

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020221\
 Data File : VW018006.D
 Acq On : 02 Feb 2021 12:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Feb 03 00:12:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 29 16:24:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	419409	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	383668	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	201665	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	137911	26.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	105.84%		
7) Chloroethane-d5	2.892	69	109952	26.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	106.32%		
10) 1,1-Dichloroethene-d2	4.025	63	281376	27.00	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	108.00%		
20) 2-Butanone-d5	7.074	46	58838	42.30	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.60%		
24) Chloroform-d	7.647	84	299122	27.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	108.72%		
26) 1,2-Dichloroethane-d4	8.305	65	150284	25.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.52%		
29) Benzene-d6	8.269	84	585332	27.78	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	111.12%		
33) 1,2-Dichloropropane-d6	9.275	67	162301	27.55	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.20%		
37) Toluene-d8	10.323	98	560765	27.98	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	111.92%		
38) trans-1,3-Dichloroprop...	10.579	79	73323	27.45	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	109.80%		
39) 2-Hexanone-d5	10.921	63	48932	43.44	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.88%		
48) 1,1,2,2-Tetrachloroeth...	12.695	84	122007	23.57	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	94.28%		
61) 1,2-Dichlorobenzene-d4	13.853	152	197853	27.50	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	110.00%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	134513	23.70	ug/L	100
3) Chloromethane	2.215	50	98664	23.60	ug/L	99
5) Vinyl chloride	2.367	62	143658	24.92	ug/L	100
6) Bromomethane	2.782	94	96955	23.65	ug/L	100
8) Chloroethane	2.928	64	83688	24.30	ug/L	100
9) Trichlorofluoromethane	3.263	101	100247	24.05	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	146687	24.63	ug/L #	68
12) 1,1-Dichloroethene	4.044	96	140129	25.00	ug/L	98
13) Acetone	4.117	43	35150	34.16	ug/L	98
14) Carbon disulfide	4.385	76	421355	25.82	ug/L	99
15) Methyl Acetate	4.666	43	44035	19.29	ug/L	98
16) Methylene chloride	4.916	84	133120	19.81	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	140503	22.33	ug/L	98
18) trans-1,2-Dichloroethene	5.422	96	145619	24.31	ug/L	95
19) 1,1-Dichloroethane	6.214	63	234004	24.21	ug/L	100
21) 2-Butanone	7.165	43	56679	36.18	ug/L	94
22) cis-1,2-Dichloroethene	7.165	96	149163	24.01	ug/L	98
23) Bromochloromethane	7.507	128	68756	23.03	ug/L	91
25) Chloroform	7.671	83	251371	23.83	ug/L	99
27) 1,2-Dichloroethane	8.397	62	150902	22.04	ug/L	98

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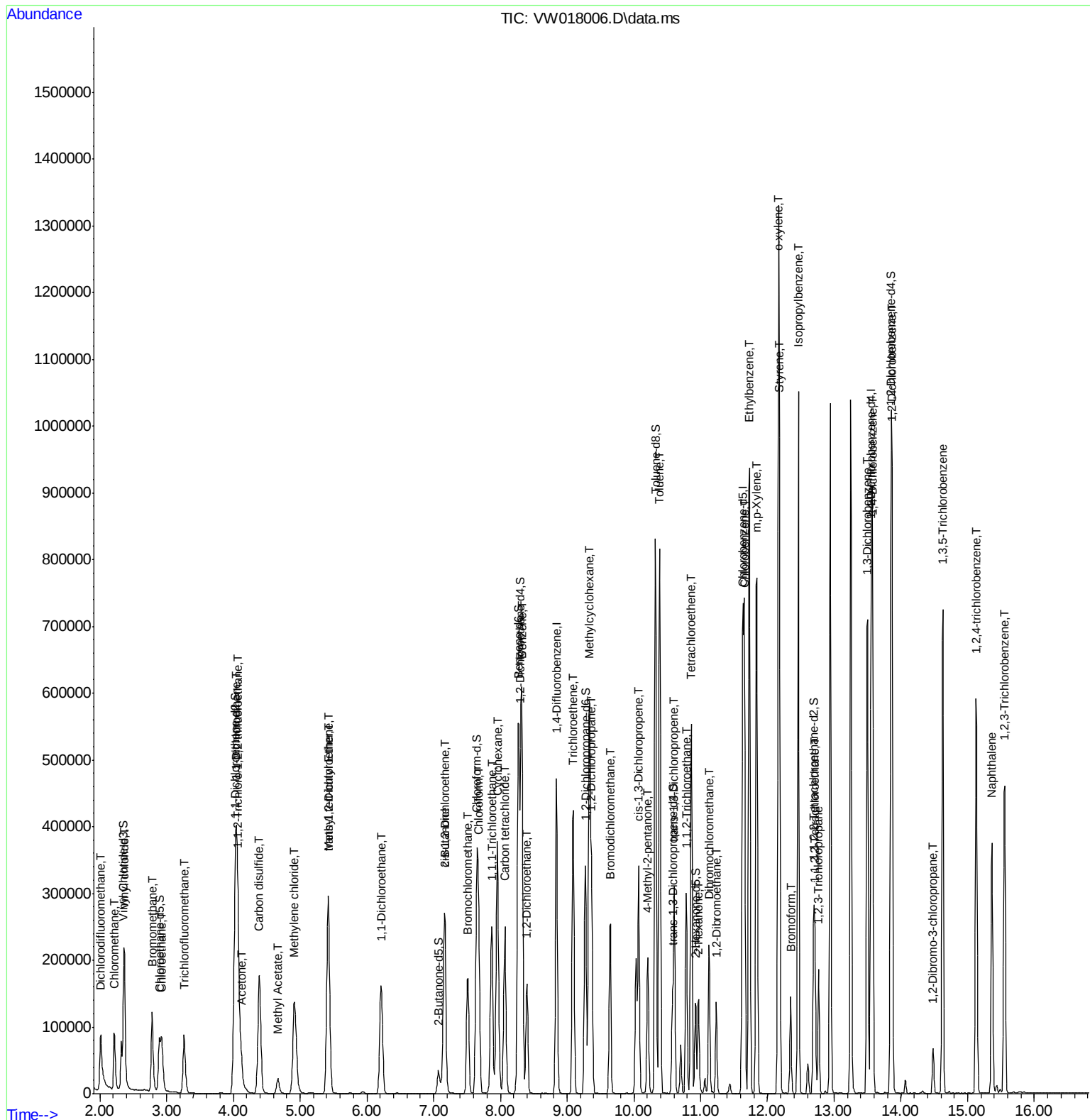
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.952	56	218707	24.92	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	212913	25.03	ug/L	99
32) Carbon tetrachloride	8.067	117	204158	24.78	ug/L	99
34) Benzene	8.323	78	546766	24.38	ug/L	100
35) Trichloroethene	9.092	95	150731	23.85	ug/L	98
36) Methylcyclohexane	9.336	83	260888	24.55	ug/L	98
40) 1,2-Dichloropropane	9.366	63	123746	24.05	ug/L	100
41) Bromodichloromethane	9.646	83	176729	23.99	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	206309	24.88	ug/L	97
43) 4-Methyl-2-pentanone	10.207	43	124066	38.78	ug/L	95
44) Toluene	10.384	91	607096	24.60	ug/L	98
45) trans-1,3-Dichloropropene	10.604	75	173922	24.09	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	95514	21.75	ug/L	98
47) Tetrachloroethene	10.860	164	128537	23.89	ug/L	94
49) 2-Hexanone	10.969	43	85354	38.39	ug/L	94
50) Dibromochloromethane	11.128	129	122332	23.25	ug/L	92
51) 1,2-Dibromoethane	11.232	107	93473	21.34	ug/L	99
52) Chlorobenzene	11.658	112	383228	23.57	ug/L	96
53) Ethylbenzene	11.731	91	684629	24.41	ug/L	98
54) m,p-Xylene	11.841	106	263566	24.65	ug/L	91
55) o-xylene	12.164	106	243625	24.02	ug/L	97
56) Styrene	12.183	104	417523	24.20	ug/L	100
57) Isopropylbenzene	12.463	105	687950	24.35	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	103981	20.01	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	77101	19.59	ug/L	98
62) Bromoform	12.347	173	67602	21.75	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	308981	24.04	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	307700	23.80	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	268529	23.16	ug/L	95
66) 1,2-Dibromo-3-chloropr...	14.481	75	16756	19.08	ug/L	90
67) 1,3,5-Trichlorobenzene	14.627	180	247016	25.01	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	197272	23.96	ug/L	96
69) Naphthalene	15.365	128	329813	20.59	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	167953	22.89	ug/L	99

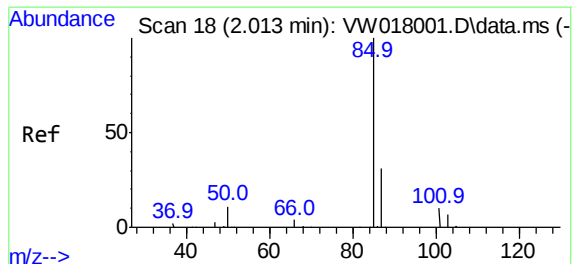
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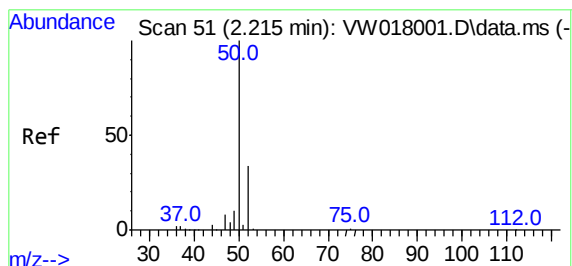
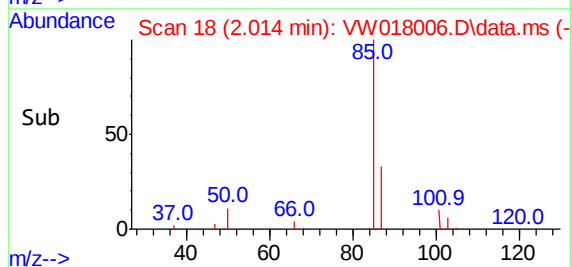
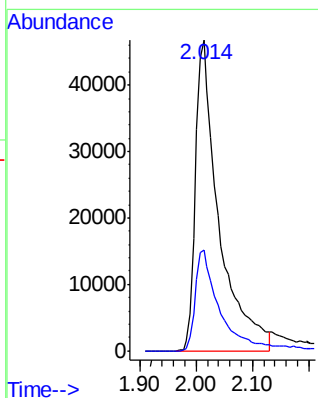
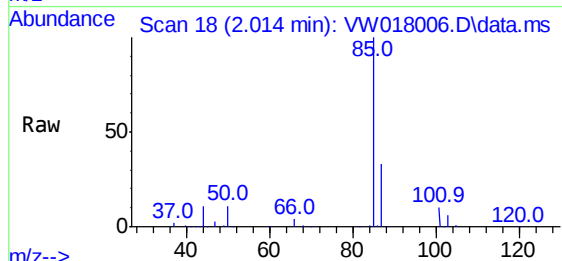




#2
Dichlorodifluoromethane
Concen: 23.70 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

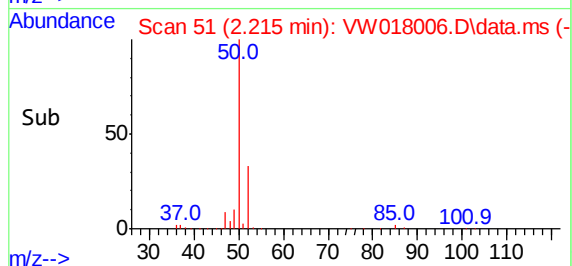
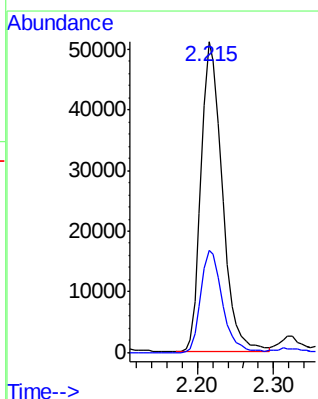
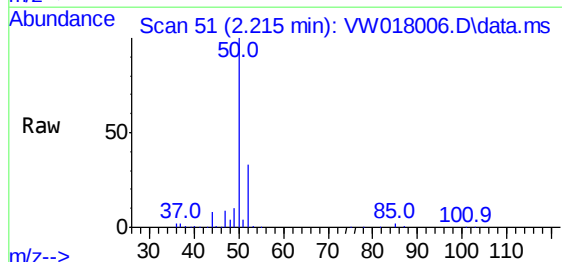
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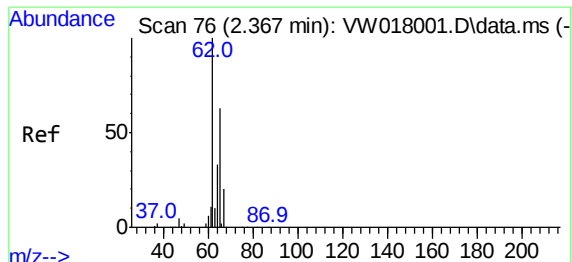
Tgt Ion: 85 Resp: 134513
Ion Ratio Lower Upper
85 100
87 33.1 23.2 43.0



#3
Chloromethane
Concen: 23.60 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 50 Resp: 98664
Ion Ratio Lower Upper
50 100
52 33.0 23.4 43.6

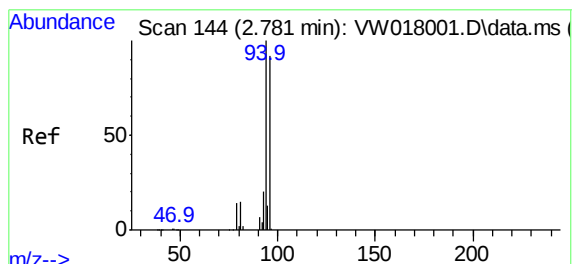
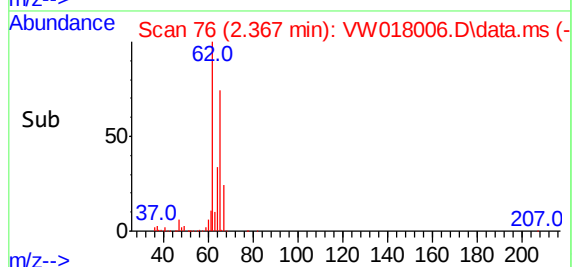
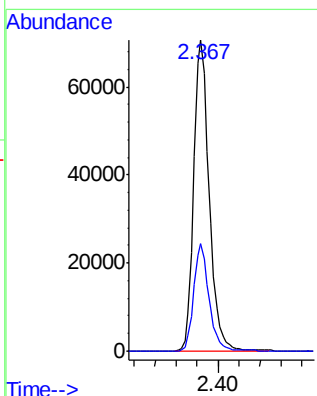
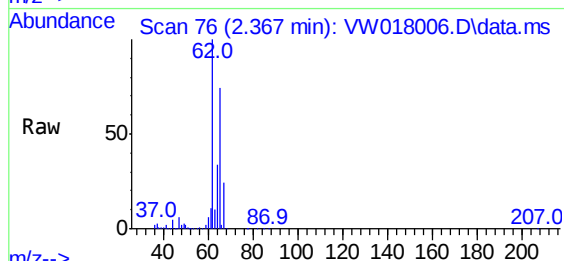




#5
 Vinyl chloride
 Concen: 24.92 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

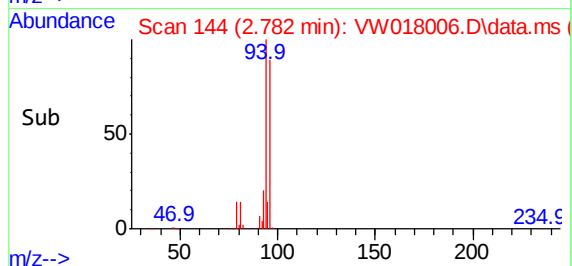
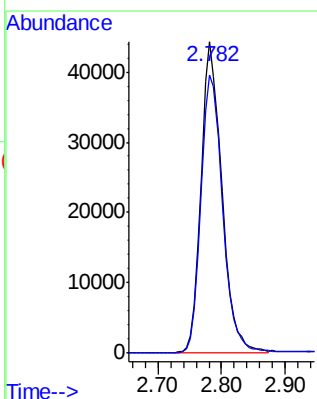
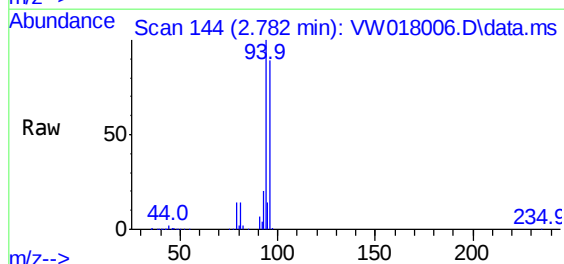
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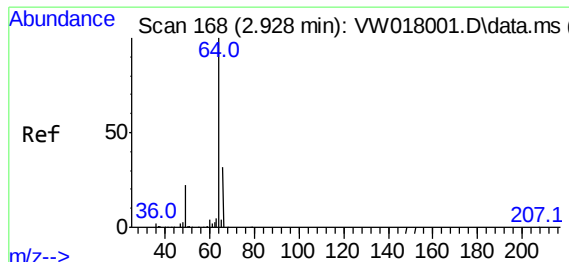
Tgt Ion: 62 Resp: 143658
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.9 44.5



#6
 Bromomethane
 Concen: 23.65 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

Tgt Ion: 94 Resp: 96955
 Ion Ratio Lower Upper
 94 100
 96 93.2 9.4 178.0

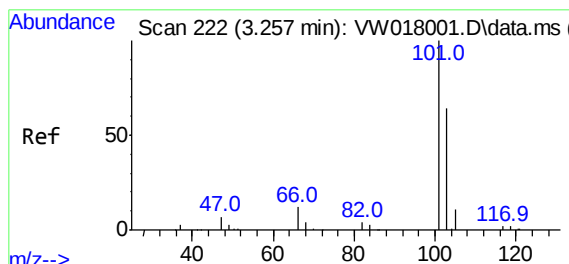
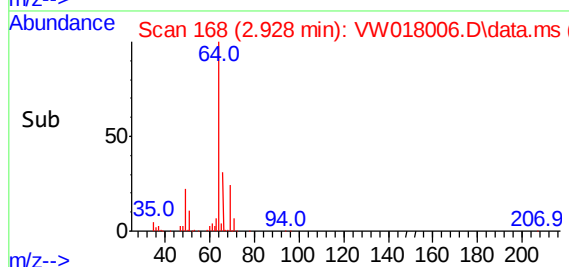
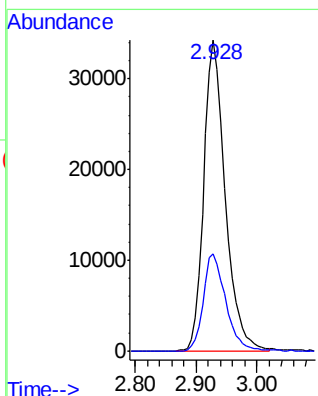
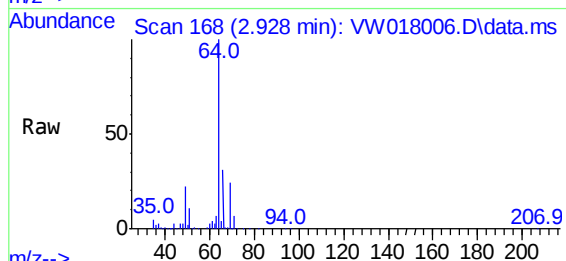




#8
Chloroethane
Concen: 24.30 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

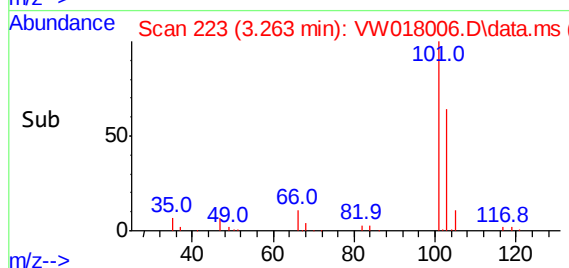
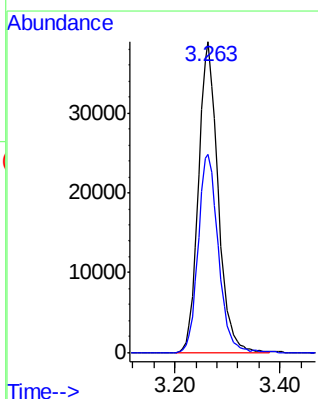
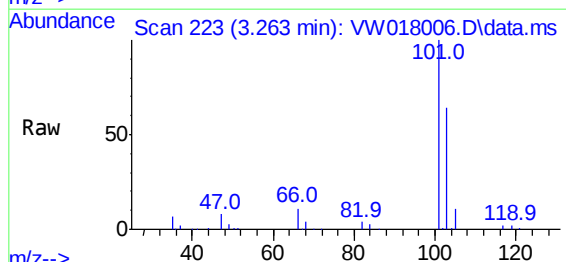
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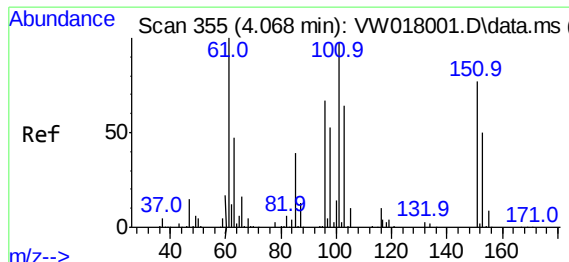
Tgt Ion: 64 Resp: 83688
Ion Ratio Lower Upper
64 100
66 31.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.05 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 101 Resp: 100247
Ion Ratio Lower Upper
101 100
103 65.2 45.0 83.6

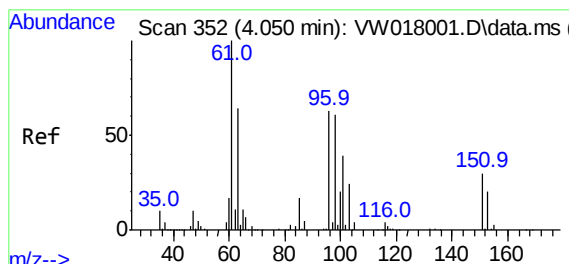
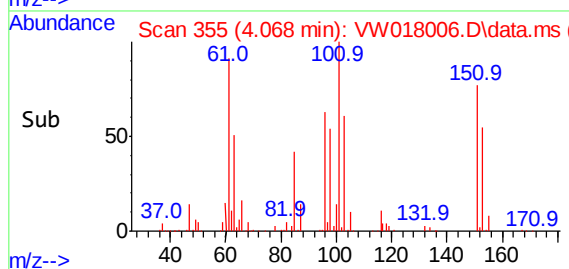
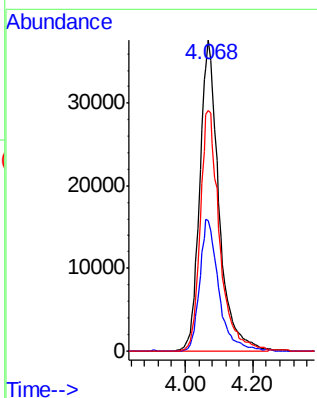
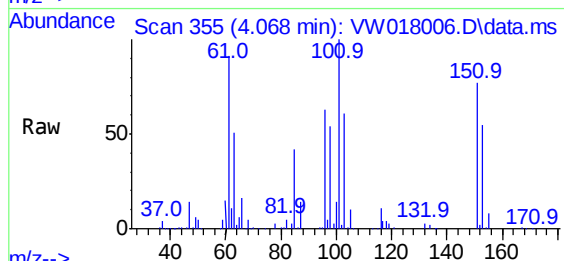




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.63 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

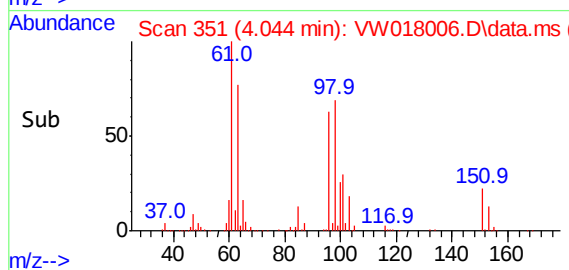
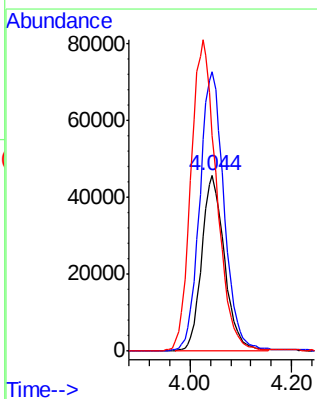
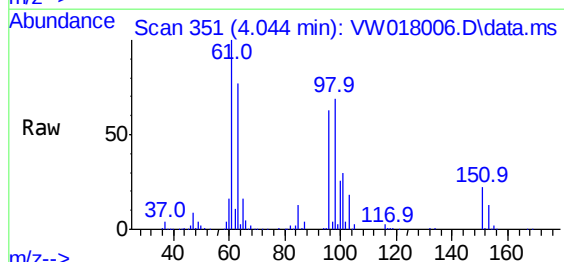
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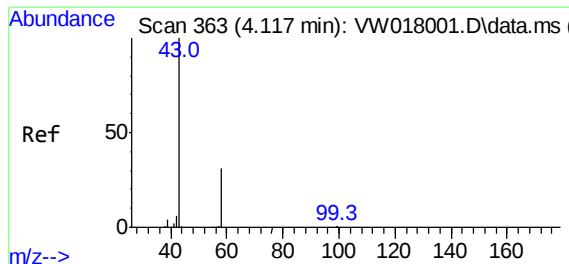
Tgt Ion:101 Resp: 146687
 Ion Ratio Lower Upper
 101 100
 85 41.3 34.2 51.4
 151 77.7 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 25.00 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
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Tgt Ion: 96 Resp: 140129
 Ion Ratio Lower Upper
 96 100
 61 159.4 112.5 208.9
 63 123.1 83.1 154.3

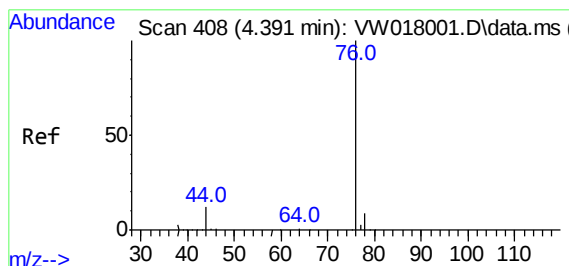
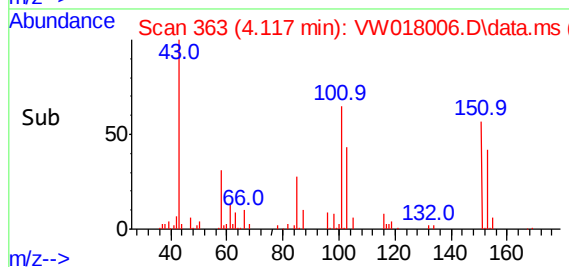
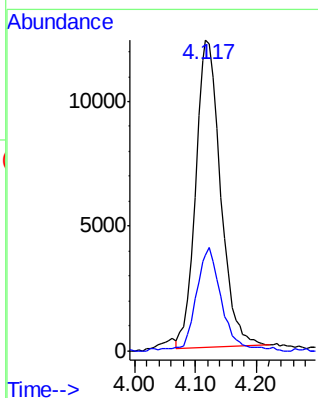
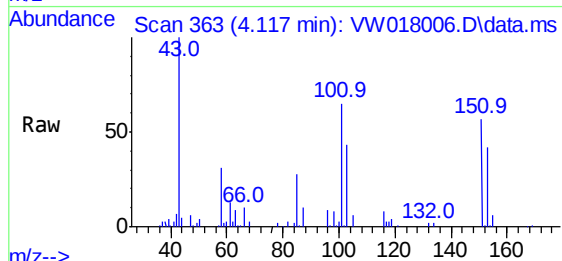




#13
Acetone
Concen: 34.16 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018006.D
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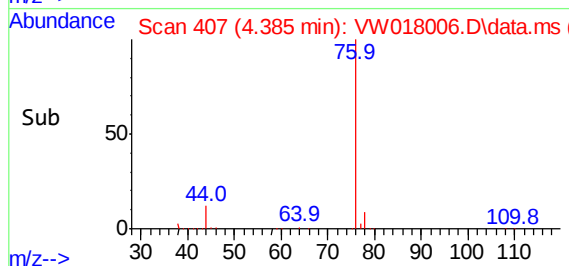
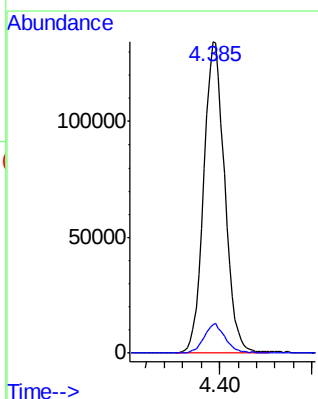
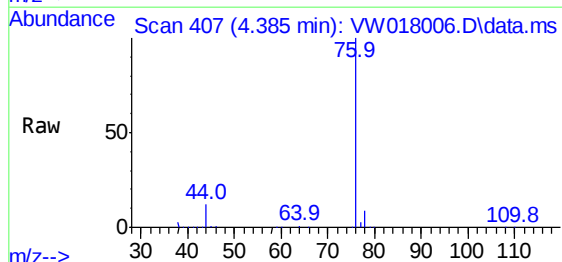
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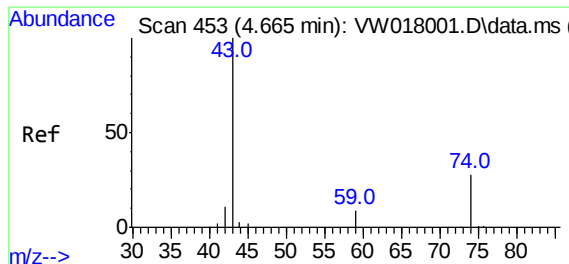
Tgt Ion: 43 Resp: 35150
Ion Ratio Lower Upper
43 100
58 33.3 0.0 68.4



#14
Carbon disulfide
Concen: 25.82 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 421355
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



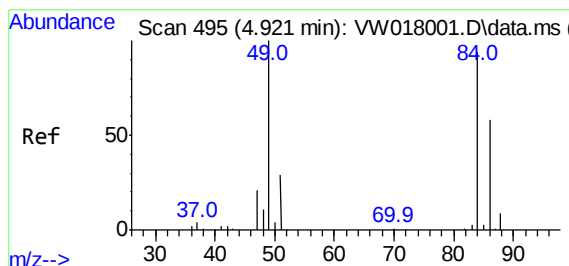
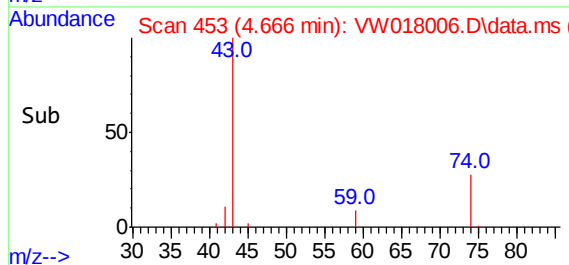
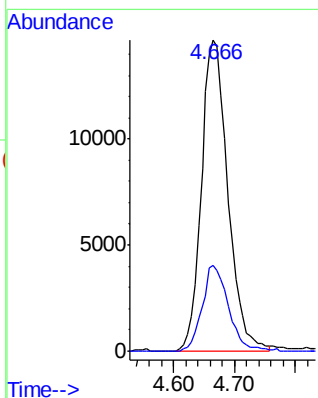
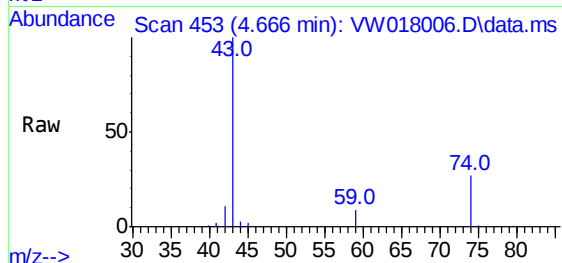


#15
Methyl Acetate
Concen: 19.29 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampled :
VSTD02507

Tgt Ion: 43 Resp: 44035

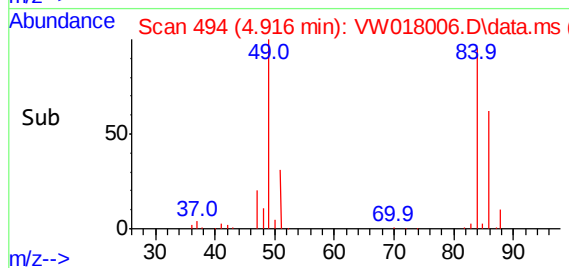
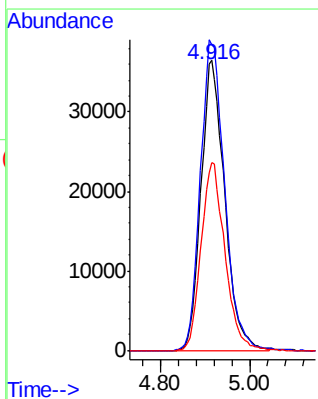
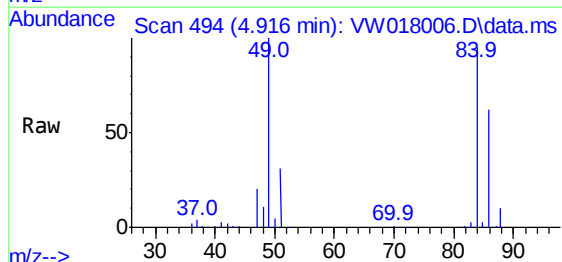
Ion	Ratio	Lower	Upper
43	100		
74	27.0	20.7	31.1

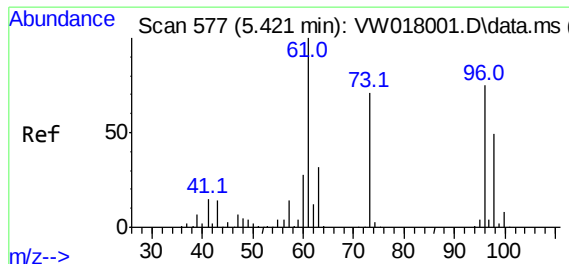


#16
Methylene chloride
Concen: 19.81 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 84 Resp: 133120

Ion	Ratio	Lower	Upper
84	100		
49	105.2	81.2	150.8
86	64.7	44.5	82.7

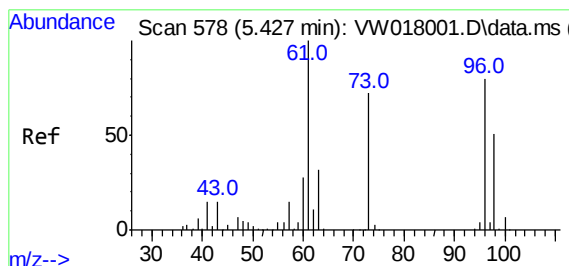
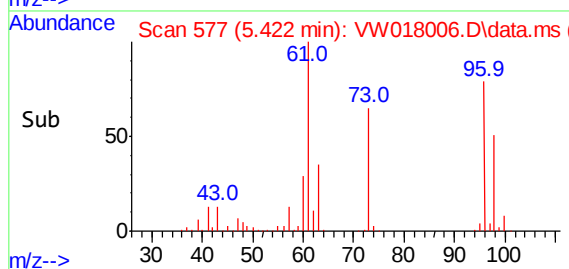
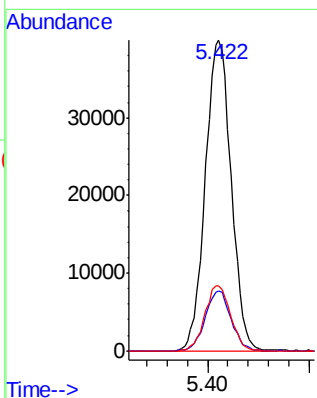
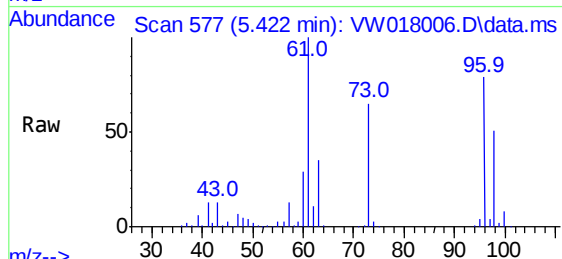




#17
Methyl tert-butyl Ether
Concen: 22.33 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

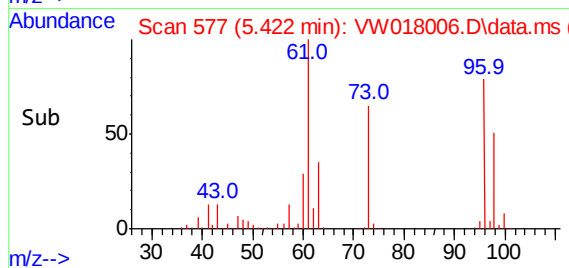
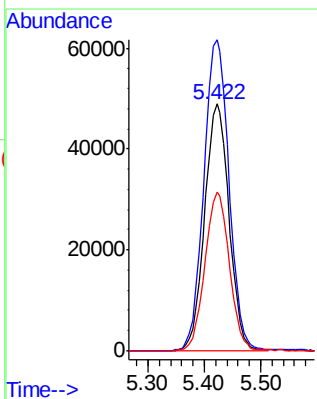
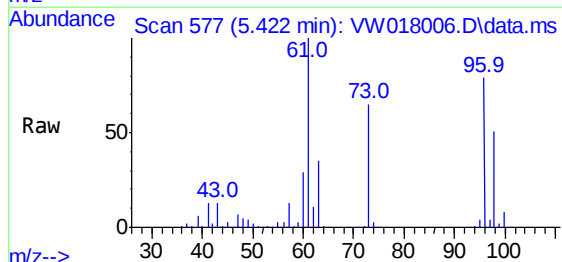
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

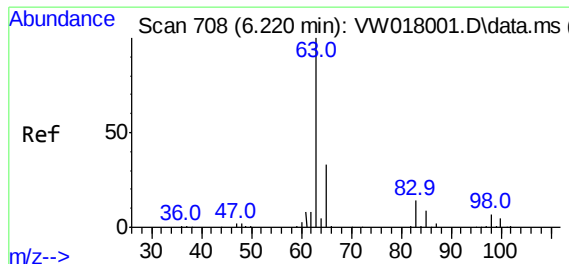
Tgt Ion: 73 Resp: 140503
Ion Ratio Lower Upper
73 100
43 19.2 16.2 24.4
57 20.8 17.2 25.8



#18
trans-1,2-Dichloroethene
Concen: 24.31 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 96 Resp: 145619
Ion Ratio Lower Upper
96 100
61 126.2 92.7 172.1
98 64.1 43.3 80.3

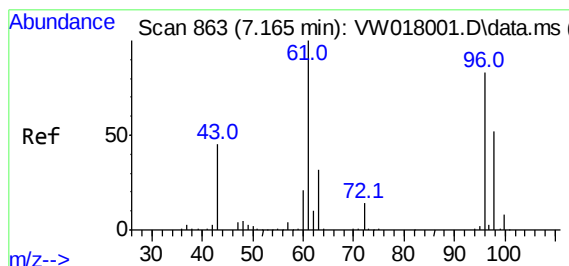
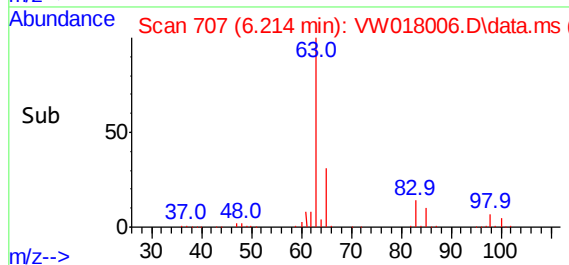
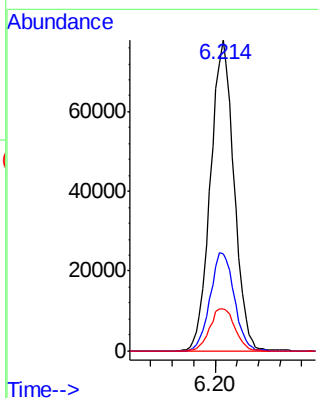
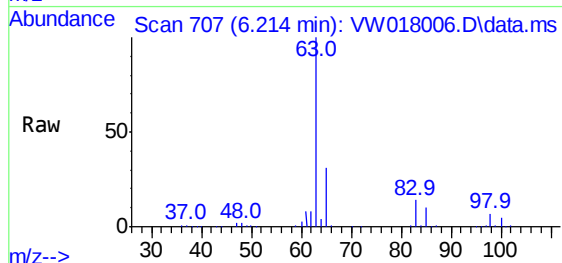




#19
1,1-Dichloroethane
Concen: 24.21 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

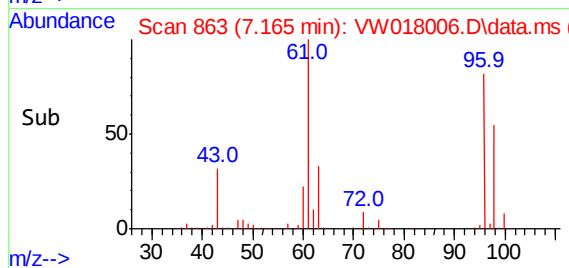
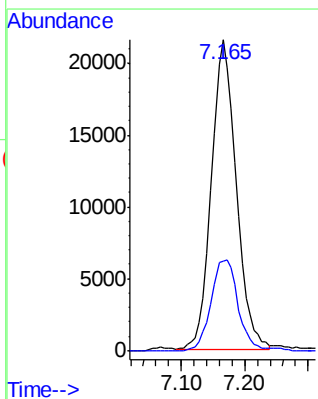
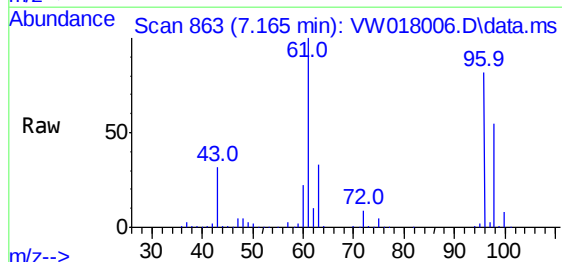
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

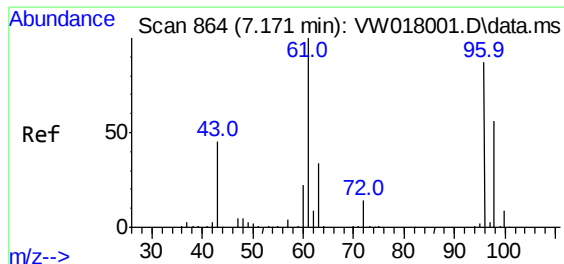
Tgt Ion: 63 Resp: 234004
Ion Ratio Lower Upper
63 100
65 31.4 21.9 40.7
83 13.5 9.4 17.6



#21
2-Butanone
Concen: 36.18 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 43 Resp: 56679
Ion Ratio Lower Upper
43 100
72 31.9 14.4 43.2



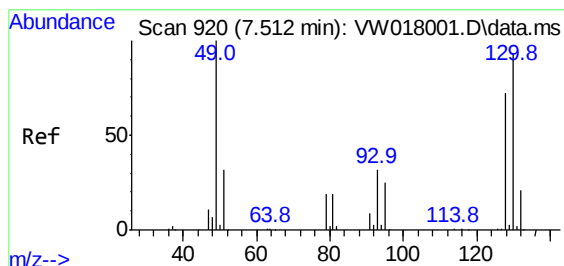
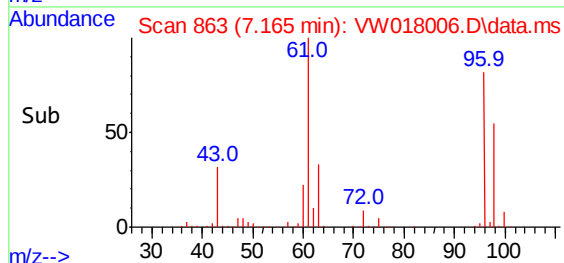
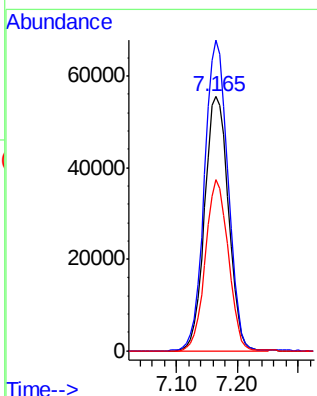
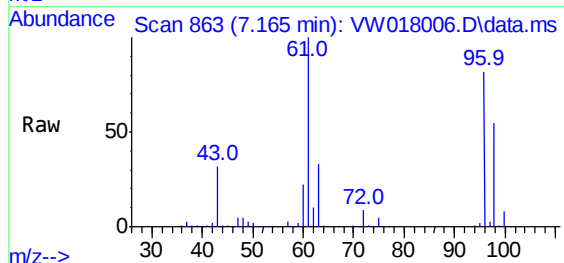


#22
cis-1,2-Dichloroethene
Concen: 24.01 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampled :
VSTD02507

Tgt Ion: 96 Resp: 149163

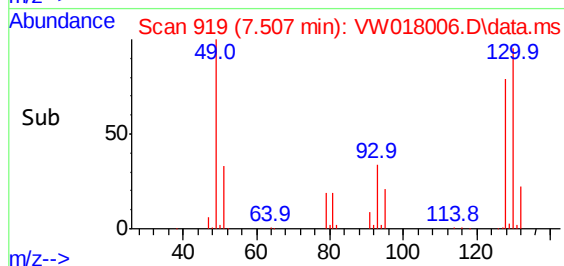
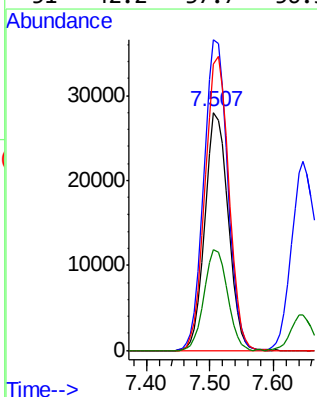
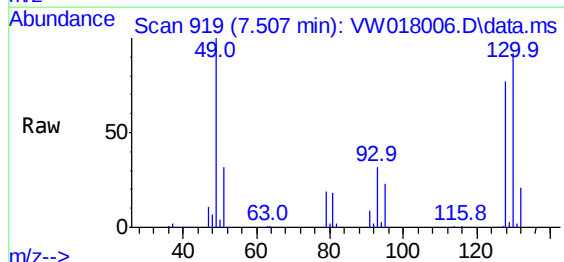
Ion	Ratio	Lower	Upper
96	100		
61	122.2	84.6	157.2
98	67.3	44.7	82.9

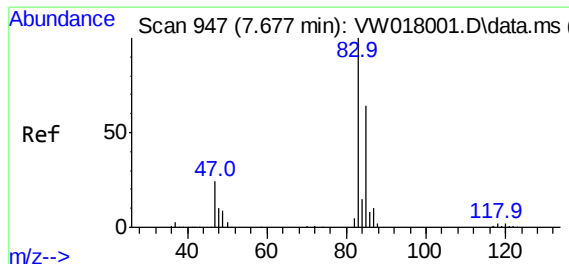


#23
Bromochloromethane
Concen: 23.03 ug/L
RT: 7.507 min Scan# 919
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 128 Resp: 68756

Ion	Ratio	Lower	Upper
128	100		
49	130.6	101.6	188.6
130	120.4	90.4	167.8
51	42.2	37.7	56.5

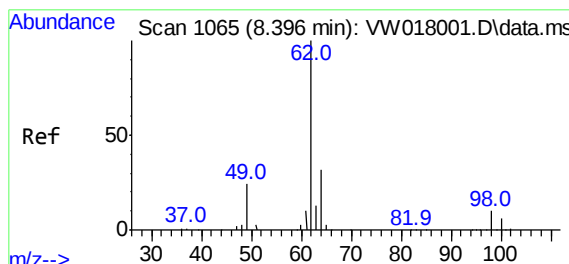
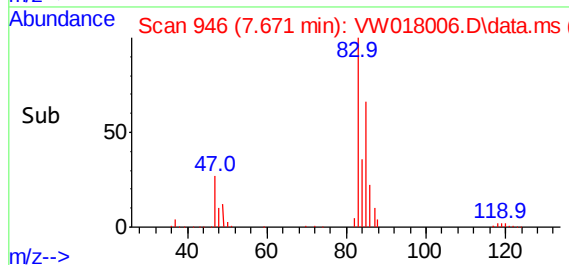
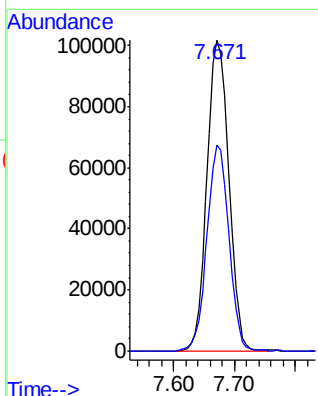
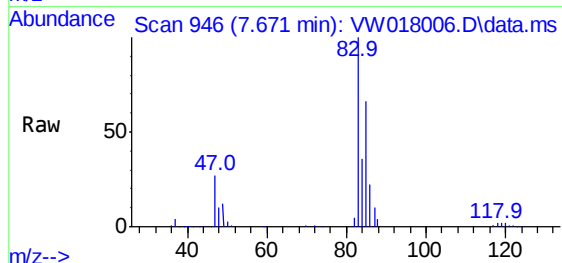




#25
Chloroform
Concen: 23.83 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

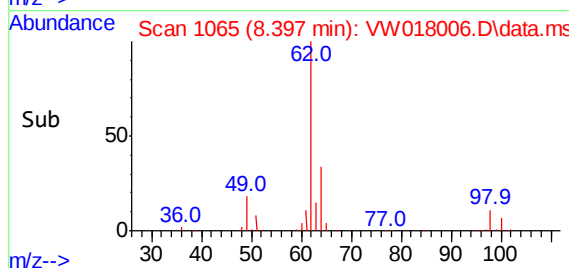
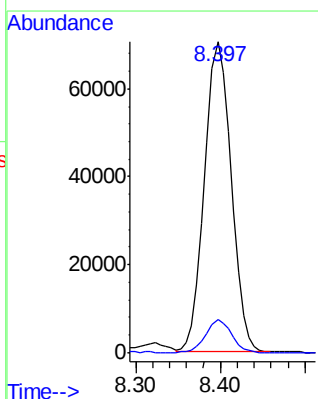
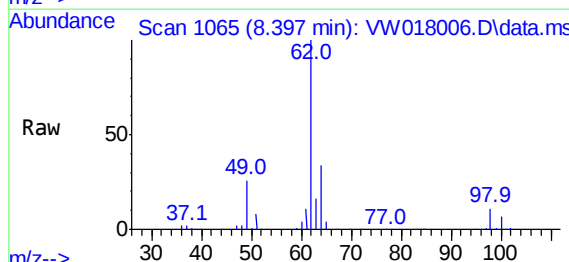
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

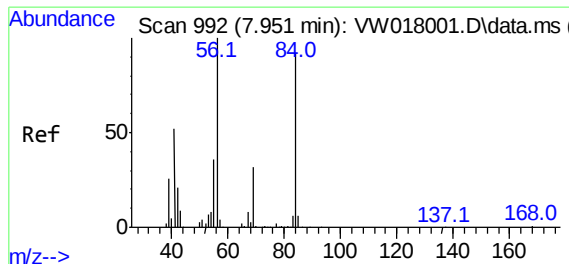
Tgt Ion: 83 Resp: 251371
Ion Ratio Lower Upper
83 100
85 66.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.04 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 62 Resp: 150902
Ion Ratio Lower Upper
62 100
98 10.7 8.0 12.0



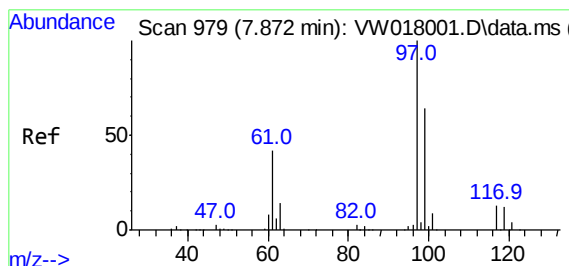
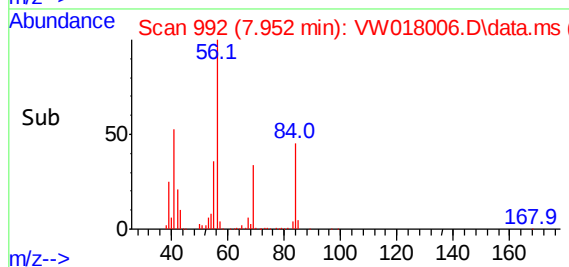
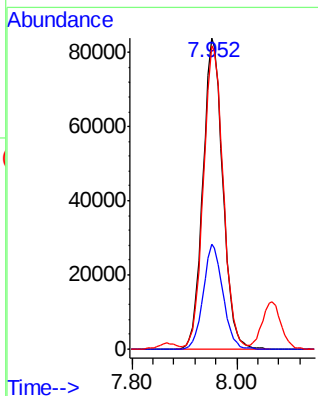
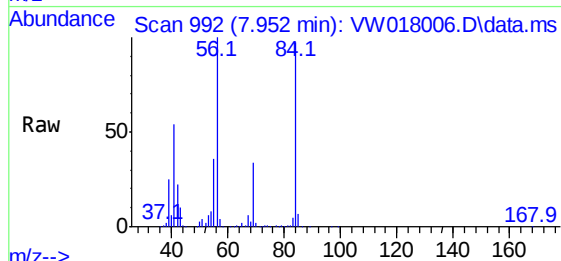


#30
Cyclohexane
Concen: 24.92 ug/L
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampled :
VSTD02507

Tgt Ion: 56 Resp: 218707

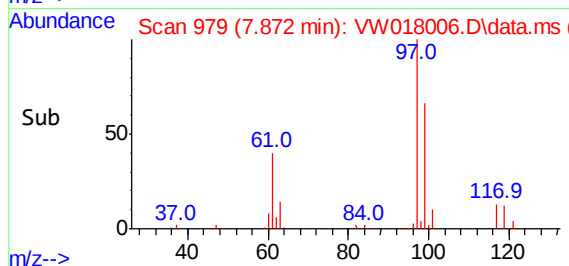
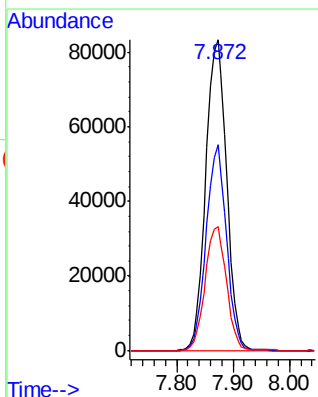
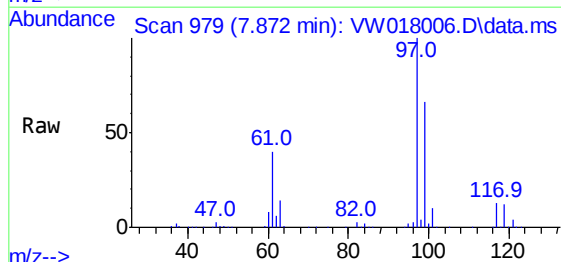
Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.8	37.2
84	97.9	74.2	111.4

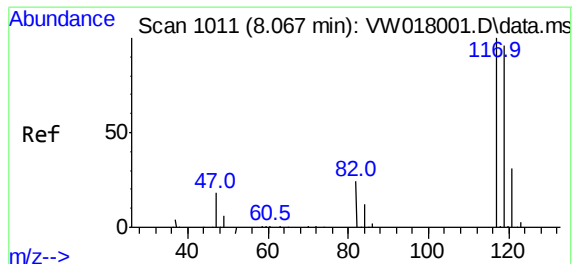


#31
1,1,1-Trichloroethane
Concen: 25.03 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 97 Resp: 212913

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	40.6	33.6	50.4

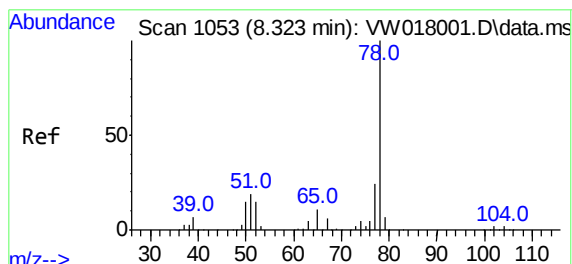
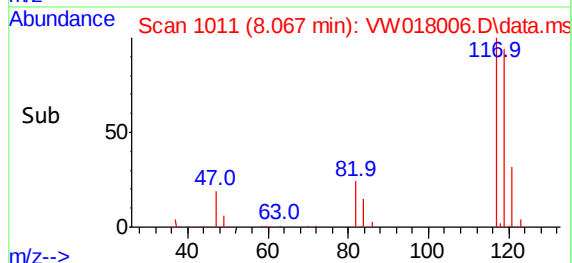
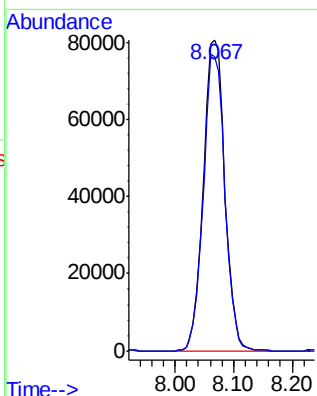
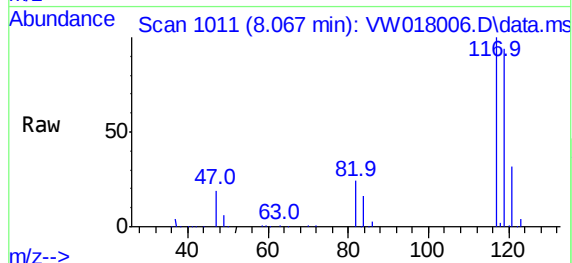




#32
Carbon tetrachloride
Concen: 24.78 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

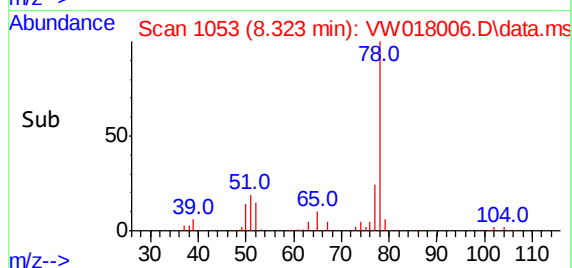
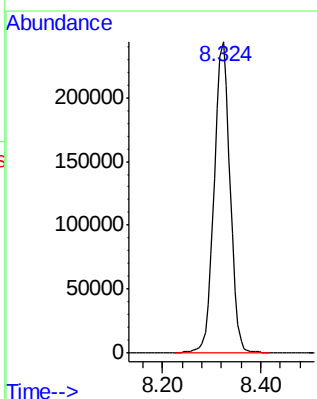
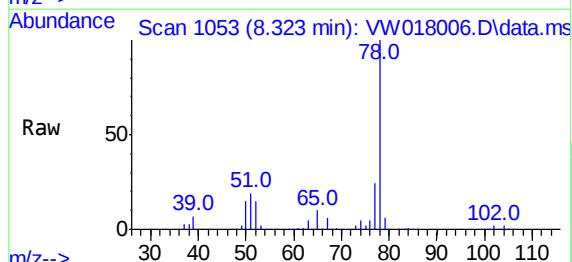
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

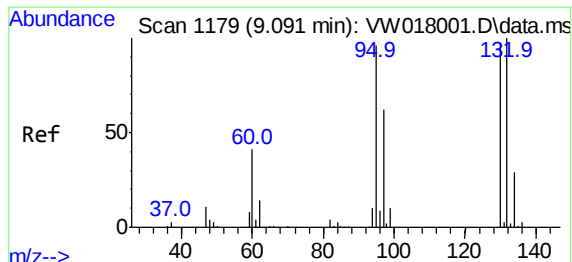
Tgt Ion:117 Resp: 204158
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8



#34
Benzene
Concen: 24.38 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

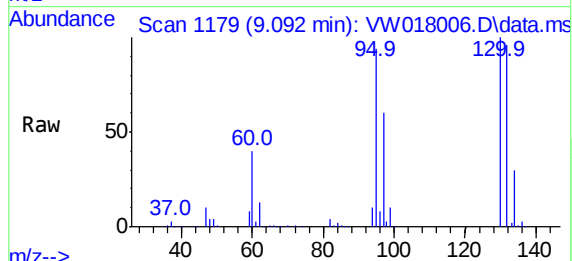
Tgt Ion: 78 Resp: 546766





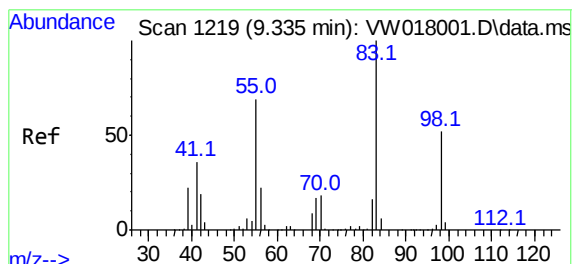
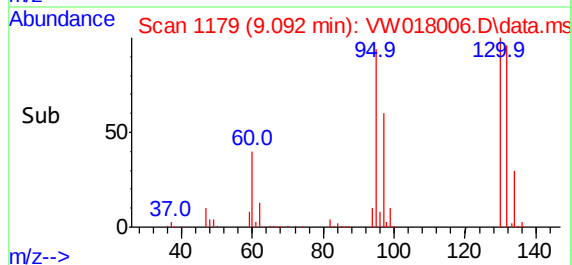
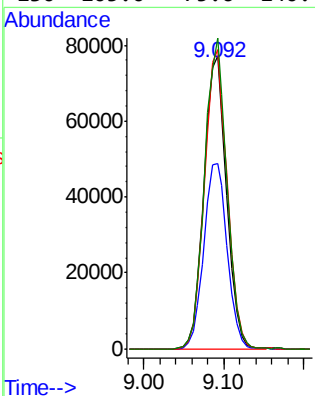
#35
Trichloroethene
Concen: 23.85 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507



Tgt Ion: 95 Resp: 150731

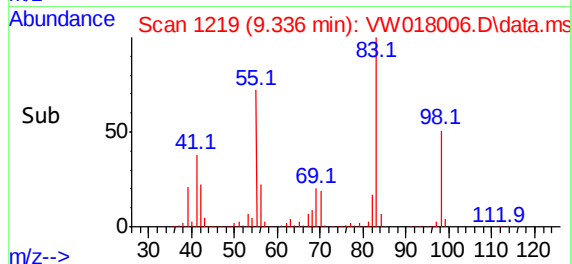
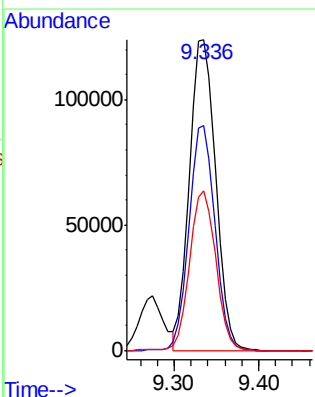
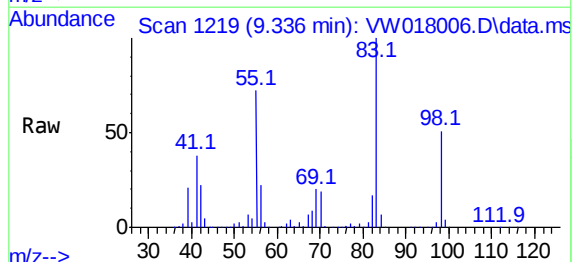
Ion	Ratio	Lower	Upper
95	100		
97	65.9	45.0	83.6
132	103.0	71.0	131.8
130	105.0	75.6	140.4

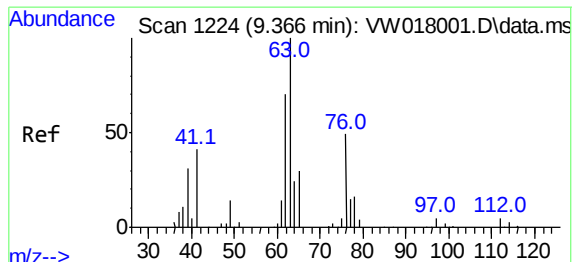


#36
Methylcyclohexane
Concen: 24.55 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 83 Resp: 260888

Ion	Ratio	Lower	Upper
83	100		
55	71.5	59.4	89.0
98	50.9	40.7	61.1

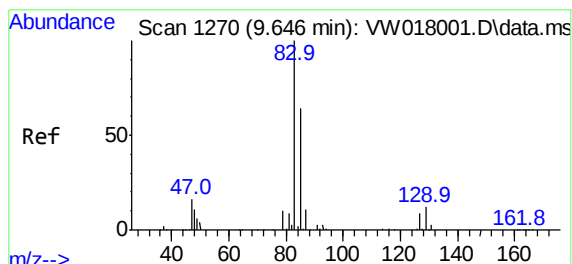
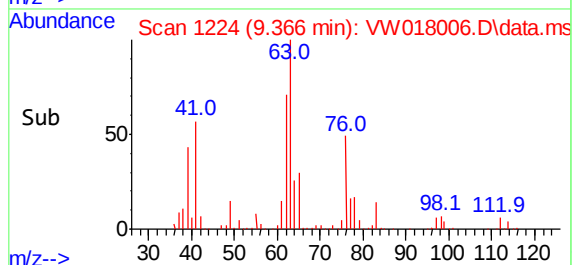
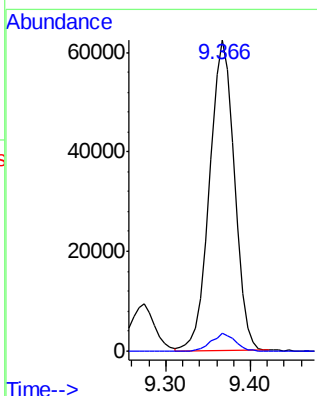
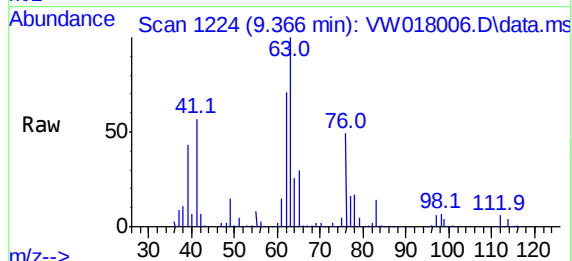




#40
1,2-Dichloropropane
Concen: 24.05 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

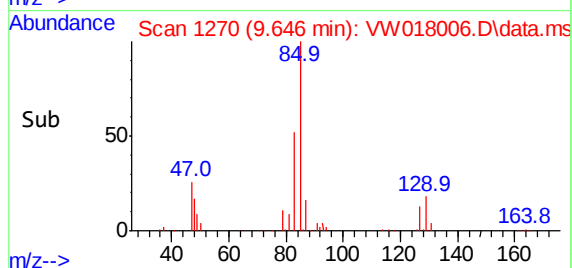
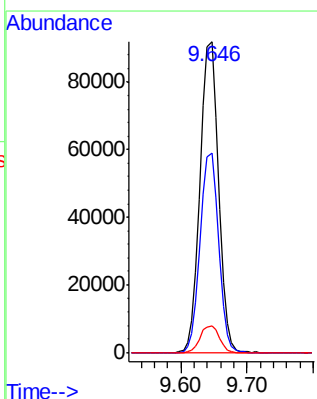
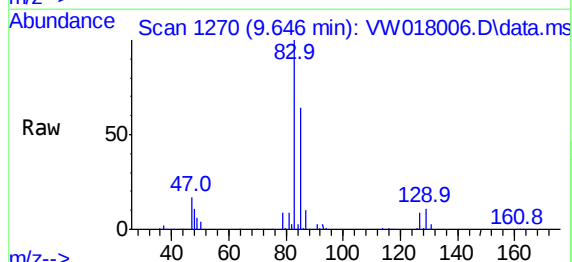
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

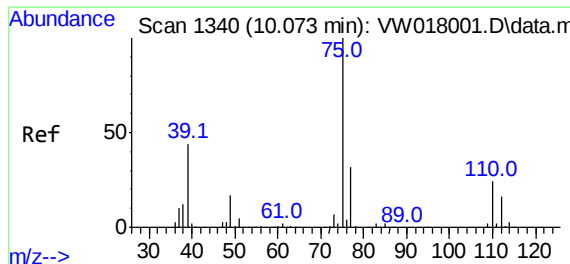
Tgt Ion: 63 Resp: 123746
Ion Ratio Lower Upper
63 100
112 5.3 4.2 6.4



#41
Bromodichloromethane
Concen: 23.99 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 83 Resp: 176729
Ion Ratio Lower Upper
83 100
85 64.3 46.8 86.8
127 8.6 7.6 11.4

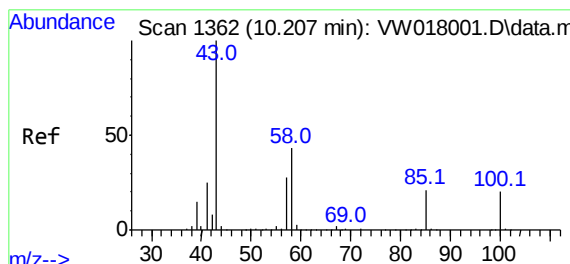
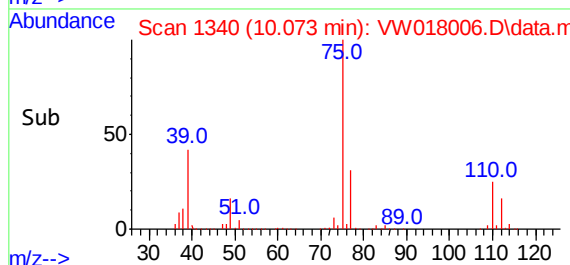
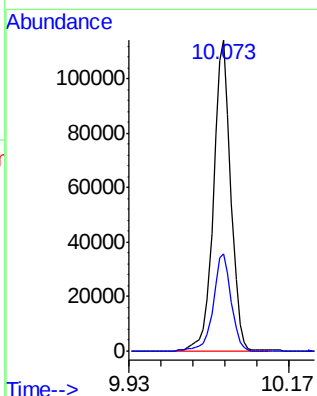
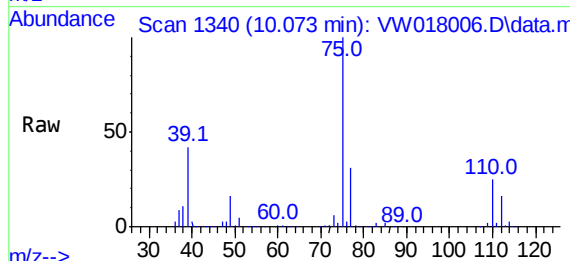




#42
 cis-1,3-Dichloropropene
 Concen: 24.88 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

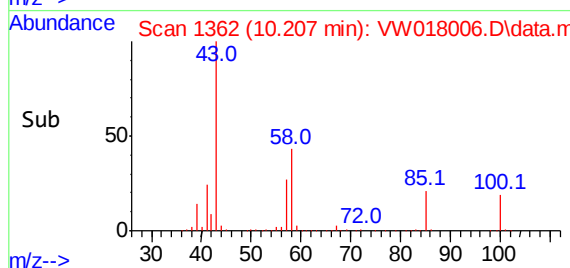
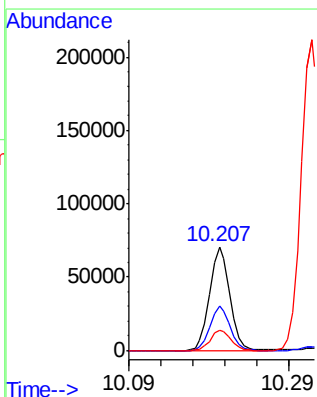
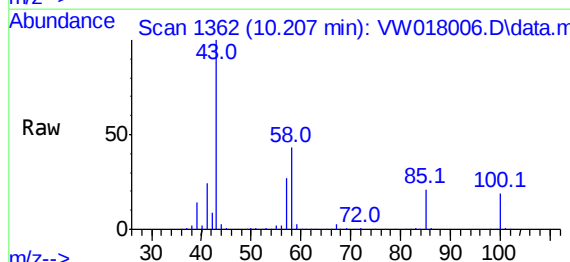
Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD02507

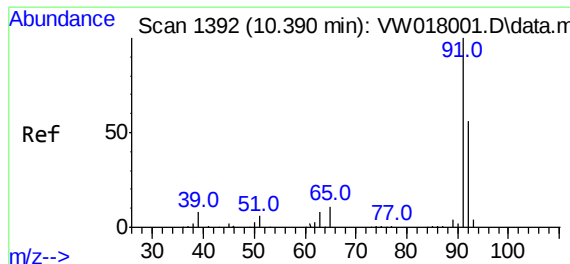
Tgt Ion: 75 Resp: 206309
 Ion Ratio Lower Upper
 75 100
 77 31.0 22.7 42.3



#43
 4-Methyl-2-pentanone
 Concen: 38.78 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

Tgt Ion: 43 Resp: 124066
 Ion Ratio Lower Upper
 43 100
 58 42.1 31.6 47.4
 100 19.9 14.1 21.1

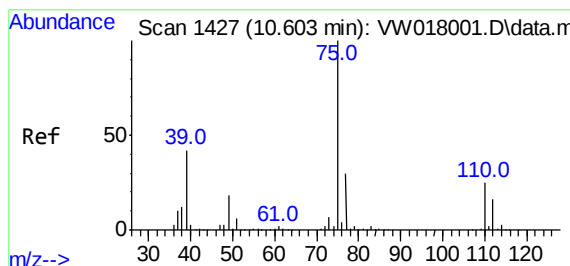
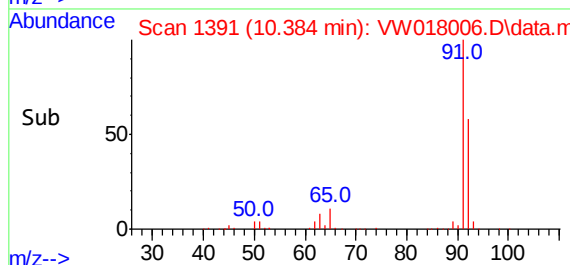
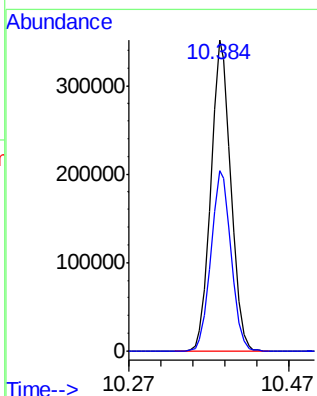
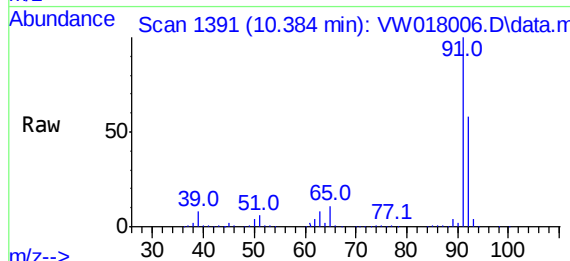




#44
Toluene
Concen: 24.60 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

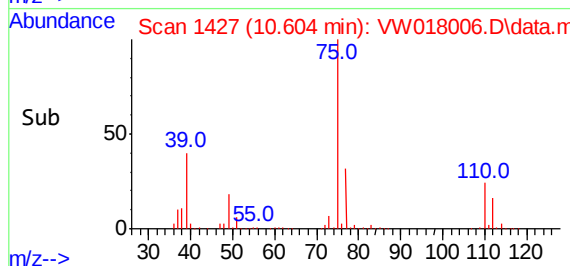
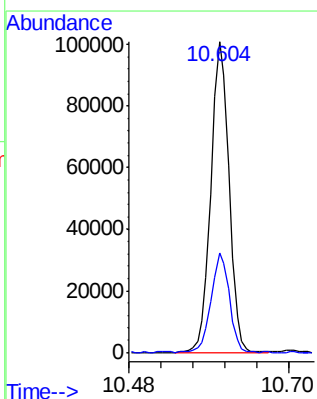
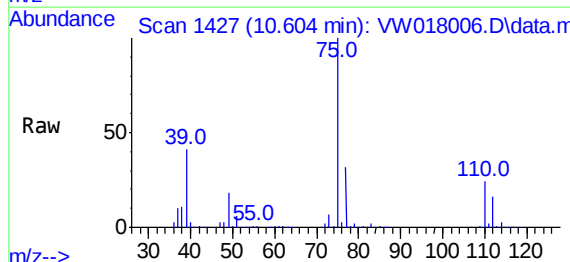
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

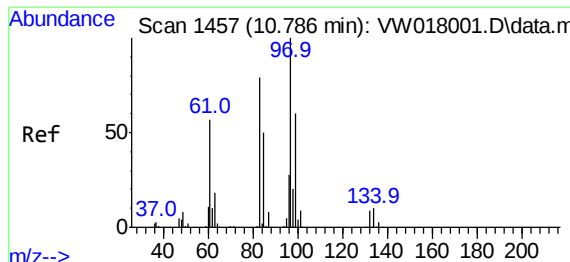
Tgt Ion: 91 Resp: 607096
Ion Ratio Lower Upper
91 100
92 57.9 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 24.09 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 75 Resp: 173922
Ion Ratio Lower Upper
75 100
77 31.9 22.6 42.0



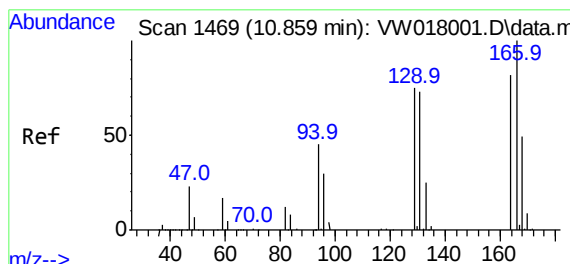
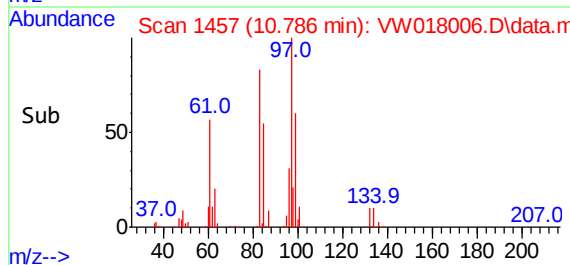
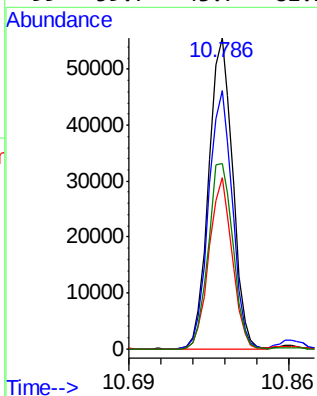
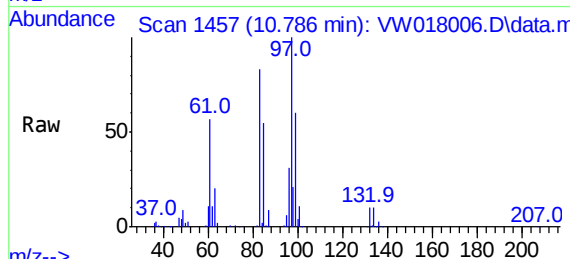


#46
1,1,2-Trichloroethane
Concen: 21.75 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 97 Resp: 95514

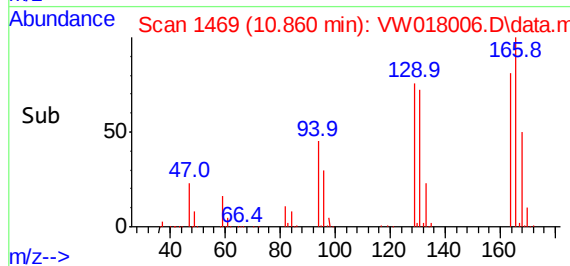
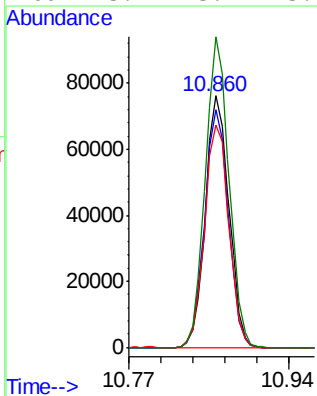
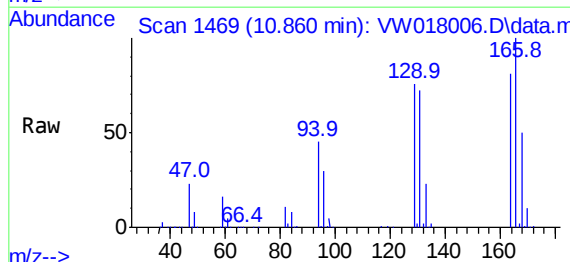
Ion	Ratio	Lower	Upper
97	100		
83	83.0	58.5	108.7
85	54.9	37.8	70.2
99	59.7	43.7	81.1

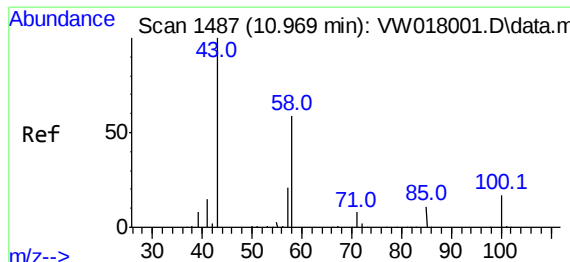


#47
Tetrachloroethene
Concen: 23.89 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 164 Resp: 128537

Ion	Ratio	Lower	Upper
164	100		
129	94.4	67.6	125.6
131	88.4	65.2	121.2
166	123.4	93.2	173.2



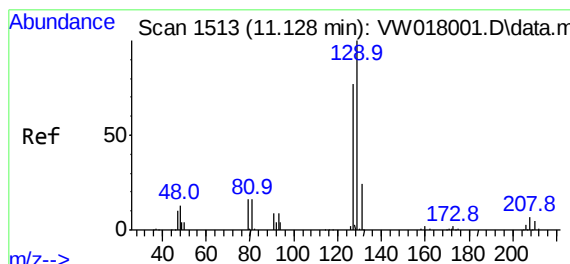
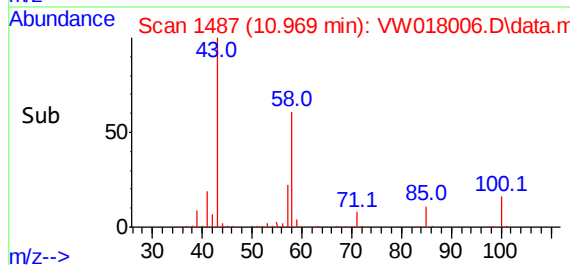
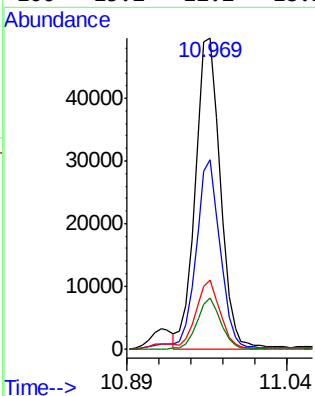
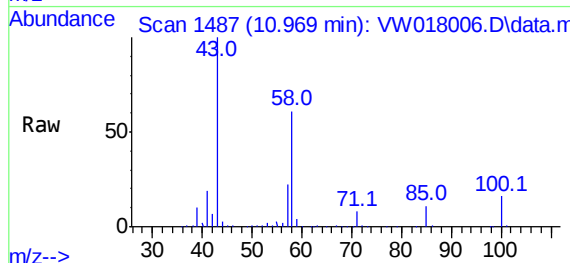


#49
2-Hexanone
Concen: 38.39 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 43 Resp: 85354

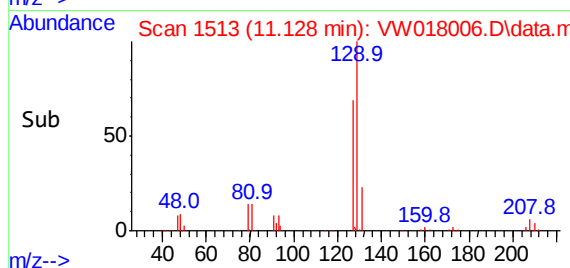
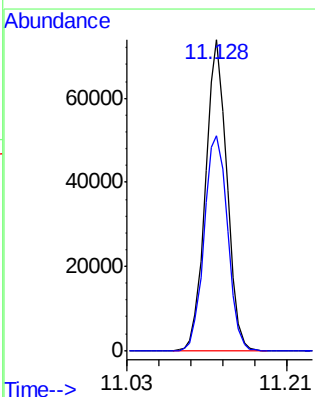
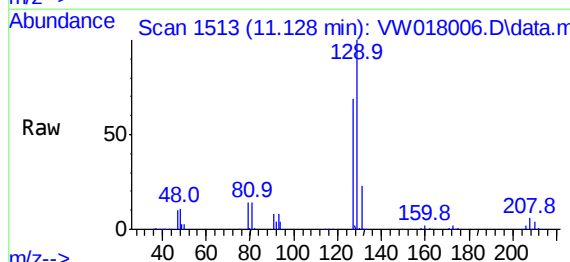
Ion	Ratio	Lower	Upper
43	100		
58	58.1	51.3	76.9
57	21.1	15.0	22.6
100	15.2	12.2	18.2

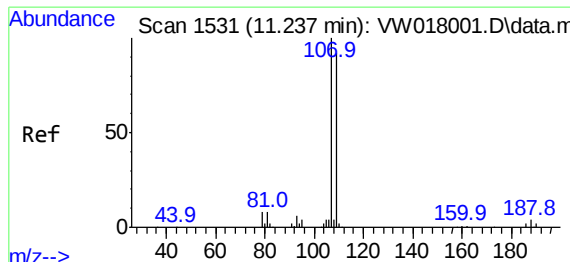


#50
Dibromochloromethane
Concen: 23.25 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 129 Resp: 122332

Ion	Ratio	Lower	Upper
129	100		
127	69.2	53.2	98.8

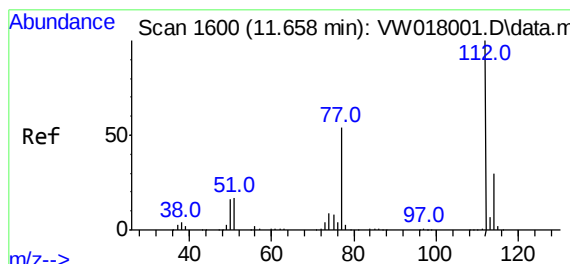
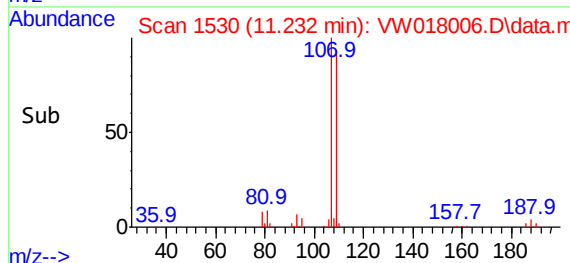
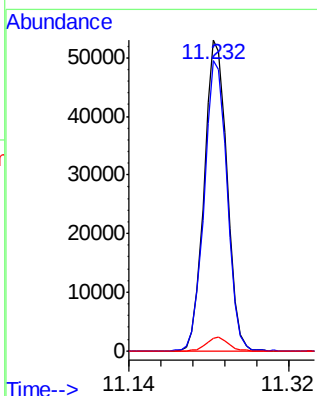
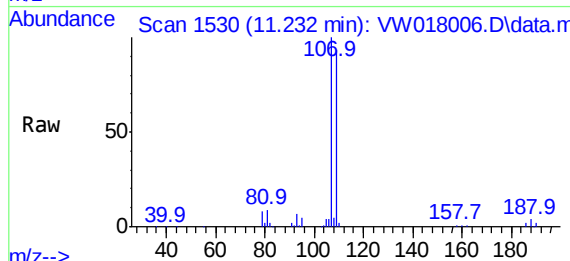




#51
1,2-Dibromoethane
Concen: 21.34 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. -0.005 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

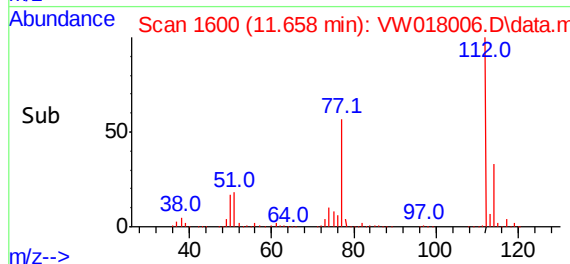
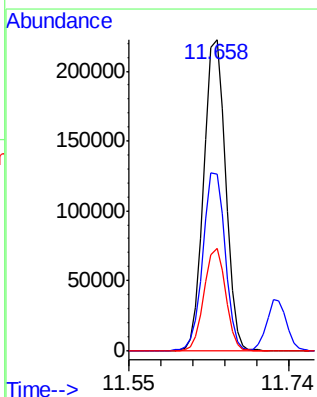
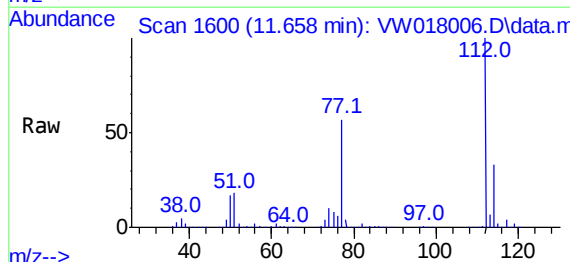
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

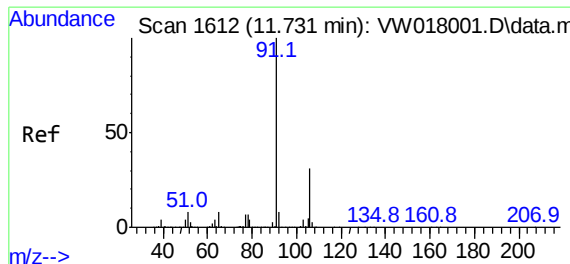
Tgt Ion:107 Resp: 93473
Ion Ratio Lower Upper
107 100
109 93.4 66.4 123.2
188 4.1 4.0 6.0



#52
Chlorobenzene
Concen: 23.57 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion:112 Resp: 383228
Ion Ratio Lower Upper
112 100
77 56.9 42.6 64.0
114 32.7 21.6 40.2

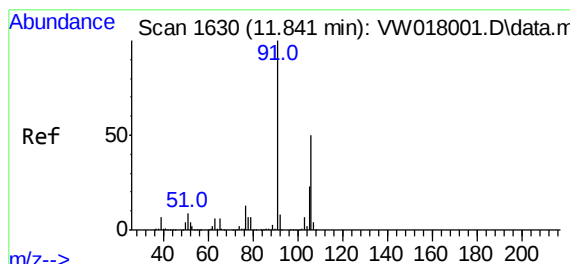
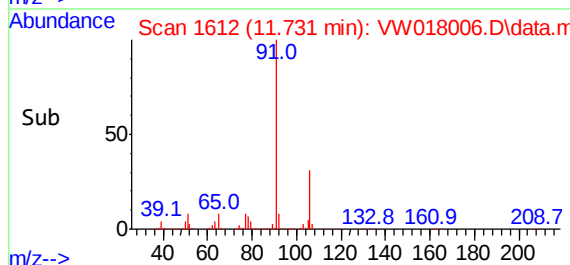
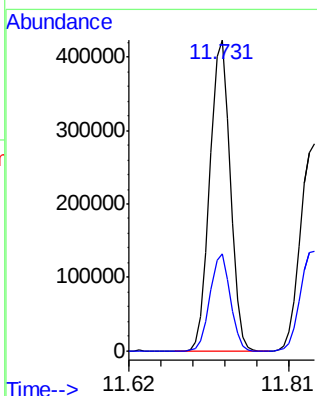
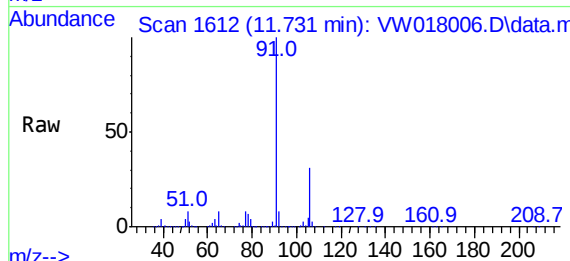




#53
Ethylbenzene
Concen: 24.41 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

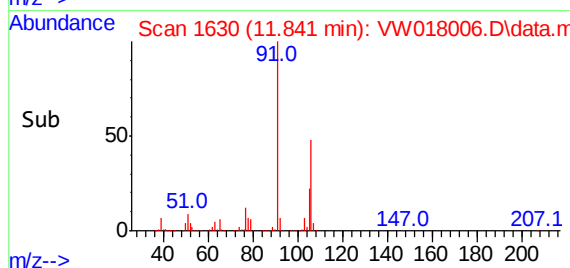
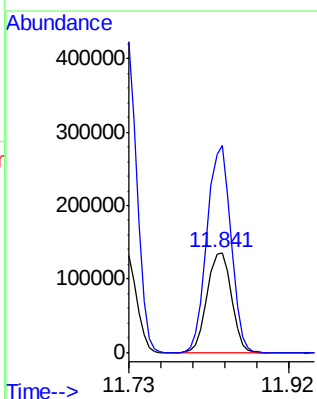
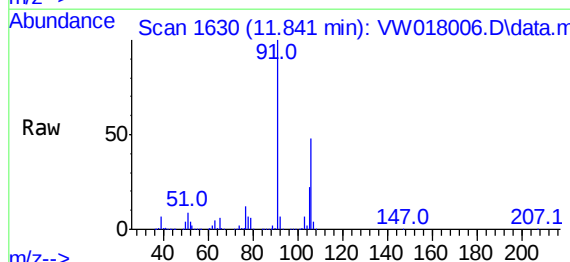
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

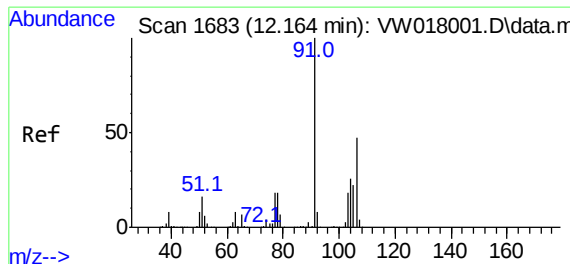
Tgt Ion: 91 Resp: 684629
Ion Ratio Lower Upper
91 100
106 31.2 21.1 39.1



#54
m,p-Xylene
Concen: 24.65 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 106 Resp: 263566
Ion Ratio Lower Upper
106 100
91 207.8 136.4 253.4

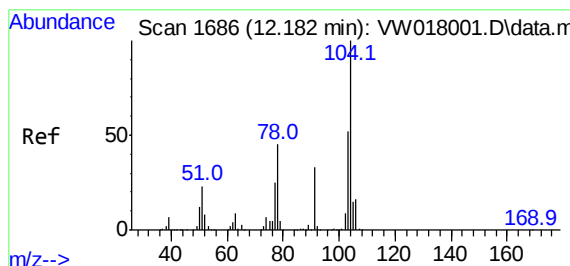
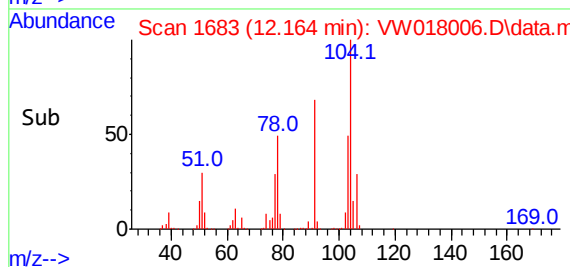
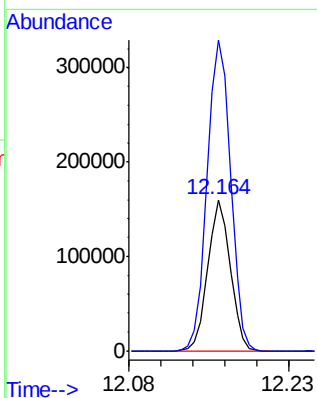
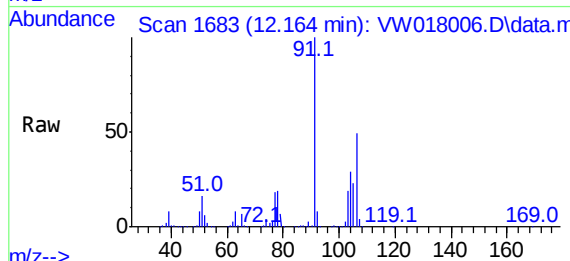




#55
o-xylene
Concen: 24.02 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

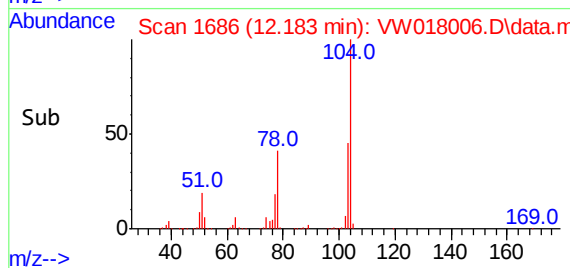
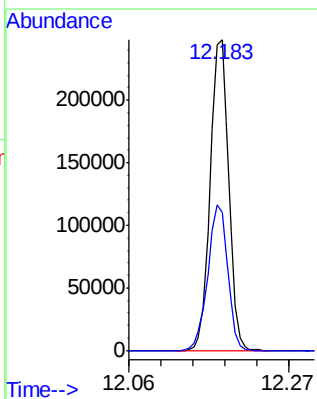
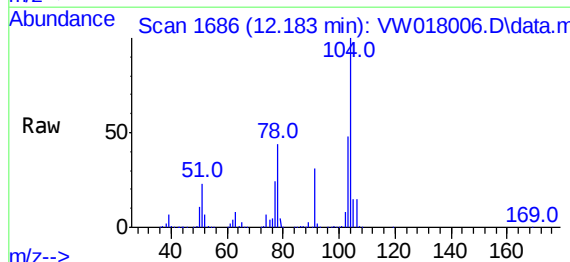
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

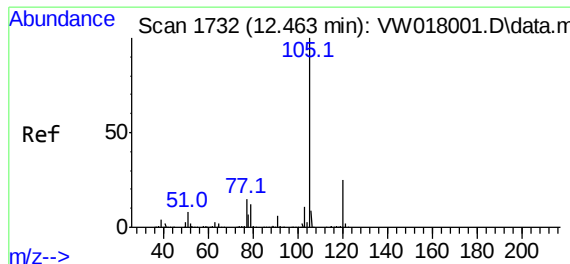
Tgt Ion:106 Resp: 243625
Ion Ratio Lower Upper
106 100
91 205.6 147.6 274.2



#56
Styrene
Concen: 24.20 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion:104 Resp: 417523
Ion Ratio Lower Upper
104 100
78 44.5 31.3 58.1

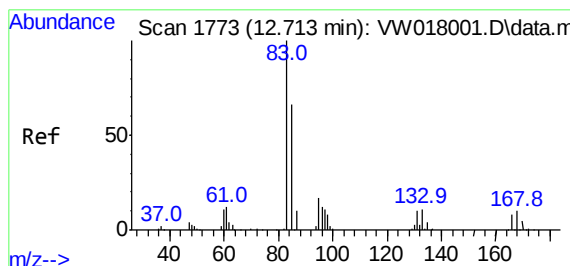
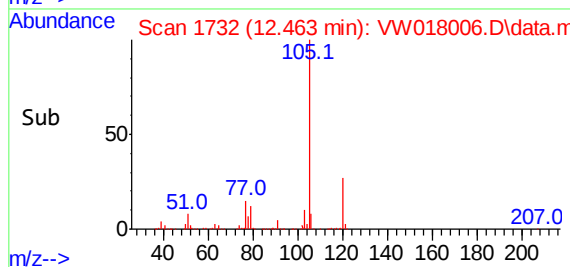
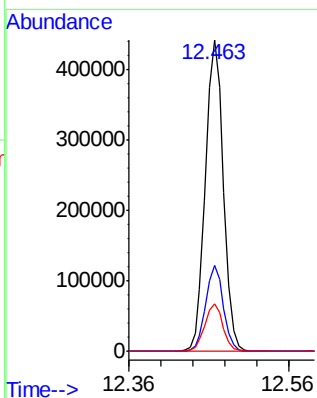
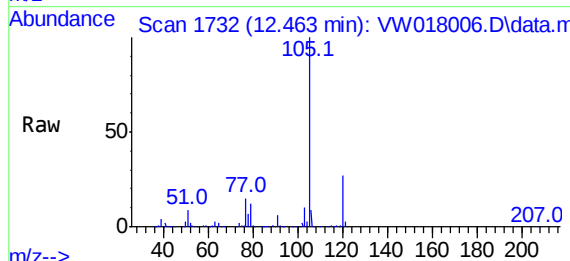




#57
Isopropylbenzene
Concen: 24.35 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

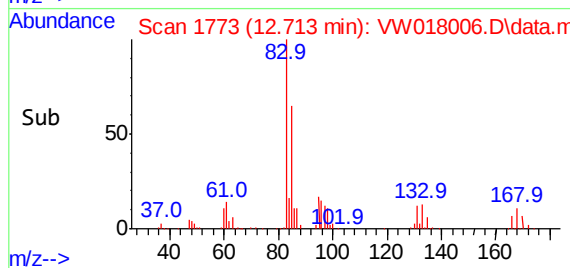
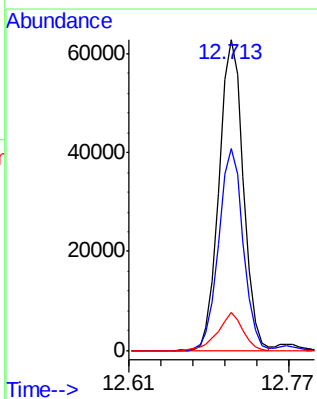
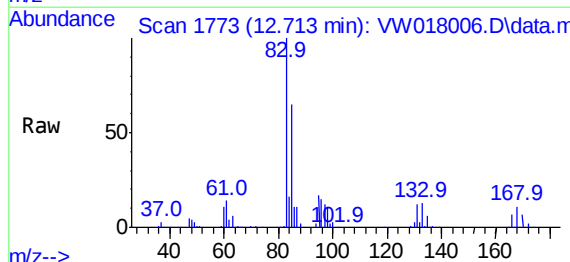
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

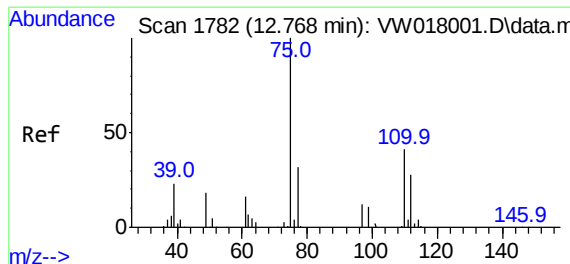
Tgt Ion:105 Resp: 687950
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.2
77 15.1 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 20.01 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 83 Resp: 103981
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
131 12.4 8.3 12.5

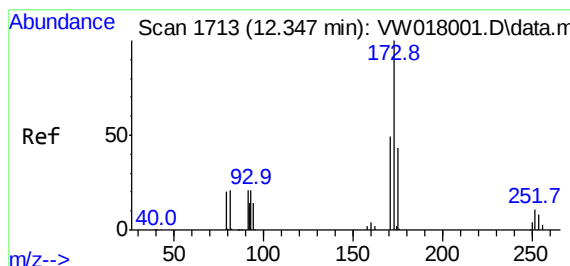
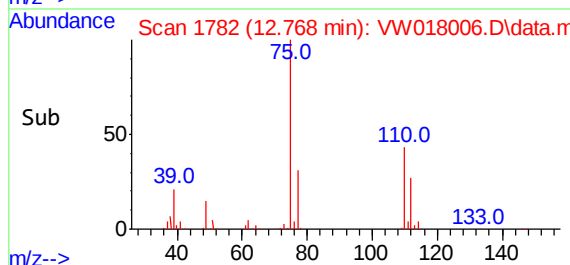
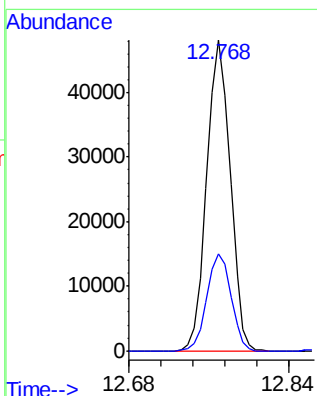
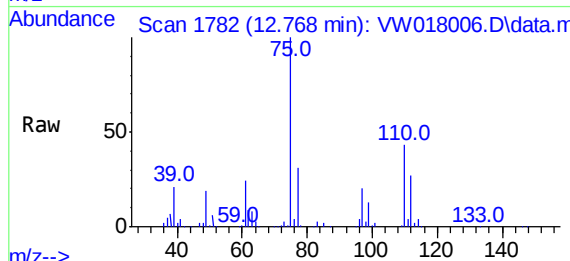




#59
1,2,3-Trichloropropane
Concen: 19.59 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

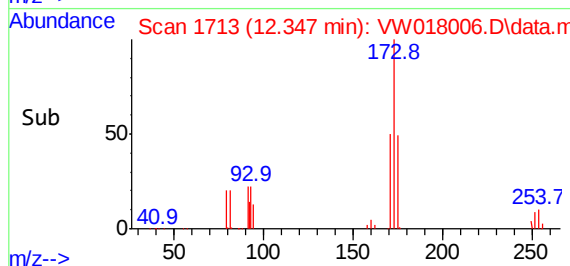
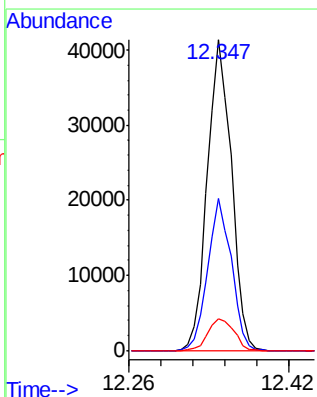
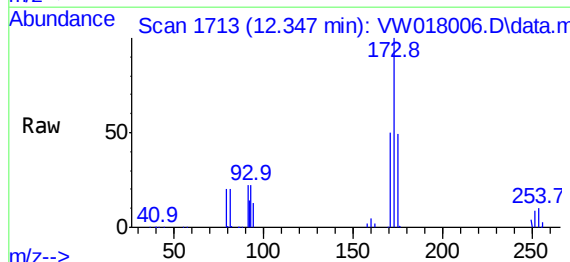
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

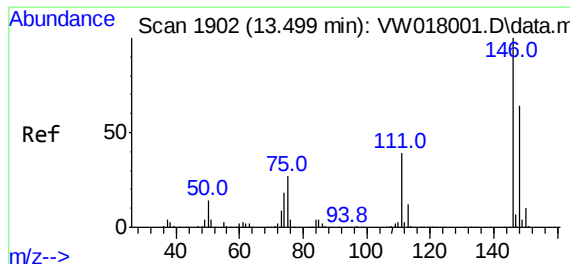
Tgt Ion: 75 Resp: 77101
Ion Ratio Lower Upper
75 100
77 32.0 26.6 39.8



#62
Bromoform
Concen: 21.75 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 173 Resp: 67602
Ion Ratio Lower Upper
173 100
175 48.1 39.1 58.7
254 10.9 7.1 10.7#

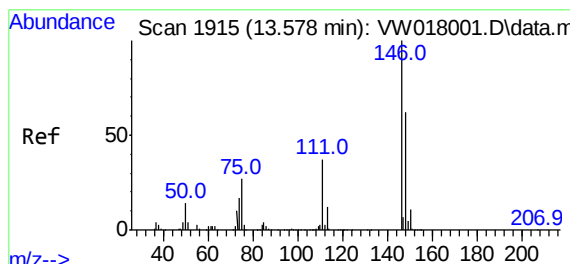
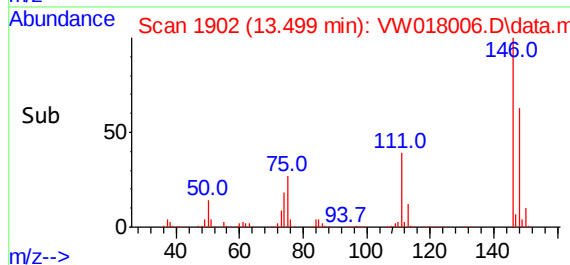
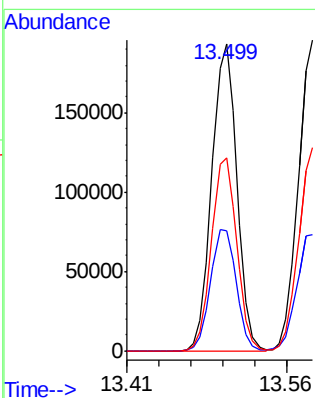
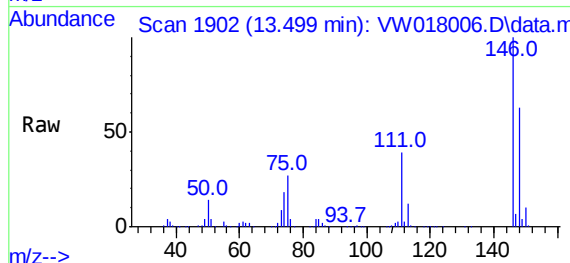




#63
 1,3-Dichlorobenzene
 Concen: 24.04 ug/L
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

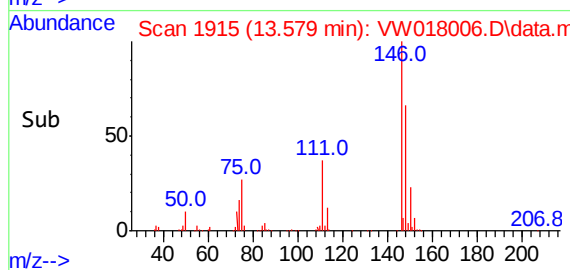
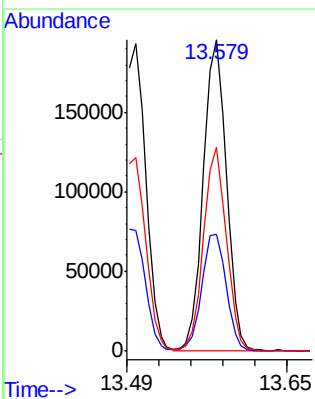
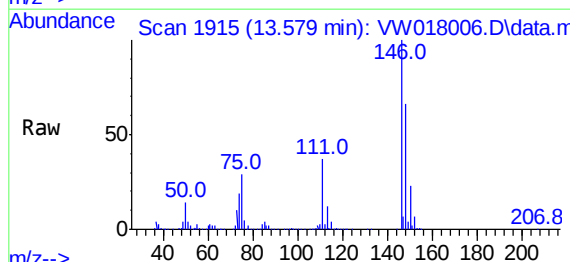
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

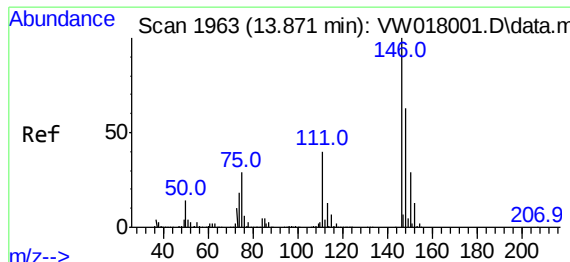
Tgt Ion:146 Resp: 308981
 Ion Ratio Lower Upper
 146 100
 111 39.2 28.5 52.9
 148 63.0 47.8 88.8



#64
 1,4-Dichlorobenzene
 Concen: 23.80 ug/L
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW018006.D
 Acq: 02 Feb 2021 12:26

Tgt Ion:146 Resp: 307700
 Ion Ratio Lower Upper
 146 100
 111 37.4 27.7 51.5
 148 65.5 47.0 87.2

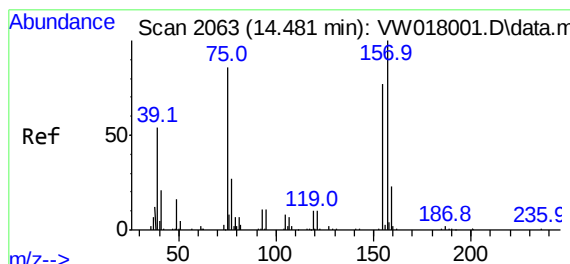
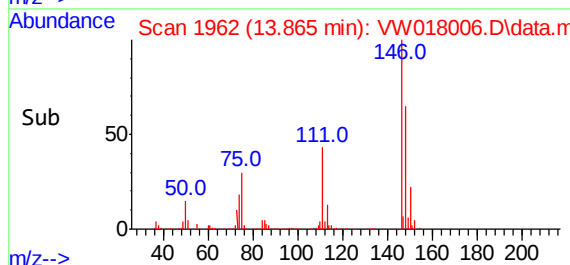
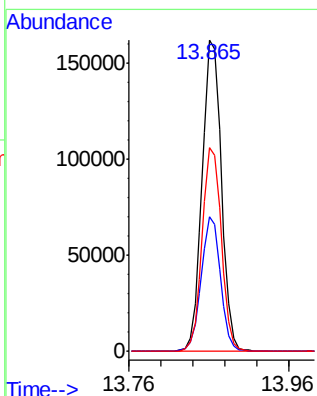
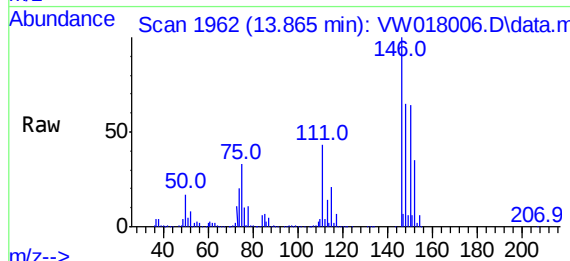




#65
1,2-Dichlorobenzene
Concen: 23.16 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

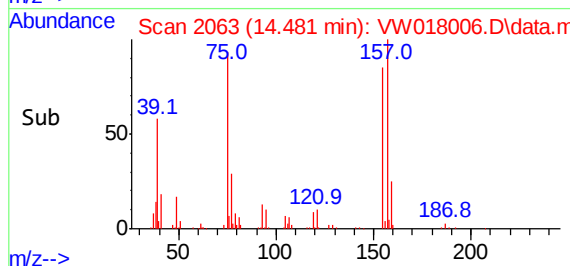
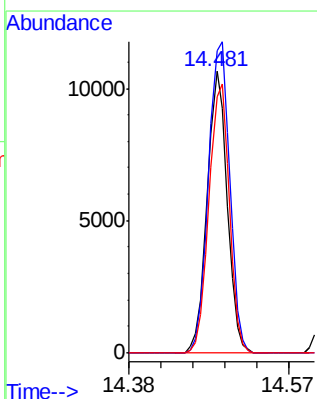
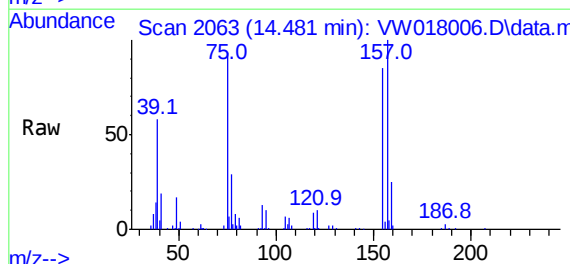
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

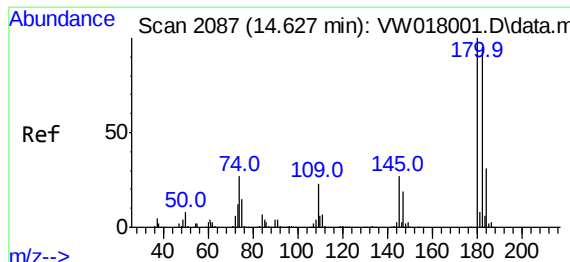
Tgt Ion:146 Resp: 268529
Ion Ratio Lower Upper
146 100
111 43.3 31.7 47.5
148 65.4 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 19.08 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion: 75 Resp: 16756
Ion Ratio Lower Upper
75 100
157 107.6 99.9 149.9
155 91.3 71.4 107.0

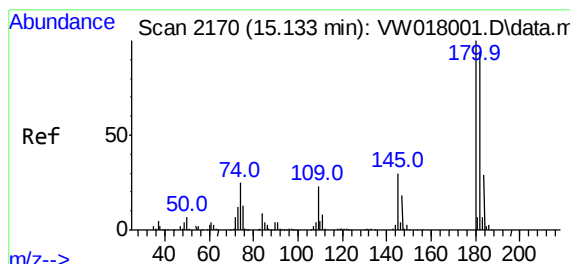
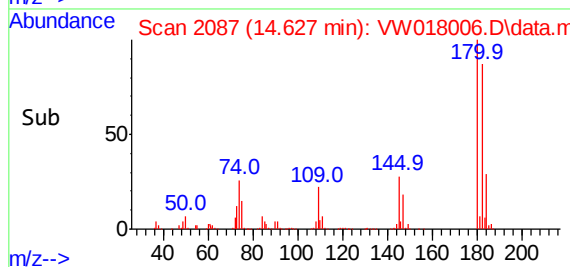
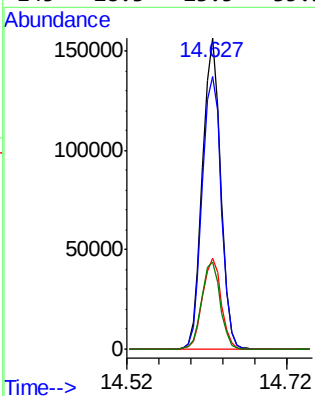
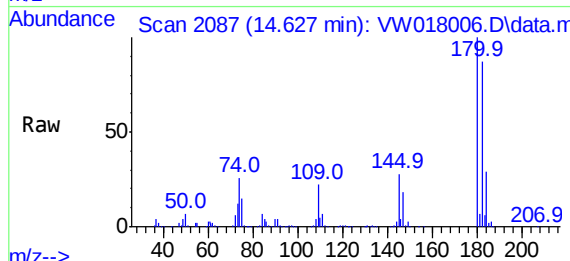




#67
1,3,5-Trichlorobenzene
Concen: 25.01 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

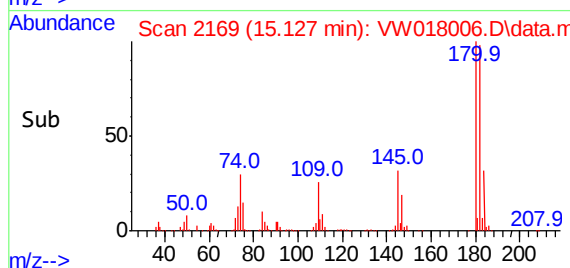
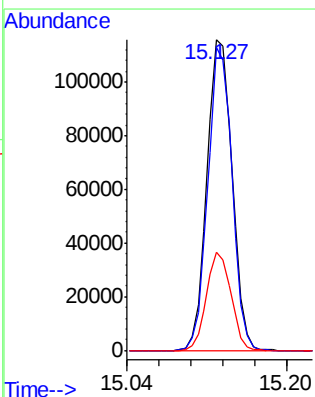
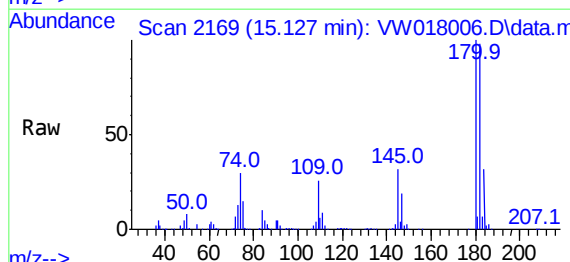
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

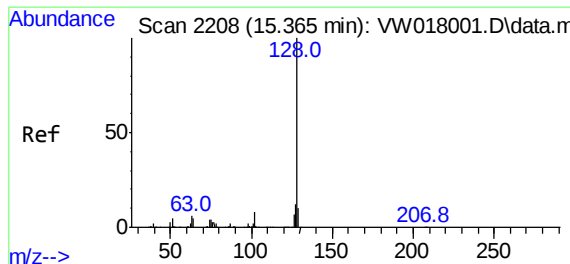
Tgt Ion:180 Resp: 247016
Ion Ratio Lower Upper
180 100
182 92.4 77.0 115.6
184 29.5 24.2 36.4
145 28.3 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 23.96 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion:180 Resp: 197272
Ion Ratio Lower Upper
180 100
182 93.9 71.3 106.9
145 30.8 24.0 36.0

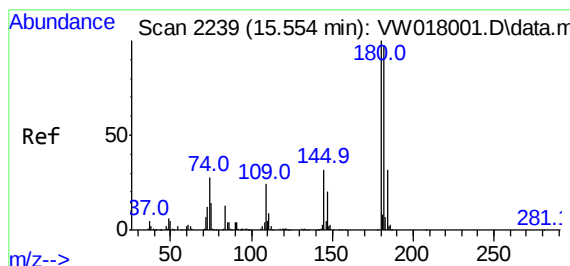
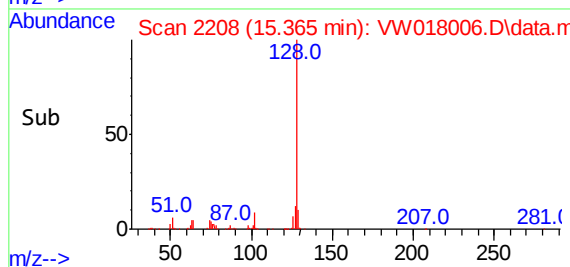
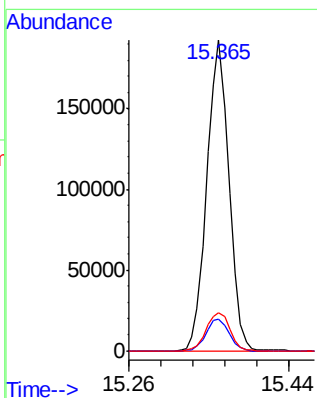
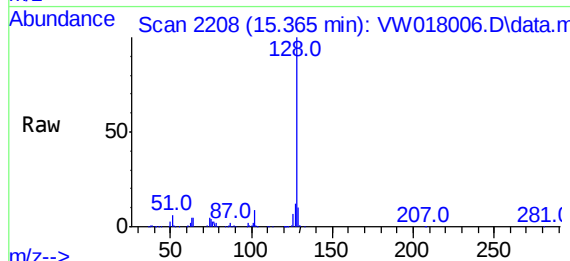




#69
Naphthalene
Concen: 20.59 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion:128 Resp: 329813
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 22.89 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018006.D
Acq: 02 Feb 2021 12:26

Tgt Ion:180 Resp: 167953
Ion Ratio Lower Upper
180 100
182 94.7 74.7 112.1
145 32.5 25.4 38.0

