

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032221\
 Data File : VW018412.D
 Acq On : 22 Mar 2021 09:42
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

Quant Time: Mar 23 01:07:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	579543	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	531330	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	269837	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	189186	23.46	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	93.84%		
7) Chloroethane-d5	2.891	69	166161	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.16%		
10) 1,1-Dichloroethene-d2	4.025	63	335644	24.10	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	96.40%		
20) 2-Butanone-d5	7.074	46	76573	42.65	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.30%		
24) Chloroform-d	7.647	84	352467	23.88	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.52%		
26) 1,2-Dichloroethane-d4	8.305	65	200896	23.31	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.24%		
29) Benzene-d6	8.275	84	667935	23.65	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.60%		
33) 1,2-Dichloropropane-d6	9.274	67	192019	23.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.28%		
37) Toluene-d8	10.323	98	646694	23.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	95.12%		
38) trans-1,3-Dichloroprop...	10.579	79	100815	23.99	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	95.96%		
39) 2-Hexanone-d5	10.920	63	68983	43.26	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	86.52%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	166224	22.81	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.24%		
61) 1,2-Dichlorobenzene-d4	13.853	152	224830	23.44	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.76%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	160843	24.16	ug/L	98
3) Chloromethane	2.215	50	185843	22.15	ug/L	99
5) Vinyl chloride	2.367	62	281025	25.51	ug/L	98
6) Bromomethane	2.782	94	201099	25.27	ug/L	99
8) Chloroethane	2.928	64	168956	24.59	ug/L	99
9) Trichlorofluoromethane	3.263	101	135002	24.35	ug/L	99
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	185689	26.05	ug/L	98
12) 1,1-Dichloroethene	4.038	96	186166	25.59	ug/L	89
13) Acetone	4.123	43	51491	39.92	ug/L	93
14) Carbon disulfide	4.385	76	568564	25.95	ug/L	98
15) Methyl Acetate	4.665	43	69656	23.61	ug/L	99
16) Methylene chloride	4.915	84	194926	20.51	ug/L	93
17) Methyl tert-butyl Ether	5.421	73	254979	23.99	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	199789	24.88	ug/L	95
19) 1,1-Dichloroethane	6.214	63	346679	25.30	ug/L	99
21) 2-Butanone	7.165	43	86523	42.22	ug/L	100
22) cis-1,2-Dichloroethene	7.165	96	209666	24.82	ug/L	94
23) Bromochloromethane	7.513	128	91891	24.58	ug/L	87
25) Chloroform	7.671	83	366652	25.21	ug/L	99
27) 1,2-Dichloroethane	8.397	62	254934	24.71	ug/L	99

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 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

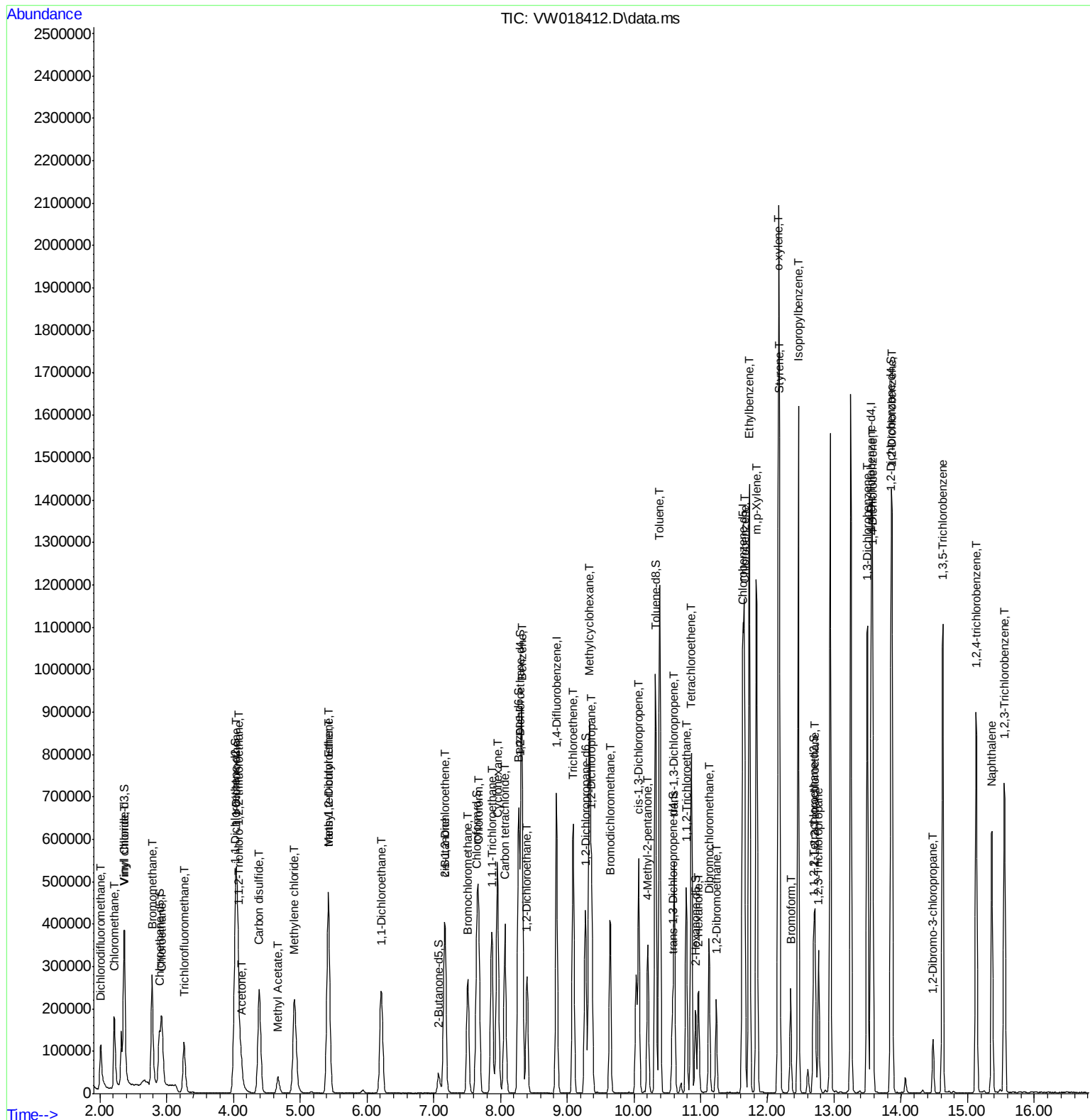
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	313360	24.84	ug/L	97
31) 1,1,1-Trichloroethane	7.872	97	310211	26.12	ug/L	98
32) Carbon tetrachloride	8.067	117	290206	26.22	ug/L	99
34) Benzene	8.323	78	781747	25.40	ug/L	100
35) Trichloroethene	9.092	95	214204	25.20	ug/L	98
36) Methylcyclohexane	9.335	83	378740	25.44	ug/L	99
40) 1,2-Dichloropropane	9.366	63	186779	24.81	ug/L	98
41) Bromodichloromethane	9.640	83	273080	25.66	ug/L	100
42) cis-1,3-Dichloropropene	10.073	75	321550	25.26	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	206597	45.64	ug/L	98
44) Toluene	10.384	91	881530	25.20	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	290633	25.43	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	145739	24.28	ug/L	98
47) Tetrachloroethene	10.860	164	169796	26.30	ug/L	96
49) 2-Hexanone	10.969	43	143883	44.92	ug/L	98
50) Dibromochloromethane	11.128	129	181431	25.64	ug/L	94
51) 1,2-Dibromoethane	11.231	107	145261	24.44	ug/L	99
52) Chlorobenzene	11.658	112	567725	25.59	ug/L	99
53) Ethylbenzene	11.731	91	1010306	25.62	ug/L	100
54) m,p-Xylene	11.835	106	386664	25.65	ug/L	98
55) o-xylene	12.164	106	366136	25.48	ug/L	99
56) Styrene	12.182	104	632819	25.83	ug/L	94
57) Isopropylbenzene	12.463	105	1006103	25.75	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	176387	24.28	ug/L	94
59) 1,2,3-Trichloropropane	12.768	75	132200	24.10	ug/L	98
62) Bromoform	12.347	173	104481	25.25	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	441086	25.54	ug/L	98
64) 1,4-Dichlorobenzene	13.579	146	425352	24.41	ug/L	97
65) 1,2-Dichlorobenzene	13.865	146	386775	25.06	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	31819	22.81	ug/L #	86
67) 1,3,5-Trichlorobenzene	14.627	180	331518	26.62	ug/L	98
68) 1,2,4-trichlorobenzene	15.127	180	263601	24.87	ug/L	91
69) Naphthalene	15.365	128	520162	23.57	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	235339	25.45	ug/L	97

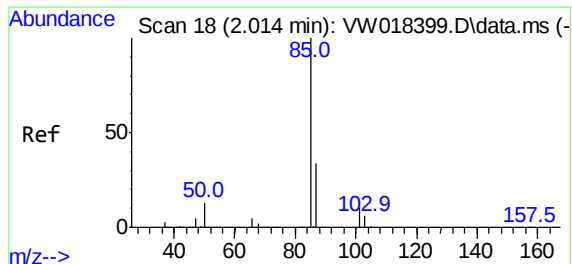
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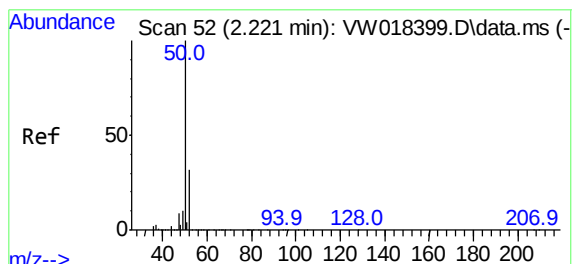
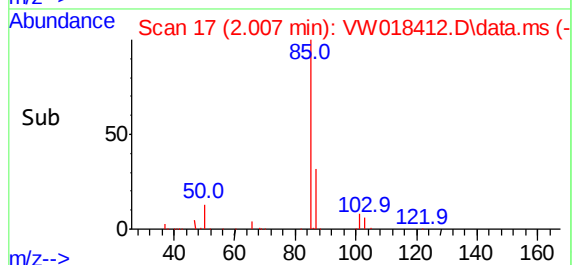
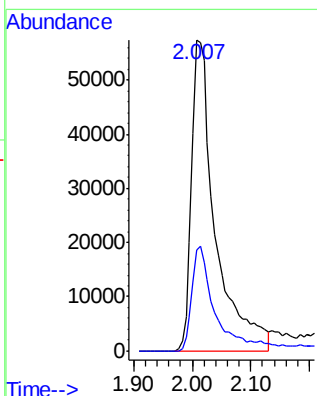
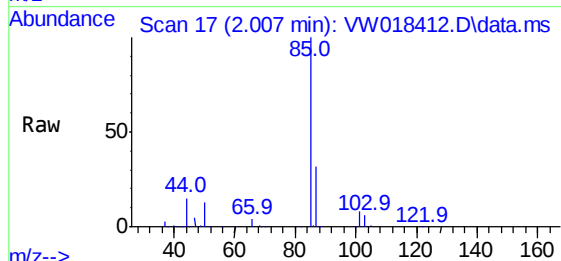




#2
Dichlorodifluoromethane
Concen: 24.16 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

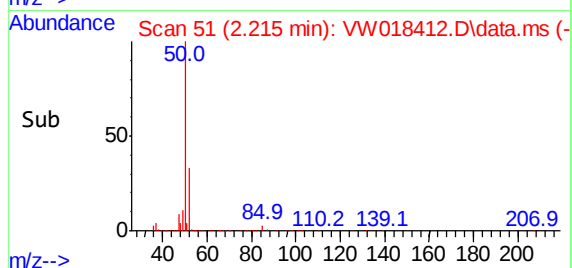
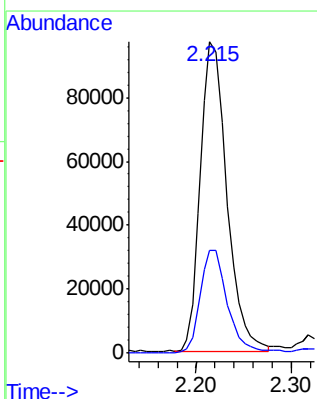
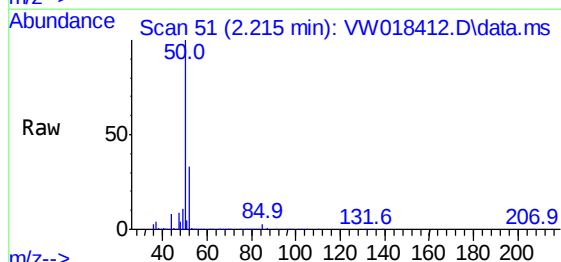
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MSVOA_W
ClientSampleId :
VSTD02508

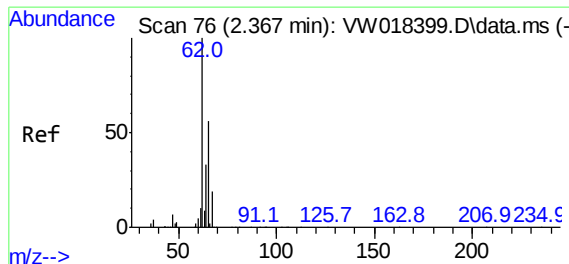
Tgt Ion: 85 Resp: 160843
Ion Ratio Lower Upper
85 100
87 30.5 22.2 41.2



#3
Chloromethane
Concen: 22.15 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 50 Resp: 185843
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9

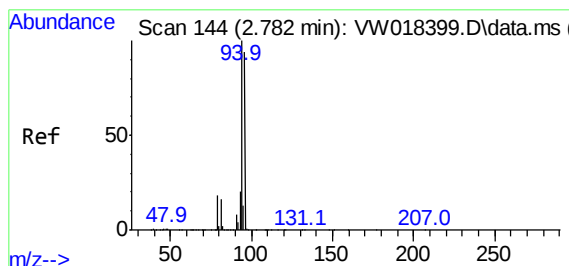
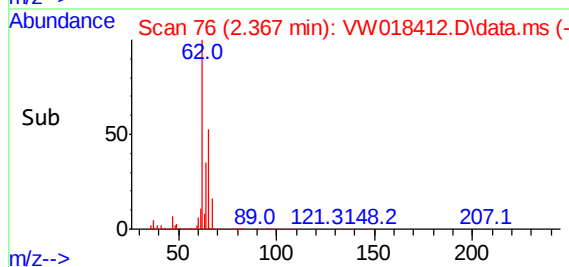
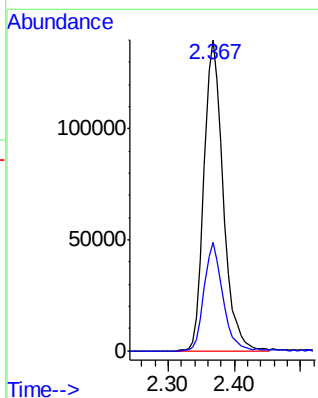
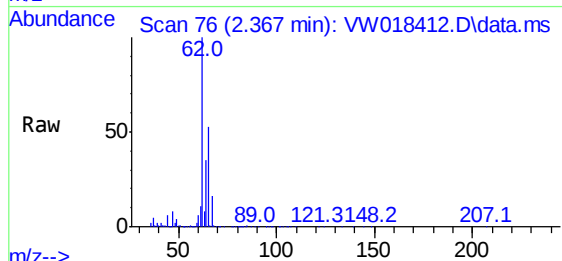




#5
 Vinyl chloride
 Concen: 25.51 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018412.D
 Acq: 22 Mar 2021 09:42

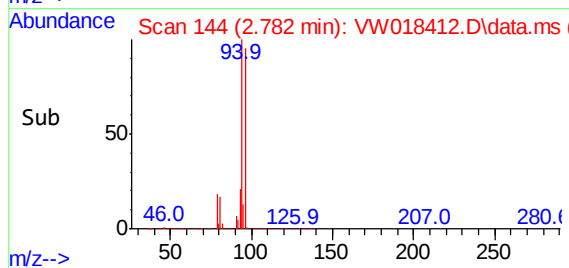
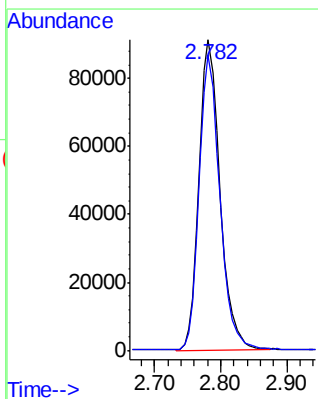
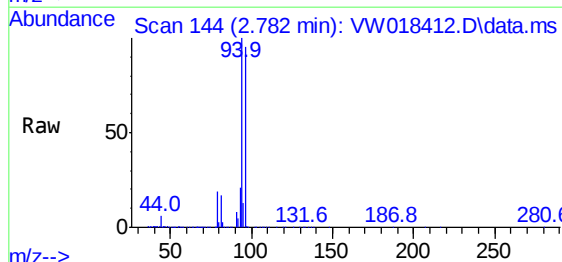
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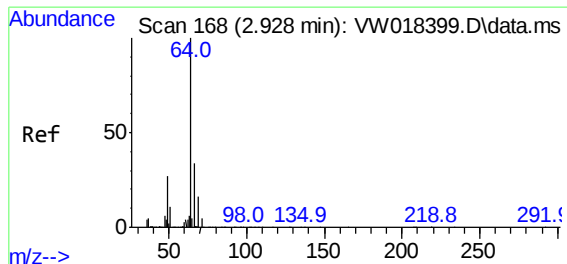
Tgt Ion: 62 Resp: 281025
 Ion Ratio Lower Upper
 62 100
 64 34.9 23.5 43.7



#6
 Bromomethane
 Concen: 25.27 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018412.D
 Acq: 22 Mar 2021 09:42

Tgt Ion: 94 Resp: 201099
 Ion Ratio Lower Upper
 94 100
 96 93.6 9.4 179.4

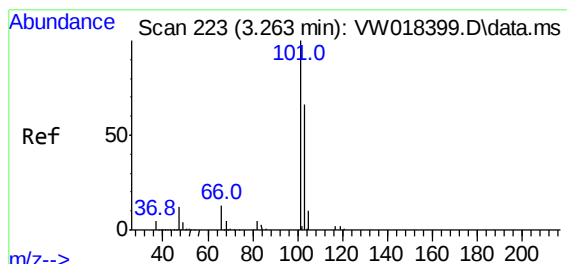
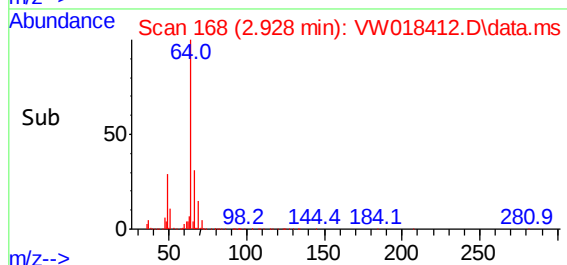
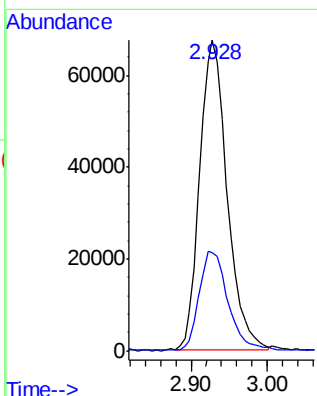
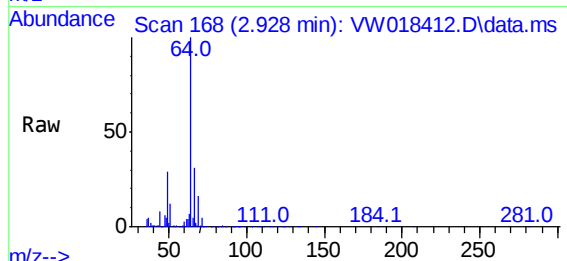




#8
Chloroethane
Concen: 24.59 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

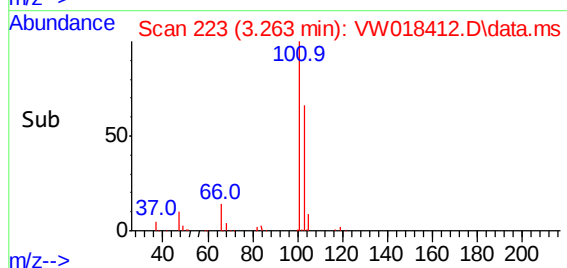
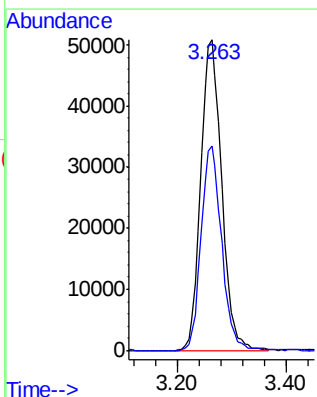
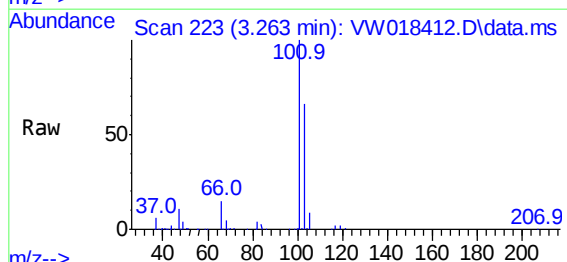
Instrument :
MSVOA_W
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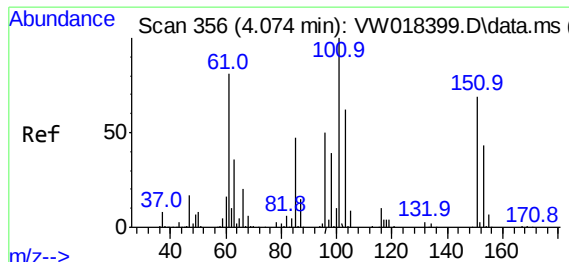
Tgt Ion: 64 Resp: 168956
Ion Ratio Lower Upper
64 100
66 31.5 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.35 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion:101 Resp: 135002
Ion Ratio Lower Upper
101 100
103 64.5 45.6 84.8



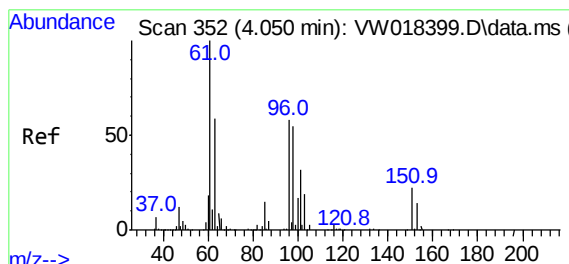
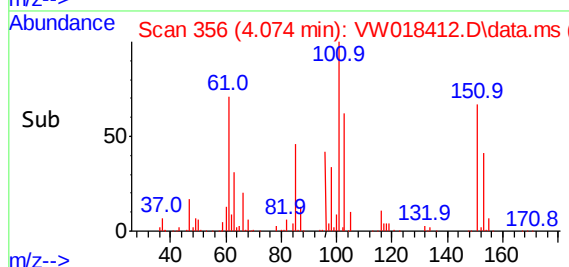
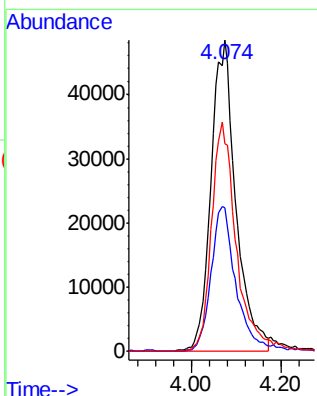
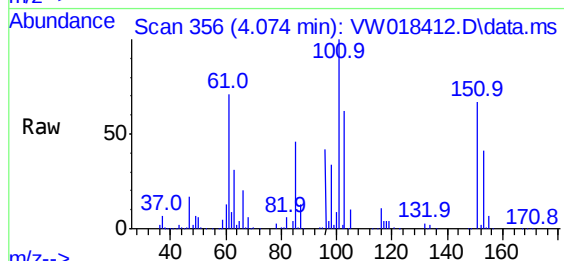


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.05 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. -0.000 min
 Lab File: VW018412.D
 Acq: 22 Mar 2021 09:42

Instrument :
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Tgt Ion:101 Resp: 185689

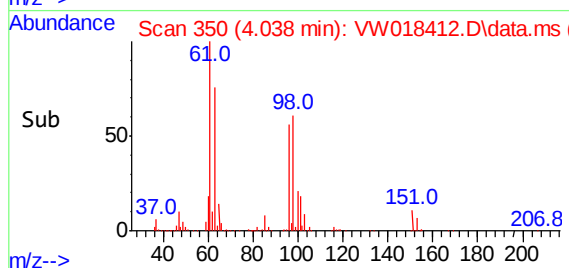
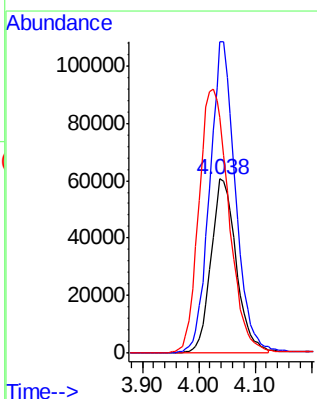
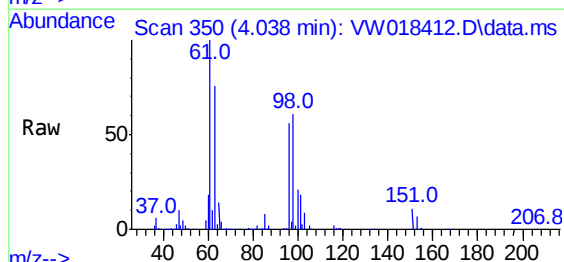
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.6	53.4
151	71.5	58.1	87.1

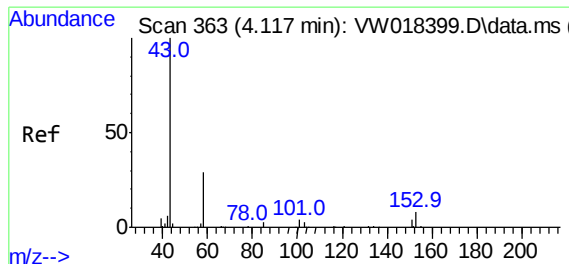


#12
 1,1-Dichloroethene
 Concen: 25.59 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.012 min
 Lab File: VW018412.D
 Acq: 22 Mar 2021 09:42

Tgt Ion: 96 Resp: 186166

Ion	Ratio	Lower	Upper
96	100		
61	179.0	118.6	220.2
63	135.8	82.4	153.0

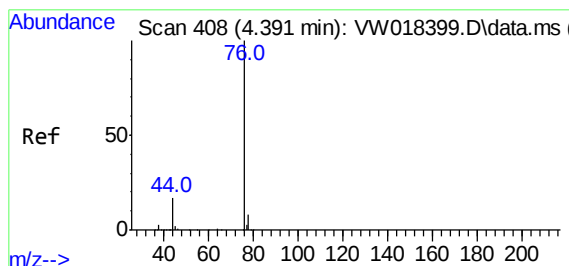
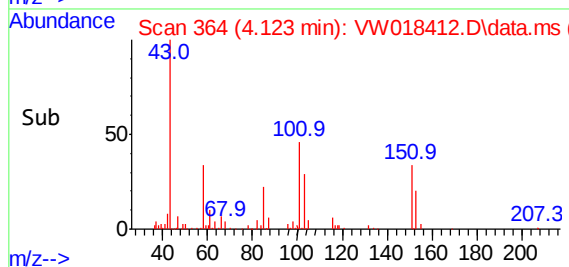
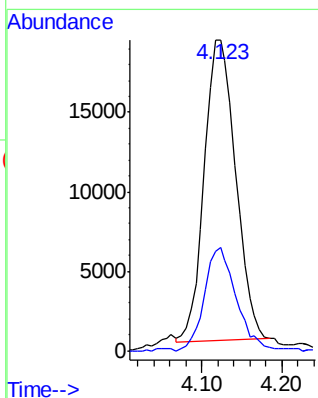
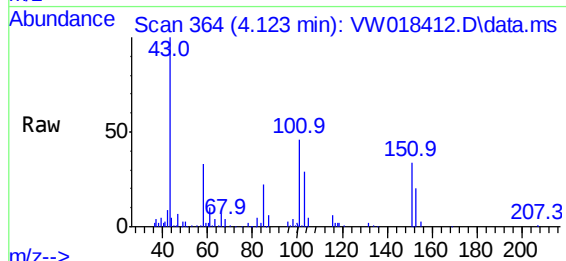




#13
Acetone
Concen: 39.92 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

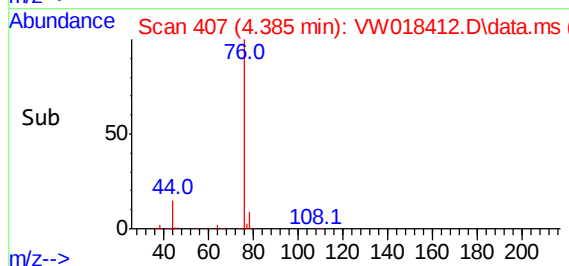
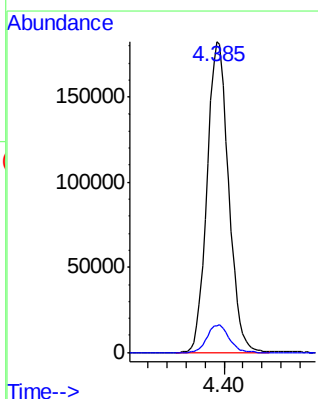
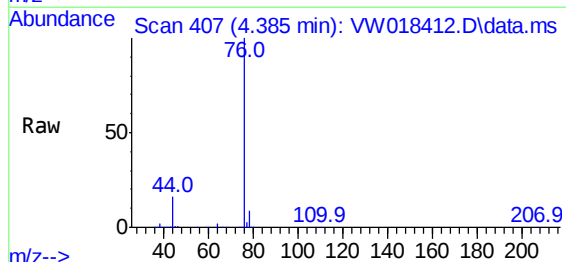
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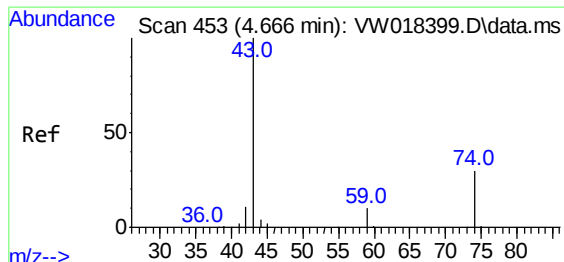
Tgt Ion: 43 Resp: 51491
Ion Ratio Lower Upper
43 100
58 34.8 0.0 62.2



#14
Carbon disulfide
Concen: 25.95 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW018412.D
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Tgt Ion: 76 Resp: 568564
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

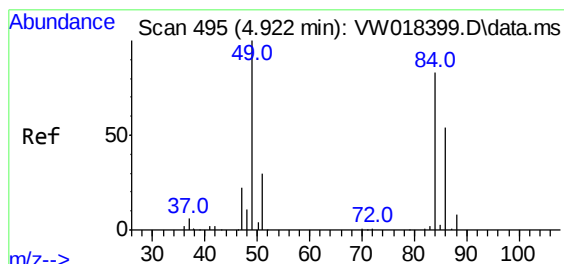
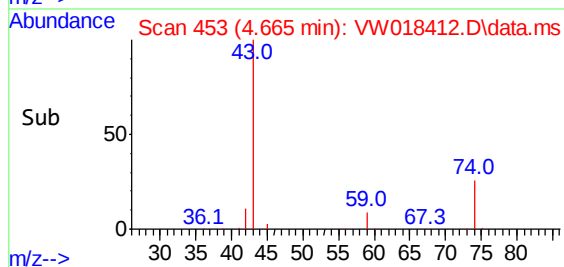
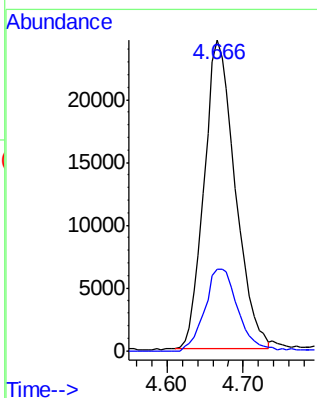
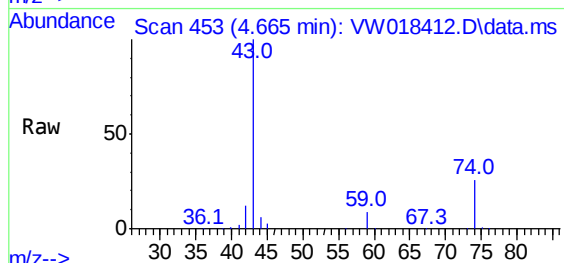




#15
Methyl Acetate
Concen: 23.61 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

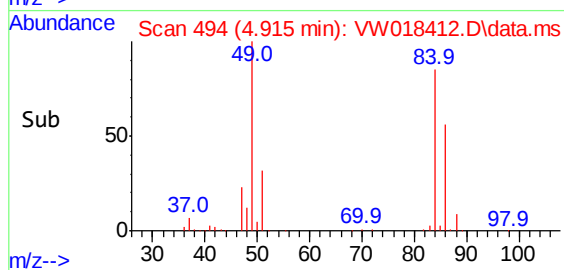
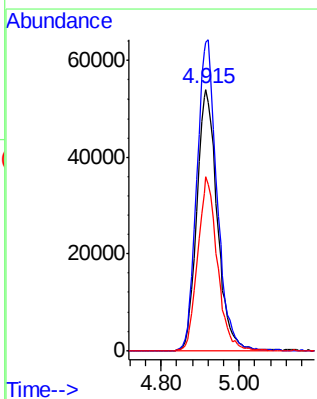
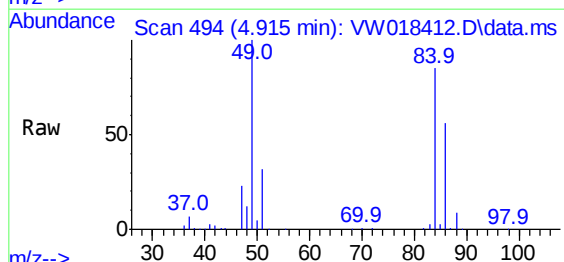
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

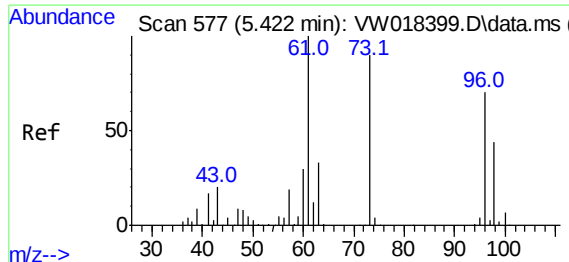
Tgt Ion: 43 Resp: 69656
Ion Ratio Lower Upper
43 100
74 28.0 22.9 34.3



#16
Methylene chloride
Concen: 20.51 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 84 Resp: 194926
Ion Ratio Lower Upper
84 100
49 118.1 74.4 138.2
86 66.7 46.1 85.7



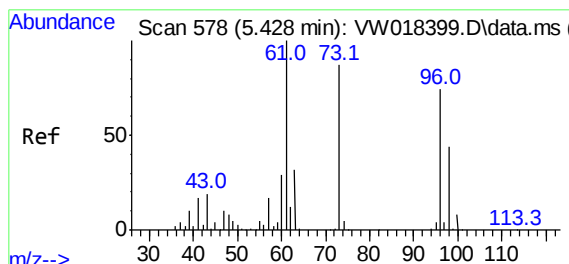
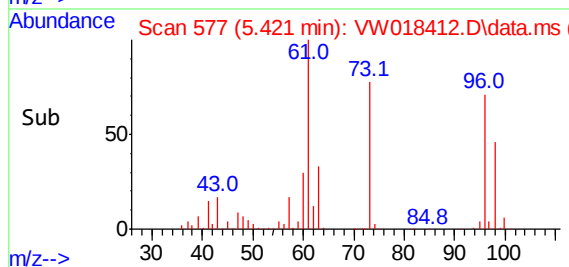
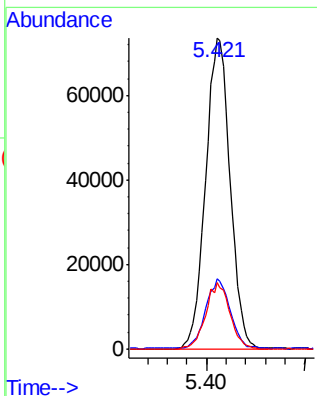
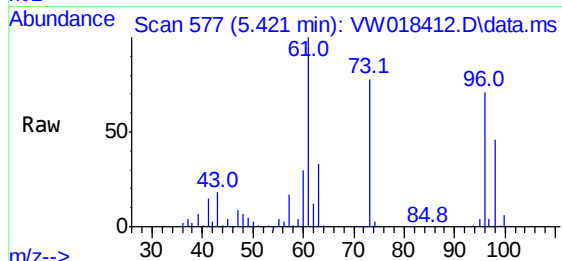


#17
Methyl tert-butyl Ether
Concen: 23.99 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion: 73 Resp: 254979

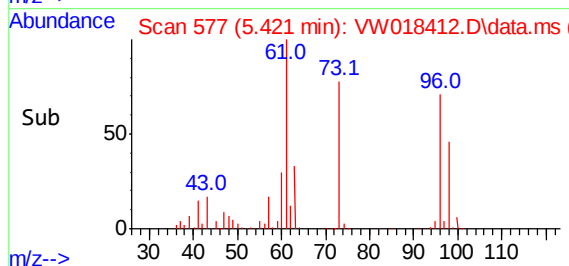
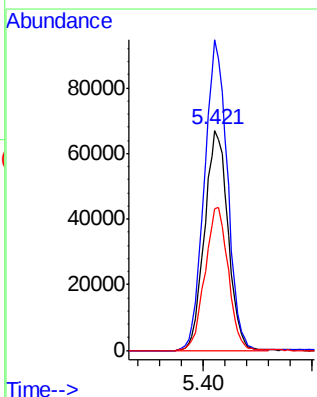
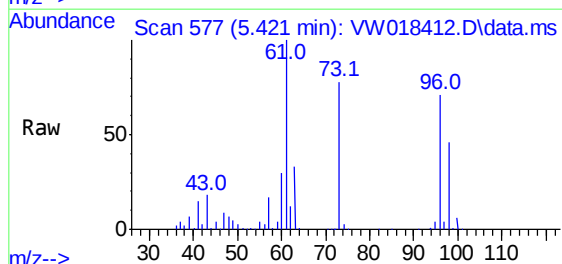
Ion	Ratio	Lower	Upper
73	100		
43	22.0	16.6	24.8
57	20.8	15.9	23.9

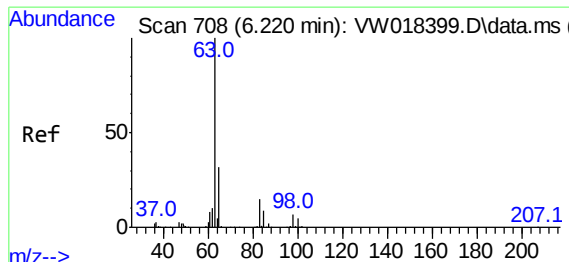


#18
trans-1,2-Dichloroethene
Concen: 24.88 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 96 Resp: 199789

Ion	Ratio	Lower	Upper
96	100		
61	141.2	93.3	173.3
98	64.7	45.2	84.0



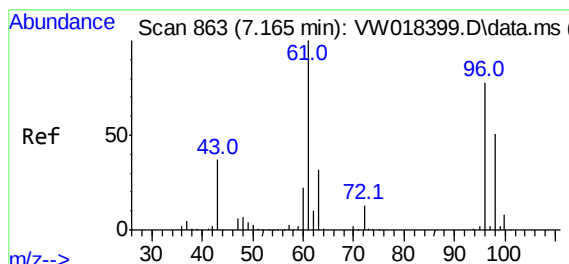
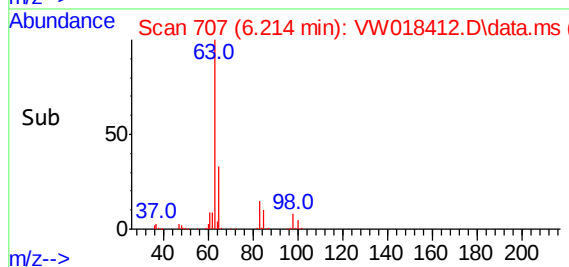
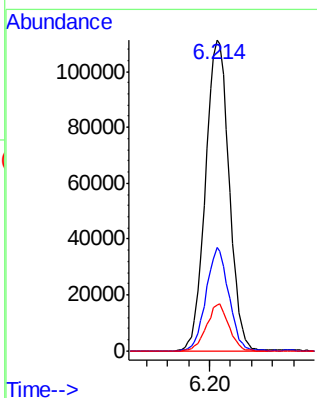
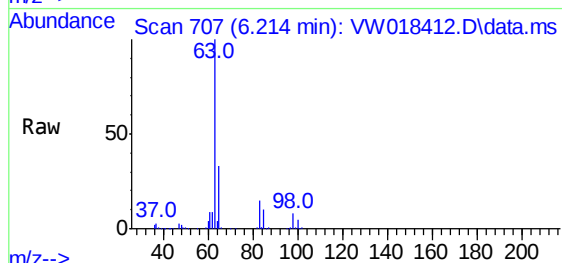


#19
1,1-Dichloroethane
Concen: 25.30 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion: 63 Resp: 346679

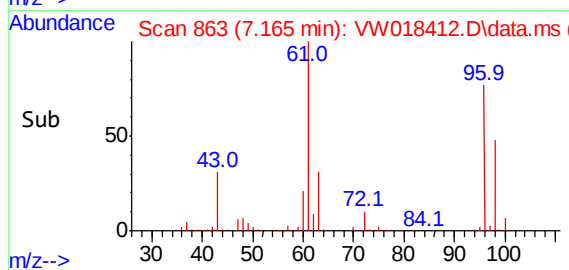
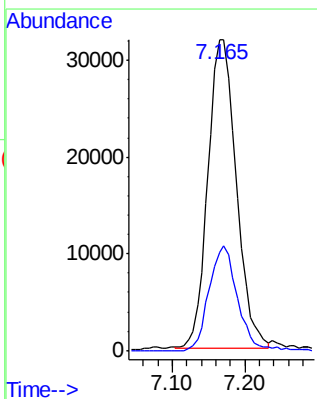
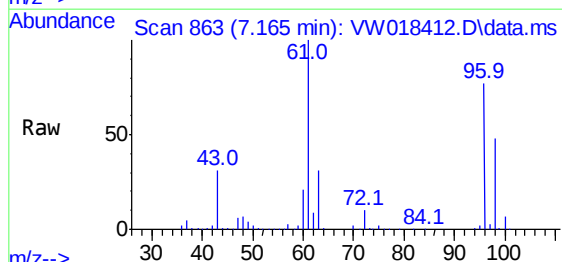
Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.5	43.7
83	14.7	10.3	19.1

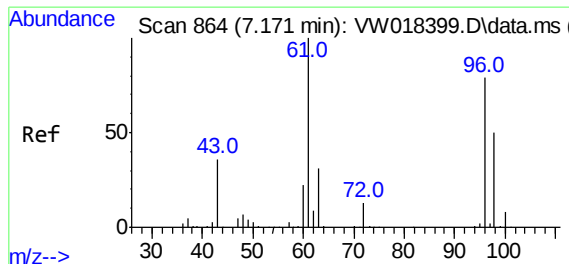


#21
2-Butanone
Concen: 42.22 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 43 Resp: 86523

Ion	Ratio	Lower	Upper
43	100		
72	33.2	16.5	49.5

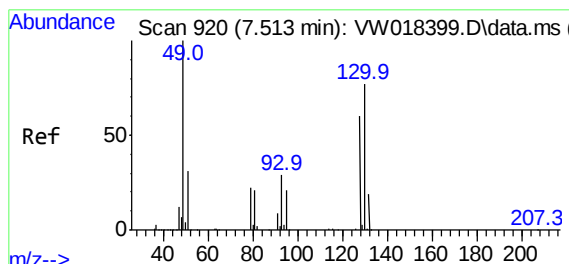
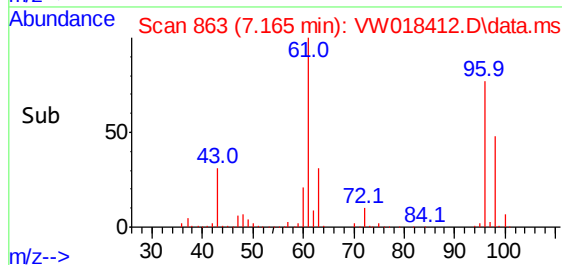
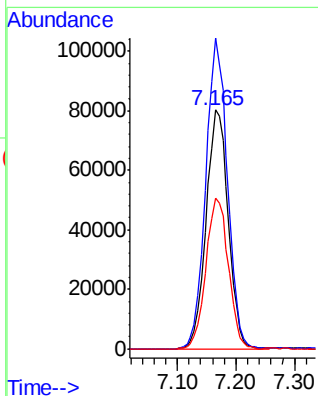
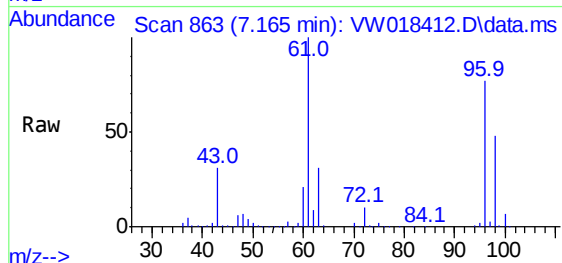




#22
cis-1,2-Dichloroethene
Concen: 24.82 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

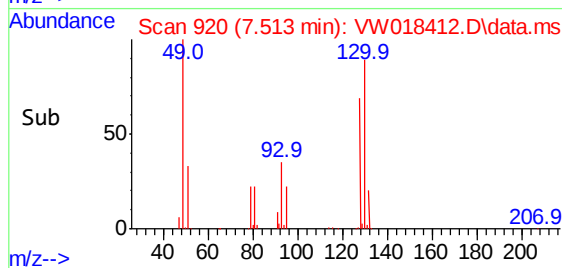
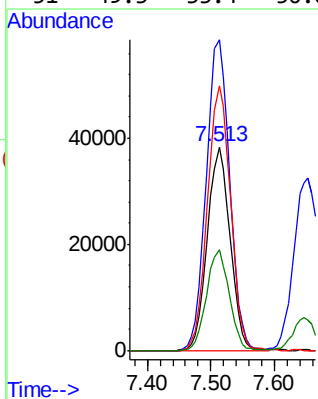
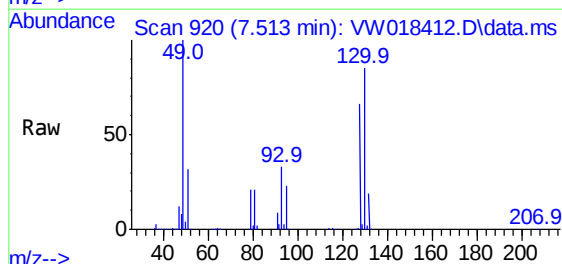
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

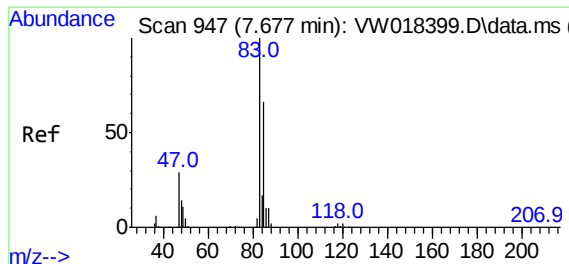
Tgt Ion: 96 Resp: 209666
Ion Ratio Lower Upper
96 100
61 130.2 84.8 157.6
98 63.1 45.1 83.9



#23
Bromochloromethane
Concen: 24.58 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 128 Resp: 91891
Ion Ratio Lower Upper
128 100
49 152.6 92.4 171.6
130 129.8 83.9 155.7
51 49.3 33.4 50.0

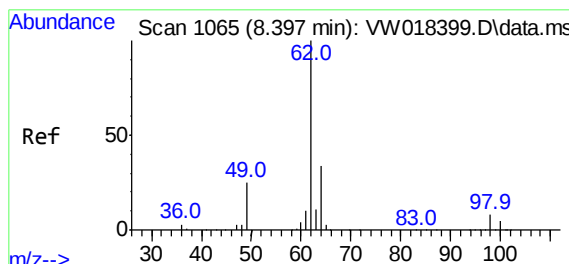
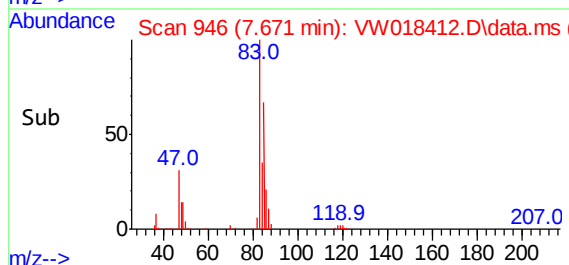
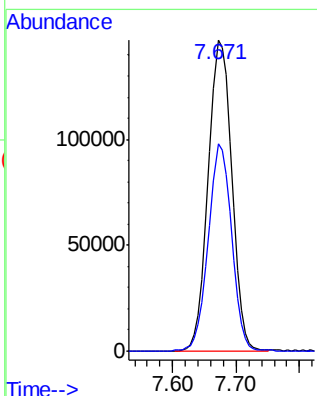
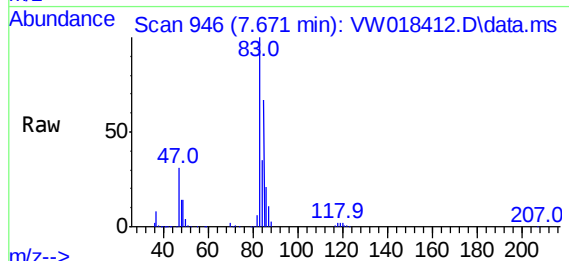




#25
Chloroform
Concen: 25.21 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

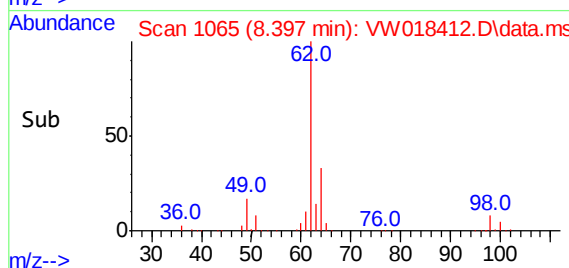
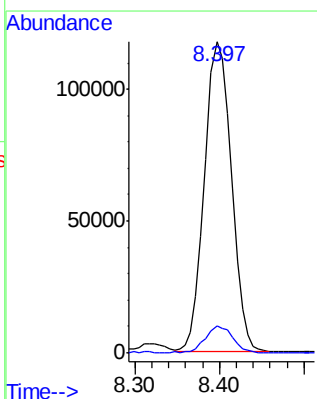
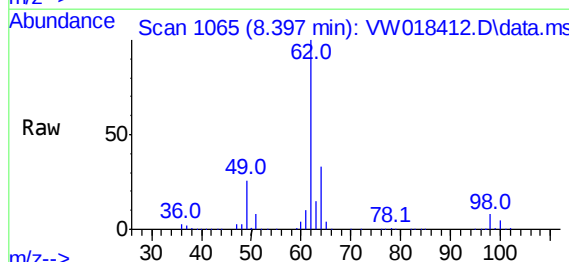
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

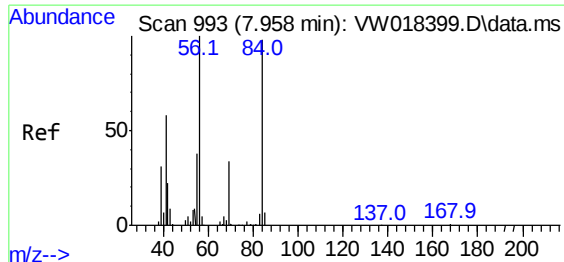
Tgt Ion: 83 Resp: 366652
Ion Ratio Lower Upper
83 100
85 65.7 46.4 86.2



#27
1,2-Dichloroethane
Concen: 24.71 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 62 Resp: 254934
Ion Ratio Lower Upper
62 100
98 8.5 6.4 9.6

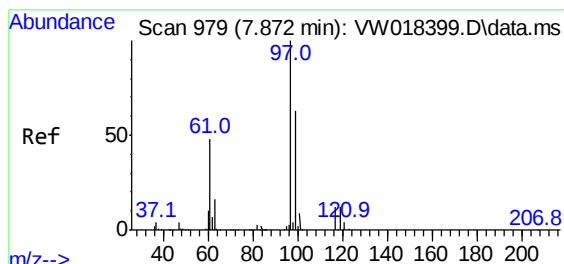
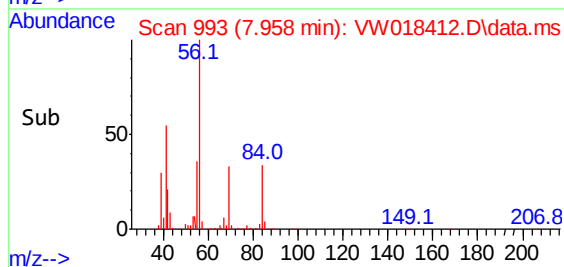
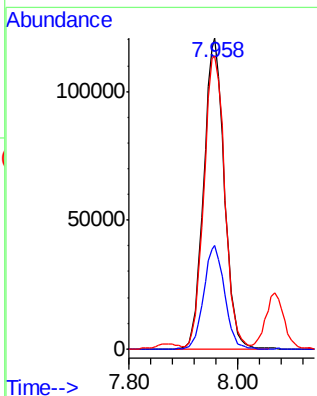
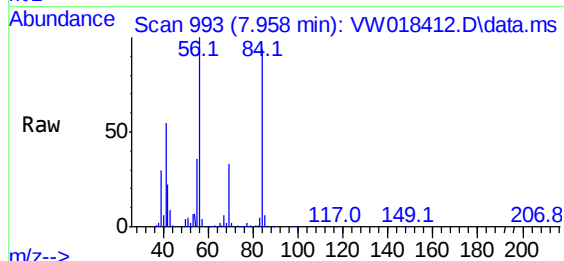




#30
Cyclohexane
Concen: 24.84 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

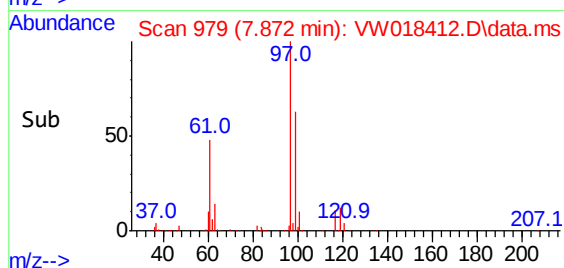
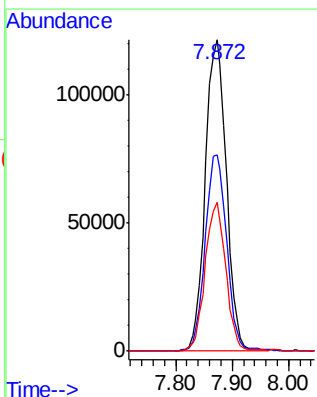
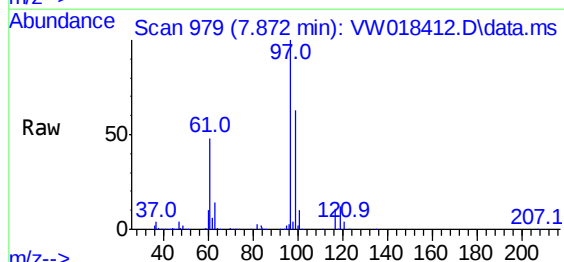
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

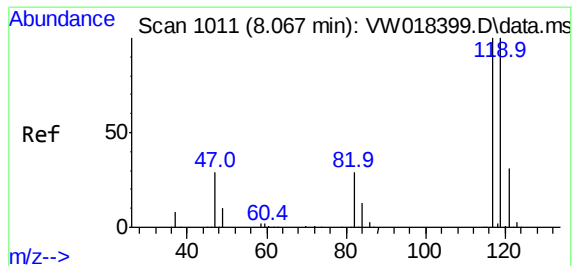
Tgt Ion: 56 Resp: 313360
Ion Ratio Lower Upper
56 100
69 33.6 27.0 40.6
84 96.5 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 26.12 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 97 Resp: 310211
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 46.5 34.8 52.2

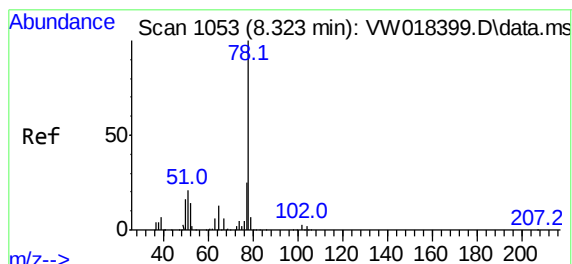
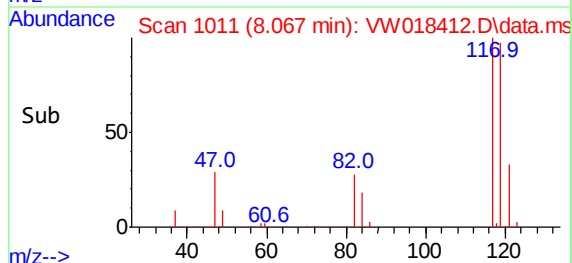
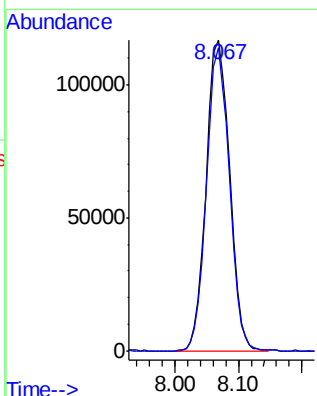
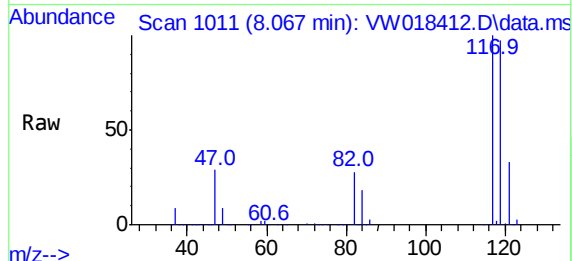




#32
Carbon tetrachloride
Concen: 26.22 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

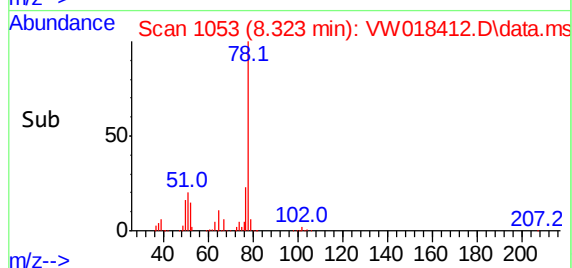
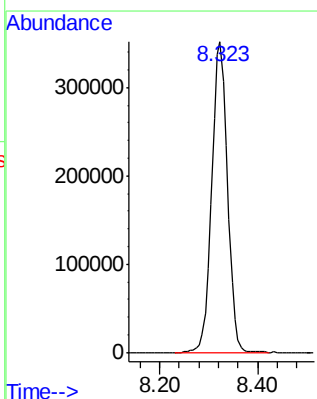
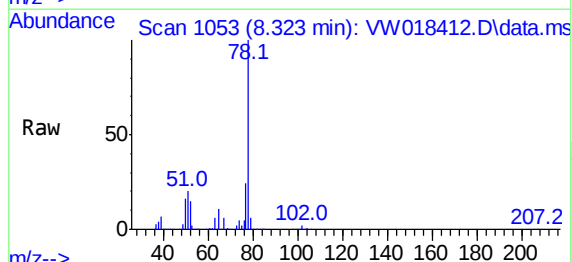
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

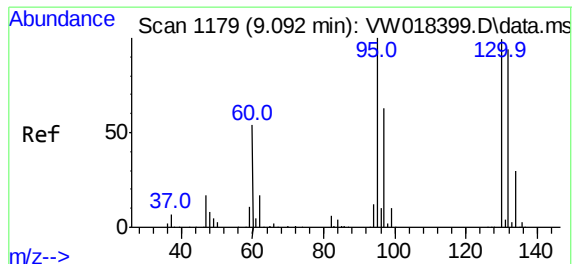
Tgt Ion:117 Resp: 290206
Ion Ratio Lower Upper
117 100
119 94.9 76.7 115.1



#34
Benzene
Concen: 25.40 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 78 Resp: 781747



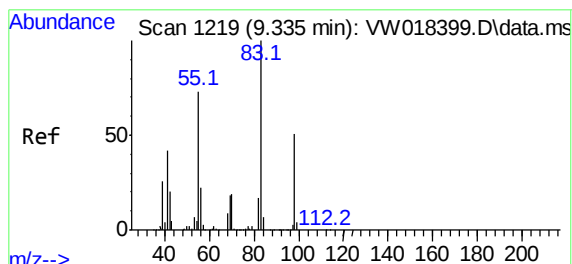
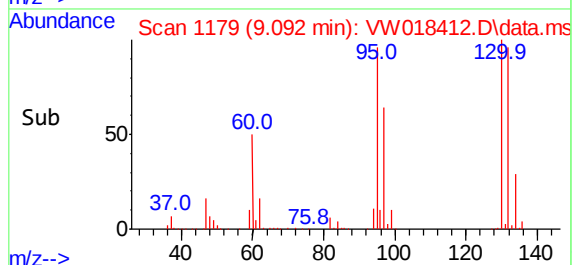
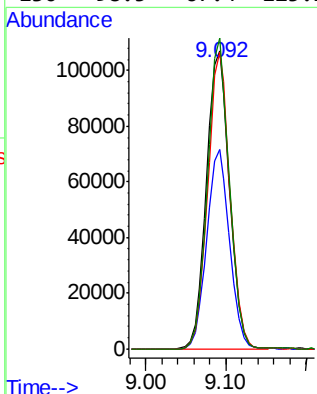
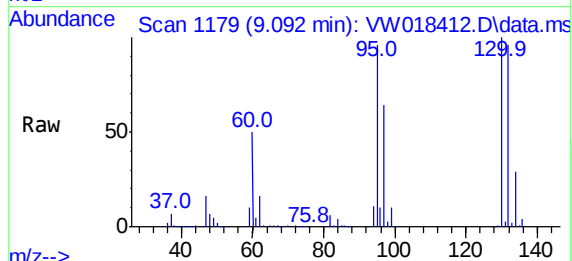


#35
Trichloroethene
Concen: 25.20 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion: 95 Resp: 214204

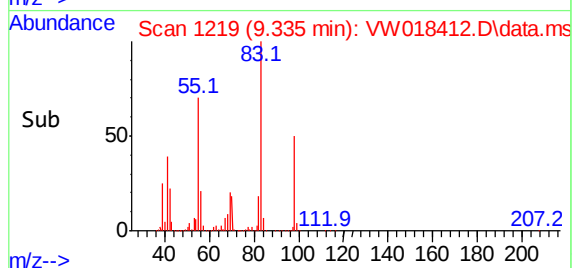
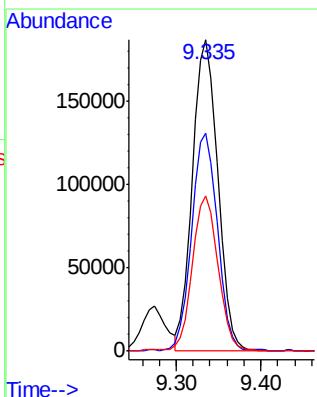
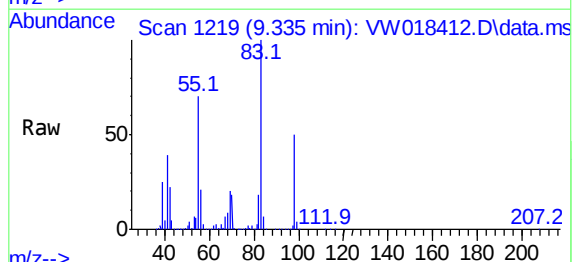
Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.4	82.4
132	95.7	65.9	122.5
130	98.5	67.4	125.2

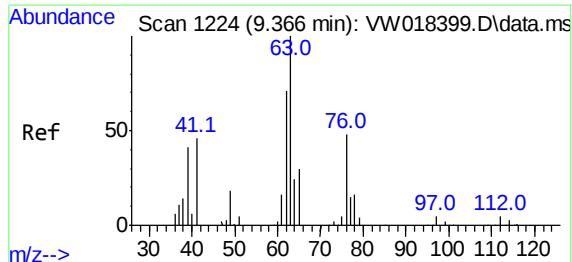


#36
Methylcyclohexane
Concen: 25.44 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 83 Resp: 378740

Ion	Ratio	Lower	Upper
83	100		
55	71.1	56.8	85.2
98	49.8	40.6	61.0

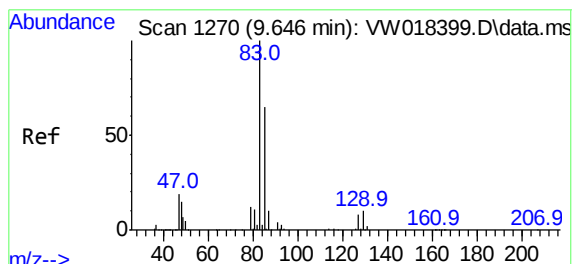
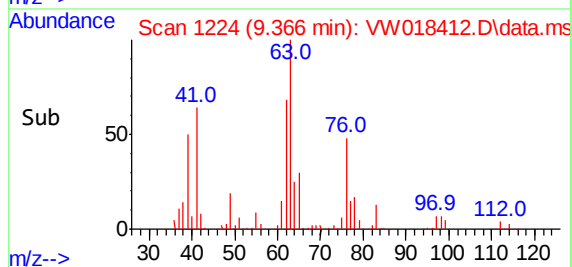
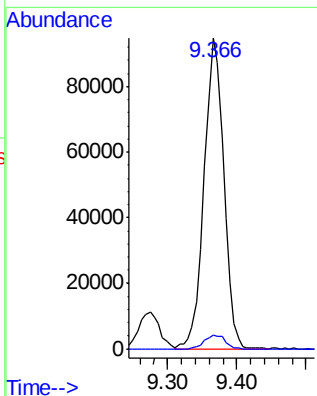
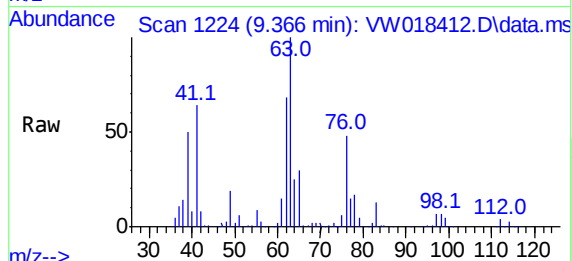




#40
1,2-Dichloropropane
Concen: 24.81 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

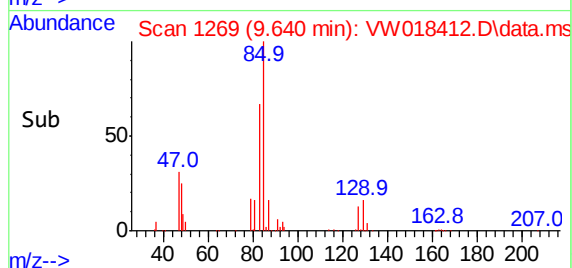
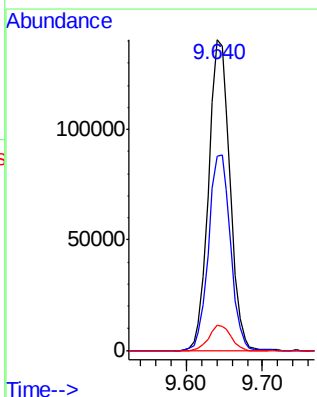
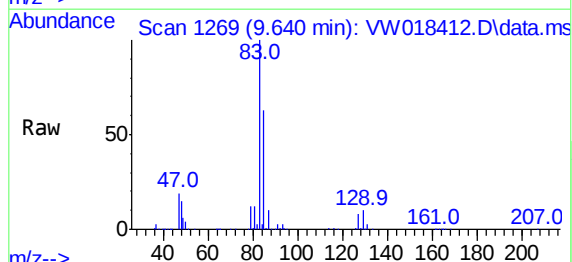
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

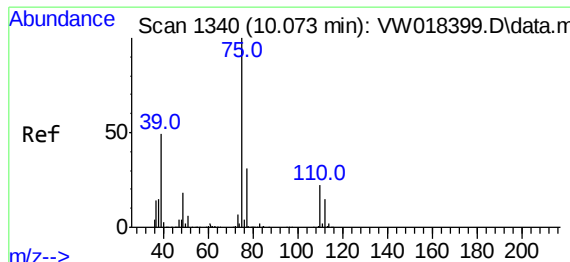
Tgt Ion: 63 Resp: 186779
Ion Ratio Lower Upper
63 100
112 4.6 4.2 6.4



#41
Bromodichloromethane
Concen: 25.66 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 83 Resp: 273080
Ion Ratio Lower Upper
83 100
85 62.6 43.8 81.4
127 8.1 6.9 10.3

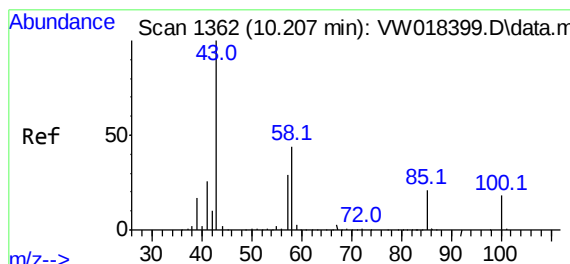
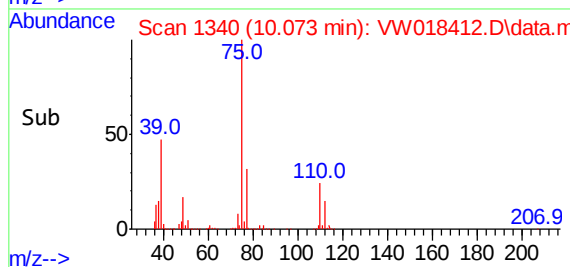
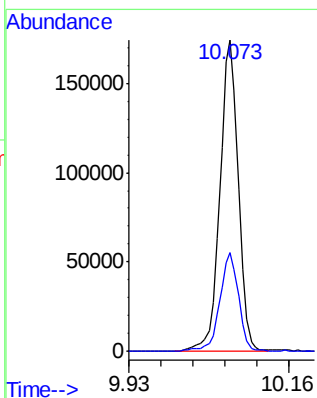
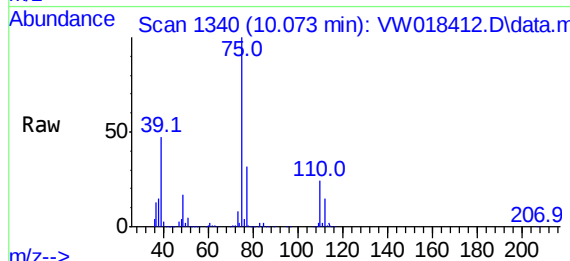




#42
cis-1,3-Dichloropropene
Concen: 25.26 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

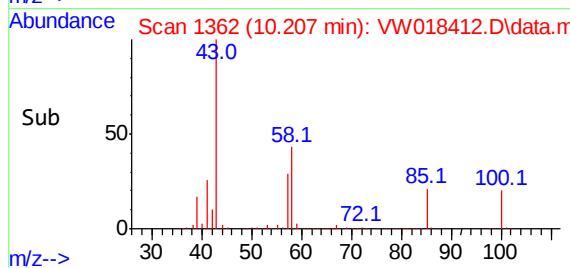
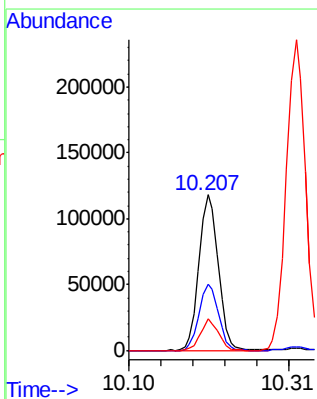
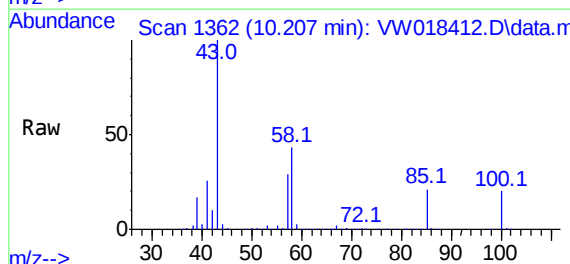
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

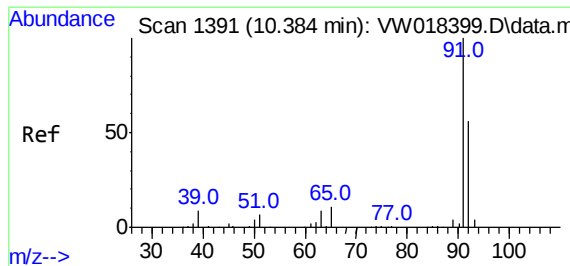
Tgt Ion: 75 Resp: 321550
Ion Ratio Lower Upper
75 100
77 31.7 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 45.64 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 43 Resp: 206597
Ion Ratio Lower Upper
43 100
58 42.7 34.8 52.2
100 18.5 15.9 23.9

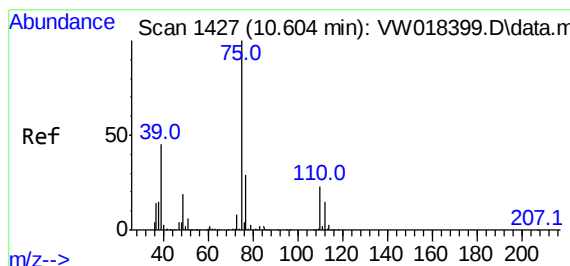
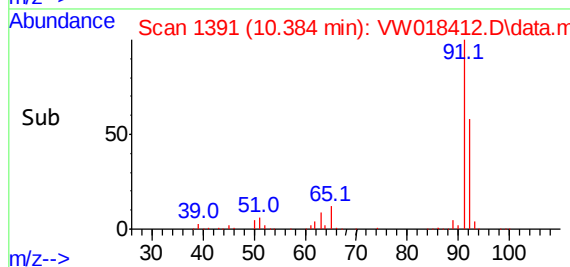
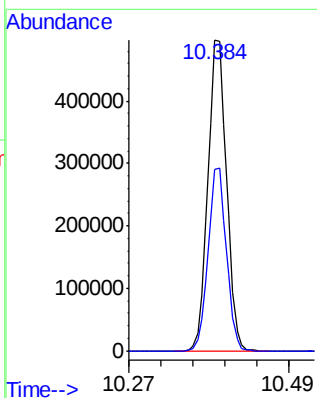
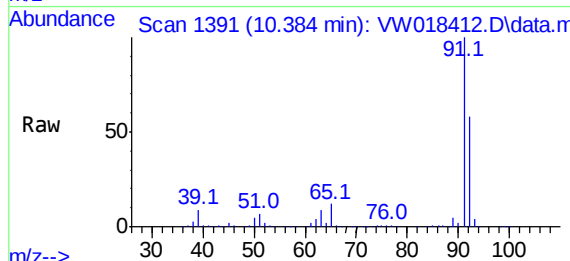




#44
Toluene
Concen: 25.20 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

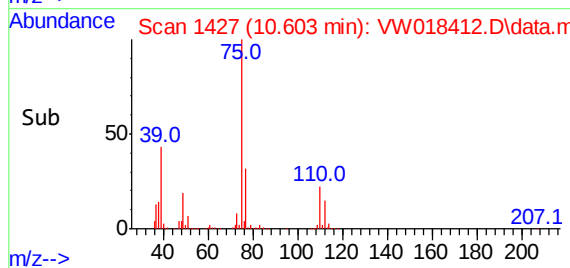
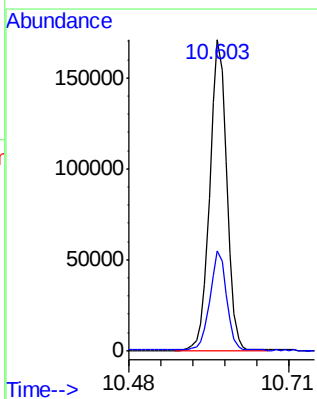
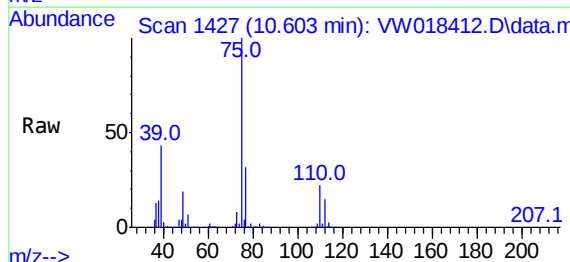
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

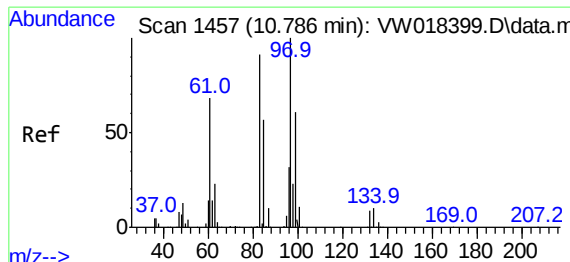
Tgt Ion: 91 Resp: 881530
Ion Ratio Lower Upper
91 100
92 58.3 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 25.43 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 75 Resp: 290633
Ion Ratio Lower Upper
75 100
77 32.0 22.6 42.0



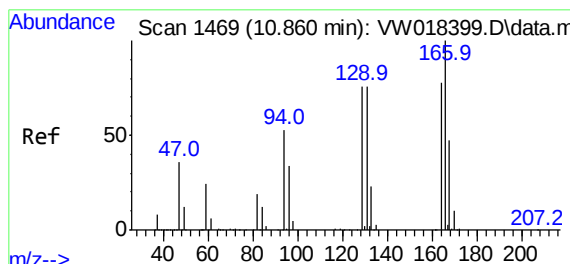
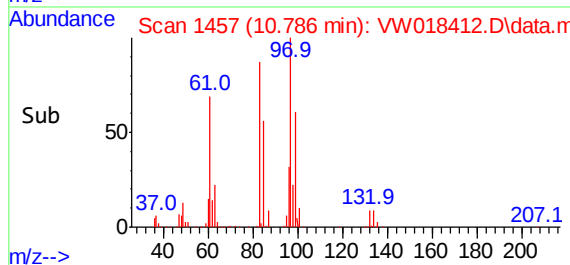
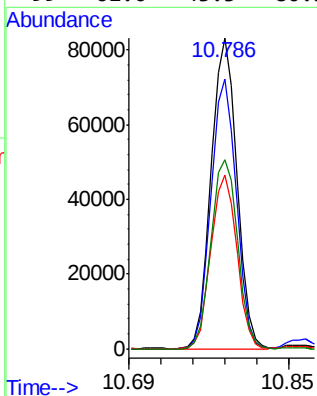
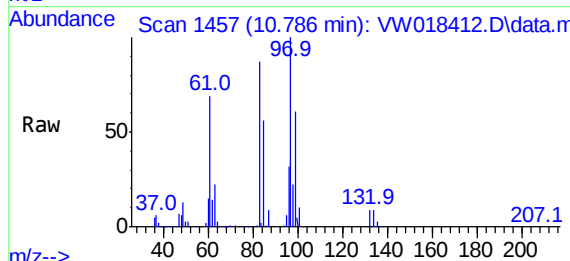


#46
1,1,2-Trichloroethane
Concen: 24.28 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion: 97 Resp: 145739

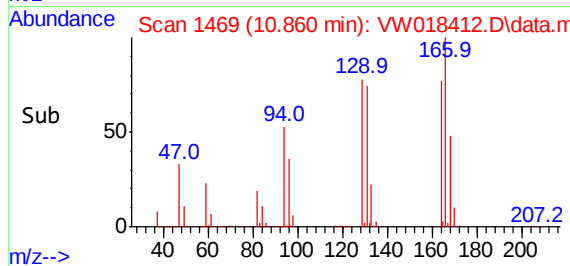
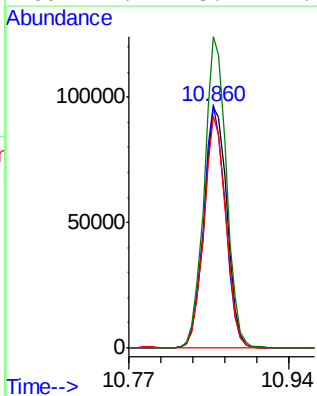
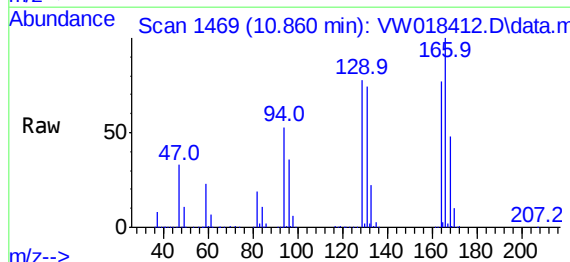
Ion	Ratio	Lower	Upper
97	100		
83	86.7	58.9	109.5
85	55.9	38.4	71.4
99	61.0	43.3	80.3

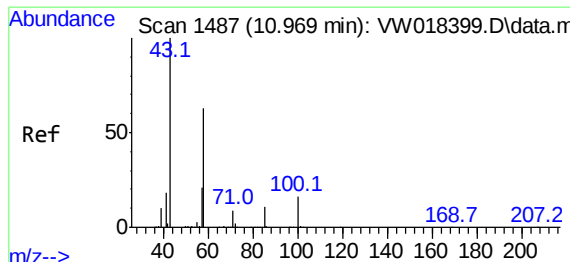


#47
Tetrachloroethene
Concen: 26.30 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 164 Resp: 169796

Ion	Ratio	Lower	Upper
164	100		
129	100.8	68.8	127.8
131	96.1	68.3	126.8
166	129.2	95.4	177.2



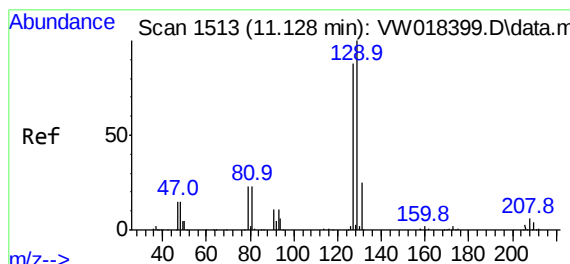
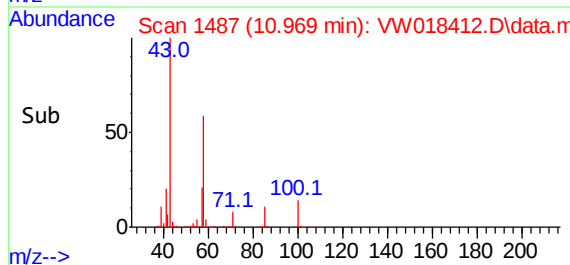
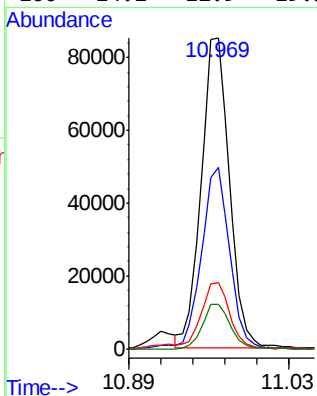
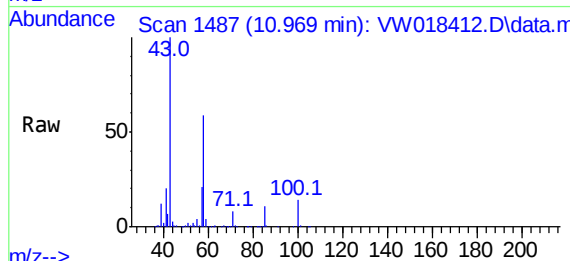


#49
2-Hexanone
Concen: 44.92 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion: 43 Resp: 143883

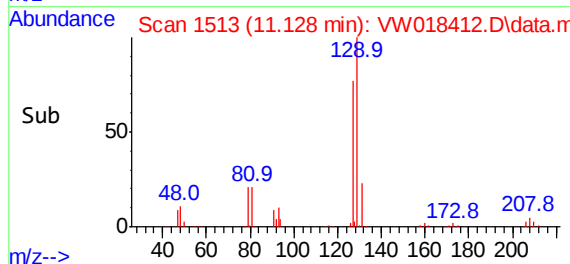
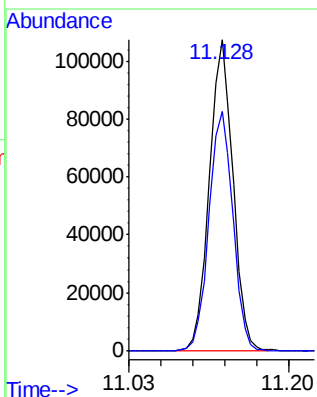
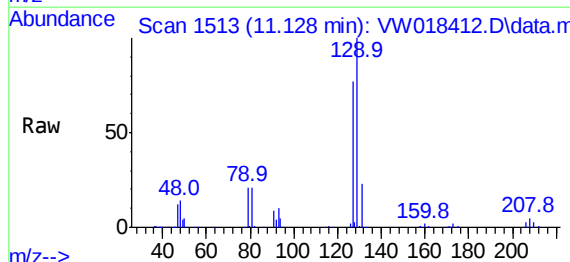
Ion	Ratio	Lower	Upper
43	100		
58	57.3	47.3	70.9
57	21.7	17.3	25.9
100	14.1	12.9	19.3

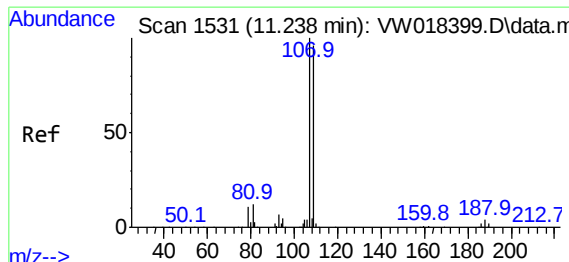


#50
Dibromochloromethane
Concen: 25.64 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 129 Resp: 181431

Ion	Ratio	Lower	Upper
129	100		
127	77.0	58.0	107.6

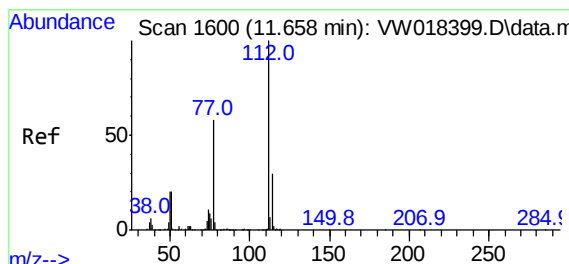
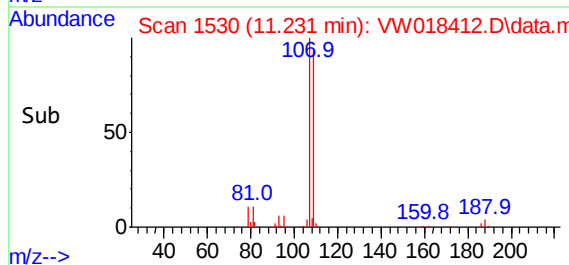
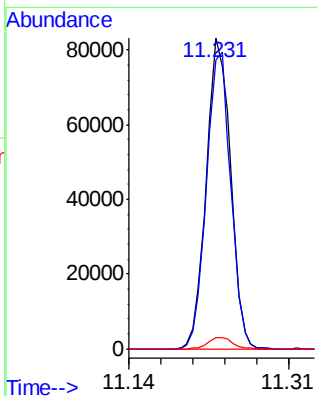
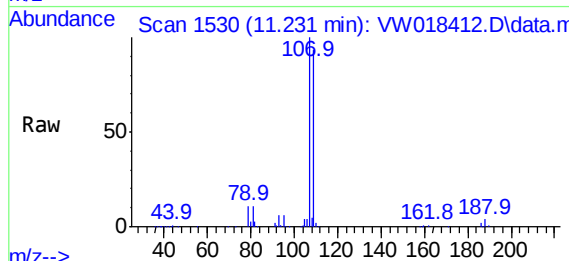




#51
1,2-Dibromoethane
Concen: 24.44 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

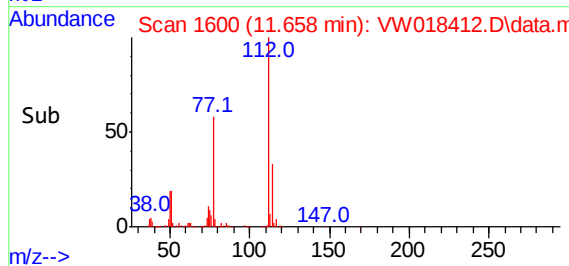
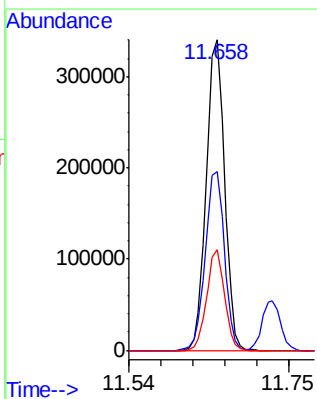
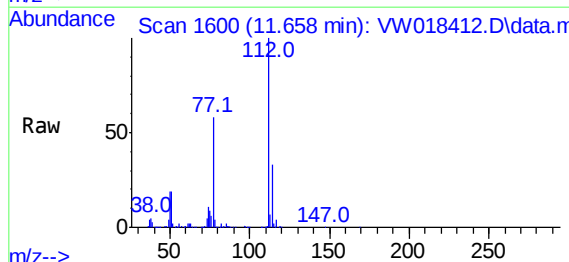
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

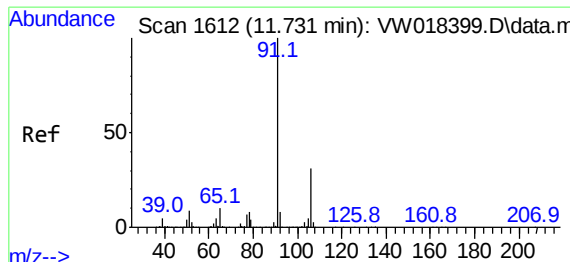
Tgt Ion:107 Resp: 145261
Ion Ratio Lower Upper
107 100
109 93.2 65.9 122.5
188 3.5 3.0 4.4



#52
Chlorobenzene
Concen: 25.59 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion:112 Resp: 567725
Ion Ratio Lower Upper
112 100
77 57.6 45.4 68.2
114 32.5 22.5 41.9

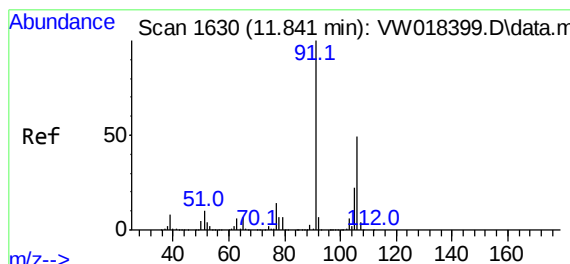
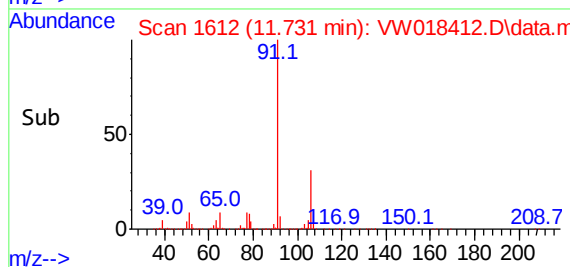
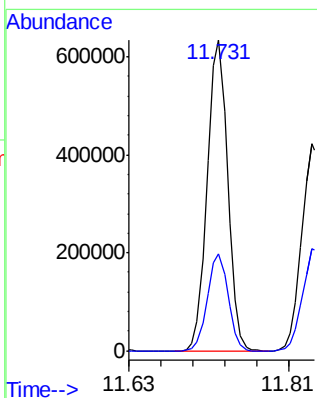
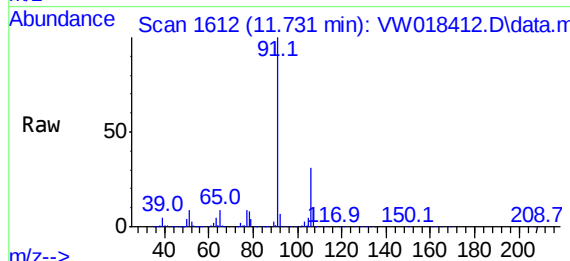




#53
Ethylbenzene
Concen: 25.62 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

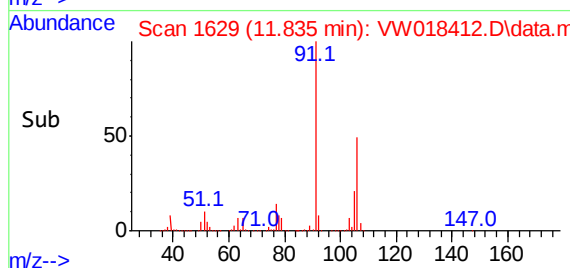
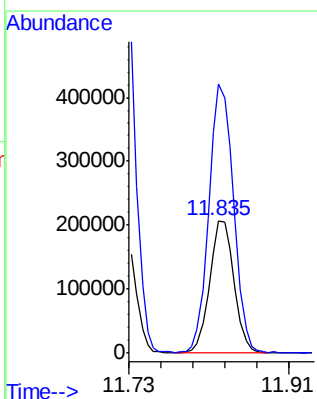
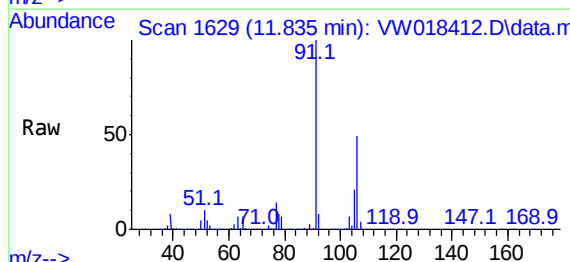
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

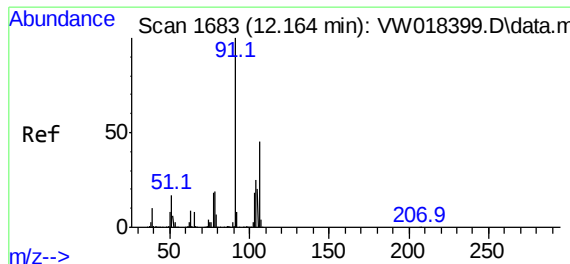
Tgt Ion: 91 Resp: 1010306
Ion Ratio Lower Upper
91 100
106 31.1 21.7 40.3



#54
m,p-Xylene
Concen: 25.65 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 106 Resp: 386664
Ion Ratio Lower Upper
106 100
91 203.7 145.3 269.8

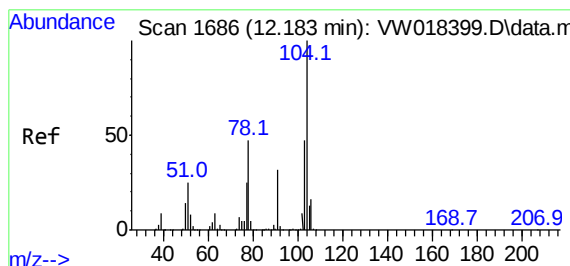
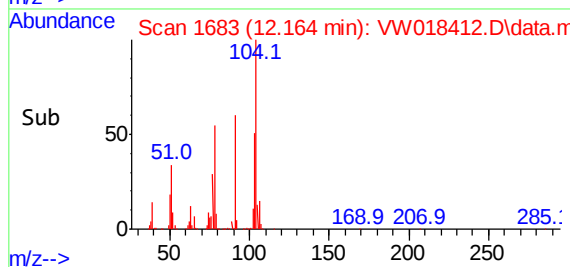
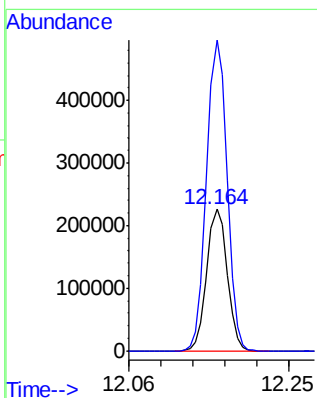
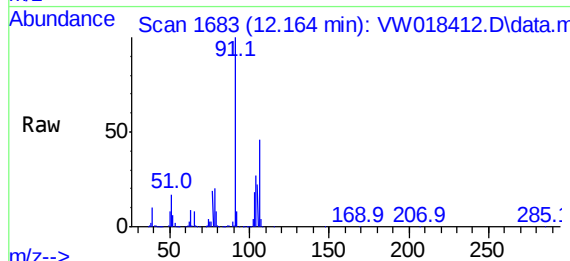




#55
o-xylene
Concen: 25.48 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

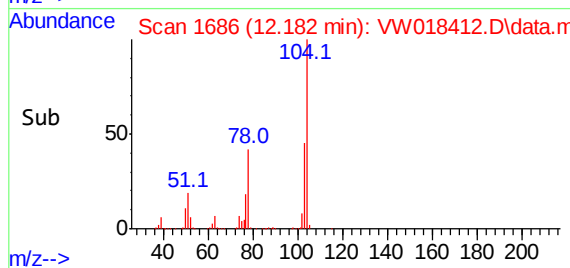
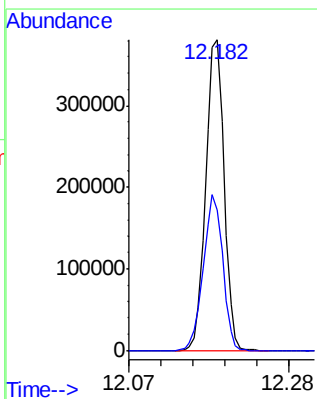
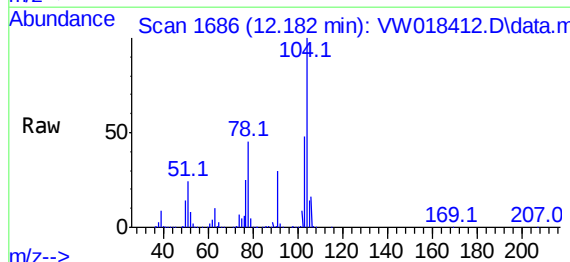
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

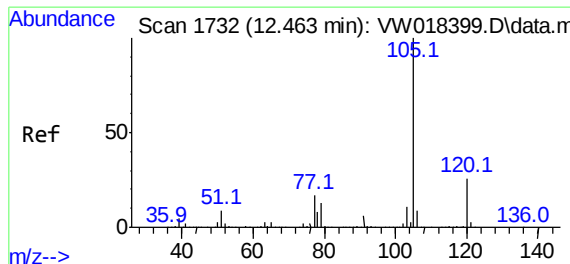
Tgt Ion:106 Resp: 366136
Ion Ratio Lower Upper
106 100
91 219.5 154.3 286.5



#56
Styrene
Concen: 25.83 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion:104 Resp: 632819
Ion Ratio Lower Upper
104 100
78 45.3 34.7 64.5

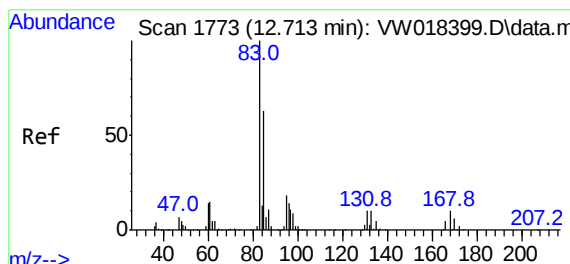
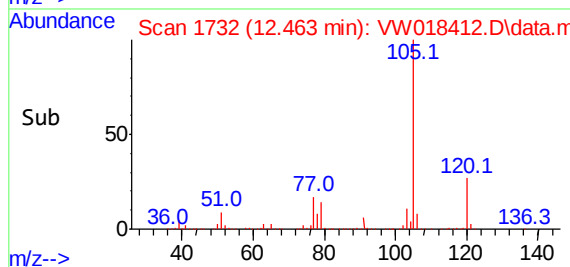
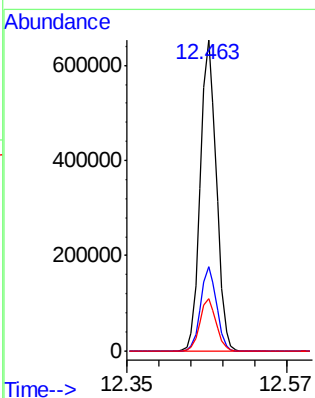
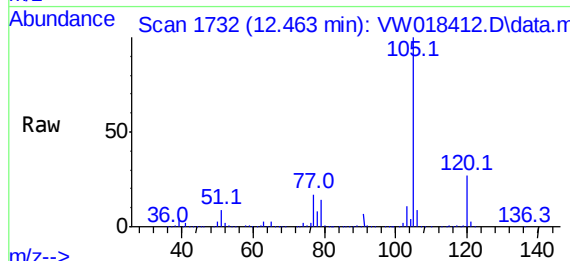




#57
Isopropylbenzene
Concen: 25.75 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

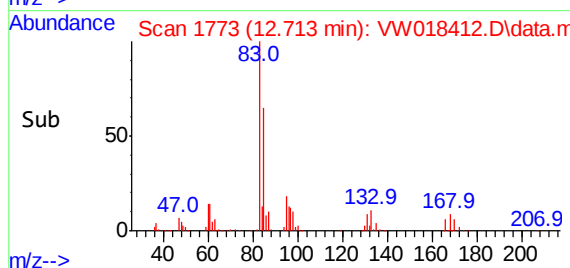
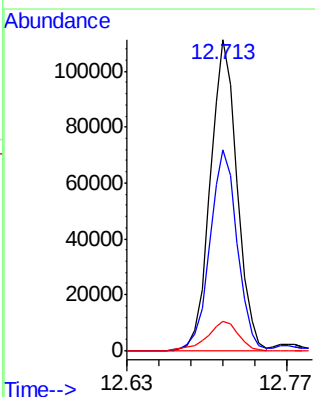
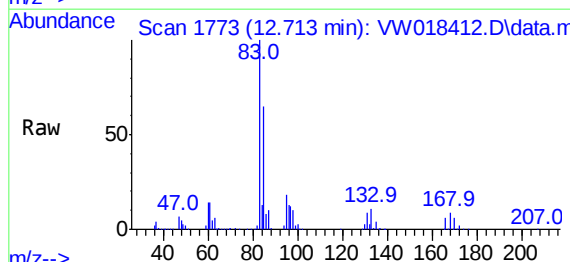
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

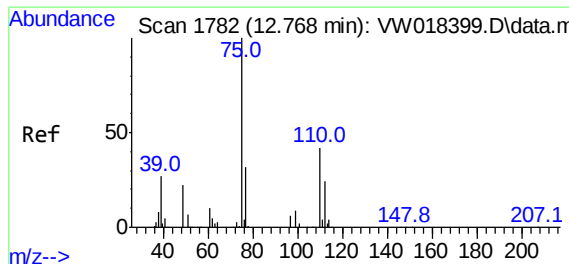
Tgt Ion:105 Resp: 1006103
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 16.9 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 24.28 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 83 Resp: 176387
Ion Ratio Lower Upper
83 100
85 64.5 49.0 91.0
131 9.3 8.7 13.1

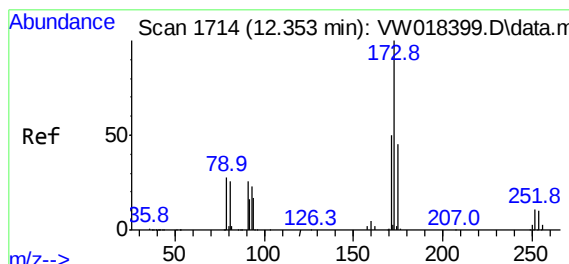
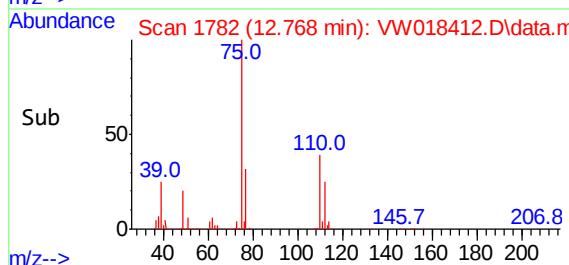
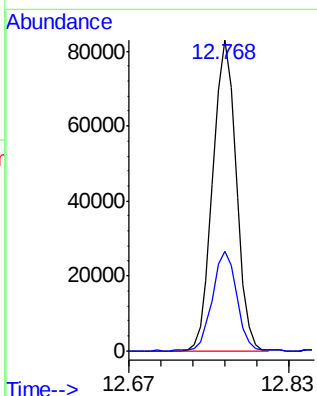
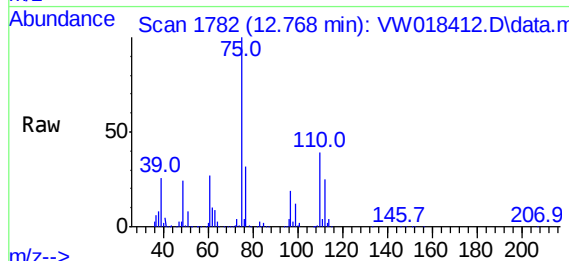




#59
 1,2,3-Trichloropropane
 Concen: 24.10 ug/L
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW018412.D
 Acq: 22 Mar 2021 09:42

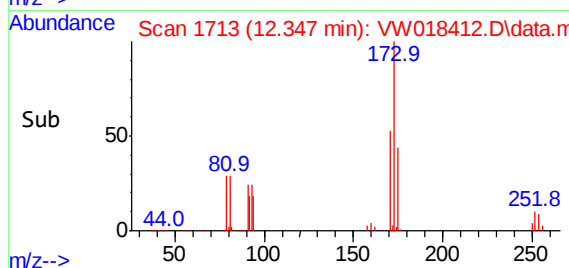
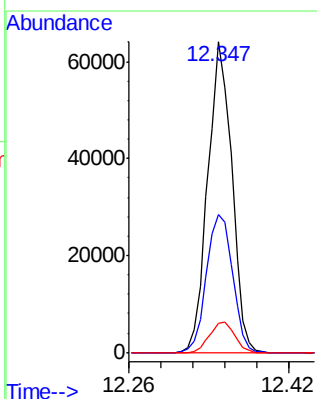
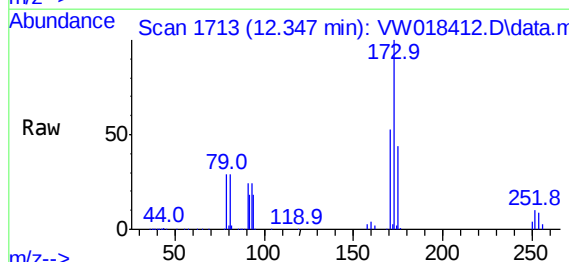
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02508

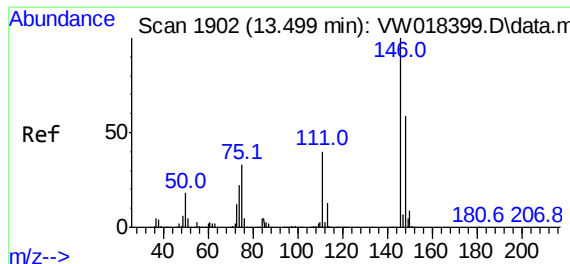
Tgt Ion: 75 Resp: 132200
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.6 38.4



#62
 Bromoform
 Concen: 25.25 ug/L
 RT: 12.347 min Scan# 1713
 Delta R.T. -0.006 min
 Lab File: VW018412.D
 Acq: 22 Mar 2021 09:42

Tgt Ion: 173 Resp: 104481
 Ion Ratio Lower Upper
 173 100
 175 48.4 38.2 57.2
 254 10.1 6.0 9.0#

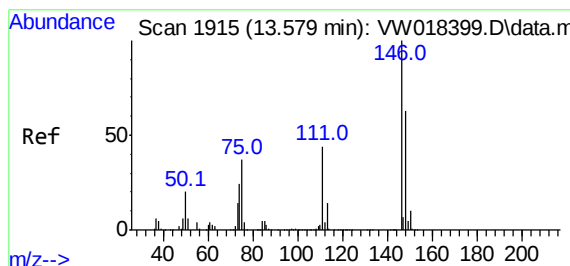
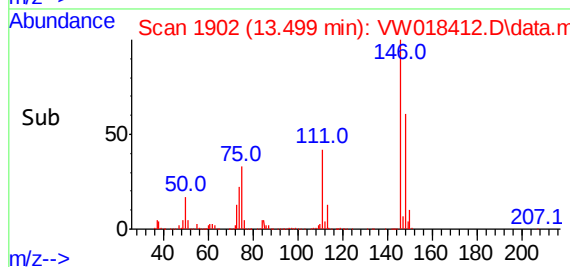
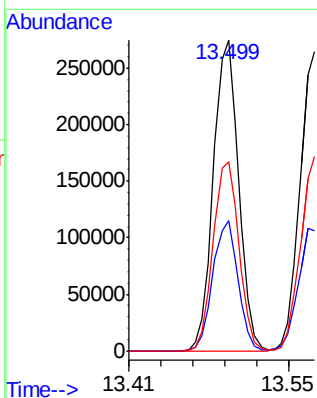
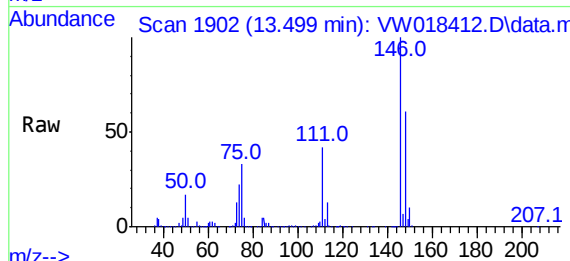




#63
1,3-Dichlorobenzene
Concen: 25.54 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

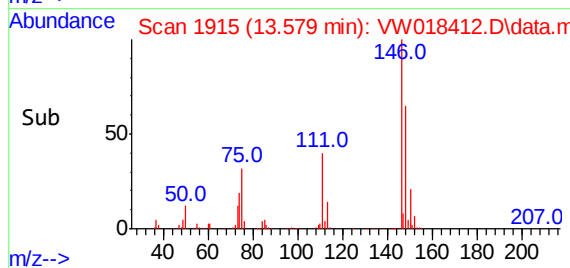
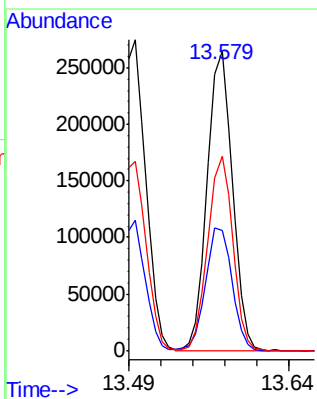
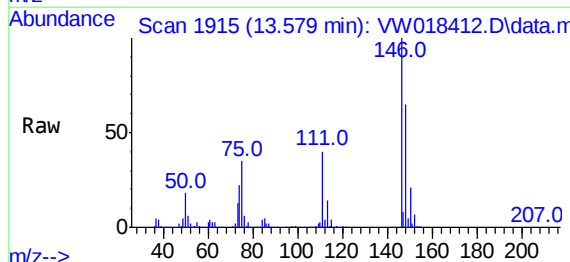
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

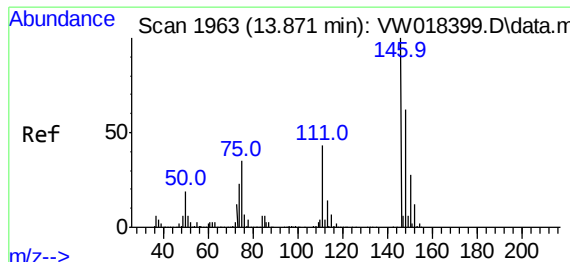
Tgt Ion:146 Resp: 441086
Ion Ratio Lower Upper
146 100
111 41.8 27.5 51.1
148 60.8 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 24.41 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion:146 Resp: 425352
Ion Ratio Lower Upper
146 100
111 40.0 28.3 52.5
148 64.7 47.3 87.9

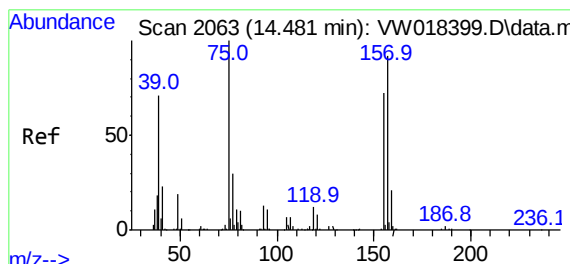
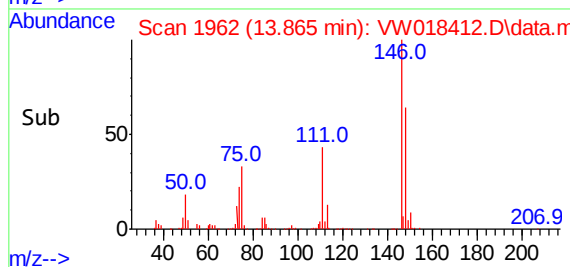
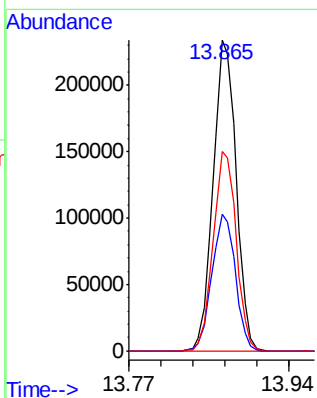
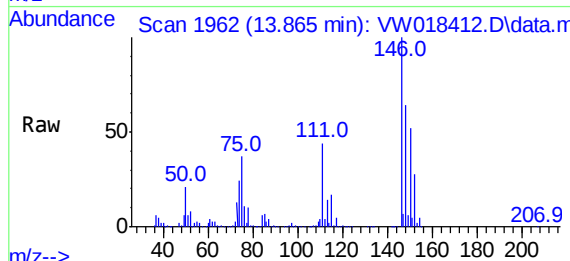




#65
1,2-Dichlorobenzene
Concen: 25.06 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

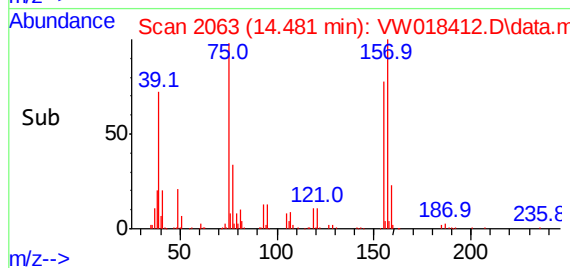
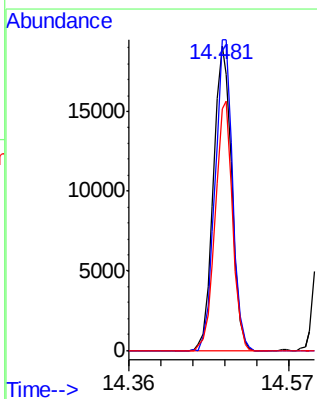
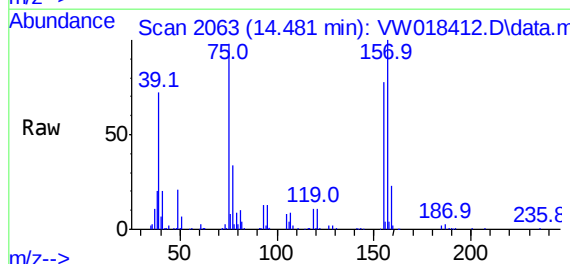
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

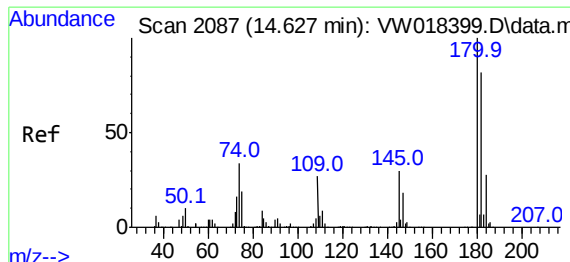
Tgt Ion:146 Resp: 386775
Ion Ratio Lower Upper
146 100
111 43.9 36.0 54.0
148 64.1 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 22.81 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion: 75 Resp: 31819
Ion Ratio Lower Upper
75 100
157 102.2 65.2 97.8#
155 79.4 60.1 90.1

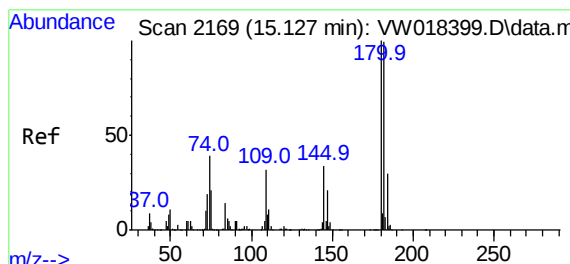
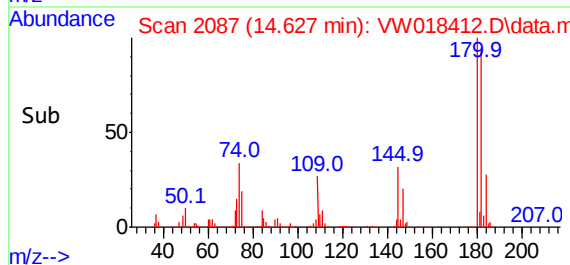
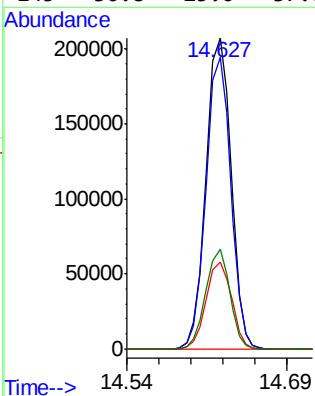
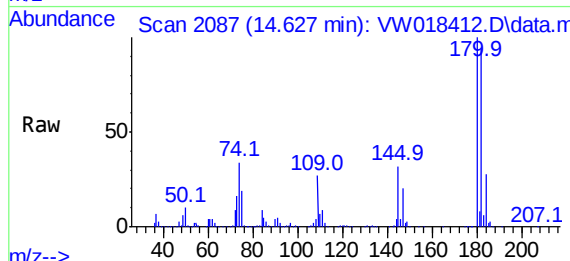




#67
1,3,5-Trichlorobenzene
Concen: 26.62 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

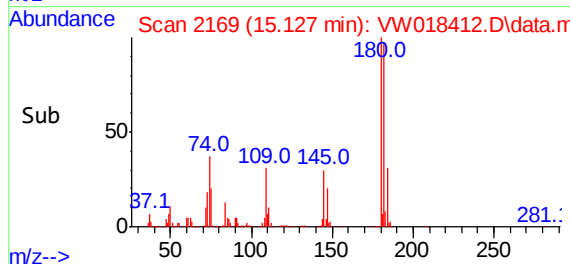
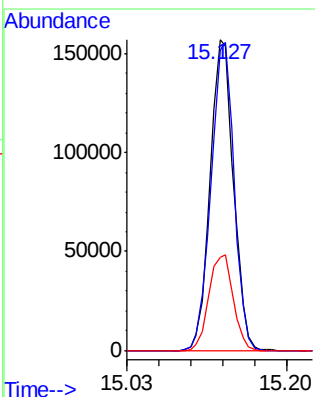
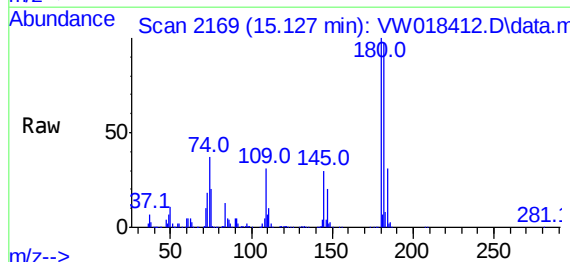
Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

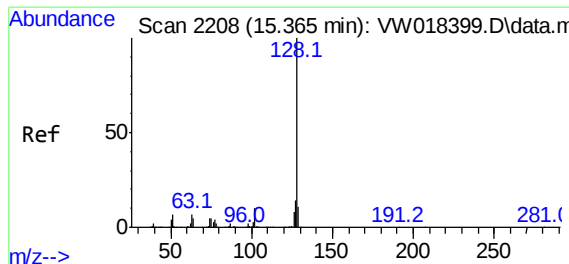
Tgt Ion:180 Resp: 331518
Ion Ratio Lower Upper
180 100
182 92.8 71.8 107.8
184 28.2 23.5 35.3
145 30.8 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 24.87 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion:180 Resp: 263601
Ion Ratio Lower Upper
180 100
182 98.6 70.2 105.4
145 32.1 24.9 37.3

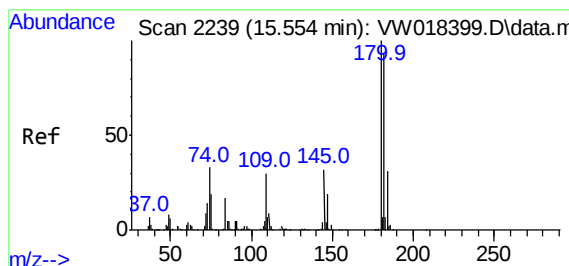
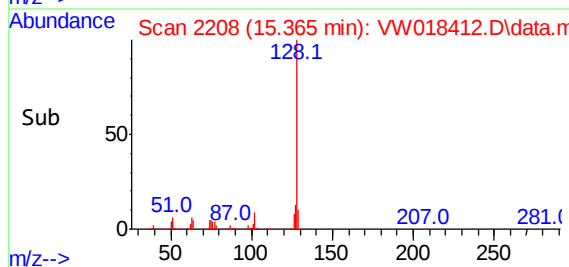
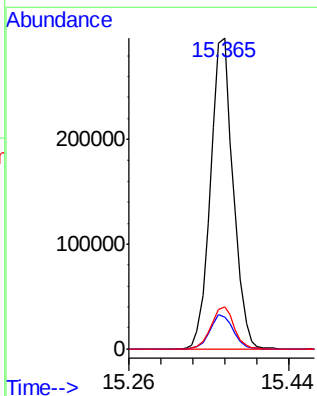
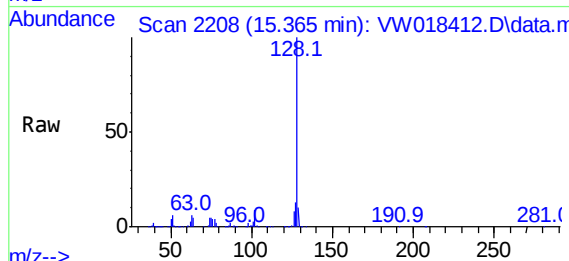




#69
Naphthalene
Concen: 23.57 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02508

Tgt Ion:128 Resp: 520162
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 25.45 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018412.D
Acq: 22 Mar 2021 09:42

Tgt Ion:180 Resp: 235339
Ion Ratio Lower Upper
180 100
182 97.7 76.5 114.7
145 32.6 27.7 41.5

