

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032421\
 Data File : VW018447.D
 Acq On : 24 Mar 2021 17:30
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Mar 25 01:26:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 25 01:23:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	446664	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	417747	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	211126	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	141306	22.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.92%		
7) Chloroethane-d5	2.891	69	133737	24.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	98.32%		
10) 1,1-Dichloroethene-d2	4.025	63	242667	22.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	90.44%		
20) 2-Butanone-d5	7.074	46	86482	62.50	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	125.00%		
24) Chloroform-d	7.647	84	286418	25.18	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	100.72%		
26) 1,2-Dichloroethane-d4	8.305	65	175328	26.40	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.60%		
29) Benzene-d6	8.275	84	522585	23.53	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.12%		
33) 1,2-Dichloropropane-d6	9.274	67	156173	24.38	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	97.52%		
37) Toluene-d8	10.323	98	513910	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	96.12%		
38) trans-1,3-Dichloroprop...	10.579	79	81247	24.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	98.36%		
39) 2-Hexanone-d5	10.920	63	75609	60.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	120.62%		
48) 1,1,2,2-Tetrachloroeth...	12.688	84	166466	29.05	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.20%		
61) 1,2-Dichlorobenzene-d4	13.853	152	189984	25.31	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	101.24%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	113483	22.12	ug/L	98
3) Chloromethane	2.221	50	155774	24.09	ug/L	96
5) Vinyl chloride	2.367	62	234364	27.60	ug/L	96
6) Bromomethane	2.782	94	171517	27.97	ug/L	98
8) Chloroethane	2.928	64	147546	27.86	ug/L	96
9) Trichlorofluoromethane	3.263	101	96007	22.47	ug/L	98
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	149863	27.28	ug/L #	69
12) 1,1-Dichloroethene	4.050	96	144306	25.74	ug/L	95
13) Acetone	4.117	43	54078	54.40	ug/L	98
14) Carbon disulfide	4.391	76	415463	24.61	ug/L	99
15) Methyl Acetate	4.665	43	71425	31.41	ug/L	98
16) Methylene chloride	4.922	84	158778	21.67	ug/L	90
17) Methyl tert-butyl Ether	5.421	73	219412	26.79	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	158747	25.65	ug/L	96
19) 1,1-Dichloroethane	6.214	63	279275	26.44	ug/L	97
21) 2-Butanone	7.165	43	93431	59.16	ug/L	99
22) cis-1,2-Dichloroethene	7.171	96	169674	26.06	ug/L	94
23) Bromochloromethane	7.513	128	78836	27.36	ug/L	89
25) Chloroform	7.677	83	297926	26.58	ug/L	99
27) 1,2-Dichloroethane	8.397	62	227073	28.55	ug/L	100

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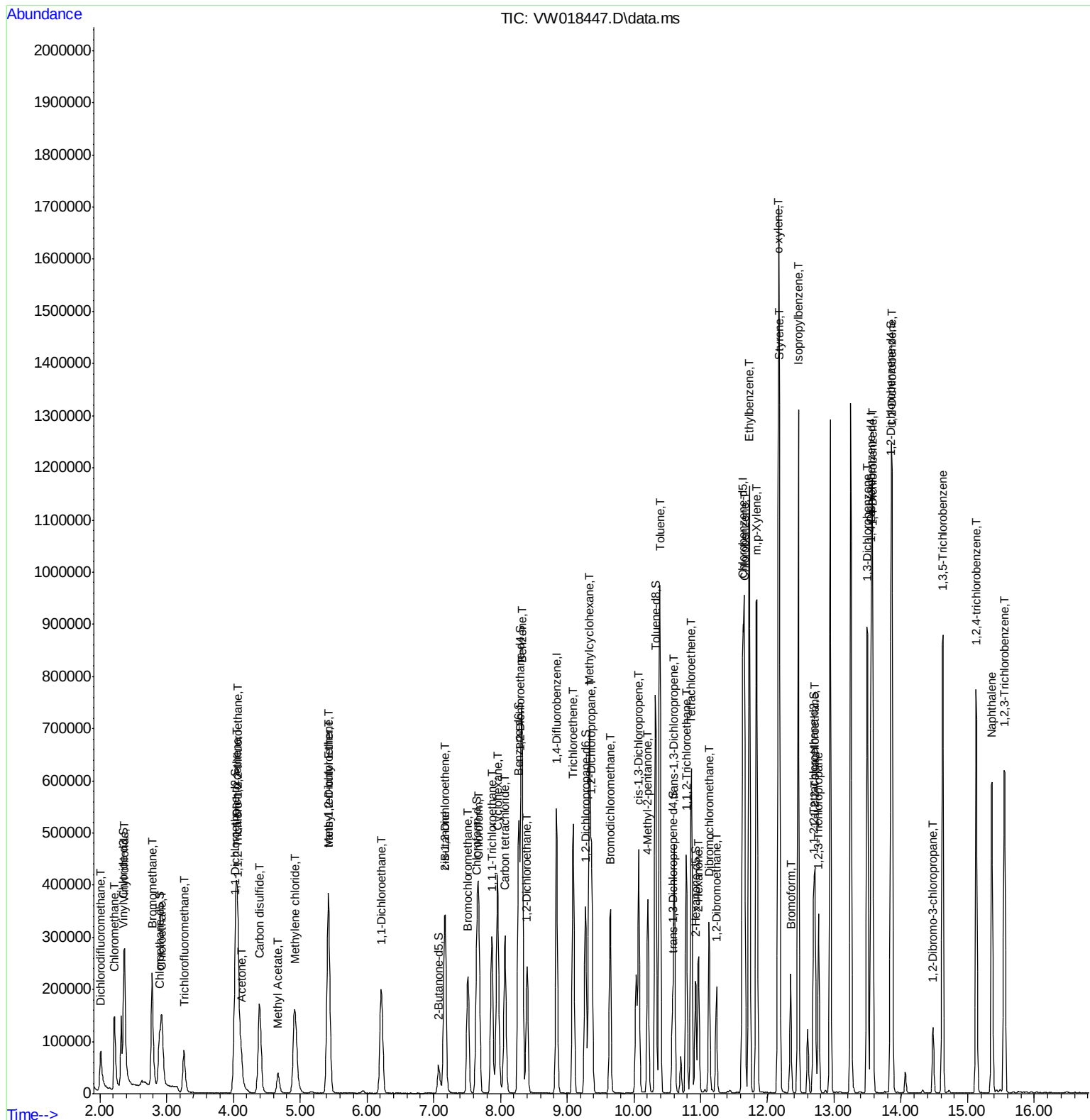
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	241873	24.39	ug/L	96
31) 1,1,1-Trichloroethane	7.872	97	239300	25.63	ug/L	96
32) Carbon tetrachloride	8.067	117	222820	25.61	ug/L	98
34) Benzene	8.323	78	637542	26.35	ug/L	100
35) Trichloroethene	9.092	95	170890	25.57	ug/L	99
36) Methylcyclohexane	9.335	83	287712	24.58	ug/L	97
40) 1,2-Dichloropropane	9.366	63	156112	26.38	ug/L	98
41) Bromodichloromethane	9.646	83	228854	27.36	ug/L	99
42) cis-1,3-Dichloropropene	10.073	75	268163	26.79	ug/L	99
43) 4-Methyl-2-pentanone	10.207	43	222796	62.60	ug/L	95
44) Toluene	10.390	91	729330	26.52	ug/L	92
45) trans-1,3-Dichloropropene	10.603	75	250083	27.83	ug/L	96
46) 1,1,2-Trichloroethane	10.786	97	135434	28.70	ug/L	97
47) Tetrachloroethene	10.859	164	133977	26.40	ug/L	93
49) 2-Hexanone	10.969	43	158914	63.10	ug/L	97
50) Dibromochloromethane	11.128	129	158238	28.44	ug/L	88
51) 1,2-Dibromoethane	11.237	107	133397	28.54	ug/L	98
52) Chlorobenzene	11.658	112	458946	26.31	ug/L	94
53) Ethylbenzene	11.731	91	810991	26.15	ug/L	99
54) m,p-Xylene	11.841	106	305771	25.80	ug/L	97
55) o-xylene	12.164	106	299022	26.47	ug/L	98
56) Styrene	12.182	104	516773	26.83	ug/L	95
57) Isopropylbenzene	12.463	105	822685	26.78	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	175343	30.70	ug/L	92
59) 1,2,3-Trichloropropane	12.768	75	134293	31.14	ug/L	100
62) Bromoform	12.347	173	93057	28.74	ug/L #	98
63) 1,3-Dichlorobenzene	13.493	146	343680	25.43	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	356649	26.16	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	335675	27.79	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	32730	29.99	ug/L	86
67) 1,3,5-Trichlorobenzene	14.627	180	260477	26.73	ug/L	95
68) 1,2,4-trichlorobenzene	15.127	180	228928	27.61	ug/L	95
69) Naphthalene	15.365	128	509689	29.52	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	203654	28.15	ug/L	99

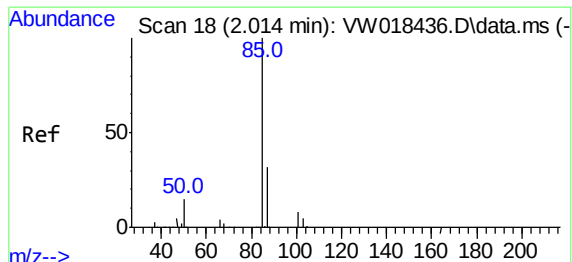
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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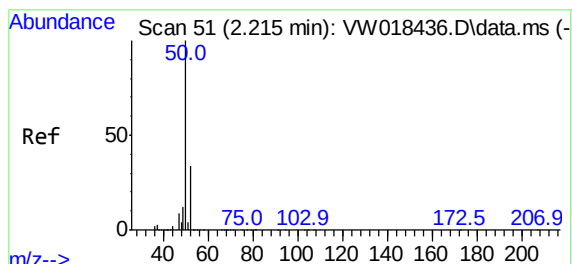
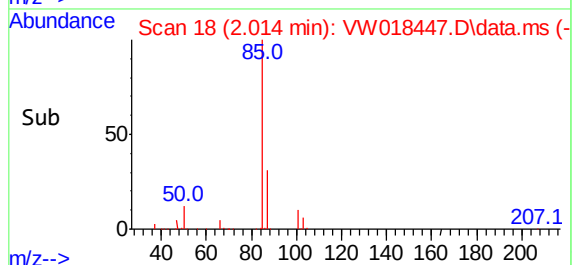
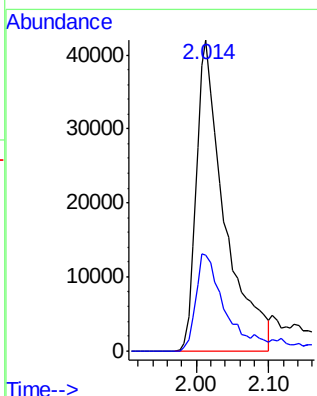
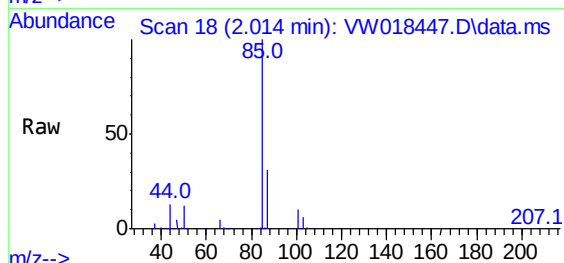




#2
Dichlorodifluoromethane
Concen: 22.12 ug/L
RT: 2.014 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

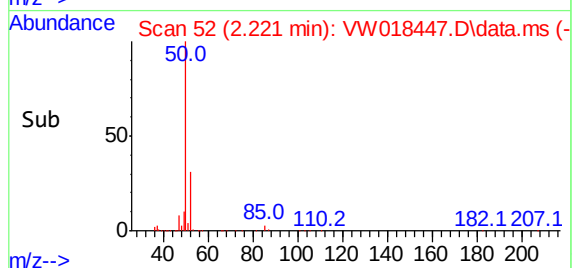
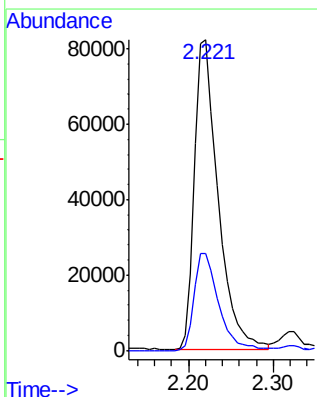
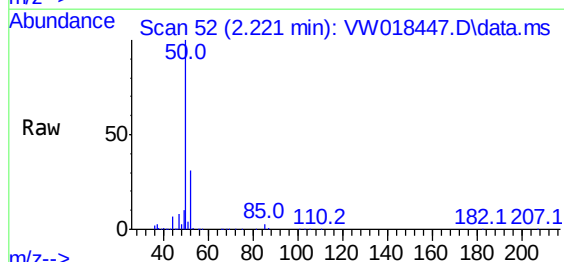
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MSVOA_W
ClientSampleId :
VSTD02513

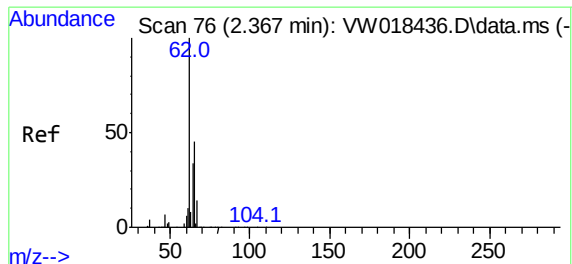
Tgt Ion: 85 Resp: 113483
Ion Ratio Lower Upper
85 100
87 30.3 22.2 41.2



#3
Chloromethane
Concen: 24.09 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 50 Resp: 155774
Ion Ratio Lower Upper
50 100
52 31.4 23.7 43.9

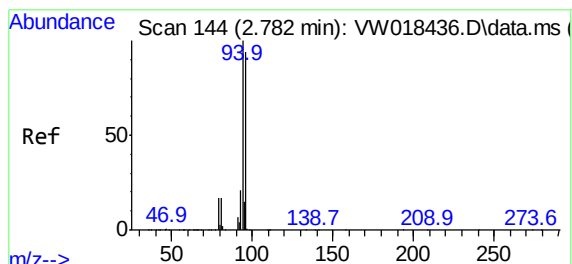
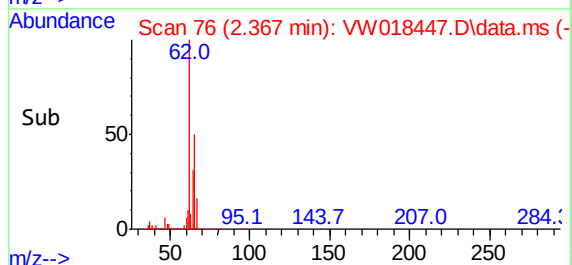
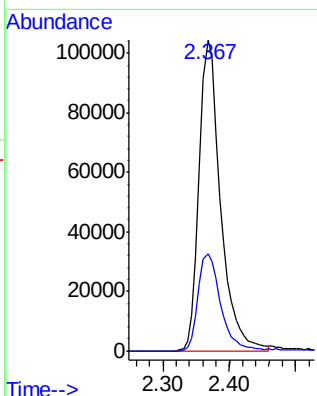
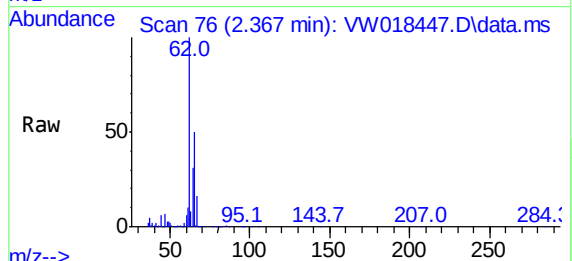




#5
 Vinyl chloride
 Concen: 27.60 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018447.D
 Acq: 24 Mar 2021 17:30

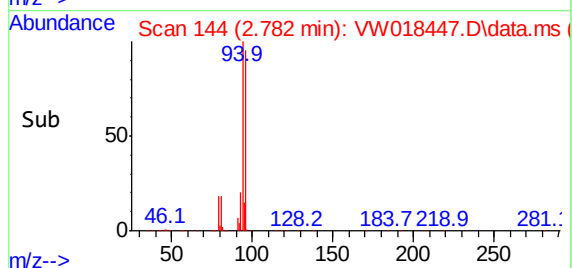
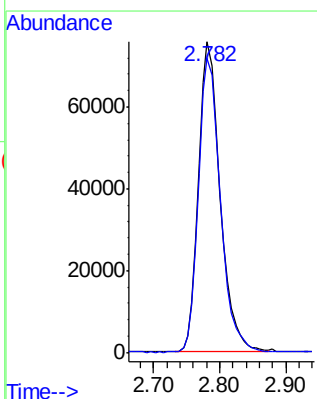
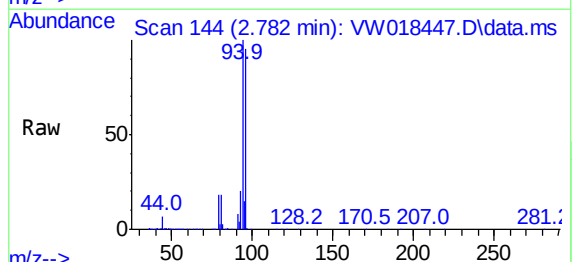
Instrument :
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 ClientSampled :
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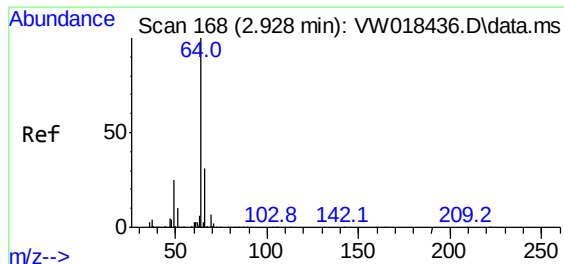
Tgt Ion: 62 Resp: 234364
 Ion Ratio Lower Upper
 62 100
 64 31.1 23.5 43.7



#6
 Bromomethane
 Concen: 27.97 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018447.D
 Acq: 24 Mar 2021 17:30

Tgt Ion: 94 Resp: 171517
 Ion Ratio Lower Upper
 94 100
 96 96.6 9.4 179.4

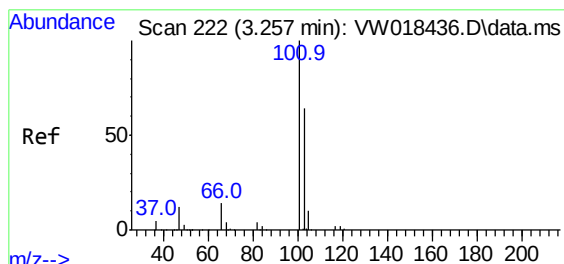
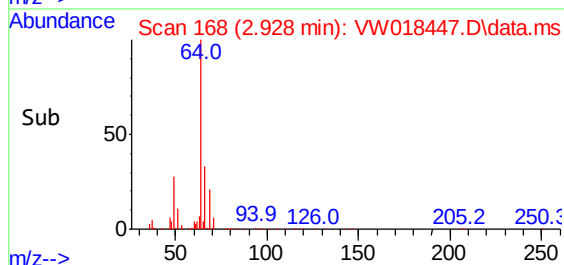
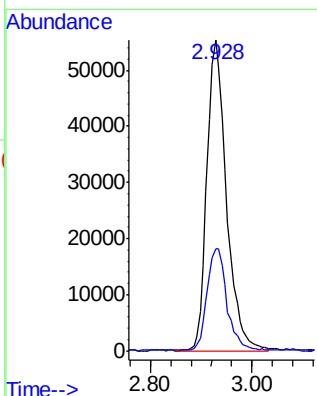
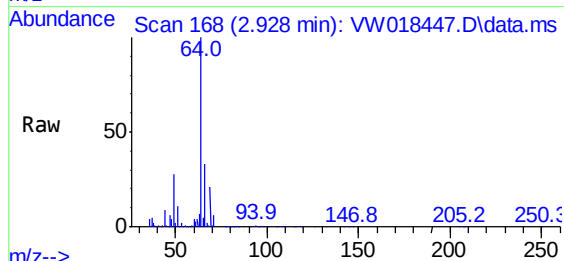




#8
Chloroethane
Concen: 27.86 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

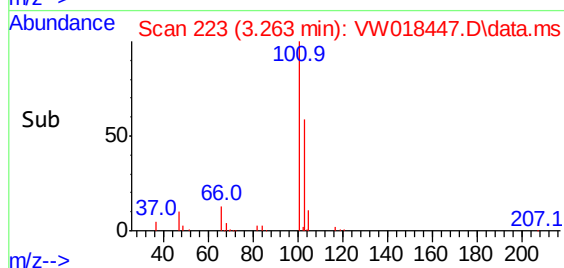
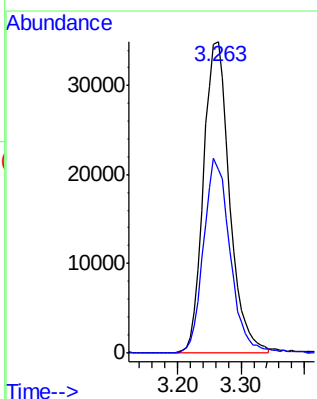
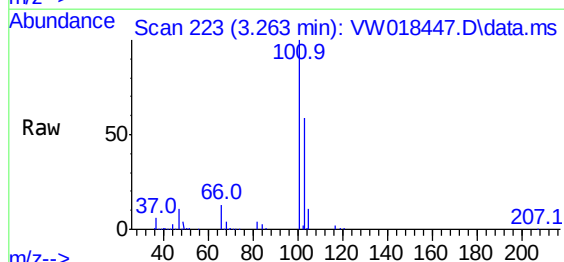
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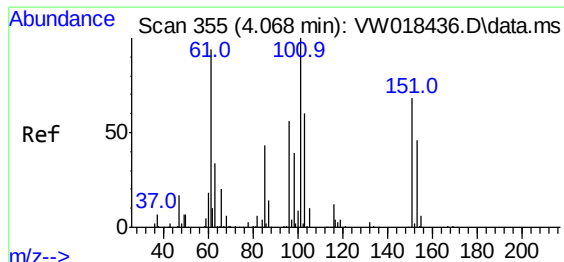
Tgt Ion: 64 Resp: 147546
Ion Ratio Lower Upper
64 100
66 32.9 21.6 40.0



#9
Trichlorofluoromethane
Concen: 22.47 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion:101 Resp: 96007
Ion Ratio Lower Upper
101 100
103 63.3 45.6 84.8

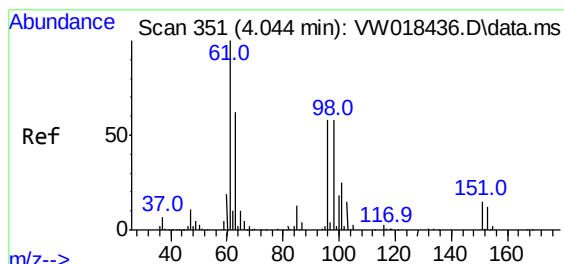
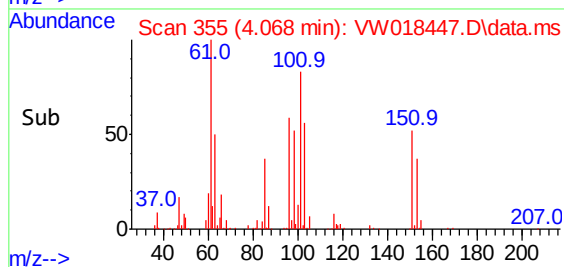
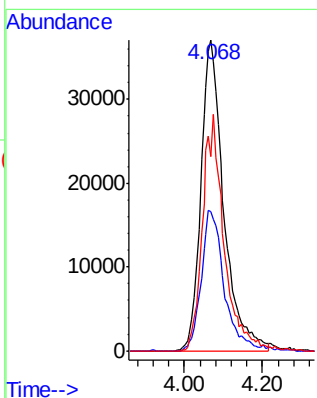
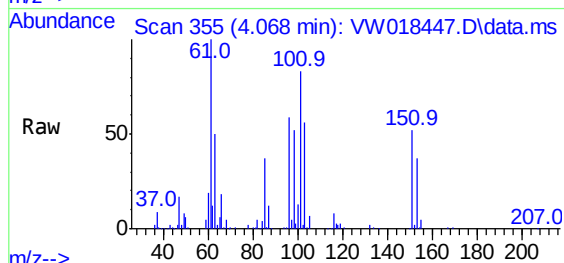




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.28 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018447.D
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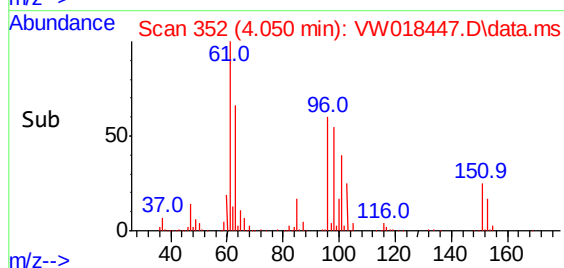
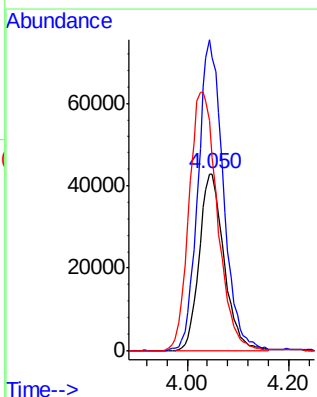
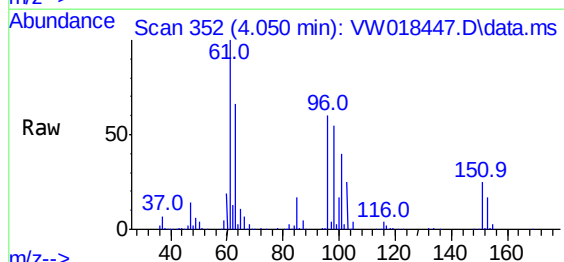
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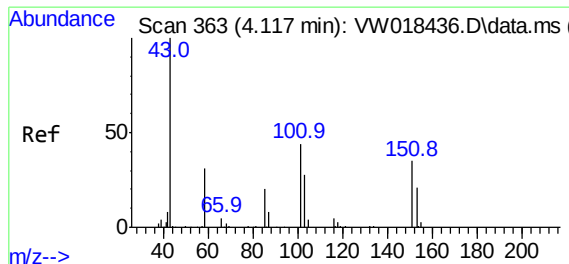
Tgt Ion:101 Resp: 149863
 Ion Ratio Lower Upper
 101 100
 85 45.1 35.6 53.4
 151 31.1 58.1 87.1#



#12
 1,1-Dichloroethene
 Concen: 25.74 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.006 min
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Tgt Ion: 96 Resp: 144306
 Ion Ratio Lower Upper
 96 100
 61 166.0 118.6 220.2
 63 109.1 82.4 153.0

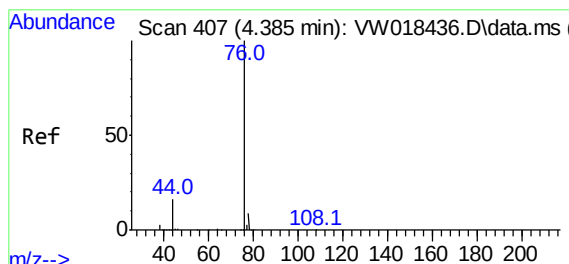
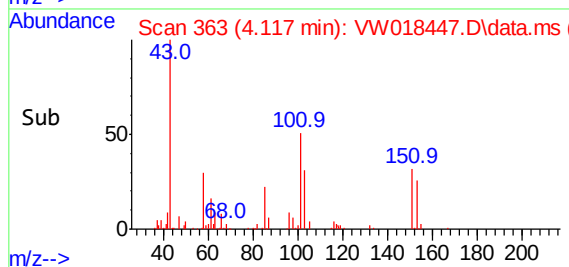
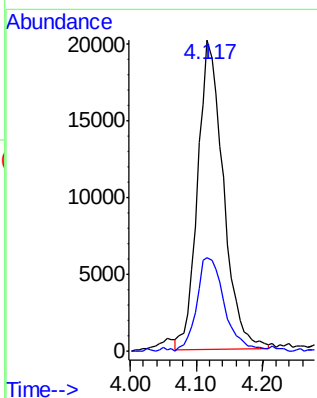
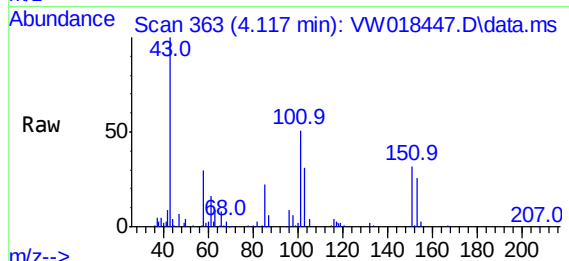




#13
Acetone
Concen: 54.40 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

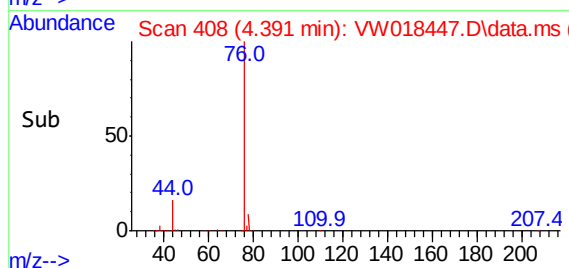
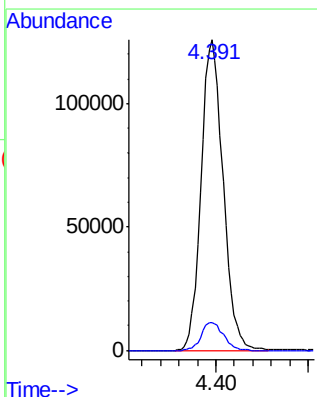
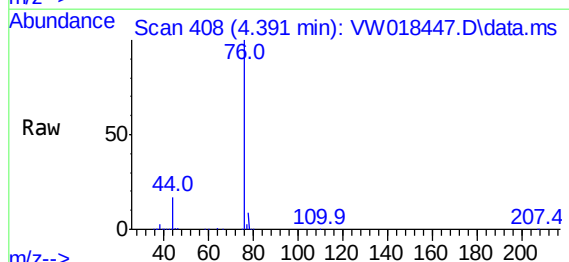
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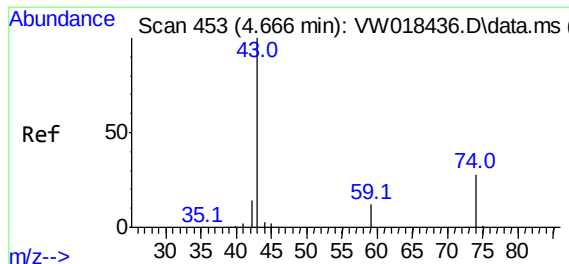
Tgt Ion: 43 Resp: 54078
Ion Ratio Lower Upper
43 100
58 32.3 0.0 62.2



#14
Carbon disulfide
Concen: 24.61 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 415463
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2

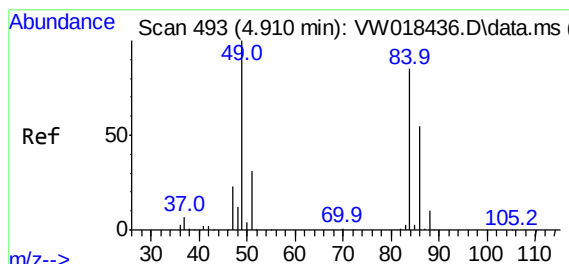
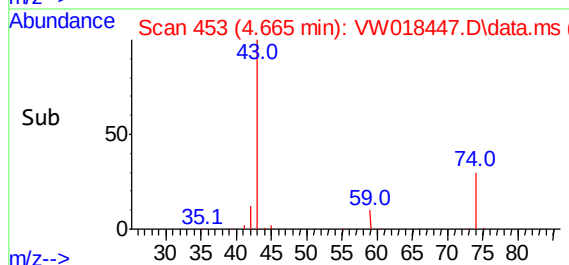
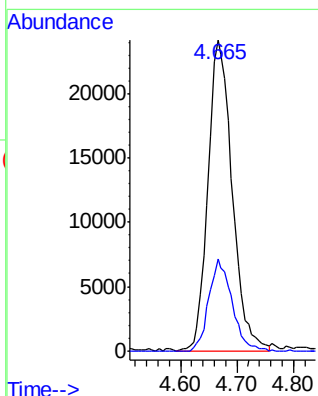
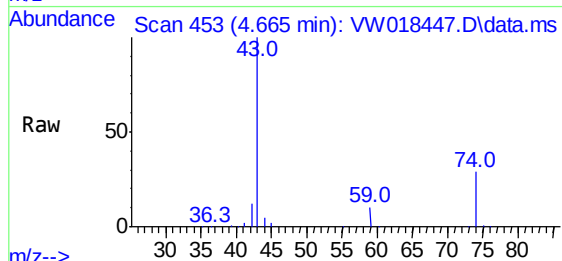




#15
Methyl Acetate
Concen: 31.41 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

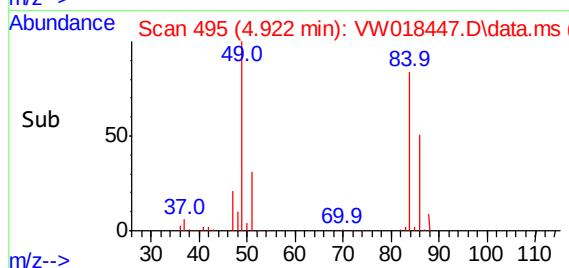
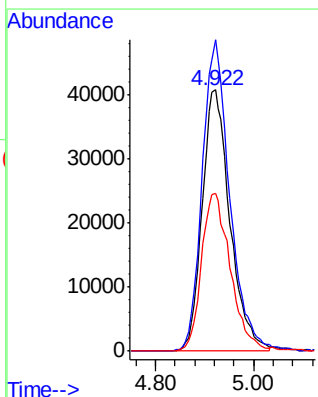
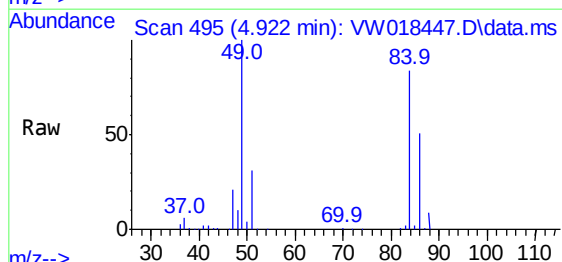
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

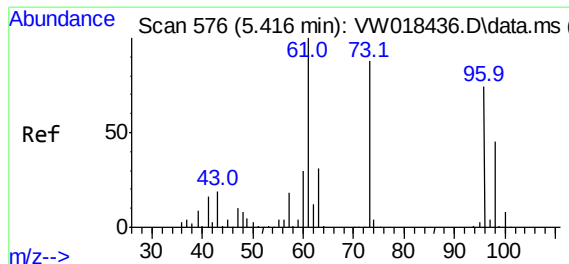
Tgt Ion: 43 Resp: 71425
Ion Ratio Lower Upper
43 100
74 27.8 22.9 34.3



#16
Methylene chloride
Concen: 21.67 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 84 Resp: 158778
Ion Ratio Lower Upper
84 100
49 119.3 74.4 138.2
86 60.3 46.1 85.7



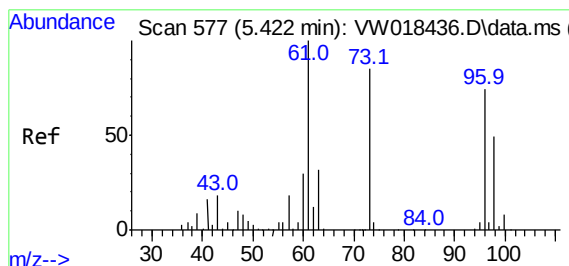
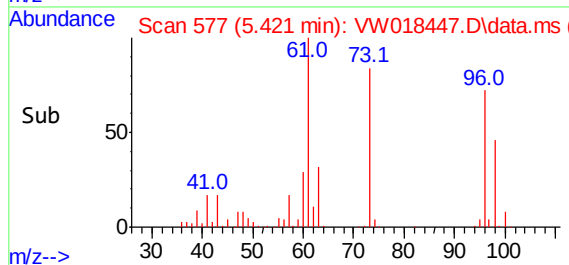
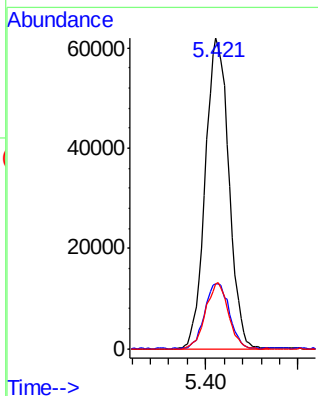
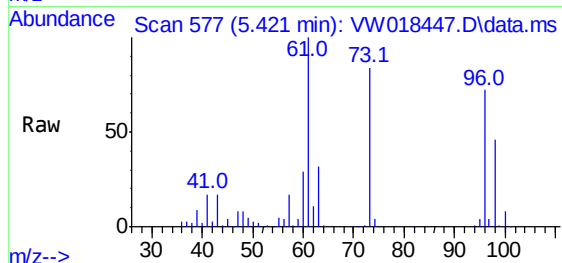


#17
Methyl tert-butyl Ether
Concen: 26.79 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

Tgt Ion: 73 Resp: 219412

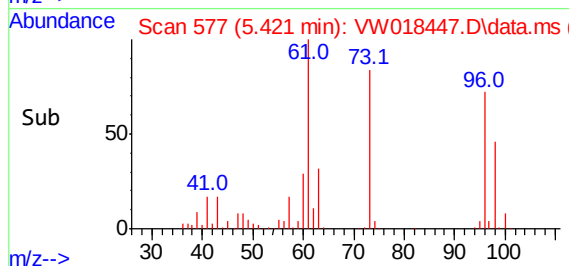
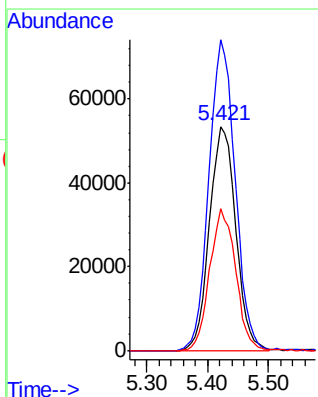
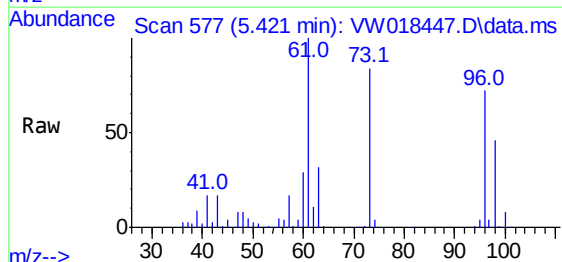
Ion	Ratio	Lower	Upper
73	100		
43	21.9	16.6	24.8
57	20.4	15.9	23.9

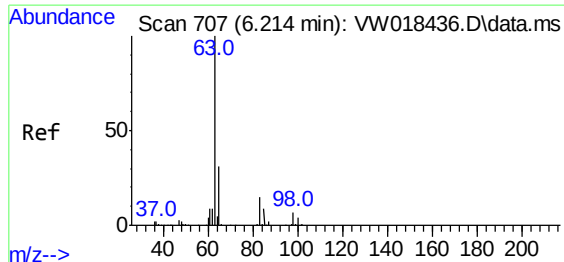


#18
trans-1,2-Dichloroethene
Concen: 25.65 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 96 Resp: 158747

Ion	Ratio	Lower	Upper
96	100		
61	138.6	93.3	173.3
98	63.1	45.2	84.0



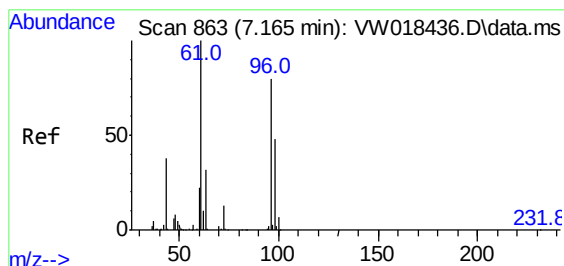
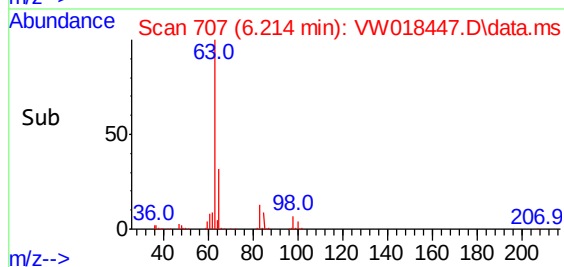
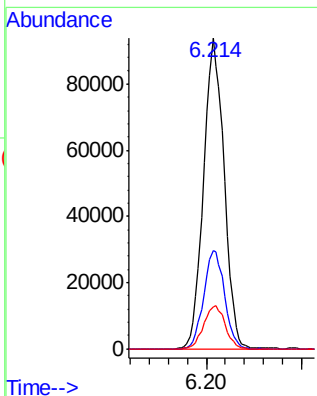
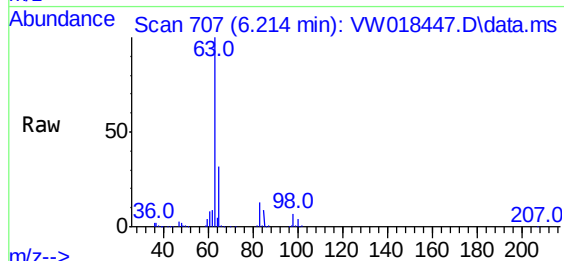


#19
1,1-Dichloroethane
Concen: 26.44 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

Tgt Ion: 63 Resp: 279275

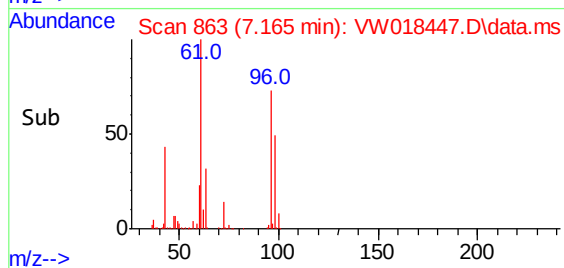
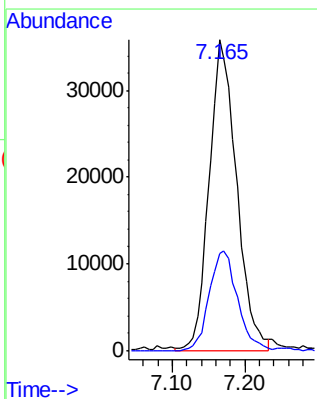
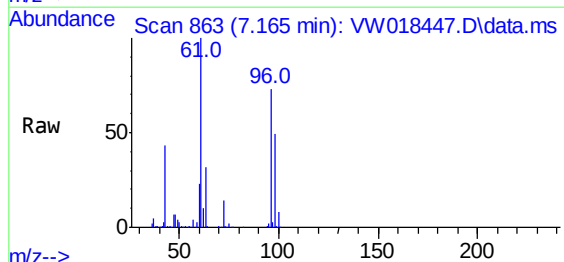
Ion	Ratio	Lower	Upper
63	100		
65	31.6	23.5	43.7
83	13.4	10.3	19.1

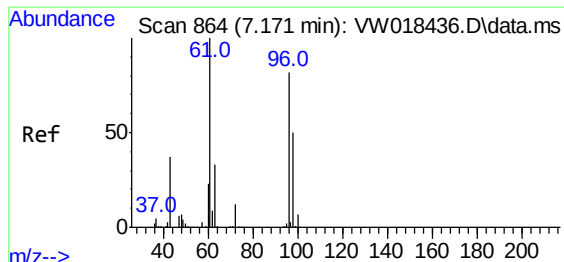


#21
2-Butanone
Concen: 59.16 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 43 Resp: 93431

Ion	Ratio	Lower	Upper
43	100		
72	32.7	16.5	49.5

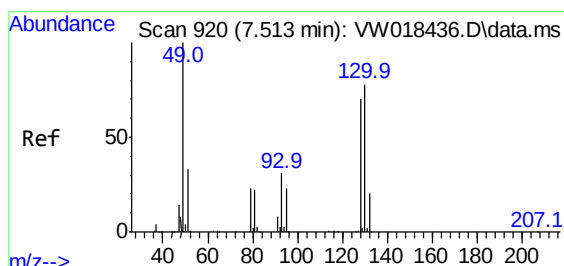
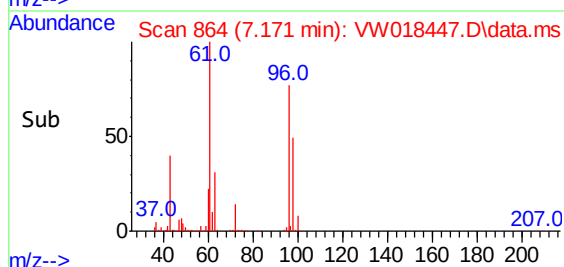
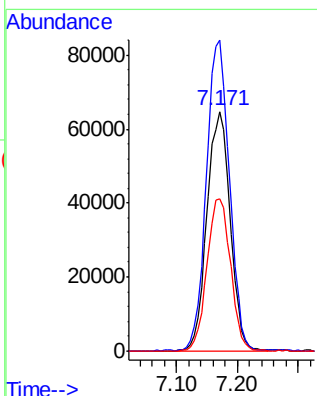
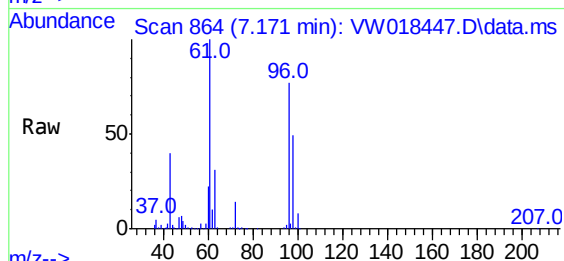




#22
cis-1,2-Dichloroethene
Concen: 26.06 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

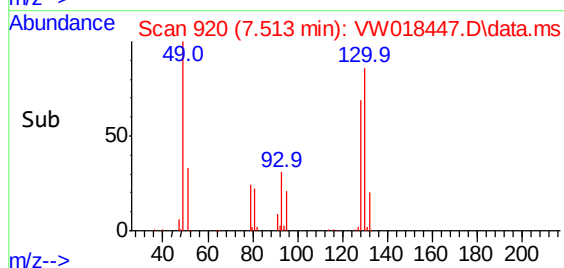
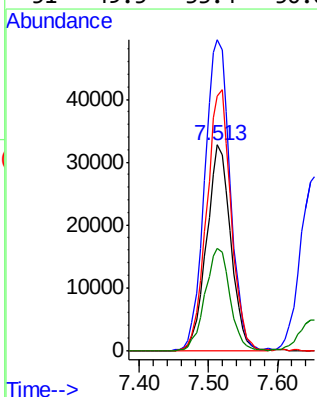
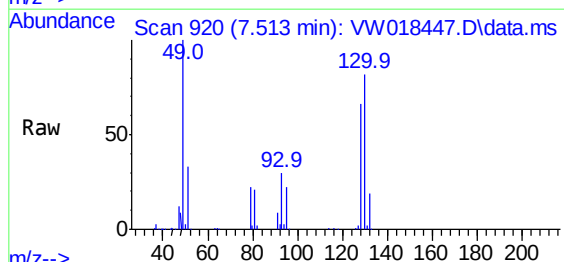
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

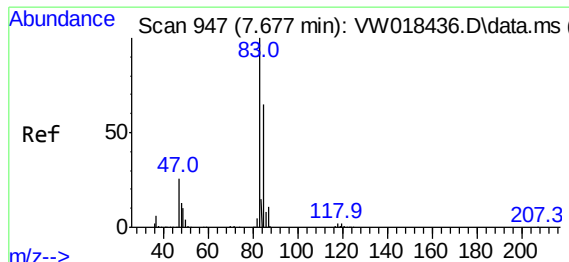
Tgt Ion: 96 Resp: 169674
Ion Ratio Lower Upper
96 100
61 129.9 84.8 157.6
98 63.4 45.1 83.9



#23
Bromochloromethane
Concen: 27.36 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 128 Resp: 78836
Ion Ratio Lower Upper
128 100
49 151.3 92.4 171.6
130 123.9 83.9 155.7
51 49.5 33.4 50.0

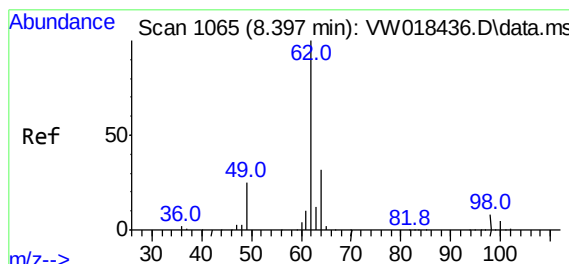
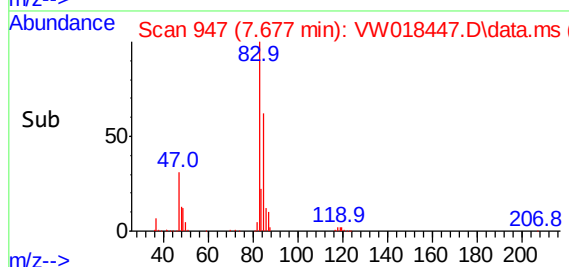
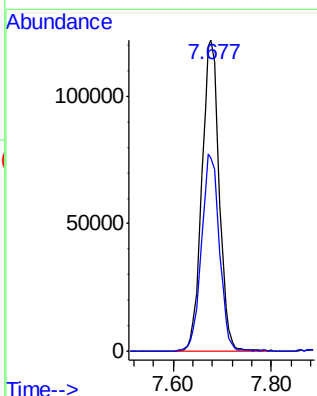
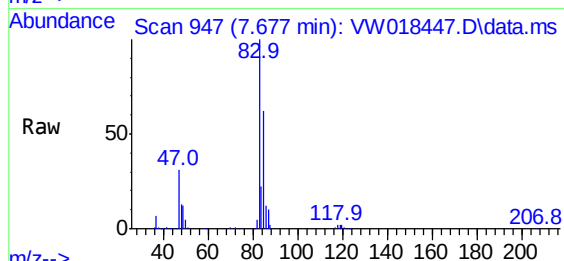




#25
Chloroform
Concen: 26.58 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

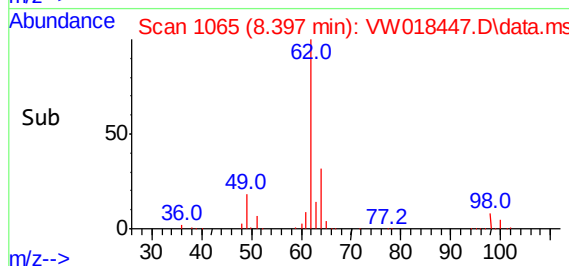
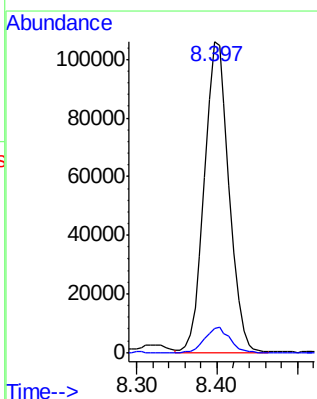
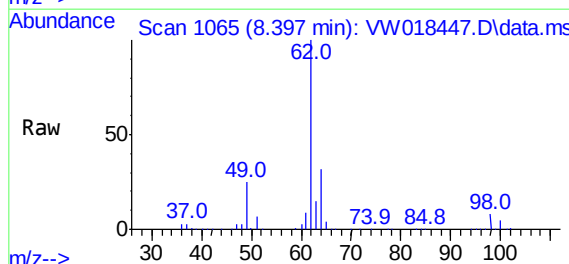
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

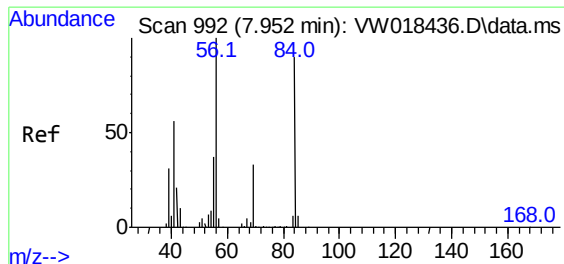
Tgt Ion: 83 Resp: 297926
Ion Ratio Lower Upper
83 100
85 65.3 46.4 86.2



#27
1,2-Dichloroethane
Concen: 28.55 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 62 Resp: 227073
Ion Ratio Lower Upper
62 100
98 7.9 6.4 9.6

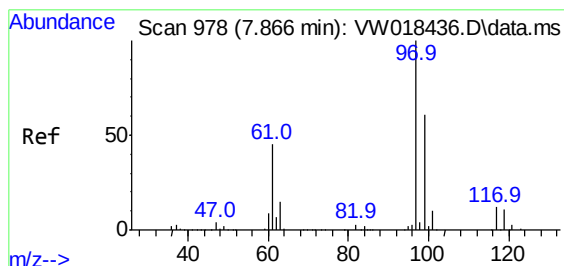
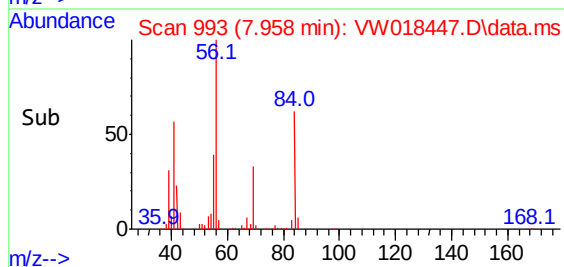
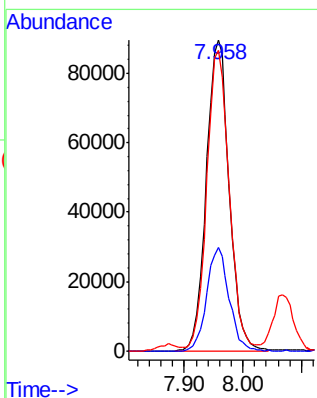
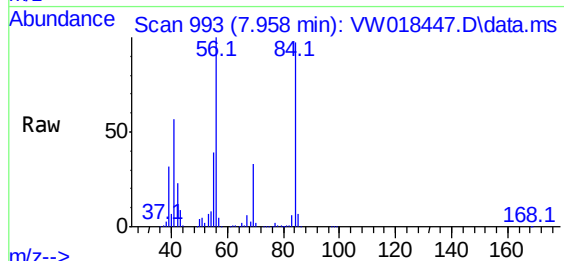




#30
Cyclohexane
Concen: 24.39 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

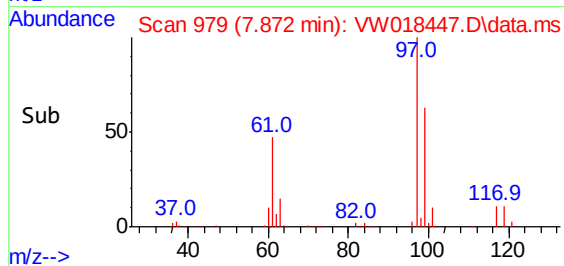
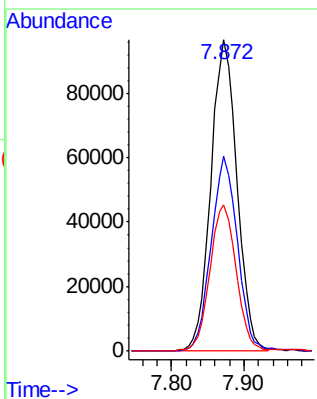
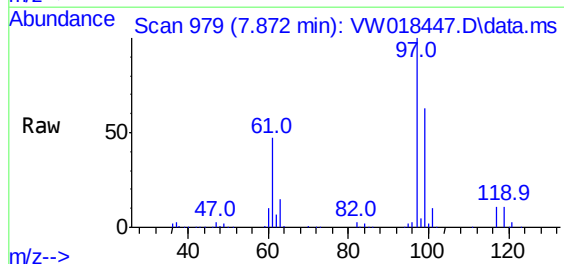
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

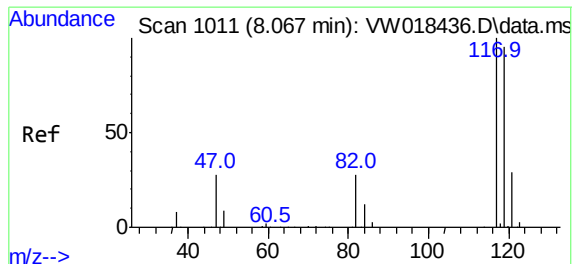
Tgt Ion: 56 Resp: 241873
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.6
84 95.1 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 25.63 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 97 Resp: 239300
Ion Ratio Lower Upper
97 100
99 62.4 51.7 77.5
61 47.0 34.8 52.2

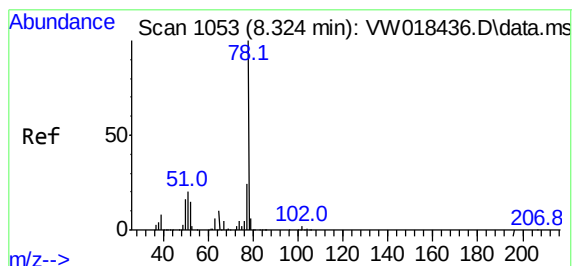
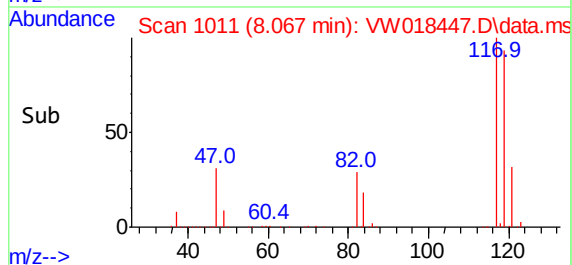
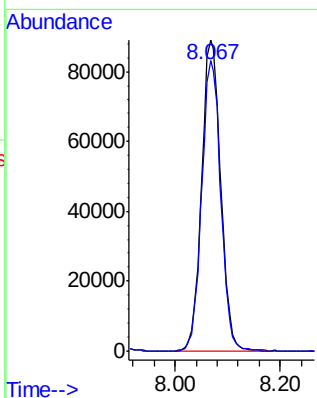
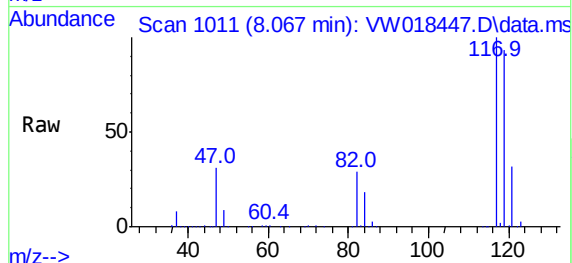




#32
Carbon tetrachloride
Concen: 25.61 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

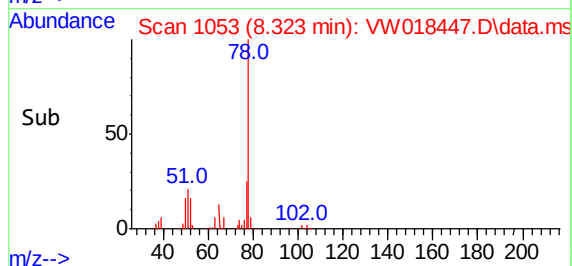
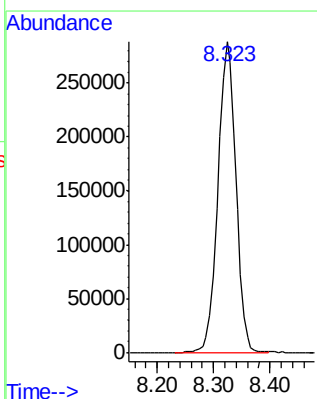
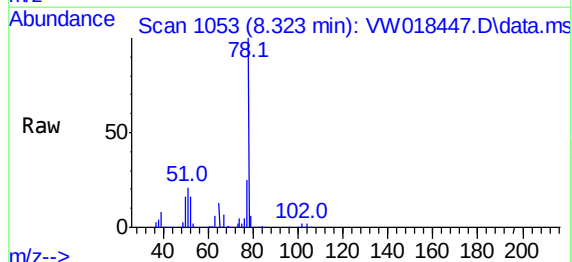
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

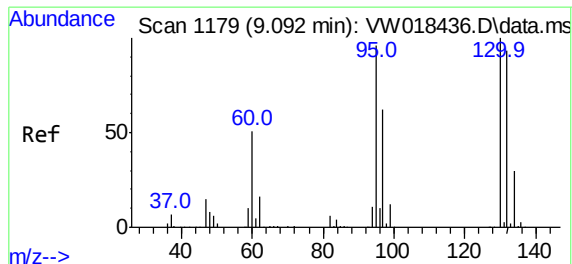
Tgt Ion:117 Resp: 222820
Ion Ratio Lower Upper
117 100
119 93.5 76.7 115.1



#34
Benzene
Concen: 26.35 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

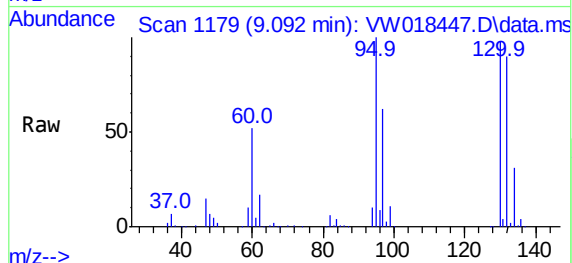
Tgt Ion: 78 Resp: 637542





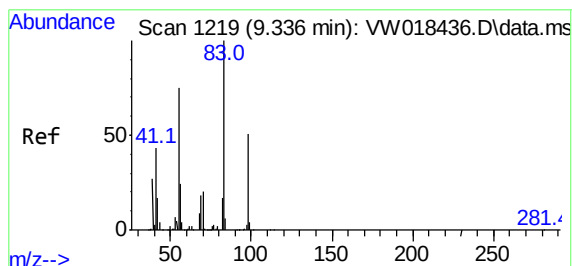
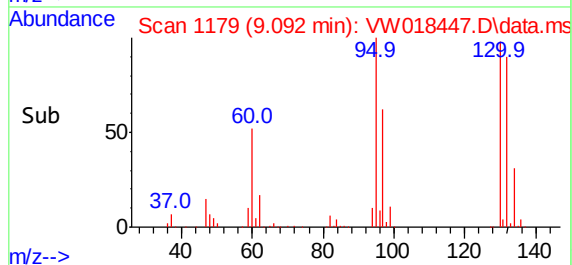
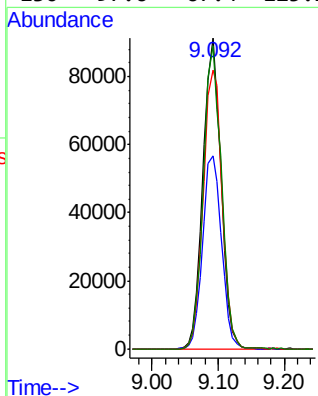
#35
Trichloroethene
Concen: 25.57 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Instrument :
MSVOA_W
ClientSampled :
VSTD02513



Tgt Ion: 95 Resp: 170890

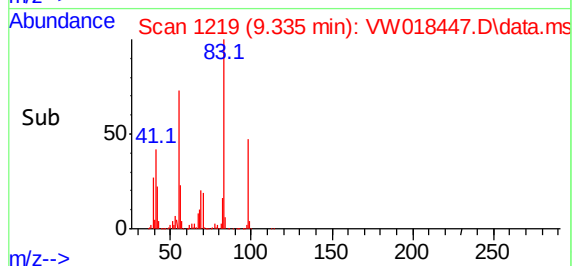
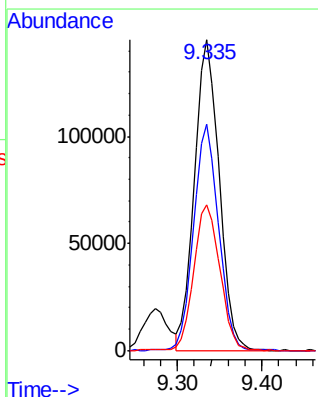
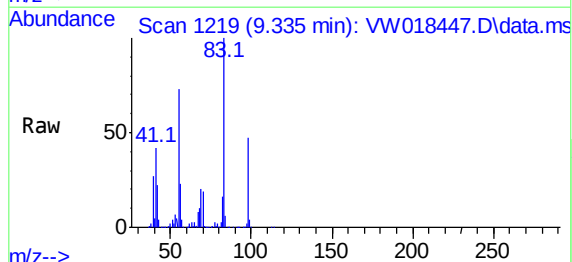
Ion	Ratio	Lower	Upper
95	100		
97	65.2	44.4	82.4
132	94.0	65.9	122.5
130	97.6	67.4	125.2

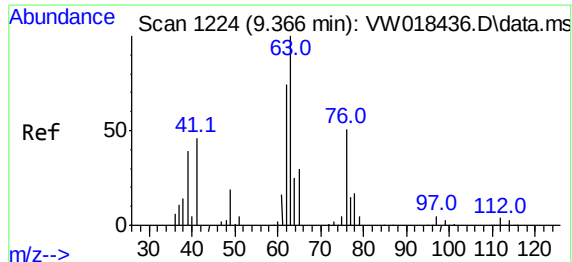


#36
Methylcyclohexane
Concen: 24.58 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 83 Resp: 287712

Ion	Ratio	Lower	Upper
83	100		
55	73.4	56.8	85.2
98	49.3	40.6	61.0

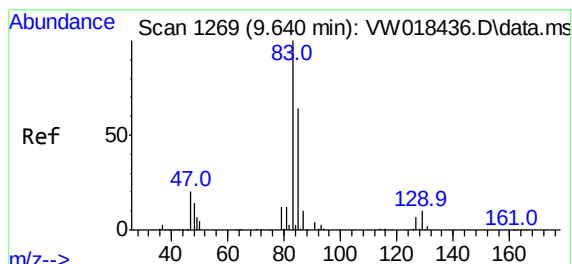
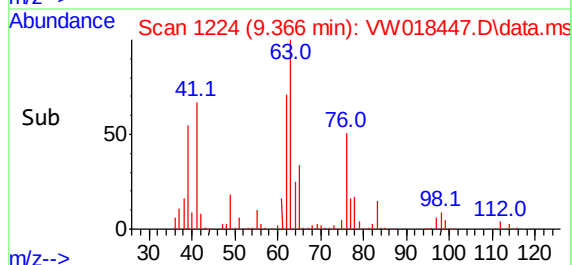
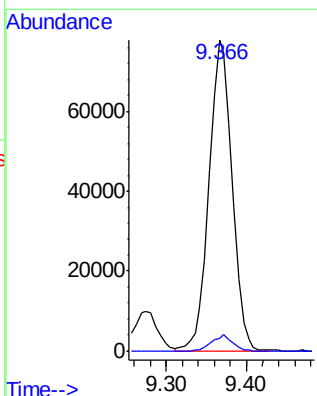
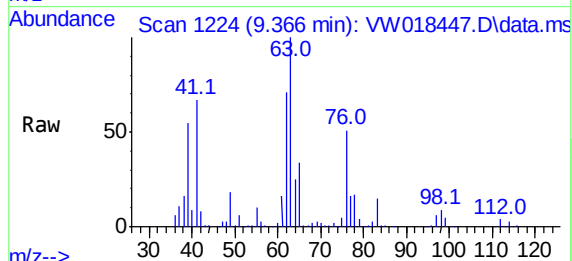




#40
1,2-Dichloropropane
Concen: 26.38 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

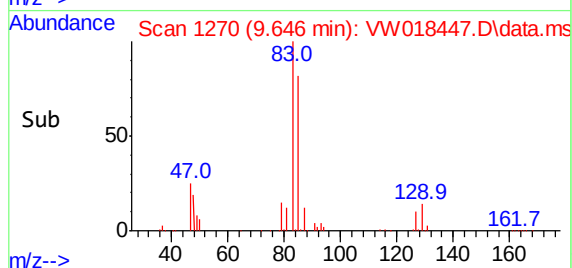
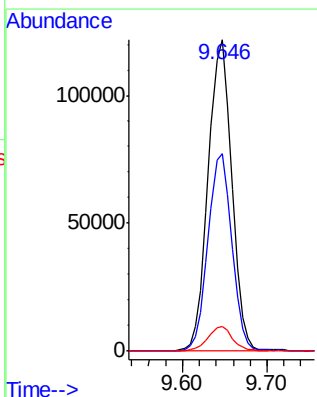
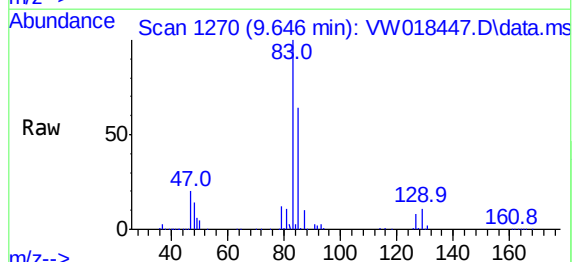
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

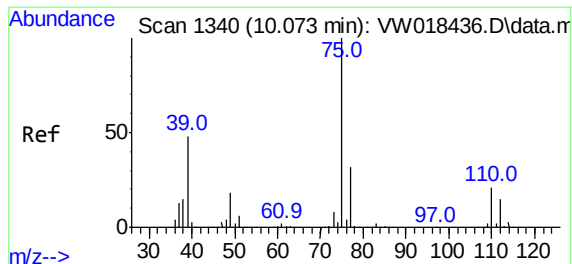
Tgt Ion: 63 Resp: 156112
Ion Ratio Lower Upper
63 100
112 4.5 4.2 6.4



#41
Bromodichloromethane
Concen: 27.36 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 83 Resp: 228854
Ion Ratio Lower Upper
83 100
85 63.5 43.8 81.4
127 8.4 6.9 10.3

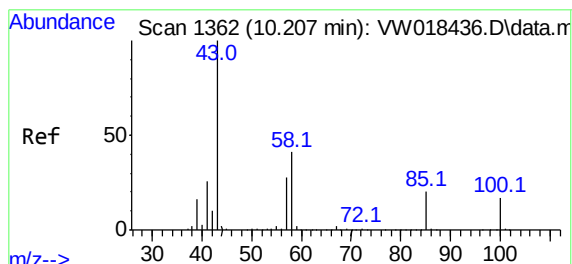
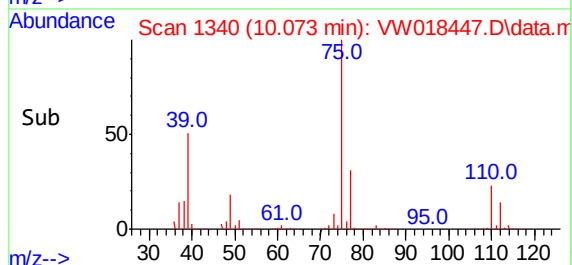
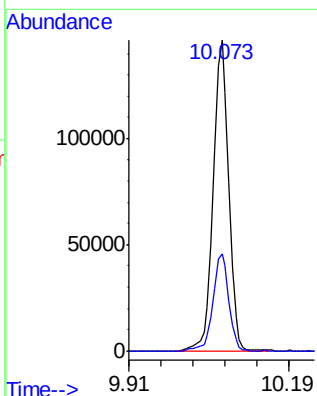
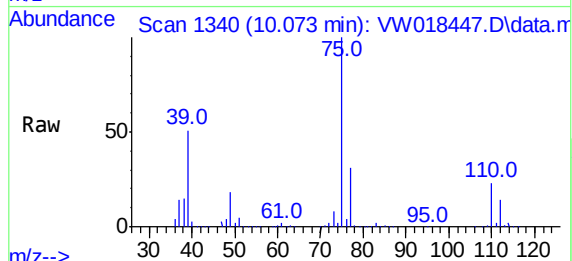




#42
cis-1,3-Dichloropropene
Concen: 26.79 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

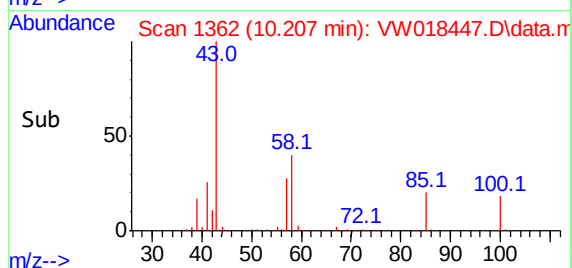
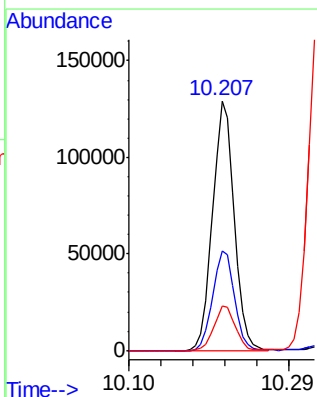
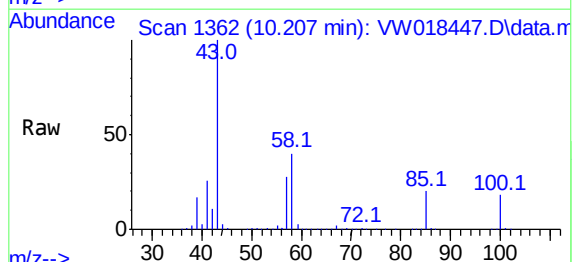
Instrument :
MSVOA_W
ClientSampled :
VSTD02513

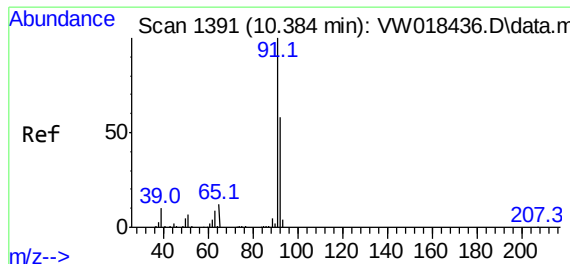
Tgt Ion: 75 Resp: 268163
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 62.60 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 43 Resp: 222796
Ion Ratio Lower Upper
43 100
58 40.4 34.8 52.2
100 17.7 15.9 23.9





#44

Toluene

Concen: 26.52 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018447.D

Acq: 24 Mar 2021 17:30

Tgt Ion: 91 Resp: 729330

Ion Ratio Lower Upper

91 100

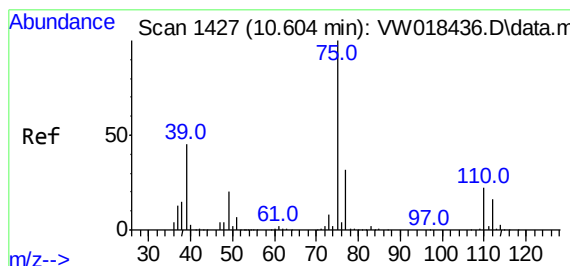
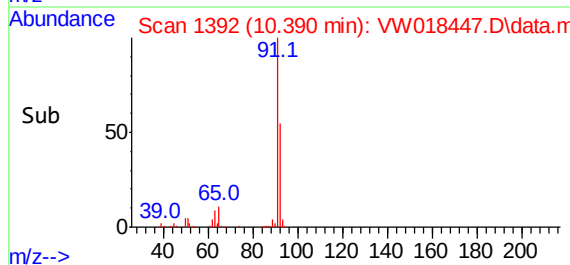
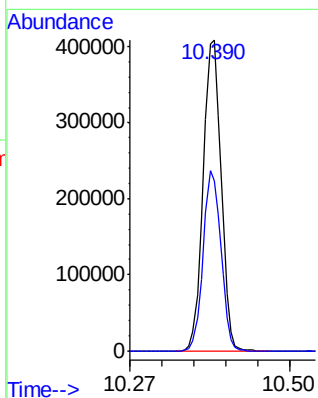
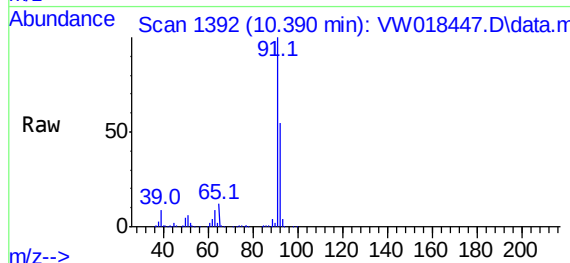
92 54.7 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02513



#45

trans-1,3-Dichloropropene

Concen: 27.83 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018447.D

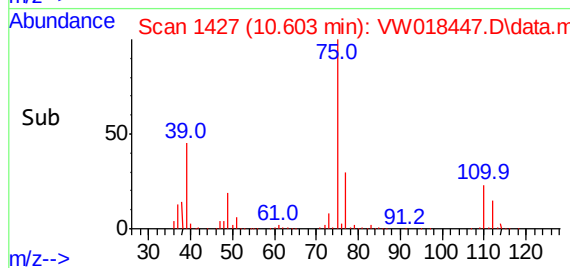
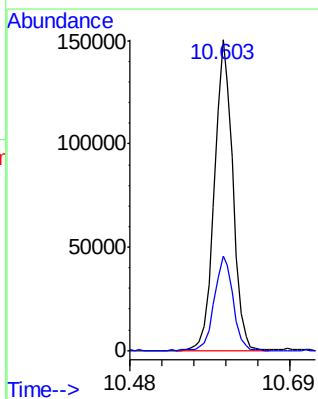
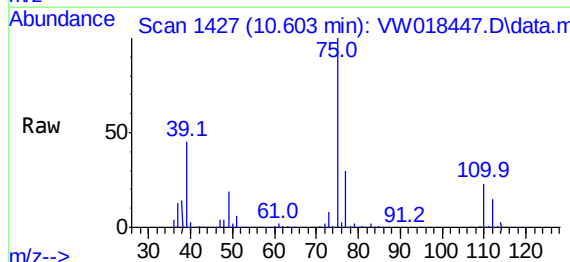
Acq: 24 Mar 2021 17:30

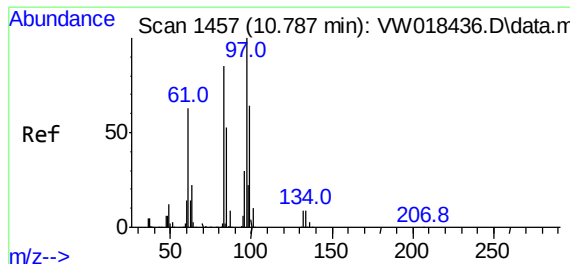
Tgt Ion: 75 Resp: 250083

Ion Ratio Lower Upper

75 100

77 30.3 22.6 42.0



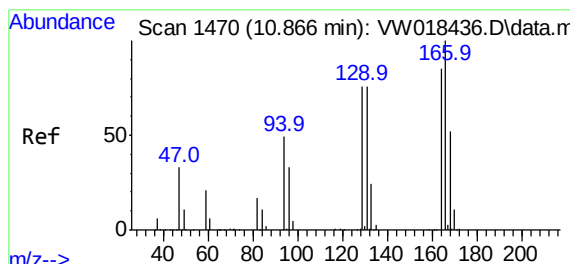
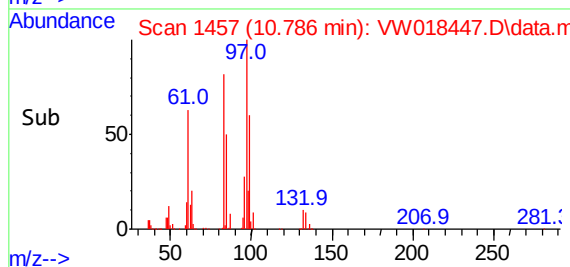
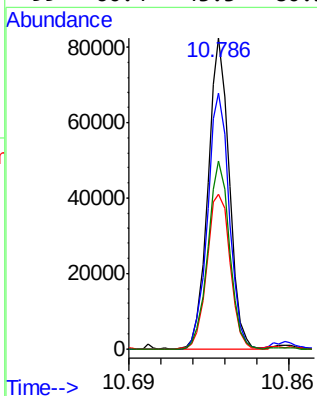
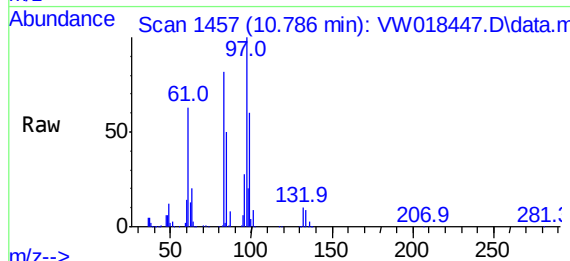


#46
1,1,2-Trichloroethane
Concen: 28.70 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Instrument :
MSVOA_W
ClientSampled :
VSTD02513

Tgt Ion: 97 Resp: 135434

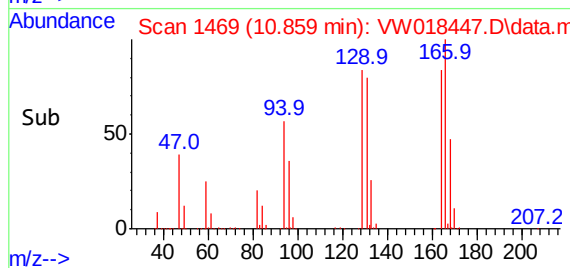
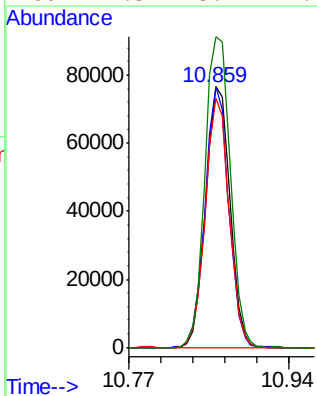
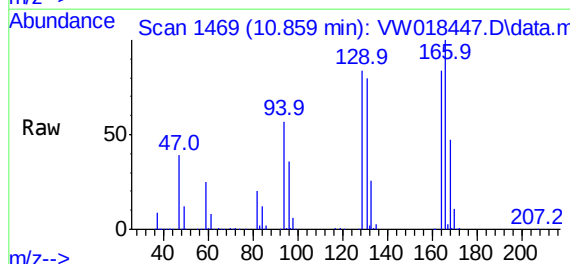
Ion	Ratio	Lower	Upper
97	100		
83	82.1	58.9	109.5
85	49.8	38.4	71.4
99	60.4	43.3	80.3

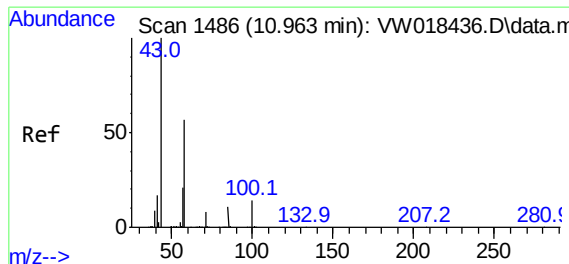


#47
Tetrachloroethene
Concen: 26.40 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 164 Resp: 133977

Ion	Ratio	Lower	Upper
164	100		
129	100.1	68.8	127.8
131	95.8	68.3	126.8
166	119.3	95.4	177.2



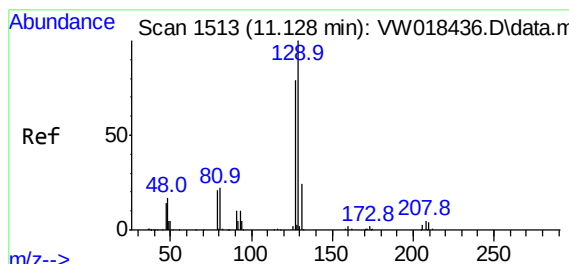
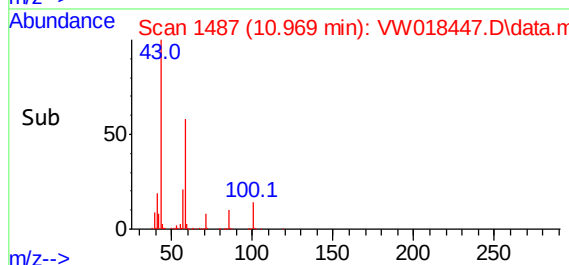
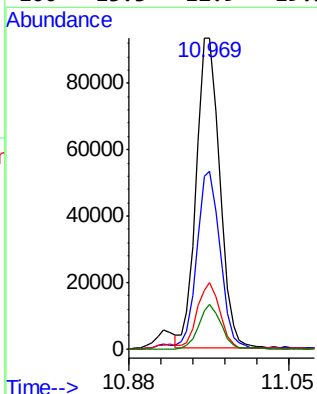
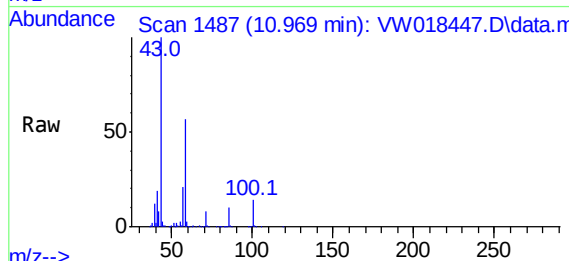


#49
2-Hexanone
Concen: 63.10 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

Tgt Ion: 43 Resp: 158914

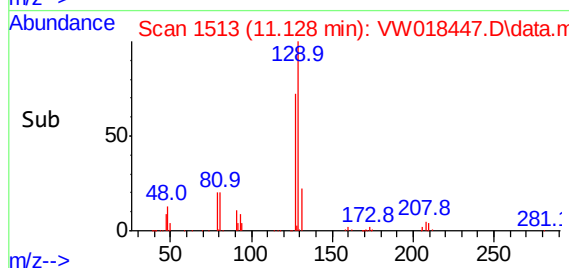
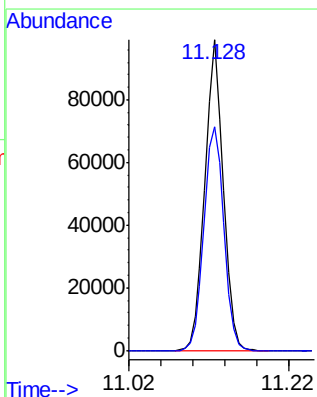
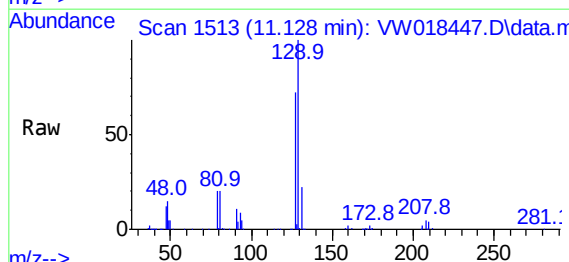
Ion	Ratio	Lower	Upper
43	100		
58	57.1	47.3	70.9
57	20.8	17.3	25.9
100	13.3	12.9	19.3

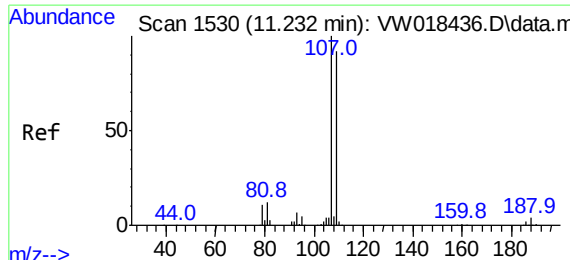


#50
Dibromochloromethane
Concen: 28.44 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 129 Resp: 158238

Ion	Ratio	Lower	Upper
129	100		
127	71.9	58.0	107.6

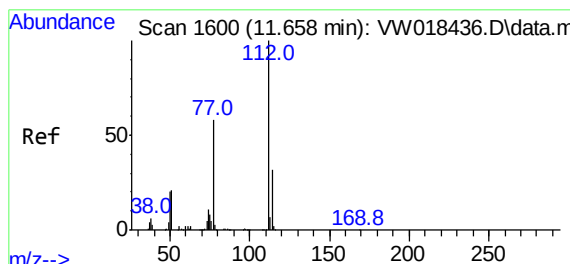
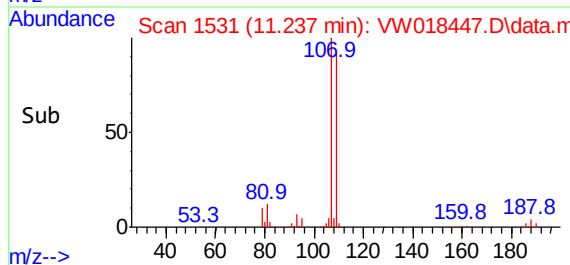
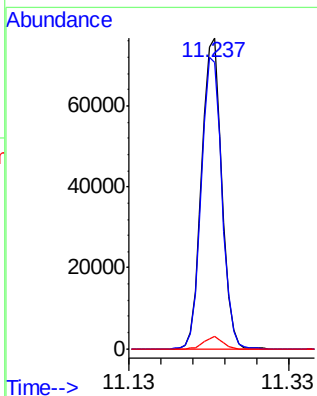
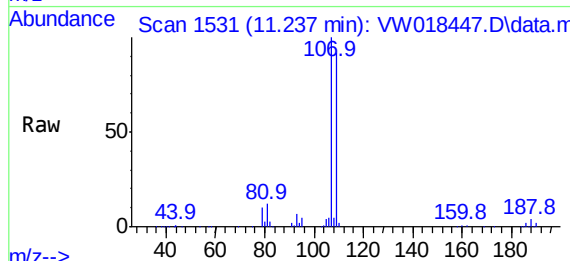




#51
1,2-Dibromoethane
Concen: 28.54 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

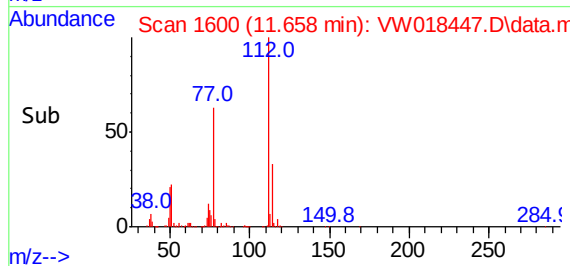
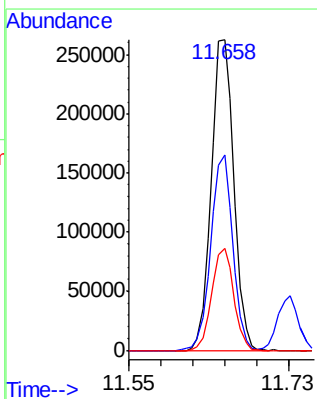
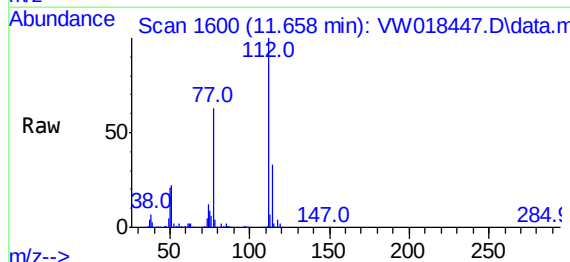
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

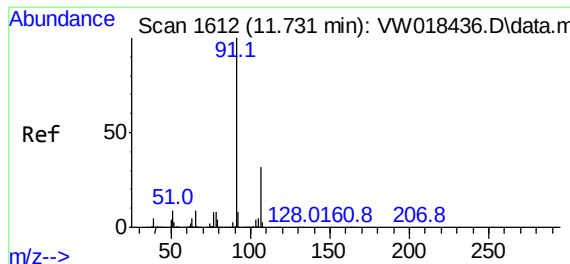
Tgt Ion:107 Resp: 133397
Ion Ratio Lower Upper
107 100
109 92.1 65.9 122.5
188 3.9 3.0 4.4



#52
Chlorobenzene
Concen: 26.31 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion:112 Resp: 458946
Ion Ratio Lower Upper
112 100
77 63.1 45.4 68.2
114 33.0 22.5 41.9

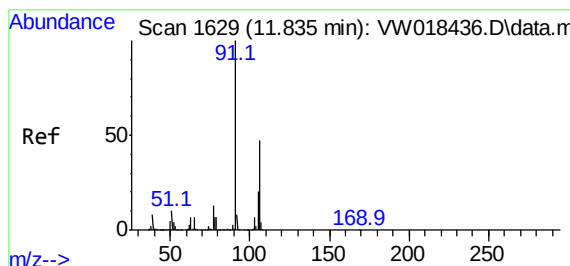
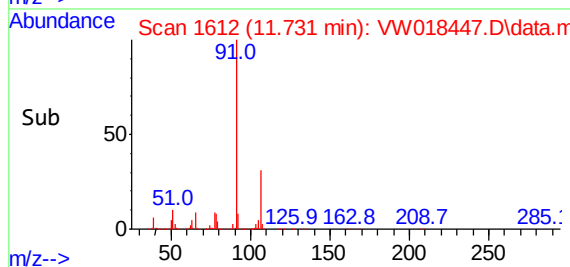
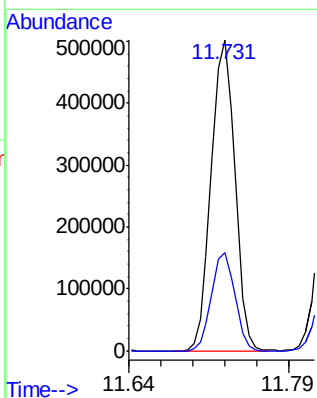
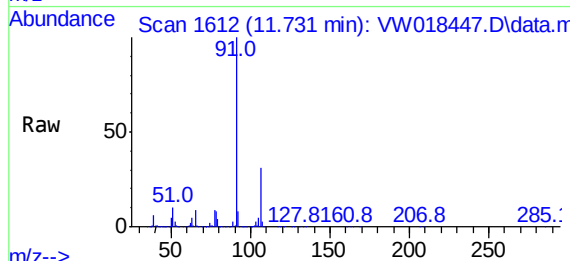




#53
Ethylbenzene
Concen: 26.15 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

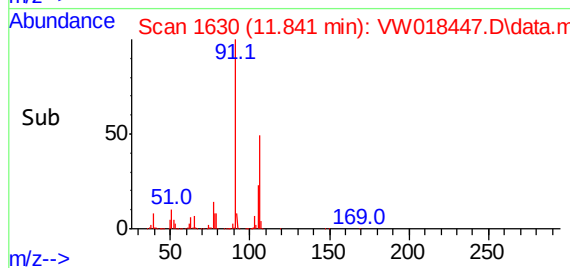
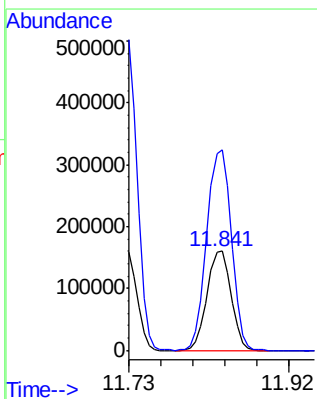
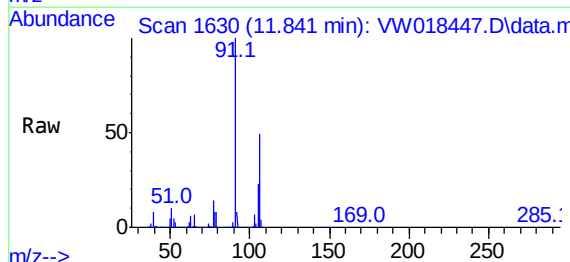
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

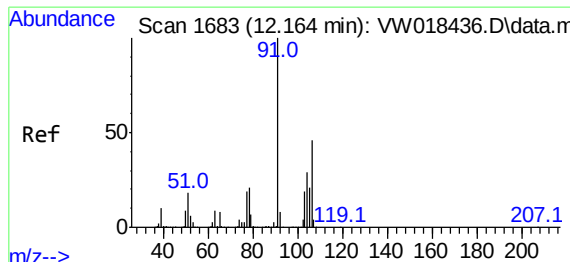
Tgt Ion: 91 Resp: 810991
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#54
m,p-Xylene
Concen: 25.80 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 106 Resp: 305771
Ion Ratio Lower Upper
106 100
91 202.7 145.3 269.8

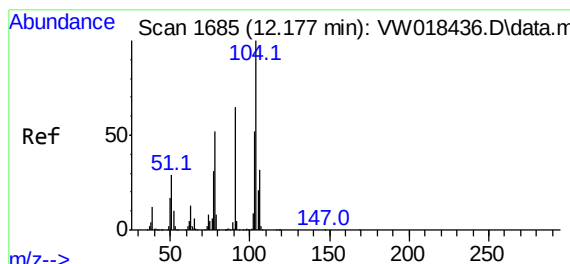
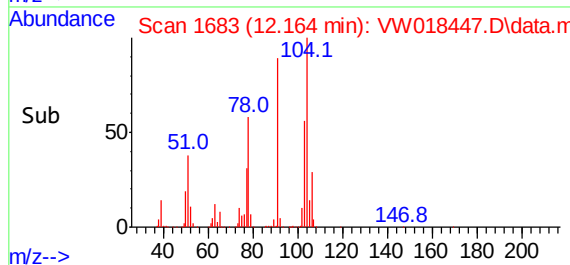
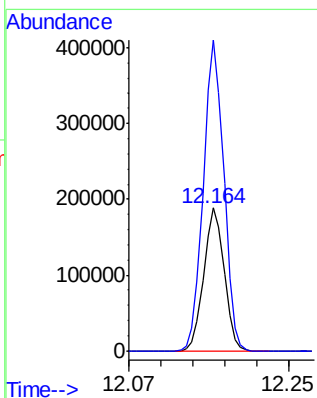
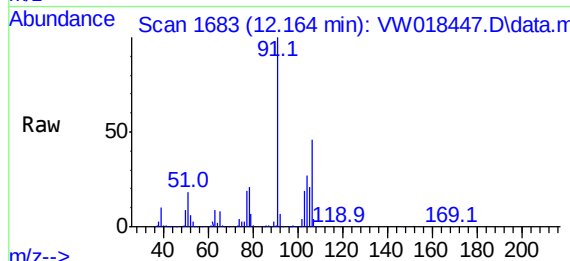




#55
o-xylene
Concen: 26.47 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

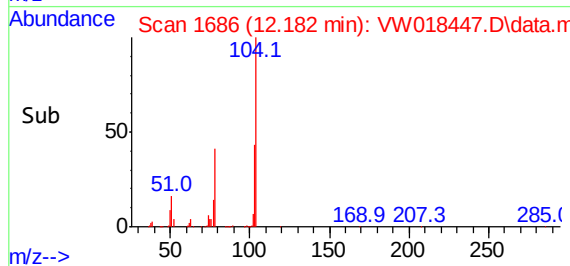
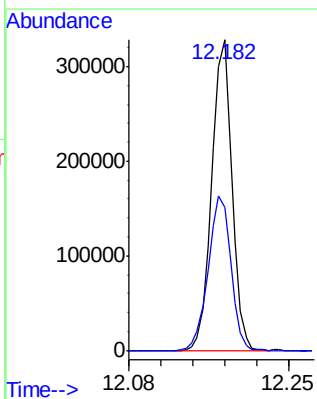
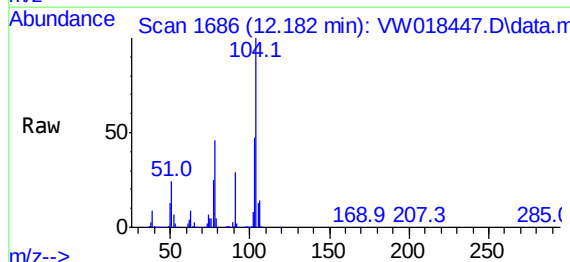
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

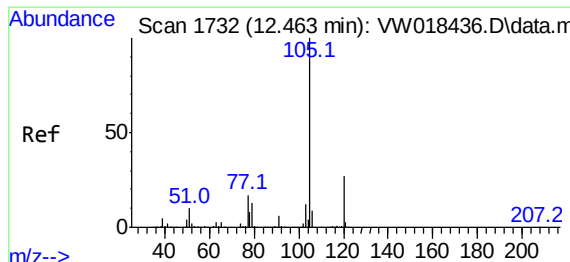
Tgt Ion:106 Resp: 299022
Ion Ratio Lower Upper
106 100
91 217.5 154.3 286.5



#56
Styrene
Concen: 26.83 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion:104 Resp: 516773
Ion Ratio Lower Upper
104 100
78 46.0 34.7 64.5

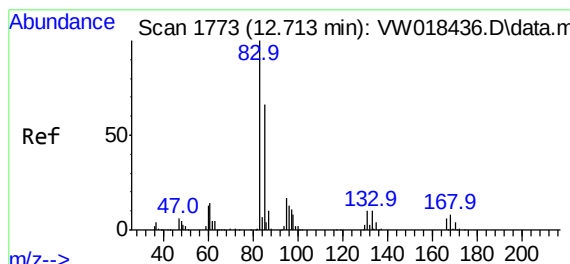
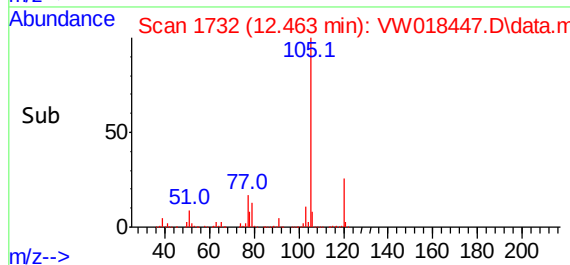
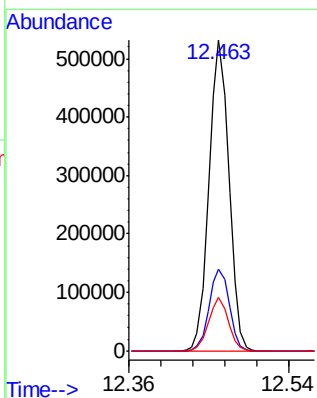
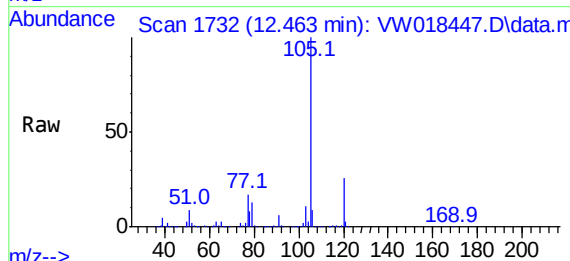




#57
Isopropylbenzene
Concen: 26.78 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

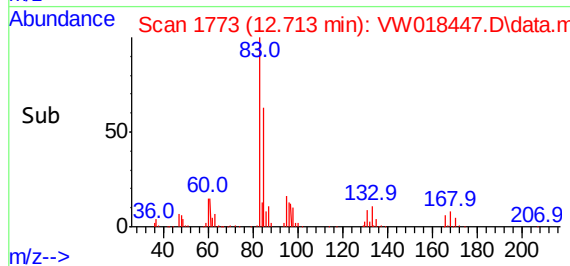
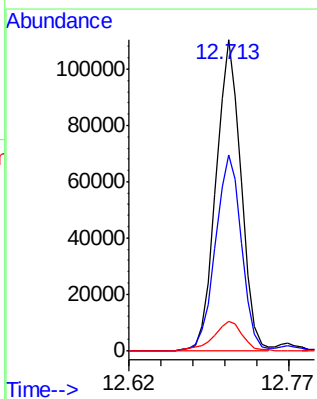
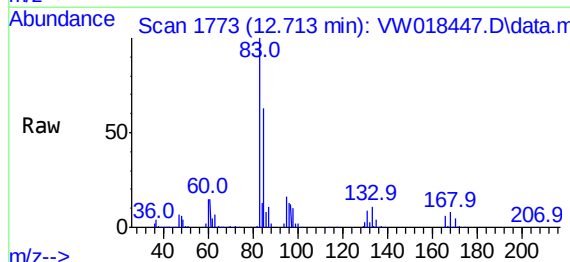
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

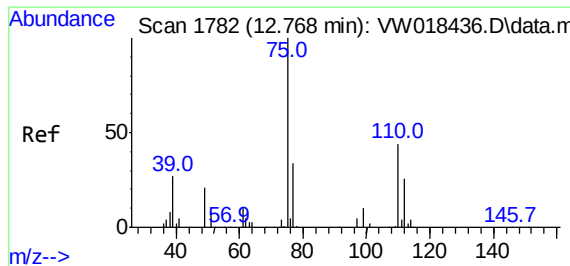
Tgt Ion: 105 Resp: 822685
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.8 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 30.70 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 83 Resp: 175343
Ion Ratio Lower Upper
83 100
85 63.1 49.0 91.0
131 9.4 8.7 13.1

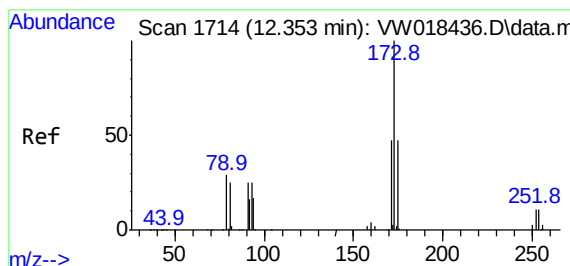
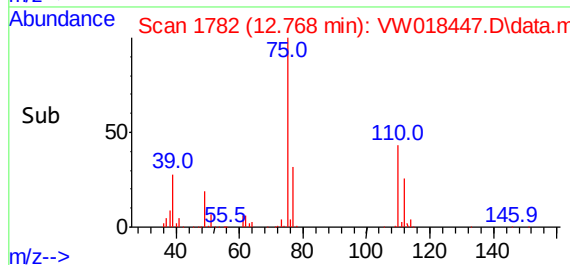
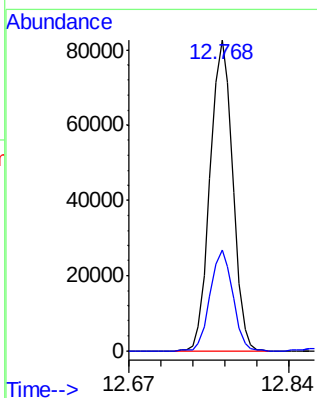
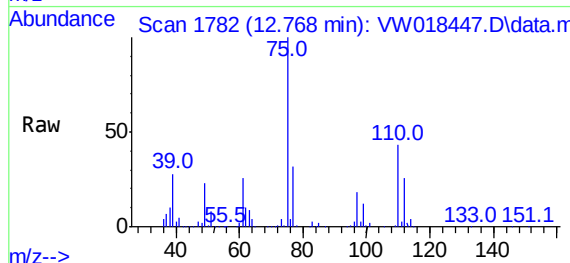




#59
1,2,3-Trichloropropane
Concen: 31.14 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

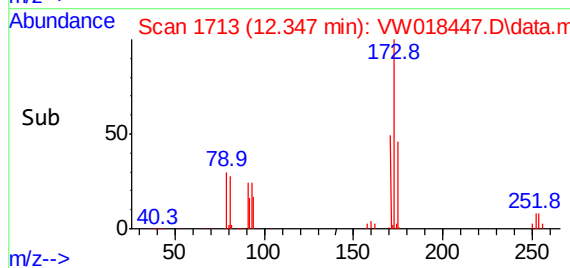
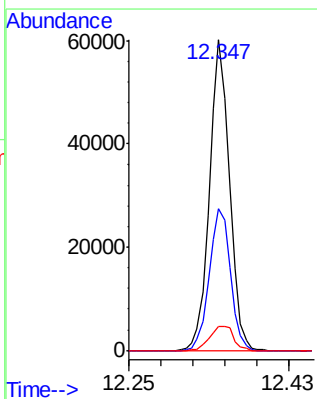
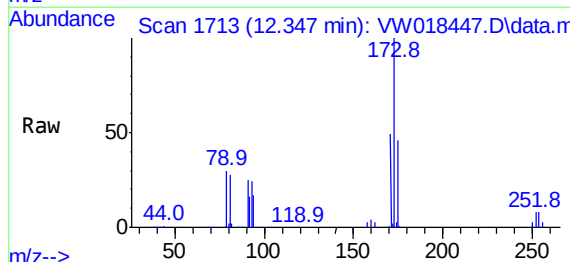
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

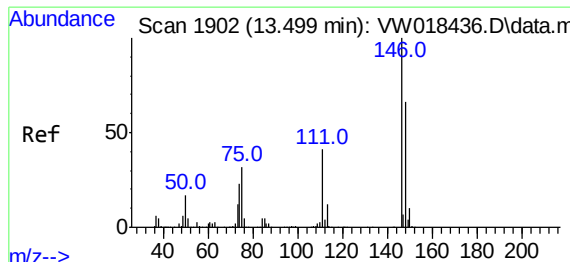
Tgt Ion: 75 Resp: 134293
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#62
Bromoform
Concen: 28.74 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 173 Resp: 93057
Ion Ratio Lower Upper
173 100
175 48.4 38.2 57.2
254 9.2 6.0 9.0#

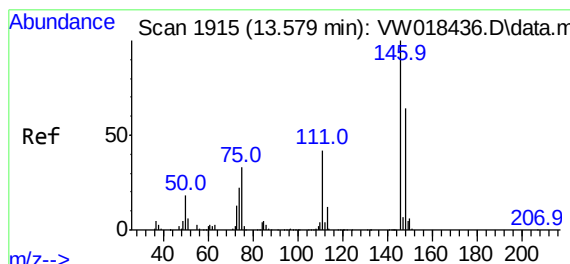
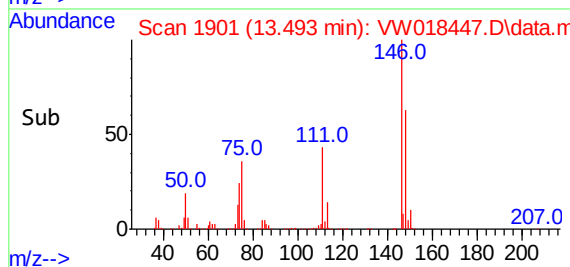
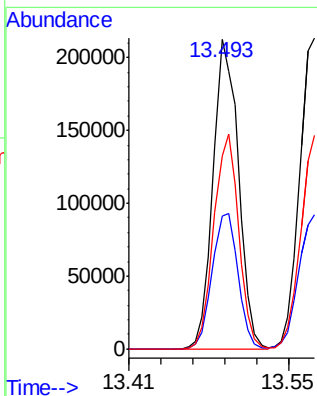
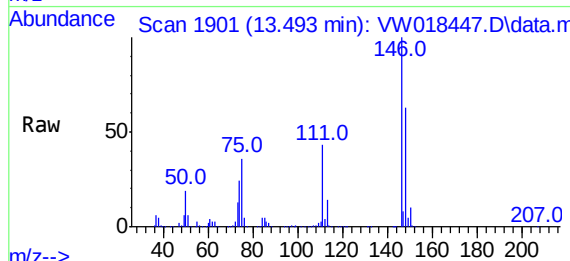




#63
1,3-Dichlorobenzene
Concen: 25.43 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

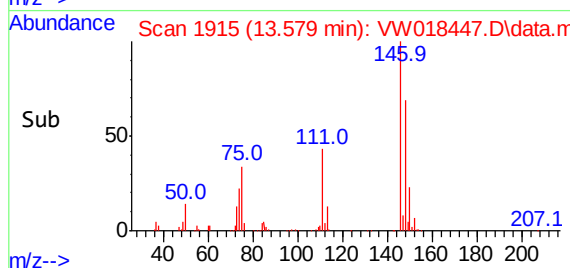
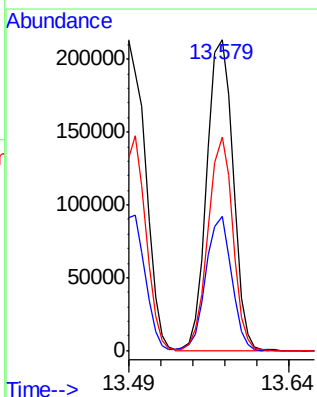
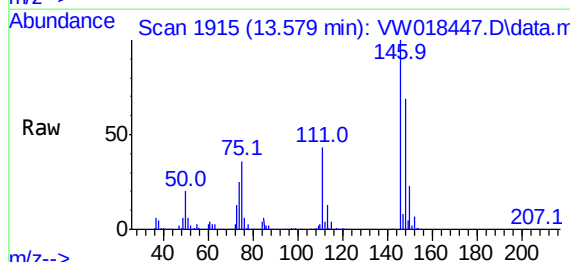
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

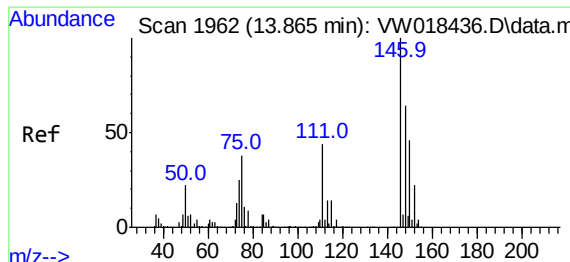
Tgt Ion:146 Resp: 343680
Ion Ratio Lower Upper
146 100
111 43.1 27.5 51.1
148 62.6 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 26.16 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion:146 Resp: 356649
Ion Ratio Lower Upper
146 100
111 43.2 28.3 52.5
148 68.6 47.3 87.9

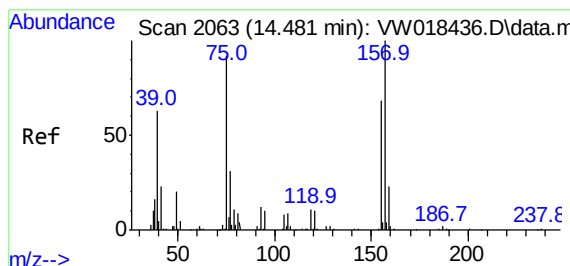
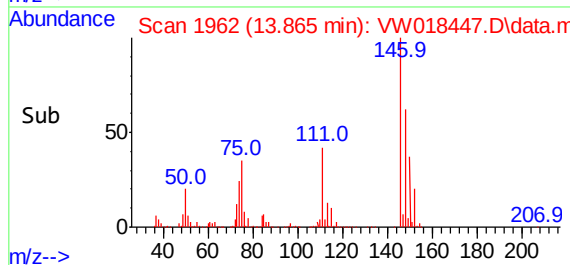
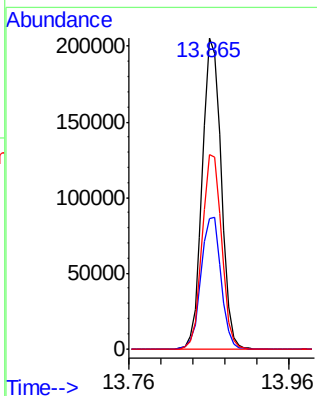
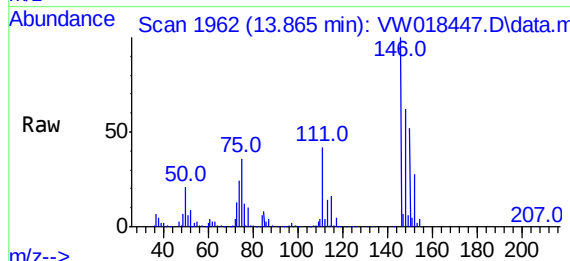




#65
1,2-Dichlorobenzene
Concen: 27.79 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

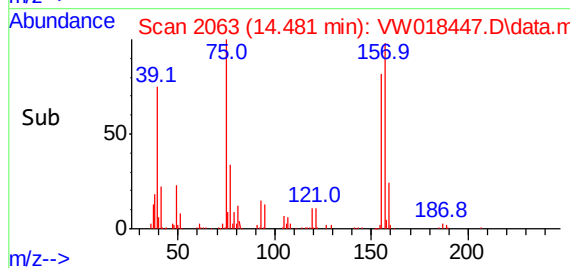
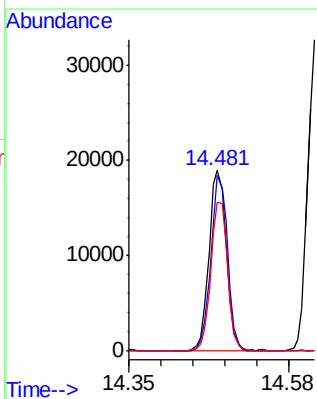
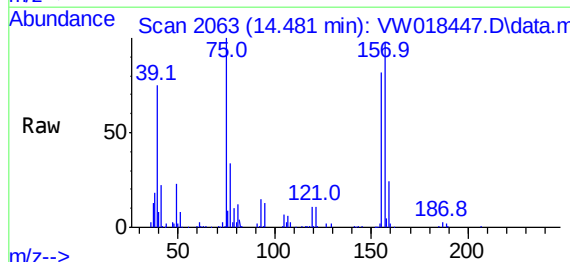
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

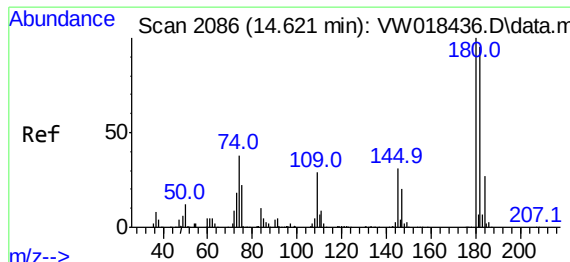
Tgt Ion:146 Resp: 335675
Ion Ratio Lower Upper
146 100
111 42.0 36.0 54.0
148 62.4 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 29.99 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion: 75 Resp: 32730
Ion Ratio Lower Upper
75 100
157 97.8 65.2 97.8
155 82.3 60.1 90.1

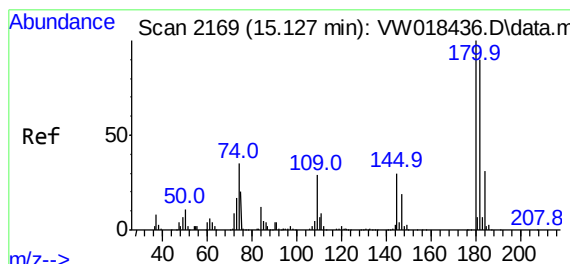
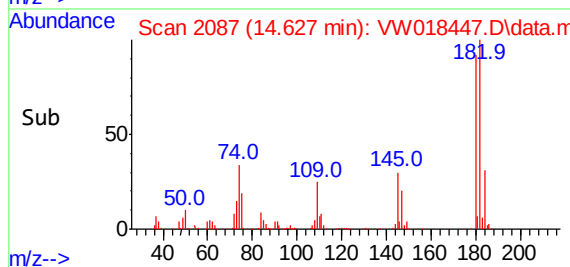
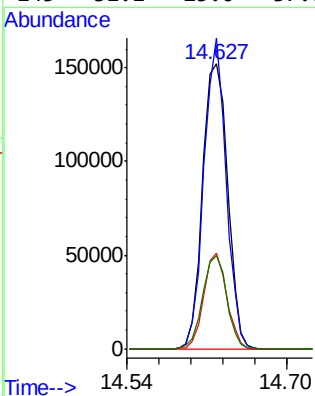
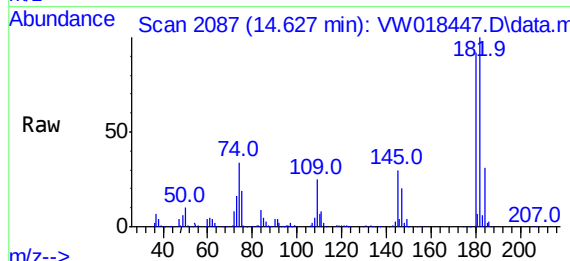




#67
1,3,5-Trichlorobenzene
Concen: 26.73 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

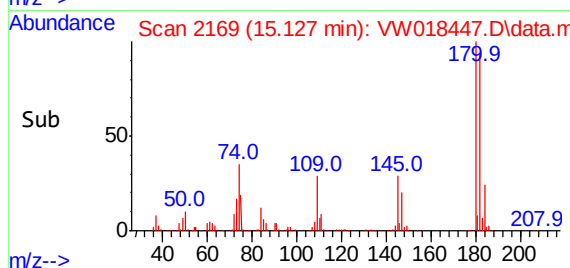
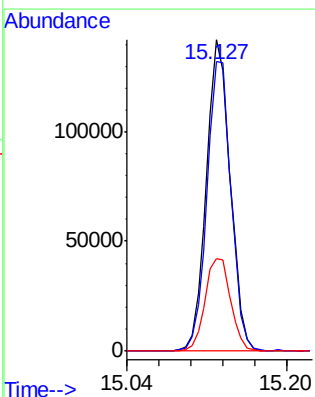
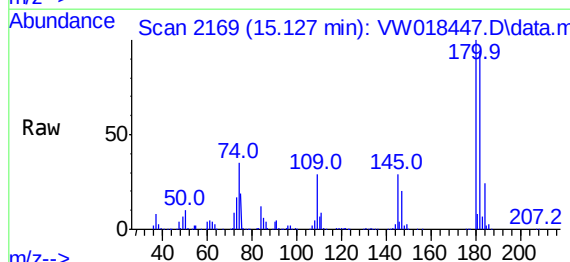
Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

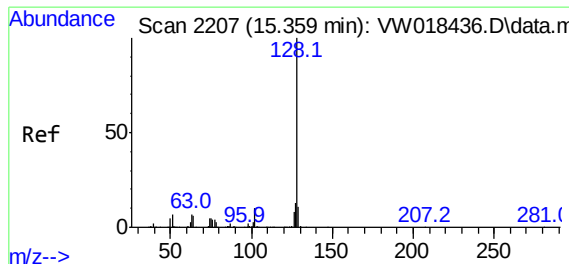
Tgt Ion:180 Resp: 260477
Ion Ratio Lower Upper
180 100
182 96.4 71.8 107.8
184 30.6 23.5 35.3
145 31.1 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 27.61 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion:180 Resp: 228928
Ion Ratio Lower Upper
180 100
182 94.0 70.2 105.4
145 31.5 24.9 37.3

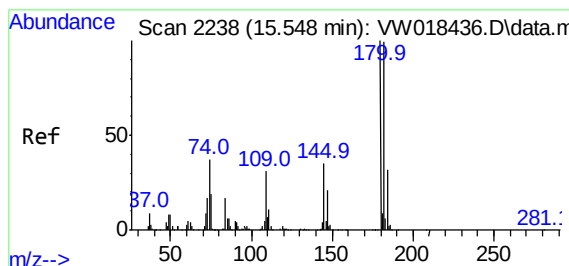
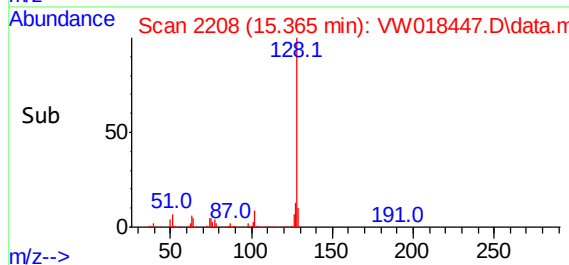
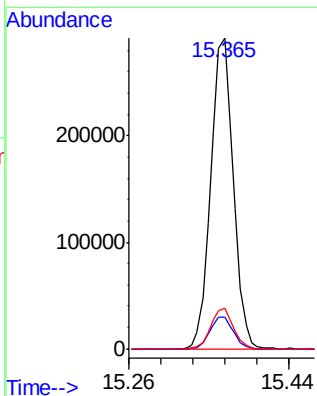
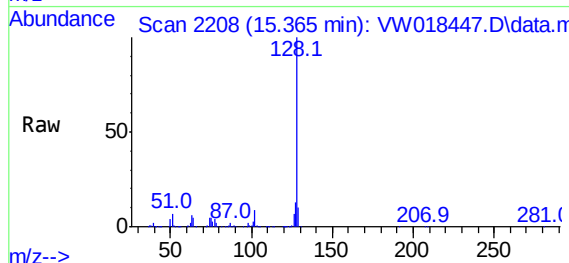




#69
Naphthalene
Concen: 29.52 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Instrument :
MSVOA_W
ClientSampleId :
VSTD02513

Tgt Ion:128 Resp: 509689
Ion Ratio Lower Upper
128 100
129 10.6 9.1 13.7
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 28.15 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018447.D
Acq: 24 Mar 2021 17:30

Tgt Ion:180 Resp: 203654
Ion Ratio Lower Upper
180 100
182 95.0 76.5 114.7
145 33.6 27.7 41.5

