

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040921\
 Data File : VW018612.D
 Acq On : 09 Apr 2021 10:21
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 10 01:04:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 09 03:11:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	445588	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	408567	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	217801	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	122056	19.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.72%
7) Chloroethane-d5	2.892	69	111546	20.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.20%
10) 1,1-Dichloroethene-d2	4.026	63	215638	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.56%
20) 2-Butanone-d5	7.074	46	67848	49.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.30%
24) Chloroform-d	7.647	84	253784	22.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.44%
26) 1,2-Dichloroethane-d4	8.305	65	145186	21.91	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.64%
29) Benzene-d6	8.275	84	449009	20.67	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.68%
33) 1,2-Dichloropropane-d6	9.275	67	139007	22.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.76%
37) Toluene-d8	10.323	98	431619	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.56%
38) trans-1,3-Dichloroprop...	10.579	79	64885	20.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.32%
39) 2-Hexanone-d5	10.921	63	55762	45.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.96%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	137043	24.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.80%
61) 1,2-Dichlorobenzene-d4	13.853	152	167996	21.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.80%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	112242	21.93	ug/L	98
3) Chloromethane	2.215	50	148647	23.04	ug/L	98
5) Vinyl chloride	2.367	62	220948	26.08	ug/L	99
6) Bromomethane	2.782	94	154062	25.18	ug/L	99
8) Chloroethane	2.928	64	138806	26.28	ug/L	97
9) Trichlorofluoromethane	3.263	101	112253	26.34	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	154965	28.28	ug/L	97
12) 1,1-Dichloroethene	4.044	96	148281	26.51	ug/L	86
13) Acetone	4.123	43	50735	51.16	ug/L	100
14) Carbon disulfide	4.385	76	430199	25.54	ug/L	100
16) Methylene chloride	4.916	84	159578	21.83	ug/L	95
17) Methyl tert-butyl Ether	5.422	73	202727	24.81	ug/L	99
18) trans-1,2-Dichloroethene	5.415	96	159846	25.89	ug/L	95
19) 1,1-Dichloroethane	6.214	63	282067	26.77	ug/L	96
21) 2-Butanone	7.171	43	85921	54.53	ug/L	95
22) cis-1,2-Dichloroethene	7.165	96	173216	26.67	ug/L	94
23) Bromochloromethane	7.513	128	81409	28.32	ug/L	89
25) Chloroform	7.677	83	305817	27.35	ug/L	98
27) 1,2-Dichloroethane	8.397	62	215296	27.14	ug/L	96

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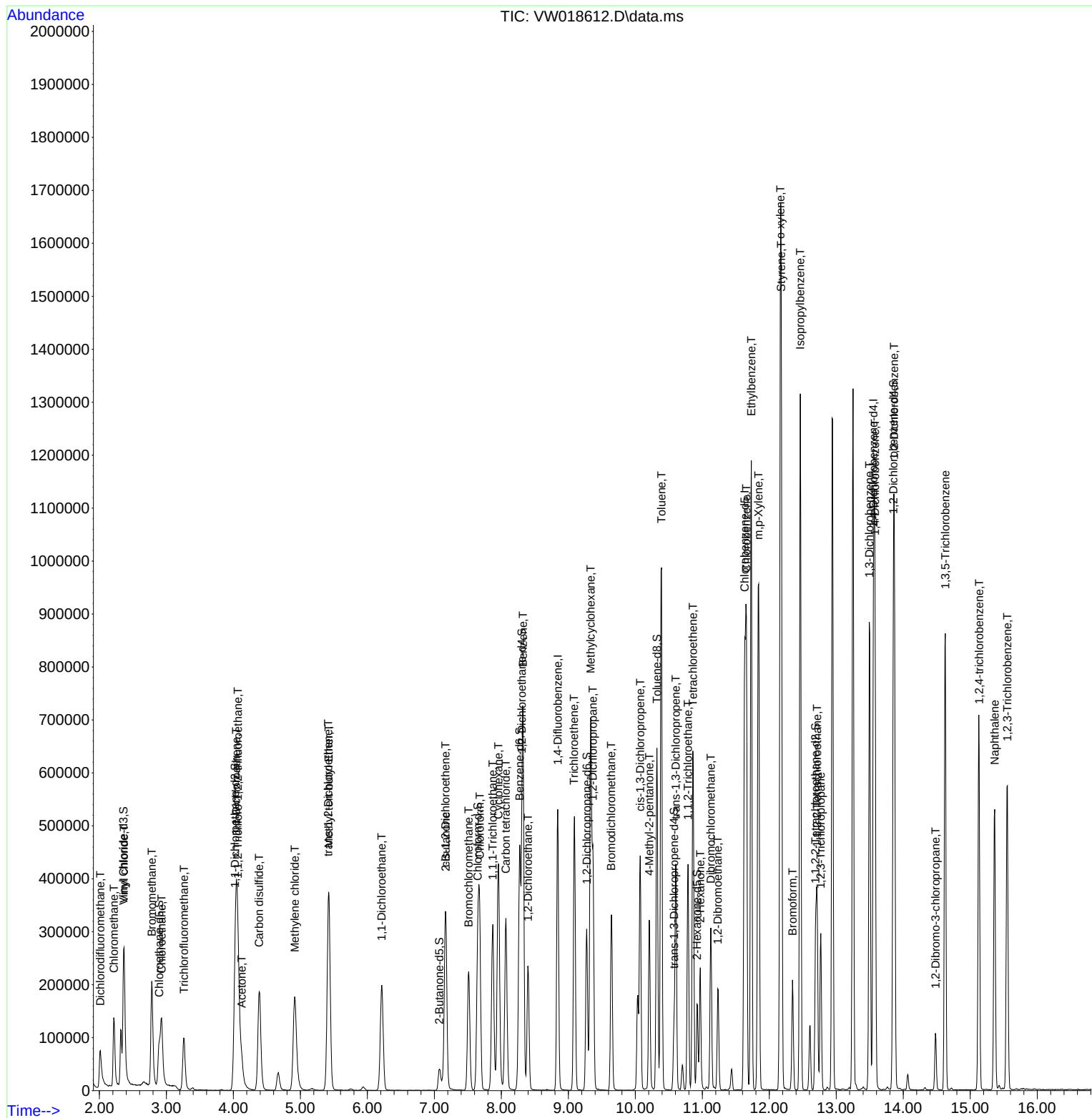
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	244077	25.16	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	252171	27.61	ug/L	99
32) Carbon tetrachloride	8.067	117	237482	27.91	ug/L	99
34) Benzene	8.324	78	647983	27.38	ug/L	100
35) Trichloroethene	9.086	95	179317	27.43	ug/L	98
36) Methylcyclohexane	9.336	83	294045	25.69	ug/L	99
40) 1,2-Dichloropropane	9.366	63	155903	26.93	ug/L	99
41) Bromodichloromethane	9.640	83	221843	27.11	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	256324	26.19	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	192940	55.43	ug/L	96
44) Toluene	10.390	91	737061	27.40	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	232862	26.50	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	129313	28.02	ug/L	98
47) Tetrachloroethene	10.860	164	135027	27.20	ug/L	95
49) 2-Hexanone	10.969	43	137540	55.84	ug/L	96
50) Dibromochloromethane	11.128	129	156504	28.76	ug/L	93
51) 1,2-Dibromoethane	11.232	107	128680	28.15	ug/L	93
52) Chlorobenzene	11.658	112	472910	27.72	ug/L	98
53) Ethylbenzene	11.731	91	822945	27.14	ug/L	98
54) m,p-Xylene	11.841	106	311916	26.91	ug/L	96
55) o-xylene	12.164	106	300909	27.24	ug/L	97
56) Styrene	12.176	104	518261	27.51	ug/L	99
57) Isopropylbenzene	12.463	105	825704	27.48	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	160908	28.81	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	119619	28.36	ug/L	100
62) Bromoform	12.347	173	85856	25.71	ug/L #	98
63) 1,3-Dichlorobenzene	13.493	146	345974	24.82	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	361727	25.72	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	328641	26.38	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	26385	23.43	ug/L #	85
67) 1,3,5-Trichlorobenzene	14.627	180	253831	25.25	ug/L	92
68) 1,2,4-trichlorobenzene	15.133	180	216532	25.31	ug/L	95
69) Naphthalene	15.365	128	450646	25.30	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	190245	25.49	ug/L	99

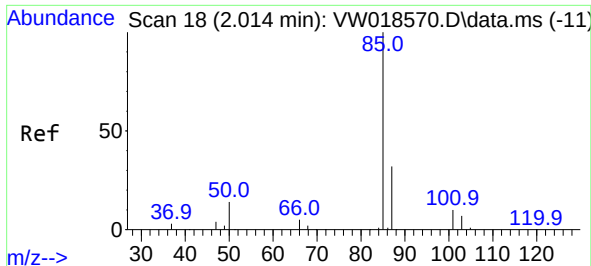
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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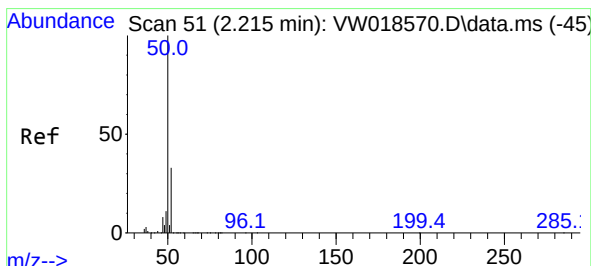
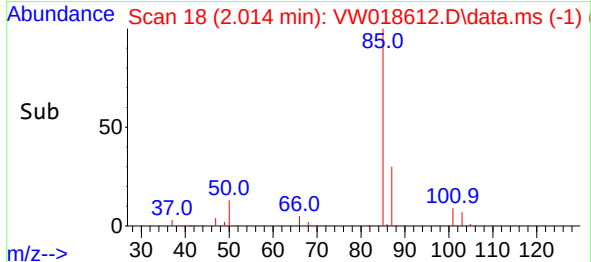
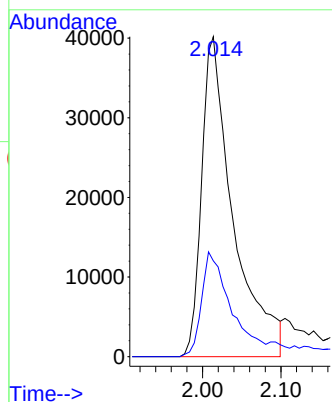
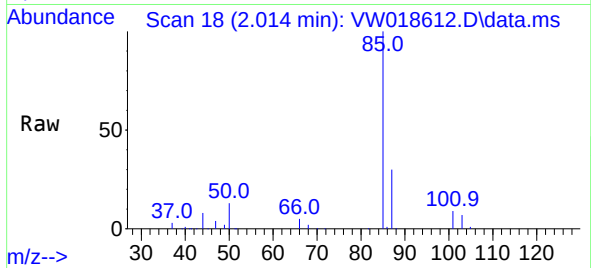




#2
Dichlorodifluoromethane
Concen: 21.93 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

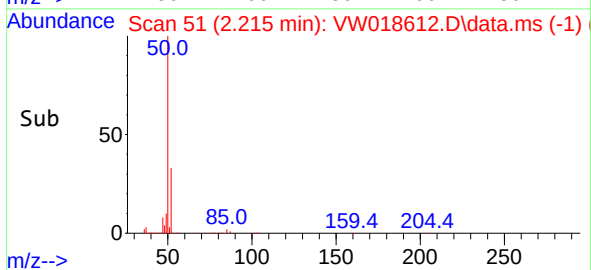
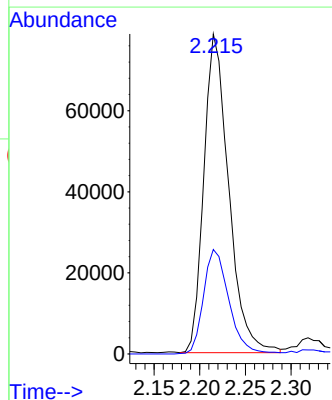
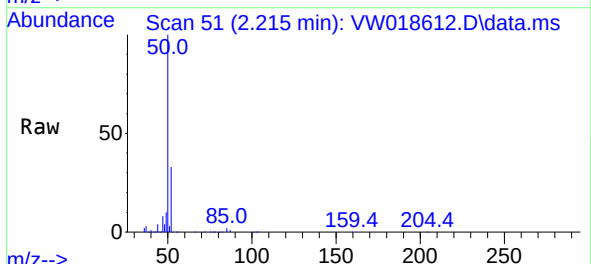
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MSVOA_W
ClientSampled :

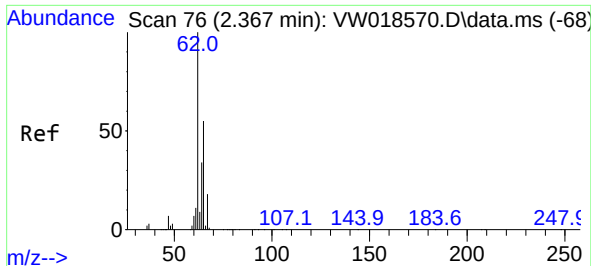
Tgt Ion: 85 Resp: 112242
Ion Ratio Lower Upper
85 100
87 30.7 22.2 41.2



#3
Chloromethane
Concen: 23.04 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 50 Resp: 148647
Ion Ratio Lower Upper
50 100
52 32.7 23.7 43.9

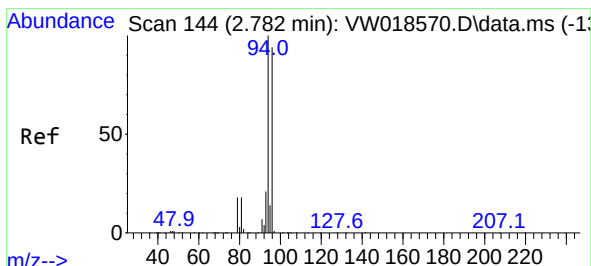
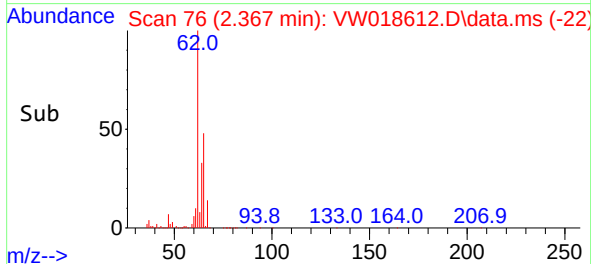
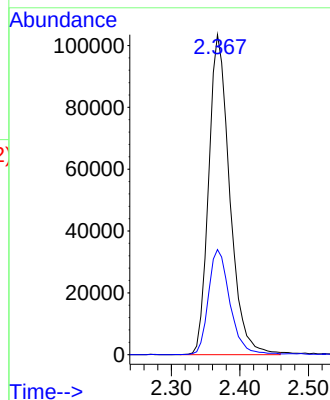
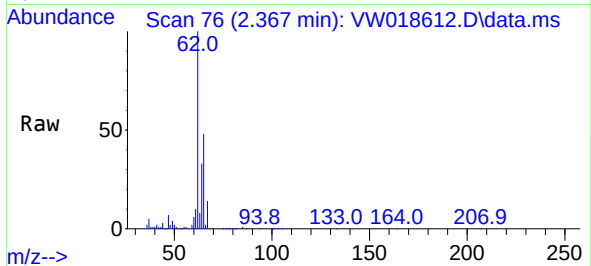




#5
Vinyl chloride
Concen: 26.08 ug/L
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

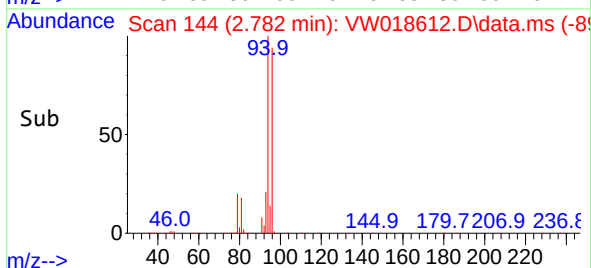
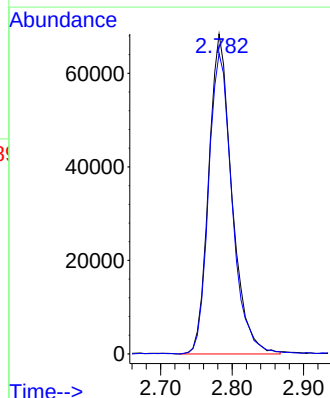
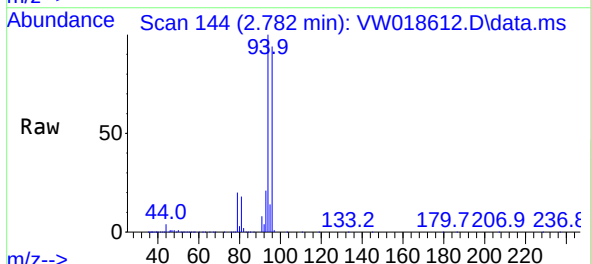
Instrument :
MSVOA_W
ClientSampled :

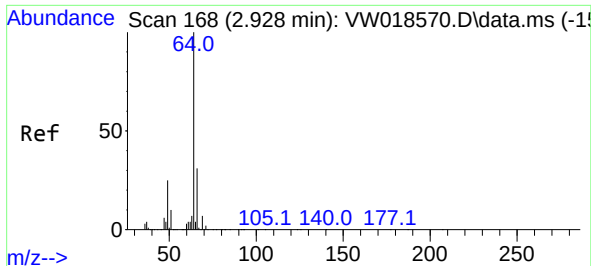
Tgt Ion: 62 Resp: 220948
Ion Ratio Lower Upper
62 100
64 32.9 23.5 43.7



#6
Bromomethane
Concen: 25.18 ug/L
RT: 2.782 min Scan# 144
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 94 Resp: 154062
Ion Ratio Lower Upper
94 100
96 95.5 9.4 179.4

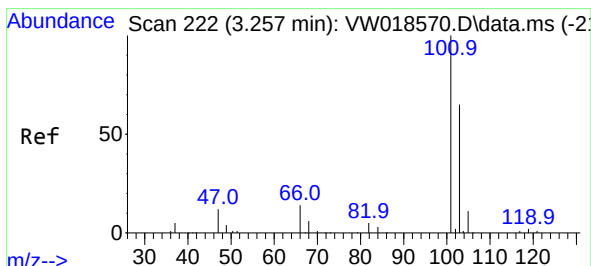
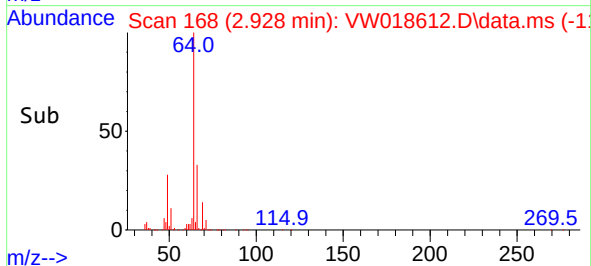
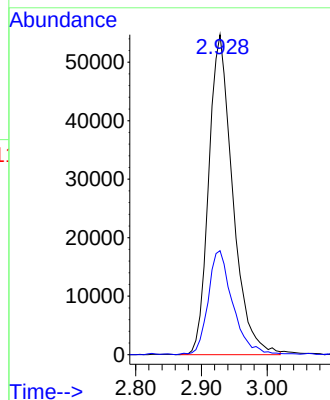
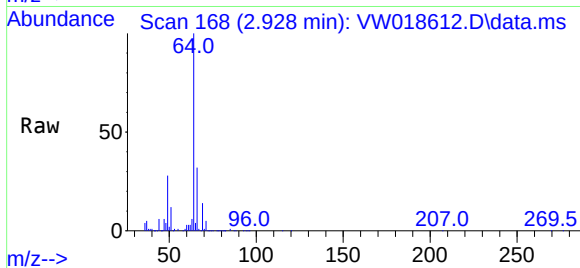




#8
Chloroethane
Concen: 26.28 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

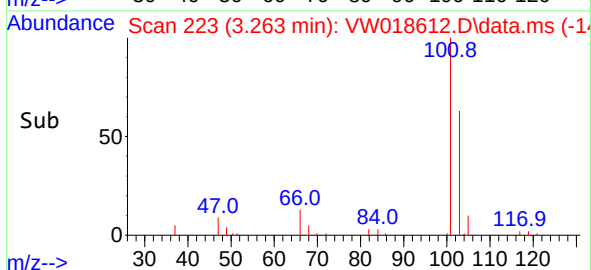
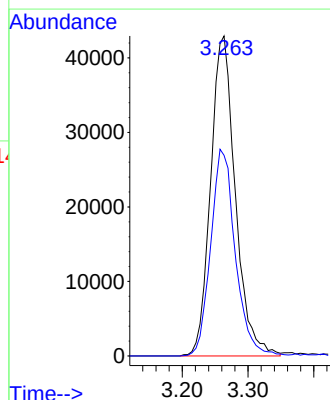
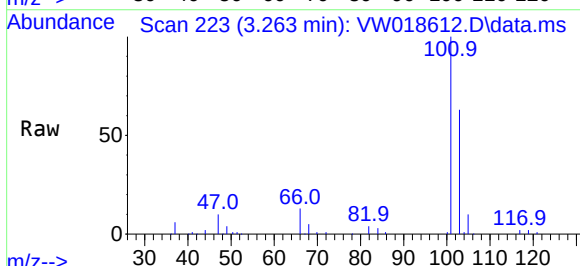
Instrument :
MSVOA_W
ClientSampled :

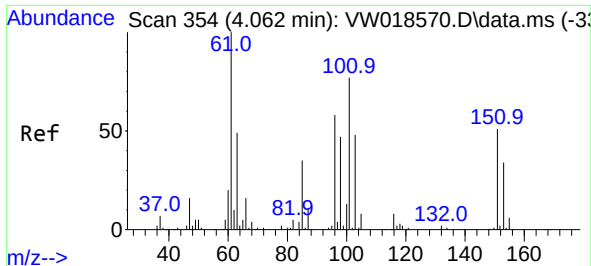
Tgt Ion: 64 Resp: 138806
Ion Ratio Lower Upper
64 100
66 32.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.34 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 101 Resp: 112253
Ion Ratio Lower Upper
101 100
103 64.3 45.6 84.8

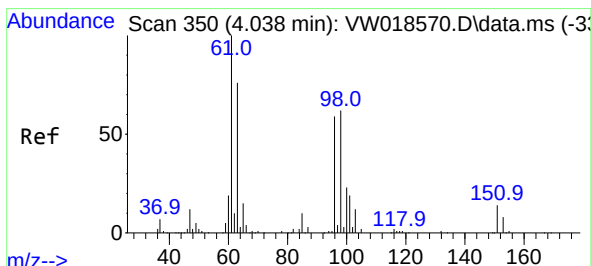
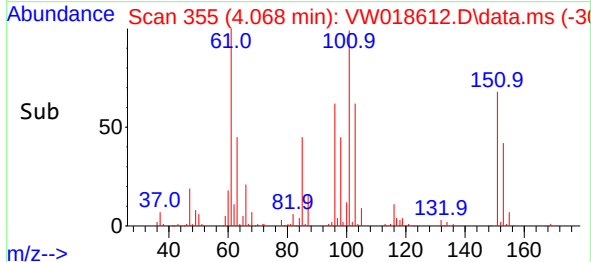
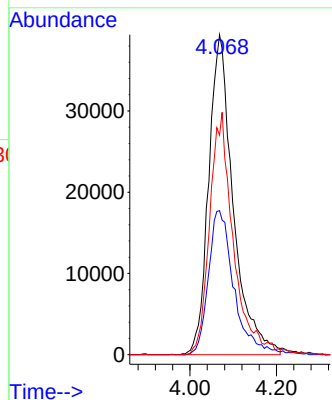
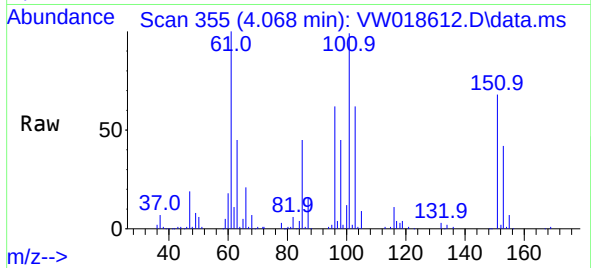




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.28 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

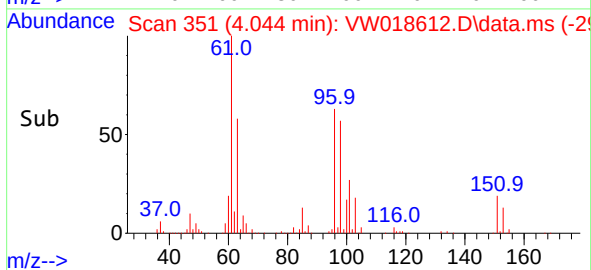
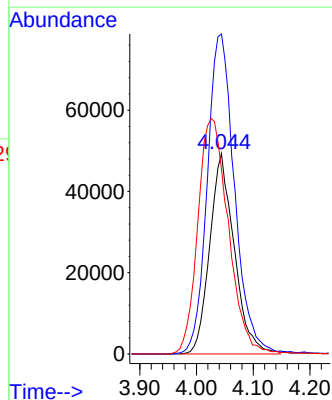
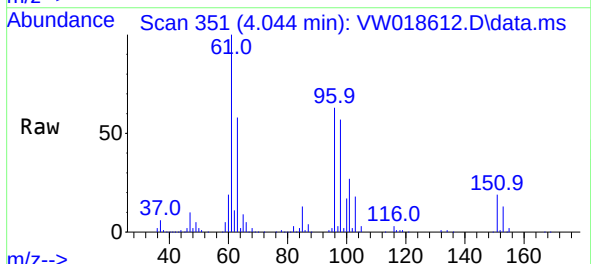
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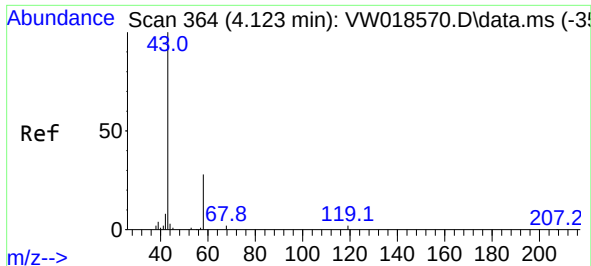
Tgt Ion:101 Resp: 154965
Ion Ratio Lower Upper
101 100
85 45.3 35.6 53.4
151 69.6 58.1 87.1



#12
1,1-Dichloroethene
Concen: 26.51 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 96 Resp: 148281
Ion Ratio Lower Upper
96 100
61 159.6 118.6 220.2
63 92.3 82.4 153.0

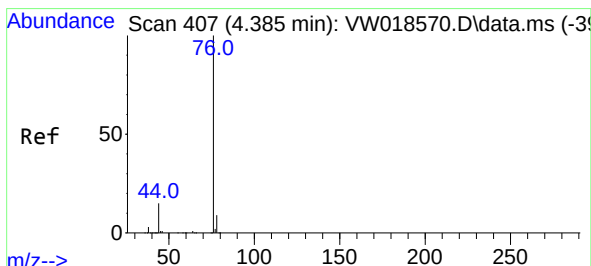
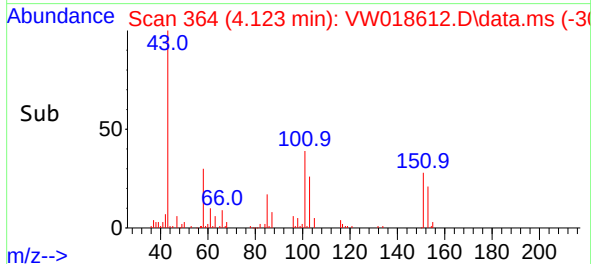
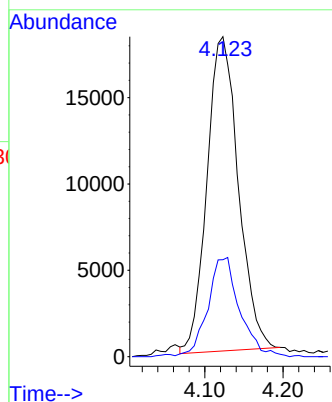
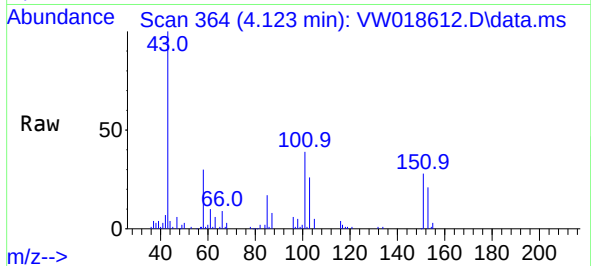




#13
Acetone
Concen: 51.16 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

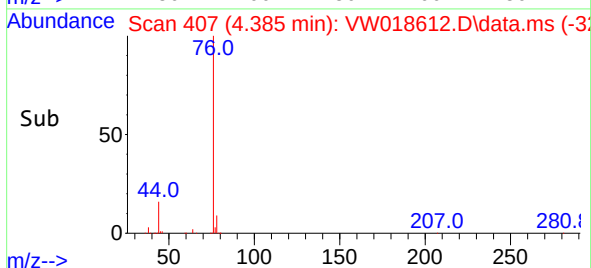
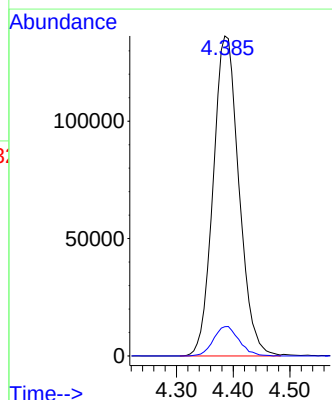
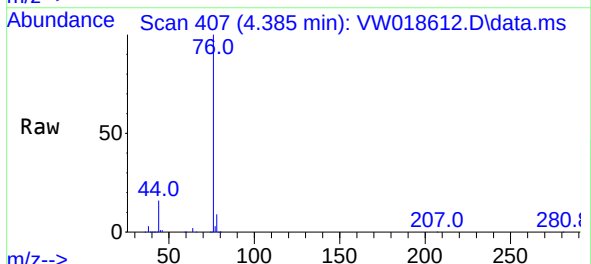
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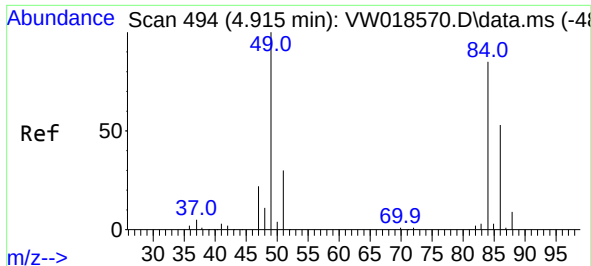
Tgt Ion: 43 Resp: 50735
Ion Ratio Lower Upper
43 100
58 31.4 0.0 62.2



#14
Carbon disulfide
Concen: 25.54 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 430199
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



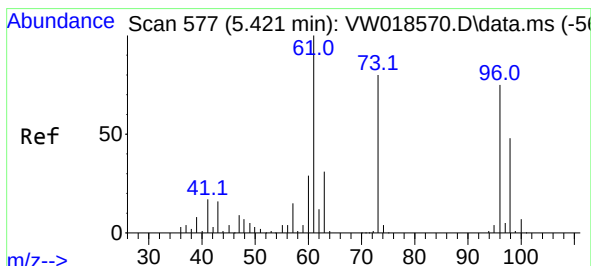
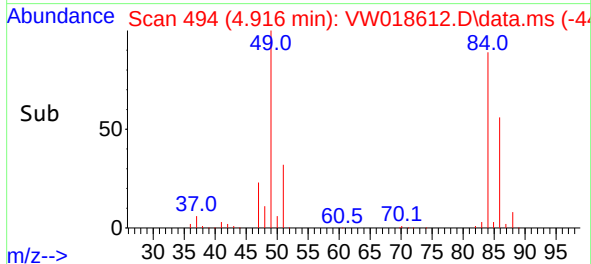
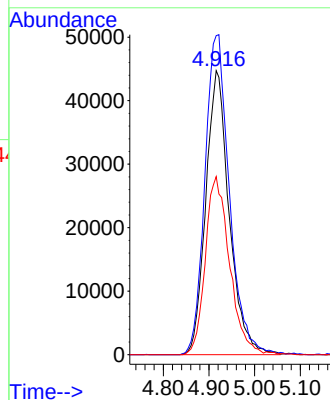
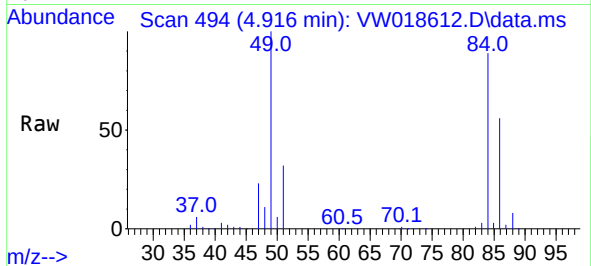


#16
Methylene chloride
Concen: 21.83 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 84 Resp: 159578

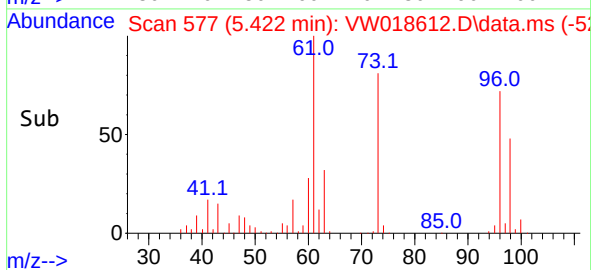
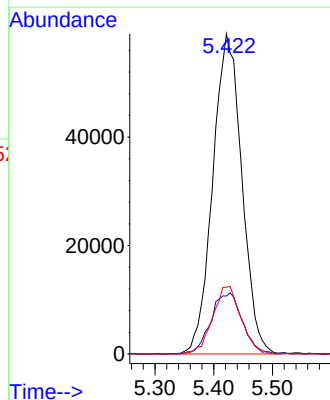
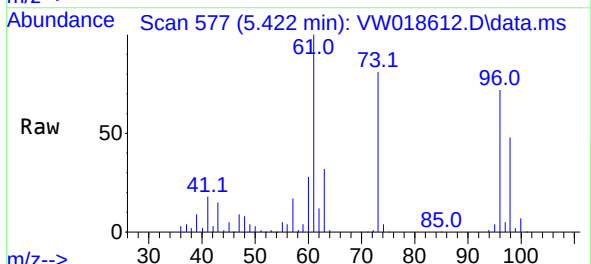
Ion	Ratio	Lower	Upper
84	100		
49	112.4	74.4	138.2
86	62.7	46.1	85.7

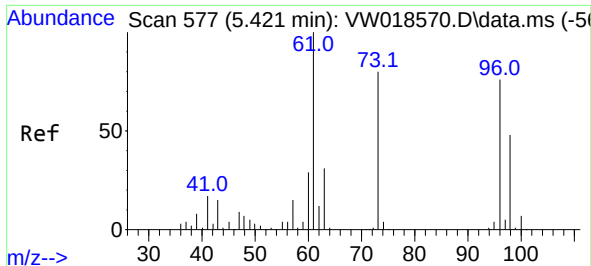


#17
Methyl tert-butyl Ether
Concen: 24.81 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 73 Resp: 202727

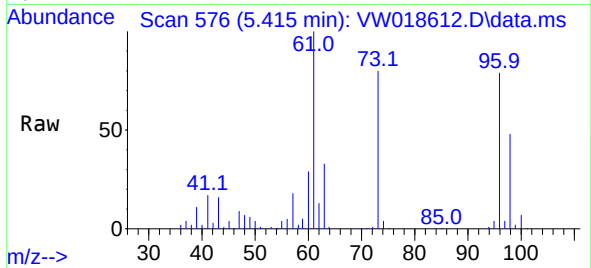
Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.6	24.8
57	20.8	15.9	23.9



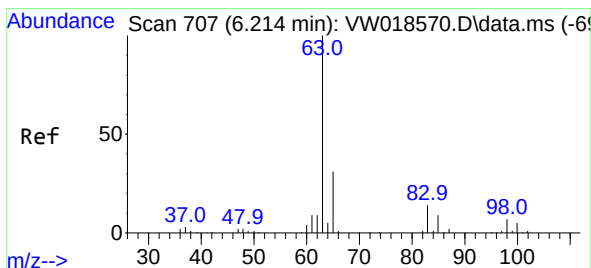
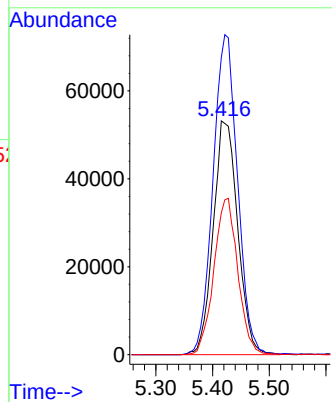
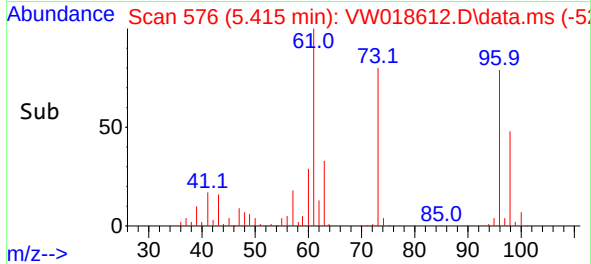


#18
trans-1,2-Dichloroethene
Concen: 25.89 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

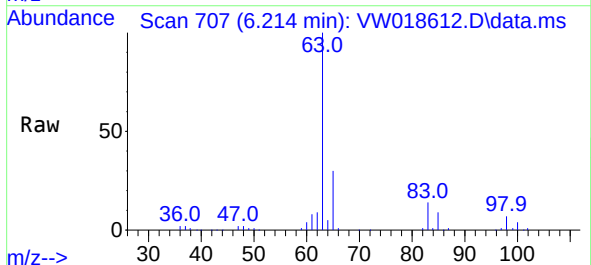
Instrument :
MSVOA_W
ClientSampled :



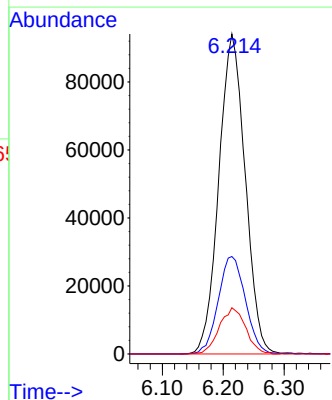
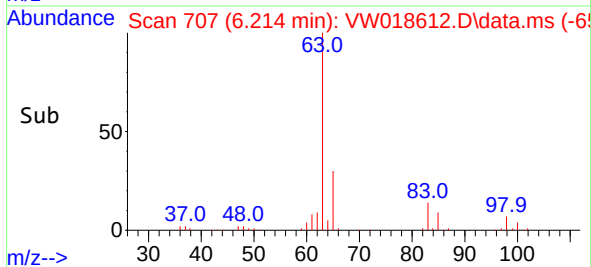
Tgt Ion: 96 Resp: 159846
Ion Ratio Lower Upper
96 100
61 127.2 93.3 173.3
98 60.7 45.2 84.0

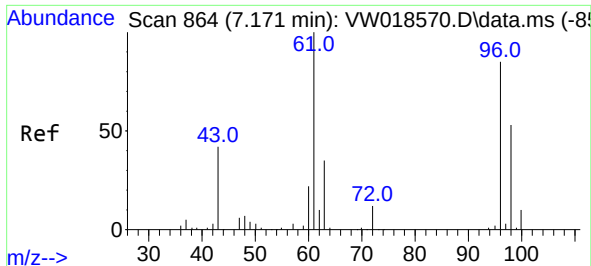


#19
1,1-Dichloroethane
Concen: 26.77 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21



Tgt Ion: 63 Resp: 282067
Ion Ratio Lower Upper
63 100
65 30.5 23.5 43.7
83 14.4 10.3 19.1

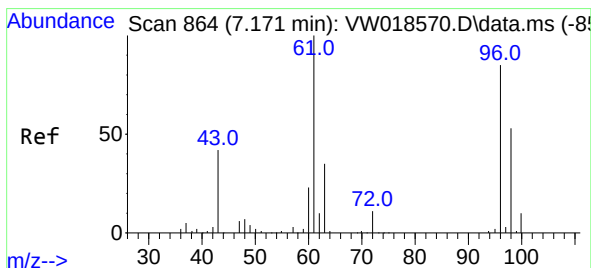
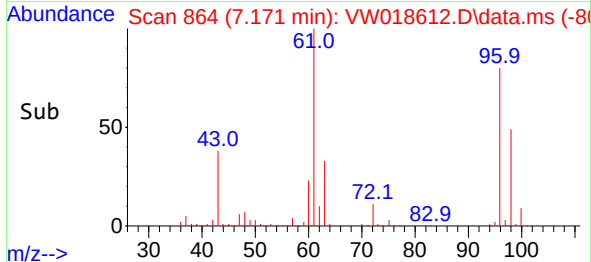
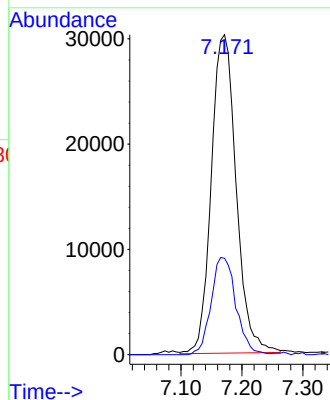
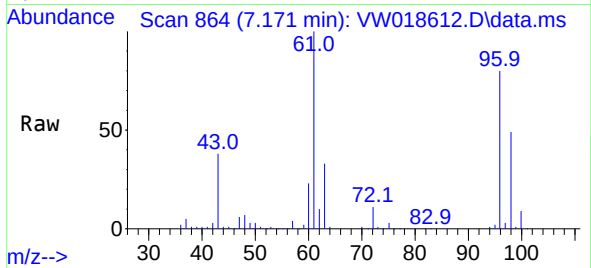




#21
2-Butanone
Concen: 54.53 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

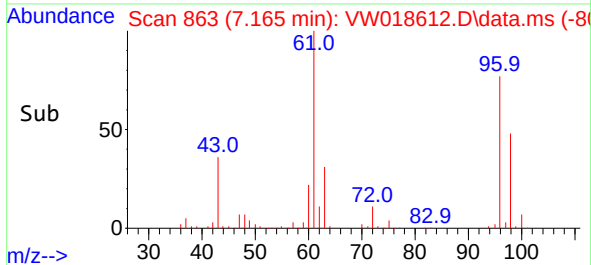
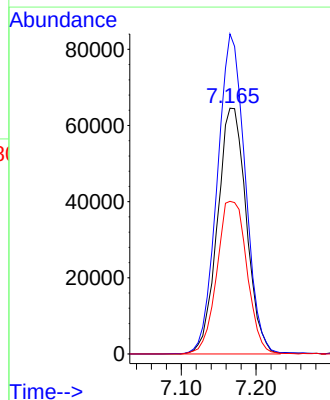
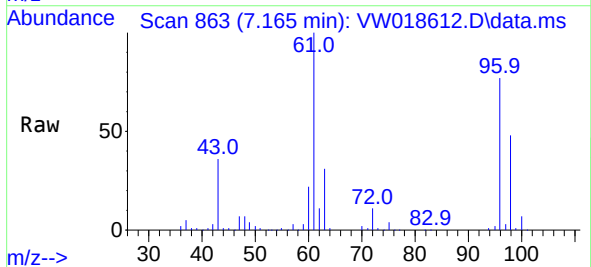
Instrument :
MSVOA_W
ClientSampled :

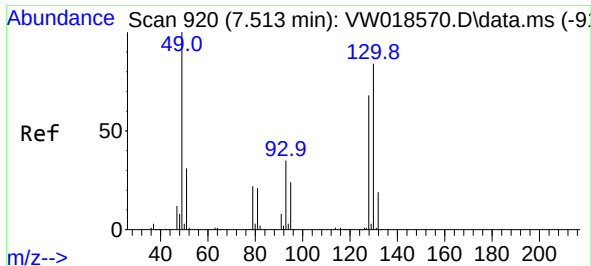
Tgt Ion: 43 Resp: 85921
Ion Ratio Lower Upper
43 100
72 30.5 16.5 49.5



#22
cis-1,2-Dichloroethene
Concen: 26.67 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 96 Resp: 173216
Ion Ratio Lower Upper
96 100
61 130.2 84.8 157.6
98 62.1 45.1 83.9

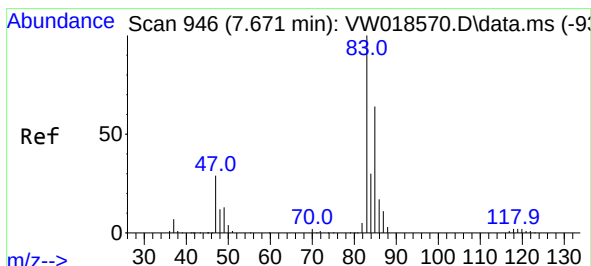
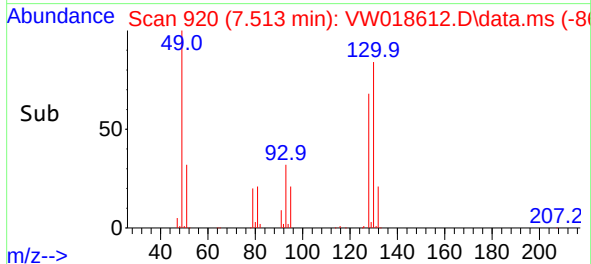
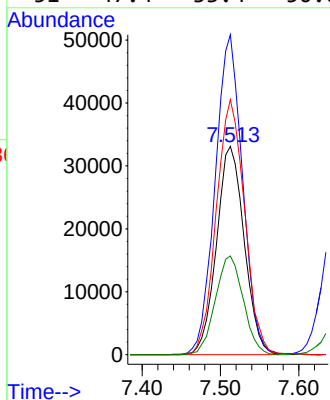
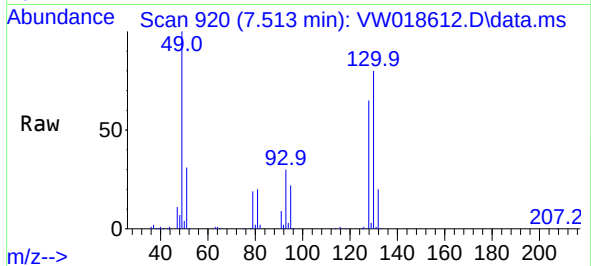




#23
Bromochloromethane
Concen: 28.32 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

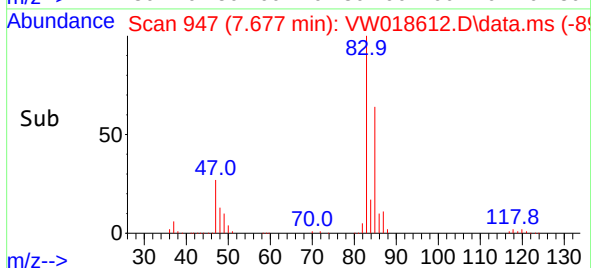
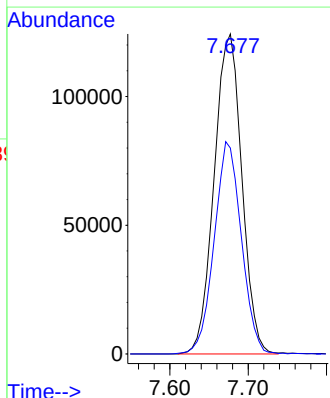
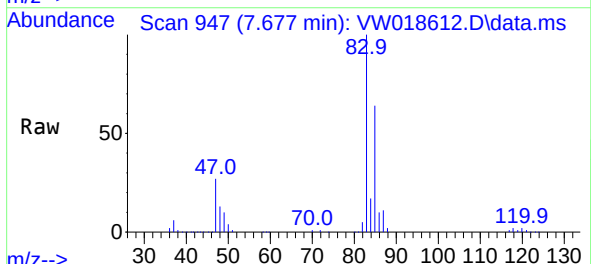
Instrument :
MSVOA_W
ClientSampled :

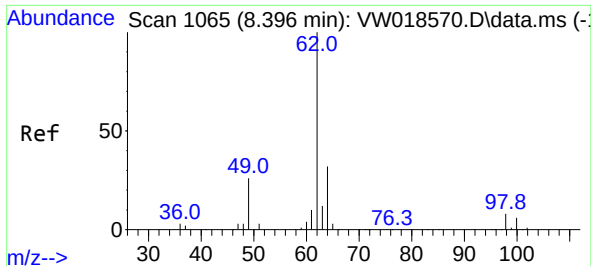
Tgt Ion:	128	Resp:	81409
Ion	Ratio	Lower	Upper
128	100		
49	153.6	92.4	171.6
130	122.4	83.9	155.7
51	47.4	33.4	50.0



#25
Chloroform
Concen: 27.35 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:	83	Resp:	305817
Ion	Ratio	Lower	Upper
83	100		
85	65.0	46.4	86.2

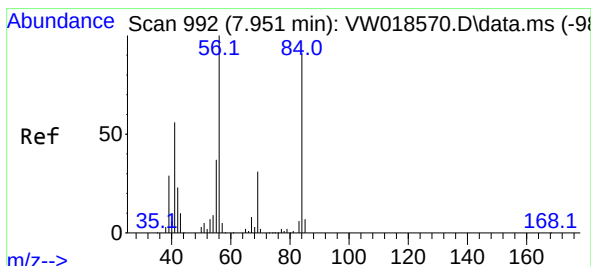
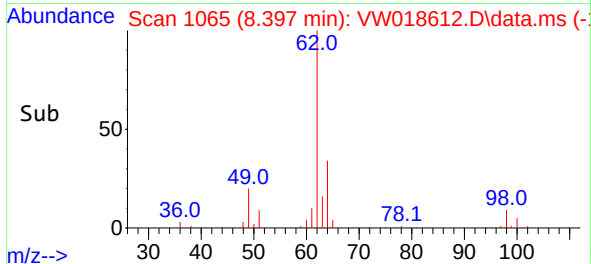
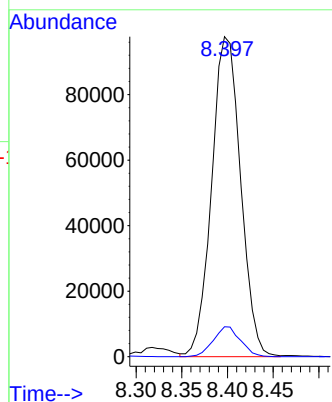
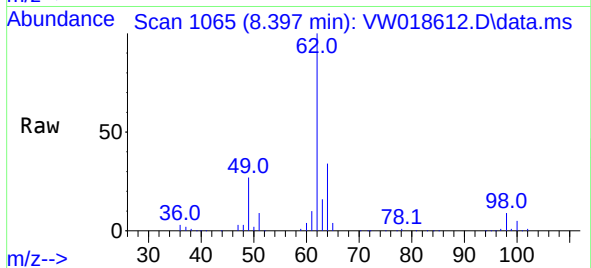




#27
1,2-Dichloroethane
Concen: 27.14 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

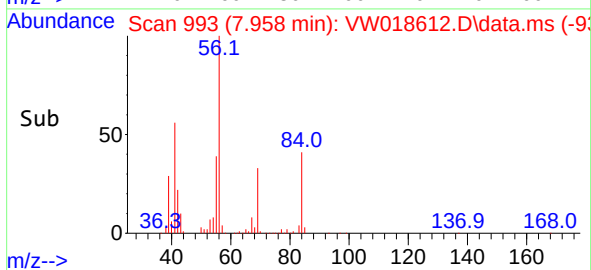
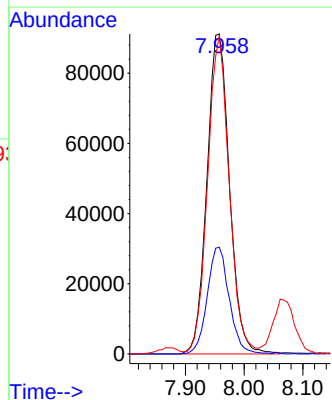
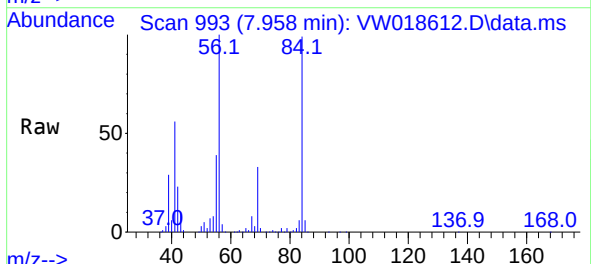
Instrument :
MSVOA_W
ClientSampled :

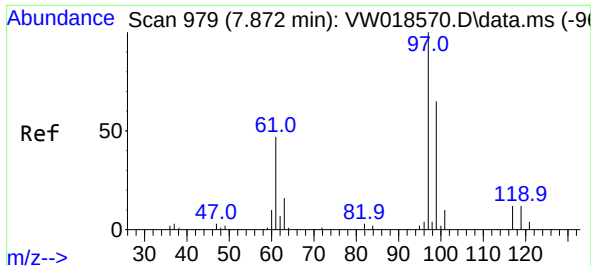
Tgt Ion: 62 Resp: 215296
Ion Ratio Lower Upper
62 100
98 9.4 6.4 9.6



#30
Cyclohexane
Concen: 25.16 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 56 Resp: 244077
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 94.9 79.9 119.9

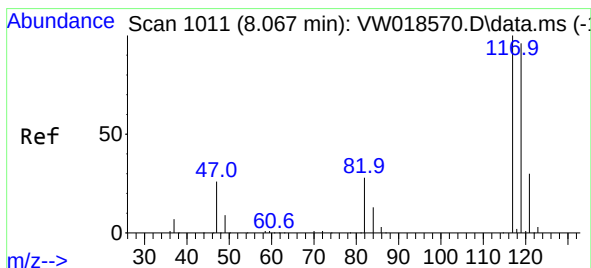
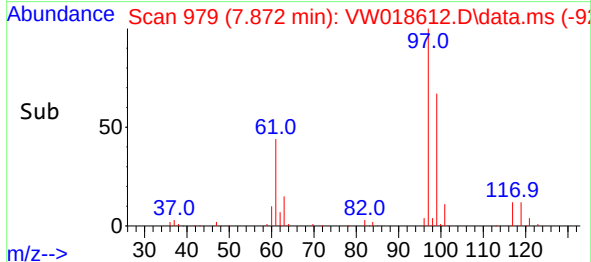
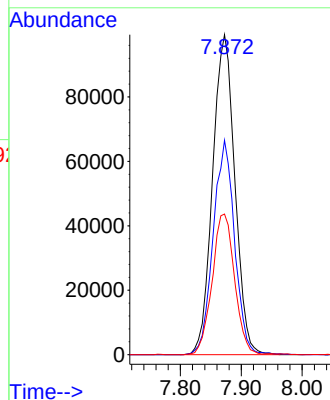
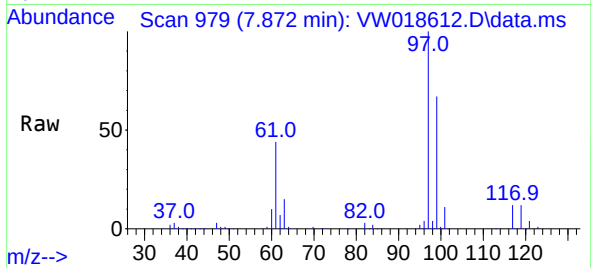




#31
1,1,1-Trichloroethane
Concen: 27.61 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

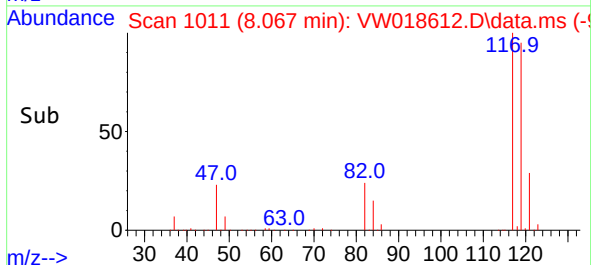
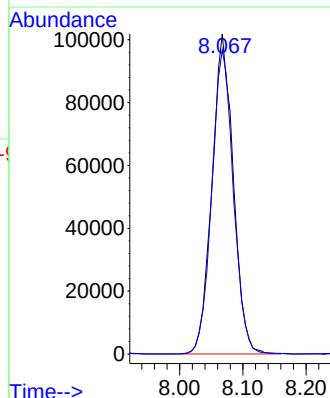
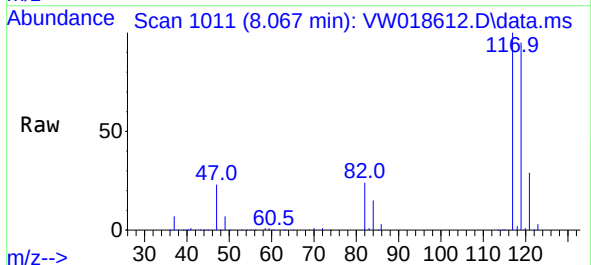
Instrument :
MSVOA_W
ClientSampled :

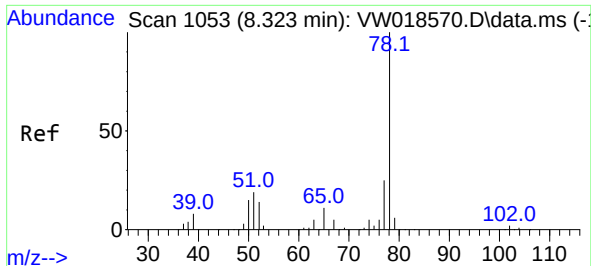
Tgt Ion: 97 Resp: 252171
Ion Ratio Lower Upper
97 100
99 64.6 51.7 77.5
61 44.3 34.8 52.2



#32
Carbon tetrachloride
Concen: 27.91 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 117 Resp: 237482
Ion Ratio Lower Upper
117 100
119 96.7 76.7 115.1

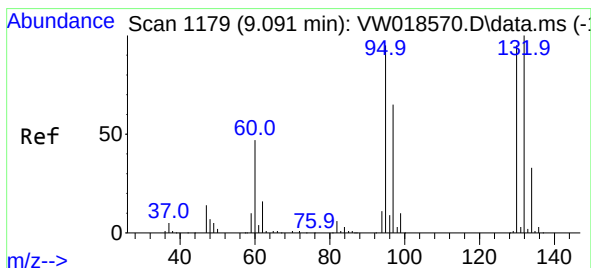
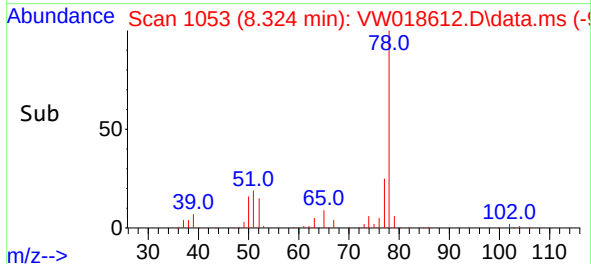
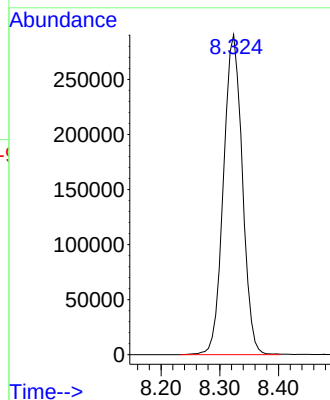
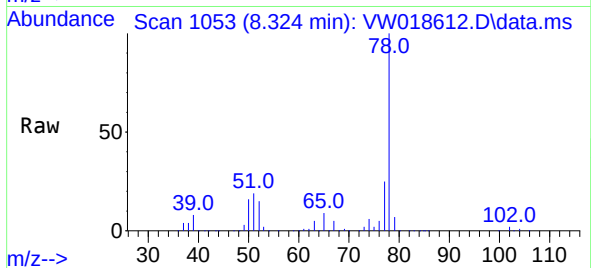




#34
Benzene
Concen: 27.38 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampled :

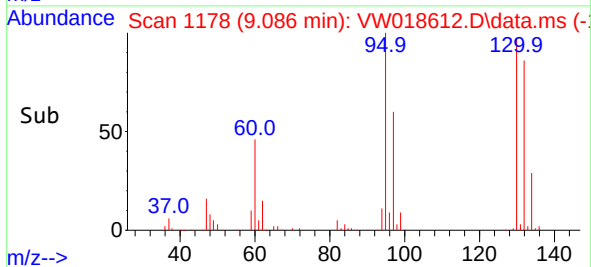
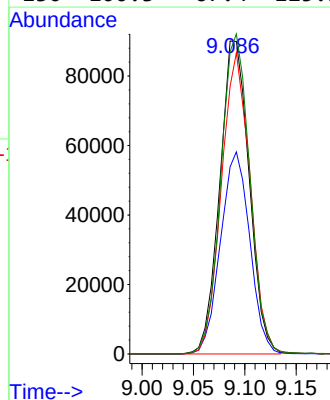
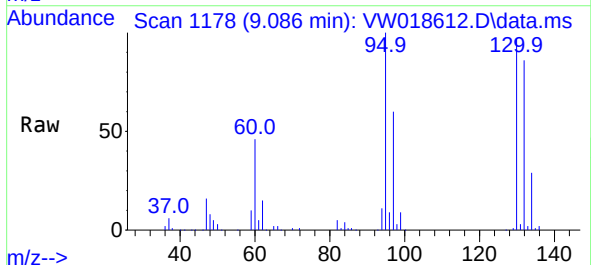
Tgt Ion: 78 Resp: 647983

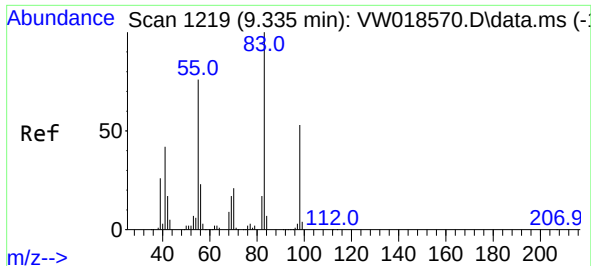


#35
Trichloroethene
Concen: 27.43 ug/L
RT: 9.086 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 95 Resp: 179317

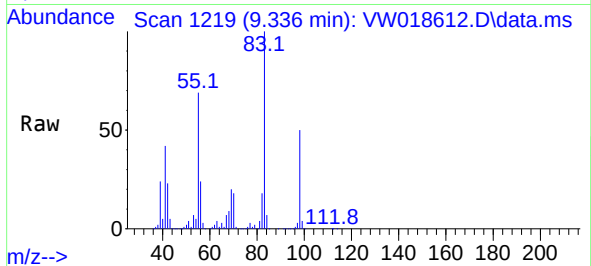
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.4	82.4
132	94.2	65.9	122.5
130	100.3	67.4	125.2



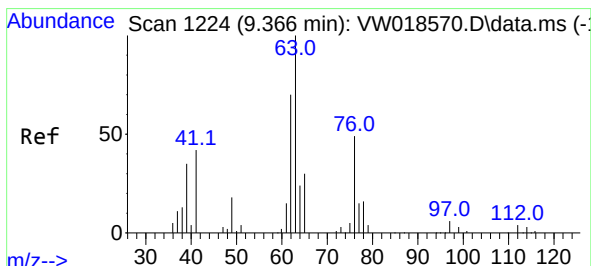
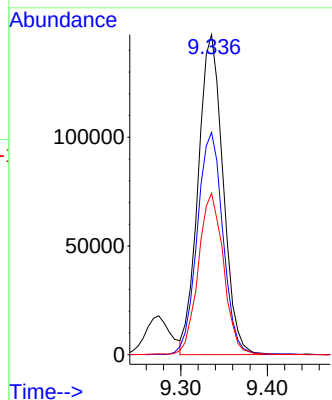
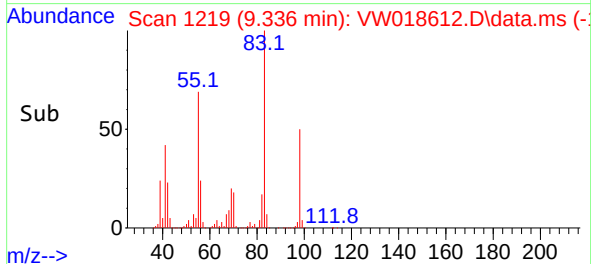


#36
Methylcyclohexane
Concen: 25.69 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

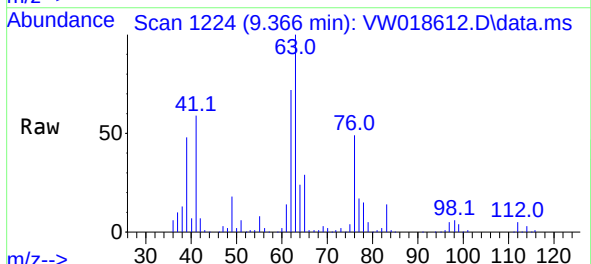
Instrument :
MSVOA_W
ClientSampled :



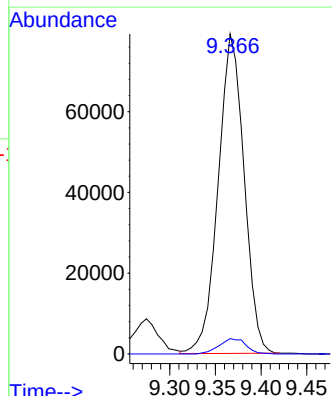
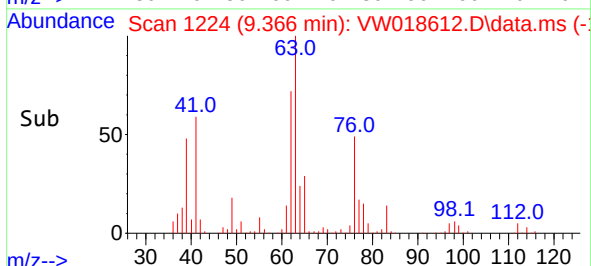
Tgt Ion: 83 Resp: 294045
Ion Ratio Lower Upper
83 100
55 71.6 56.8 85.2
98 51.0 40.6 61.0

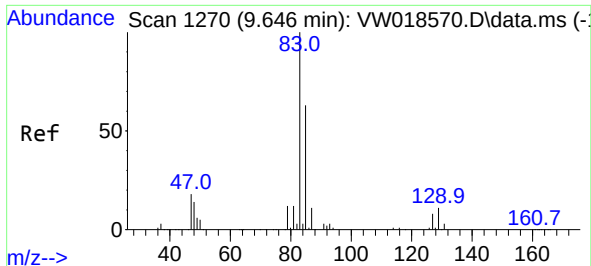


#40
1,2-Dichloropropane
Concen: 26.93 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21



Tgt Ion: 63 Resp: 155903
Ion Ratio Lower Upper
63 100
112 5.0 4.2 6.4

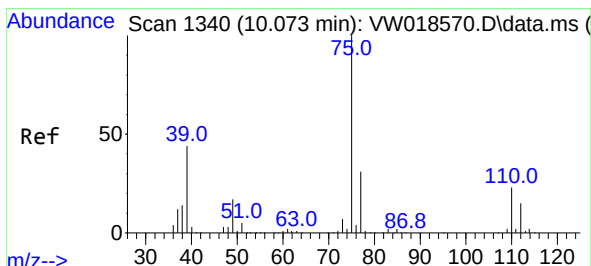
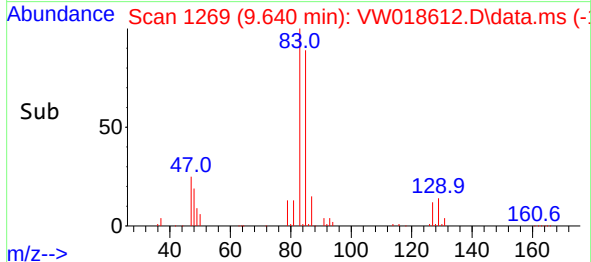
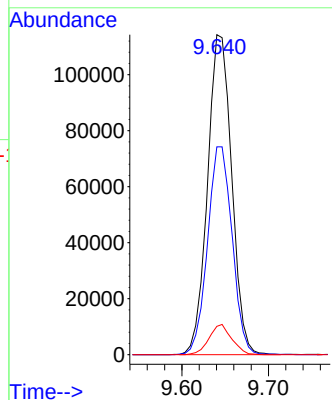
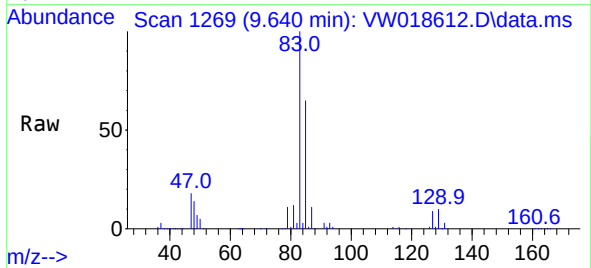




#41
Bromodichloromethane
Concen: 27.11 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

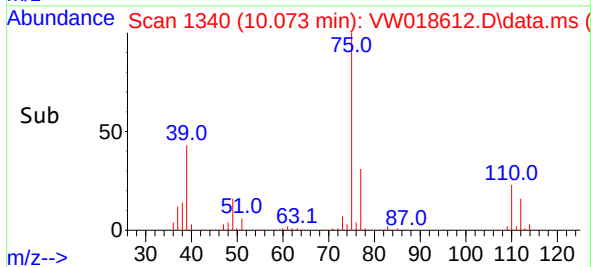
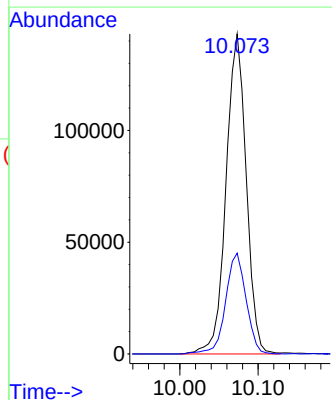
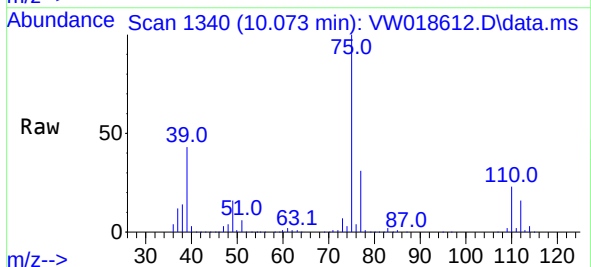
Instrument :
MSVOA_W
ClientSampleId :

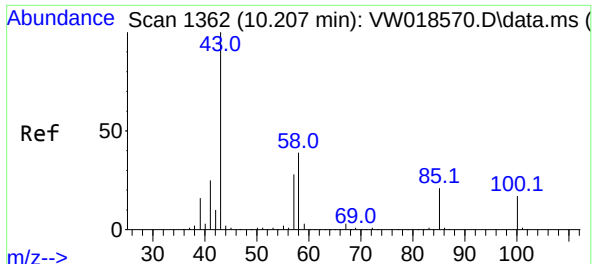
Tgt Ion: 83 Resp: 221843
Ion Ratio Lower Upper
83 100
85 64.9 43.8 81.4
127 8.9 6.9 10.3



#42
cis-1,3-Dichloropropene
Concen: 26.19 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 75 Resp: 256324
Ion Ratio Lower Upper
75 100
77 31.5 22.4 41.6

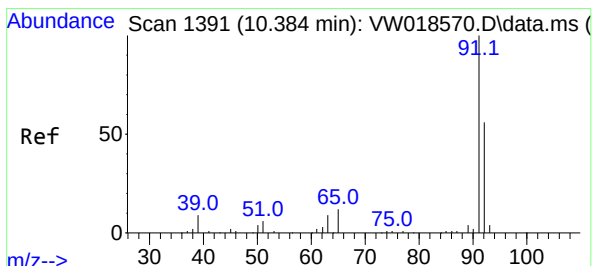
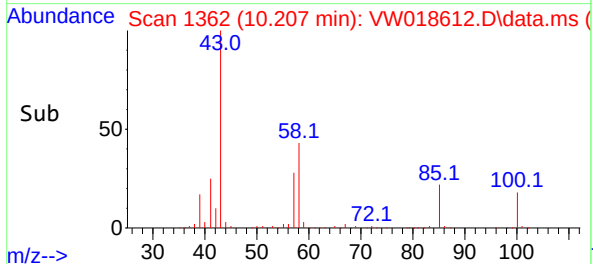
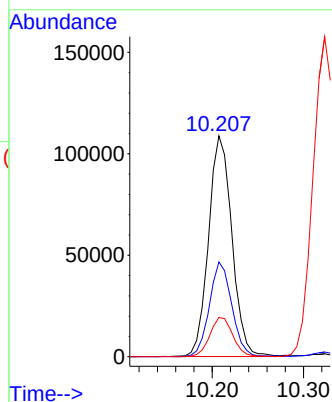
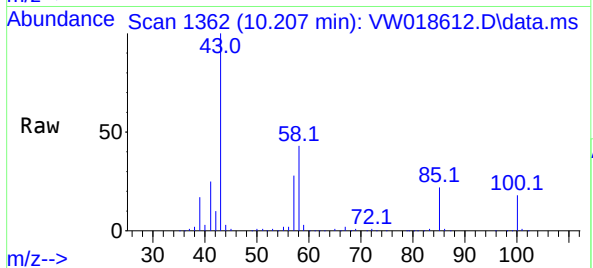




#43
4-Methyl-2-pentanone
Concen: 55.43 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

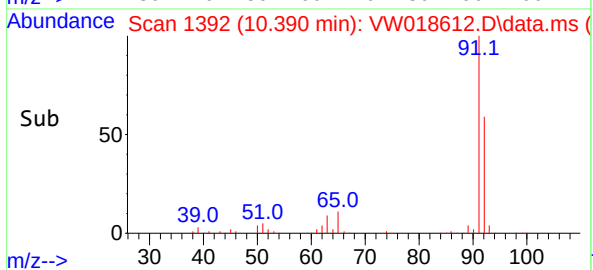
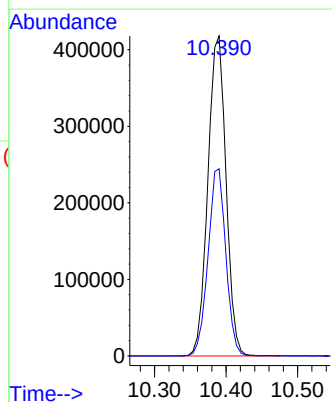
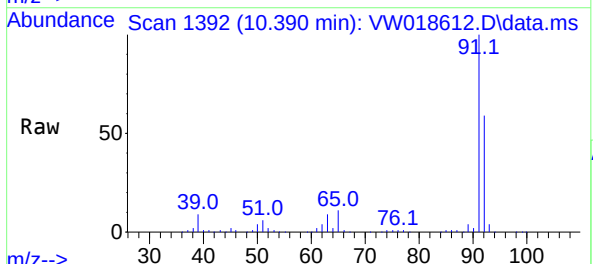
Instrument :
MSVOA_W
ClientSampleId :

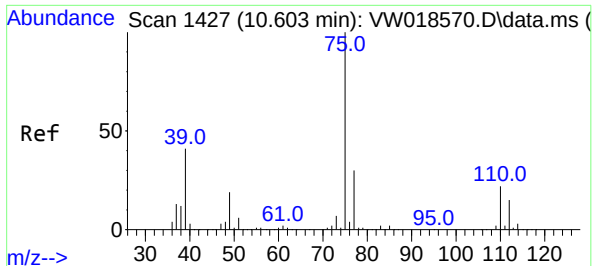
Tgt Ion: 43 Resp: 192940
Ion Ratio Lower Upper
43 100
58 41.4 34.8 52.2
100 17.6 15.9 23.9



#44
Toluene
Concen: 27.40 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 91 Resp: 737061
Ion Ratio Lower Upper
91 100
92 58.5 42.3 78.5

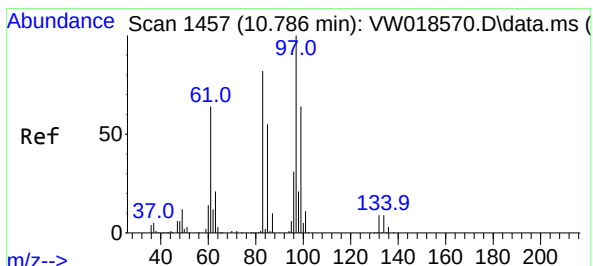
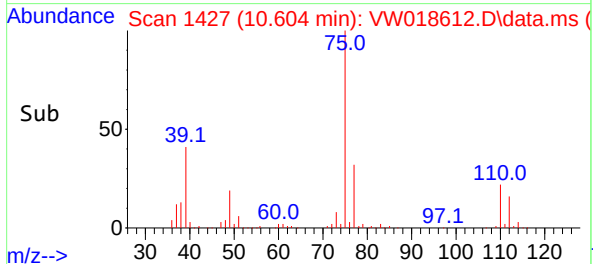
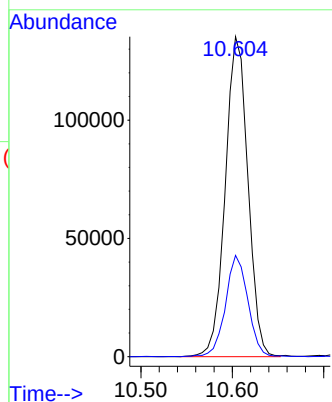
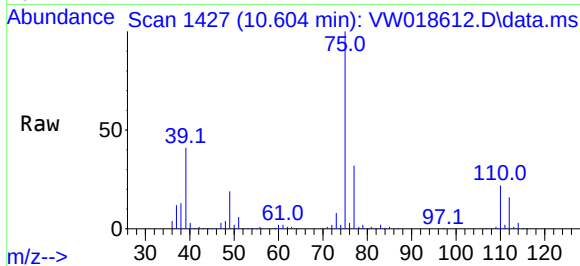




#45
trans-1,3-Dichloropropene
Concen: 26.50 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

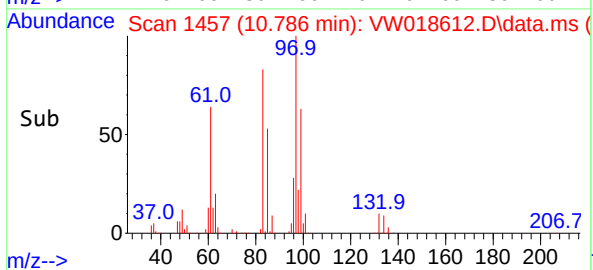
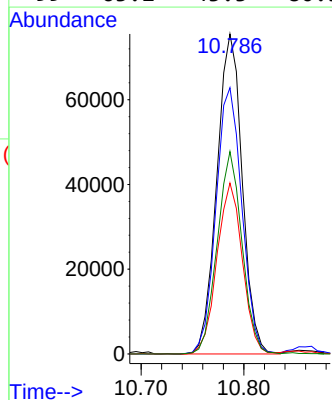
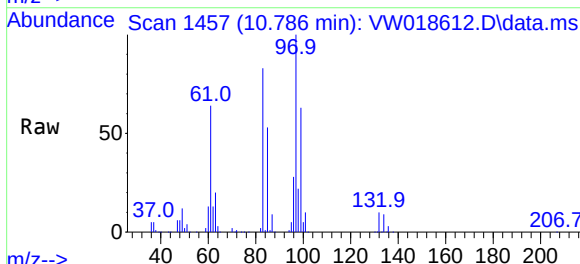
Instrument :
MSVOA_W
ClientSampled :

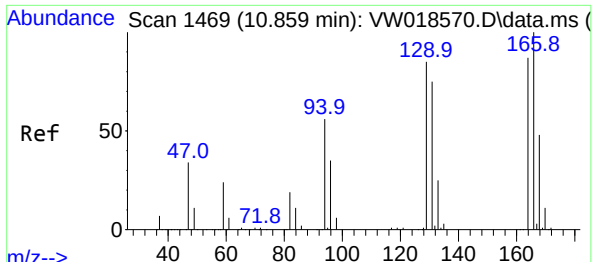
Tgt Ion: 75 Resp: 232862
Ion Ratio Lower Upper
75 100
77 31.7 22.6 42.0



#46
1,1,2-Trichloroethane
Concen: 28.02 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

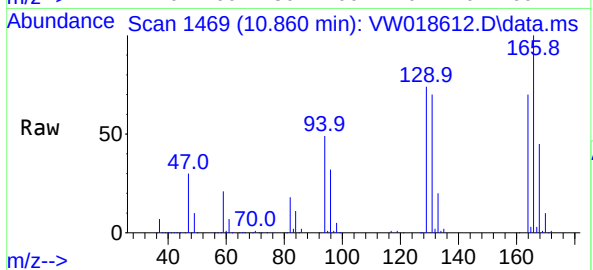
Tgt Ion: 97 Resp: 129313
Ion Ratio Lower Upper
97 100
83 83.2 58.9 109.5
85 53.4 38.4 71.4
99 63.2 43.3 80.3





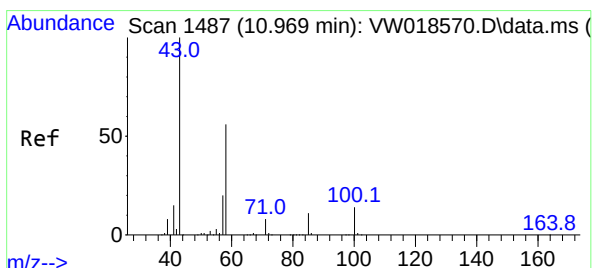
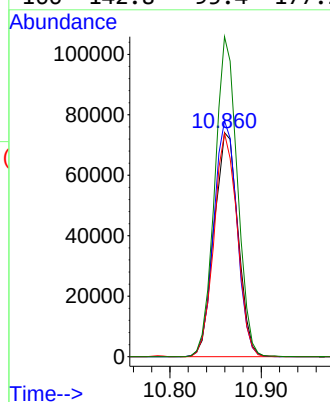
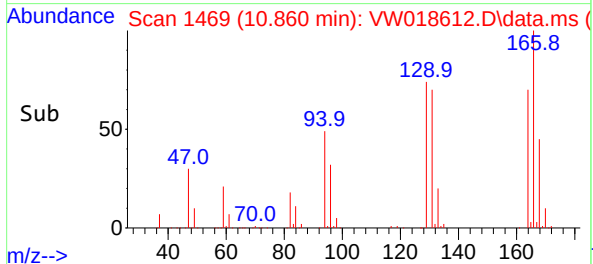
#47
Tetrachloroethene
Concen: 27.20 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampled :

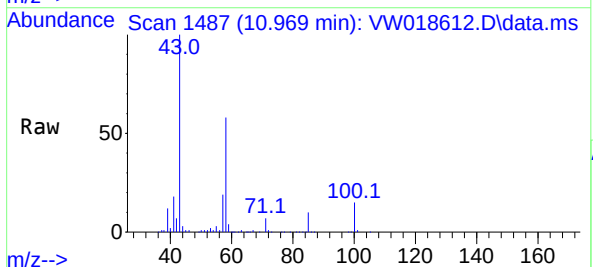


Tgt Ion:164 Resp: 135027

Ion	Ratio	Lower	Upper
164	100		
129	105.2	68.8	127.8
131	99.7	68.3	126.8
166	142.8	95.4	177.2

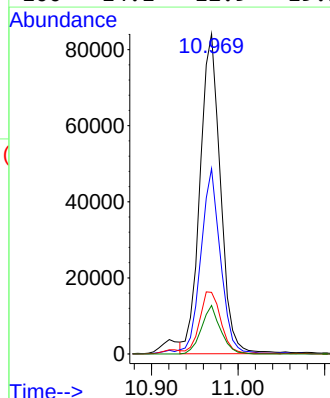
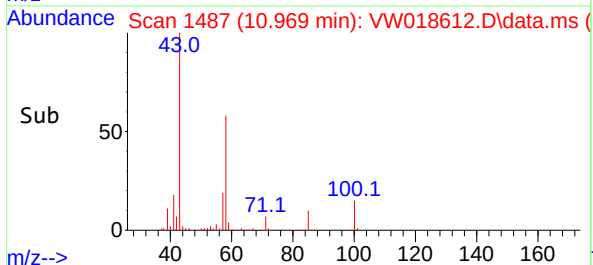


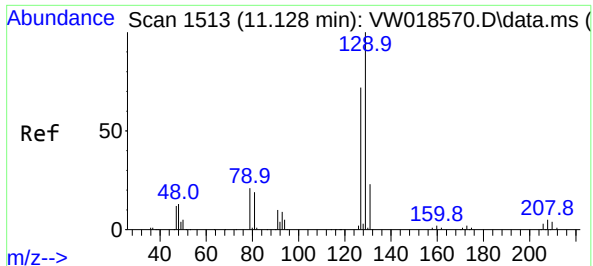
#49
2-Hexanone
Concen: 55.84 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21



Tgt Ion: 43 Resp: 137540

Ion	Ratio	Lower	Upper
43	100		
58	55.8	47.3	70.9
57	20.3	17.3	25.9
100	14.1	12.9	19.3

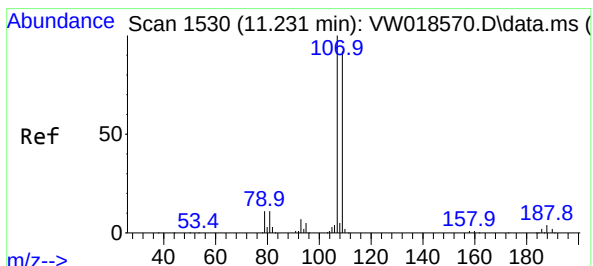
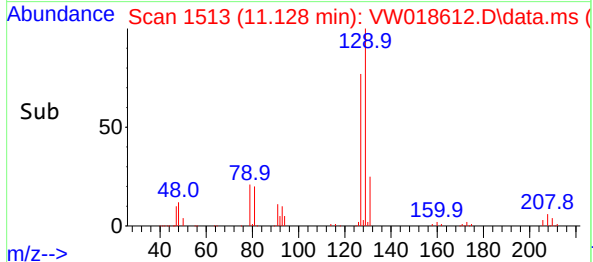
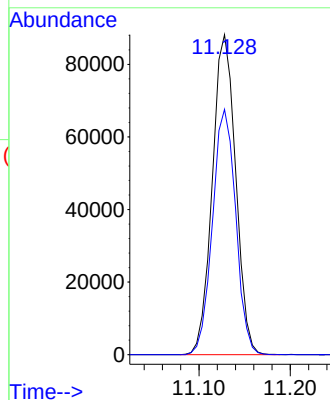
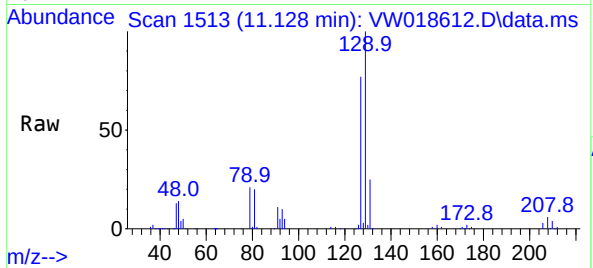




#50
Dibromochloromethane
Concen: 28.76 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

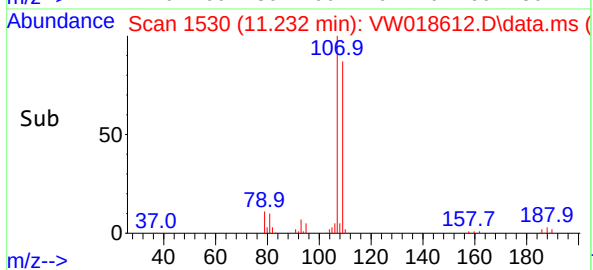
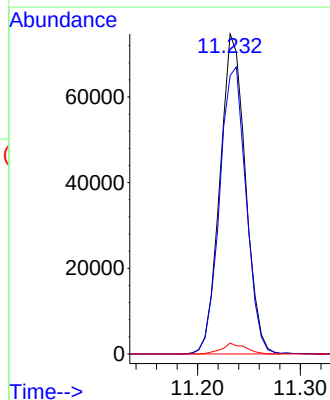
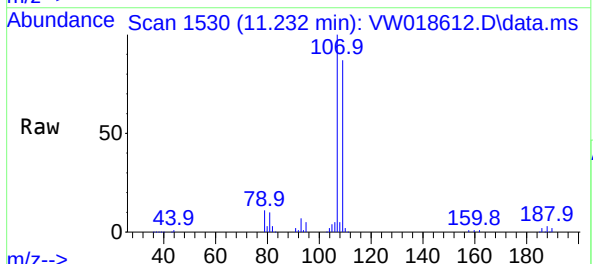
Instrument :
MSVOA_W
ClientSampled :

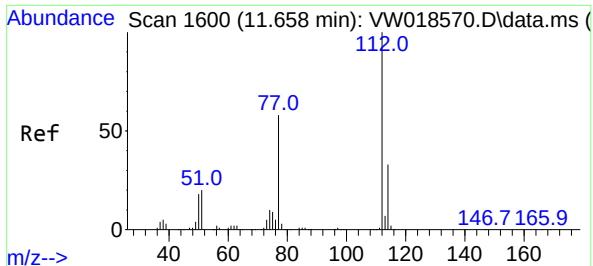
Tgt Ion:129 Resp: 156504
Ion Ratio Lower Upper
129 100
127 76.6 58.0 107.6



#51
1,2-Dibromoethane
Concen: 28.15 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

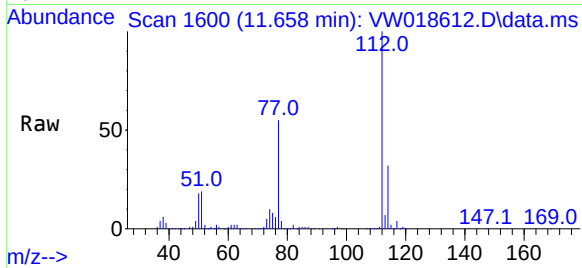
Tgt Ion:107 Resp: 128680
Ion Ratio Lower Upper
107 100
109 87.0 65.9 122.5
188 3.4 3.0 4.4



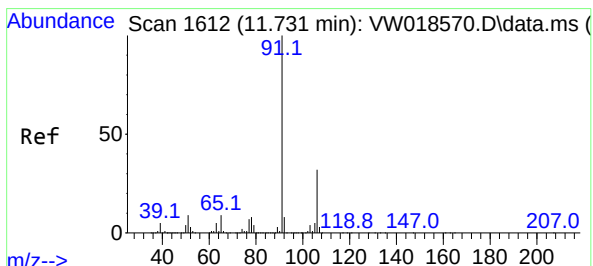
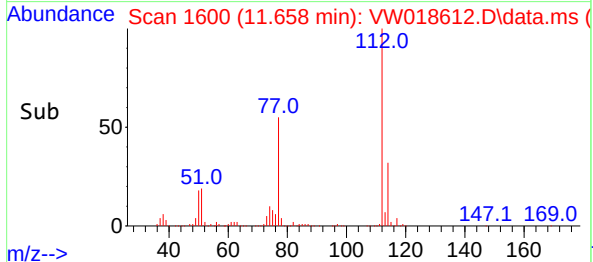
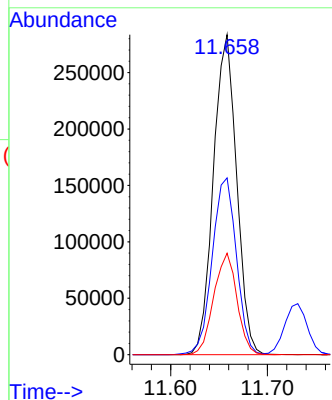


#52
Chlorobenzene
Concen: 27.72 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Instrument :
MSVOA_W
ClientSampleId :

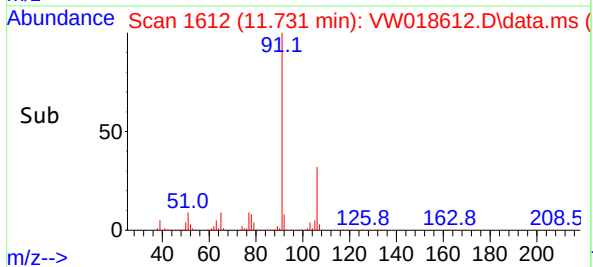
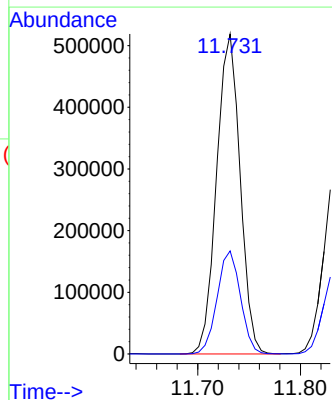
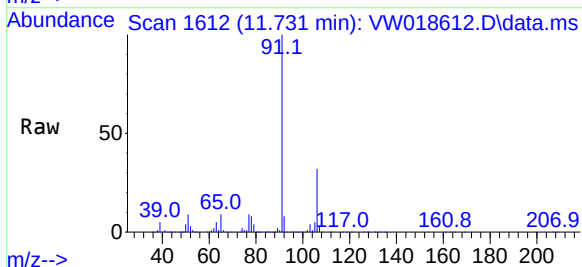


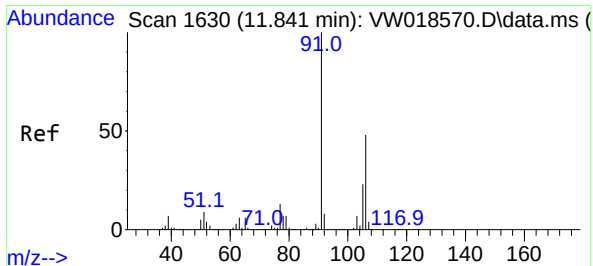
Tgt Ion:112 Resp: 472910
Ion Ratio Lower Upper
112 100
77 55.3 45.4 68.2
114 31.7 22.5 41.9



#53
Ethylbenzene
Concen: 27.14 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 91 Resp: 822945
Ion Ratio Lower Upper
91 100
106 32.2 21.7 40.3

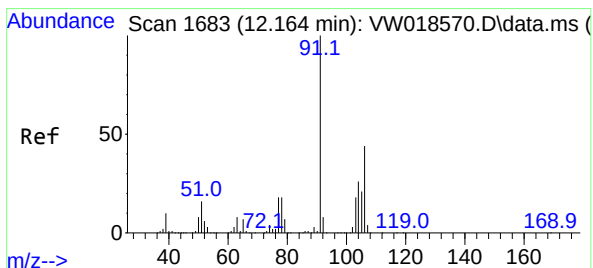
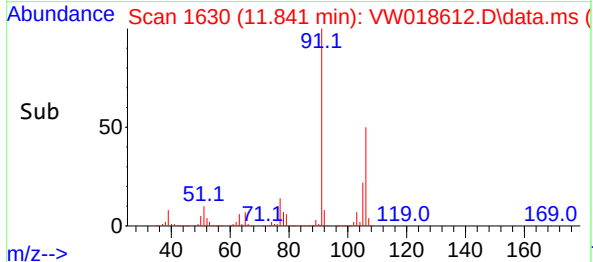
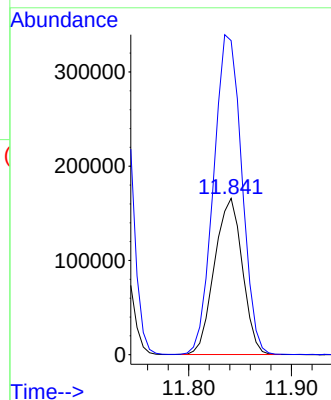
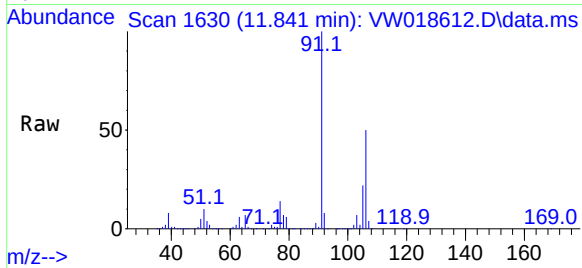




#54
m,p-Xylene
Concen: 26.91 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

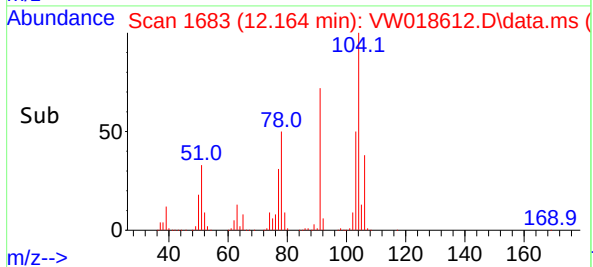
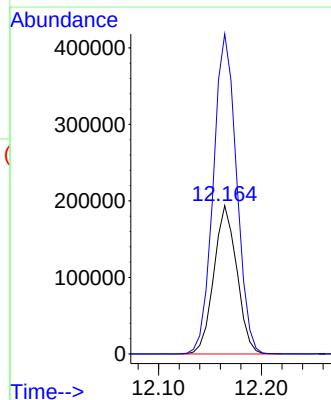
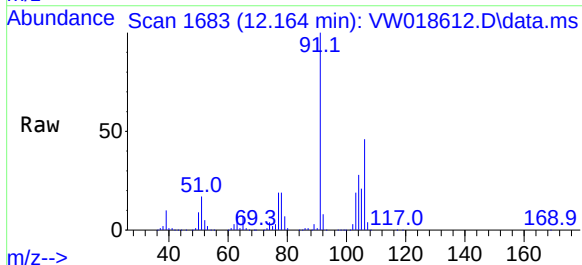
Instrument :
MSVOA_W
ClientSampleId :

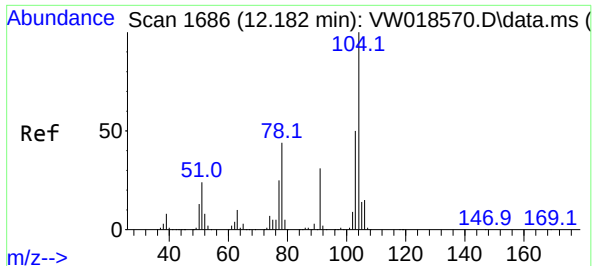
Tgt Ion:106 Resp: 311916
Ion Ratio Lower Upper
106 100
91 201.0 145.3 269.8



#55
o-xylene
Concen: 27.24 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:106 Resp: 300909
Ion Ratio Lower Upper
106 100
91 215.8 154.3 286.5

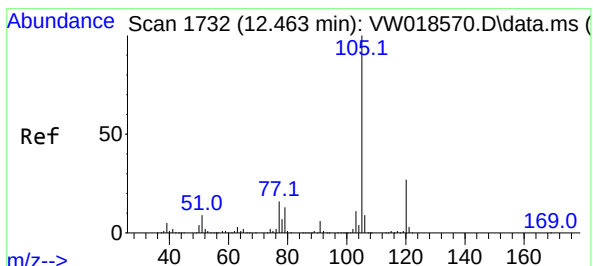
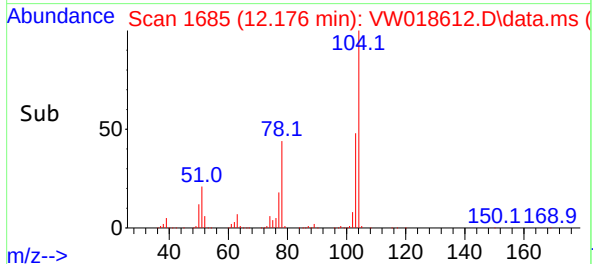
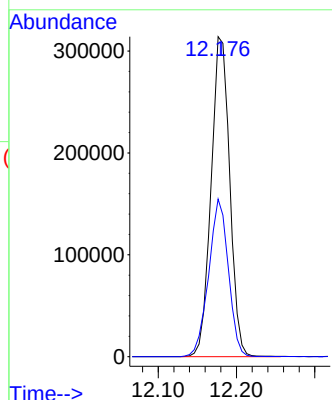
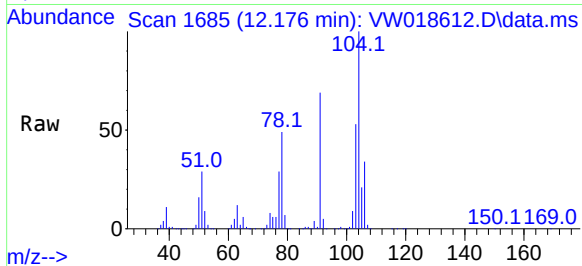




#56
Styrene
Concen: 27.51 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

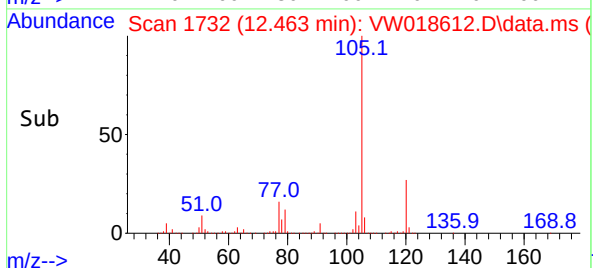
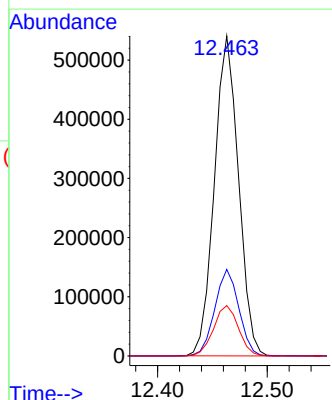
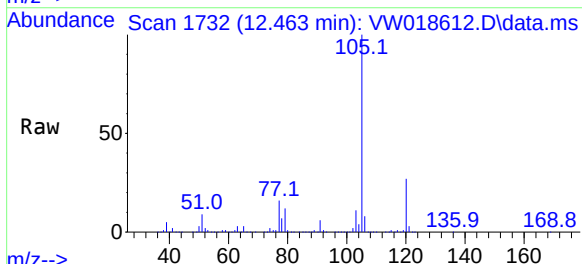
Instrument :
MSVOA_W
ClientSampled :

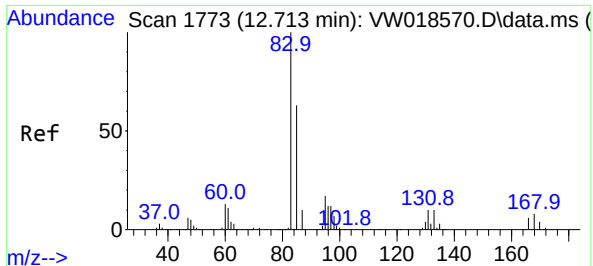
Tgt Ion:104 Resp: 518261
Ion Ratio Lower Upper
104 100
78 49.2 34.7 64.5



#57
Isopropylbenzene
Concen: 27.48 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:105 Resp: 825704
Ion Ratio Lower Upper
105 100
120 27.0 20.9 31.3
77 16.2 13.2 19.8

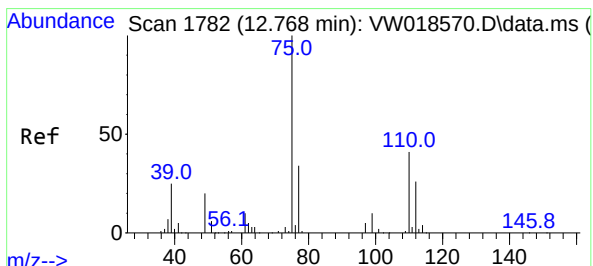
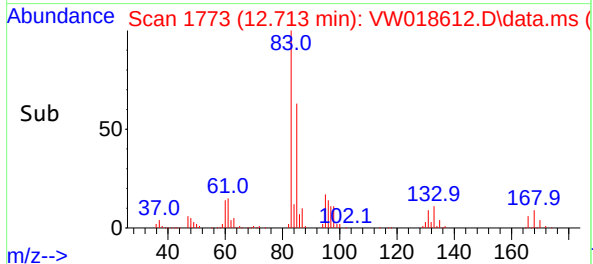
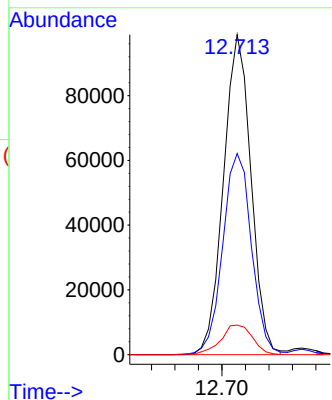
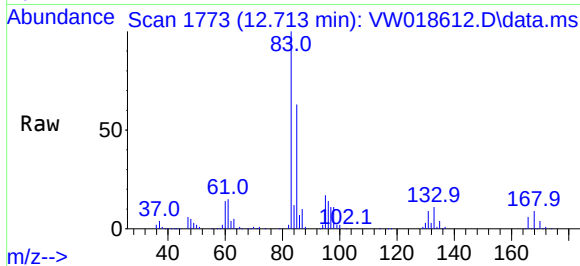




#58
1,1,2,2-Tetrachloroethane
Concen: 28.81 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

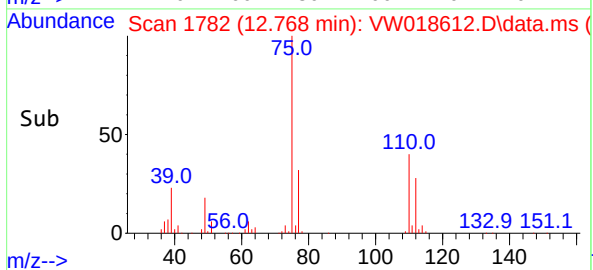
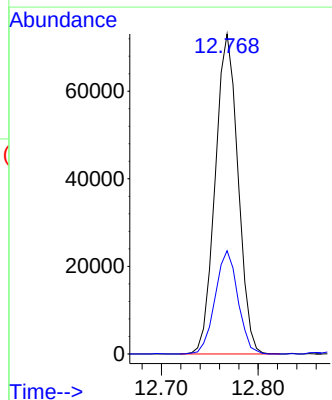
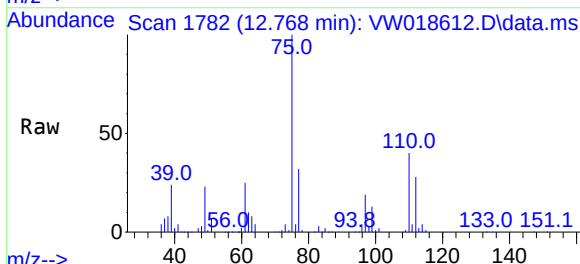
Instrument :
MSVOA_W
ClientSampled :

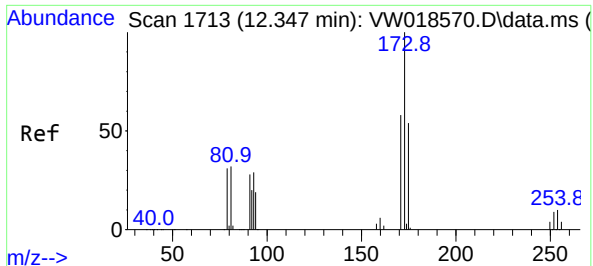
Tgt Ion: 83 Resp: 160908
Ion Ratio Lower Upper
83 100
85 62.9 49.0 91.0
131 9.2 8.7 13.1



#59
1,2,3-Trichloropropane
Concen: 28.36 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion: 75 Resp: 119619
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

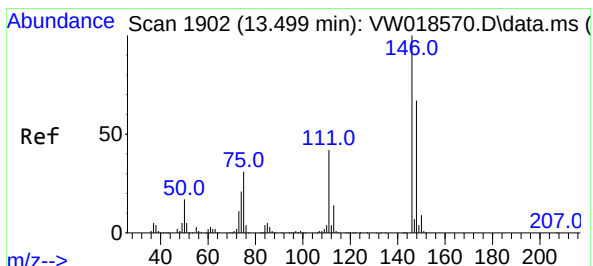
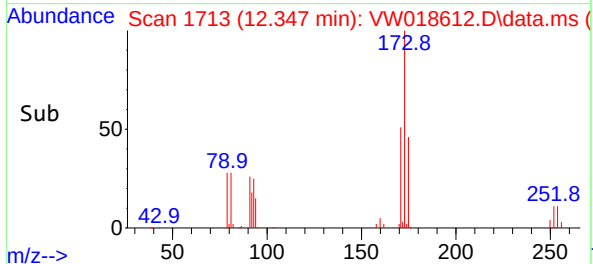
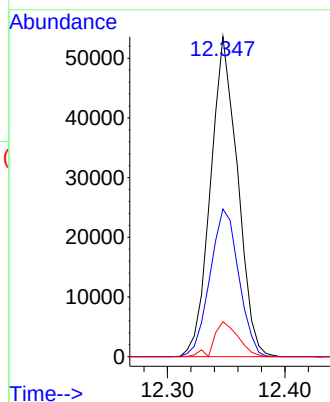
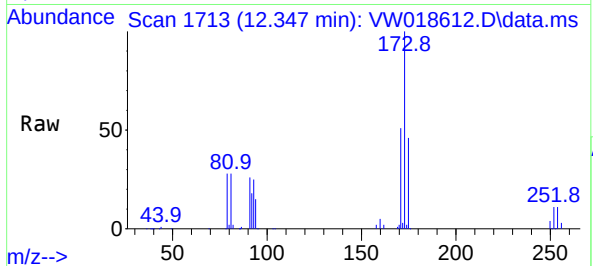




#62
Bromoform
Concen: 25.71 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

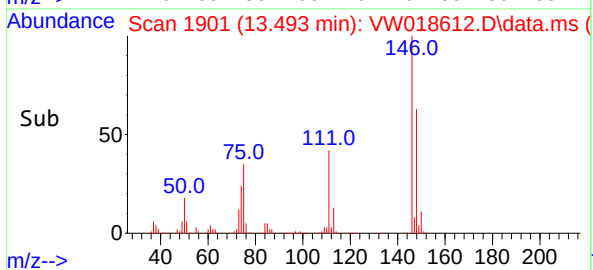
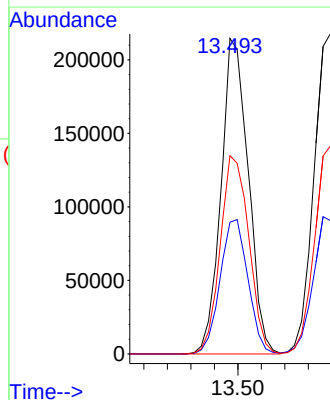
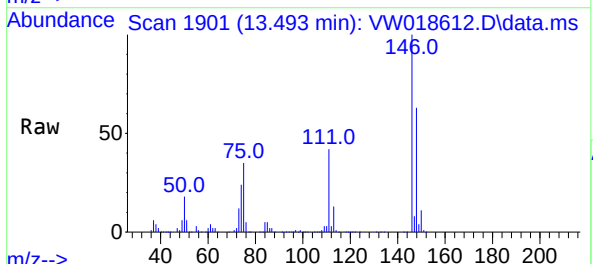
Instrument :
MSVOA_W
ClientSampled :

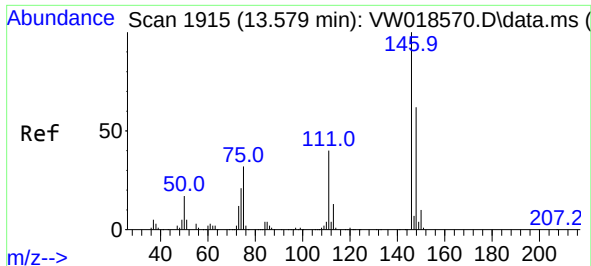
Tgt Ion:173 Resp: 85856
Ion Ratio Lower Upper
173 100
175 49.0 38.2 57.2
254 9.1 6.0 9.0#



#63
1,3-Dichlorobenzene
Concen: 24.82 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:146 Resp: 345974
Ion Ratio Lower Upper
146 100
111 41.7 27.5 51.1
148 62.8 43.0 80.0

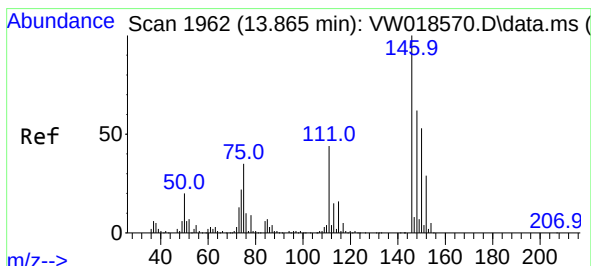
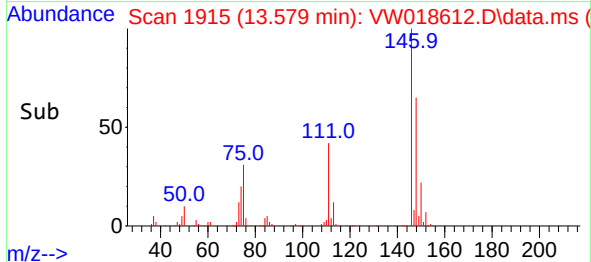
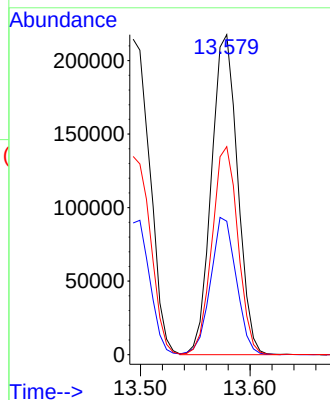
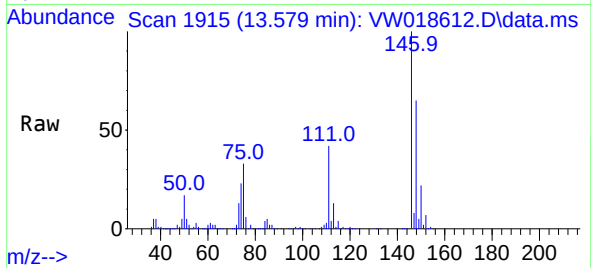




#64
1,4-Dichlorobenzene
Concen: 25.72 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

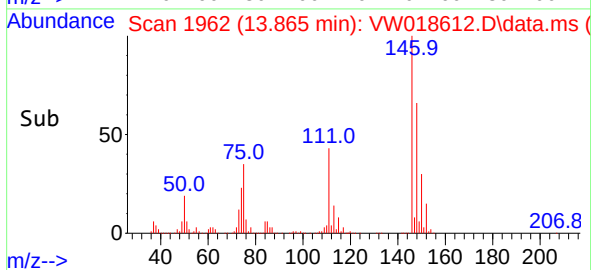
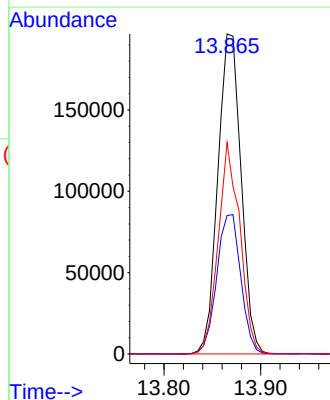
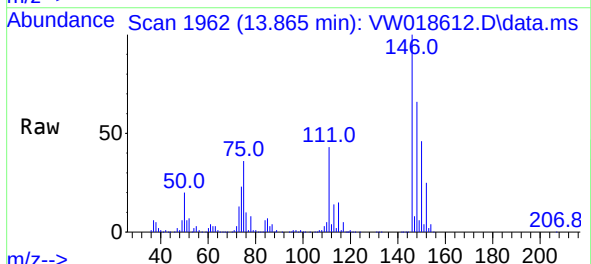
Instrument :
MSVOA_W
ClientSampled :

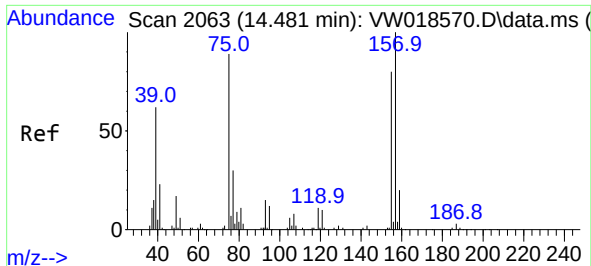
Tgt Ion:146 Resp: 361727
Ion Ratio Lower Upper
146 100
111 41.7 28.3 52.5
148 65.0 47.3 87.9



#65
1,2-Dichlorobenzene
Concen: 26.38 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:146 Resp: 328641
Ion Ratio Lower Upper
146 100
111 43.2 36.0 54.0
148 66.1 50.2 75.4

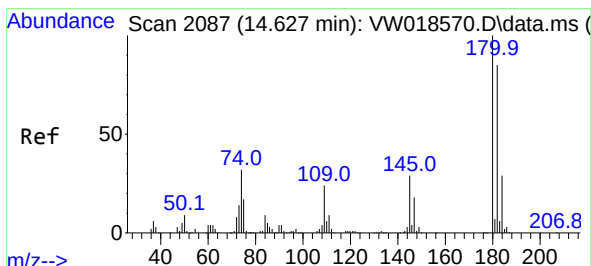
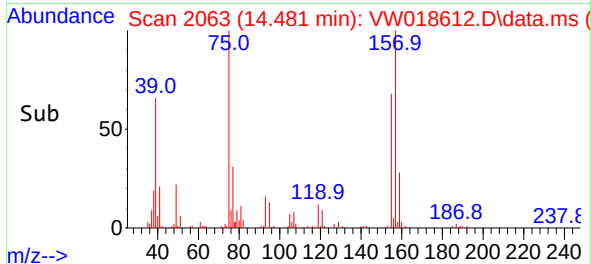
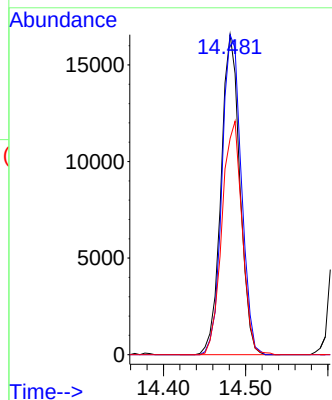
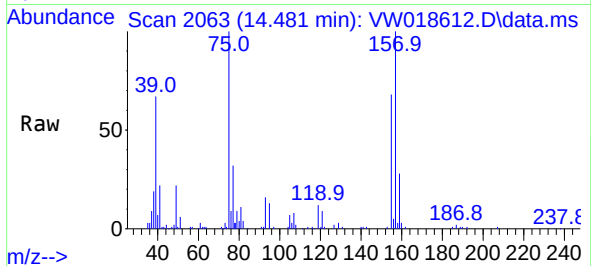




#66
1,2-Dibromo-3-chloropropane
Concen: 23.43 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

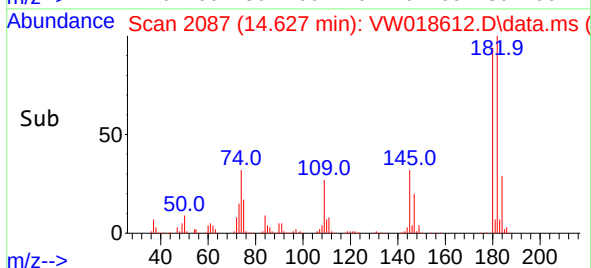
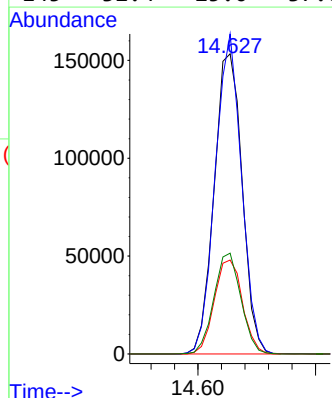
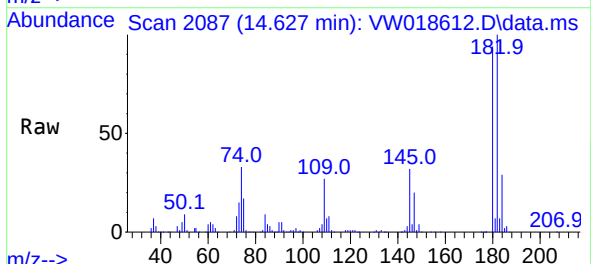
Instrument :
MSVOA_W
ClientSampled :

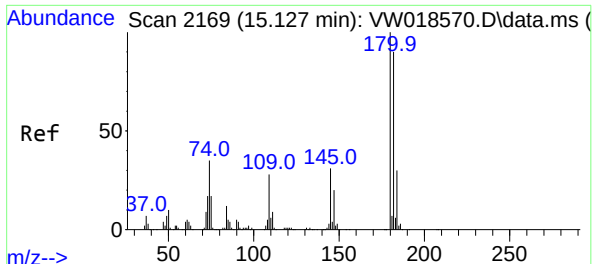
Tgt Ion: 75 Resp: 26385
Ion Ratio Lower Upper
75 100
157 100.0 65.2 97.8#
155 67.6 60.1 90.1



#67
1,3,5-Trichlorobenzene
Concen: 25.25 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:180 Resp: 253831
Ion Ratio Lower Upper
180 100
182 100.1 71.8 107.8
184 31.5 23.5 35.3
145 32.4 25.0 37.6

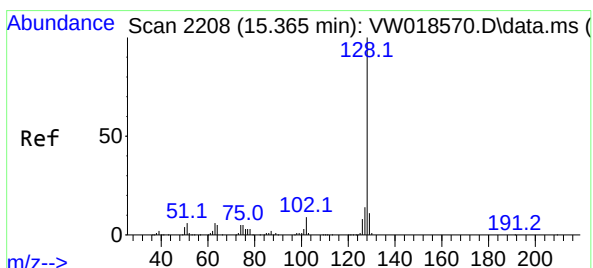
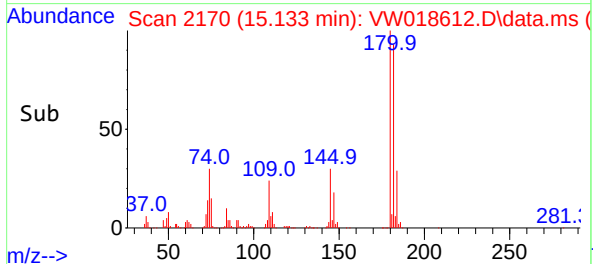
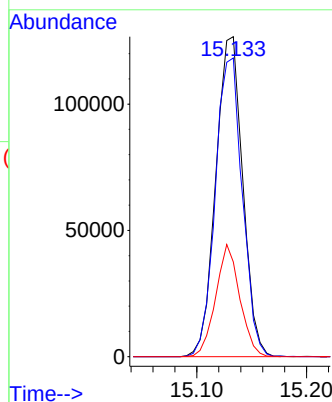
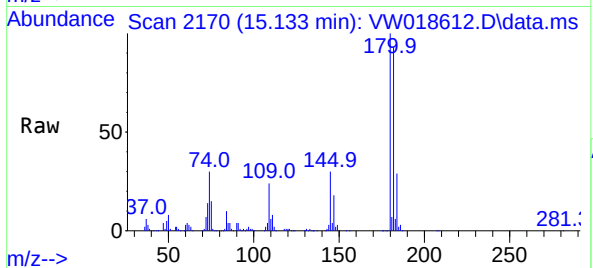




#68
1,2,4-trichlorobenzene
Concen: 25.31 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

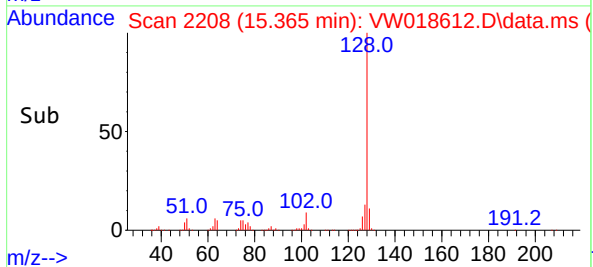
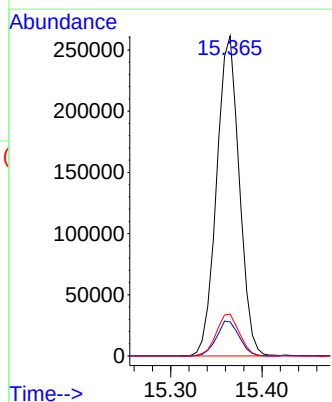
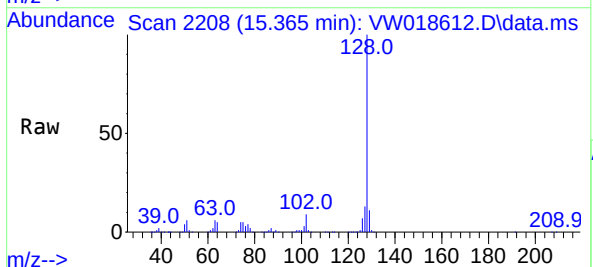
Instrument :
MSVOA_W
ClientSampleId :

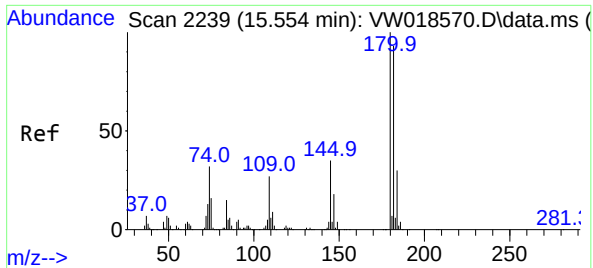
Tgt Ion:180 Resp: 216532
Ion Ratio Lower Upper
180 100
182 93.8 70.2 105.4
145 31.4 24.9 37.3



#69
Naphthalene
Concen: 25.30 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018612.D
Acq: 09 Apr 2021 10:21

Tgt Ion:128 Resp: 450646
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.4 10.7 16.1





1,2,3-Trichlorobenzene
 Concen: 25.49 ug/L
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.006 min
 Lab File: VW018612.D
 Acq: 09 Apr 2021 10:21

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 190245
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.5 114.7
 145 33.6 27.7 41.5

