

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018616.D
 Acq On : 09 Apr 2021 15:45
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 10 01:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 10 01:10:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	462873	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	425981	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	224520	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	126185	19.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.36%
7) Chloroethane-d5	2.892	69	115373	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.84%
10) 1,1-Dichloroethene-d2	4.019	63	233034	20.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.80%
20) 2-Butanone-d5	7.080	46	71002	49.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.02%
24) Chloroform-d	7.647	84	270304	22.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.72%
26) 1,2-Dichloroethane-d4	8.305	65	152508	22.16	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.64%
29) Benzene-d6	8.275	84	471060	20.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.20%
33) 1,2-Dichloropropane-d6	9.275	67	145013	22.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.80%
37) Toluene-d8	10.323	98	449592	20.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.48%
38) trans-1,3-Dichloroprop...	10.579	79	68944	20.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.84%
39) 2-Hexanone-d5	10.927	63	59464	46.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.04%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	145199	24.85	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.40%
61) 1,2-Dichlorobenzene-d4	13.853	152	168828	21.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	124771	23.47	ug/L	99
3) Chloromethane	2.215	50	163834	24.45	ug/L	97
5) Vinyl chloride	2.367	62	232012	26.37	ug/L	99
6) Bromomethane	2.782	94	163434	25.72	ug/L	100
8) Chloroethane	2.928	64	149668	27.28	ug/L	97
9) Trichlorofluoromethane	3.263	101	138391	31.26	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	167299	29.39	ug/L #	87
12) 1,1-Dichloroethene	4.044	96	162649	27.99	ug/L	91
13) Acetone	4.129	43	58200	56.49	ug/L	99
14) Carbon disulfide	4.385	76	462659	26.44	ug/L	100
15) Methyl Acetate	4.672	43	65639	27.86	ug/L	95
16) Methylene chloride	4.916	84	175434	23.11	ug/L	93
17) Methyl tert-butyl Ether	5.428	73	220290	25.95	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	172251	26.85	ug/L	100
19) 1,1-Dichloroethane	6.214	63	295198	26.97	ug/L	97
21) 2-Butanone	7.171	43	88984	54.37	ug/L	97
22) cis-1,2-Dichloroethene	7.171	96	183234	27.16	ug/L	99
23) Bromochloromethane	7.513	128	83520	27.97	ug/L	85
25) Chloroform	7.677	83	323536	27.85	ug/L	98

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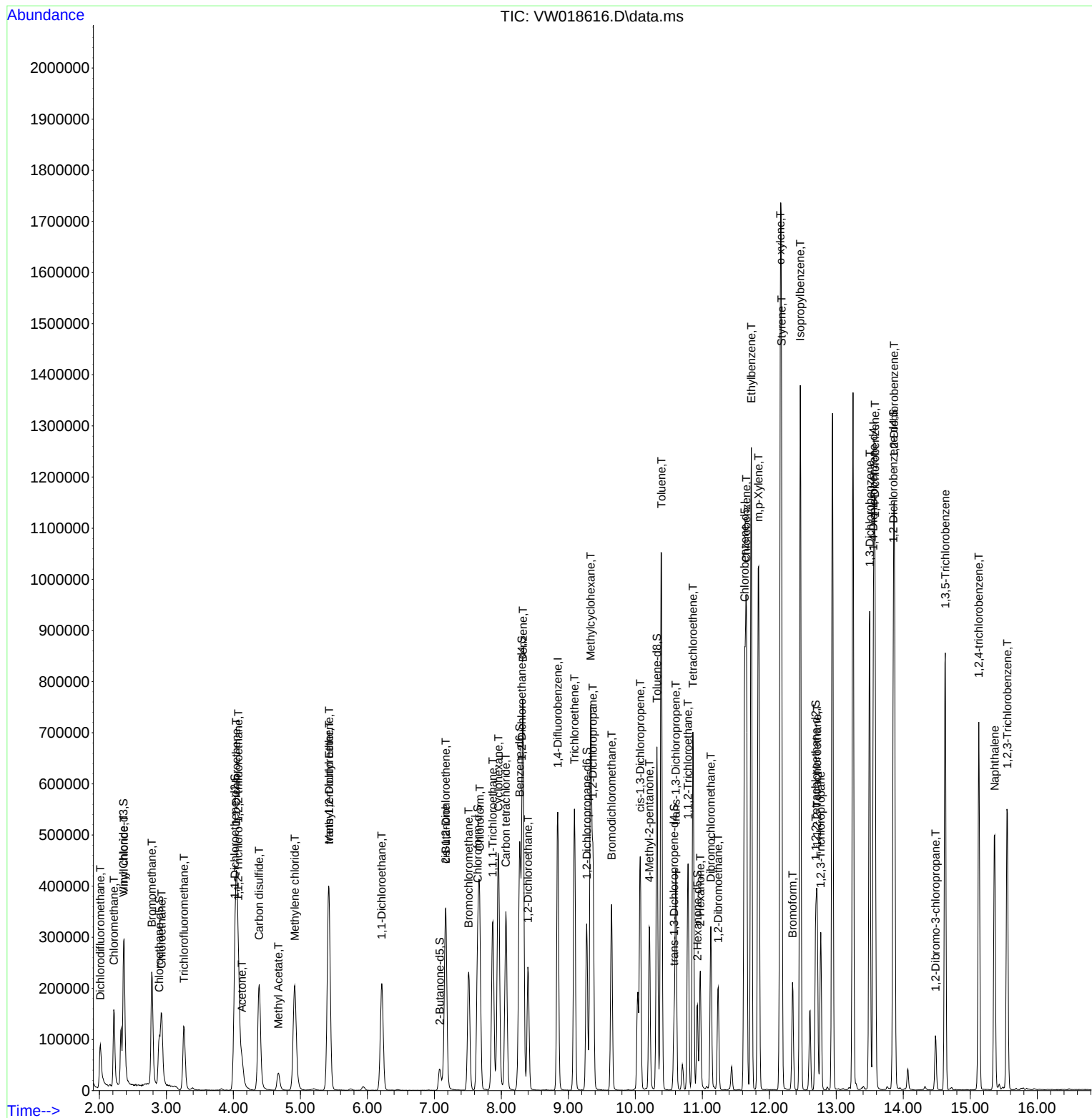
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	219186	26.60	ug/L	99
30) Cyclohexane	7.958	56	264824	26.19	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	269971	28.36	ug/L	99
32) Carbon tetrachloride	8.067	117	262094	29.54	ug/L	95
34) Benzene	8.323	78	684427	27.74	ug/L	100
35) Trichloroethene	9.092	95	191339	28.07	ug/L	97
36) Methylcyclohexane	9.335	83	325208	27.25	ug/L	99
40) 1,2-Dichloropropane	9.366	63	163071	27.02	ug/L	98
41) Bromodichloromethane	9.646	83	236033	27.67	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	268456	26.31	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	199230	54.90	ug/L	95
44) Toluene	10.390	91	786399	28.04	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	240062	26.20	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	135618	28.18	ug/L	97
47) Tetrachloroethene	10.860	164	147769	28.55	ug/L	93
49) 2-Hexanone	10.969	43	142019	55.30	ug/L	96
50) Dibromochloromethane	11.128	129	163727	28.86	ug/L	90
51) 1,2-Dibromoethane	11.238	107	134522	28.23	ug/L	99
52) Chlorobenzene	11.658	112	488302	27.46	ug/L	98
53) Ethylbenzene	11.731	91	872041	27.58	ug/L	100
54) m,p-Xylene	11.841	106	323768	26.79	ug/L	99
55) o-xylene	12.164	106	313858	27.25	ug/L	94
56) Styrene	12.183	104	526677	26.81	ug/L	95
57) Isopropylbenzene	12.463	105	873415	27.88	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	163924	28.15	ug/L	95
59) 1,2,3-Trichloropropane	12.768	75	123434	28.07	ug/L	99
62) Bromoform	12.347	173	90487	26.28	ug/L #	95
63) 1,3-Dichlorobenzene	13.499	146	375572	26.13	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	376195	25.94	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	338212	26.33	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	25381	21.87	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.627	180	259731	25.06	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	207543	23.54	ug/L	92
69) Naphthalene	15.365	128	430111	23.43	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	186420	24.23	ug/L	98

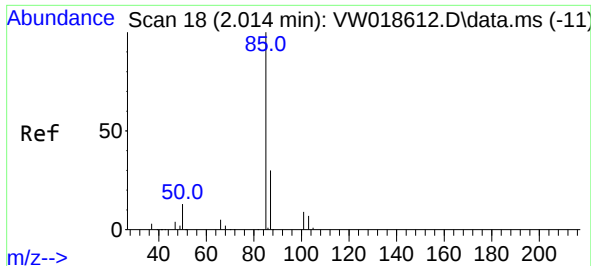
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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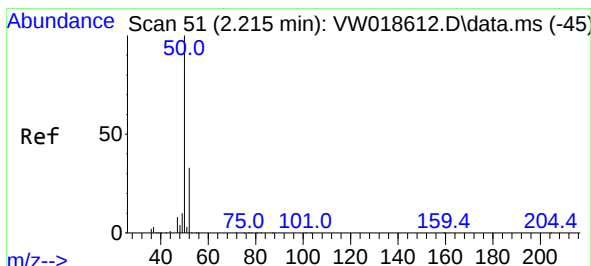
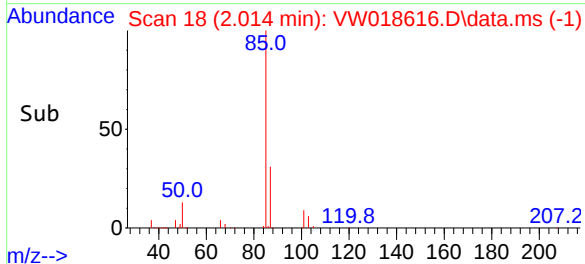
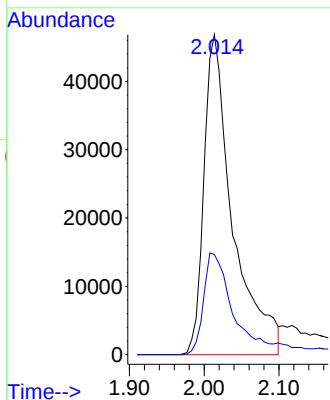
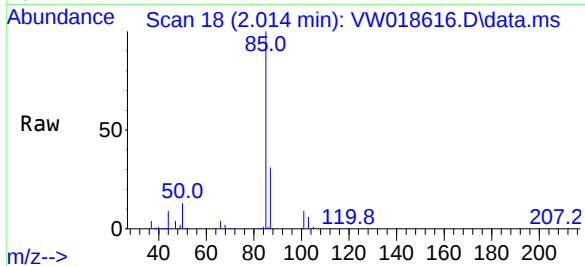




#2
Dichlorodifluoromethane
Concen: 23.47 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

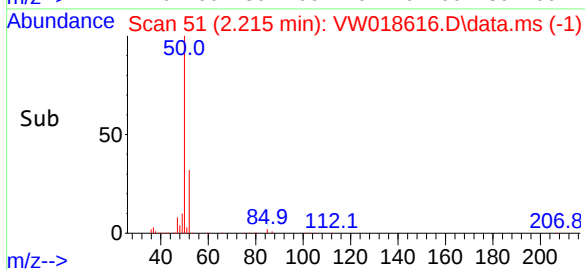
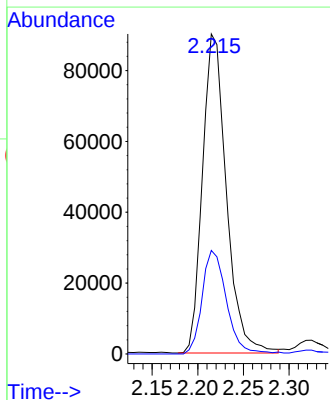
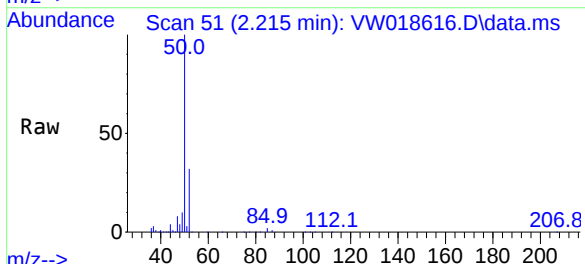
Instrument :
MSVOA_W
ClientSampled :

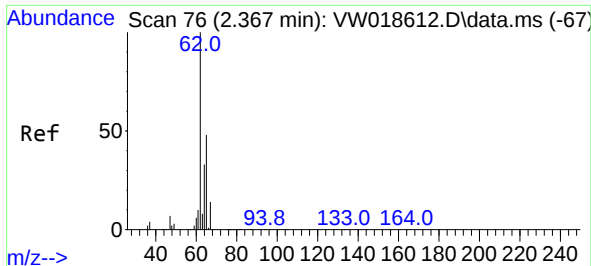
Tgt Ion: 85 Resp: 124771
Ion Ratio Lower Upper
85 100
87 32.5 22.2 41.2



#3
Chloromethane
Concen: 24.45 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 50 Resp: 163834
Ion Ratio Lower Upper
50 100
52 32.4 23.7 43.9

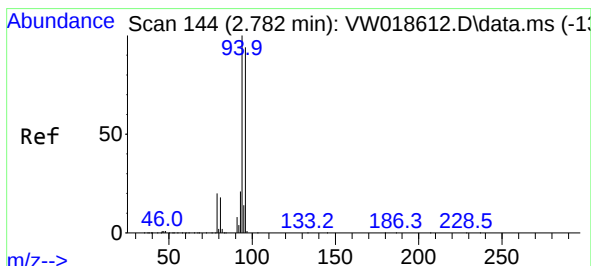
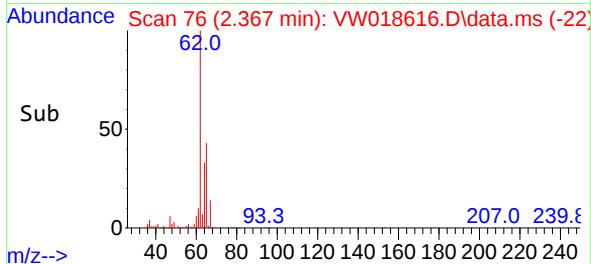
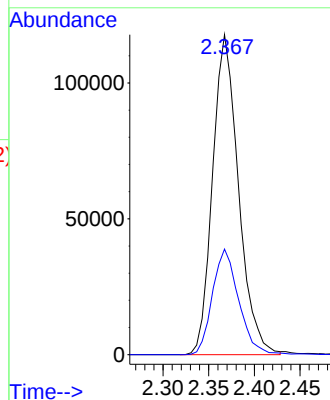
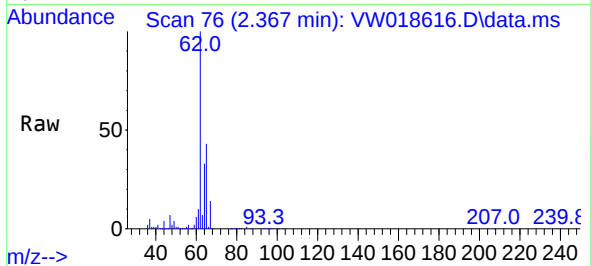




#5
 Vinyl chloride
 Concen: 26.37 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018616.D
 Acq: 09 Apr 2021 15:45

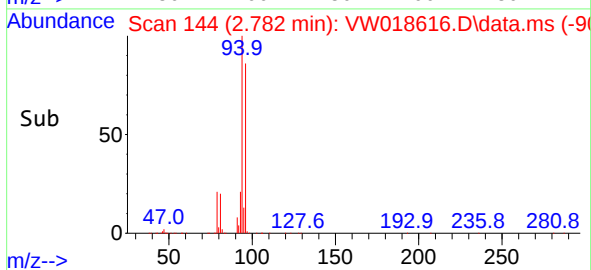
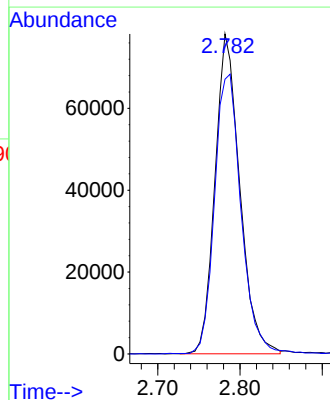
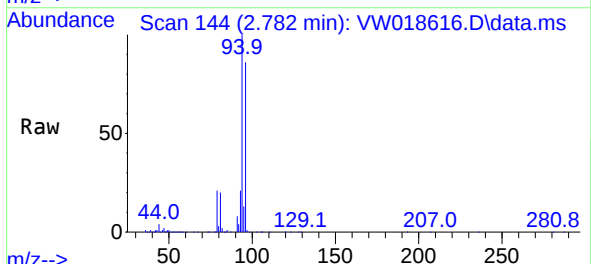
Instrument :
 MSVOA_W
 ClientSampled :

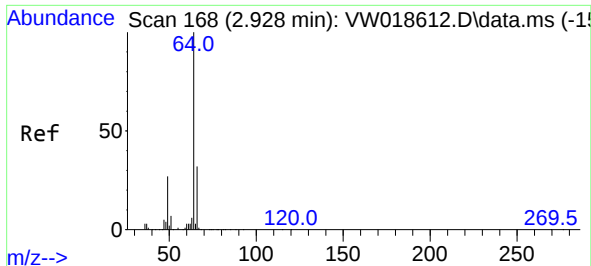
Tgt Ion: 62 Resp: 232012
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.5 43.7



#6
 Bromomethane
 Concen: 25.72 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018616.D
 Acq: 09 Apr 2021 15:45

Tgt Ion: 94 Resp: 163434
 Ion Ratio Lower Upper
 94 100
 96 94.0 9.4 179.4

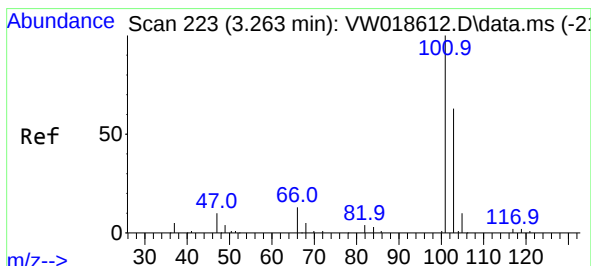
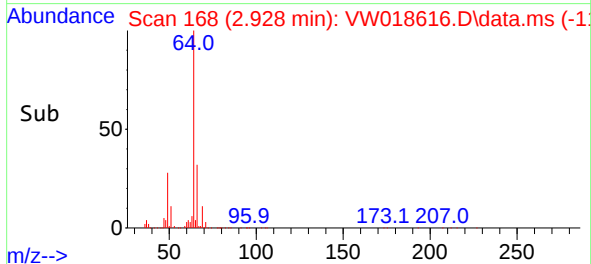
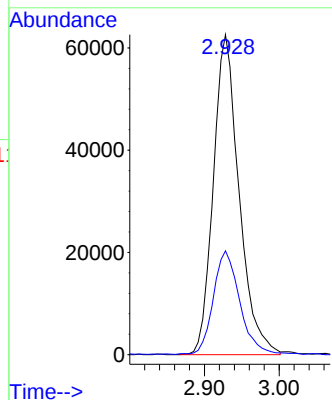
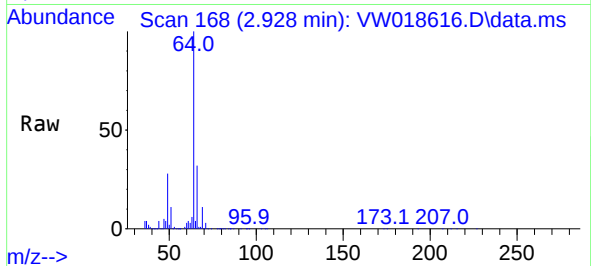




#8
Chloroethane
Concen: 27.28 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

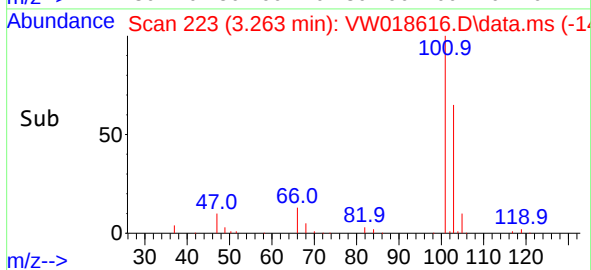
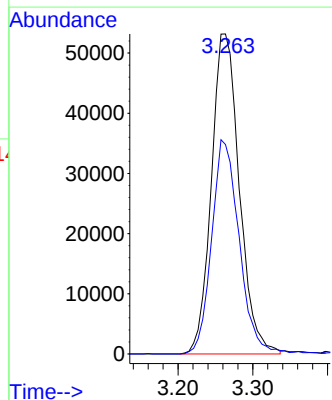
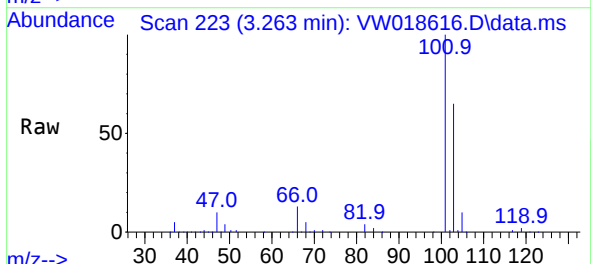
Instrument :
MSVOA_W
ClientSampled :

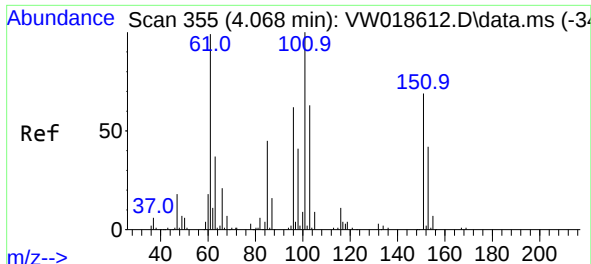
Tgt Ion: 64 Resp: 149668
Ion Ratio Lower Upper
64 100
66 32.4 21.6 40.0



#9
Trichlorofluoromethane
Concen: 31.26 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 101 Resp: 138391
Ion Ratio Lower Upper
101 100
103 65.7 45.6 84.8

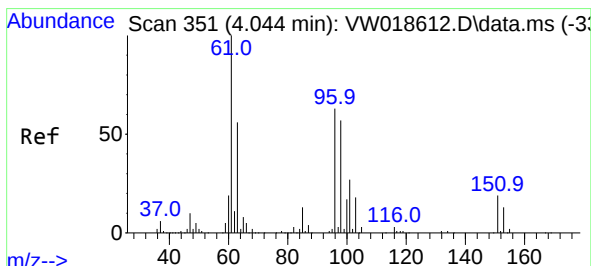
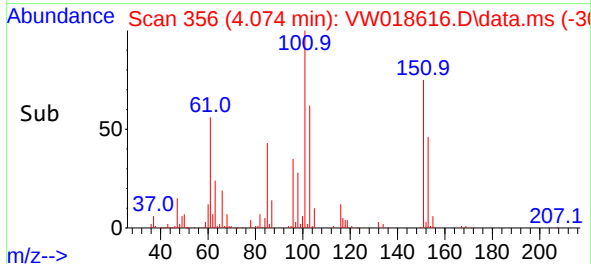
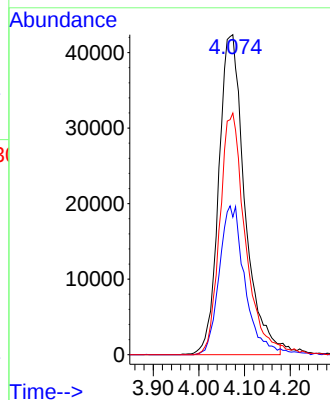
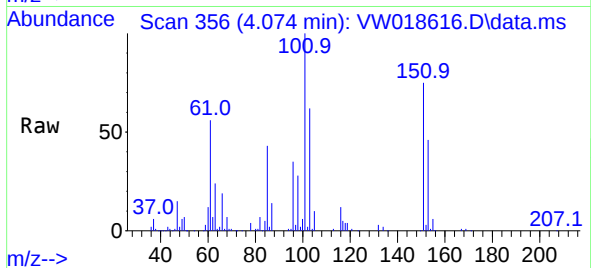




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 29.39 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

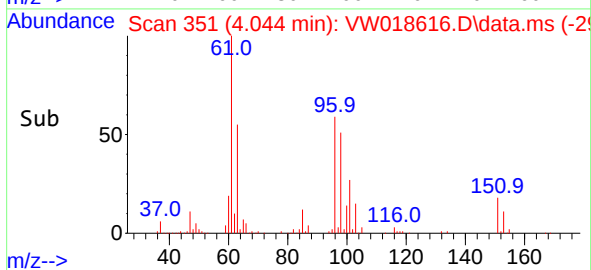
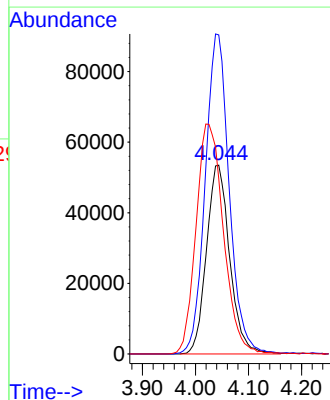
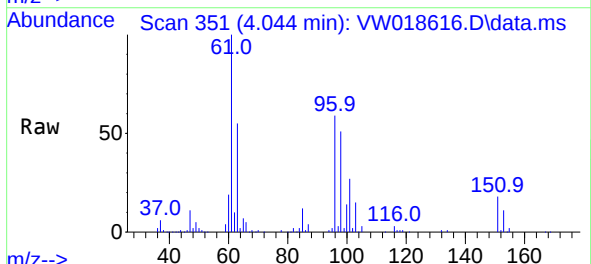
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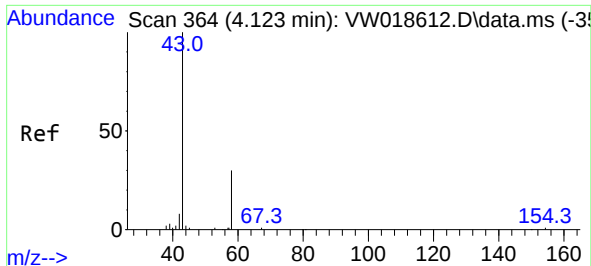
Tgt Ion:101 Resp: 167299
Ion Ratio Lower Upper
101 100
85 25.4 35.6 53.4#
151 74.4 58.1 87.1



#12
1,1-Dichloroethene
Concen: 27.99 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 96 Resp: 162649
Ion Ratio Lower Upper
96 100
61 169.0 118.6 220.2
63 92.8 82.4 153.0

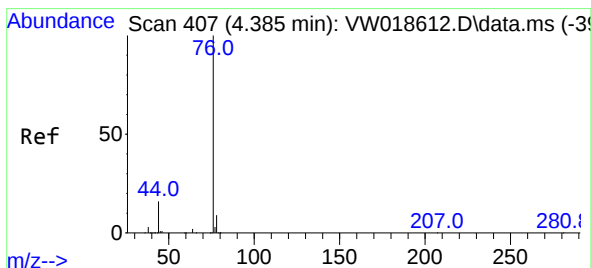
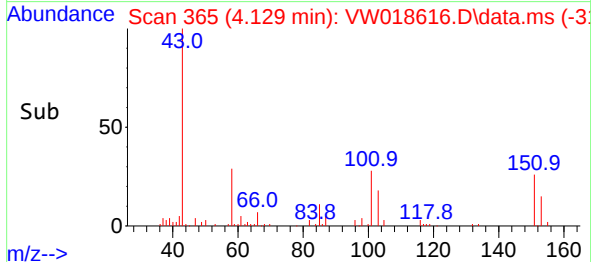
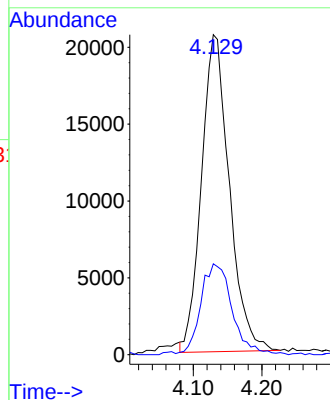
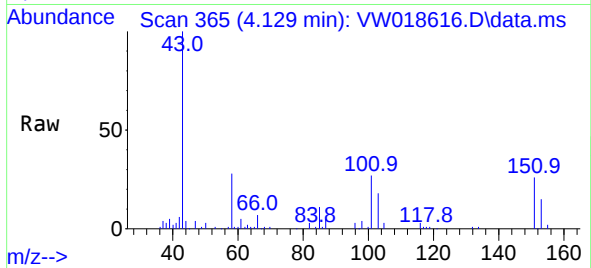




#13
Acetone
Concen: 56.49 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

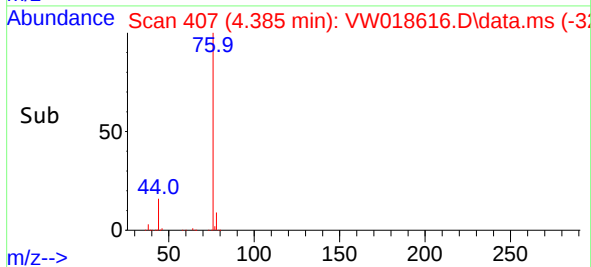
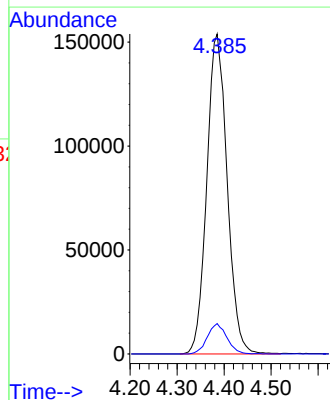
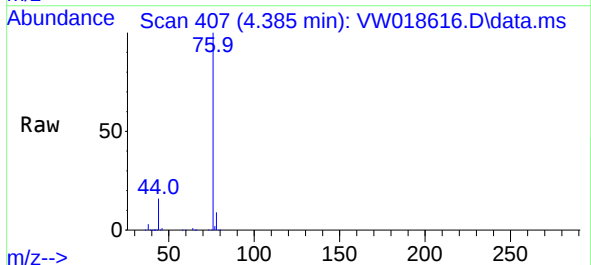
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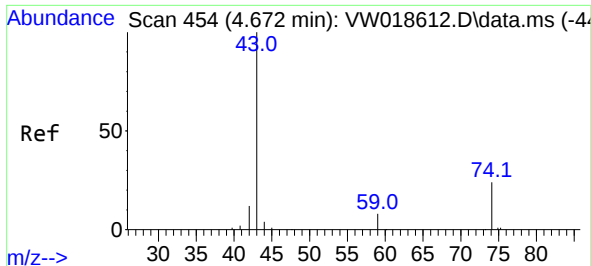
Tgt Ion: 43 Resp: 58200
Ion Ratio Lower Upper
43 100
58 31.7 0.0 62.2



#14
Carbon disulfide
Concen: 26.44 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018616.D
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Tgt Ion: 76 Resp: 462659
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

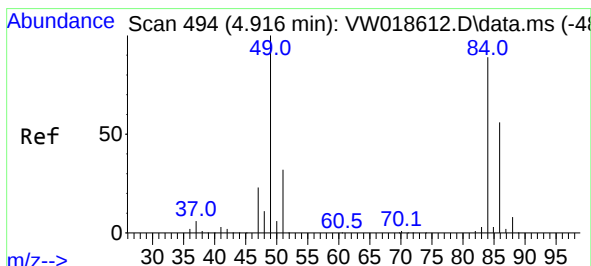
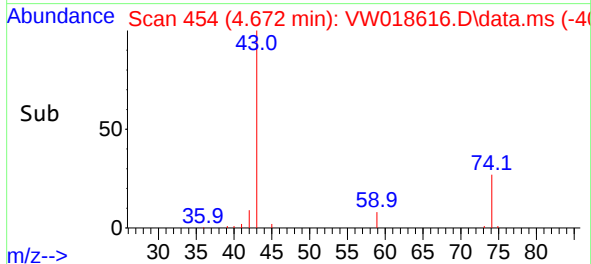
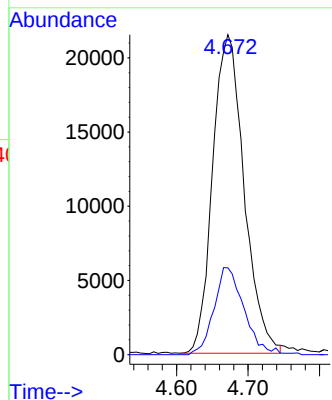
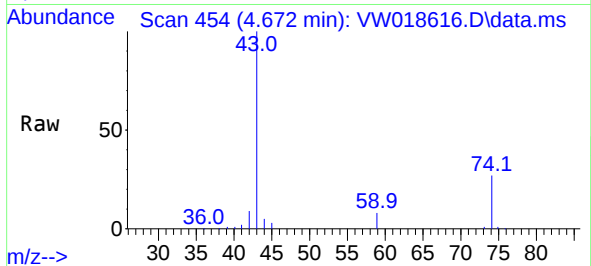




#15
Methyl Acetate
Concen: 27.86 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

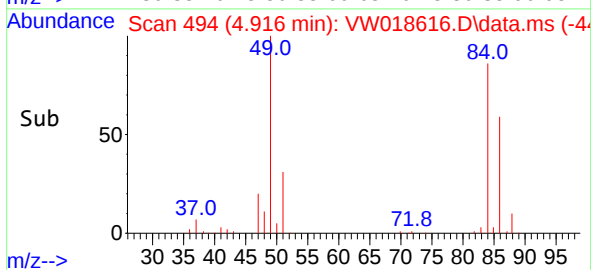
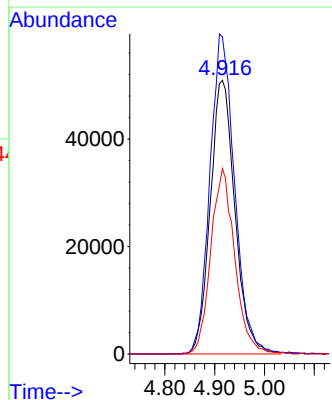
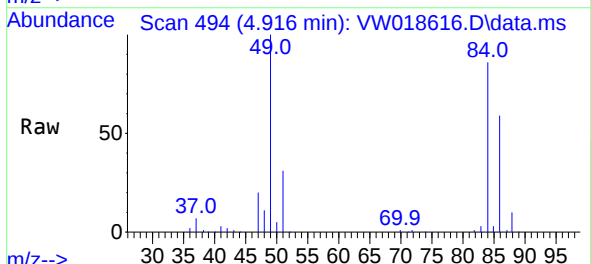
Instrument :
MSVOA_W
ClientSampled :

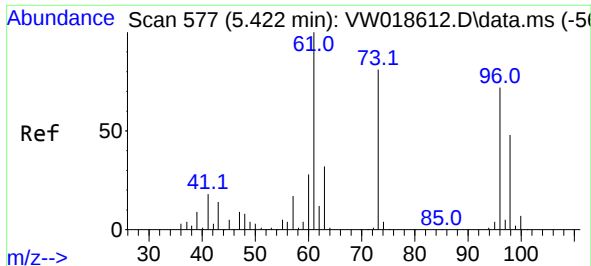
Tgt Ion: 43 Resp: 65639
Ion Ratio Lower Upper
43 100
74 25.7 22.9 34.3



#16
Methylene chloride
Concen: 23.11 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 84 Resp: 175434
Ion Ratio Lower Upper
84 100
49 115.8 74.4 138.2
86 67.7 46.1 85.7





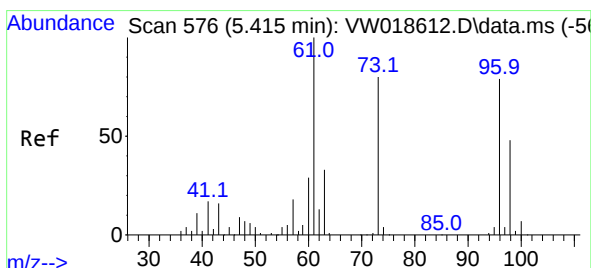
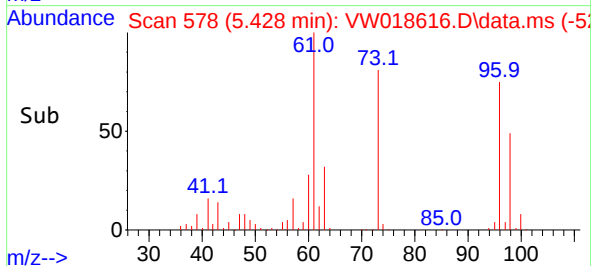
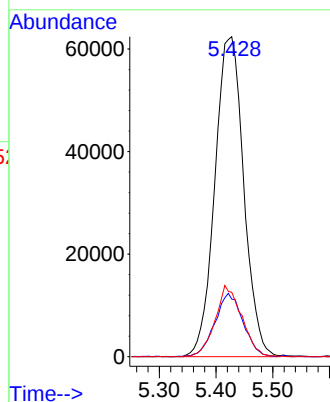
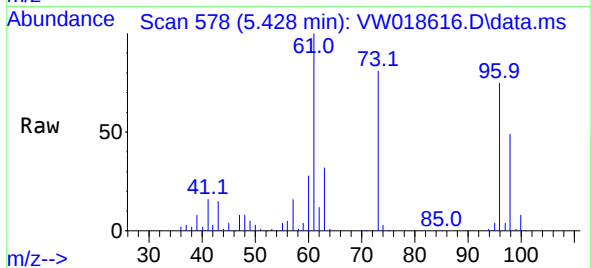
#17

Methyl tert-butyl Ether
Concen: 25.95 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 73 Resp: 220290

Ion	Ratio	Lower	Upper
73	100		
43	19.3	16.6	24.8
57	20.5	15.9	23.9

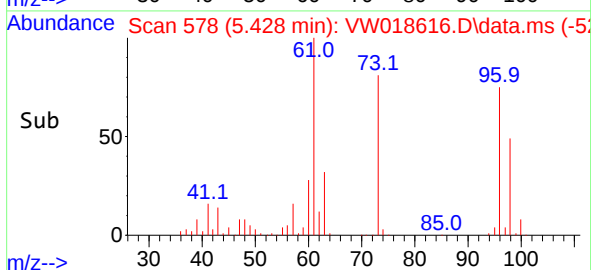
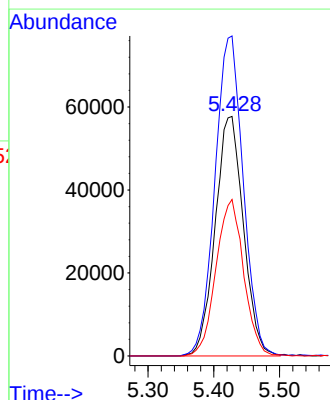
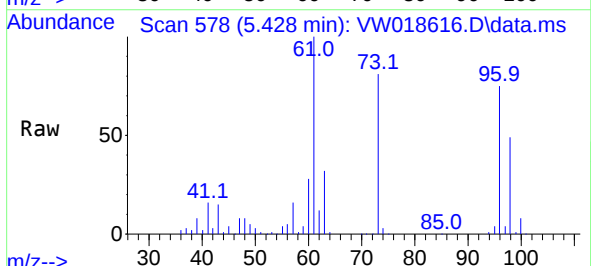


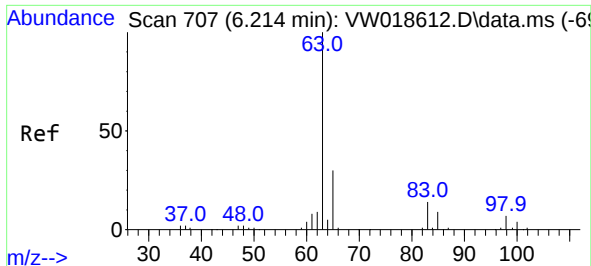
#18

trans-1,2-Dichloroethene
Concen: 26.85 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.012 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 96 Resp: 172251

Ion	Ratio	Lower	Upper
96	100		
61	133.6	93.3	173.3
98	65.3	45.2	84.0





#19

1,1-Dichloroethane

Concen: 26.97 ug/L

RT: 6.214 min Scan# 707

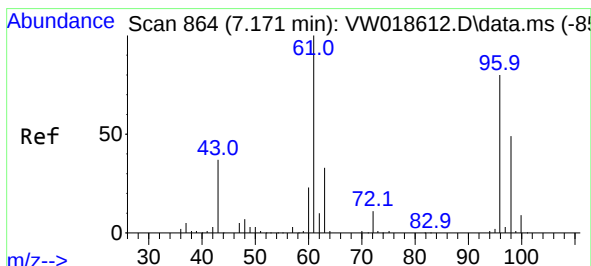
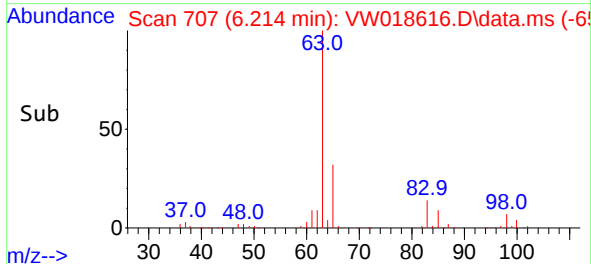
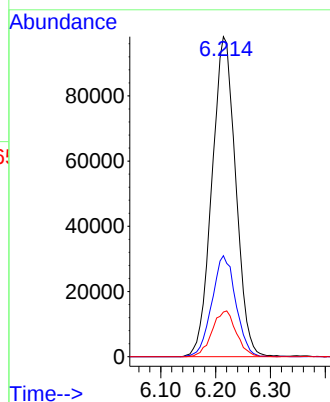
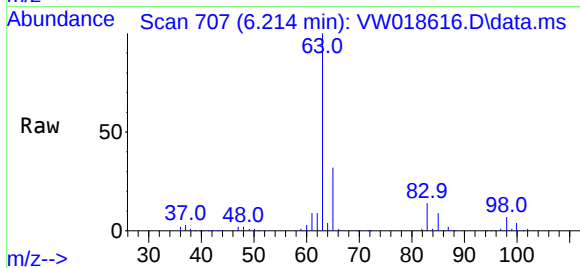
Delta R.T. -0.000 min

Lab File: VW018616.D

Acq: 09 Apr 2021 15:45

Tgt Ion: 63 Resp: 295198

Ion	Ratio	Lower	Upper
63	100		
65	31.5	23.5	43.7
83	13.9	10.3	19.1



#21

2-Butanone

Concen: 54.37 ug/L

RT: 7.171 min Scan# 864

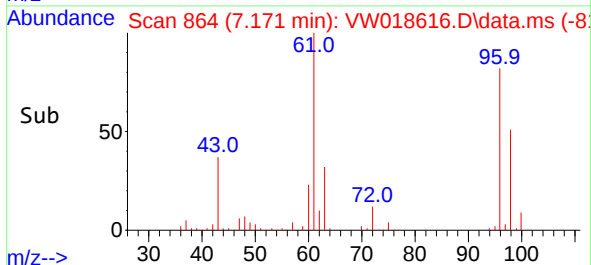
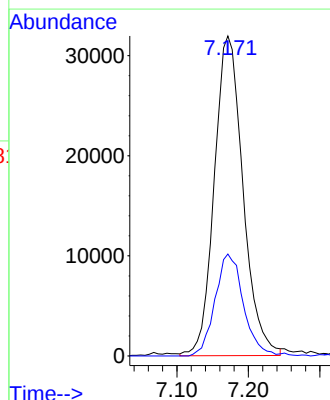
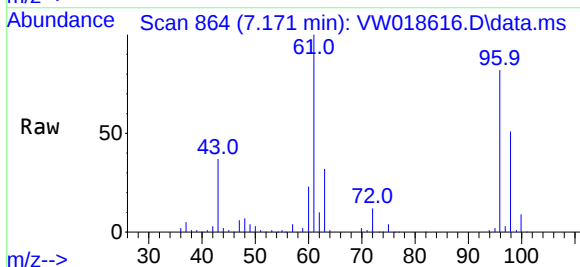
Delta R.T. -0.000 min

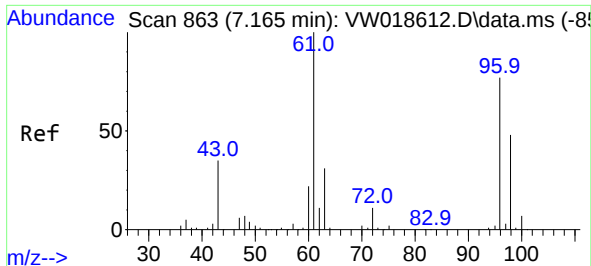
Lab File: VW018616.D

Acq: 09 Apr 2021 15:45

Tgt Ion: 43 Resp: 88984

Ion	Ratio	Lower	Upper
43	100		
72	31.4	16.5	49.5

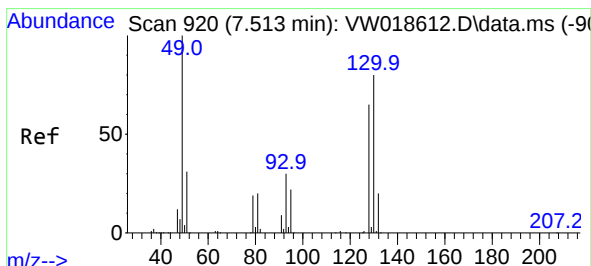
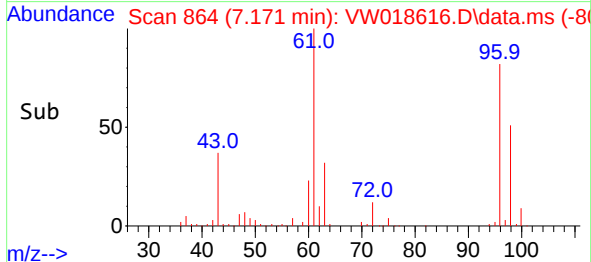
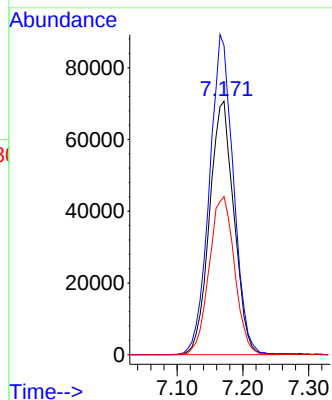
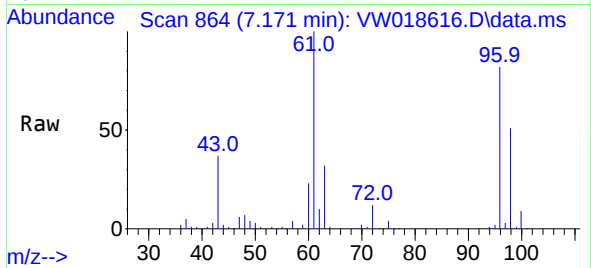




#22
cis-1,2-Dichloroethene
Concen: 27.16 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

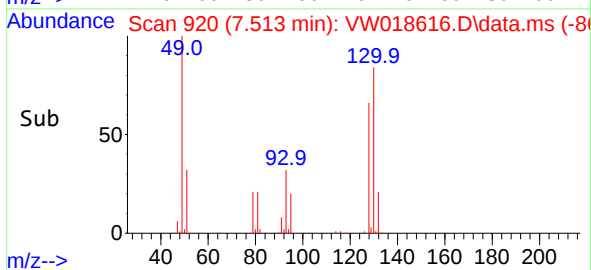
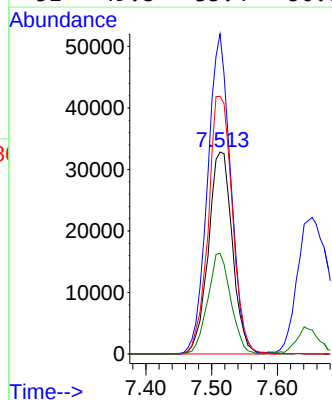
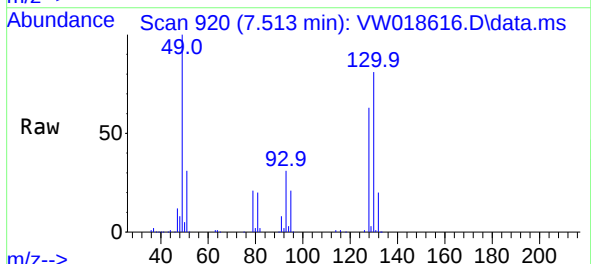
Instrument :
MSVOA_W
ClientSampled :

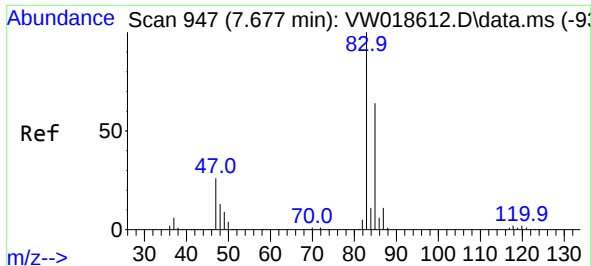
Tgt Ion: 96 Resp: 183234
Ion Ratio Lower Upper
96 100
61 121.9 84.8 157.6
98 62.4 45.1 83.9



#23
Bromochloromethane
Concen: 27.97 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 128 Resp: 83520
Ion Ratio Lower Upper
128 100
49 158.5 92.4 171.6
130 127.6 83.9 155.7
51 49.8 33.4 50.0





#25

Chloroform

Concen: 27.85 ug/L

RT: 7.677 min Scan# 947

Delta R.T. -0.000 min

Lab File: VW018616.D

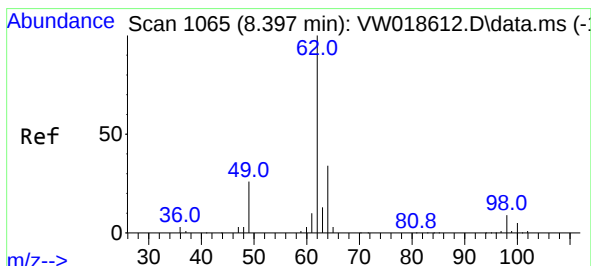
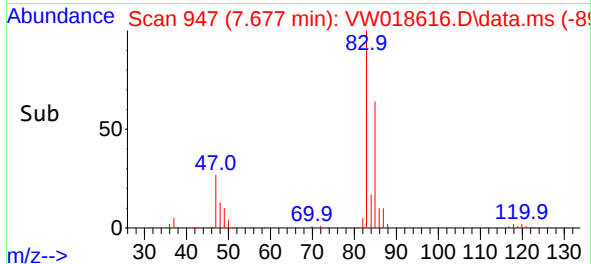
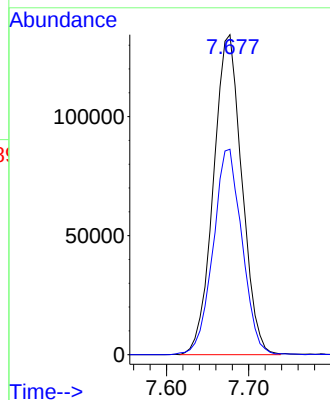
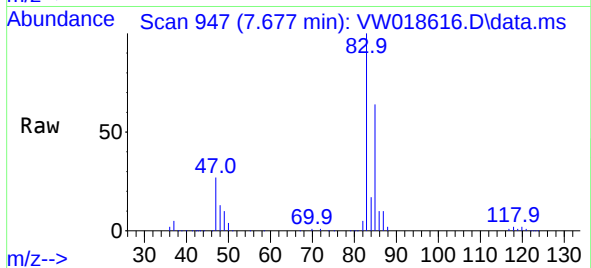
Acq: 09 Apr 2021 15:45

Tgt Ion: 83 Resp: 323536

Ion Ratio Lower Upper

83 100

85 65.1 46.4 86.2



#27

1,2-Dichloroethane

Concen: 26.60 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW018616.D

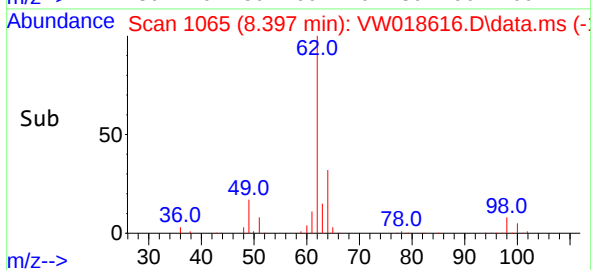
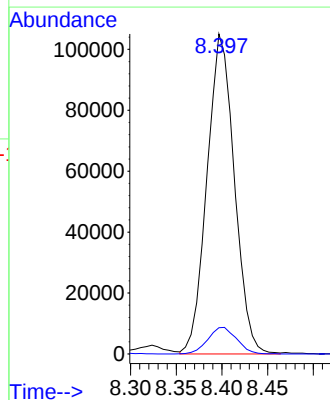
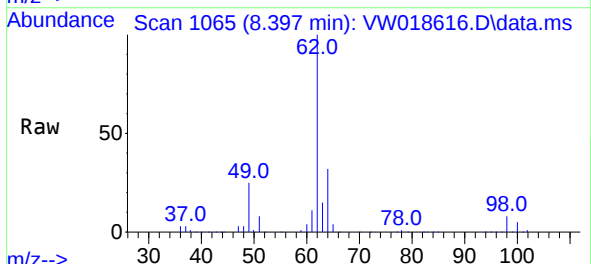
Acq: 09 Apr 2021 15:45

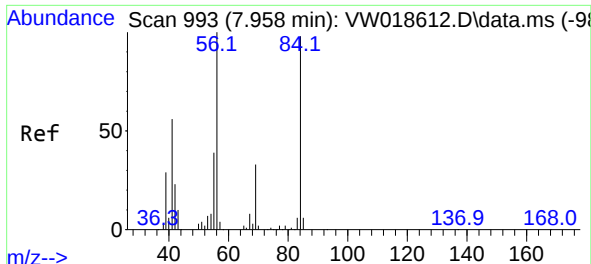
Tgt Ion: 62 Resp: 219186

Ion Ratio Lower Upper

62 100

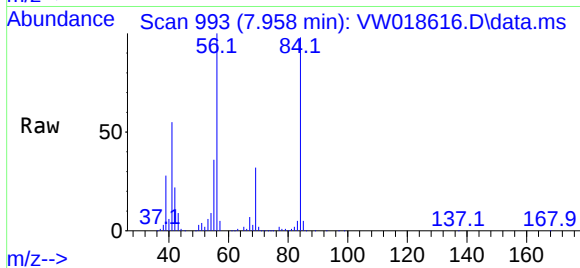
98 8.2 6.4 9.6



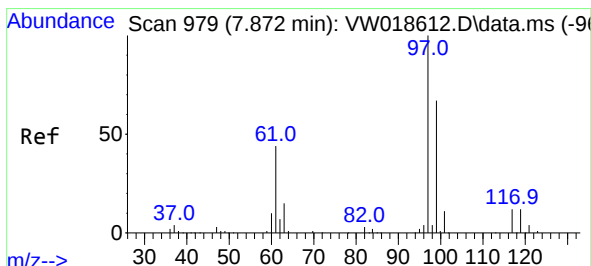
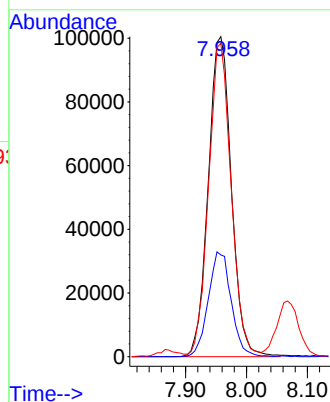
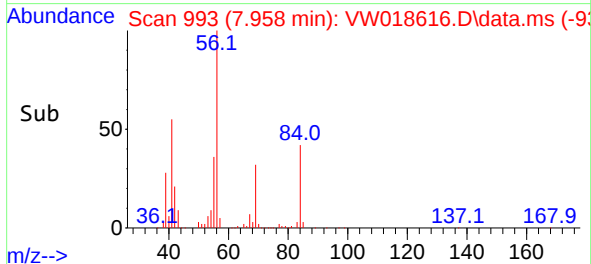


#30
Cyclohexane
Concen: 26.19 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

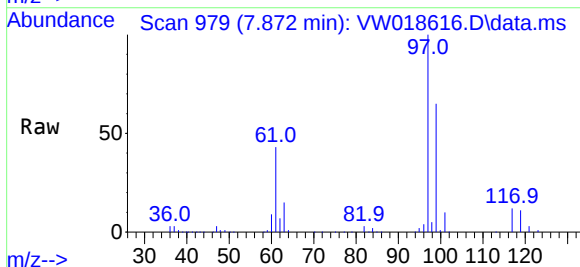
Instrument :
MSVOA_W
ClientSampled :



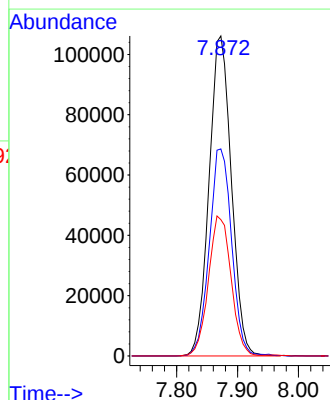
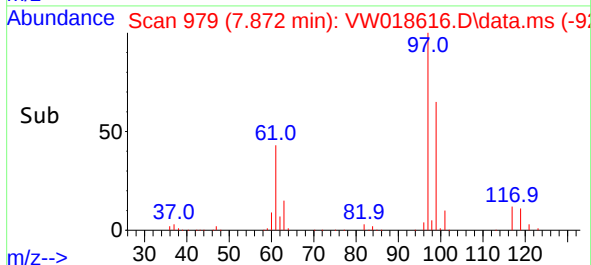
Tgt Ion: 56 Resp: 264824
Ion Ratio Lower Upper
56 100
69 32.5 27.0 40.6
84 95.6 79.9 119.9

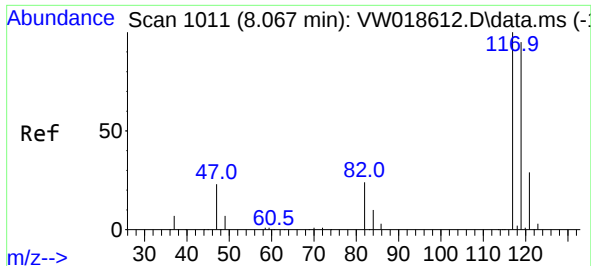


#31
1,1,1-Trichloroethane
Concen: 28.36 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45



Tgt Ion: 97 Resp: 269971
Ion Ratio Lower Upper
97 100
99 64.7 51.7 77.5
61 44.4 34.8 52.2

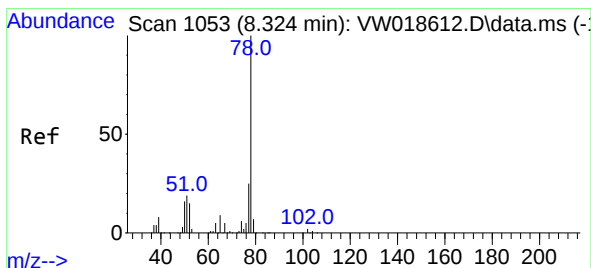
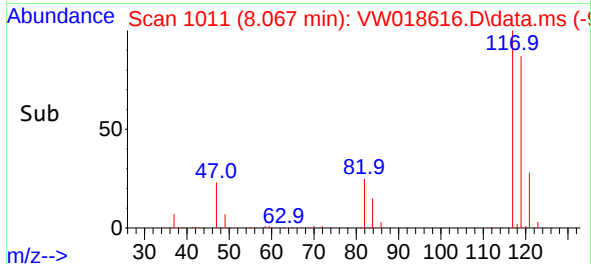
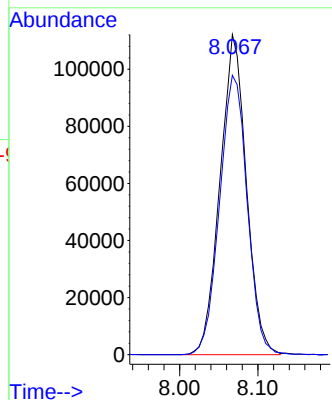
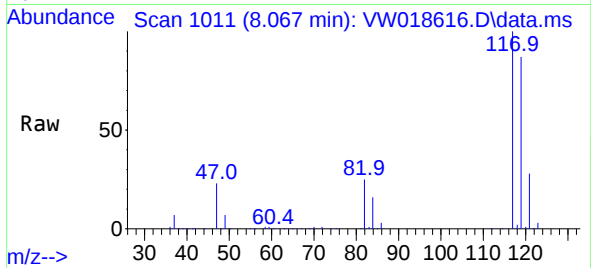




#32
Carbon tetrachloride
Concen: 29.54 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

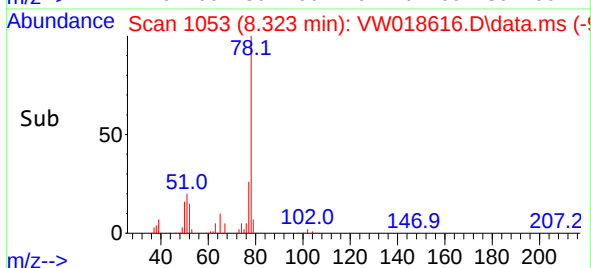
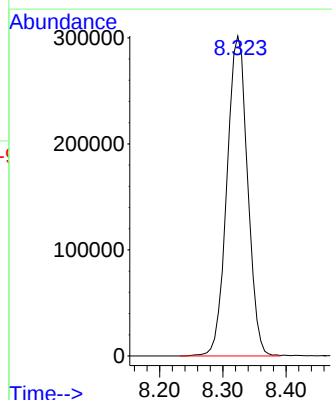
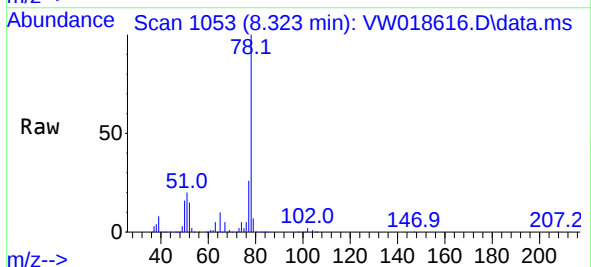
Instrument :
MSVOA_W
ClientSampled :

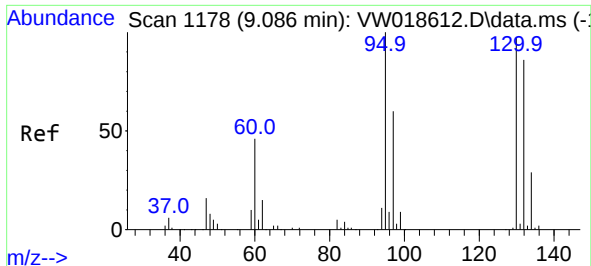
Tgt Ion:117 Resp: 262094
Ion Ratio Lower Upper
117 100
119 91.4 76.7 115.1



#34
Benzene
Concen: 27.74 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 78 Resp: 684427

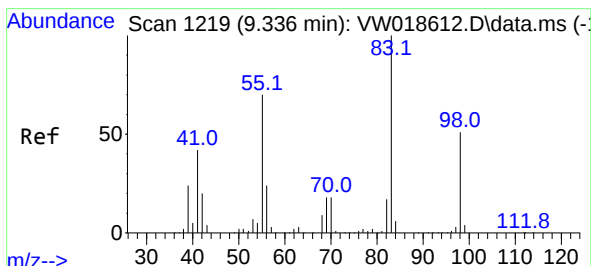
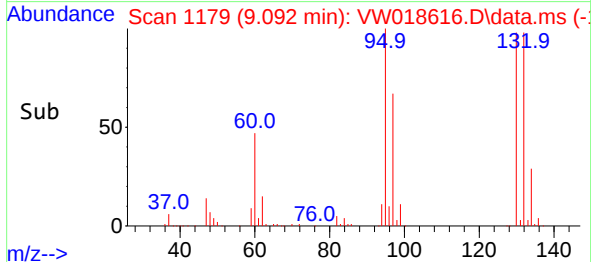
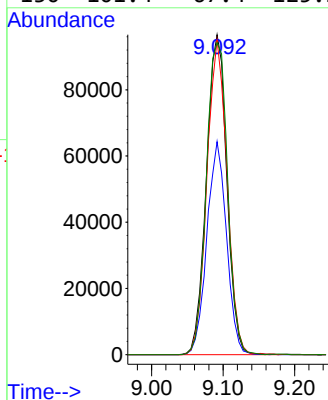
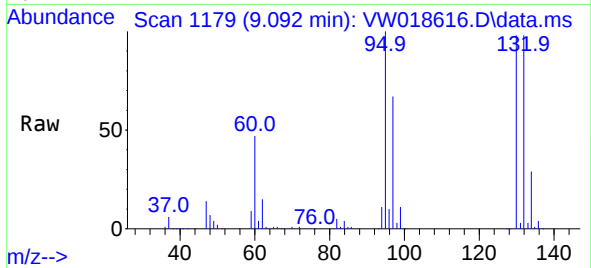




#35
Trichloroethene
Concen: 28.07 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

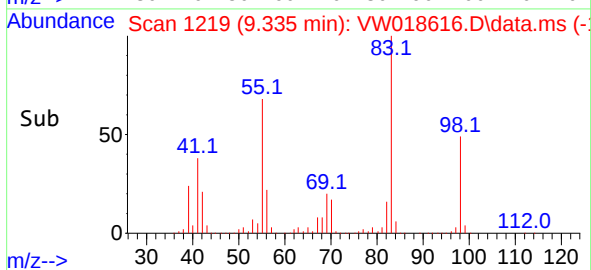
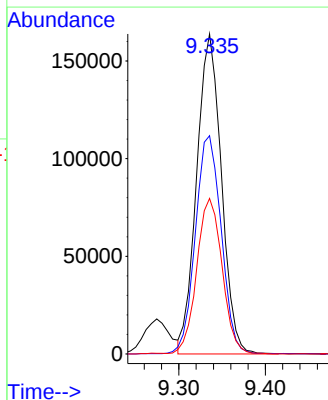
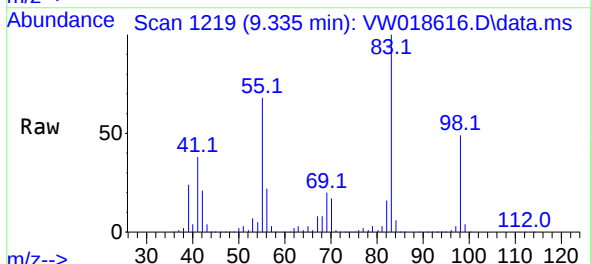
Instrument :
MSVOA_W
ClientSampled :

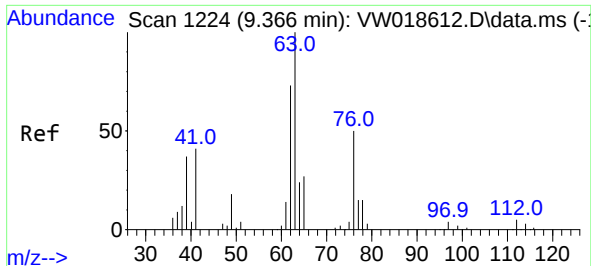
Tgt Ion: 95 Resp: 191339
Ion Ratio Lower Upper
95 100
97 64.2 44.4 82.4
132 97.1 65.9 122.5
130 101.4 67.4 125.2



#36
Methylcyclohexane
Concen: 27.25 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 83 Resp: 325208
Ion Ratio Lower Upper
83 100
55 71.3 56.8 85.2
98 50.0 40.6 61.0

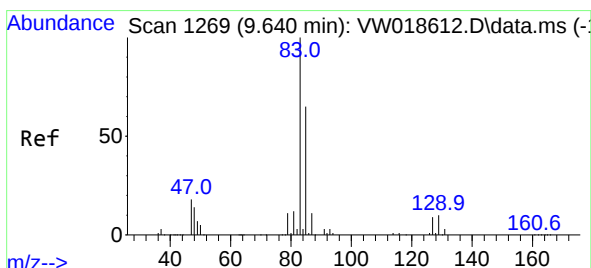
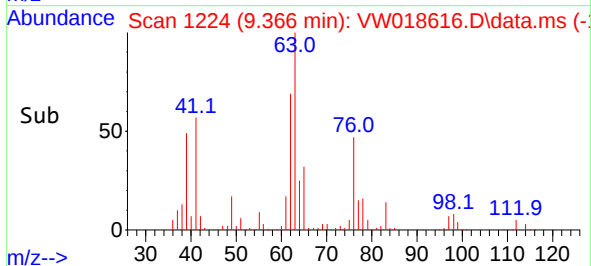
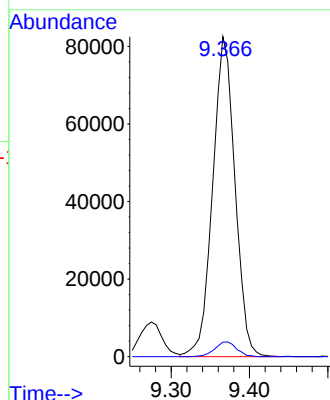
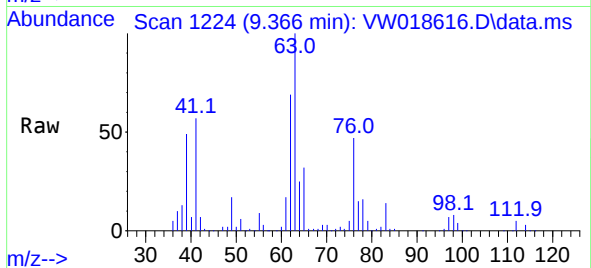




#40
1,2-Dichloropropane
Concen: 27.02 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

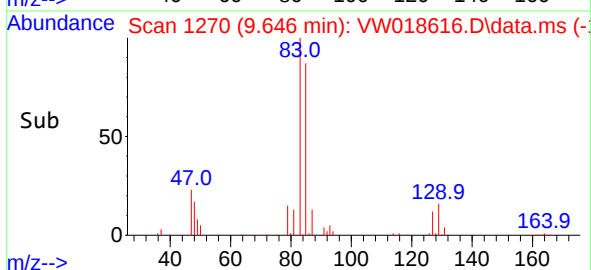
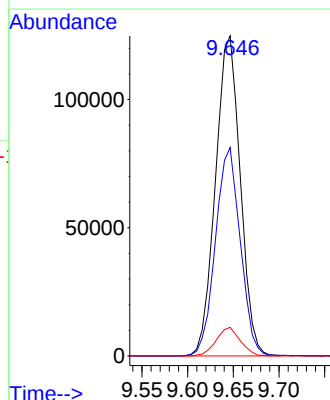
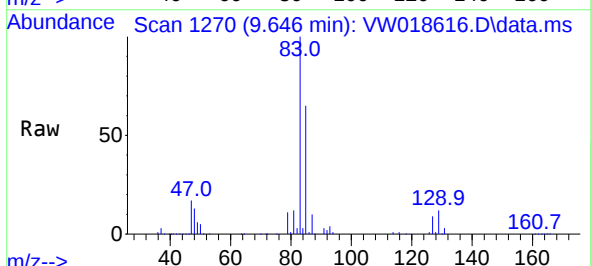
Instrument :
MSVOA_W
ClientSampled :

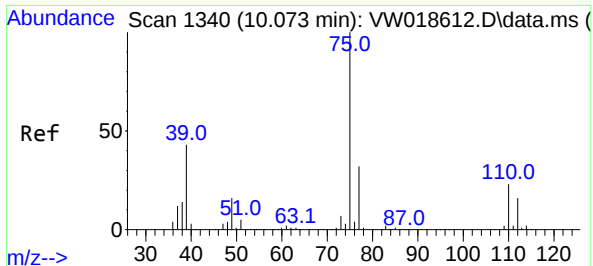
Tgt Ion: 63 Resp: 163071
Ion Ratio Lower Upper
63 100
112 4.6 4.2 6.4



#41
Bromodichloromethane
Concen: 27.67 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 83 Resp: 236033
Ion Ratio Lower Upper
83 100
85 65.1 43.8 81.4
127 8.9 6.9 10.3

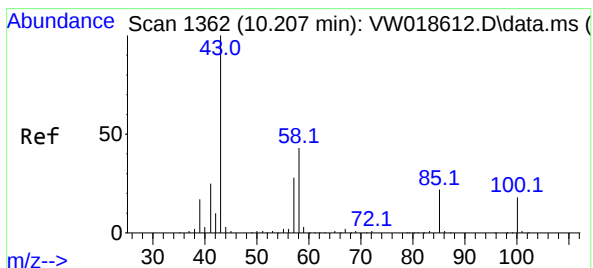
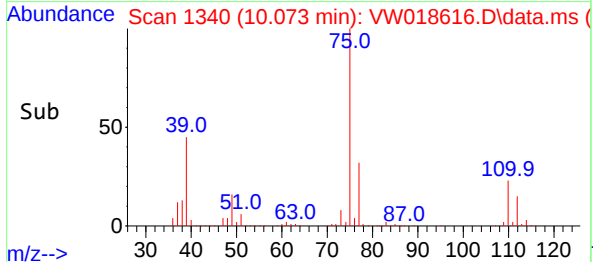
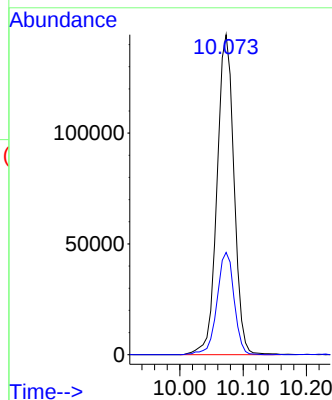
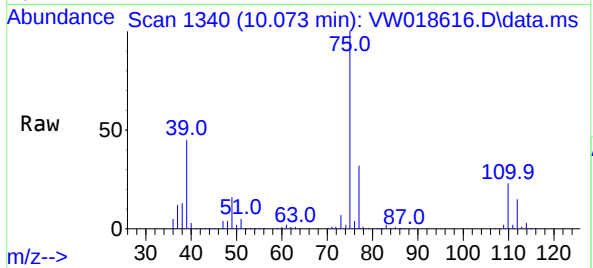




#42
cis-1,3-Dichloropropene
Concen: 26.31 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

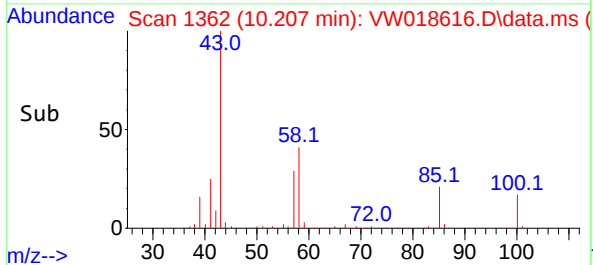
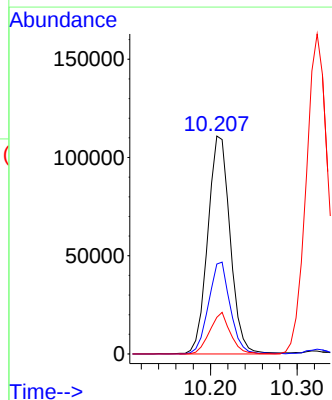
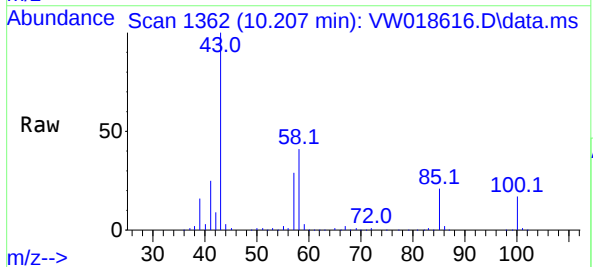
Instrument :
MSVOA_W
ClientSampled :

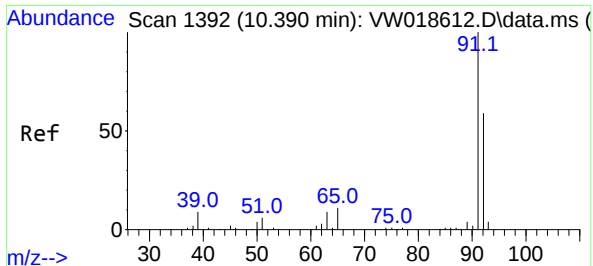
Tgt Ion: 75 Resp: 268456
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 54.90 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 43 Resp: 199230
Ion Ratio Lower Upper
43 100
58 40.7 34.8 52.2
100 17.6 15.9 23.9

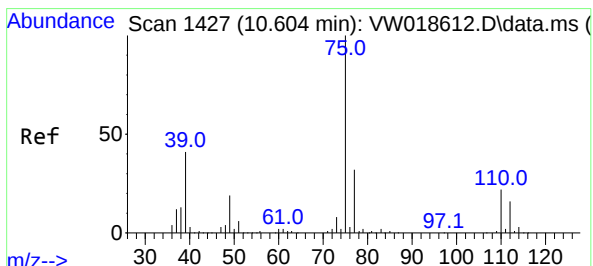
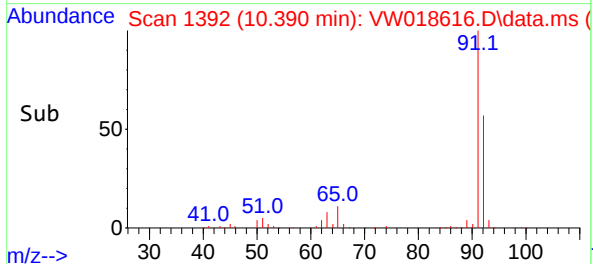
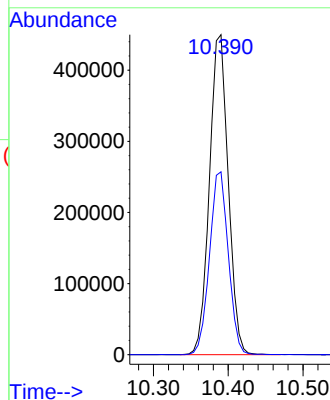
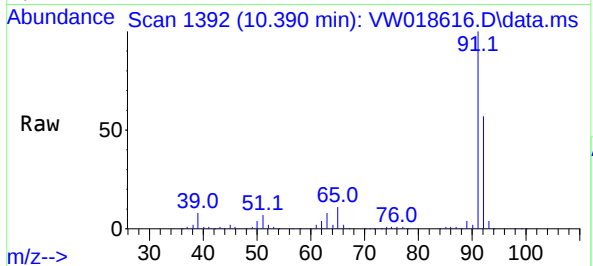




#44
Toluene
Concen: 28.04 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

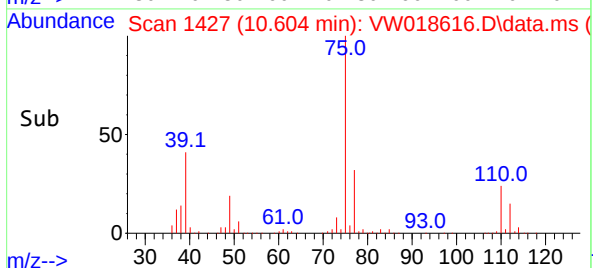
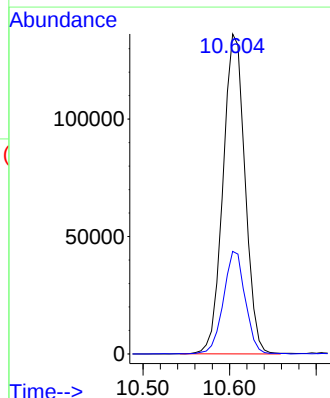
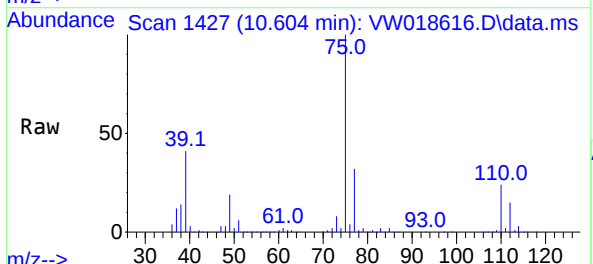
Instrument :
MSVOA_W
ClientSampled :

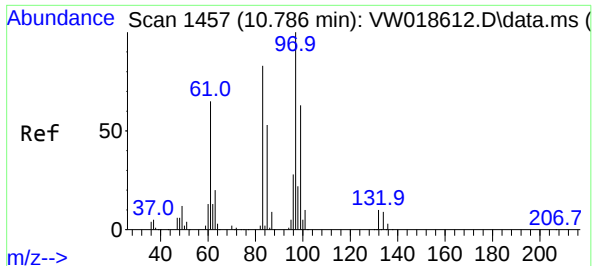
Tgt Ion: 91 Resp: 786399
Ion Ratio Lower Upper
91 100
92 57.2 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 26.20 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

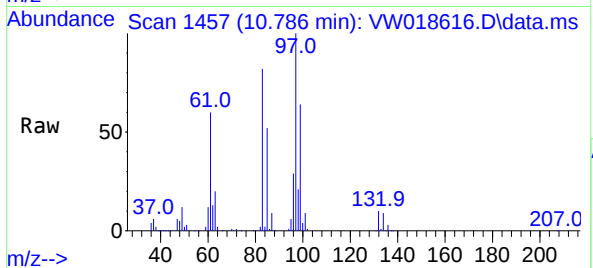
Tgt Ion: 75 Resp: 240062
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0





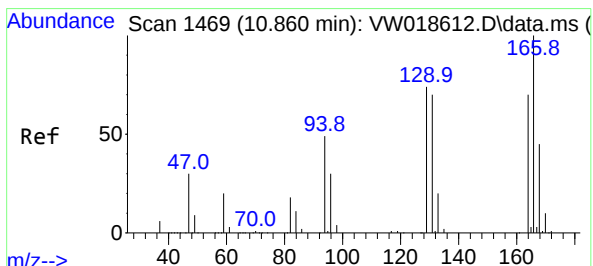
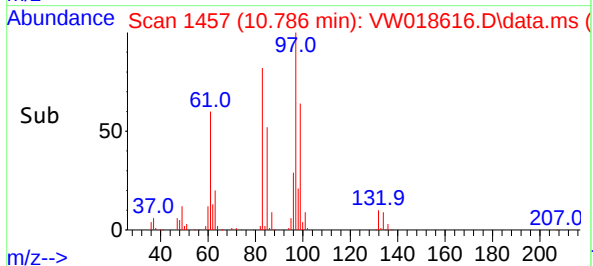
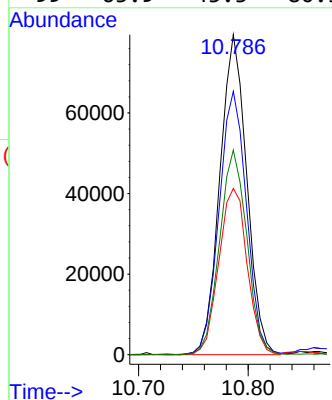
#46
1,1,2-Trichloroethane
Concen: 28.18 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Instrument :
MSVOA_W
ClientSampled :

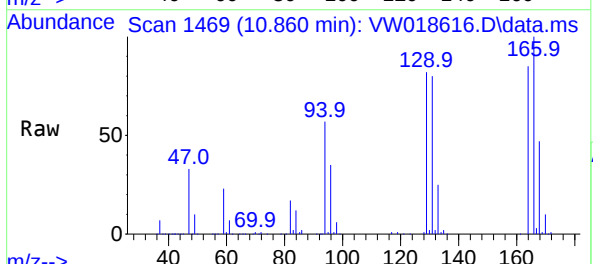


Tgt Ion: 97 Resp: 135618

Ion	Ratio	Lower	Upper
97	100		
83	82.3	58.9	109.5
85	52.0	38.4	71.4
99	63.9	43.3	80.3

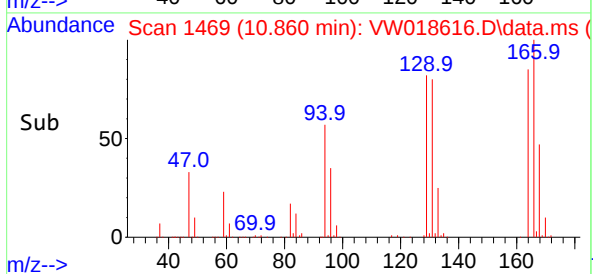
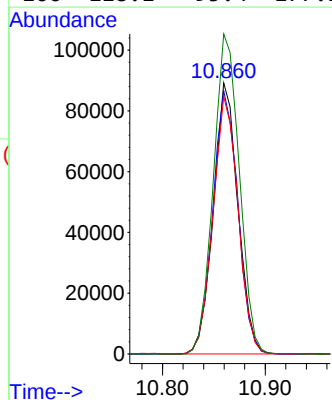


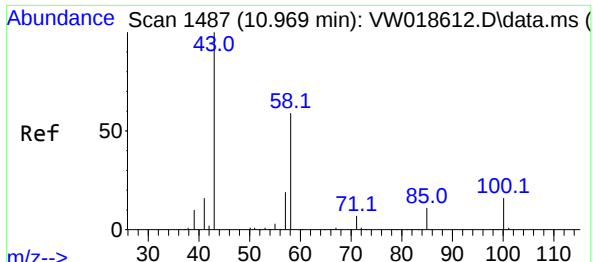
#47
Tetrachloroethene
Concen: 28.55 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45



Tgt Ion: 164 Resp: 147769

Ion	Ratio	Lower	Upper
164	100		
129	97.0	68.8	127.8
131	95.0	68.3	126.8
166	118.1	95.4	177.2



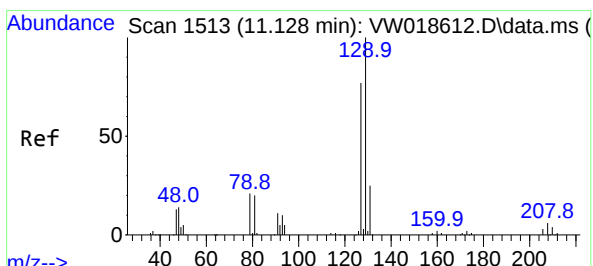
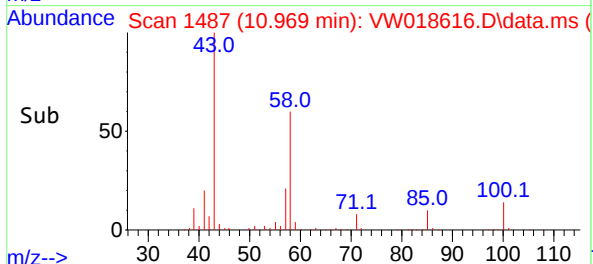
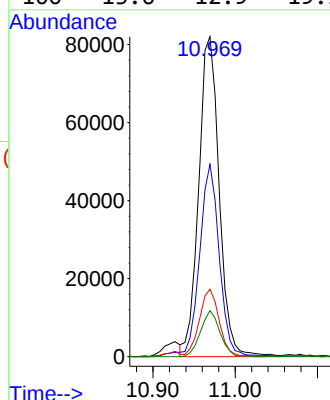
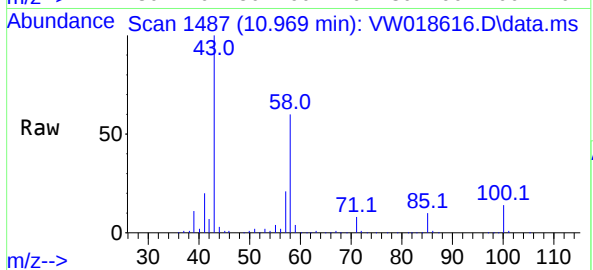


#49
2-Hexanone
Concen: 55.30 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 142019

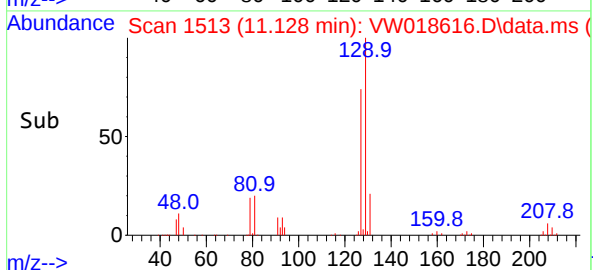
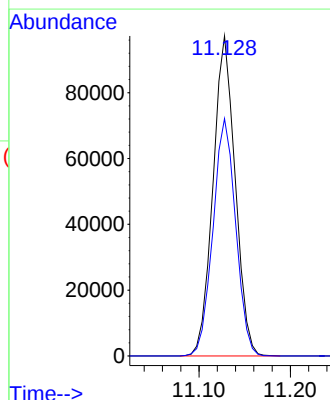
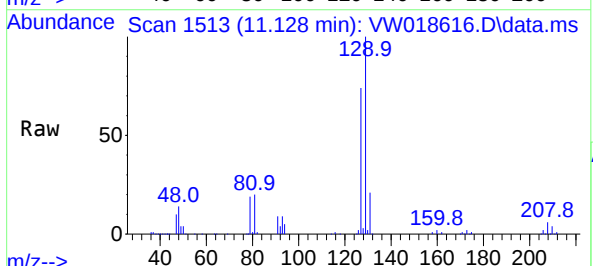
Ion	Ratio	Lower	Upper
43	100		
58	56.0	47.3	70.9
57	20.1	17.3	25.9
100	13.6	12.9	19.3

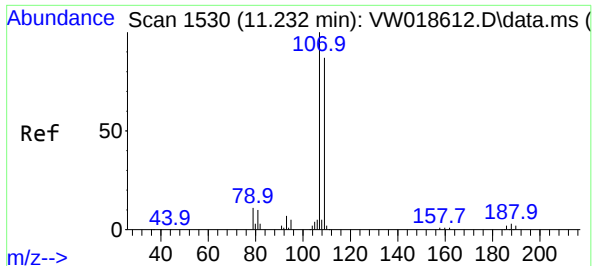


#50
Dibromochloromethane
Concen: 28.86 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 129 Resp: 163727

Ion	Ratio	Lower	Upper
129	100		
127	74.2	58.0	107.6

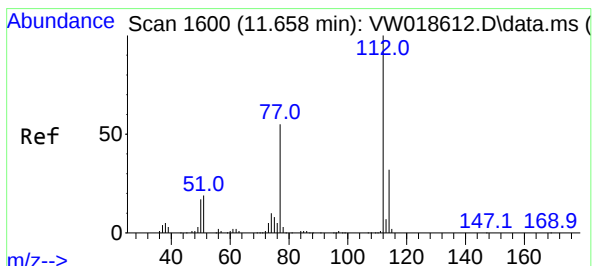
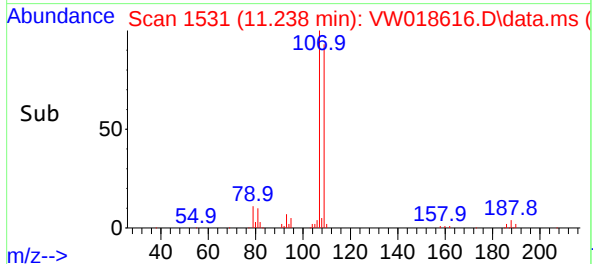
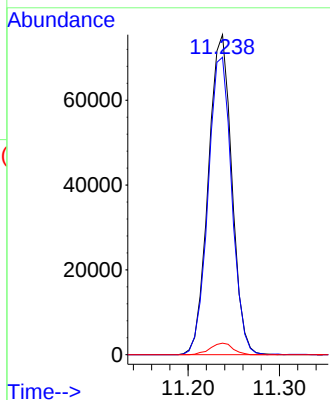
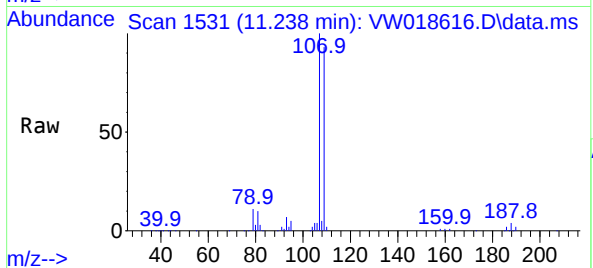




#51
1,2-Dibromoethane
Concen: 28.23 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

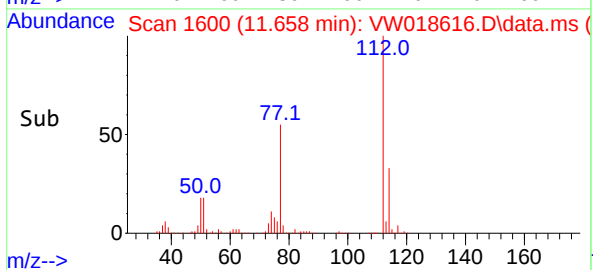
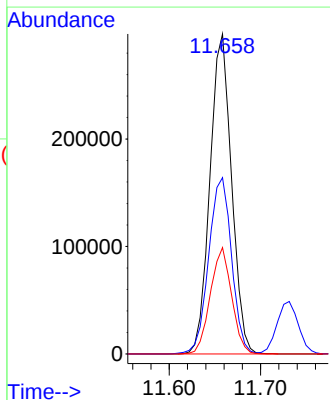
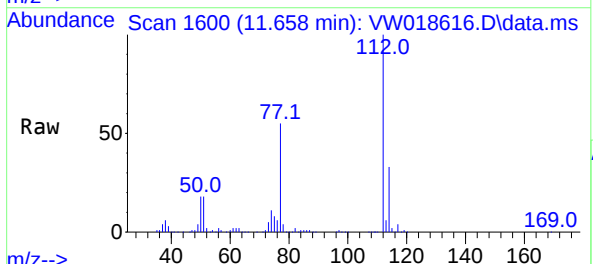
Instrument :
MSVOA_W
ClientSampleId :

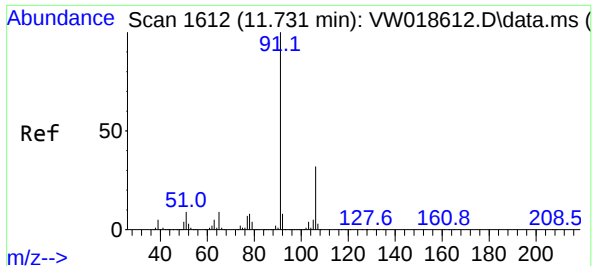
Tgt Ion:107 Resp: 134522
Ion Ratio Lower Upper
107 100
109 92.9 65.9 122.5
188 3.9 3.0 4.4



#52
Chlorobenzene
Concen: 27.46 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion:112 Resp: 488302
Ion Ratio Lower Upper
112 100
77 55.1 45.4 68.2
114 33.2 22.5 41.9

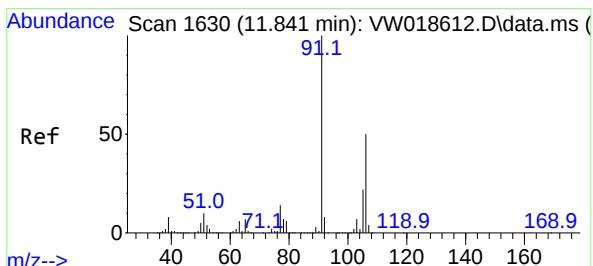
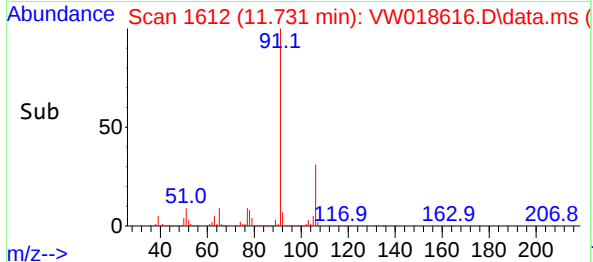
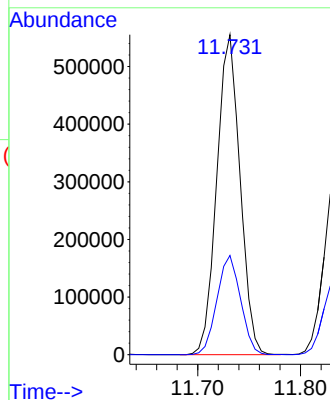
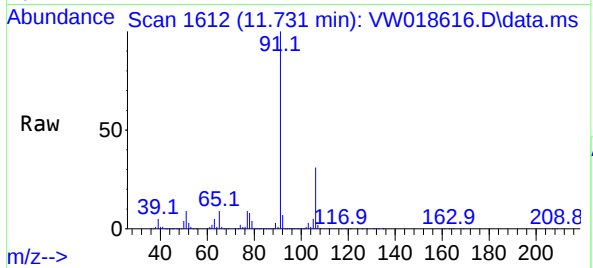




#53
Ethylbenzene
Concen: 27.58 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

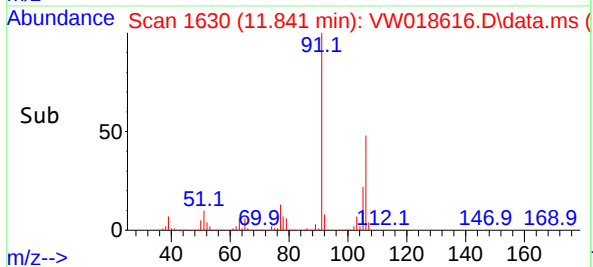
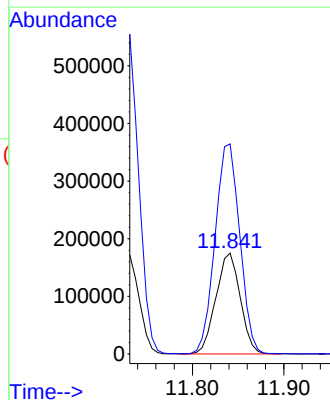
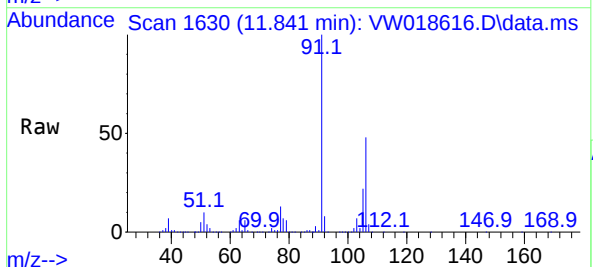
Instrument :
MSVOA_W
ClientSampled :

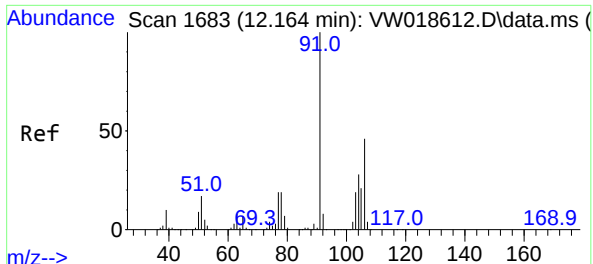
Tgt Ion: 91 Resp: 872041
Ion Ratio Lower Upper
91 100
106 31.0 21.7 40.3



#54
m,p-Xylene
Concen: 26.79 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion:106 Resp: 323768
Ion Ratio Lower Upper
106 100
91 208.4 145.3 269.8

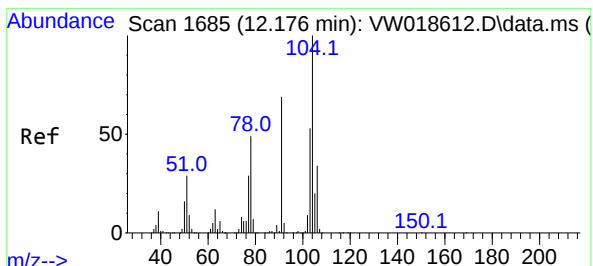
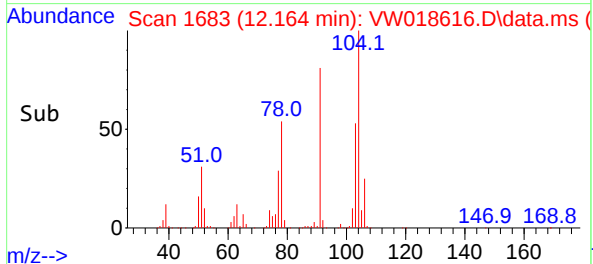
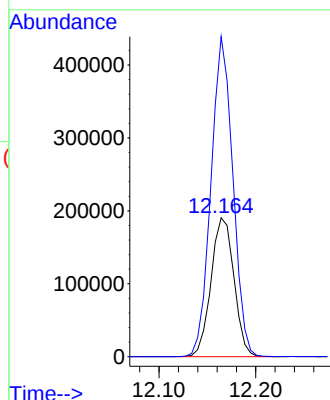
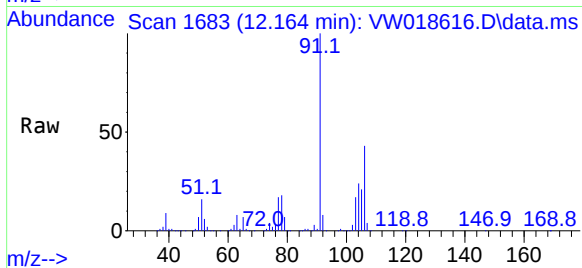




#55
o-xylene
Concen: 27.25 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

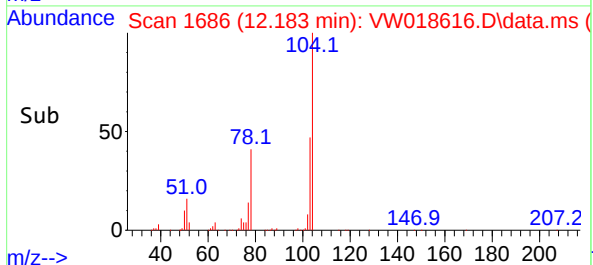
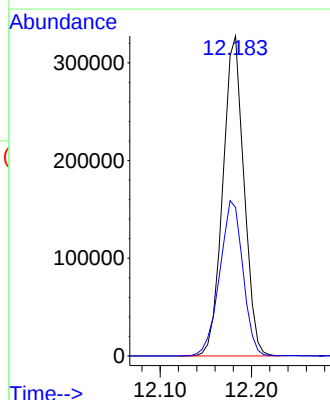
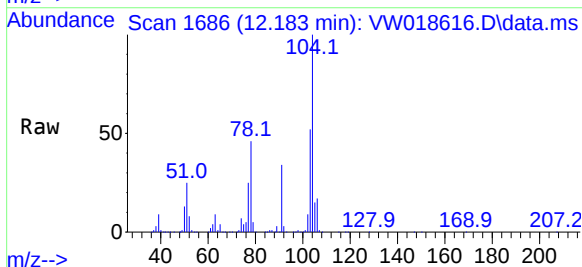
Instrument :
MSVOA_W
ClientSampled :

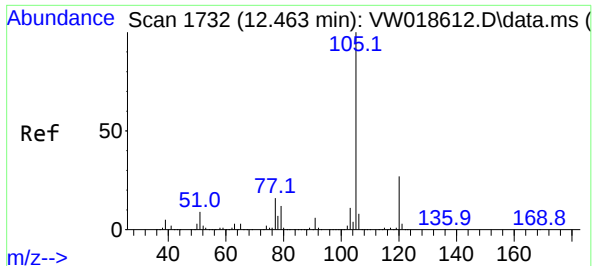
Tgt Ion:106 Resp: 313858
Ion Ratio Lower Upper
106 100
91 230.5 154.3 286.5



#56
Styrene
Concen: 26.81 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion:104 Resp: 526677
Ion Ratio Lower Upper
104 100
78 46.4 34.7 64.5

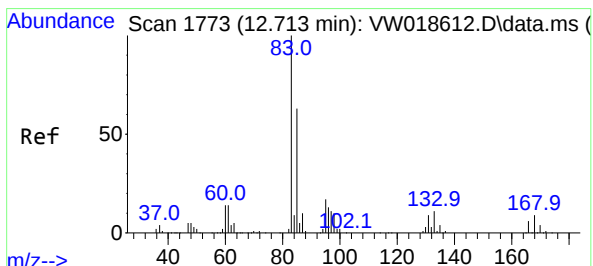
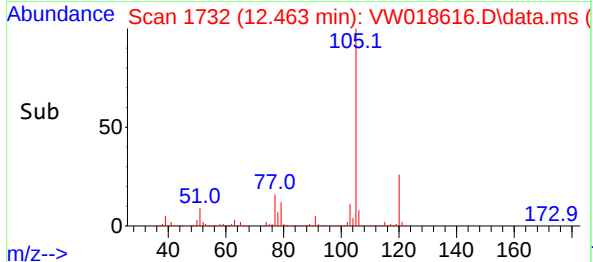
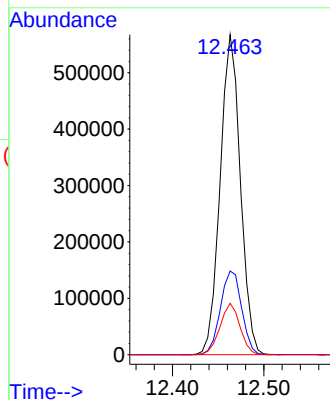
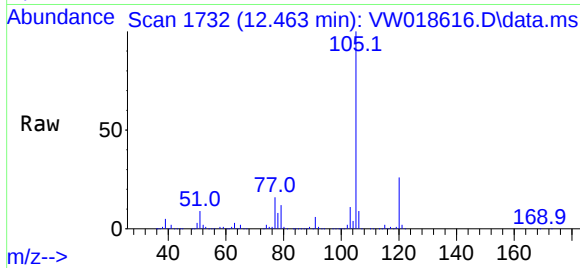




#57
Isopropylbenzene
Concen: 27.88 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

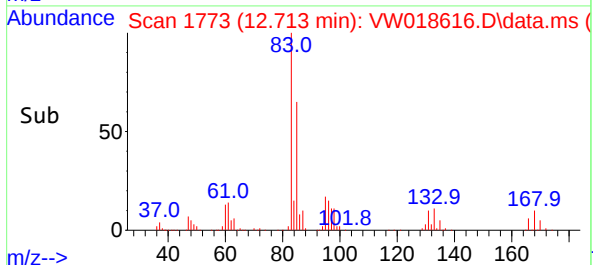
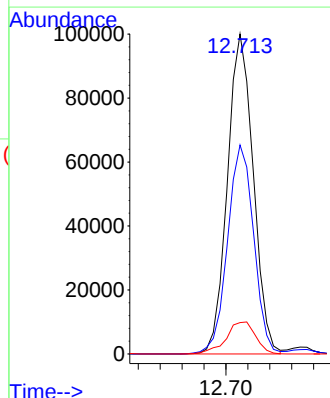
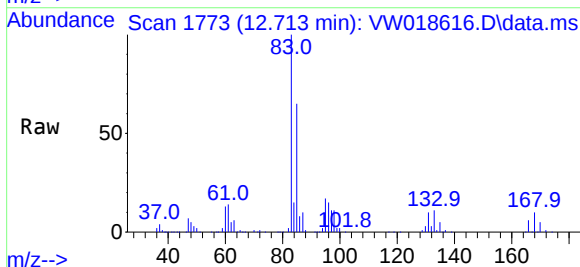
Instrument :
MSVOA_W
ClientSampled :

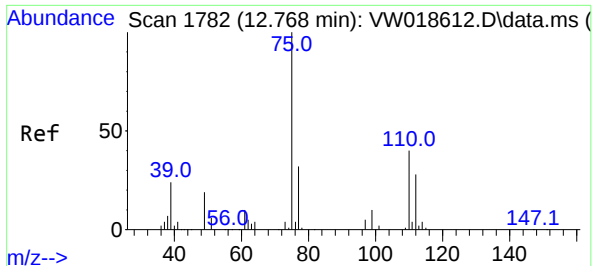
Tgt Ion:105 Resp: 873415
Ion Ratio Lower Upper
105 100
120 27.4 20.9 31.3
77 15.9 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 28.15 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion: 83 Resp: 163924
Ion Ratio Lower Upper
83 100
85 65.3 49.0 91.0
131 9.8 8.7 13.1

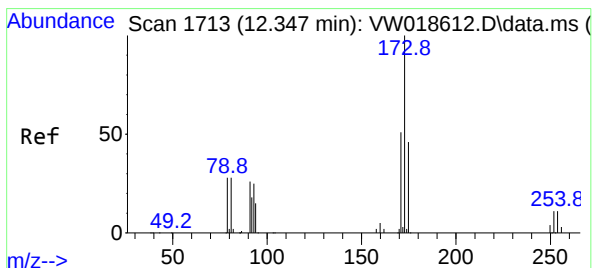
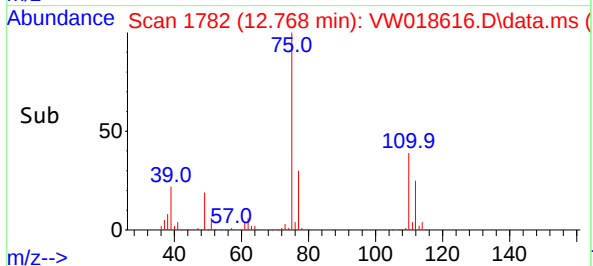
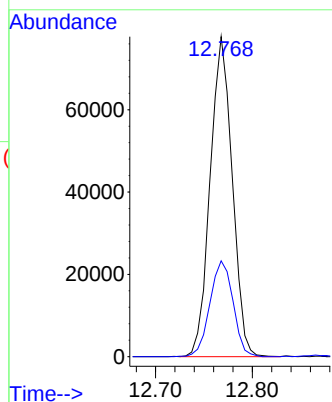
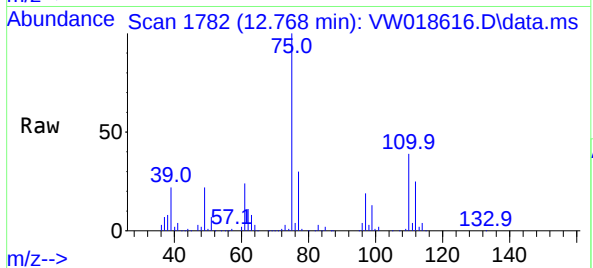




#59
1,2,3-Trichloropropane
Concen: 28.07 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

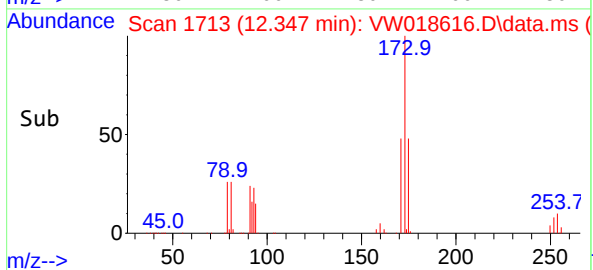
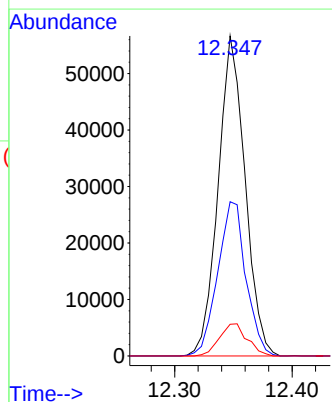
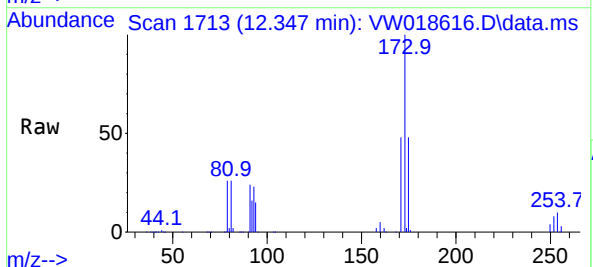
Instrument :
MSVOA_W
ClientSampled :

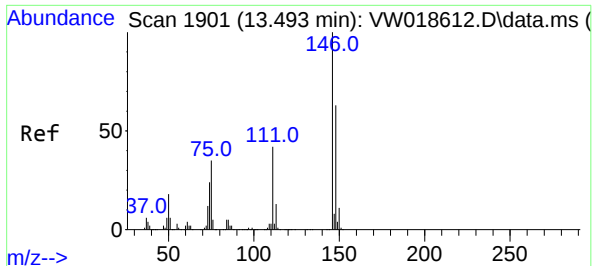
Tgt Ion: 75 Resp: 123434
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4



#62
Bromoform
Concen: 26.28 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion:173 Resp: 90487
Ion Ratio Lower Upper
173 100
175 50.4 38.2 57.2
254 10.4 6.0 9.0#

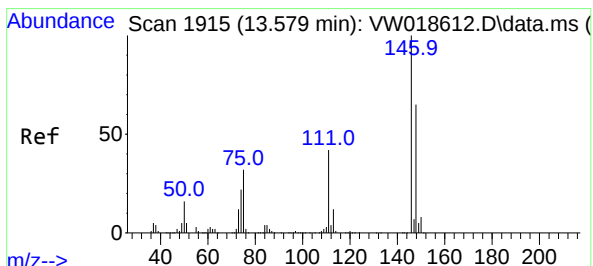
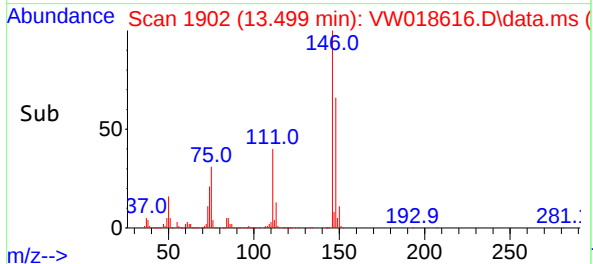
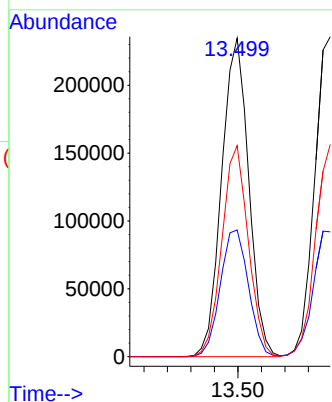
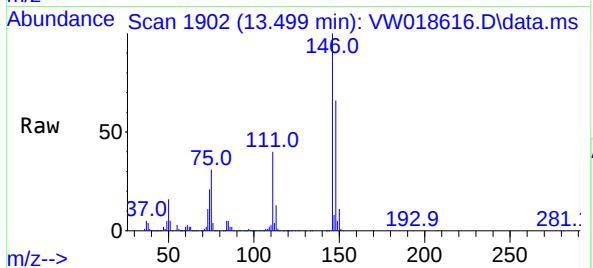




#63
1,3-Dichlorobenzene
Concen: 26.13 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

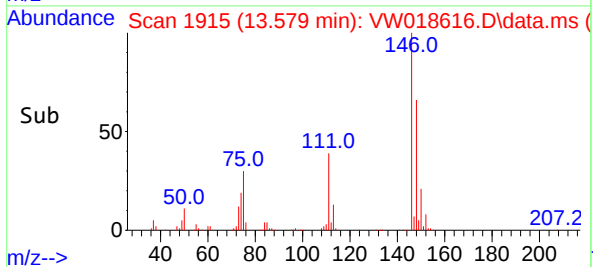
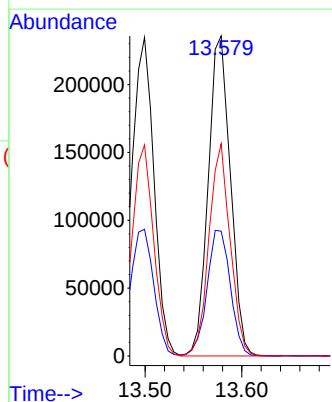
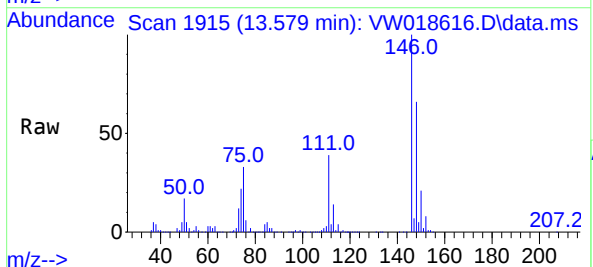
Instrument :
MSVOA_W
ClientSampled :

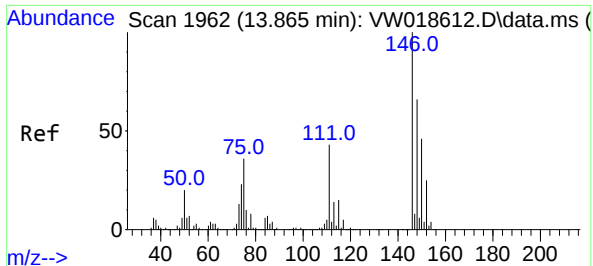
Tgt Ion:146 Resp: 375572
Ion Ratio Lower Upper
146 100
111 39.8 27.5 51.1
148 66.2 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.94 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion:146 Resp: 376195
Ion Ratio Lower Upper
146 100
111 39.0 28.3 52.5
148 66.4 47.3 87.9

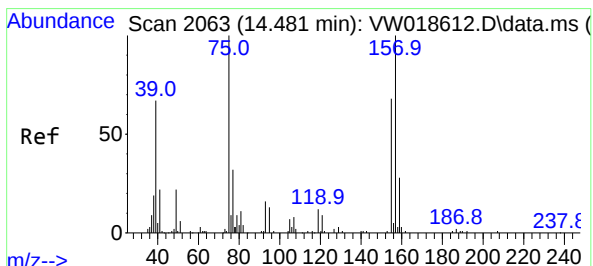
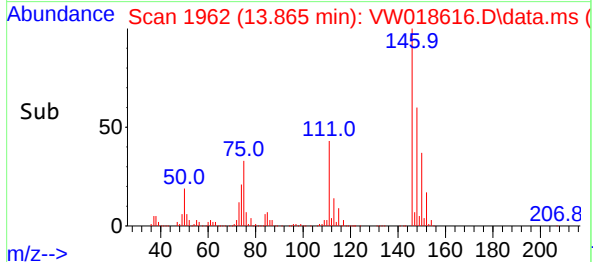
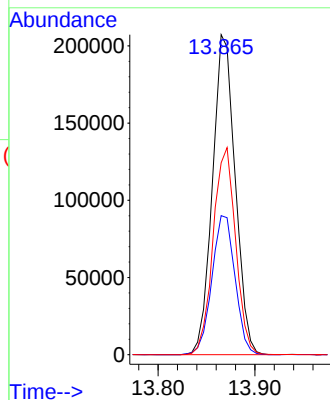
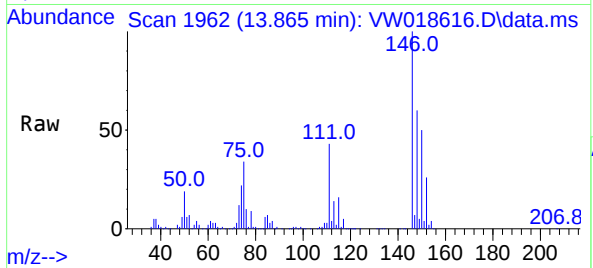




#65
1,2-Dichlorobenzene
Concen: 26.33 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

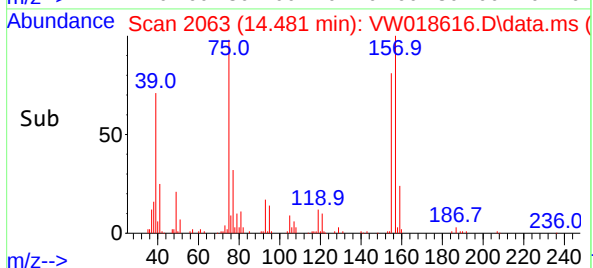
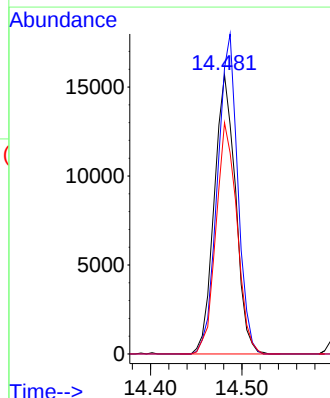
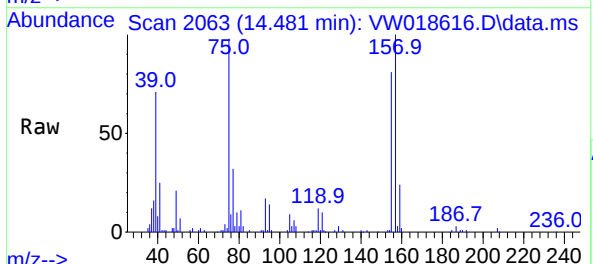
Instrument :
MSVOA_W
ClientSampleId :

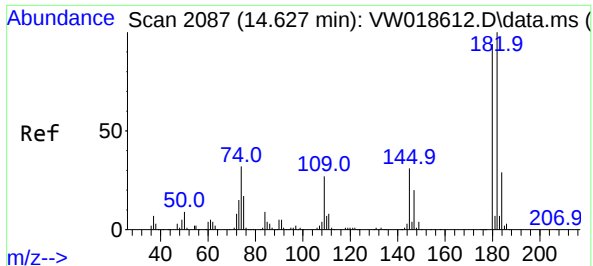
Tgt Ion:146 Resp: 338212
Ion Ratio Lower Upper
146 100
111 43.4 36.0 54.0
148 60.0 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 21.87 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

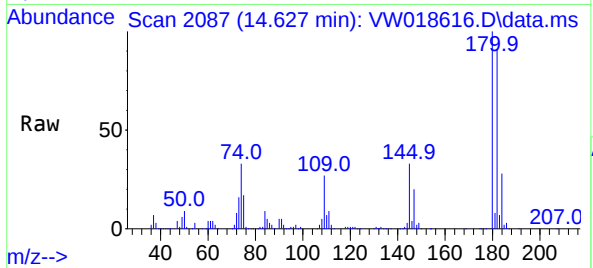
Tgt Ion: 75 Resp: 25381
Ion Ratio Lower Upper
75 100
157 102.5 65.2 97.8#
155 82.8 60.1 90.1



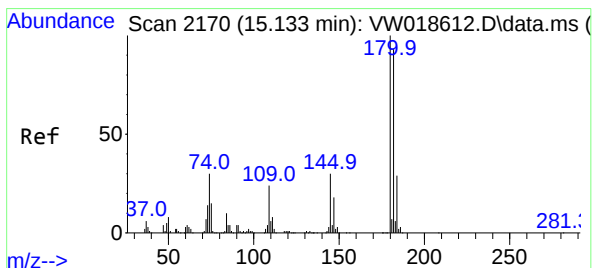
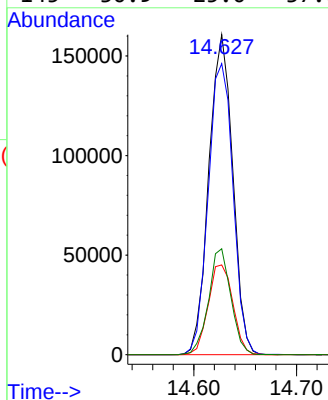
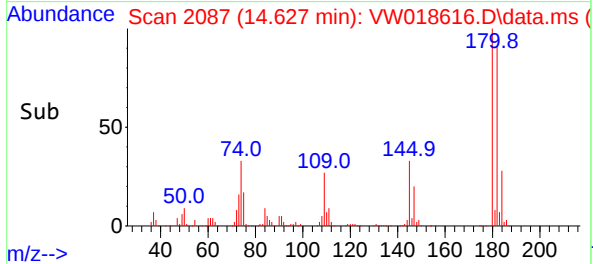


#67
1,3,5-Trichlorobenzene
Concen: 25.06 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

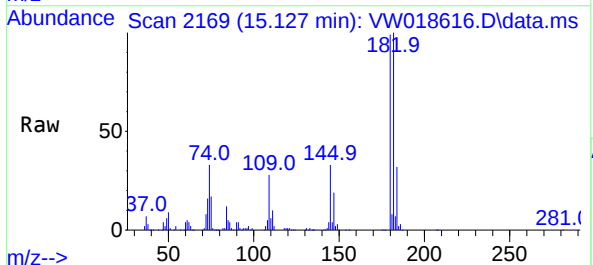
Instrument :
MSVOA_W
ClientSampleId :



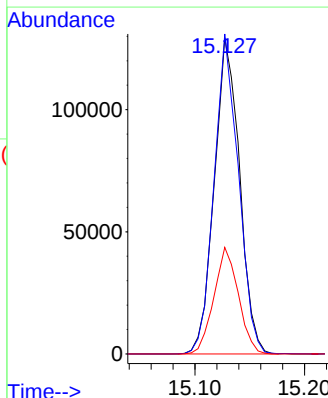
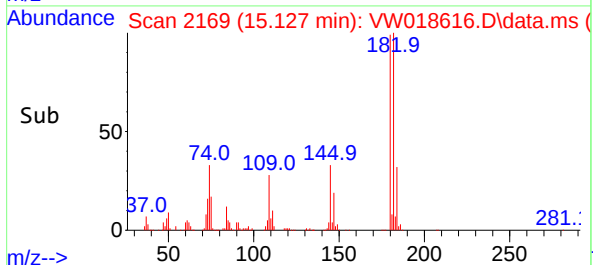
Tgt Ion:180 Resp: 259731
Ion Ratio Lower Upper
180 100
182 94.1 71.8 107.8
184 29.0 23.5 35.3
145 30.9 25.0 37.6

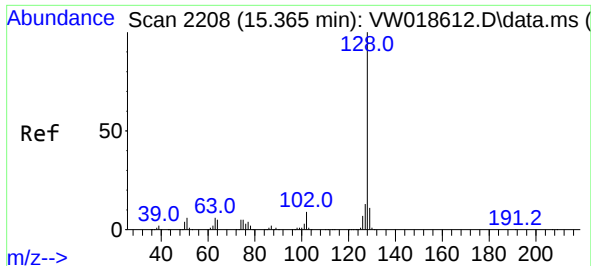


#68
1,2,4-trichlorobenzene
Concen: 23.54 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45



Tgt Ion:180 Resp: 207543
Ion Ratio Lower Upper
180 100
182 97.4 70.2 105.4
145 32.6 24.9 37.3

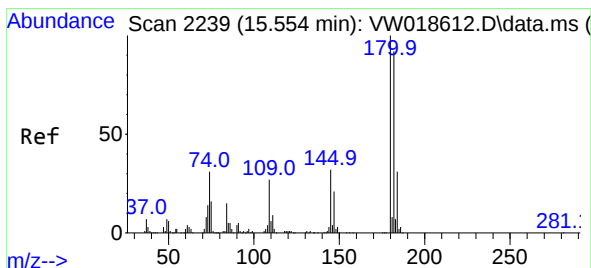
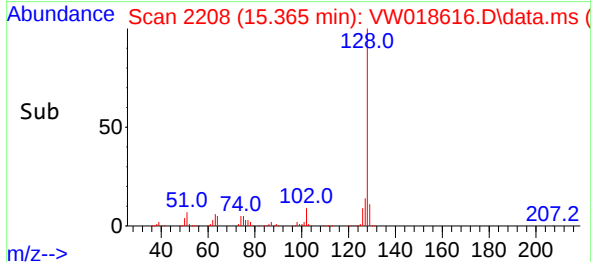
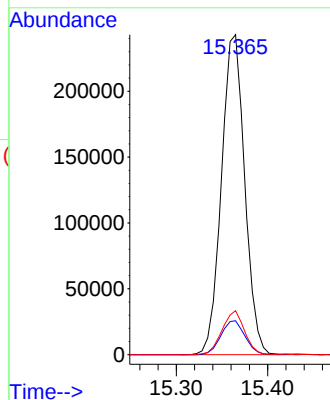
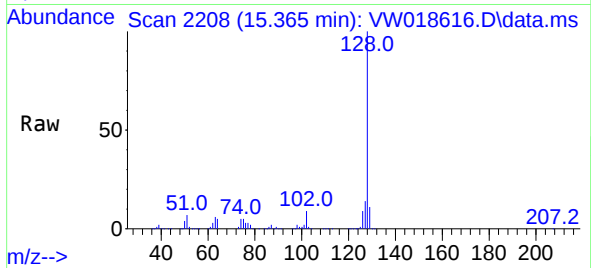




#69
Naphthalene
Concen: 23.43 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 430111
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 13.3 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.23 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018616.D
Acq: 09 Apr 2021 15:45

Tgt Ion:180 Resp: 186420
Ion Ratio Lower Upper
180 100
182 94.6 76.5 114.7
145 31.6 27.7 41.5

