

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032321\
 Data File : VW018420.D
 Acq On : 23 Mar 2021 09:20
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

Quant Time: Mar 24 01:17:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 23 01:15:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	549420	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	508069	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	262563	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	189064	24.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.92%		
7) Chloroethane-d5	2.898	69	172073	25.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	102.84%		
10) 1,1-Dichloroethene-d2	4.026	63	344248	26.08	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	104.32%		
20) 2-Butanone-d5	7.074	46	84073	49.39	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	98.78%		
24) Chloroform-d	7.647	84	359026	25.66	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	102.64%		
26) 1,2-Dichloroethane-d4	8.305	65	208773	25.56	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.24%		
29) Benzene-d6	8.275	84	673576	24.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	99.76%		
33) 1,2-Dichloropropane-d6	9.275	67	195931	25.15	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	100.60%		
37) Toluene-d8	10.323	98	648718	24.94	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.76%		
38) trans-1,3-Dichloroprop...	10.579	79	100560	25.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	100.12%		
39) 2-Hexanone-d5	10.921	63	73449	48.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	96.34%		
48) 1,1,2,2-Tetrachloroeth...	12.689	84	176063	25.26	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	101.04%		
61) 1,2-Dichlorobenzene-d4	13.853	152	221590	23.74	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	94.96%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	176932	28.04	ug/L	98
3) Chloromethane	2.221	50	197831	24.87	ug/L	98
5) Vinyl chloride	2.367	62	299764	28.70	ug/L	98
6) Bromomethane	2.788	94	227754	30.19	ug/L	99
8) Chloroethane	2.928	64	192474	29.55	ug/L	95
9) Trichlorofluoromethane	3.263	101	156059	29.70	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	194383	28.77	ug/L	99
12) 1,1-Dichloroethene	4.044	96	195667	28.37	ug/L	98
13) Acetone	4.117	43	62609	51.20	ug/L	99
14) Carbon disulfide	4.385	76	590696	28.44	ug/L	99
15) Methyl Acetate	4.672	43	77404	27.68	ug/L	96
16) Methylene chloride	4.922	84	203098	22.54	ug/L	93
17) Methyl tert-butyl Ether	5.422	73	272961	27.09	ug/L	97
18) trans-1,2-Dichloroethene	5.428	96	210122	27.60	ug/L	95
19) 1,1-Dichloroethane	6.220	63	367732	28.31	ug/L	96
21) 2-Butanone	7.171	43	97992	50.44	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	223701	27.93	ug/L	96
23) Bromochloromethane	7.513	128	98054	27.66	ug/L #	87
25) Chloroform	7.677	83	385714	27.98	ug/L	99
27) 1,2-Dichloroethane	8.403	62	274987	28.11	ug/L	98

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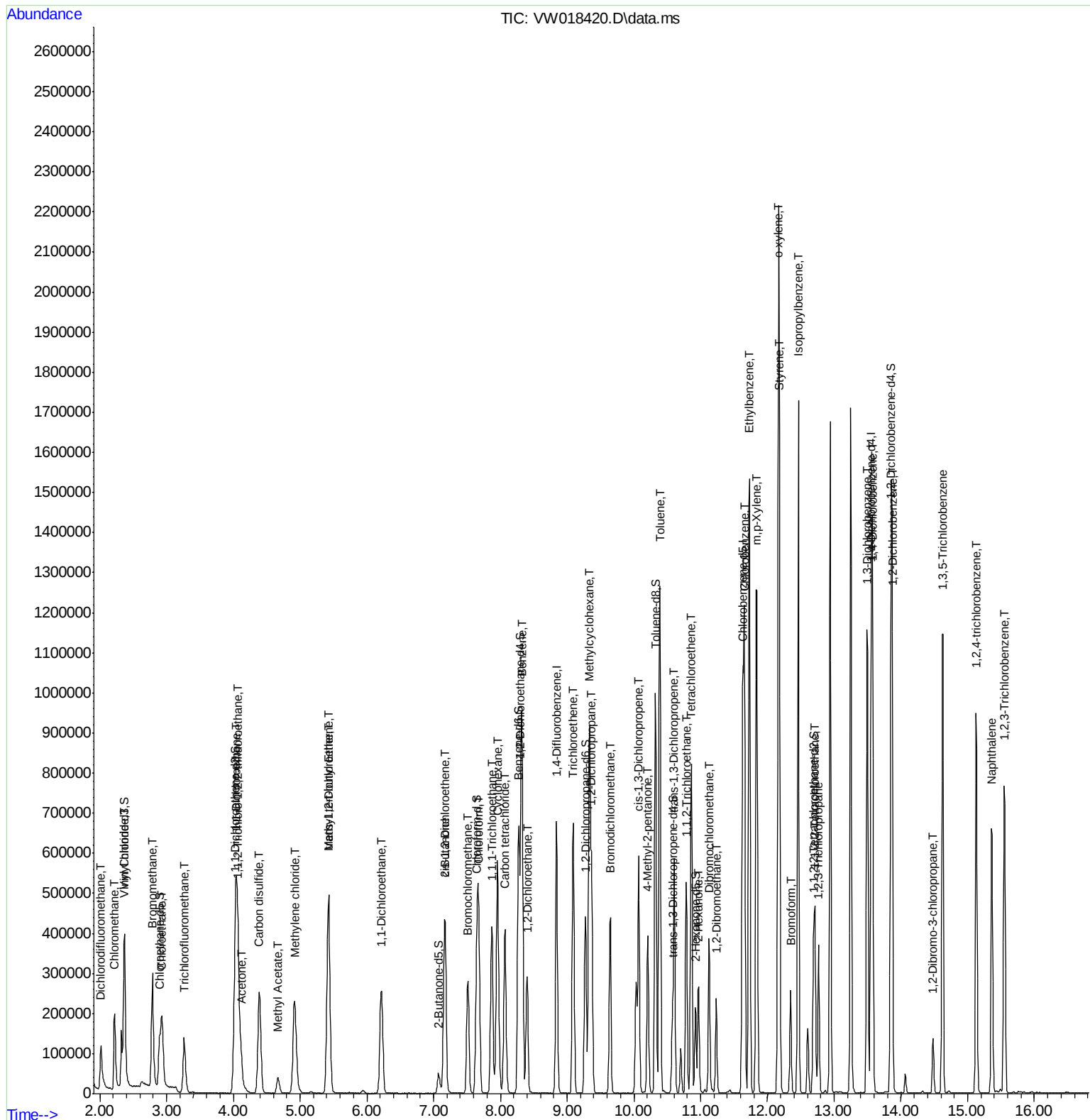
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	332441	27.56	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	325695	28.68	ug/L	98
32) Carbon tetrachloride	8.074	117	303764	28.71	ug/L	98
34) Benzene	8.324	78	834615	28.36	ug/L	100
35) Trichloroethene	9.092	95	226061	27.81	ug/L	98
36) Methylcyclohexane	9.336	83	384216	26.99	ug/L	98
40) 1,2-Dichloropropane	9.366	63	197934	27.50	ug/L	97
41) Bromodichloromethane	9.646	83	287714	28.28	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	340611	27.98	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	228543	52.80	ug/L	96
44) Toluene	10.390	91	927336	27.72	ug/L	95
45) trans-1,3-Dichloropropene	10.604	75	309671	28.33	ug/L	98
46) 1,1,2-Trichloroethane	10.787	97	159032	27.71	ug/L	98
47) Tetrachloroethene	10.860	164	176406	28.58	ug/L	87
49) 2-Hexanone	10.969	43	157479	51.42	ug/L	98
50) Dibromochloromethane	11.128	129	190628	28.17	ug/L	98
51) 1,2-Dibromoethane	11.232	107	157839	27.77	ug/L	92
52) Chlorobenzene	11.658	112	585839	27.62	ug/L	93
53) Ethylbenzene	11.731	91	1075096	28.51	ug/L	99
54) m,p-Xylene	11.835	106	409626	28.42	ug/L	100
55) o-xylene	12.164	106	385890	28.09	ug/L	96
56) Styrene	12.183	104	664984	28.38	ug/L	95
57) Isopropylbenzene	12.463	105	1068741	28.60	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	192244	27.68	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	146814	28.00	ug/L	100
62) Bromoform	12.347	173	110510	27.45	ug/L #	98
63) 1,3-Dichlorobenzene	13.493	146	457150	27.20	ug/L	100
64) 1,4-Dichlorobenzene	13.579	146	439428	25.91	ug/L	98
65) 1,2-Dichlorobenzene	13.871	146	409024	27.23	ug/L	96
66) 1,2-Dibromo-3-chloropr...	14.481	75	34978	25.77	ug/L #	83
67) 1,3,5-Trichlorobenzene	14.621	180	343480	28.34	ug/L	97
68) 1,2,4-trichlorobenzene	15.127	180	286920	27.82	ug/L	96
69) Naphthalene	15.359	128	560860	26.12	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	246525	27.40	ug/L	97

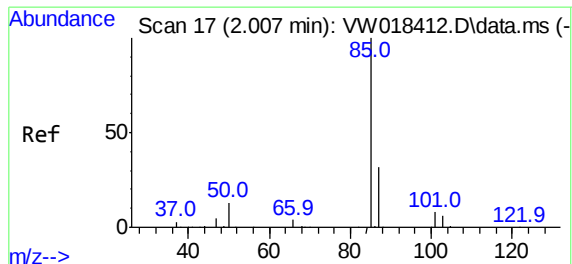
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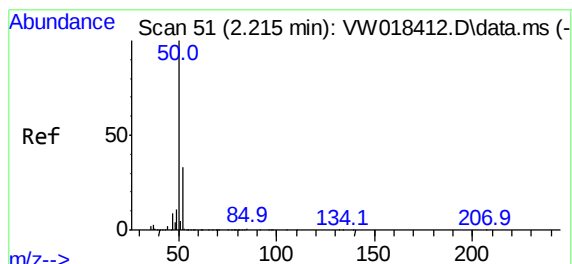
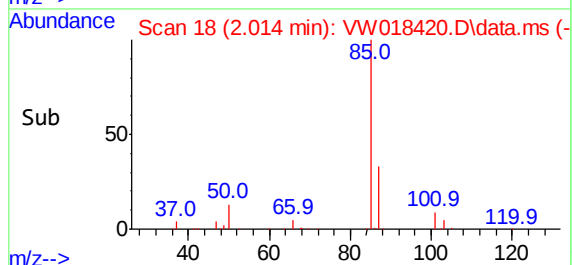
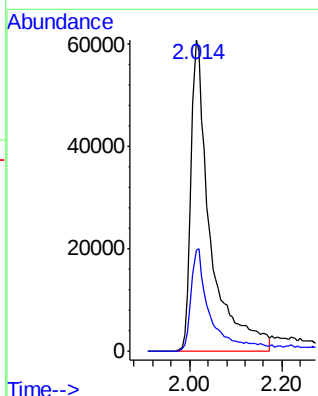
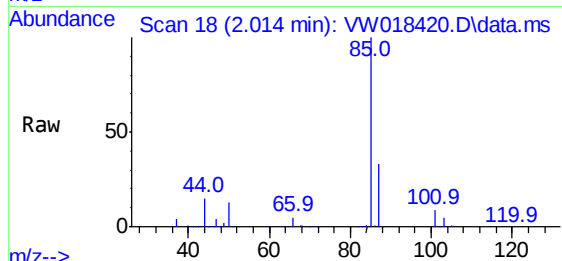




#2
Dichlorodifluoromethane
Concen: 28.04 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

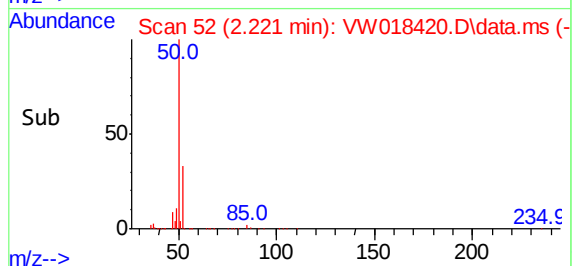
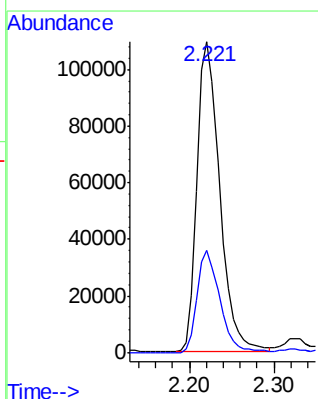
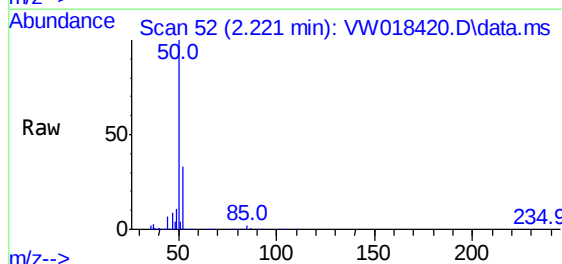
Instrument :
MSVOA_W
ClientSampleId :
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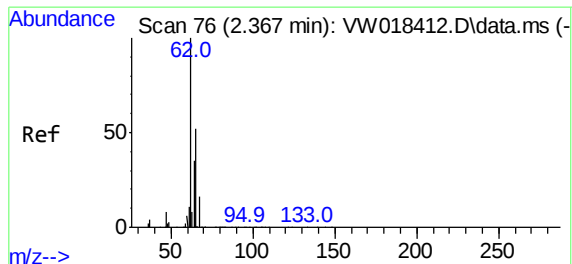
Tgt Ion: 85 Resp: 176932
Ion Ratio Lower Upper
85 100
87 30.8 22.2 41.2



#3
Chloromethane
Concen: 24.87 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 50 Resp: 197831
Ion Ratio Lower Upper
50 100
52 32.9 23.7 43.9

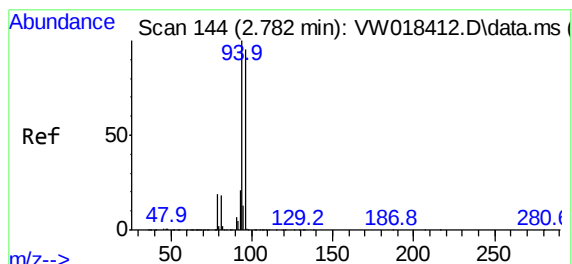
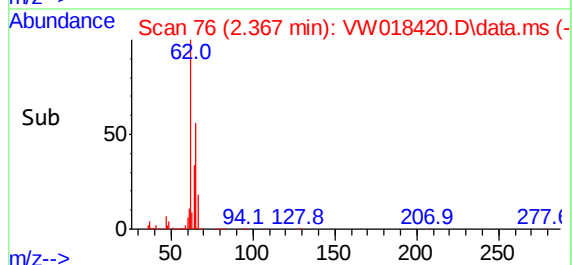
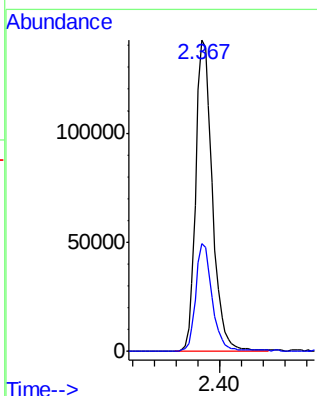
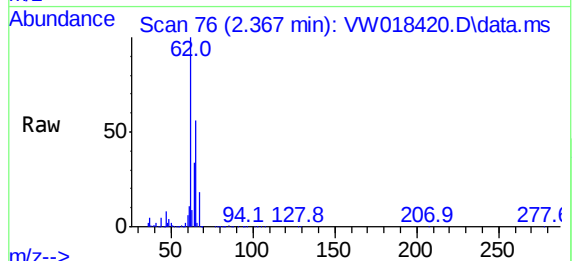




#5
 Vinyl chloride
 Concen: 28.70 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018420.D
 Acq: 23 Mar 2021 09:20

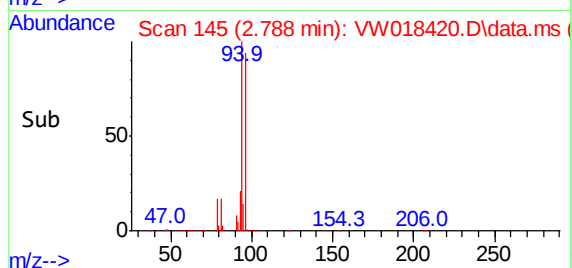
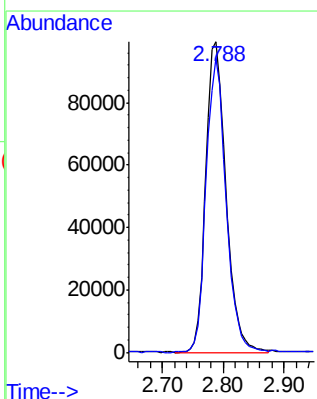
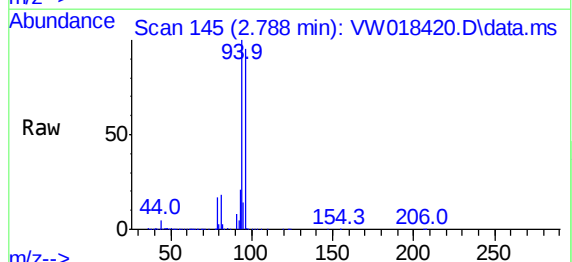
Instrument :
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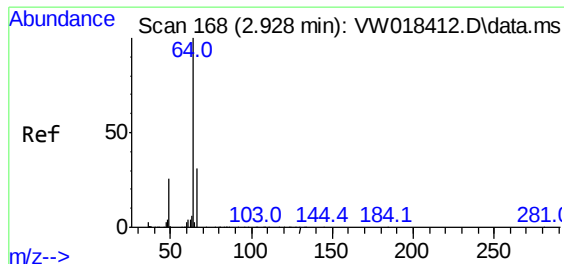
Tgt Ion: 62 Resp: 299764
 Ion Ratio Lower Upper
 62 100
 64 34.5 23.5 43.7



#6
 Bromomethane
 Concen: 30.19 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018420.D
 Acq: 23 Mar 2021 09:20

Tgt Ion: 94 Resp: 227754
 Ion Ratio Lower Upper
 94 100
 96 93.7 9.4 179.4

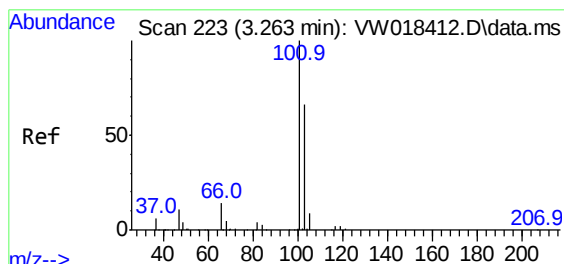
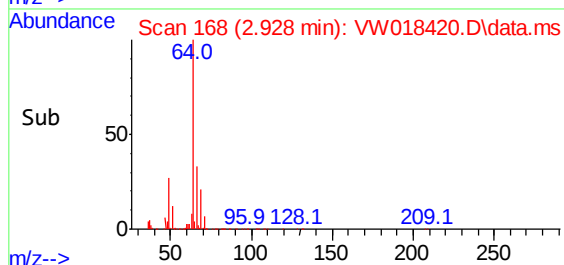
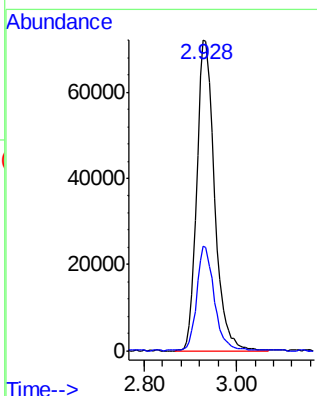
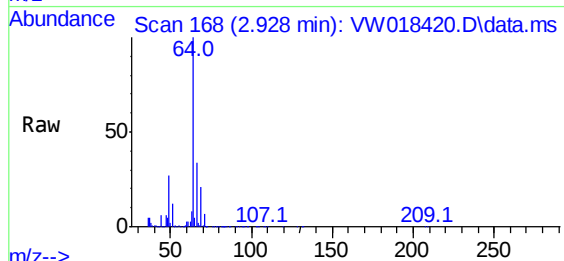




#8
Chloroethane
Concen: 29.55 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

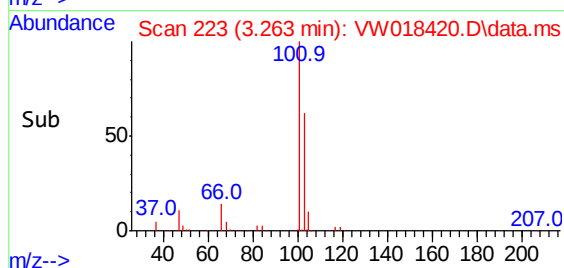
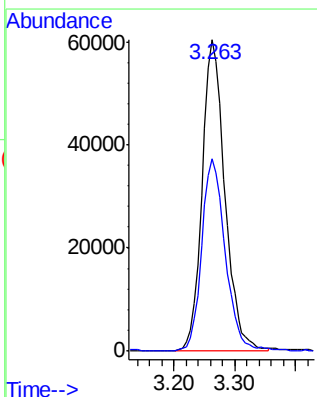
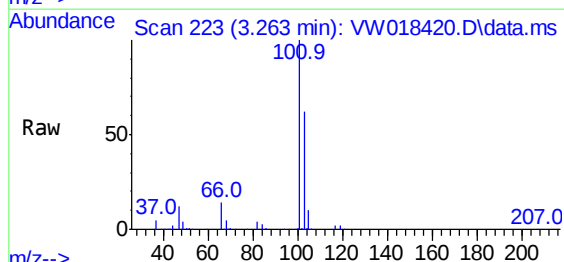
Instrument :
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ClientSampleId :
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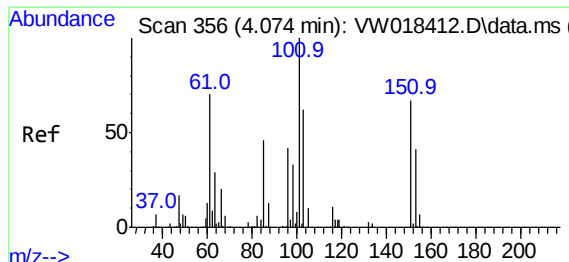
Tgt Ion: 64 Resp: 192474
Ion Ratio Lower Upper
64 100
66 33.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 29.70 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 101 Resp: 156059
Ion Ratio Lower Upper
101 100
103 63.7 45.6 84.8

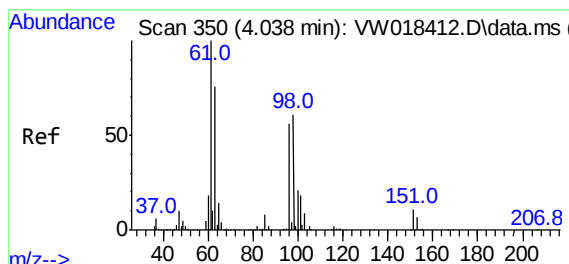
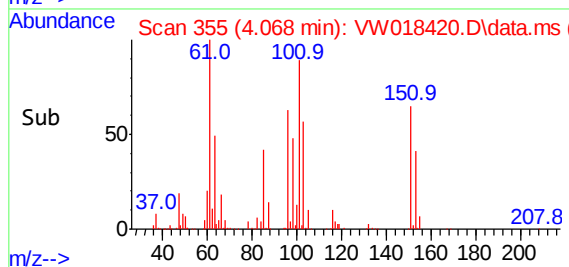
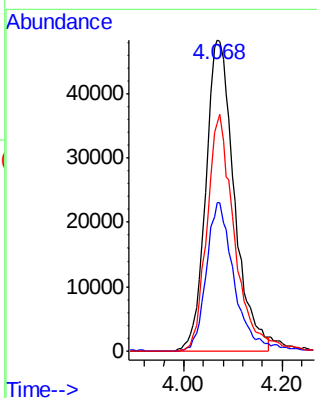
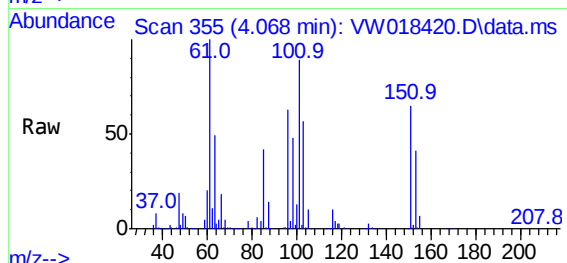




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.77 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

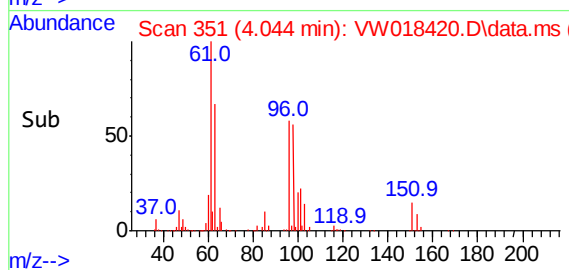
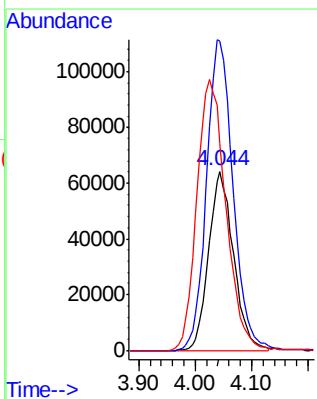
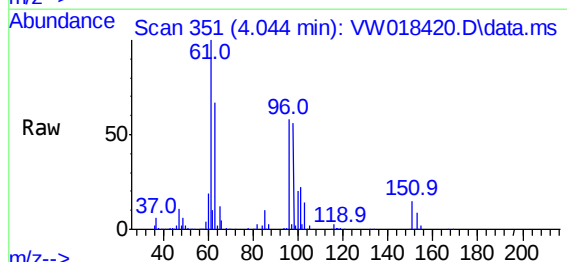
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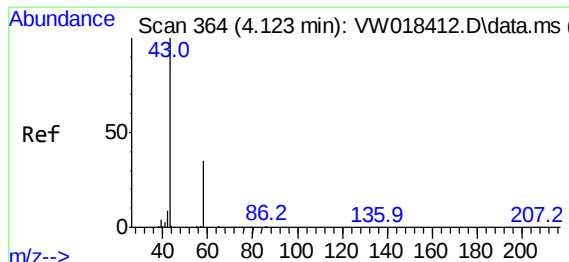
Tgt Ion:101 Resp: 194383
Ion Ratio Lower Upper
101 100
85 44.7 35.6 53.4
151 73.2 58.1 87.1



#12
1,1-Dichloroethene
Concen: 28.37 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 96 Resp: 195667
Ion Ratio Lower Upper
96 100
61 172.8 118.6 220.2
63 115.8 82.4 153.0

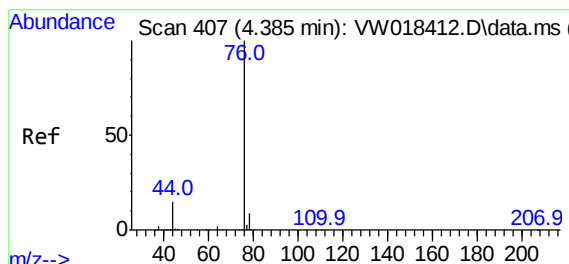
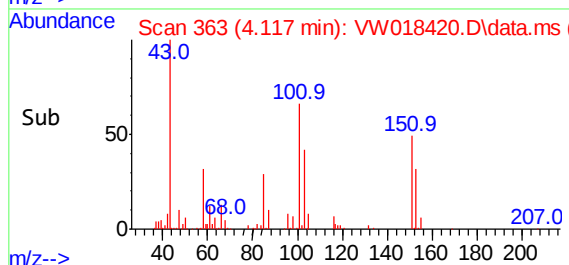
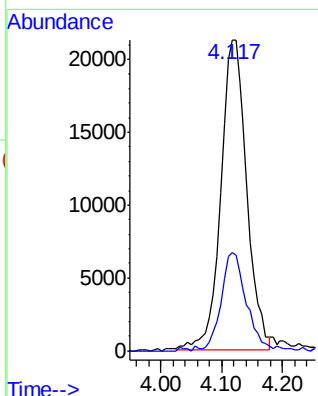
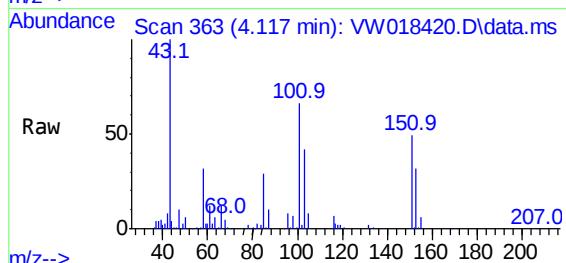




#13
Acetone
Concen: 51.20 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

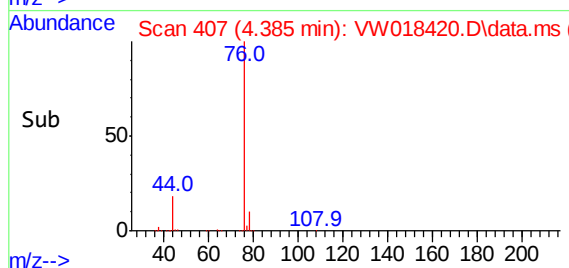
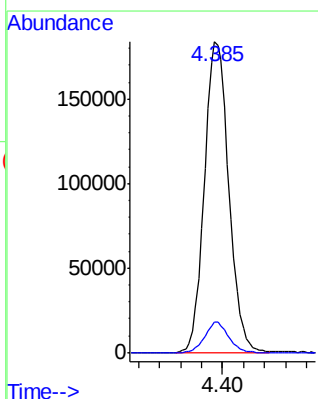
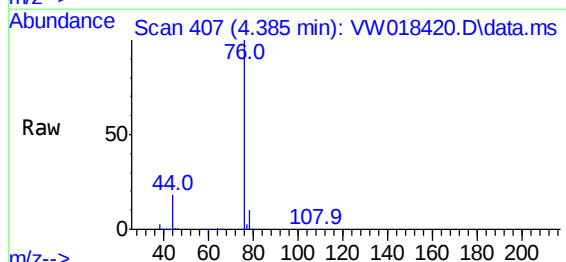
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ClientSampled :
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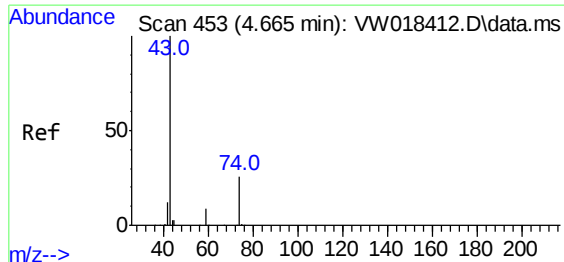
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Ion Ratio Lower Upper
43 100
58 30.4 0.0 62.2



#14
Carbon disulfide
Concen: 28.44 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 76 Resp: 590696
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

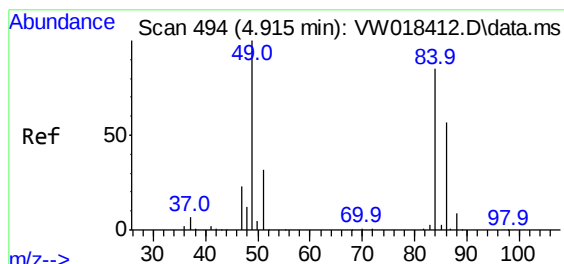
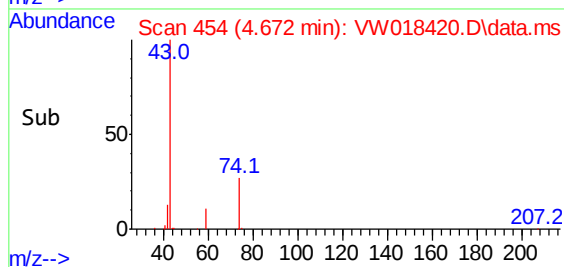
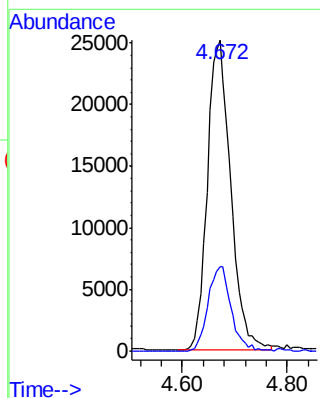
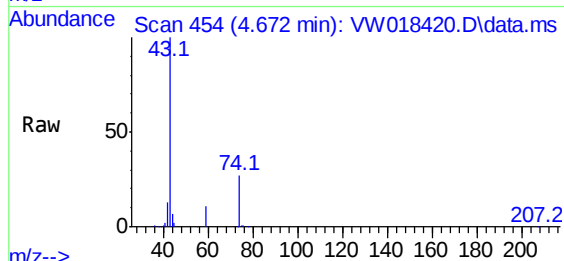




#15
Methyl Acetate
Concen: 27.68 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

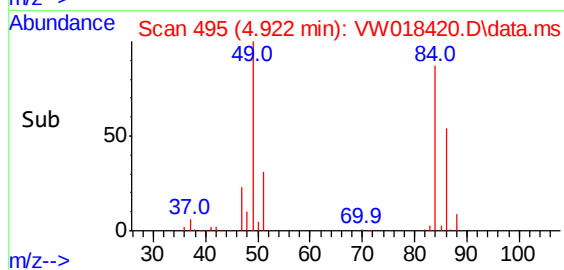
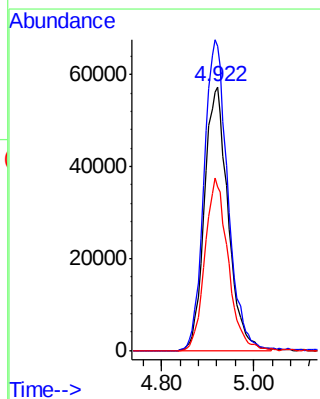
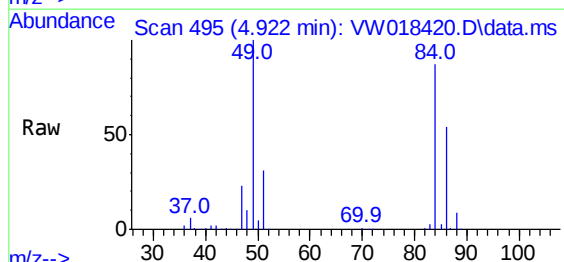
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

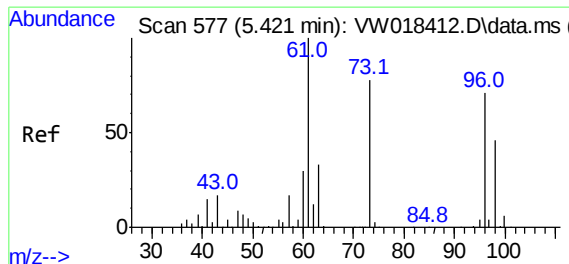
Tgt Ion: 43 Resp: 77404
Ion Ratio Lower Upper
43 100
74 26.3 22.9 34.3



#16
Methylene chloride
Concen: 22.54 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 84 Resp: 203098
Ion Ratio Lower Upper
84 100
49 115.1 74.4 138.2
86 62.1 46.1 85.7

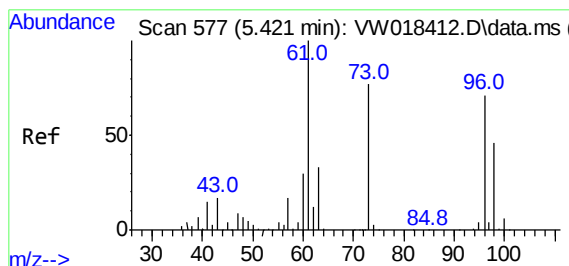
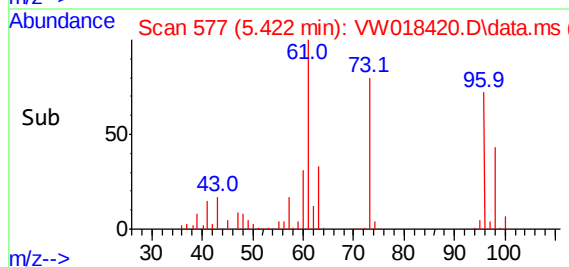
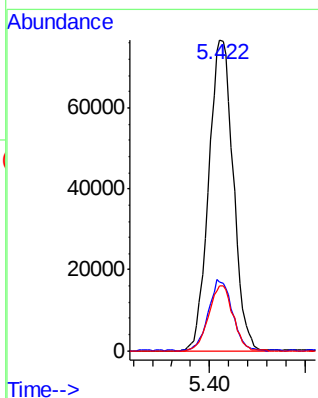
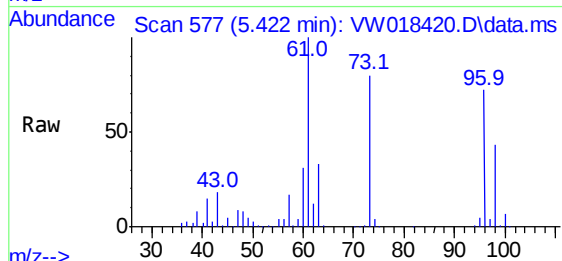




#17
Methyl tert-butyl Ether
Concen: 27.09 ug/L
RT: 5.422 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

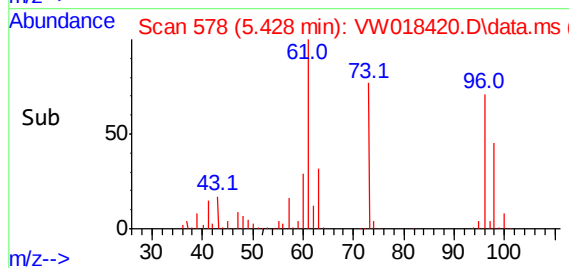
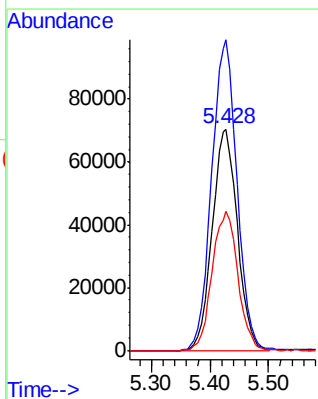
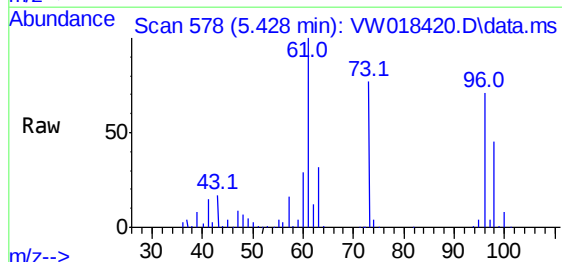
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

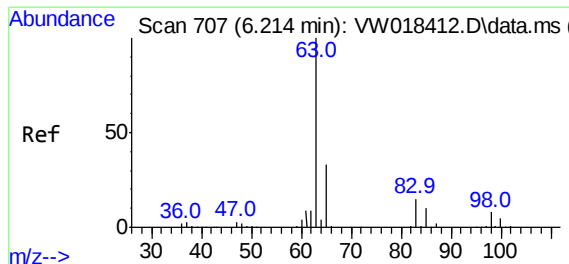
Tgt Ion: 73 Resp: 272961
Ion Ratio Lower Upper
73 100
43 22.4 16.6 24.8
57 20.7 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 27.60 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 96 Resp: 210122
Ion Ratio Lower Upper
96 100
61 140.5 93.3 173.3
98 63.0 45.2 84.0

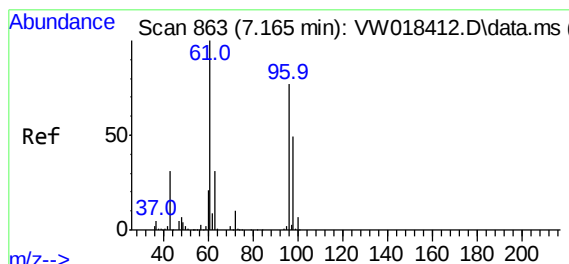
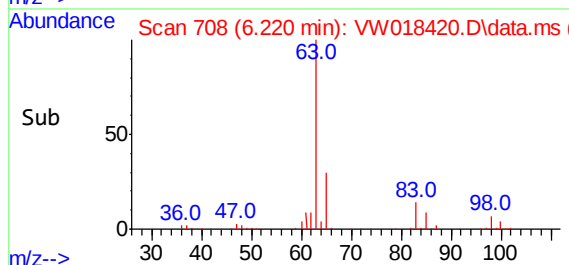
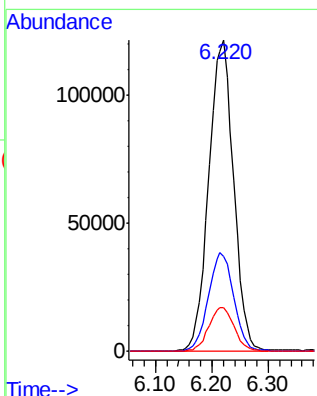
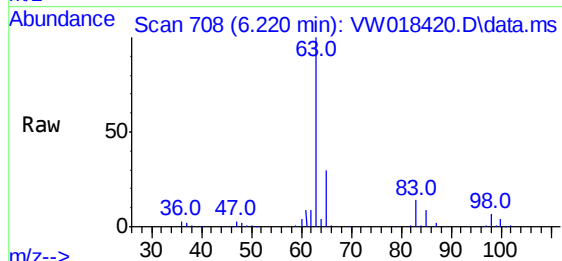




#19
1,1-Dichloroethane
Concen: 28.31 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

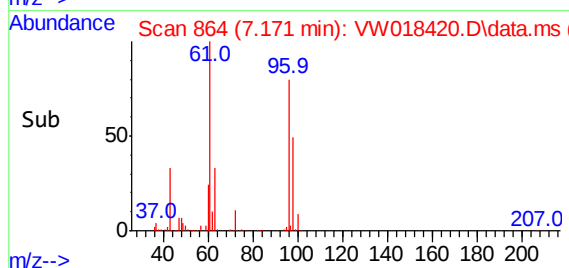
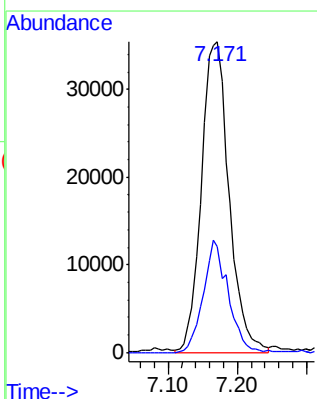
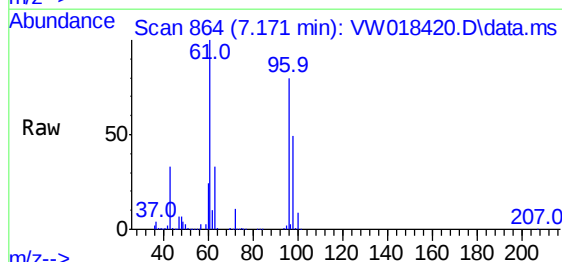
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

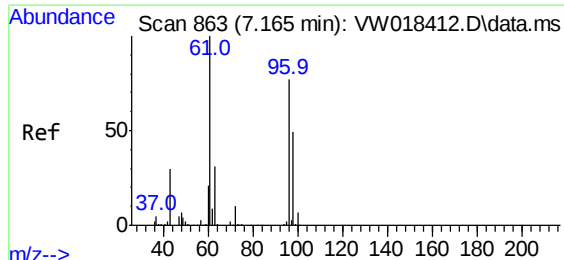
Tgt Ion: 63 Resp: 367732
Ion Ratio Lower Upper
63 100
65 30.3 23.5 43.7
83 14.1 10.3 19.1



#21
2-Butanone
Concen: 50.44 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 43 Resp: 97992
Ion Ratio Lower Upper
43 100
72 32.4 16.5 49.5



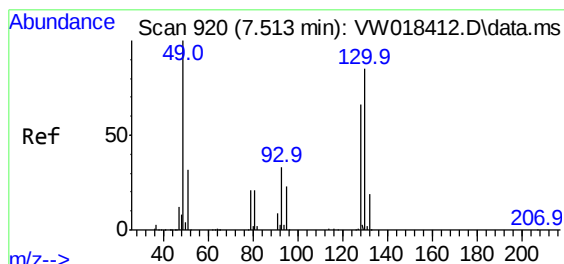
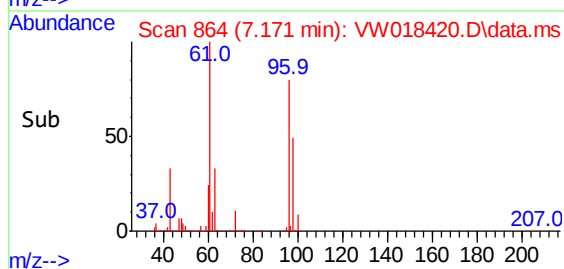
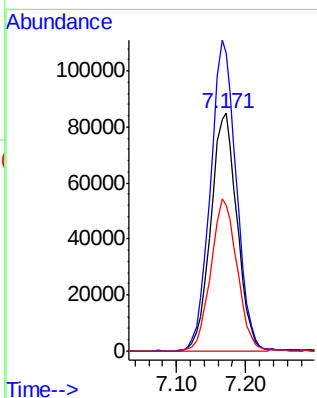
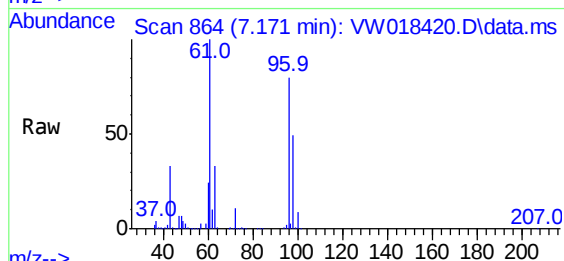


#22
cis-1,2-Dichloroethene
Concen: 27.93 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 96 Resp: 223701

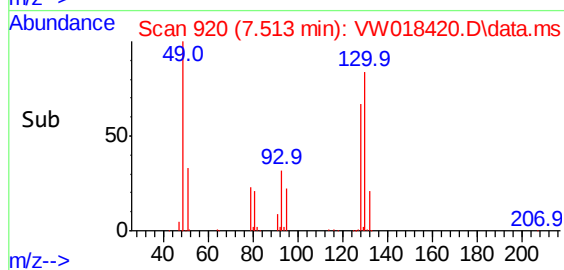
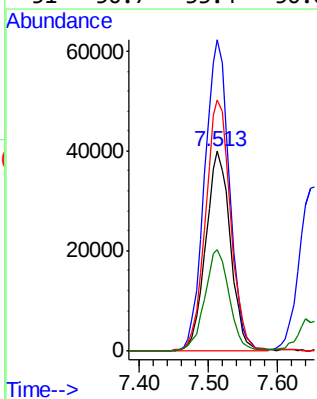
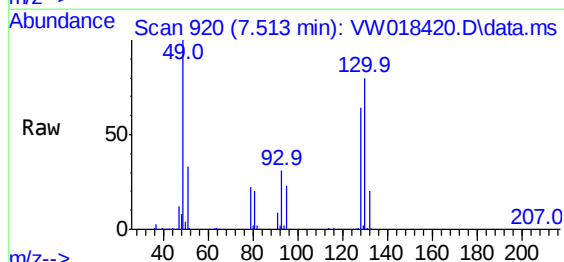
Ion	Ratio	Lower	Upper
96	100		
61	125.3	84.8	157.6
98	61.4	45.1	83.9

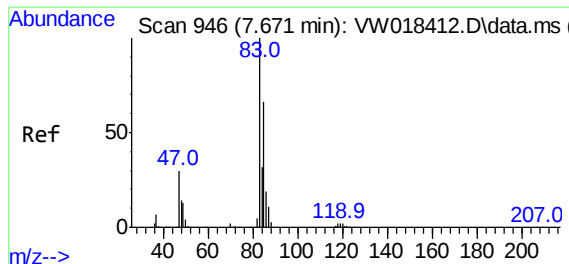


#23
Bromochloromethane
Concen: 27.66 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion:128 Resp: 98054

Ion	Ratio	Lower	Upper
128	100		
49	155.9	92.4	171.6
130	125.5	83.9	155.7
51	50.7	33.4	50.0#

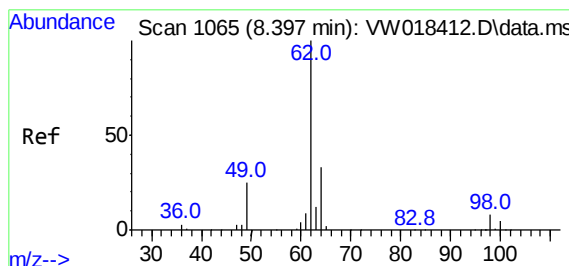
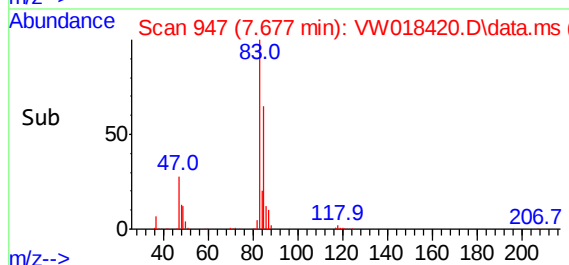
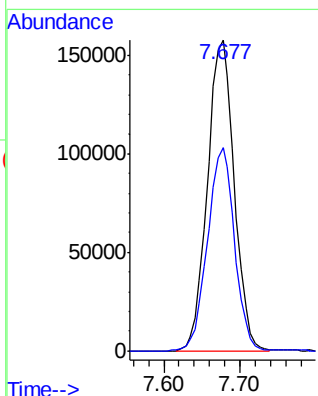
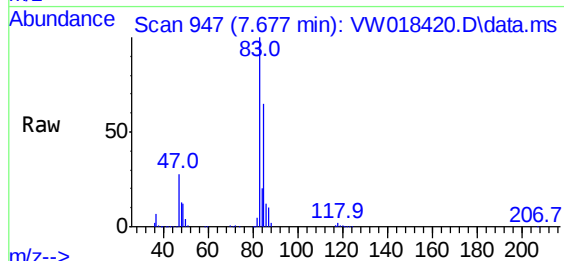




#25
Chloroform
Concen: 27.98 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

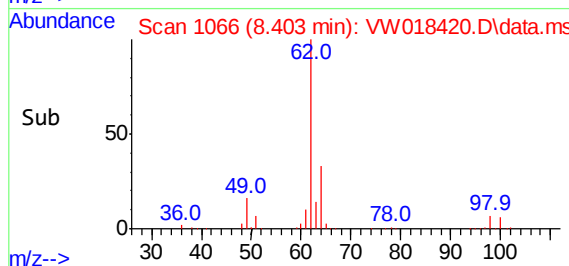
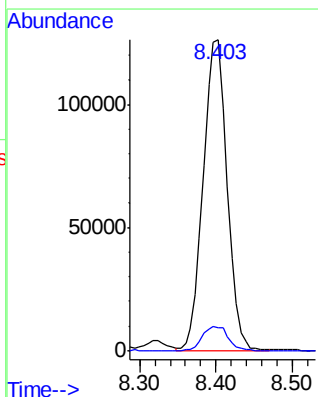
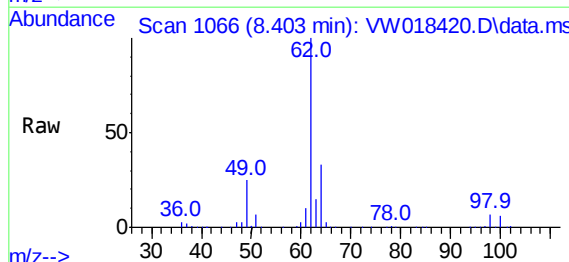
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

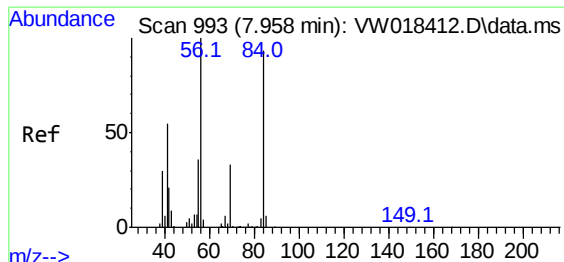
Tgt Ion: 83 Resp: 385714
Ion Ratio Lower Upper
83 100
85 65.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 28.11 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 62 Resp: 274987
Ion Ratio Lower Upper
62 100
98 7.2 6.4 9.6

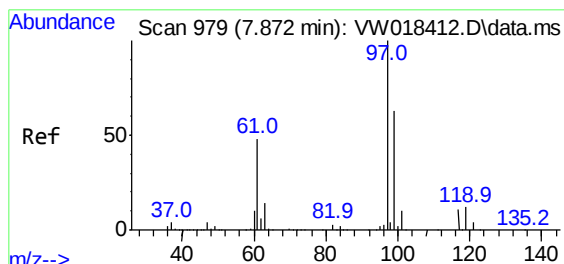
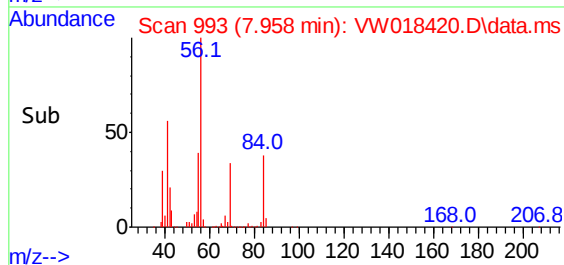
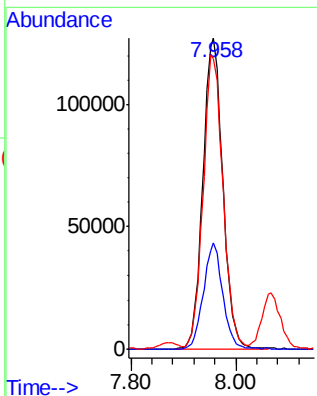
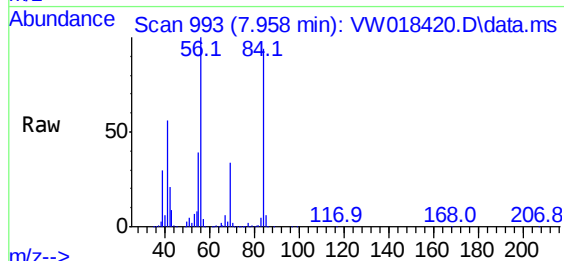




#30
Cyclohexane
Concen: 27.56 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

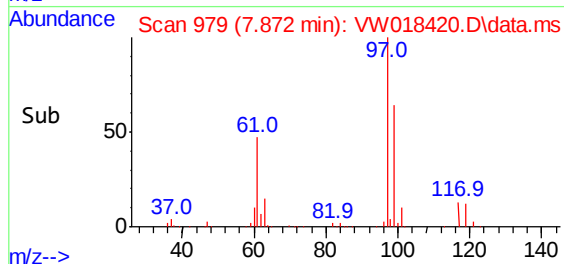
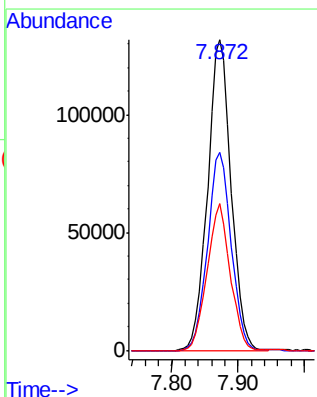
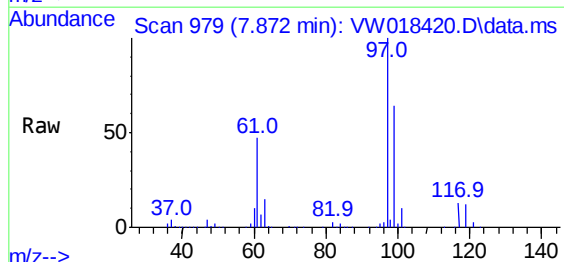
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

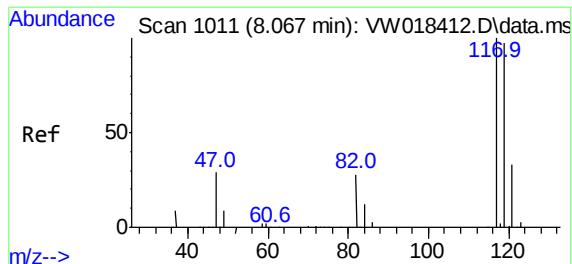
Tgt Ion: 56 Resp: 332441
Ion Ratio Lower Upper
56 100
69 33.0 27.0 40.6
84 94.6 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 28.68 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 97 Resp: 325695
Ion Ratio Lower Upper
97 100
99 64.2 51.7 77.5
61 46.4 34.8 52.2

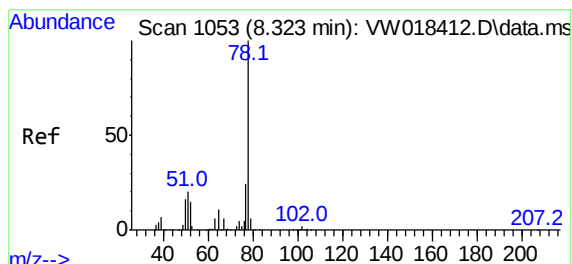
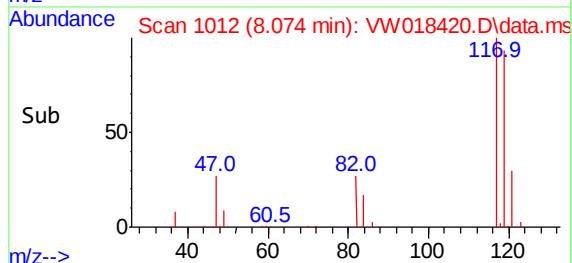
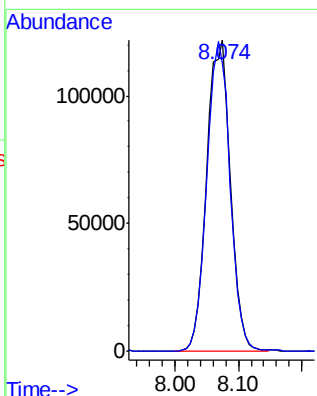
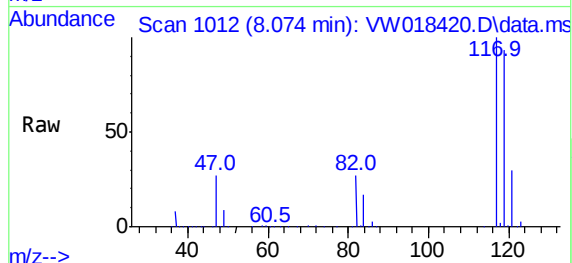




#32
Carbon tetrachloride
Concen: 28.71 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

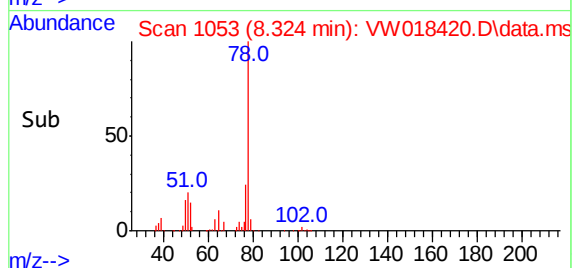
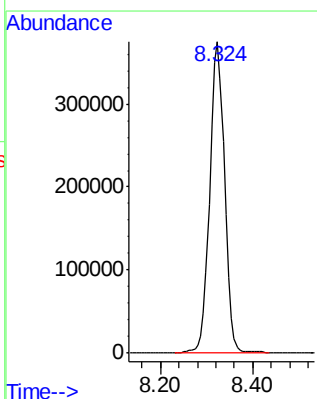
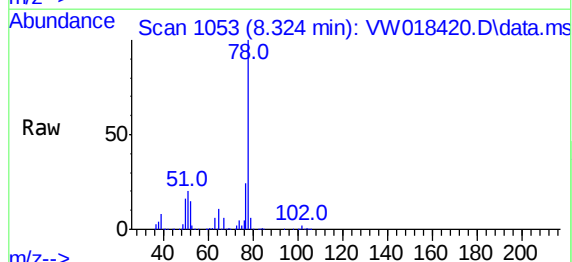
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

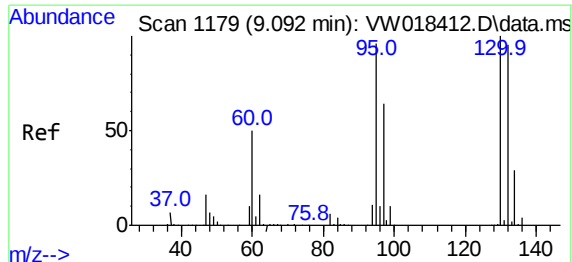
Tgt Ion:117 Resp: 303764
Ion Ratio Lower Upper
117 100
119 97.8 76.7 115.1



#34
Benzene
Concen: 28.36 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

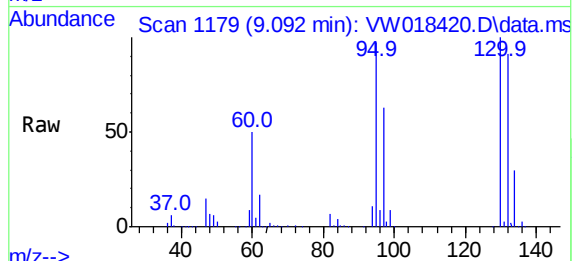
Tgt Ion: 78 Resp: 834615





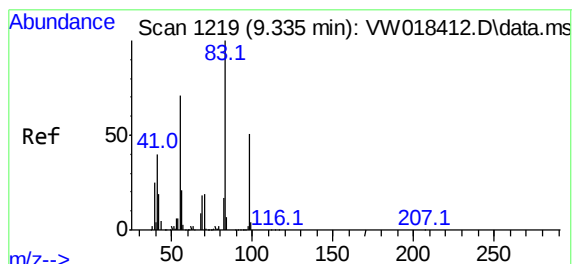
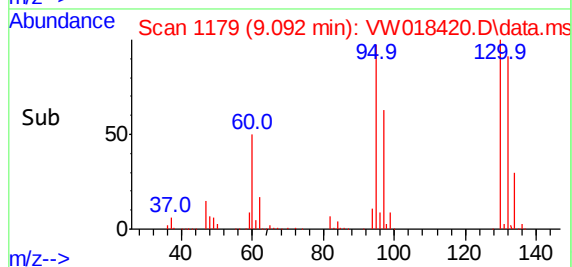
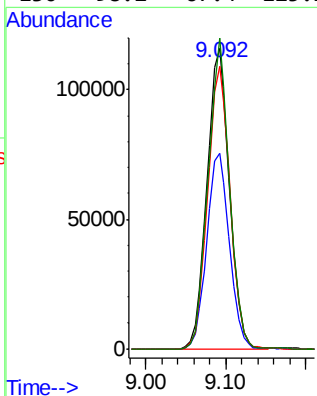
#35
Trichloroethene
Concen: 27.81 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510



Tgt Ion: 95 Resp: 226061

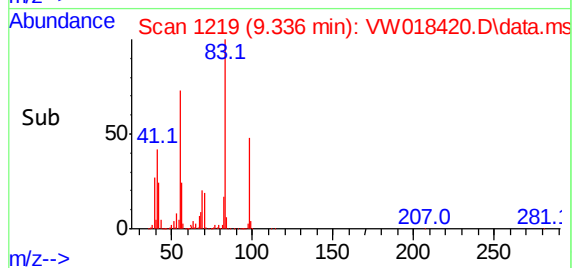
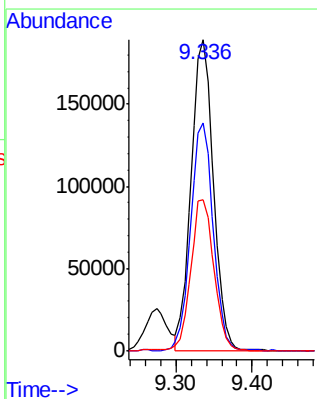
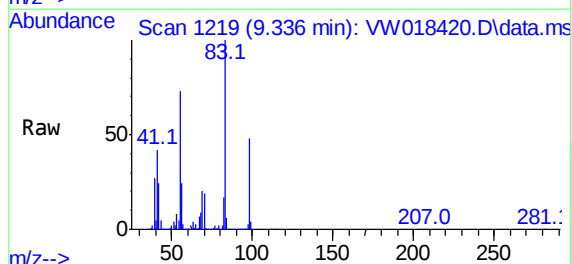
Ion	Ratio	Lower	Upper
95	100		
97	65.8	44.4	82.4
132	93.8	65.9	122.5
130	98.2	67.4	125.2

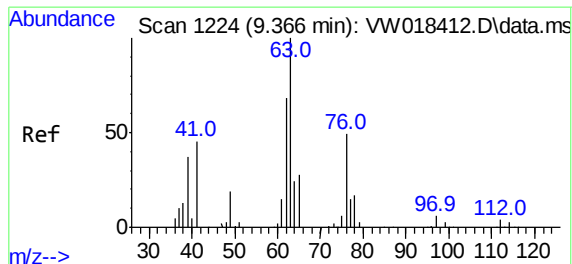


#36
Methylcyclohexane
Concen: 26.99 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 83 Resp: 384216

Ion	Ratio	Lower	Upper
83	100		
55	73.6	56.8	85.2
98	50.0	40.6	61.0

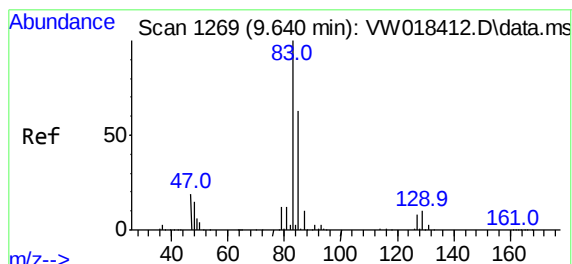
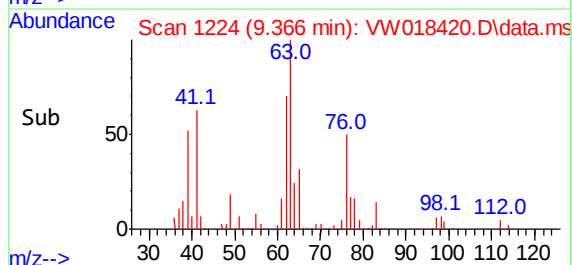
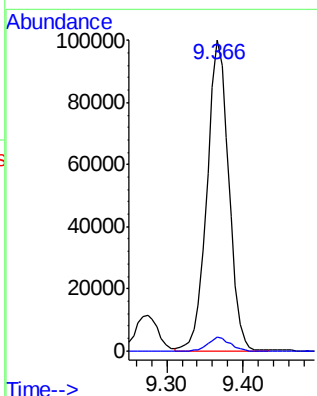
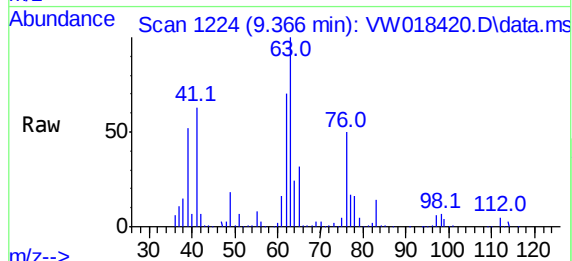




#40
1,2-Dichloropropane
Concen: 27.50 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

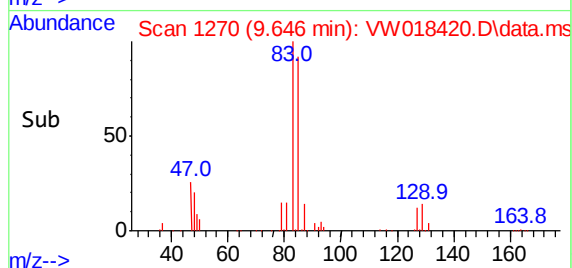
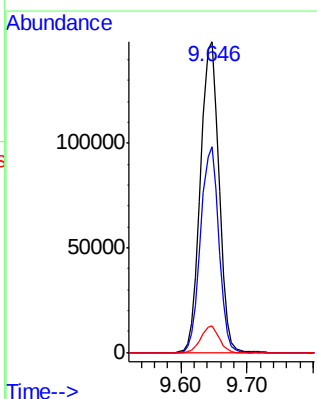
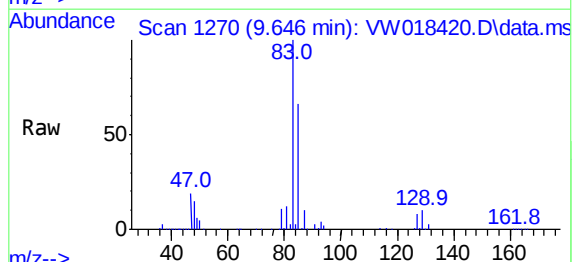
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

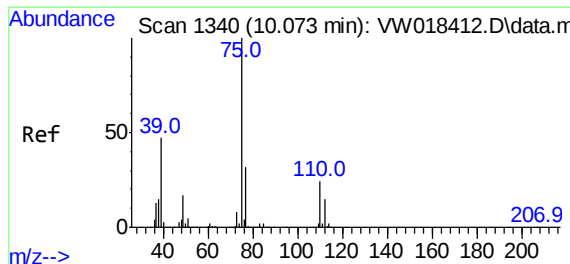
Tgt Ion: 63 Resp: 197934
Ion Ratio Lower Upper
63 100
112 4.3 4.2 6.4



#41
Bromodichloromethane
Concen: 28.28 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 83 Resp: 287714
Ion Ratio Lower Upper
83 100
85 66.2 43.8 81.4
127 8.5 6.9 10.3

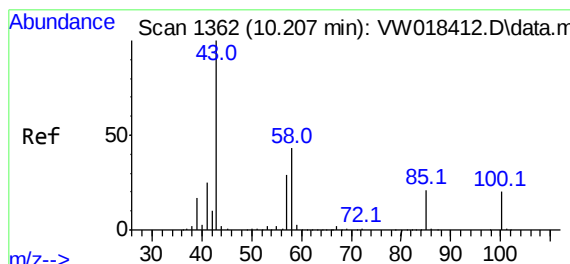
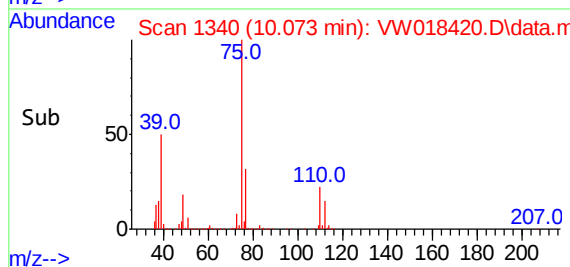
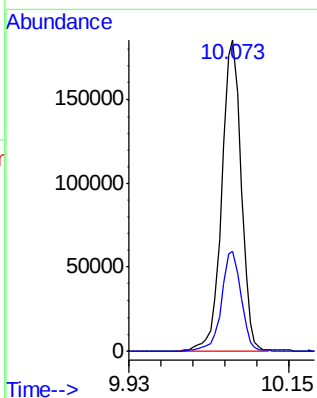
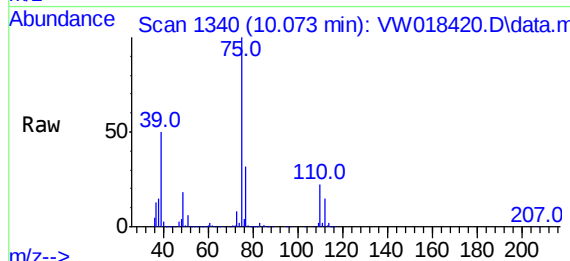




#42
cis-1,3-Dichloropropene
Concen: 27.98 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

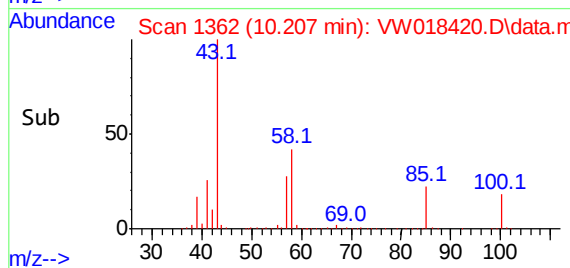
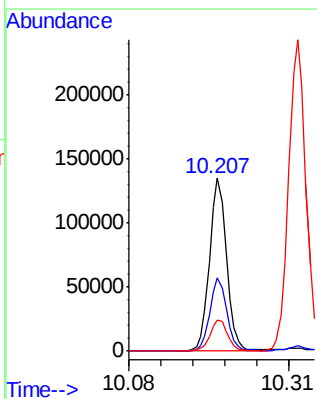
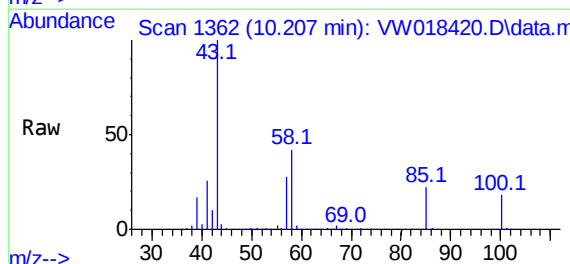
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

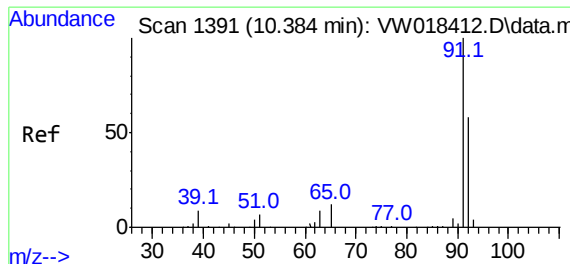
Tgt Ion: 75 Resp: 340611
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 52.80 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 43 Resp: 228543
Ion Ratio Lower Upper
43 100
58 41.3 34.8 52.2
100 17.9 15.9 23.9





#44

Toluene

Concen: 27.72 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018420.D

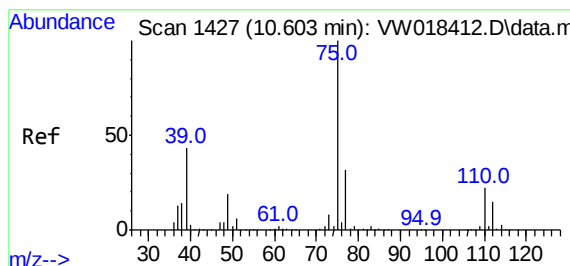
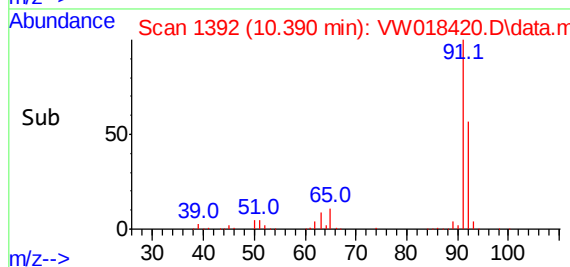
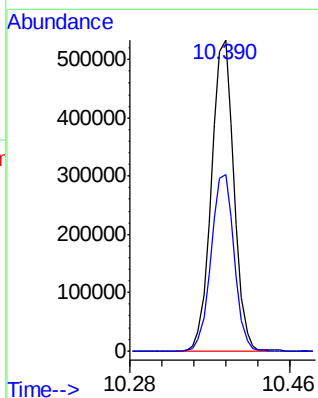
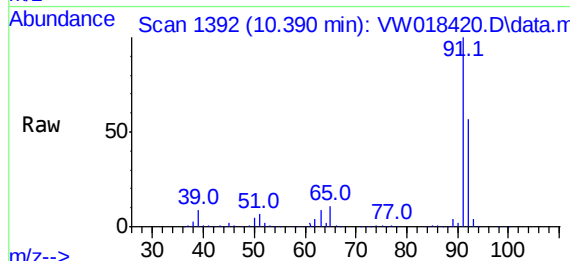
Acq: 23 Mar 2021 09:20

Tgt Ion: 91 Resp: 927336

Ion Ratio Lower Upper

91 100

92 56.9 42.3 78.5



#45

trans-1,3-Dichloropropene

Concen: 28.33 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018420.D

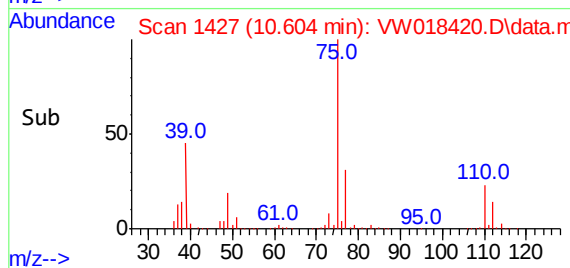
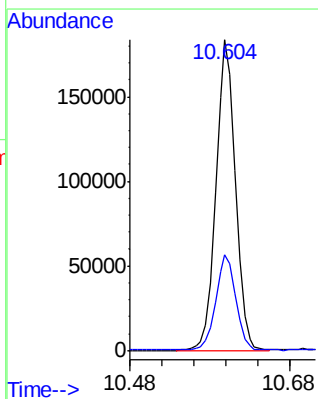
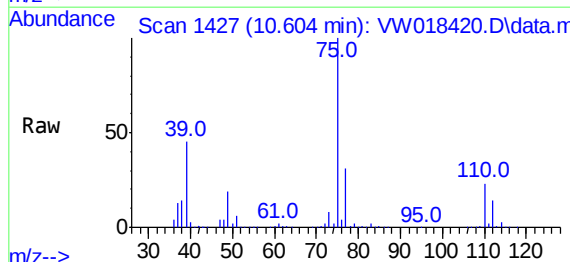
Acq: 23 Mar 2021 09:20

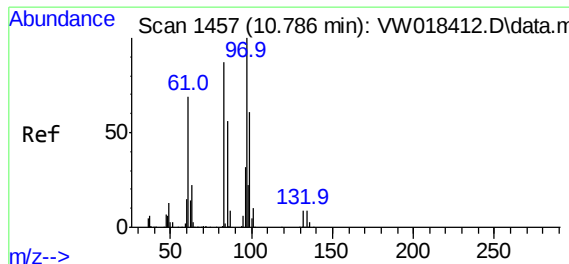
Tgt Ion: 75 Resp: 309671

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0



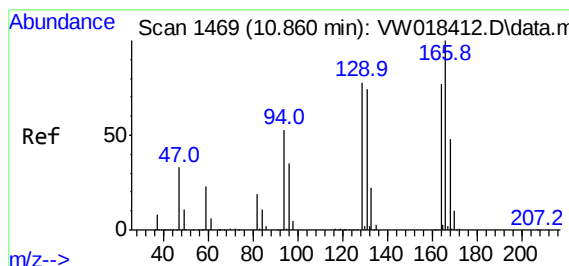
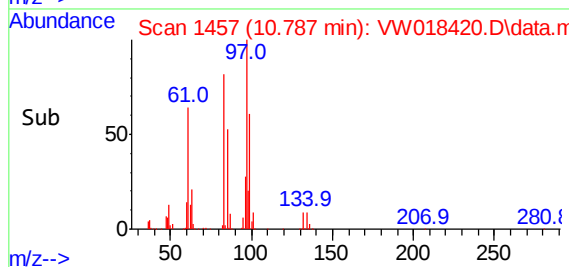
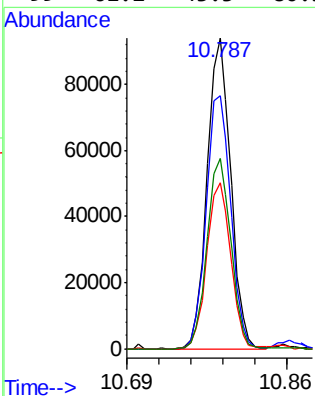
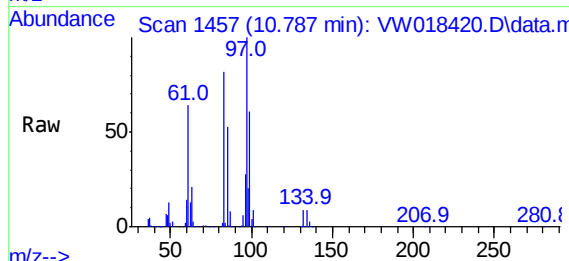


#46
1,1,2-Trichloroethane
Concen: 27.71 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 97 Resp: 159032

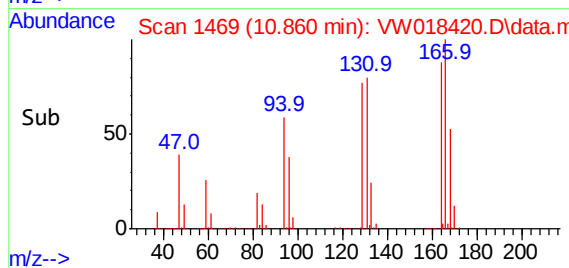
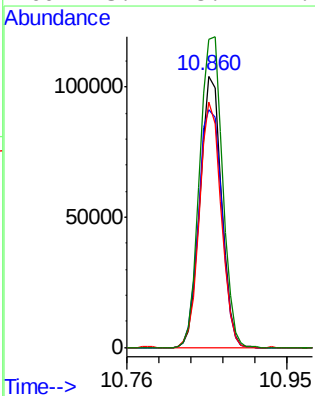
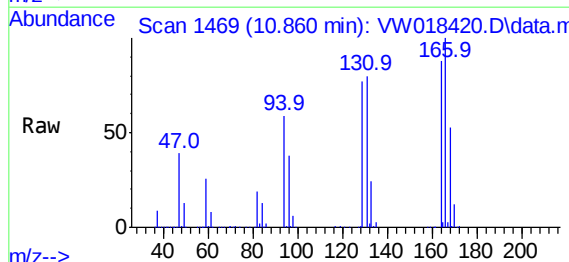
Ion	Ratio	Lower	Upper
97	100		
83	81.6	58.9	109.5
85	53.4	38.4	71.4
99	61.2	43.3	80.3

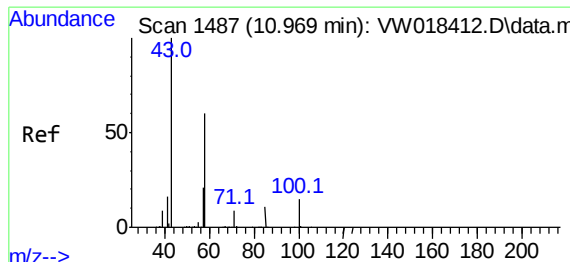


#47
Tetrachloroethene
Concen: 28.58 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 164 Resp: 176406

Ion	Ratio	Lower	Upper
164	100		
129	87.7	68.8	127.8
131	90.5	68.3	126.8
166	113.4	95.4	177.2



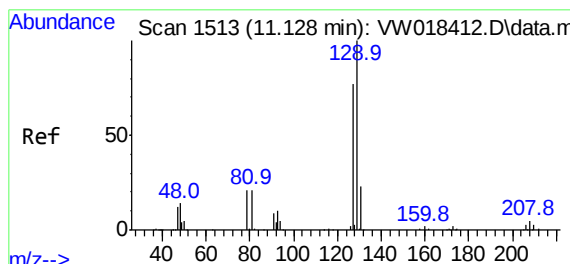
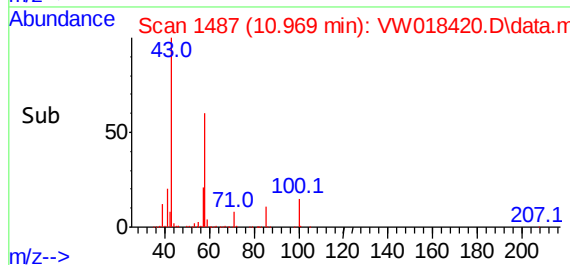
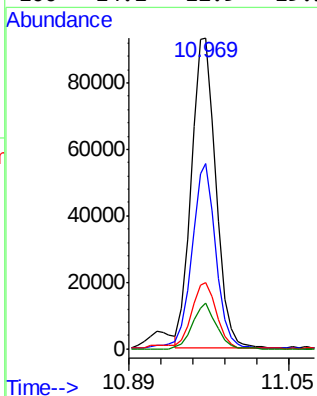
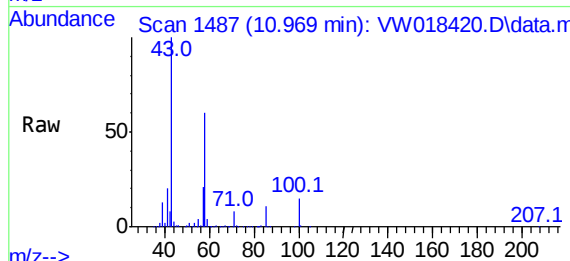


#49
2-Hexanone
Concen: 51.42 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion: 43 Resp: 157479

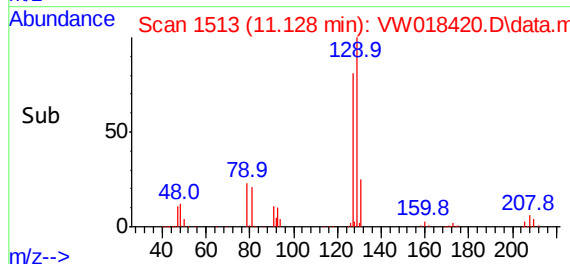
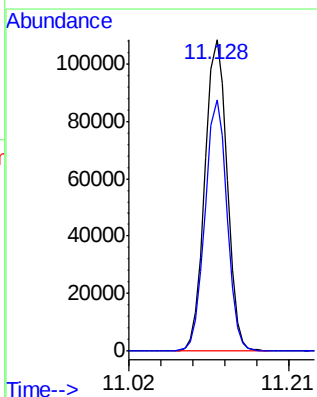
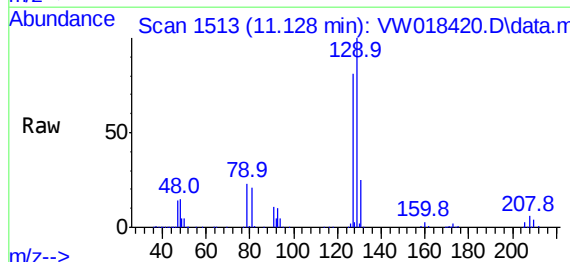
Ion	Ratio	Lower	Upper
43	100		
58	58.3	47.3	70.9
57	21.9	17.3	25.9
100	14.1	12.9	19.3

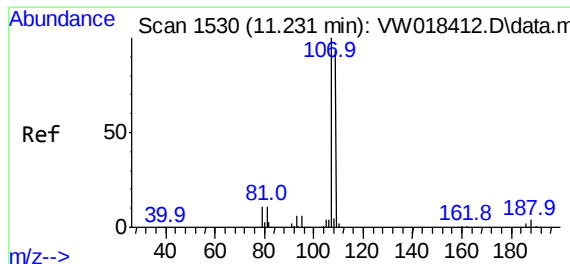


#50
Dibromochloromethane
Concen: 28.17 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 129 Resp: 190628

Ion	Ratio	Lower	Upper
129	100		
127	80.8	58.0	107.6

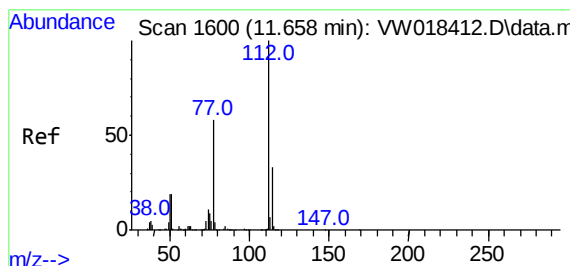
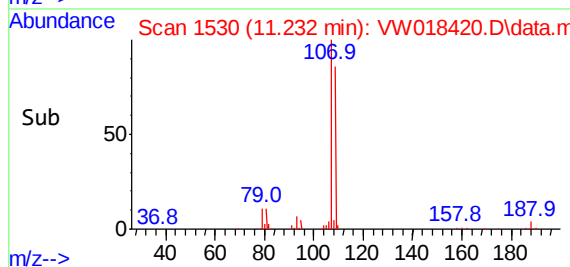
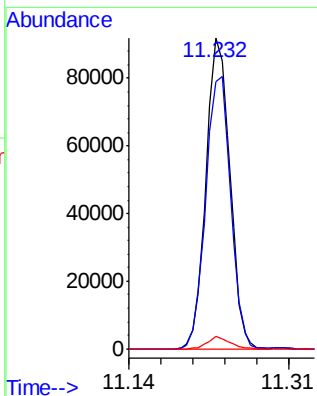
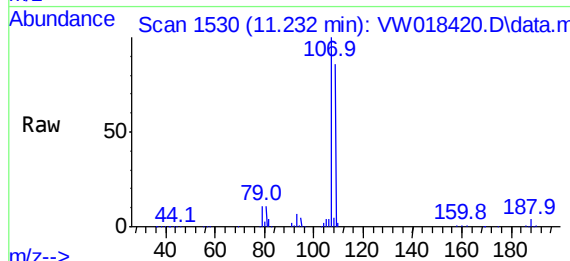




#51
1,2-Dibromoethane
Concen: 27.77 ug/L
RT: 11.232 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

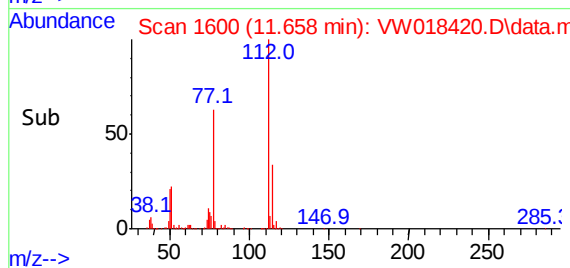
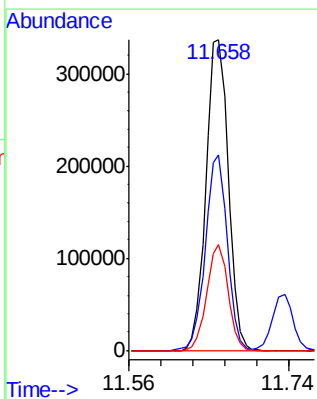
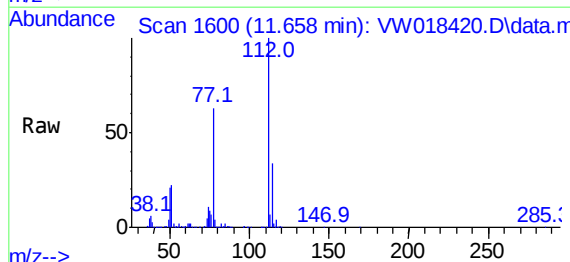
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

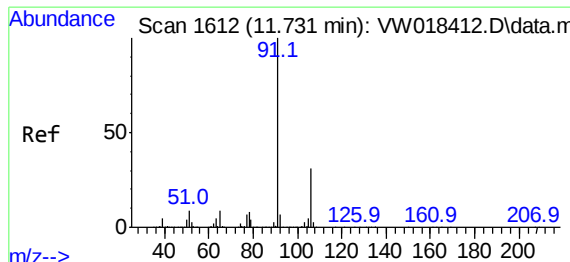
Tgt Ion:107 Resp: 157839
Ion Ratio Lower Upper
107 100
109 86.0 65.9 122.5
188 4.1 3.0 4.4



#52
Chlorobenzene
Concen: 27.62 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion:112 Resp: 585839
Ion Ratio Lower Upper
112 100
77 62.8 45.4 68.2
114 34.3 22.5 41.9

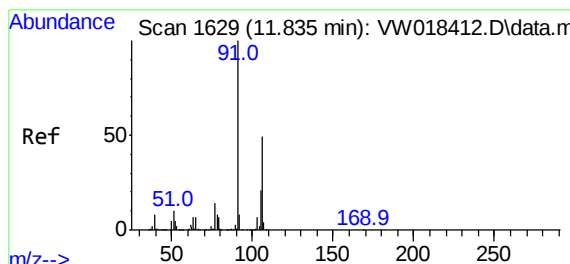
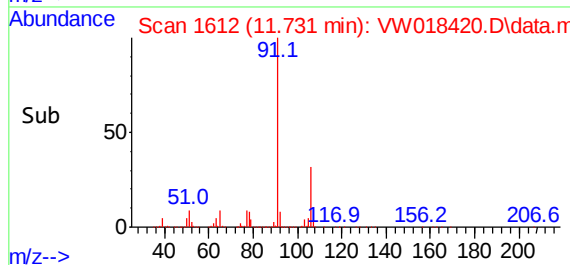
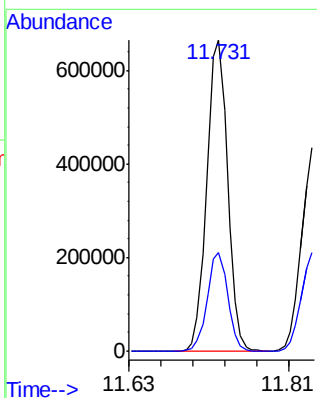
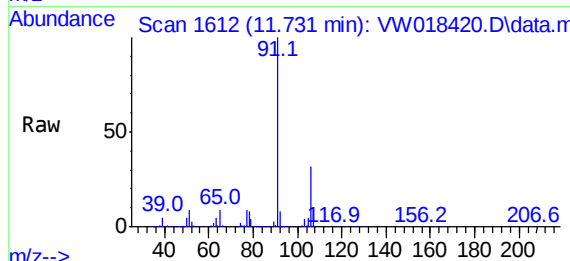




#53
Ethylbenzene
Concen: 28.51 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

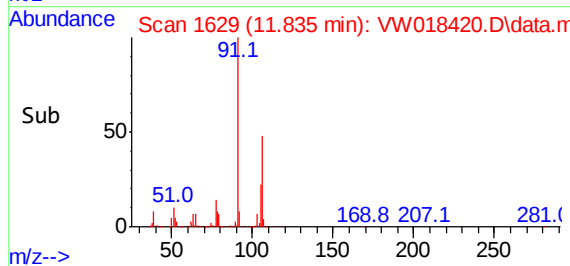
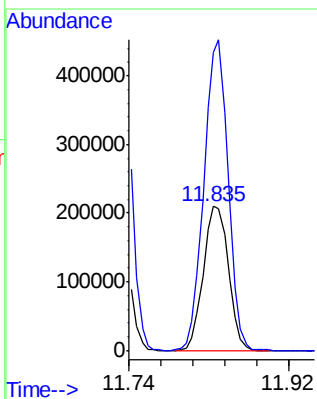
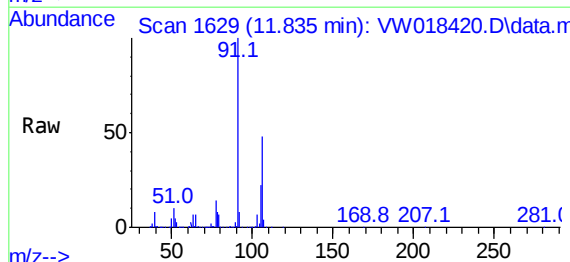
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

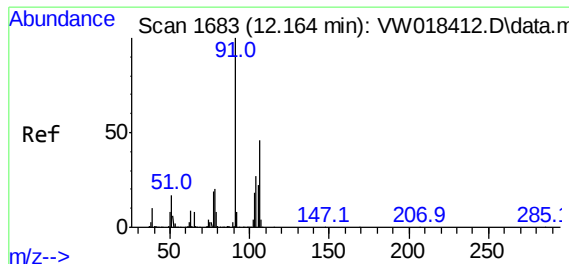
Tgt Ion: 91 Resp: 1075096
Ion Ratio Lower Upper
91 100
106 31.6 21.7 40.3



#54
m,p-Xylene
Concen: 28.42 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 106 Resp: 409626
Ion Ratio Lower Upper
106 100
91 207.2 145.3 269.8

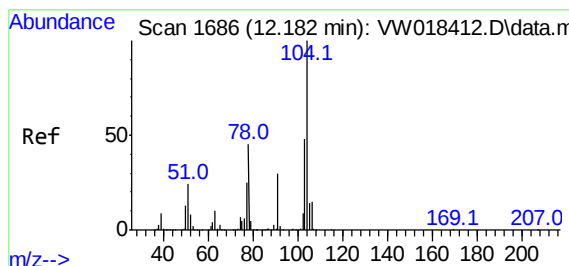
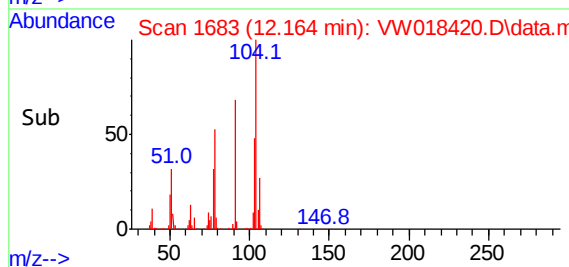
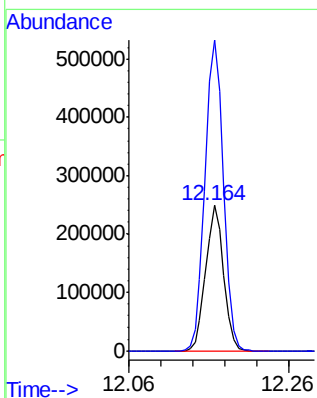
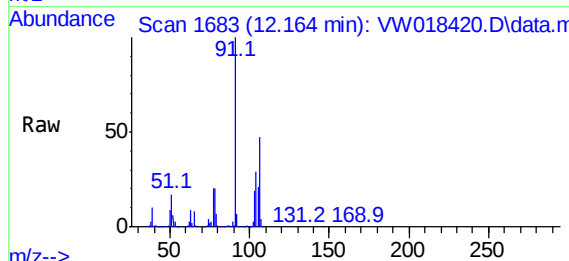




#55
o-xylene
Concen: 28.09 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

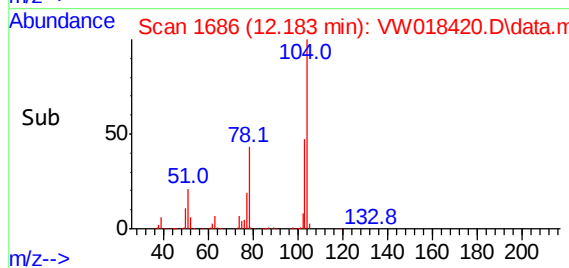
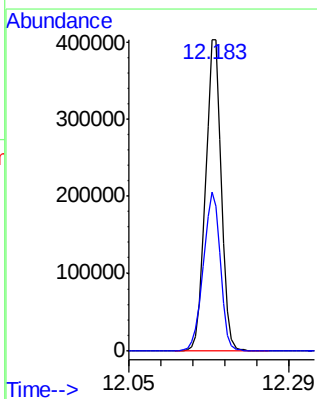
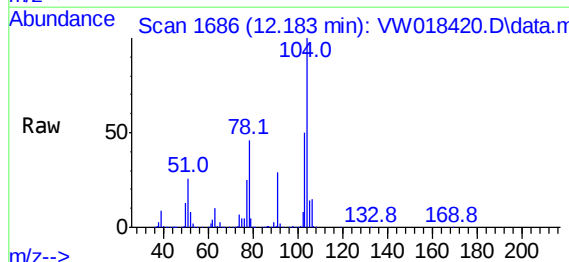
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

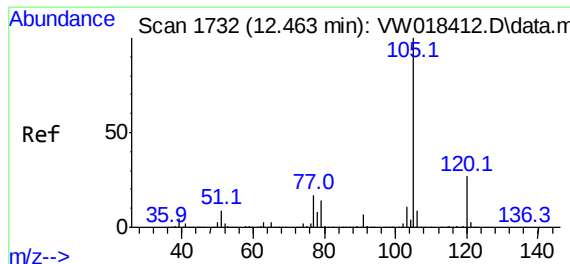
Tgt Ion:106 Resp: 385890
Ion Ratio Lower Upper
106 100
91 213.8 154.3 286.5



#56
Styrene
Concen: 28.38 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion:104 Resp: 664984
Ion Ratio Lower Upper
104 100
78 46.3 34.7 64.5

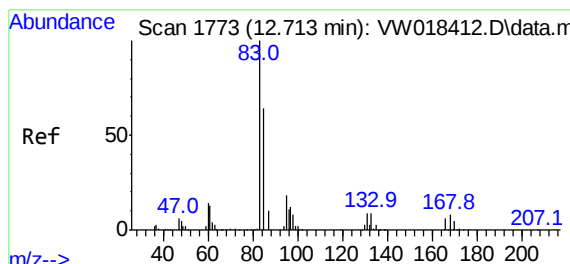
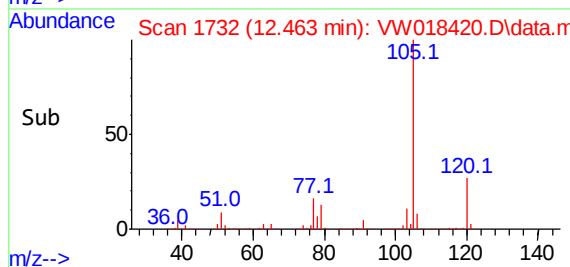
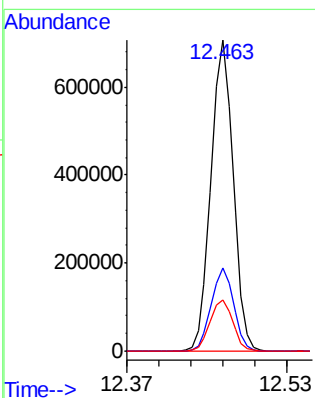
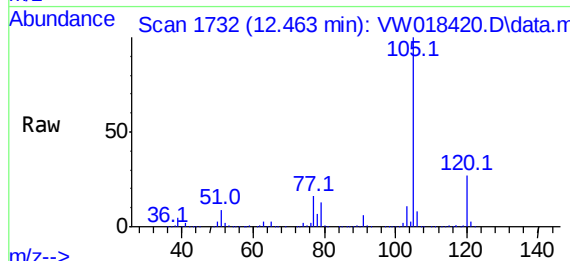




#57
Isopropylbenzene
Concen: 28.60 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

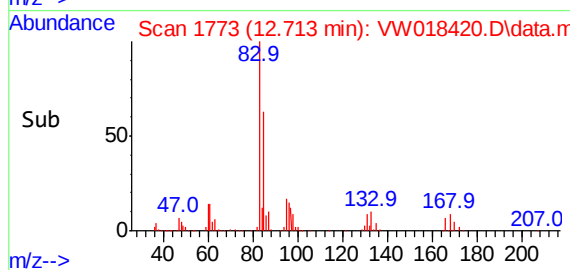
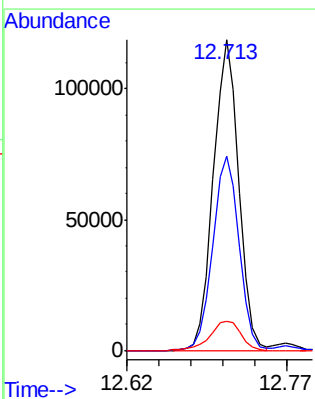
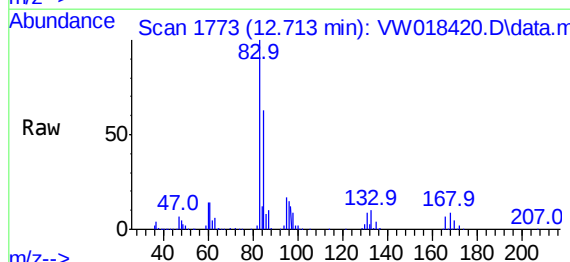
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

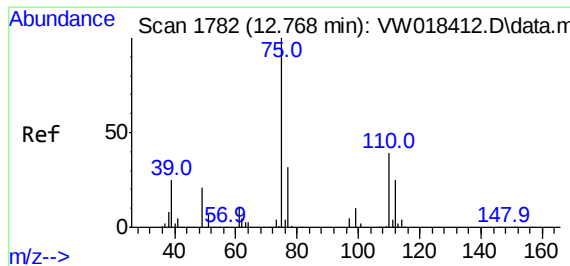
Tgt Ion:105 Resp: 1068741
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.8 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 27.68 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 83 Resp: 192244
Ion Ratio Lower Upper
83 100
85 62.6 49.0 91.0
131 9.4 8.7 13.1

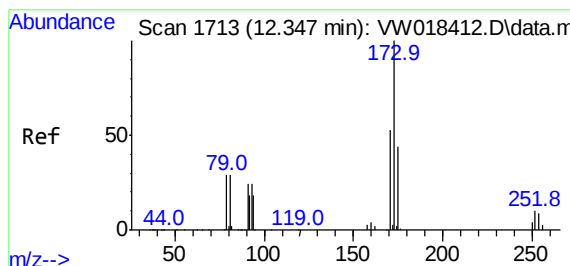
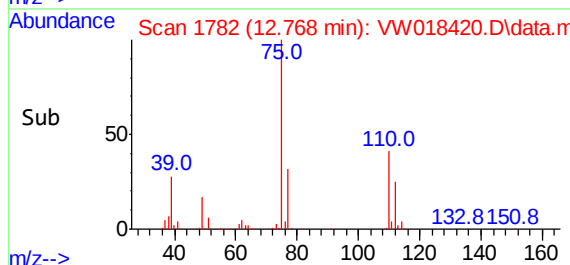
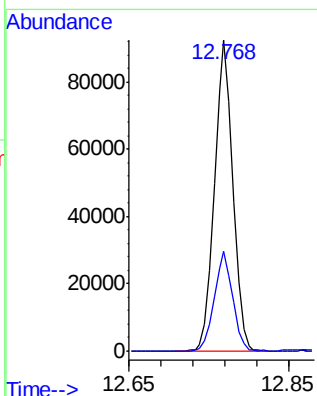
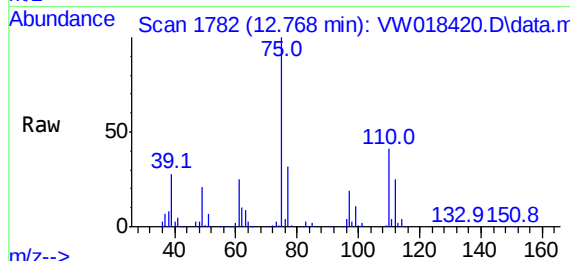




#59
1,2,3-Trichloropropane
Concen: 28.00 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

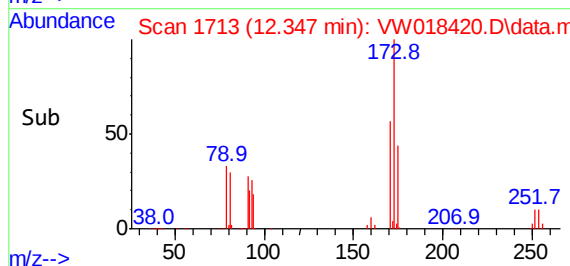
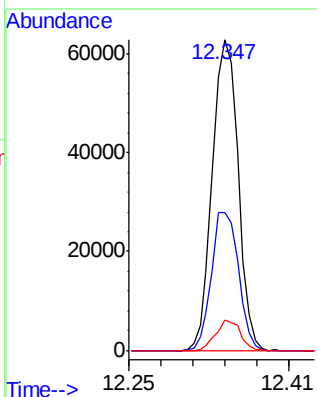
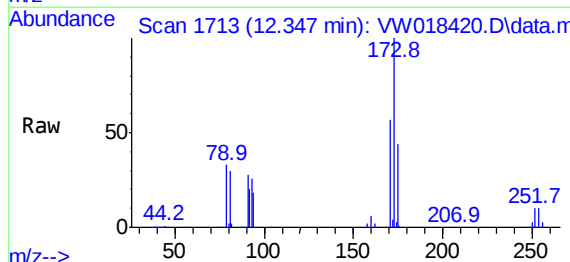
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

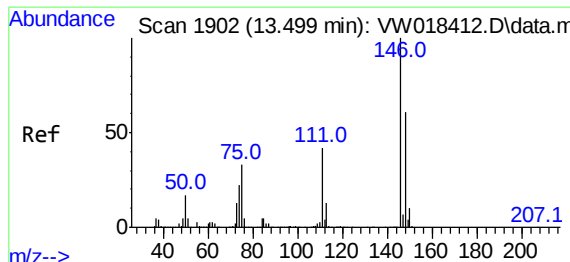
Tgt Ion: 75 Resp: 146814
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4



#62
Bromoform
Concen: 27.45 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 173 Resp: 110510
Ion Ratio Lower Upper
173 100
175 46.6 38.2 57.2
254 9.2 6.0 9.0#

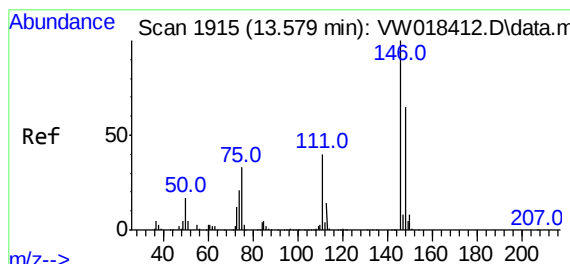
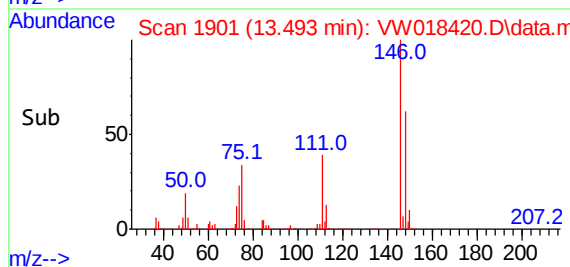
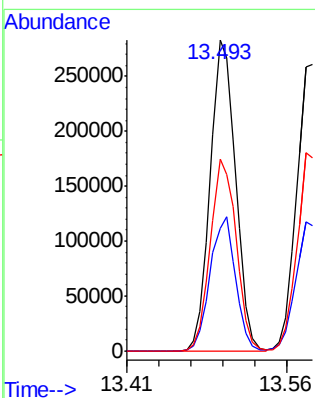
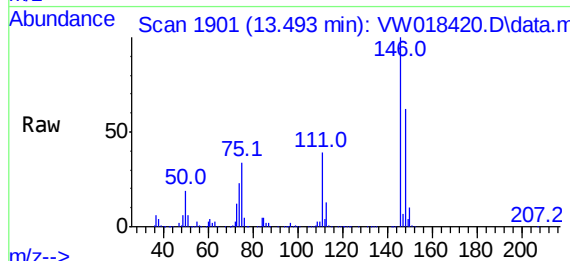




#63
1,3-Dichlorobenzene
Concen: 27.20 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

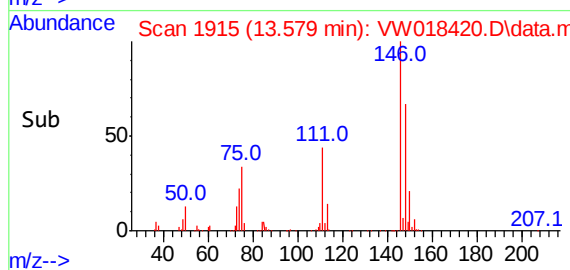
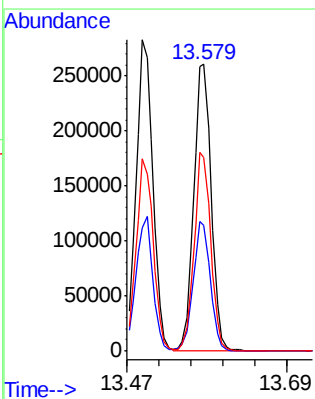
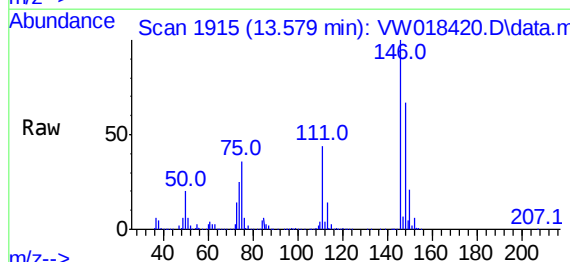
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

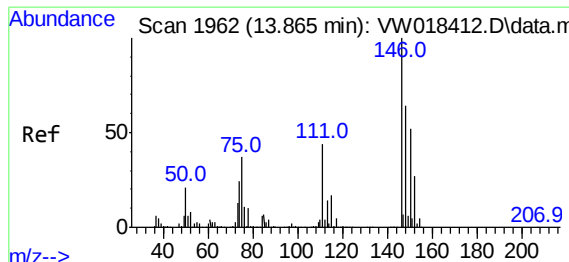
Tgt Ion:146 Resp: 457150
Ion Ratio Lower Upper
146 100
111 39.5 27.5 51.1
148 61.7 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.91 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion:146 Resp: 439428
Ion Ratio Lower Upper
146 100
111 43.7 28.3 52.5
148 67.1 47.3 87.9

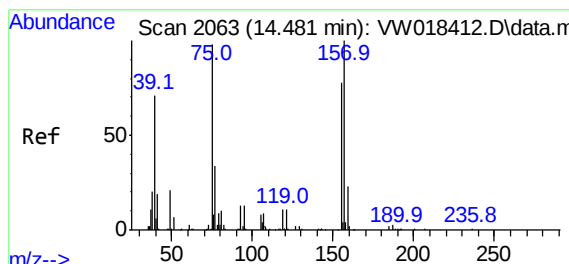
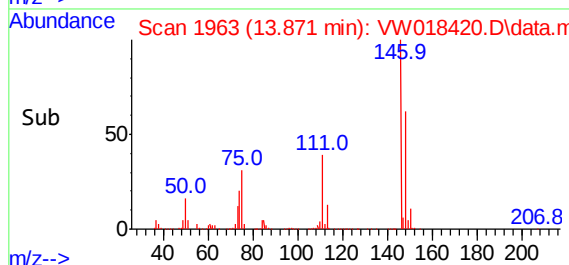
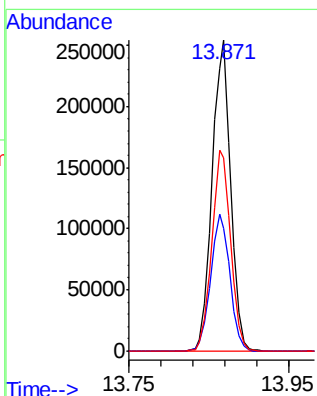
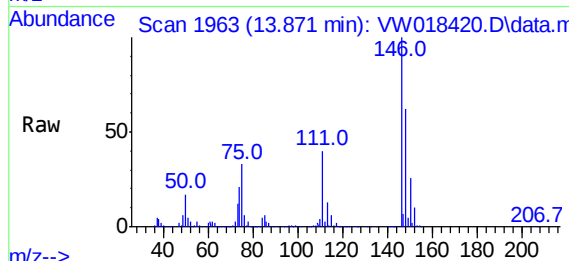




#65
1,2-Dichlorobenzene
Concen: 27.23 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

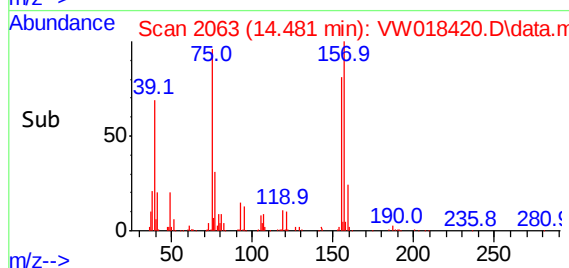
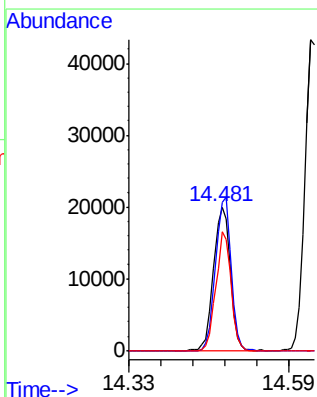
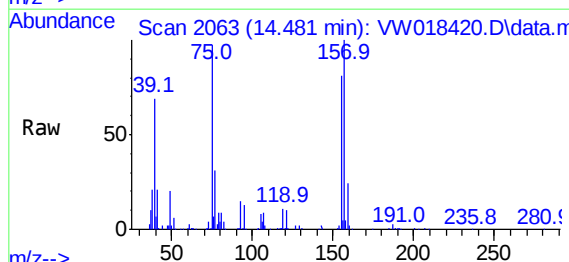
Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

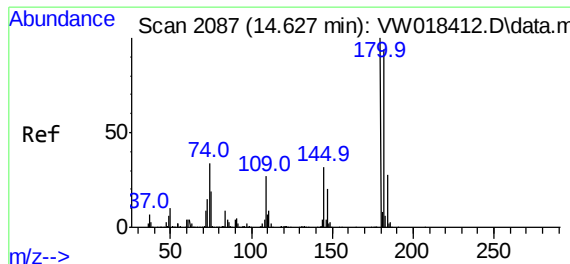
Tgt Ion:146 Resp: 409024
Ion Ratio Lower Upper
146 100
111 39.6 36.0 54.0
148 61.9 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 25.77 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion: 75 Resp: 34978
Ion Ratio Lower Upper
75 100
157 103.2 65.2 97.8#
155 83.1 60.1 90.1

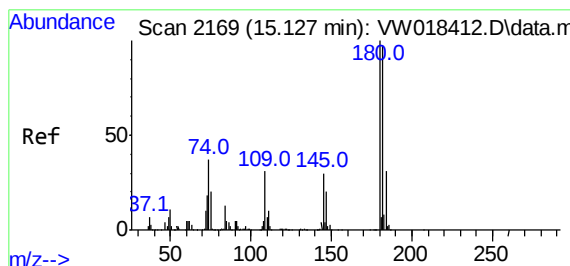
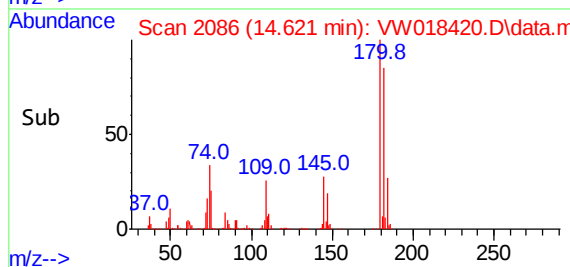
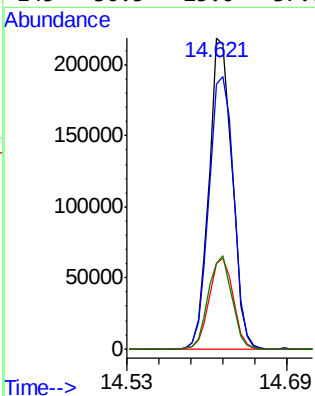
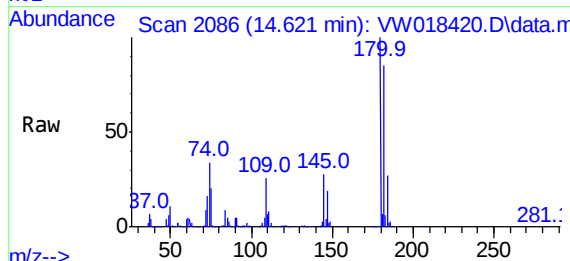




#67
 1,3,5-Trichlorobenzene
 Concen: 28.34 ug/L
 RT: 14.621 min Scan# 2086
 Delta R.T. -0.006 min
 Lab File: VW018420.D
 Acq: 23 Mar 2021 09:20

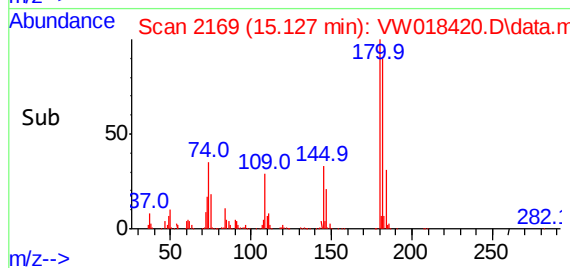
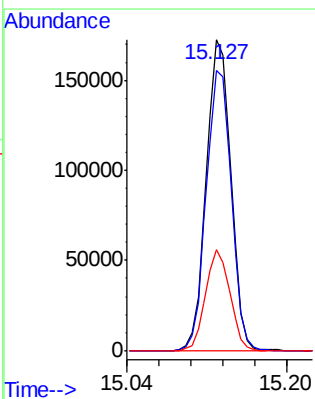
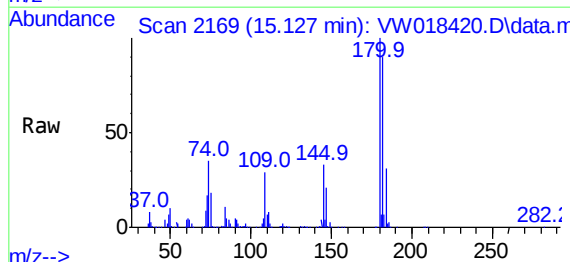
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02510

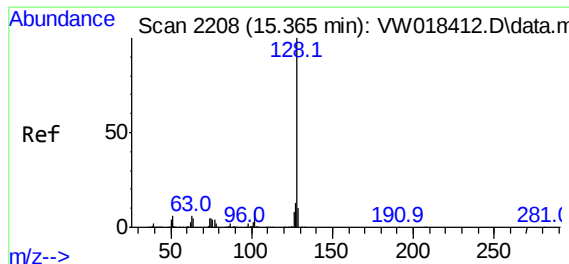
Tgt Ion:180 Resp: 343480
 Ion Ratio Lower Upper
 180 100
 182 93.4 71.8 107.8
 184 29.8 23.5 35.3
 145 30.5 25.0 37.6



#68
 1,2,4-trichlorobenzene
 Concen: 27.82 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW018420.D
 Acq: 23 Mar 2021 09:20

Tgt Ion:180 Resp: 286920
 Ion Ratio Lower Upper
 180 100
 182 92.2 70.2 105.4
 145 32.1 24.9 37.3

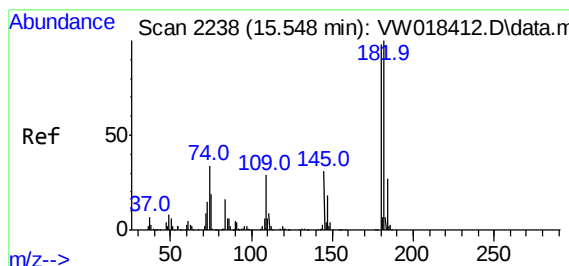
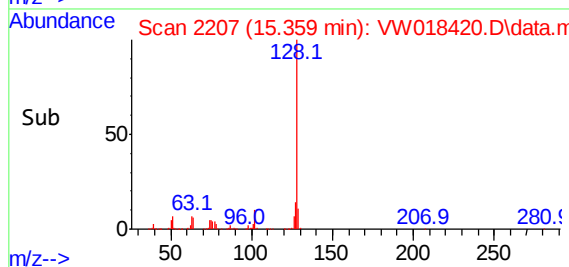
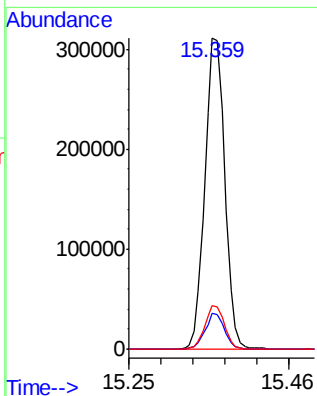
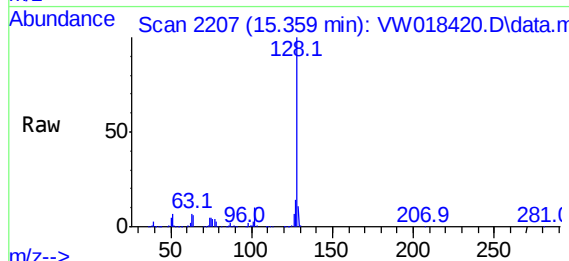




#69
Naphthalene
Concen: 26.12 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD02510

Tgt Ion:128 Resp: 560860
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.6 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 27.40 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VW018420.D
Acq: 23 Mar 2021 09:20

Tgt Ion:180 Resp: 246525
Ion Ratio Lower Upper
180 100
182 92.0 76.5 114.7
145 33.6 27.7 41.5

