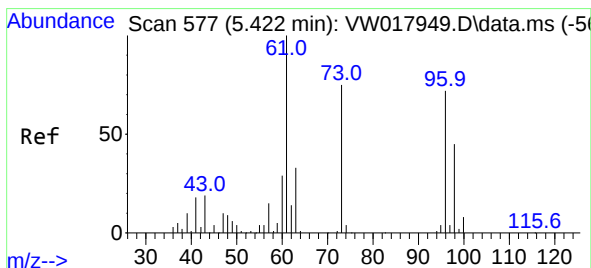
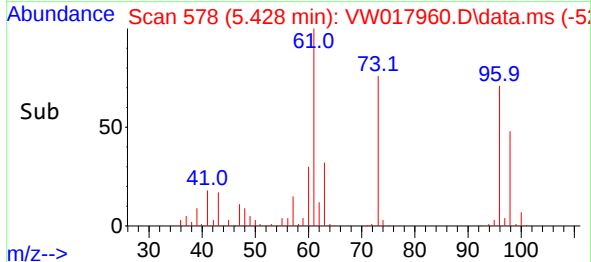
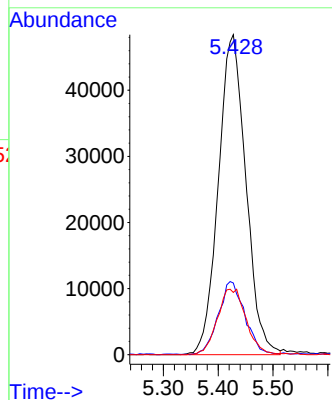
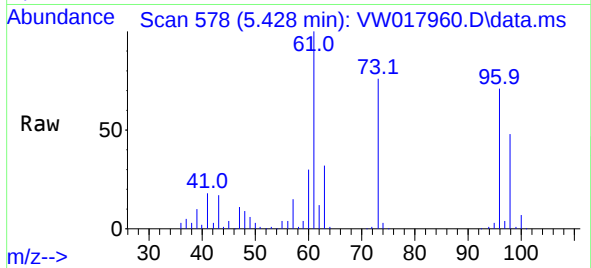




#17
Methyl tert-butyl Ether
Concen: 25.06 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

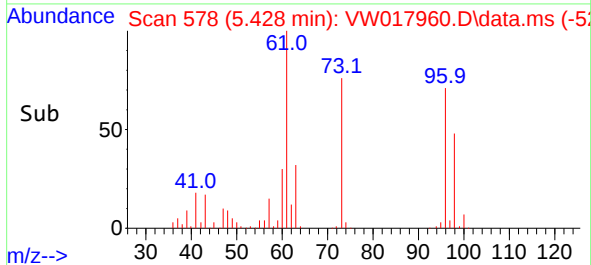
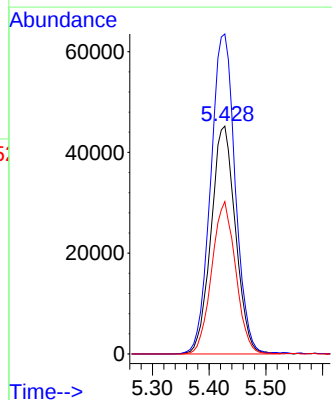
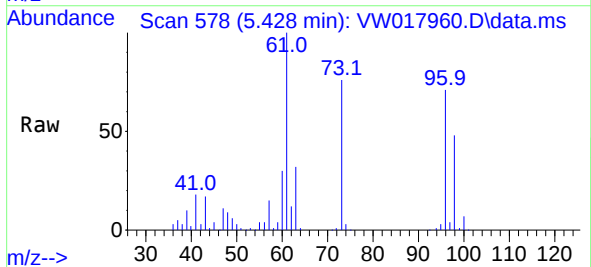
Instrument :
MSVOA_W
ClientSampled :

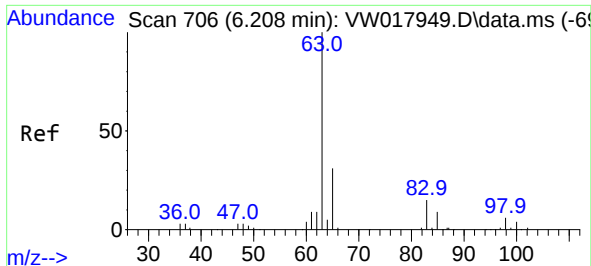
Tgt Ion: 73 Resp: 168623
Ion Ratio Lower Upper
73 100
43 22.2 16.2 24.4
57 12.6 17.2 25.8#



#18
trans-1,2-Dichloroethene
Concen: 25.02 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 96 Resp: 135318
Ion Ratio Lower Upper
96 100
61 140.4 92.7 172.1
98 66.9 43.3 80.3





#19

1,1-Dichloroethane

Concen: 25.71 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.006 min

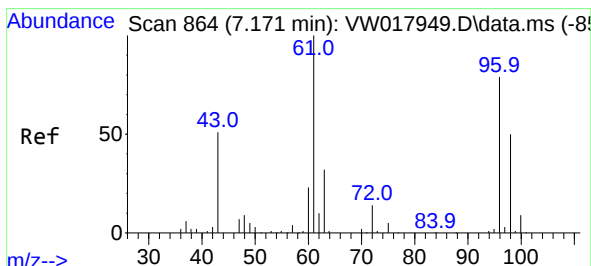
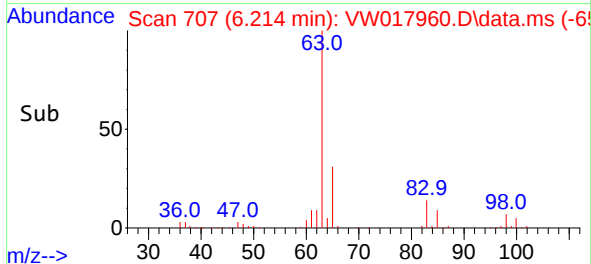
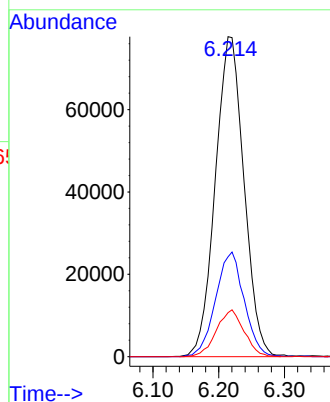
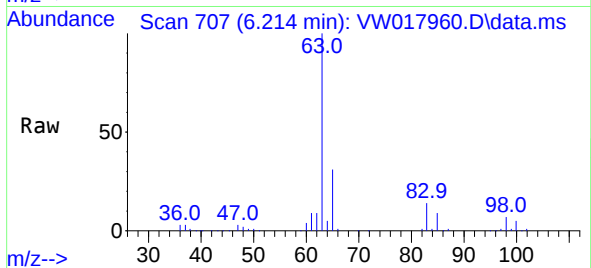
Lab File: VW017960.D

Acq: 19 Jan 2021 16:21

Tgt Ion: 63 Resp: 235494

Ion	Ratio	Lower	Upper
63	100		
65	31.2	21.9	40.7
83	13.8	9.4	17.6

Instrument :
MSVOA_W
ClientSampled :



#21

2-Butanone

Concen: 47.98 ug/L

RT: 7.171 min Scan# 864

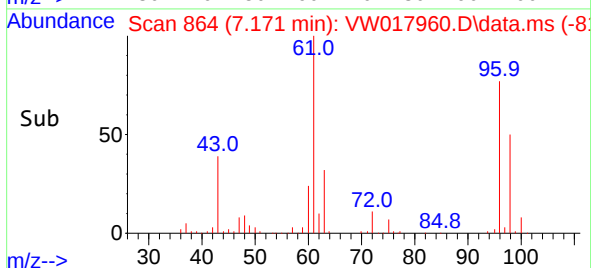
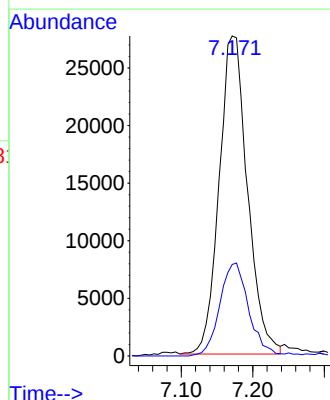
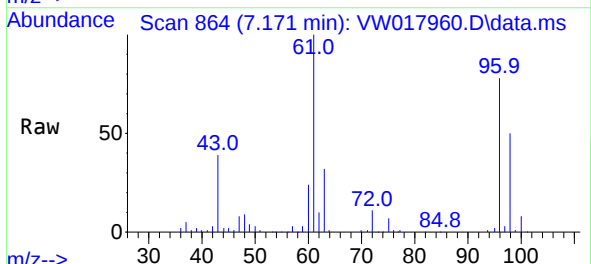
Delta R.T. -0.000 min

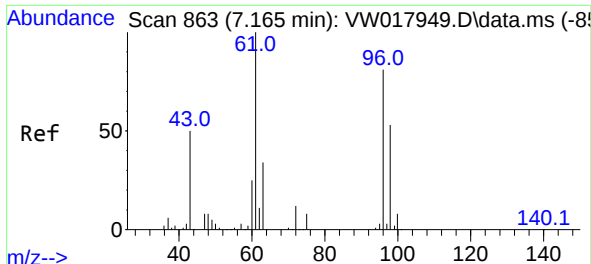
Lab File: VW017960.D

Acq: 19 Jan 2021 16:21

Tgt Ion: 43 Resp: 75898

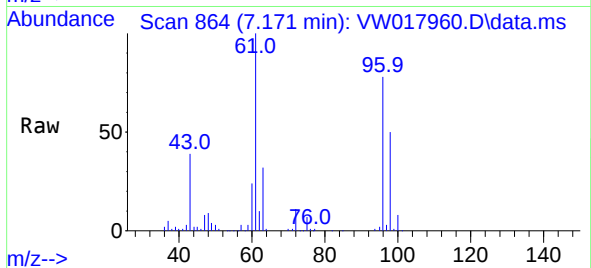
Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.4	43.2



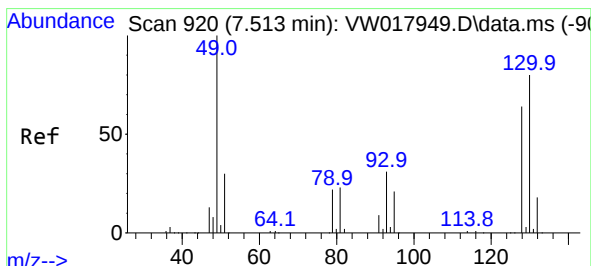
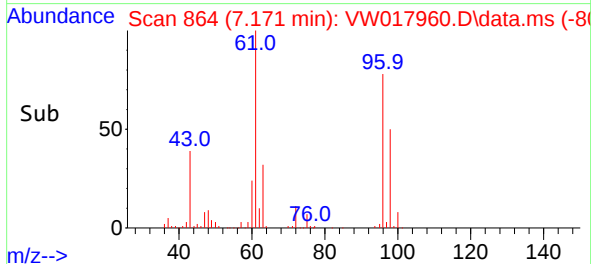
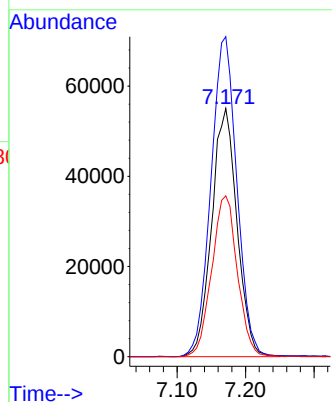


#22
cis-1,2-Dichloroethene
Concen: 24.92 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Instrument :
MSVOA_W
ClientSampled :

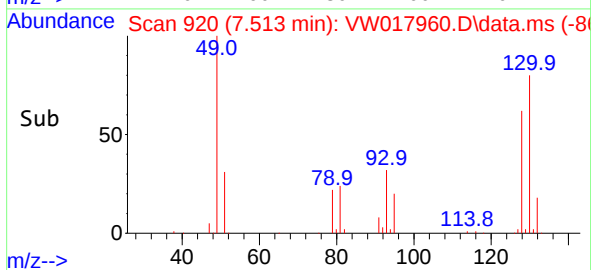
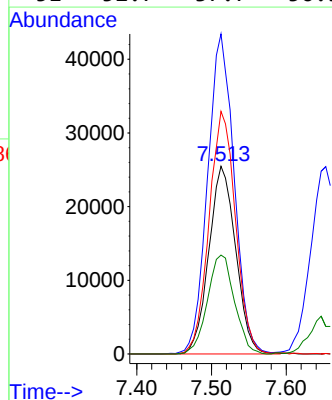
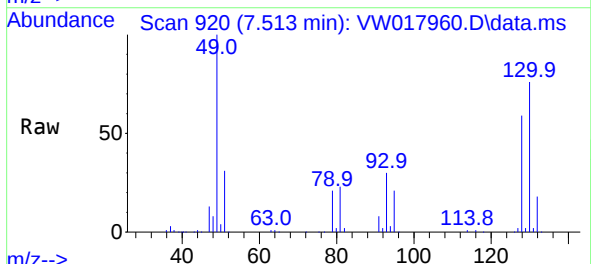


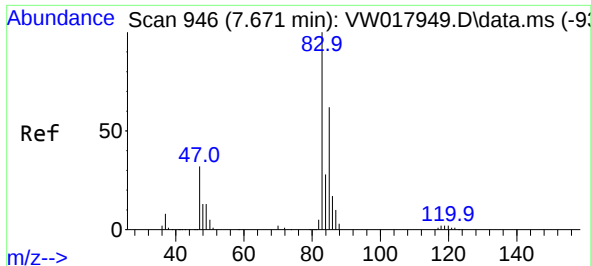
Tgt Ion: 96 Resp: 141190
Ion Ratio Lower Upper
96 100
61 128.9 84.6 157.2
98 64.8 44.7 82.9



#23
Bromochloromethane
Concen: 24.70 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 128 Resp: 63604
Ion Ratio Lower Upper
128 100
49 170.4 101.6 188.6
130 129.2 90.4 167.8
51 52.7 37.7 56.5

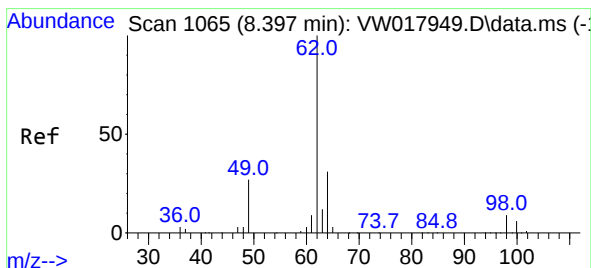
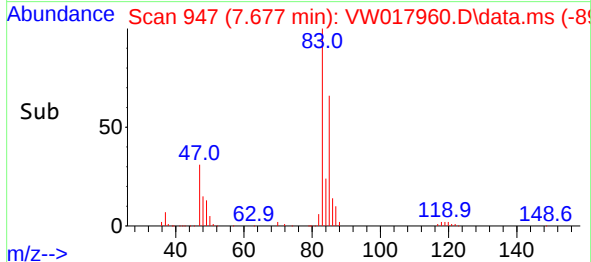
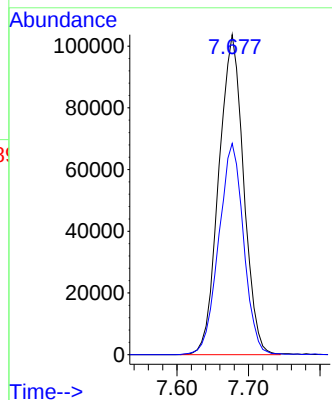
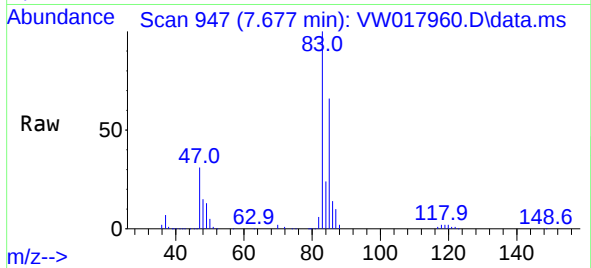




#25
Chloroform
Concen: 25.59 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

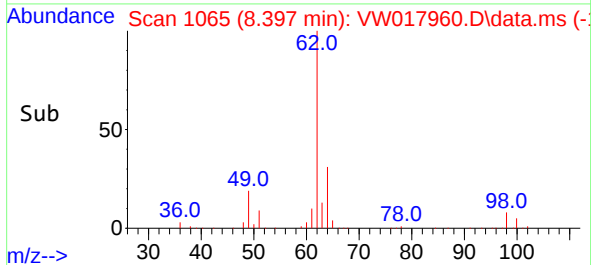
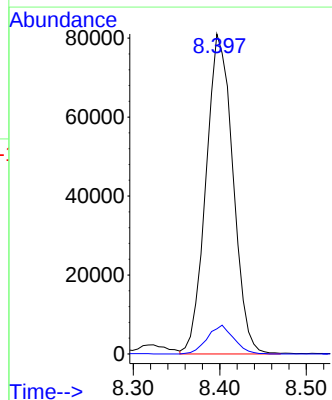
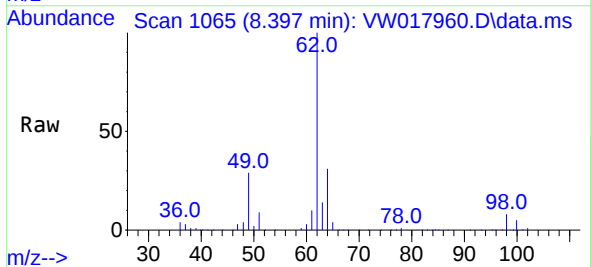
Instrument :
MSVOA_W
ClientSampled :

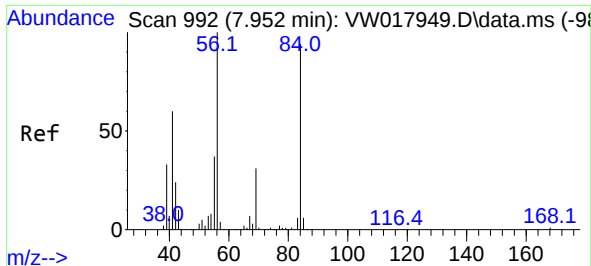
Tgt Ion: 83 Resp: 249856
Ion Ratio Lower Upper
83 100
85 66.2 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.08 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

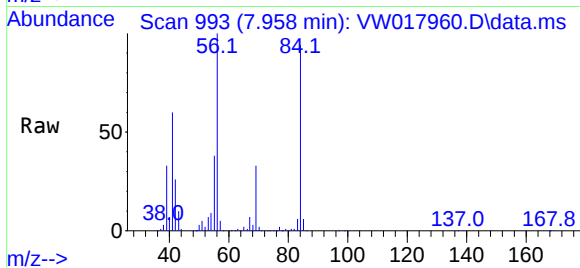
Tgt Ion: 62 Resp: 175584
Ion Ratio Lower Upper
62 100
98 7.9 8.0 12.0#



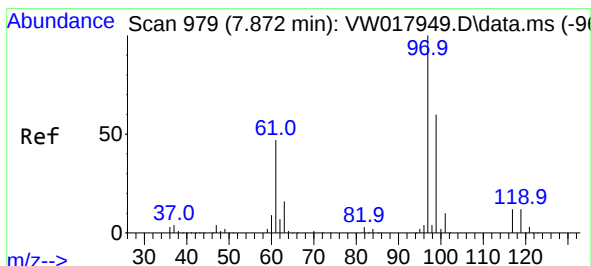
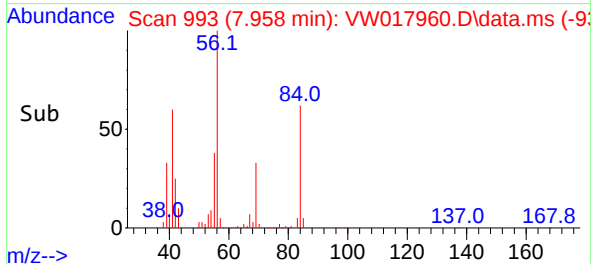
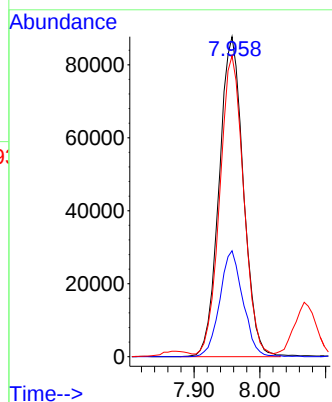


#30
Cyclohexane
Concen: 25.99 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Instrument :
MSVOA_W
ClientSampled :

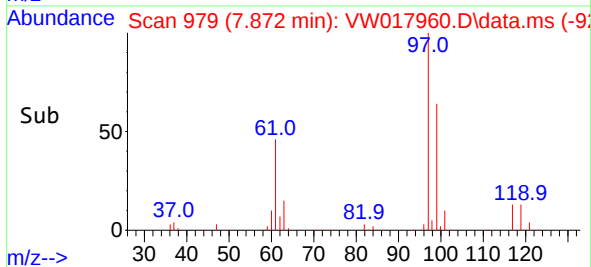
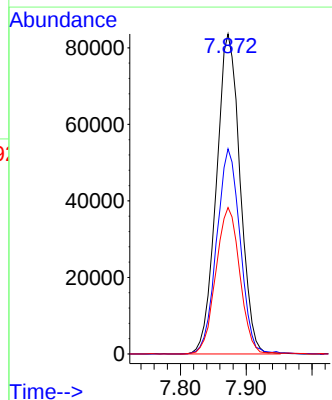
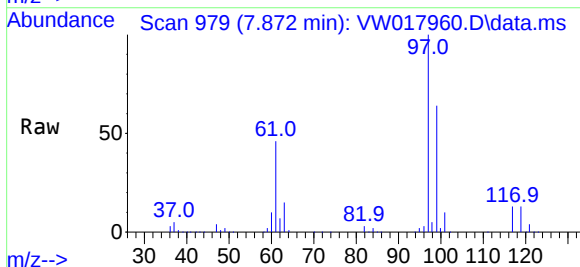


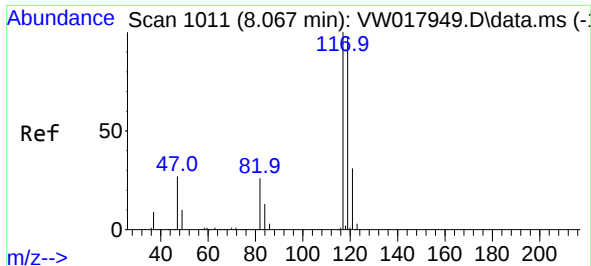
Tgt Ion: 56 Resp: 224479
Ion Ratio Lower Upper
56 100
69 31.7 24.8 37.2
84 92.6 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 25.57 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 97 Resp: 209499
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.4
61 46.3 33.6 50.4

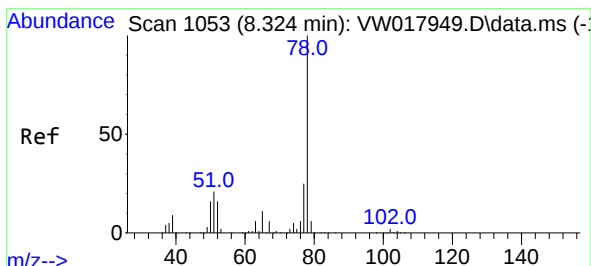
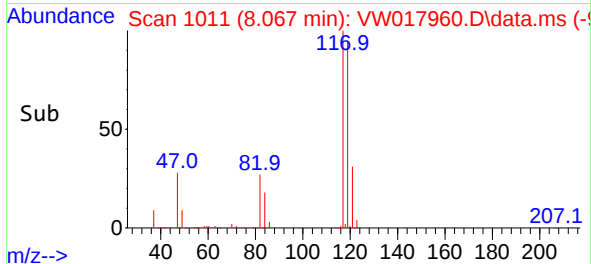
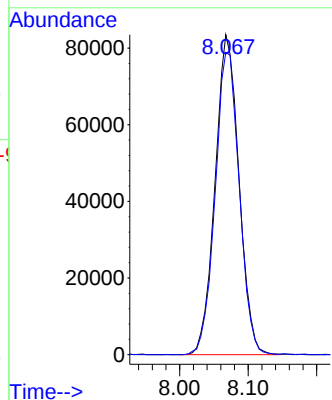
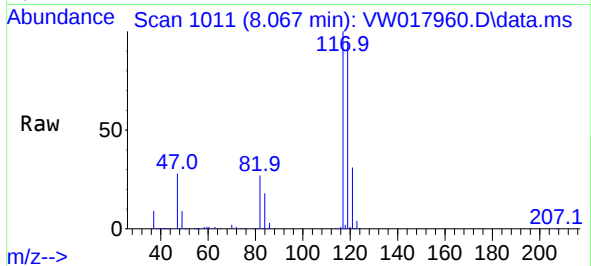




#32
Carbon tetrachloride
Concen: 25.72 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

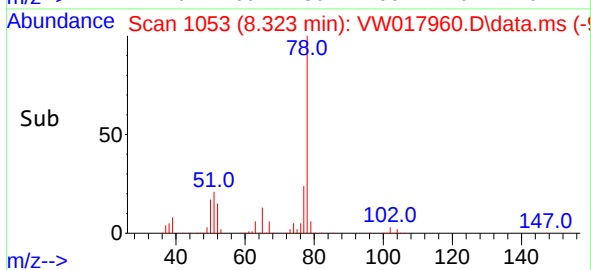
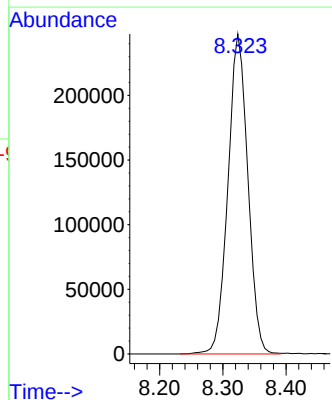
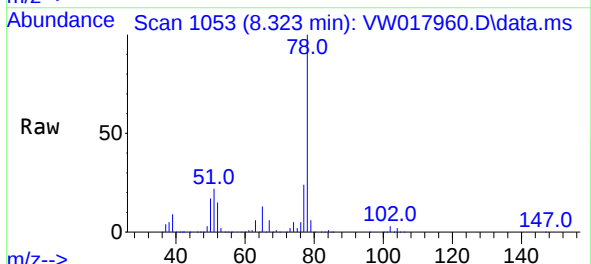
Instrument :
MSVOA_W
ClientSampleId :

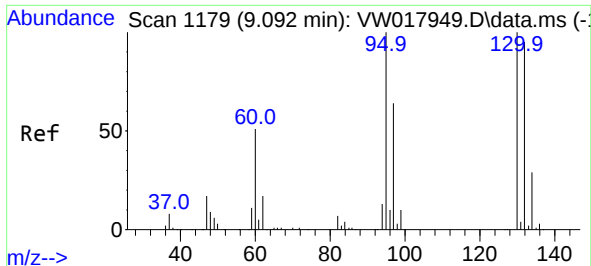
Tgt Ion:117 Resp: 201471
Ion Ratio Lower Upper
117 100
119 95.5 75.8 113.8



#34
Benzene
Concen: 26.01 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 78 Resp: 540602



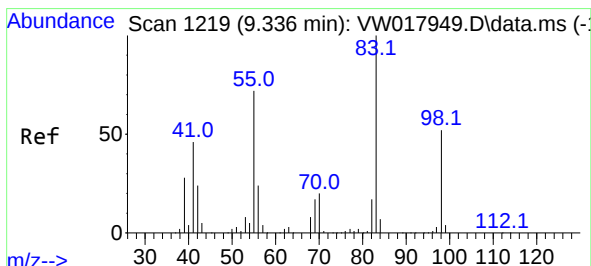
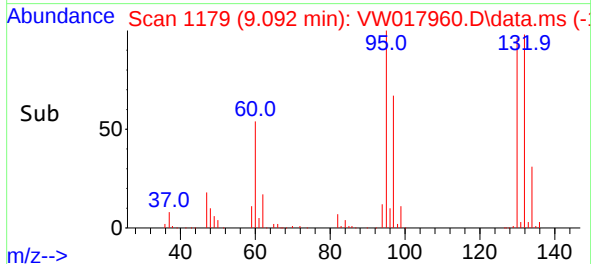
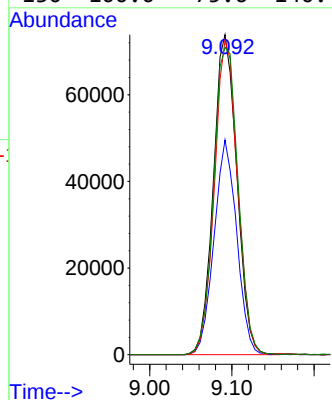
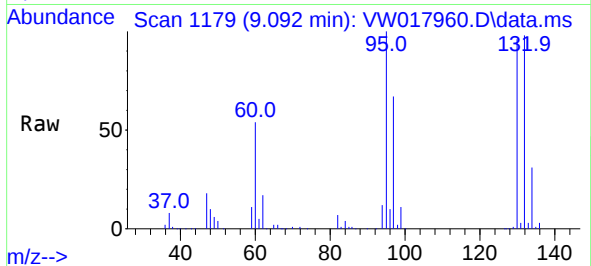


#35
Trichloroethene
Concen: 25.60 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 146323

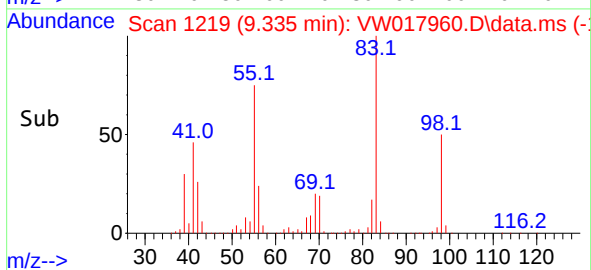
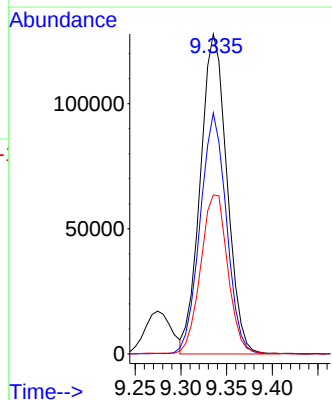
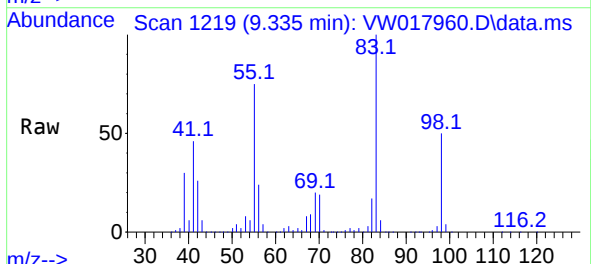
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.0	83.6
132	96.6	71.0	131.8
130	100.0	75.6	140.4

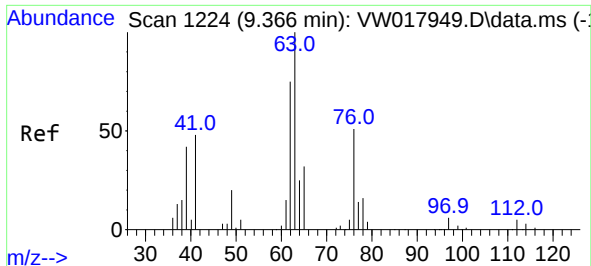


#36
Methylcyclohexane
Concen: 26.03 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 83 Resp: 259046

Ion	Ratio	Lower	Upper
83	100		
55	74.2	59.4	89.0
98	50.7	40.7	61.1

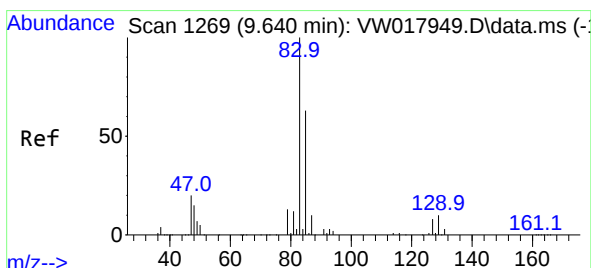
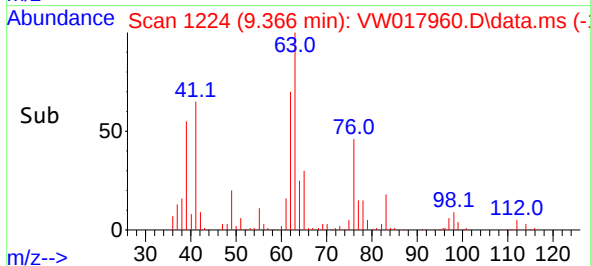
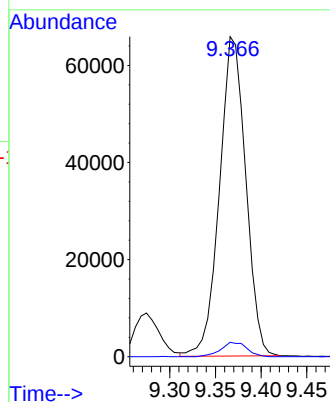
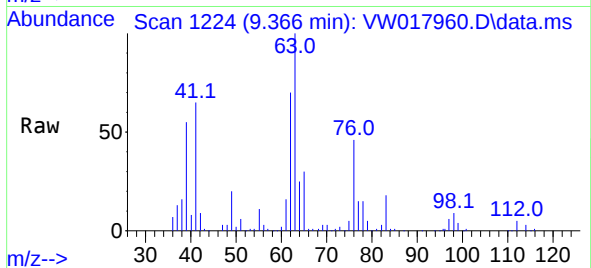




#40
1,2-Dichloropropane
Concen: 26.14 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

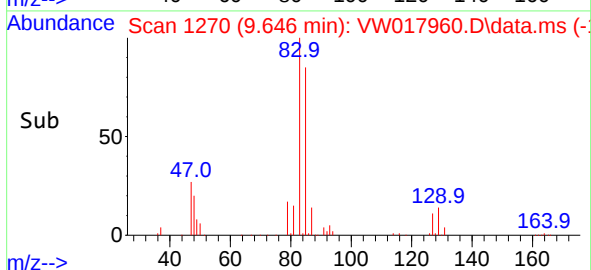
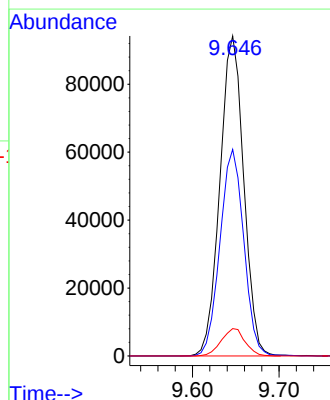
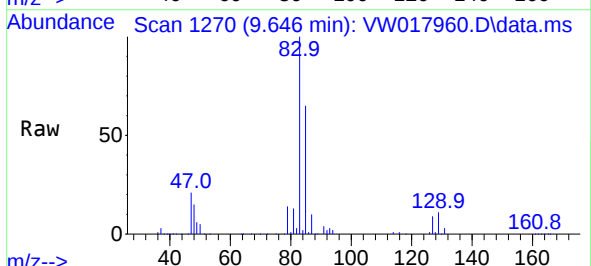
Instrument :
MSVOA_W
ClientSampled :

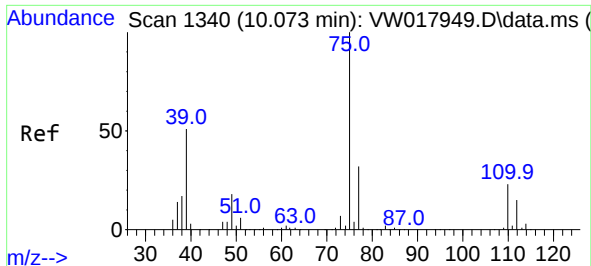
Tgt Ion: 63 Resp: 131495
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 25.94 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 83 Resp: 179992
Ion Ratio Lower Upper
83 100
85 64.6 46.8 86.8
127 8.6 7.6 11.4

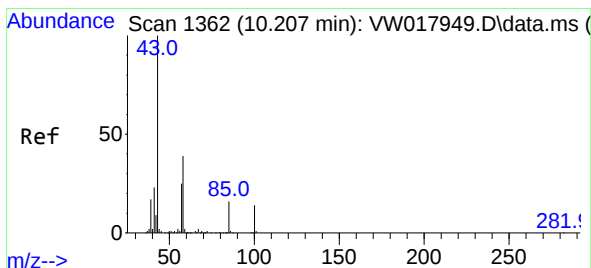
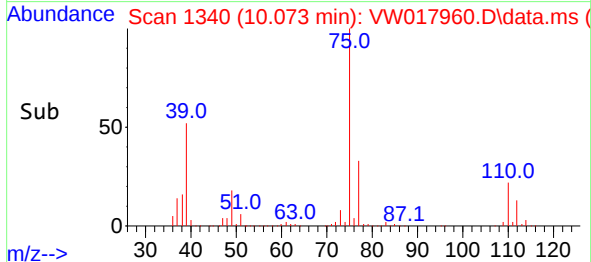
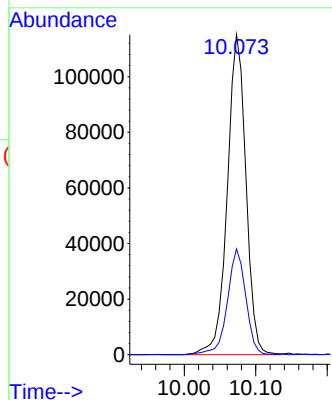
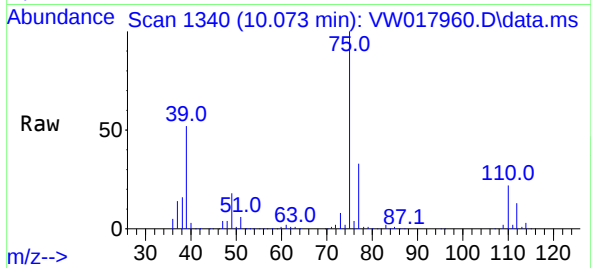




#42
cis-1,3-Dichloropropene
Concen: 26.07 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

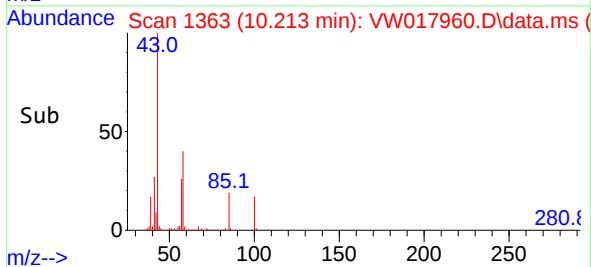
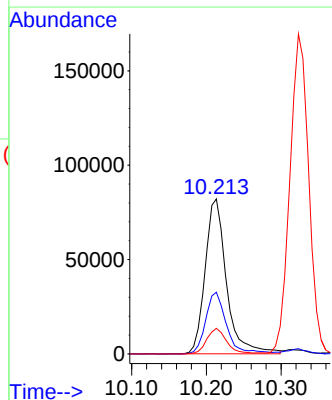
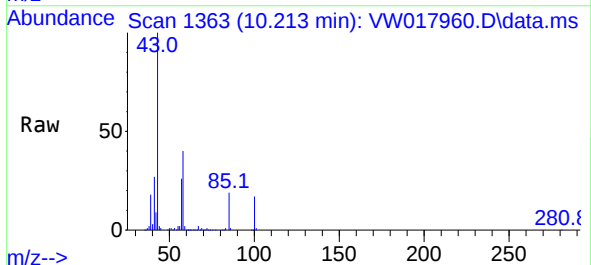
Instrument :
MSVOA_W
ClientSampleId :

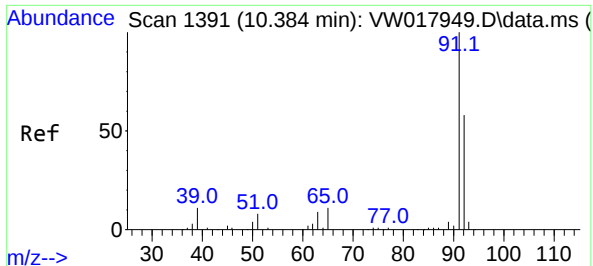
Tgt Ion: 75 Resp: 208321
Ion Ratio Lower Upper
75 100
77 33.0 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 48.27 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 43 Resp: 163168
Ion Ratio Lower Upper
43 100
58 38.8 31.6 47.4
100 15.3 14.1 21.1

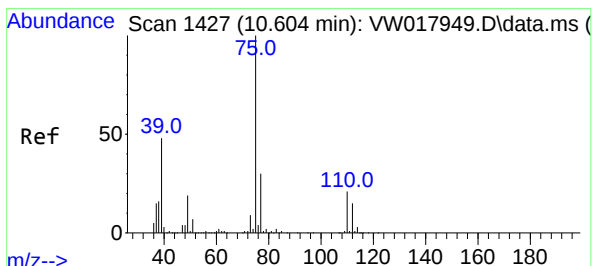
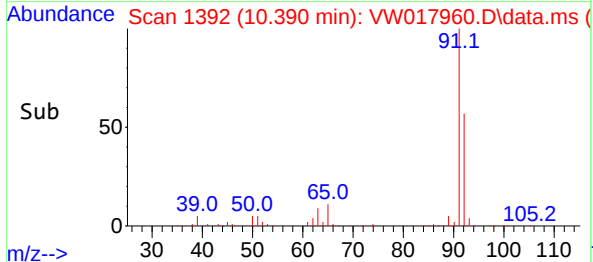
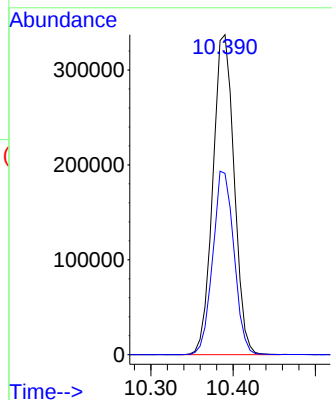
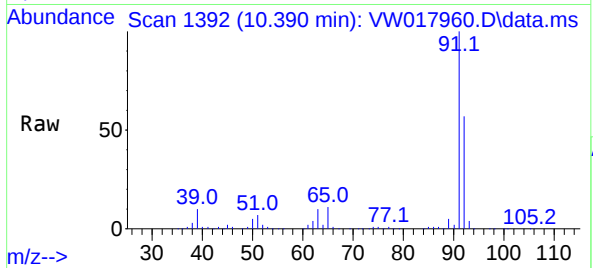




#44
Toluene
Concen: 26.41 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

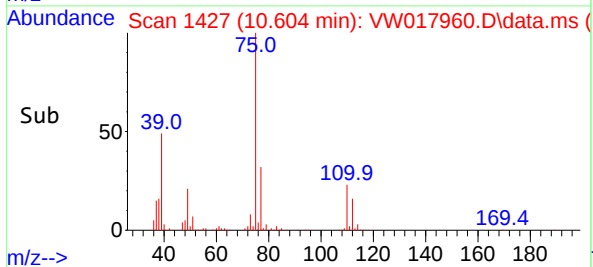
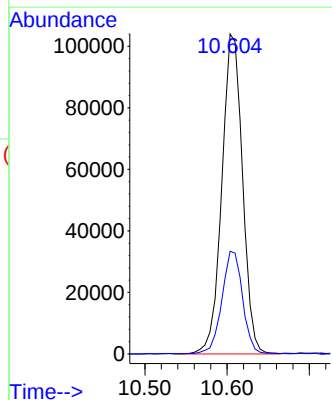
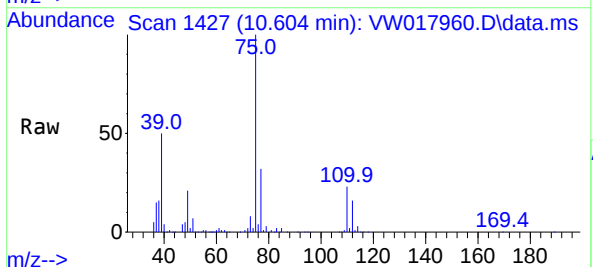
Instrument :
MSVOA_W
ClientSampled :

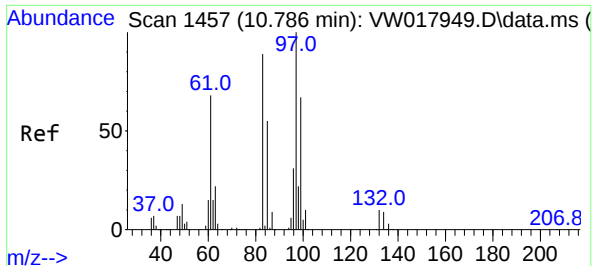
Tgt Ion: 91 Resp: 606786
Ion Ratio Lower Upper
91 100
92 56.7 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 26.05 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

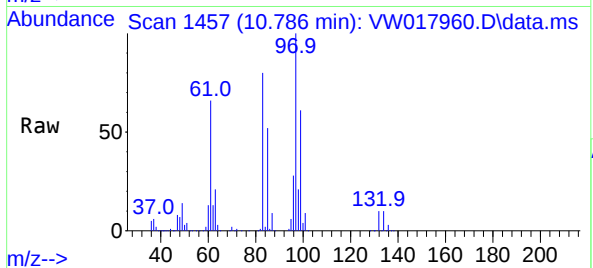
Tgt Ion: 75 Resp: 181889
Ion Ratio Lower Upper
75 100
77 32.1 22.6 42.0





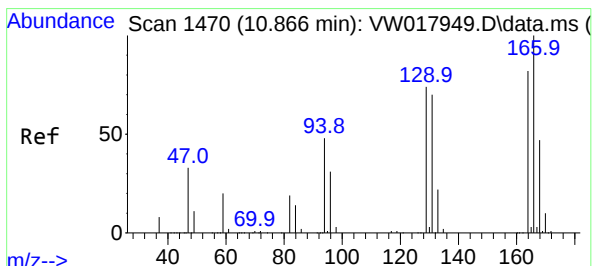
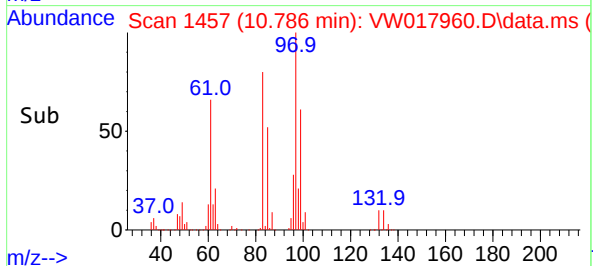
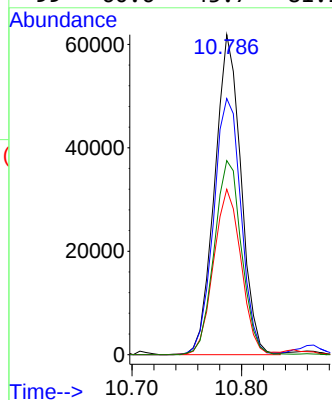
#46
1,1,2-Trichloroethane
Concen: 25.45 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Instrument :
MSVOA_W
ClientSampled :

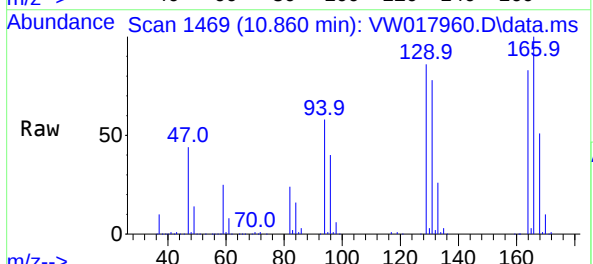


Tgt Ion: 97 Resp: 103053

Ion	Ratio	Lower	Upper
97	100		
83	80.1	58.5	108.7
85	51.7	37.8	70.2
99	60.6	43.7	81.1

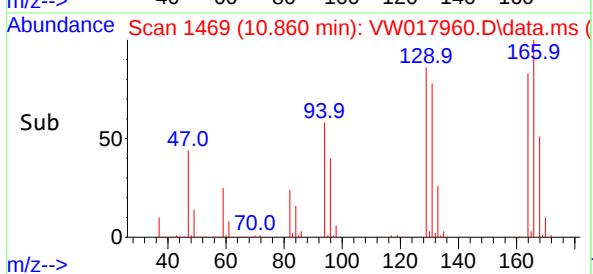
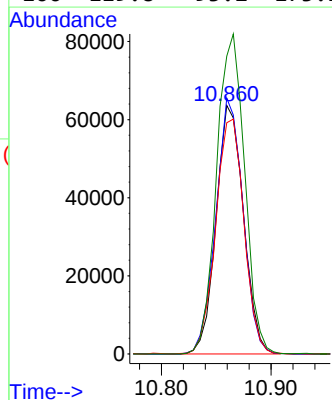


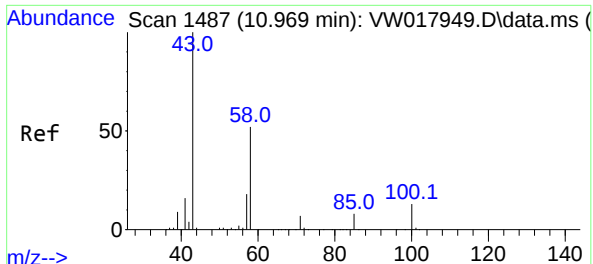
#47
Tetrachloroethene
Concen: 24.54 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21



Tgt Ion: 164 Resp: 110345

Ion	Ratio	Lower	Upper
164	100		
129	103.0	67.6	125.6
131	93.0	65.2	121.2
166	119.8	93.2	173.2



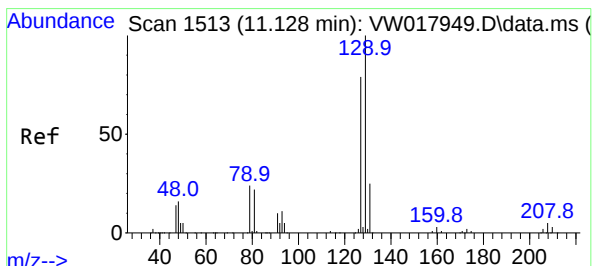
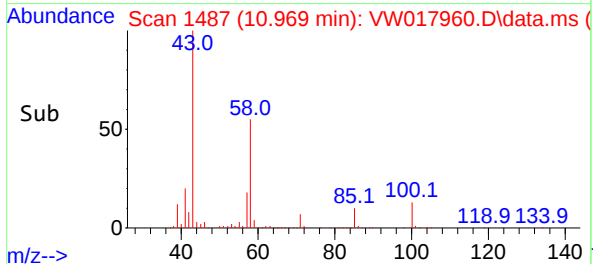
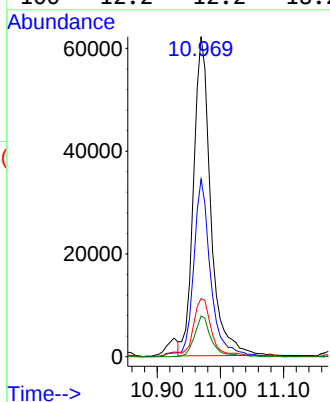
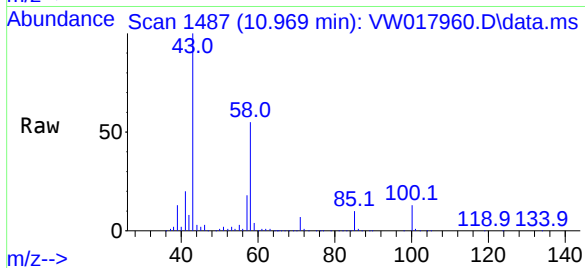


#49
2-Hexanone
Concen: 50.90 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 117527

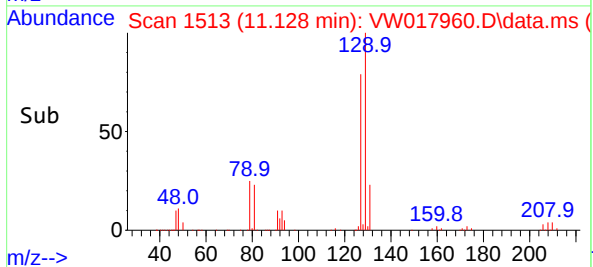
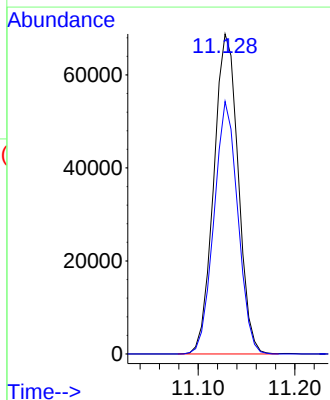
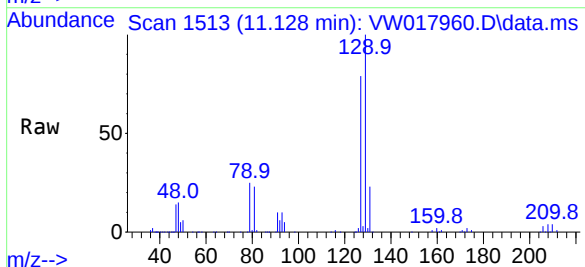
Ion	Ratio	Lower	Upper
43	100		
58	52.0	51.3	76.9
57	16.1	15.0	22.6
100	12.2	12.2	18.2

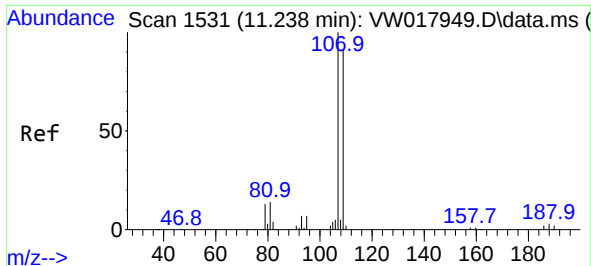


#50
Dibromochloromethane
Concen: 24.94 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 129 Resp: 120575

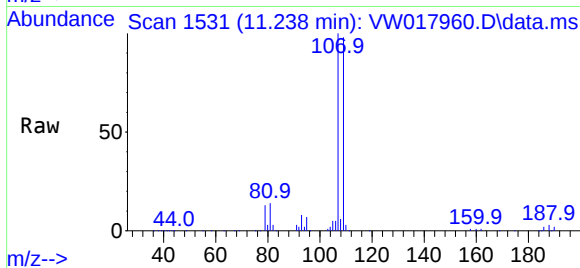
Ion	Ratio	Lower	Upper
129	100		
127	78.9	53.2	98.8



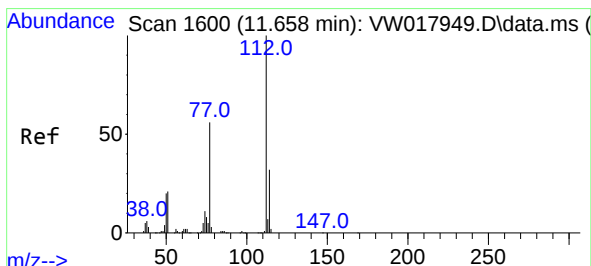
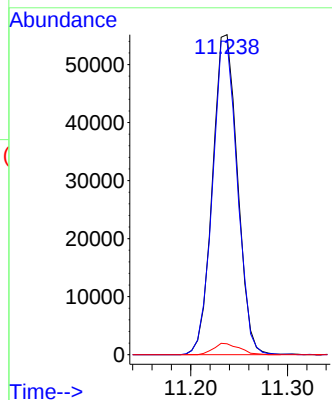
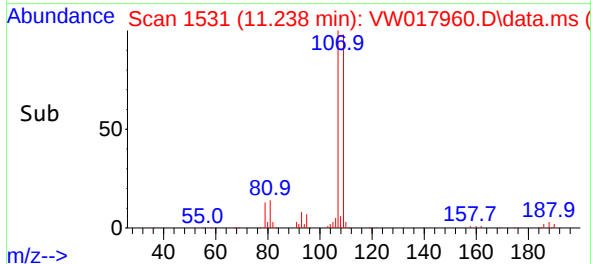


#51
1,2-Dibromoethane
Concen: 24.27 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

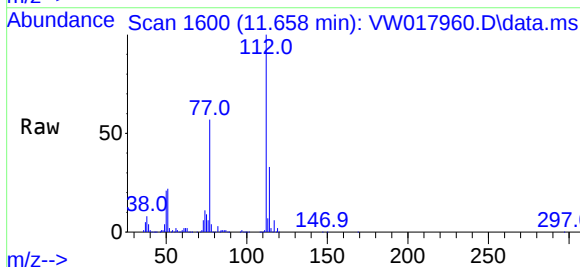
Instrument :
MSVOA_W
ClientSampleId :



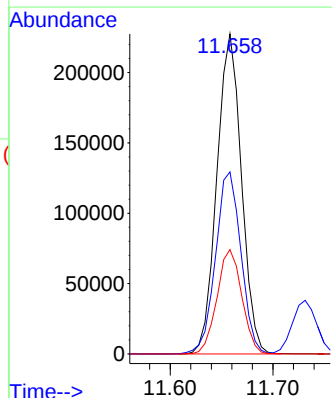
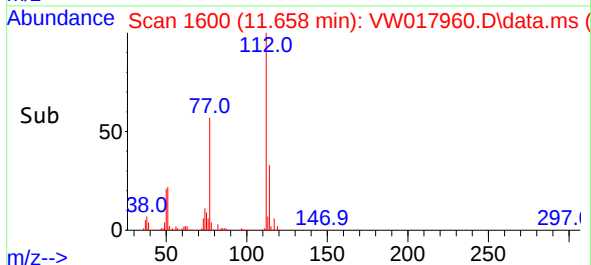
Tgt Ion:107 Resp: 98801
Ion Ratio Lower Upper
107 100
109 97.9 66.4 123.2
188 3.4 4.0 6.0#

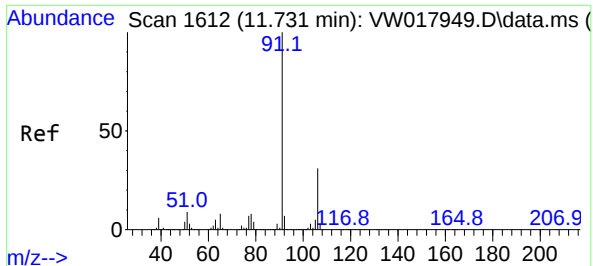


#52
Chlorobenzene
Concen: 25.53 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21



Tgt Ion:112 Resp: 378002
Ion Ratio Lower Upper
112 100
77 56.9 42.6 64.0
114 32.6 21.6 40.2

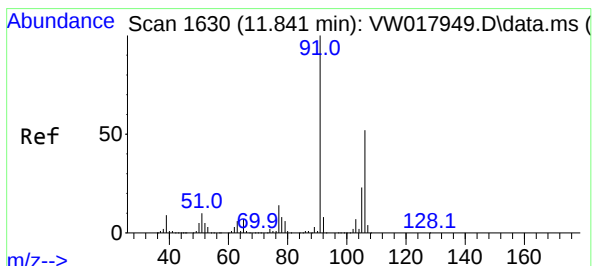
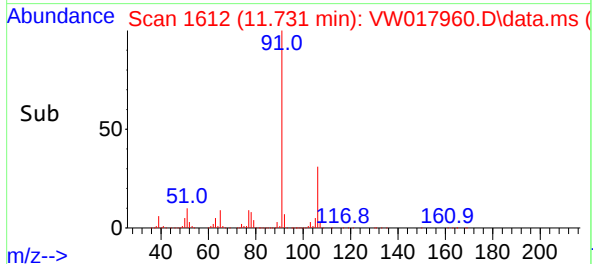
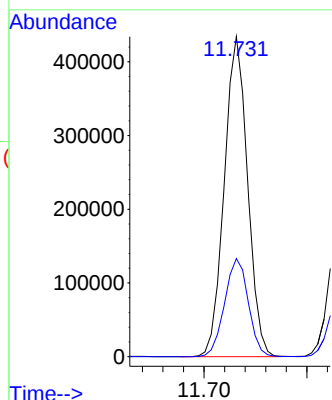
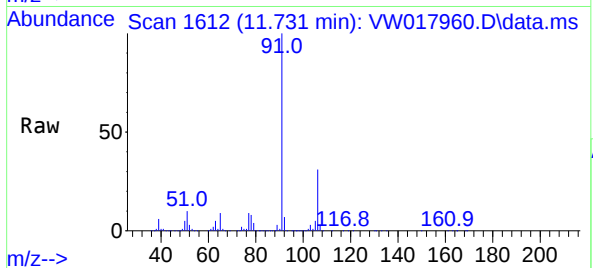




#53
Ethylbenzene
Concen: 26.30 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

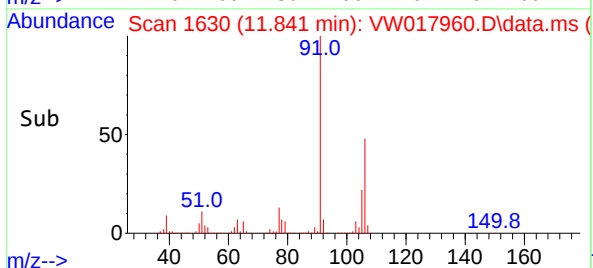
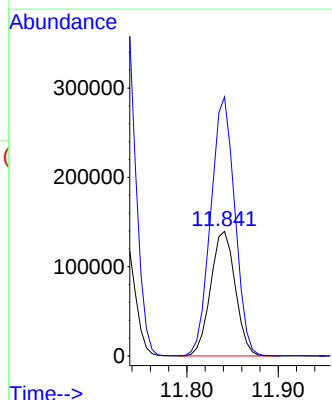
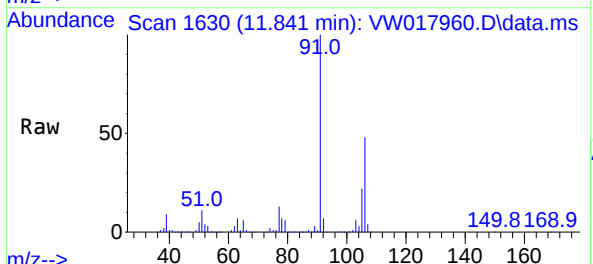
Instrument :
MSVOA_W
ClientSampled :

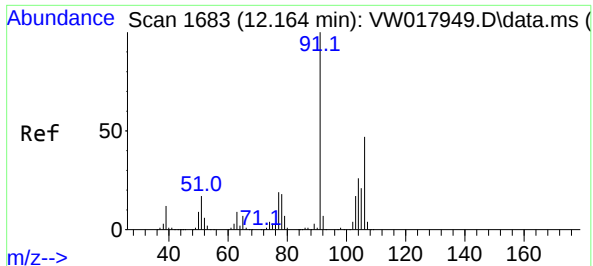
Tgt Ion: 91 Resp: 682262
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.1



#54
m,p-Xylene
Concen: 26.05 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion:106 Resp: 261508
Ion Ratio Lower Upper
106 100
91 207.8 136.4 253.4

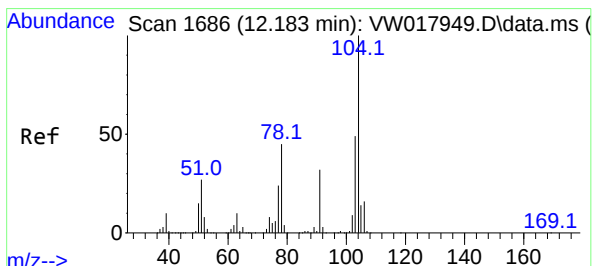
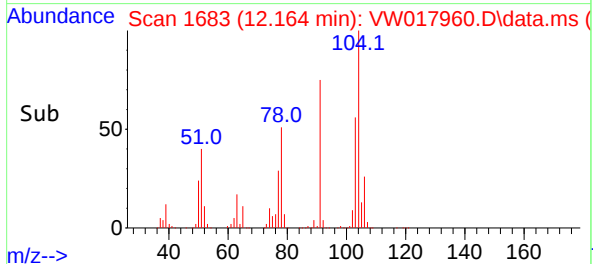
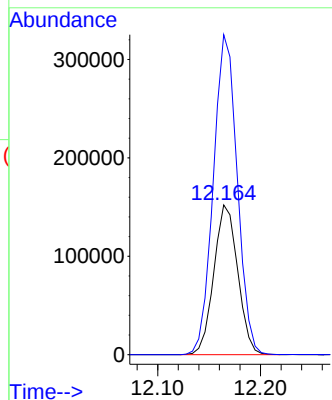
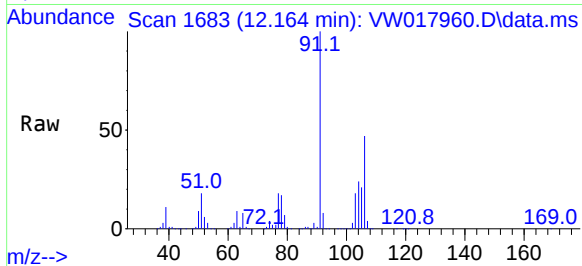




#55
o-xylene
Concen: 26.43 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

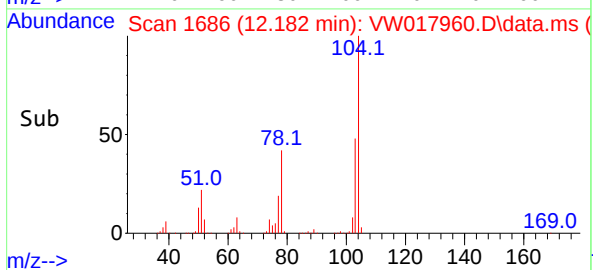
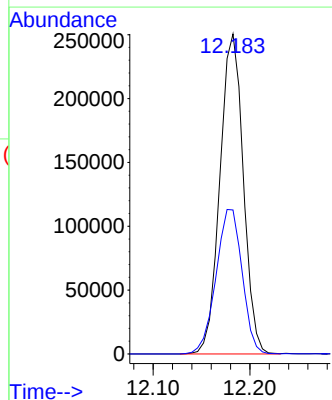
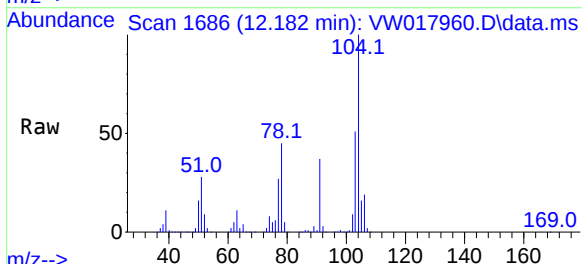
Instrument :
MSVOA_W
ClientSampled :

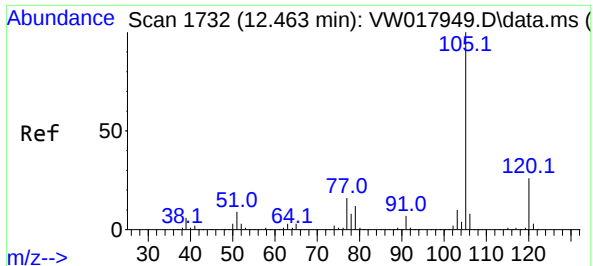
Tgt Ion:106 Resp: 245840
Ion Ratio Lower Upper
106 100
91 213.7 147.6 274.2



#56
Styrene
Concen: 26.65 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion:104 Resp: 420185
Ion Ratio Lower Upper
104 100
78 45.0 31.3 58.1

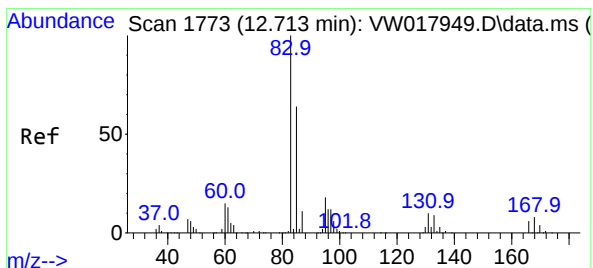
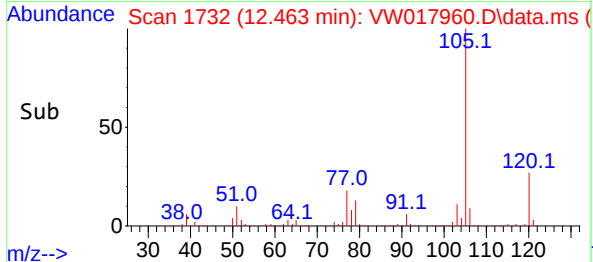
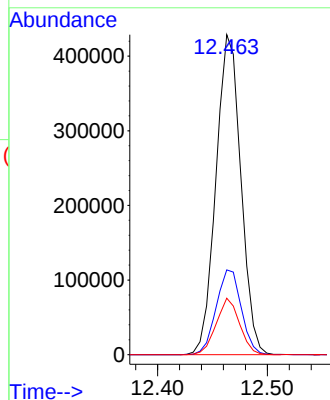
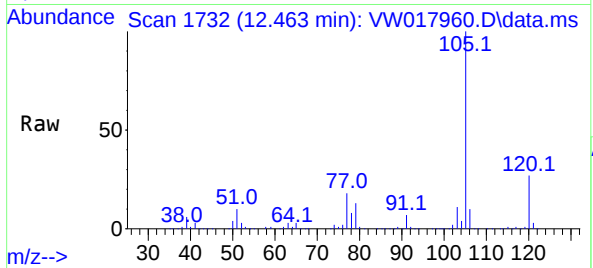




#57
Isopropylbenzene
Concen: 26.19 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

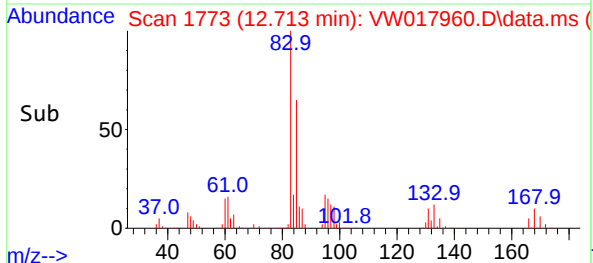
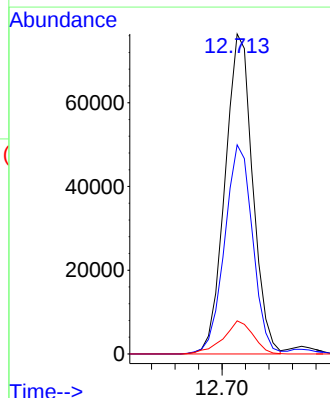
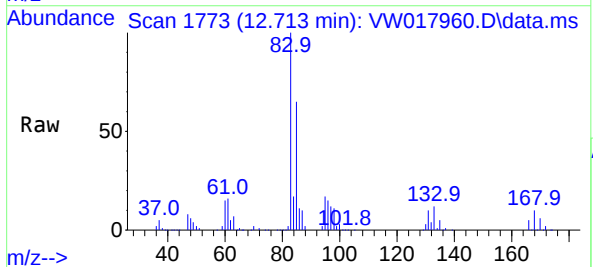
Instrument :
MSVOA_W
ClientSampled :

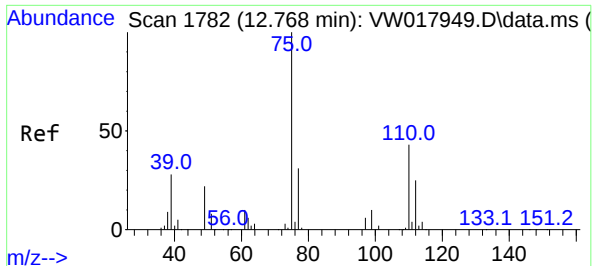
Tgt Ion:105 Resp: 677386
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 16.6 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 25.00 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 83 Resp: 124926
Ion Ratio Lower Upper
83 100
85 65.4 45.3 84.1
131 10.3 8.3 12.5

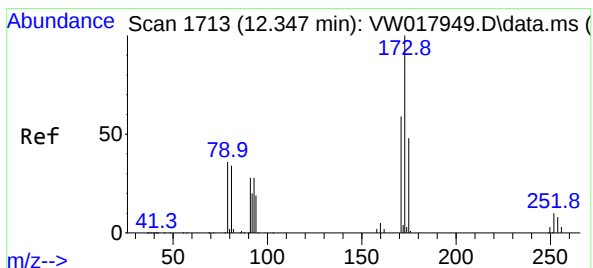
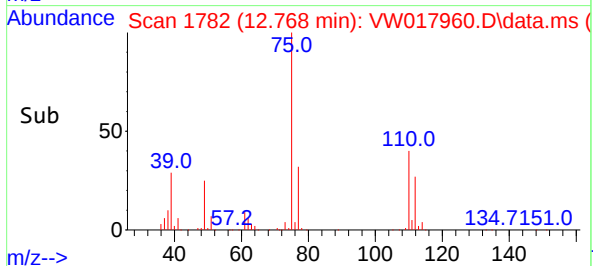
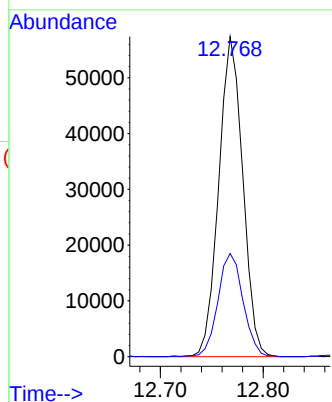
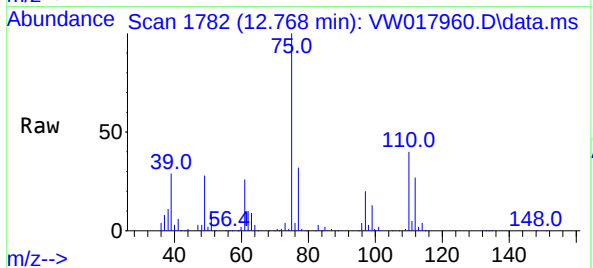




#59
1,2,3-Trichloropropane
Concen: 24.60 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

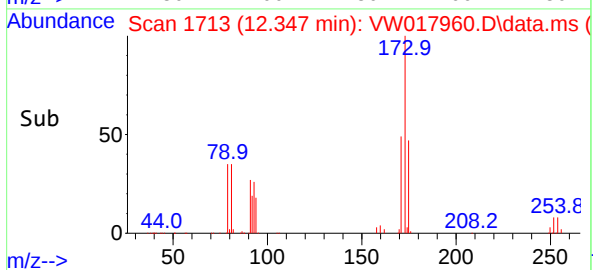
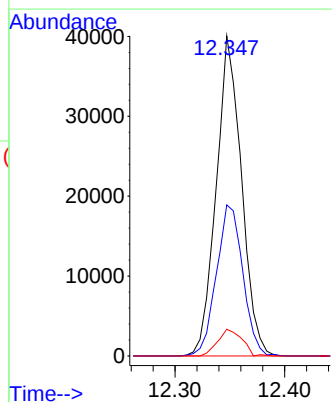
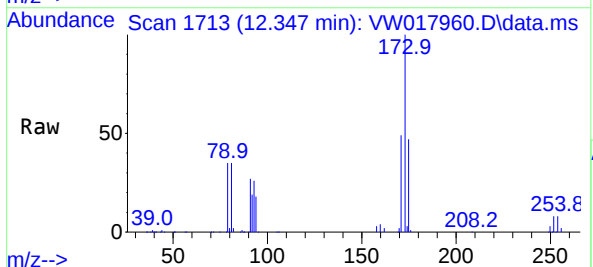
Instrument :
MSVOA_W
ClientSampleId :

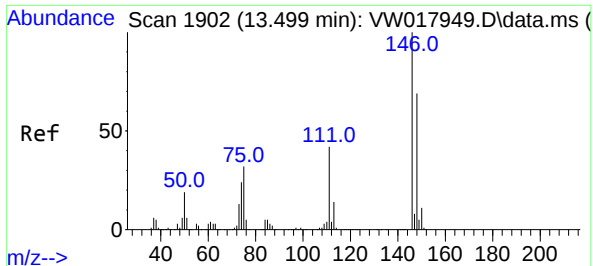
Tgt Ion: 75 Resp: 92927
Ion Ratio Lower Upper
75 100
77 33.8 26.6 39.8



#62
Bromoform
Concen: 25.13 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion:173 Resp: 64098
Ion Ratio Lower Upper
173 100
175 49.3 39.1 58.7
254 7.9 7.1 10.7

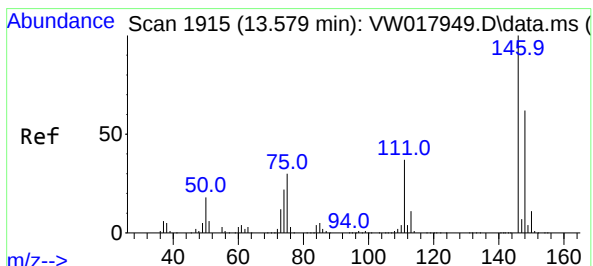
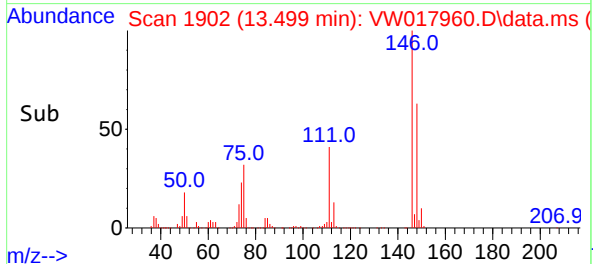
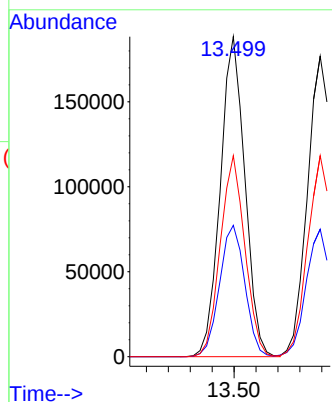
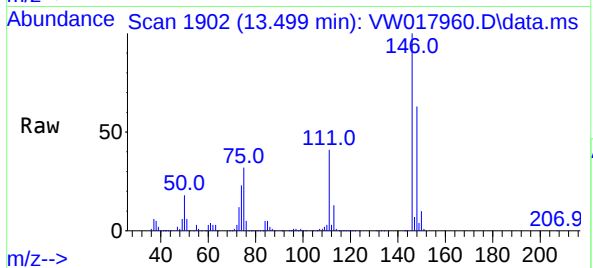




#63
1,3-Dichlorobenzene
Concen: 26.20 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

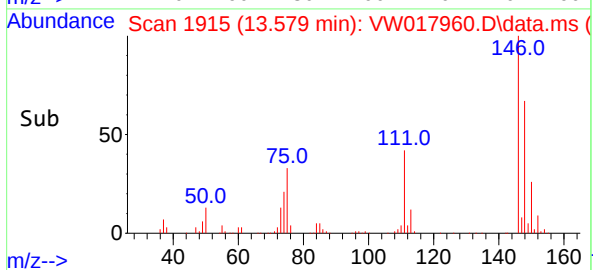
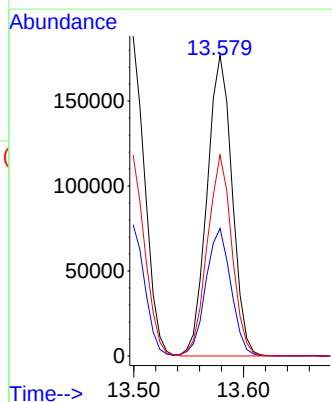
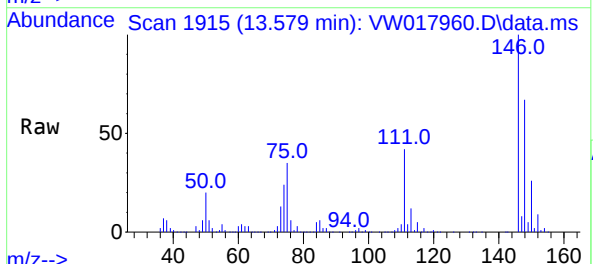
Instrument :
MSVOA_W
ClientSampled :

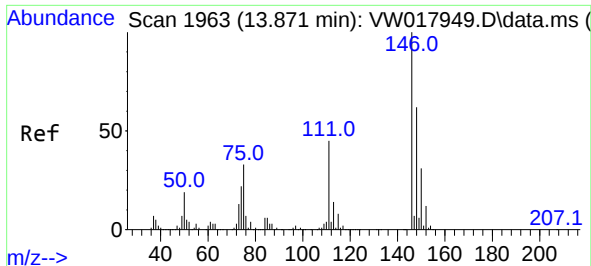
Tgt Ion:146 Resp: 293338
Ion Ratio Lower Upper
146 100
111 41.0 28.5 52.9
148 62.8 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 24.99 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion:146 Resp: 281322
Ion Ratio Lower Upper
146 100
111 42.4 27.7 51.5
148 66.9 47.0 87.2

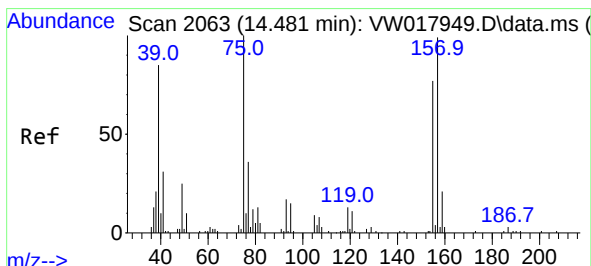
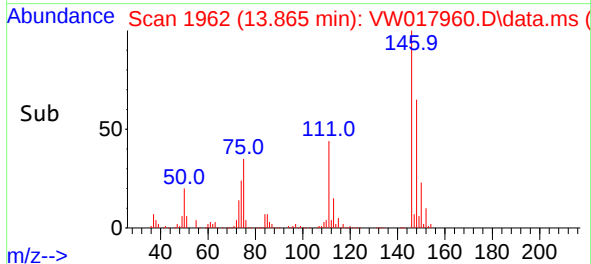
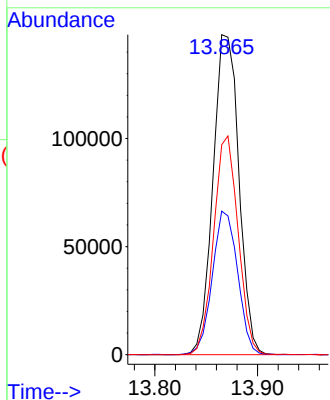
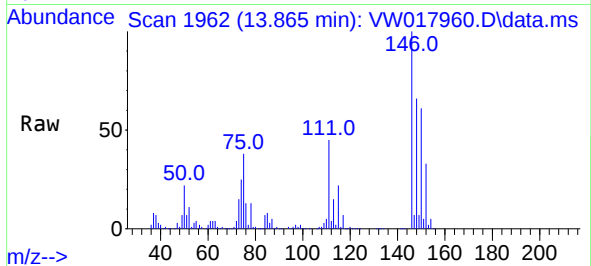




#65
1,2-Dichlorobenzene
Concen: 25.69 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

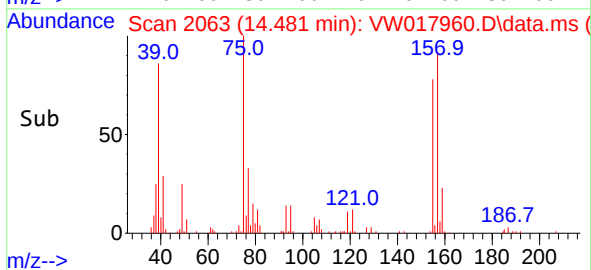
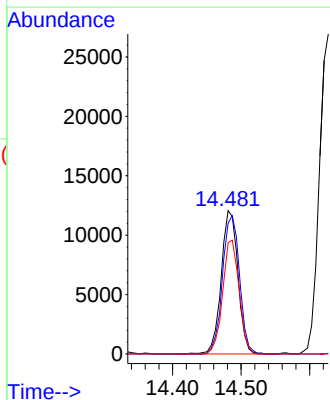
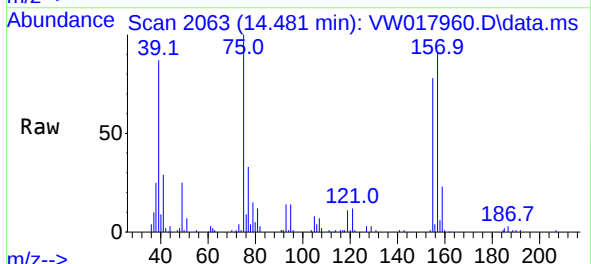
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:146 Resp: 259100
Ion Ratio Lower Upper
146 100
111 44.8 31.7 47.5
148 65.6 49.3 73.9

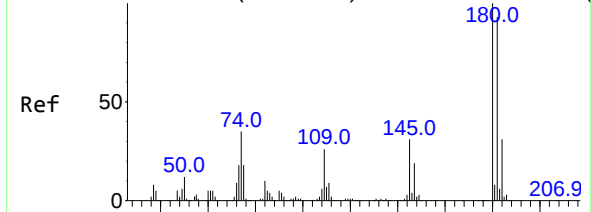


#66
1,2-Dibromo-3-chloropropane
Concen: 24.17 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion: 75 Resp: 20430
Ion Ratio Lower Upper
75 100
157 91.4 99.9 149.9#
155 77.6 71.4 107.0

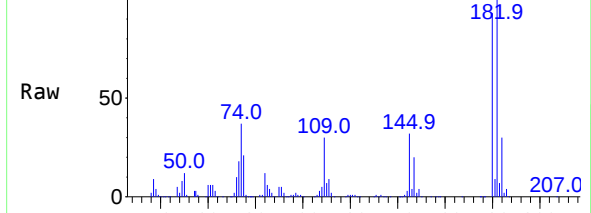


Abundance Scan 2087 (14.627 min): VW017949.D\data.ms (



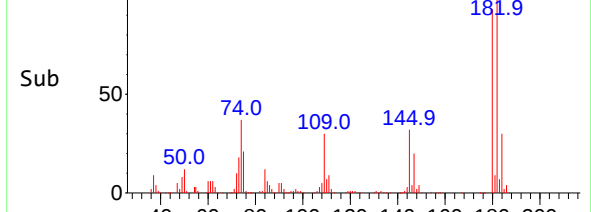
m/z-->

Abundance Scan 2087 (14.627 min): VW017960.D\data.ms



m/z-->

Abundance Scan 2087 (14.627 min): VW017960.D\data.ms (



m/z-->

#67

1,3,5-Trichlorobenzene

Concen: 25.57 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

Lab File: VW017960.D

Acq: 19 Jan 2021 16:21

Tgt Ion:180 Resp: 200101

Ion Ratio Lower Upper

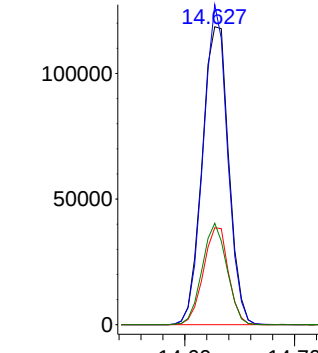
180 100

182 98.4 77.0 115.6

184 30.8 24.2 36.4

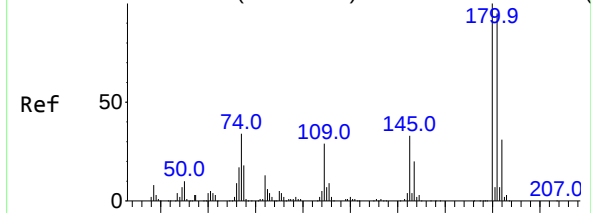
145 31.7 23.5 35.3

Abundance



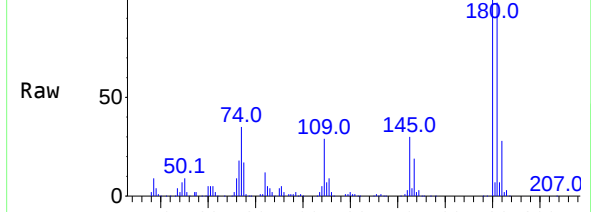
Time-->

Abundance Scan 2170 (15.133 min): VW017949.D\data.ms (



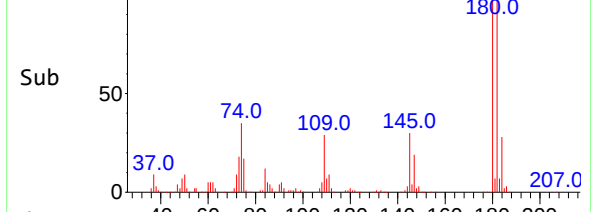
m/z-->

Abundance Scan 2170 (15.133 min): VW017960.D\data.ms



m/z-->

Abundance Scan 2170 (15.133 min): VW017960.D\data.ms (



m/z-->

#68

1,2,4-trichlorobenzene

Concen: 25.02 ug/L

RT: 15.133 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VW017960.D

Acq: 19 Jan 2021 16:21

Tgt Ion:180 Resp: 167105

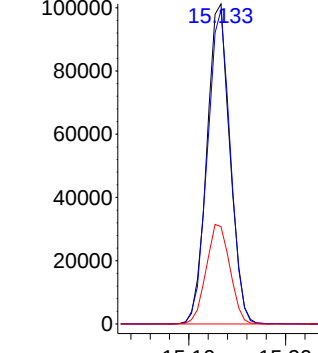
Ion Ratio Lower Upper

180 100

182 97.5 71.3 106.9

145 32.0 24.0 36.0

Abundance

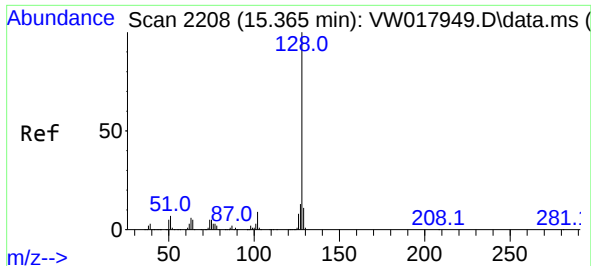


Time-->

Instrument :

MSVOA_W

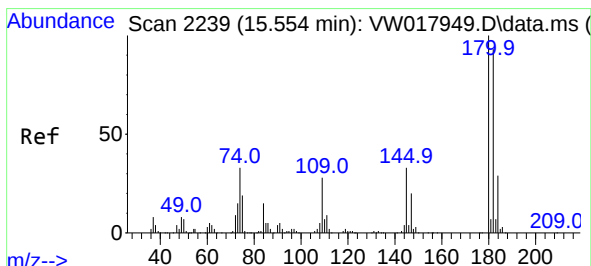
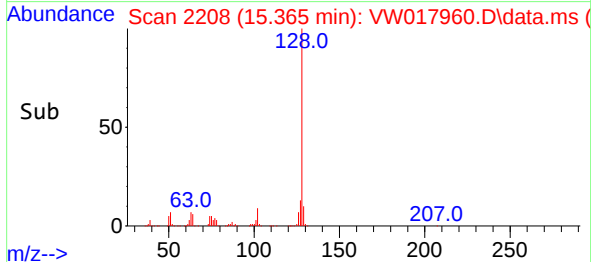
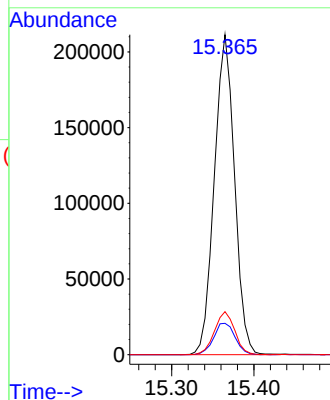
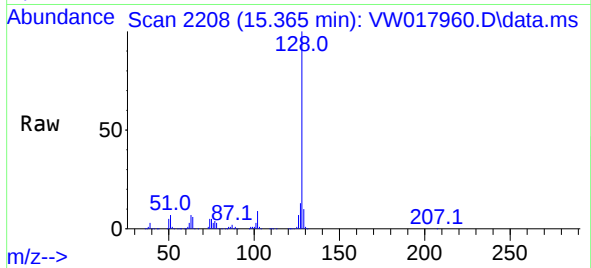
ClientSampled :



#69
Naphthalene
Concen: 25.26 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 361019
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 13.5 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.36 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017960.D
Acq: 19 Jan 2021 16:21

Tgt Ion:180 Resp: 147702
Ion Ratio Lower Upper
180 100
182 93.6 74.7 112.1
145 32.8 25.4 38.0

