

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031921\
 Data File : VW018410.D
 Acq On : 20 Mar 2021 01:15
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02507

Quant Time: Mar 20 04:02:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 20 03:58:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	484933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	452495	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	220713	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	174753	25.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.60%
7) Chloroethane-d5	2.892	69	164214	27.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.20%
10) 1,1-Dichloroethene-d2	4.032	63	290051	24.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.56%
20) 2-Butanone-d5	7.080	46	90367	60.15	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.30%
24) Chloroform-d	7.653	84	333014	26.96	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.84%
26) 1,2-Dichloroethane-d4	8.305	65	196810	27.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.20%
29) Benzene-d6	8.275	84	621327	25.83	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.32%
33) 1,2-Dichloropropane-d6	9.275	67	182390	26.29	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.16%
37) Toluene-d8	10.323	98	609426	26.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.24%
38) trans-1,3-Dichloroprop...	10.579	79	91930	25.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.76%
39) 2-Hexanone-d5	10.927	63	77733	57.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.48%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	181210	29.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	209686	26.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.88%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	120882	21.70	ug/L	97
3) Chloromethane	2.221	50	173059	24.65	ug/L	99
5) Vinyl chloride	2.367	62	238788	25.90	ug/L	99
6) Bromomethane	2.782	94	184537	27.72	ug/L	100
8) Chloroethane	2.928	64	155113	26.98	ug/L	97
9) Trichlorofluoromethane	3.263	101	111645	24.07	ug/L	97
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	148953	24.97	ug/L	98
12) 1,1-Dichloroethene	4.050	96	151279	24.85	ug/L	98
13) Acetone	4.123	43	56361	52.22	ug/L	98
14) Carbon disulfide	4.391	76	448736	24.48	ug/L	99
15) Methyl Acetate	4.672	43	69759	28.26	ug/L	97
16) Methylene chloride	4.922	84	175281	22.04	ug/L	89
17) Methyl tert-butyl Ether	5.428	73	238008	26.76	ug/L	98
18) trans-1,2-Dichloroethene	5.428	96	166584	24.79	ug/L	97
19) 1,1-Dichloroethane	6.214	63	294403	25.67	ug/L	96
21) 2-Butanone	7.171	43	94266	54.97	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	179554	25.40	ug/L	98
23) Bromochloromethane	7.513	128	79827	25.52	ug/L	88
25) Chloroform	7.677	83	316437	26.00	ug/L	99
27) 1,2-Dichloroethane	8.403	62	232613	26.94	ug/L	99

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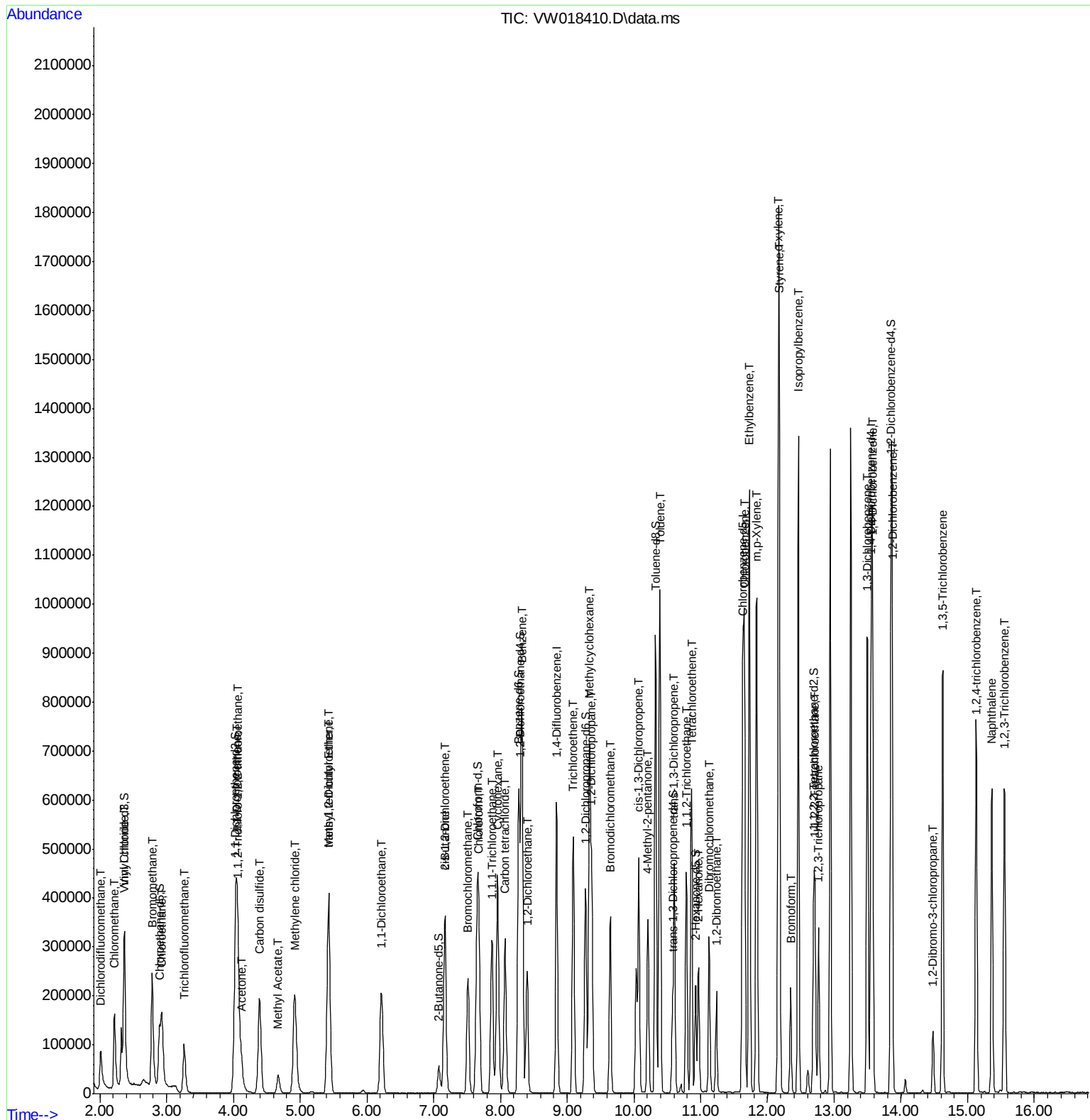
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	251727	23.43	ug/L	97
31) 1,1,1-Trichloroethane	7.878	97	251186	24.84	ug/L	96
32) Carbon tetrachloride	8.067	117	234199	24.85	ug/L	99
34) Benzene	8.323	78	681904	26.02	ug/L	100
35) Trichloroethene	9.092	95	180465	24.93	ug/L	99
36) Methylcyclohexane	9.335	83	302734	23.88	ug/L	98
40) 1,2-Dichloropropane	9.366	63	162677	25.38	ug/L	98
41) Bromodichloromethane	9.646	83	234226	25.85	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	270709	24.97	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	215443	55.89	ug/L	97
44) Toluene	10.390	91	764906	25.68	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	252420	25.93	ug/L	99
46) 1,1,2-Trichloroethane	10.786	97	134671	26.35	ug/L	93
47) Tetrachloroethene	10.866	164	131156	23.86	ug/L	94
49) 2-Hexanone	10.969	43	150880	55.31	ug/L	99
50) Dibromochloromethane	11.128	129	157764	26.18	ug/L	93
51) 1,2-Dibromoethane	11.238	107	136093	26.88	ug/L	93
52) Chlorobenzene	11.658	112	479498	25.38	ug/L	94
53) Ethylbenzene	11.731	91	854253	25.43	ug/L	98
54) m,p-Xylene	11.835	106	319484	24.89	ug/L	94
55) o-xylene	12.164	106	315758	25.81	ug/L	99
56) Styrene	12.176	104	545760	26.16	ug/L	99
57) Isopropylbenzene	12.463	105	829020	24.91	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.713	83	175457	28.36	ug/L	93
59) 1,2,3-Trichloropropane	12.768	75	132424	28.35	ug/L	99
62) Bromoform	12.347	173	89627	26.48	ug/L #	97
63) 1,3-Dichlorobenzene	13.493	146	364437	25.80	ug/L	96
64) 1,4-Dichlorobenzene	13.579	146	365533	25.64	ug/L	92
65) 1,2-Dichlorobenzene	13.871	146	339015	26.85	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	32082	28.12	ug/L	91
67) 1,3,5-Trichlorobenzene	14.621	180	248088	24.35	ug/L	94
68) 1,2,4-trichlorobenzene	15.133	180	214772	24.78	ug/L	92
69) Naphthalene	15.365	128	511608	28.34	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	197513	26.11	ug/L	99

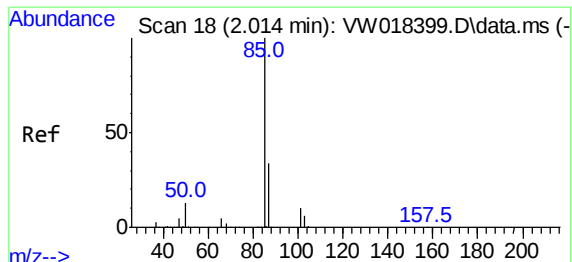
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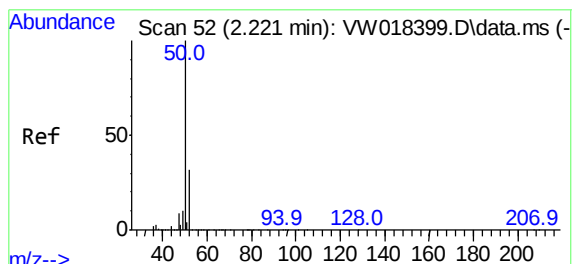
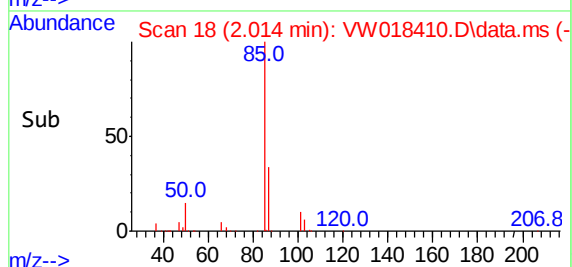
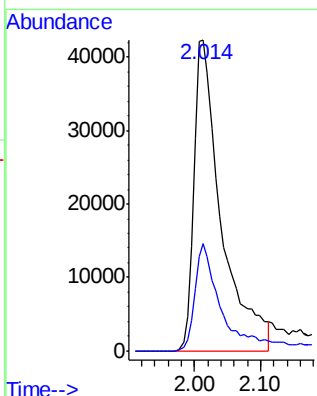
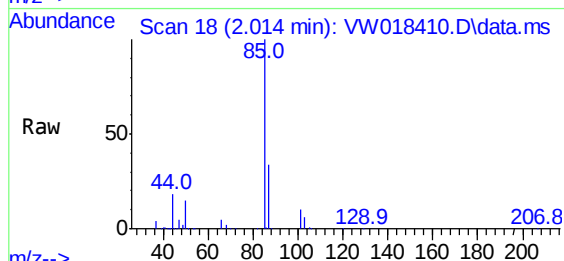




#2
Dichlorodifluoromethane
Concen: 21.70 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

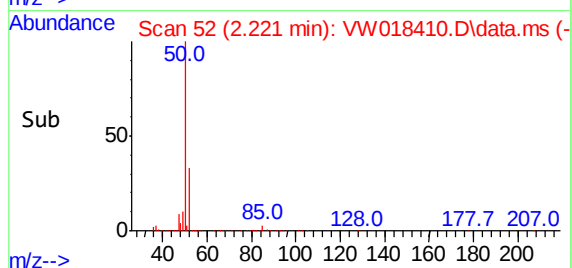
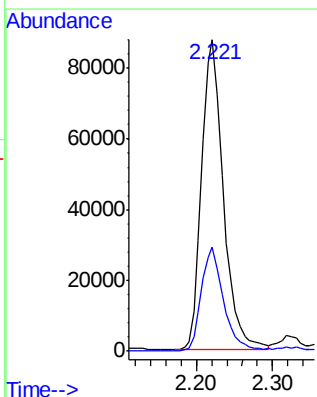
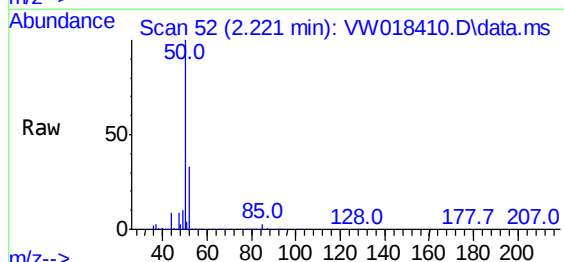
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

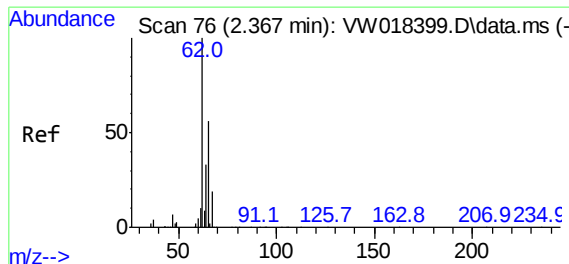
Tgt Ion: 85 Resp: 120882
Ion Ratio Lower Upper
85 100
87 29.9 22.2 41.2



#3
Chloromethane
Concen: 24.65 ug/L
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 50 Resp: 173059
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9

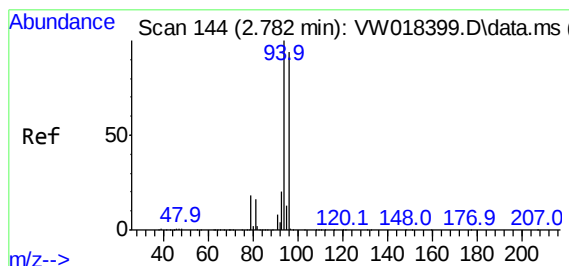
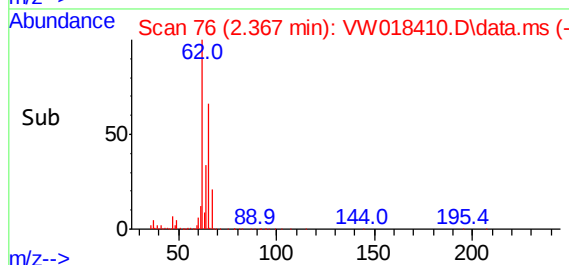
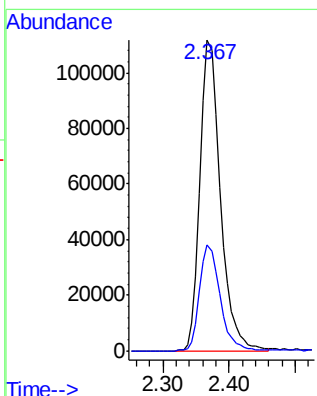
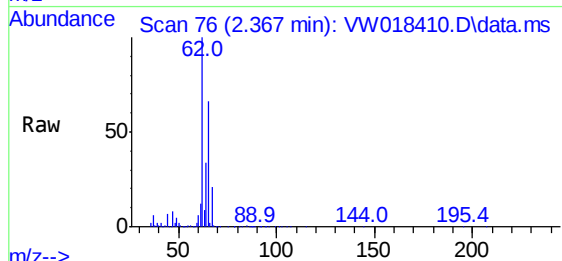




#5
 Vinyl chloride
 Concen: 25.90 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018410.D
 Acq: 20 Mar 2021 01:15

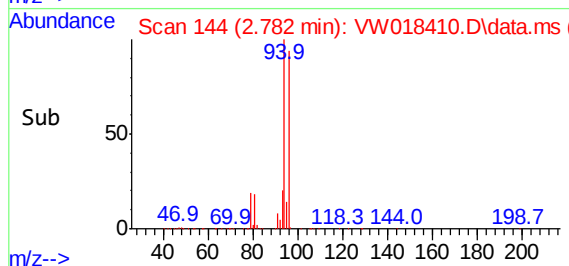
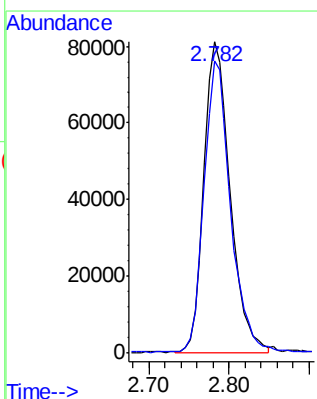
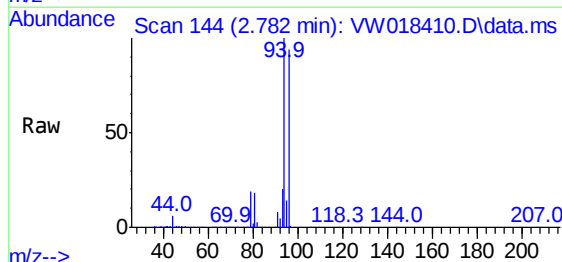
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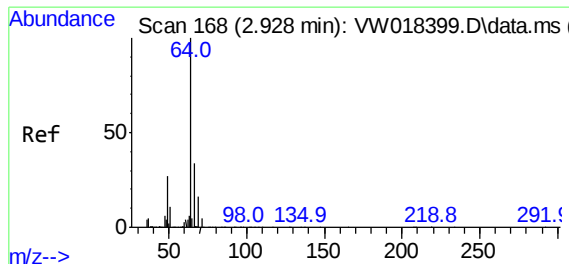
Tgt Ion: 62 Resp: 238788
 Ion Ratio Lower Upper
 62 100
 64 34.0 23.5 43.7



#6
 Bromomethane
 Concen: 27.72 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018410.D
 Acq: 20 Mar 2021 01:15

Tgt Ion: 94 Resp: 184537
 Ion Ratio Lower Upper
 94 100
 96 94.6 9.4 179.4

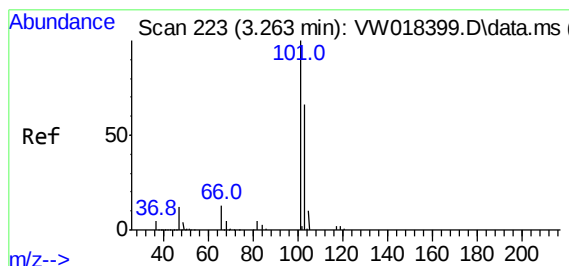
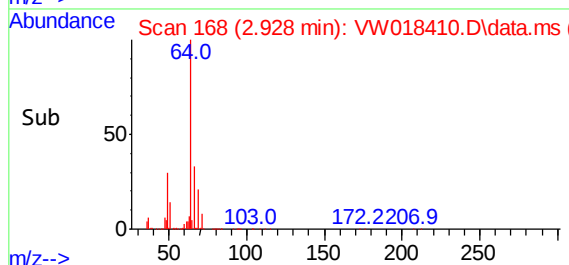
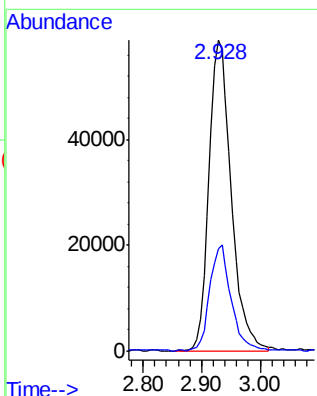
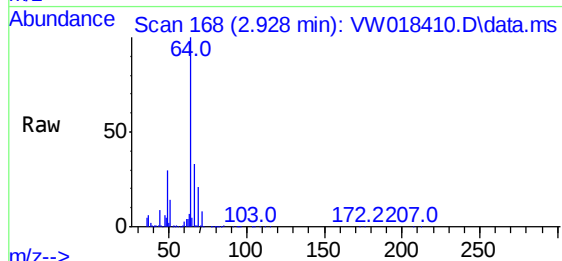




#8
Chloroethane
Concen: 26.98 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

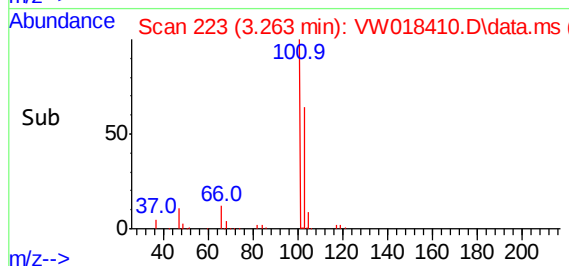
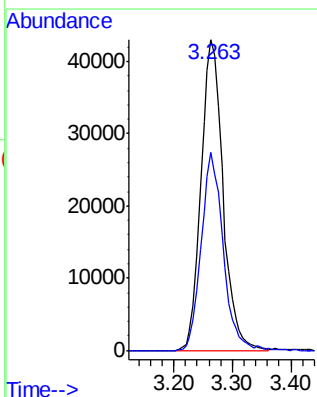
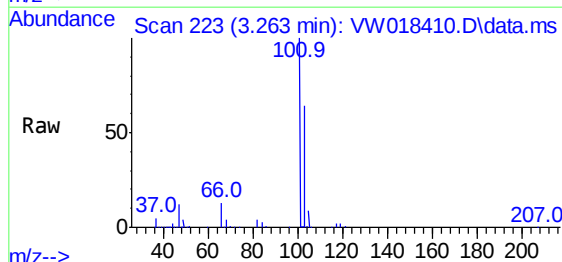
Instrument :
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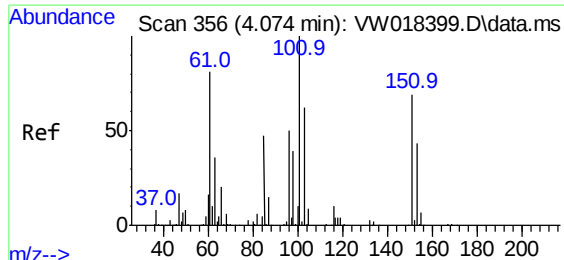
Tgt Ion: 64 Resp: 155113
Ion Ratio Lower Upper
64 100
66 32.7 21.6 40.0



#9
Trichlorofluoromethane
Concen: 24.07 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:101 Resp: 111645
Ion Ratio Lower Upper
101 100
103 63.0 45.6 84.8



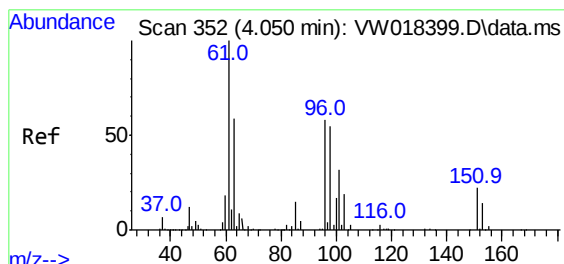
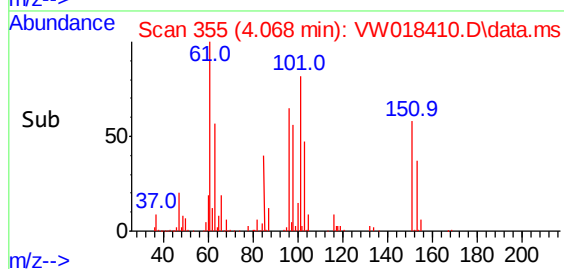
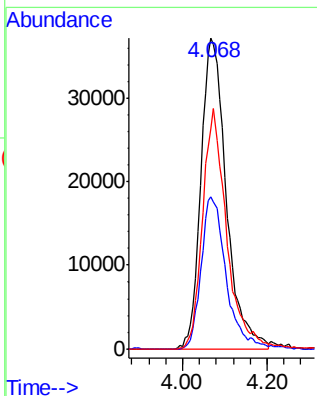
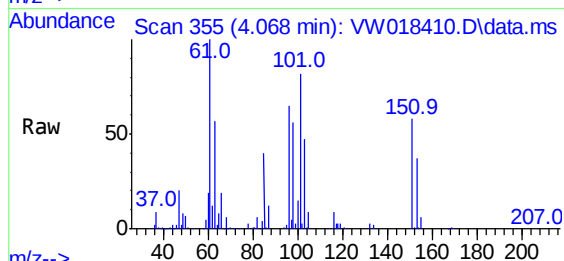


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.97 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VW018410.D
 Acq: 20 Mar 2021 01:15

Instrument :
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 ClientSampleId :
 VSTD02507

Tgt Ion:101 Resp: 148953

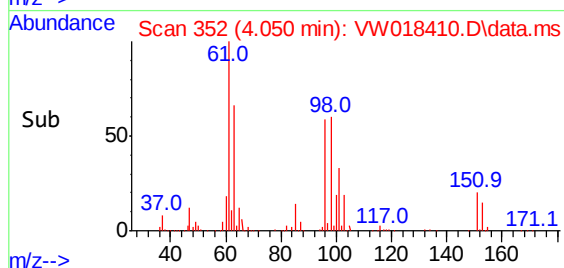
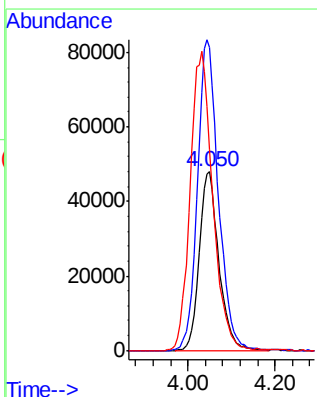
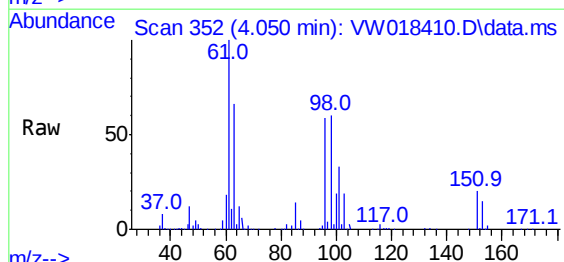
Ion	Ratio	Lower	Upper
101	100		
85	46.3	35.6	53.4
151	70.9	58.1	87.1

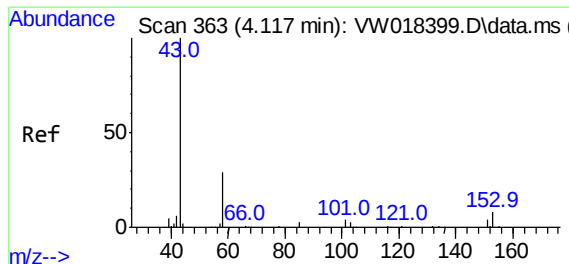


#12
 1,1-Dichloroethene
 Concen: 24.85 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW018410.D
 Acq: 20 Mar 2021 01:15

Tgt Ion: 96 Resp: 151279

Ion	Ratio	Lower	Upper
96	100		
61	170.0	118.6	220.2
63	112.1	82.4	153.0

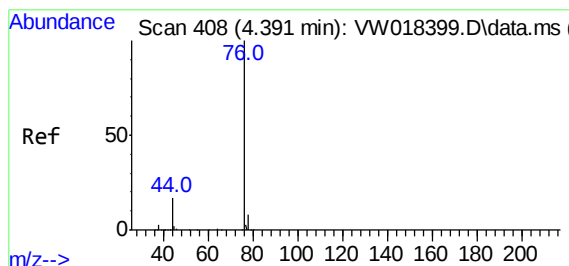
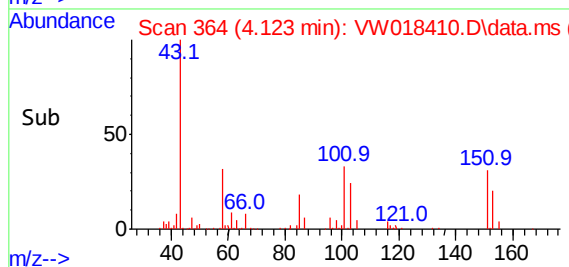
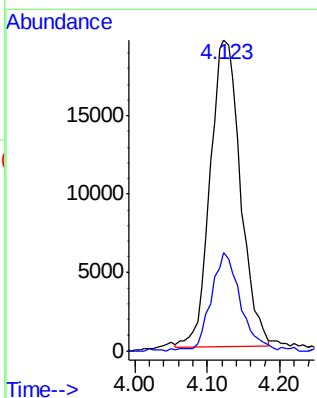
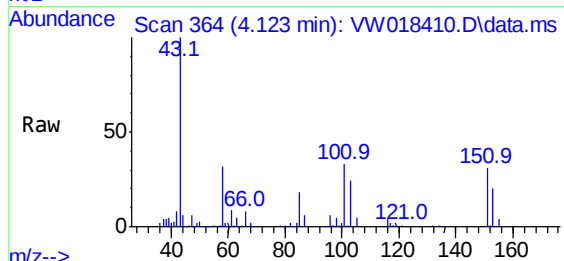




#13
Acetone
Concen: 52.22 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

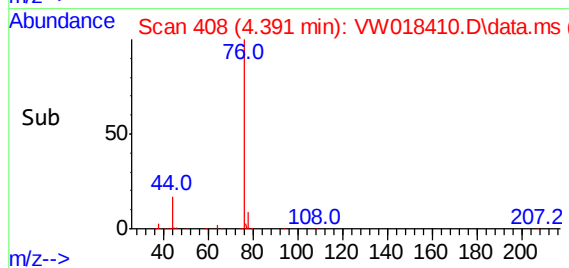
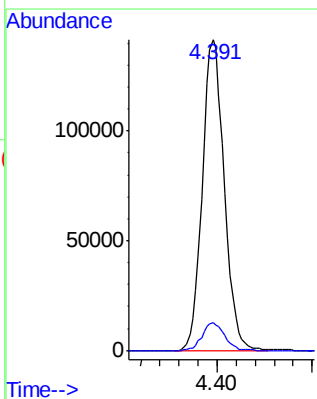
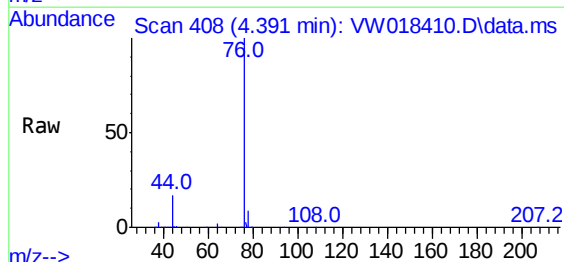
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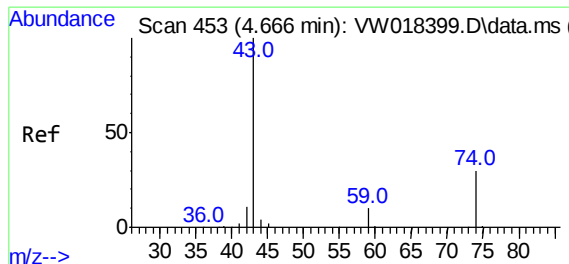
Tgt Ion: 43 Resp: 56361
Ion Ratio Lower Upper
43 100
58 29.8 0.0 62.2



#14
Carbon disulfide
Concen: 24.48 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 76 Resp: 448736
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

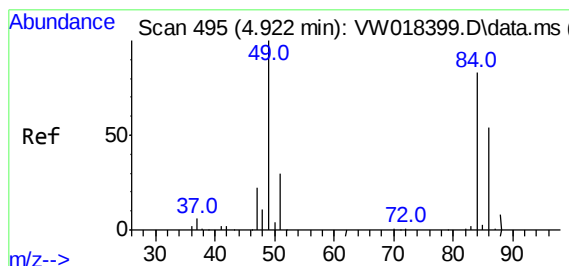
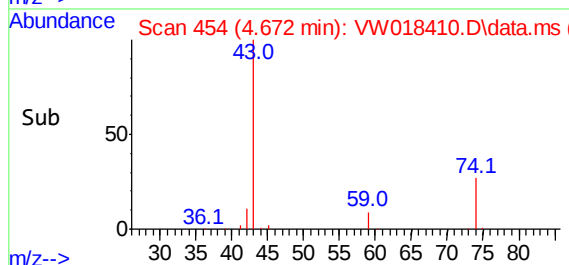
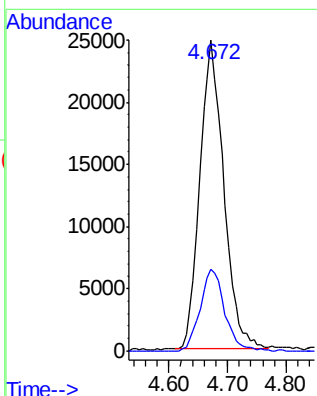
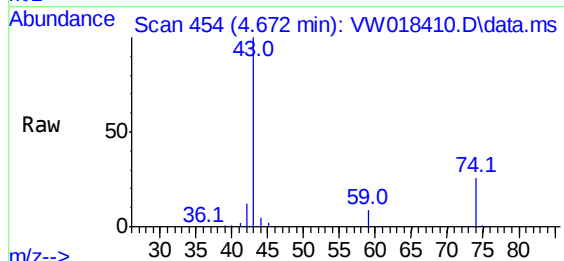




#15
Methyl Acetate
Concen: 28.26 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

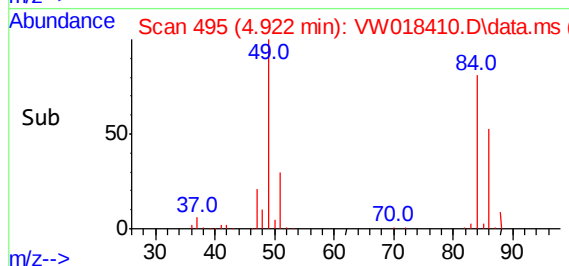
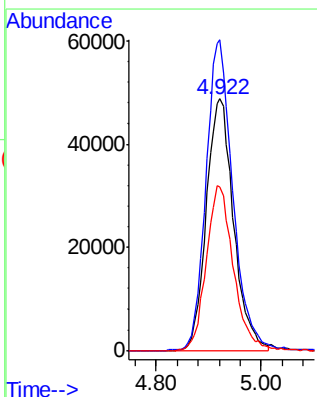
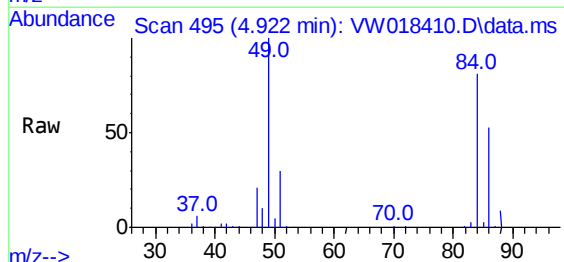
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

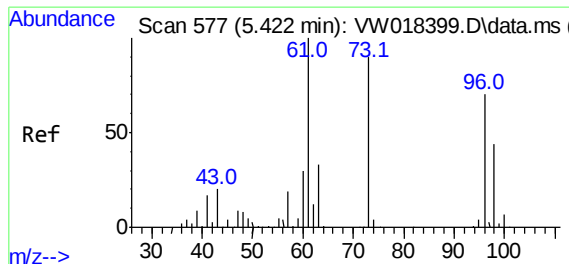
Tgt Ion: 43 Resp: 69759
Ion Ratio Lower Upper
43 100
74 26.8 22.9 34.3



#16
Methylene chloride
Concen: 22.04 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 84 Resp: 175281
Ion Ratio Lower Upper
84 100
49 123.7 74.4 138.2
86 65.1 46.1 85.7



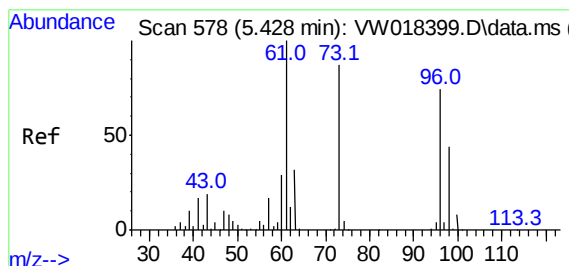
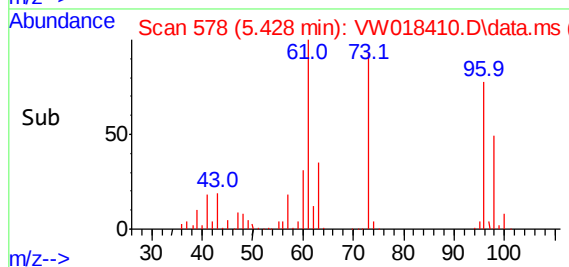
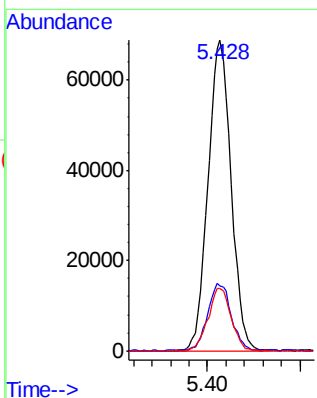
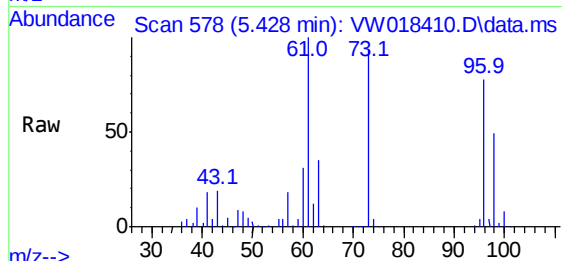


#17
Methyl tert-butyl Ether
Concen: 26.76 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 73 Resp: 238008

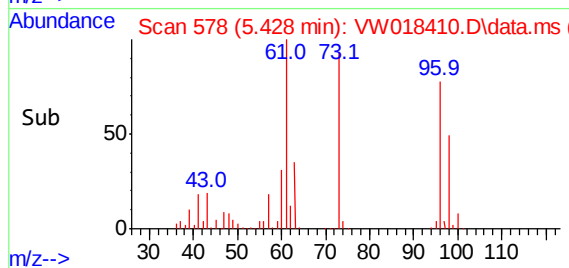
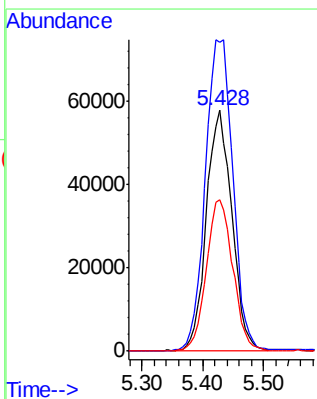
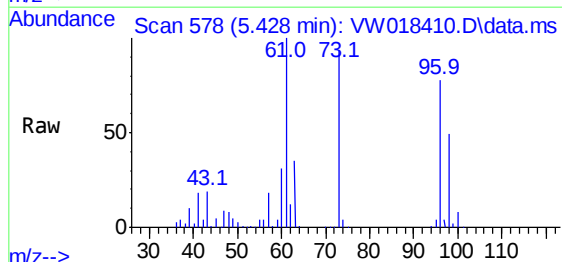
Ion	Ratio	Lower	Upper
73	100		
43	22.1	16.6	24.8
57	20.1	15.9	23.9

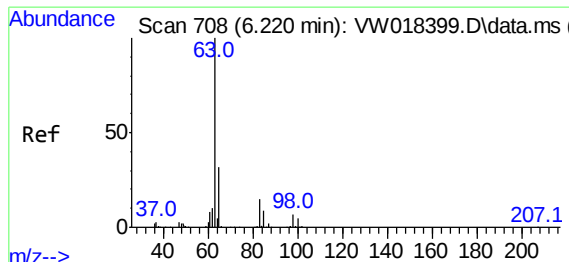


#18
trans-1,2-Dichloroethene
Concen: 24.79 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 96 Resp: 166584

Ion	Ratio	Lower	Upper
96	100		
61	128.6	93.3	173.3
98	62.7	45.2	84.0

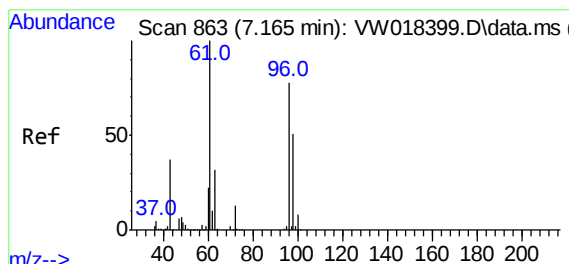
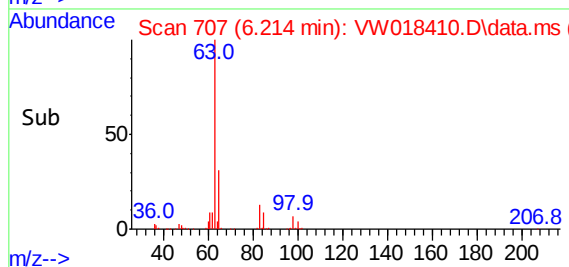
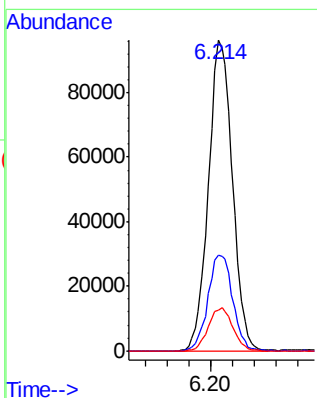
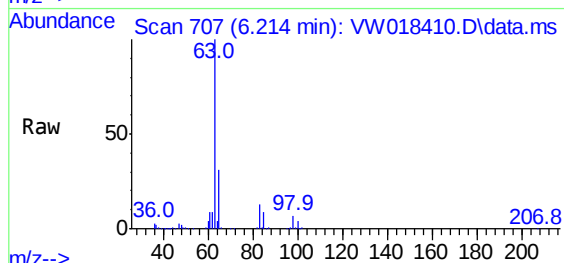




#19
1,1-Dichloroethane
Concen: 25.67 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

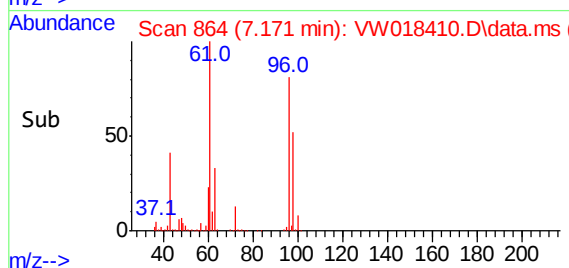
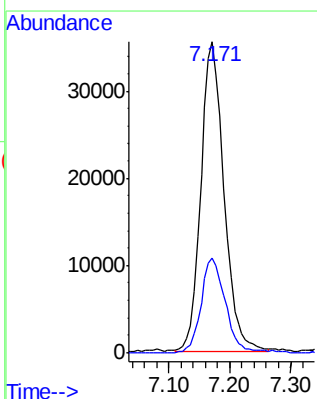
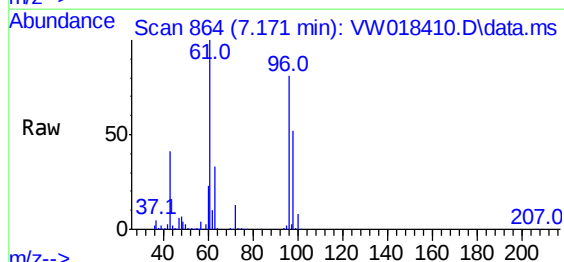
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

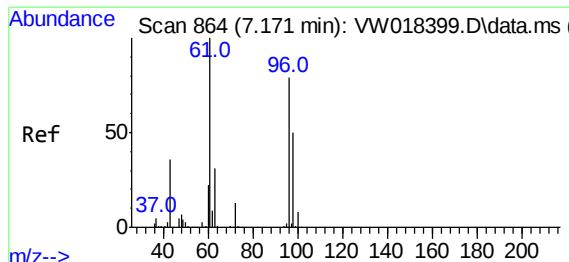
Tgt Ion: 63 Resp: 294403
Ion Ratio Lower Upper
63 100
65 30.9 23.5 43.7
83 13.1 10.3 19.1



#21
2-Butanone
Concen: 54.97 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 43 Resp: 94266
Ion Ratio Lower Upper
43 100
72 30.6 16.5 49.5

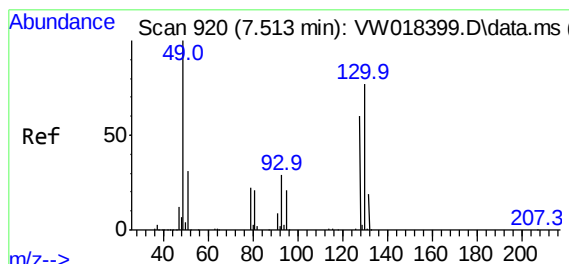
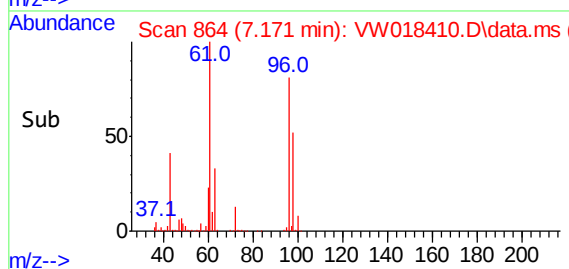
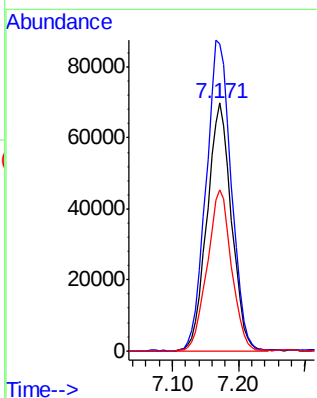
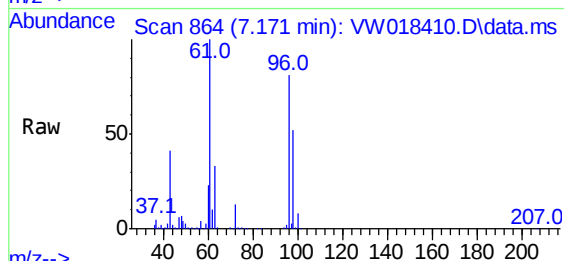




#22
cis-1,2-Dichloroethene
Concen: 25.40 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

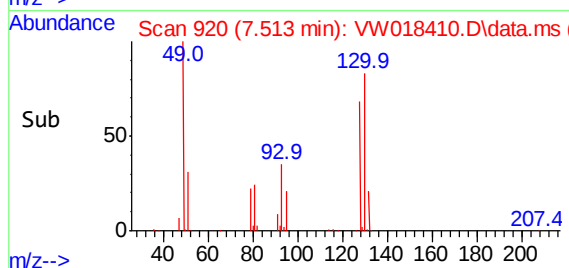
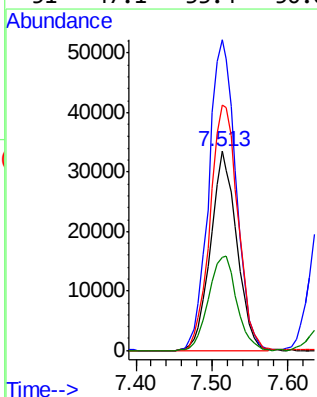
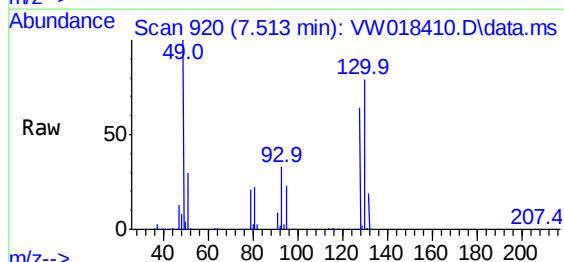
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

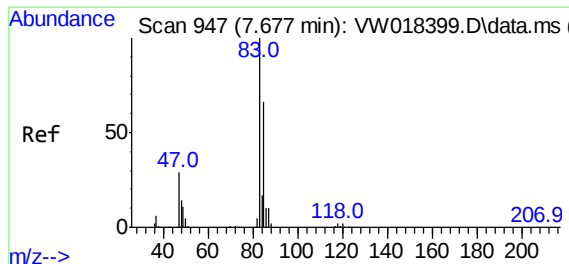
Tgt Ion: 96 Resp: 179554
Ion Ratio Lower Upper
96 100
61 124.0 84.8 157.6
98 65.0 45.1 83.9



#23
Bromochloromethane
Concen: 25.52 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:128 Resp: 79827
Ion Ratio Lower Upper
128 100
49 156.2 92.4 171.6
130 123.3 83.9 155.7
51 47.1 33.4 50.0

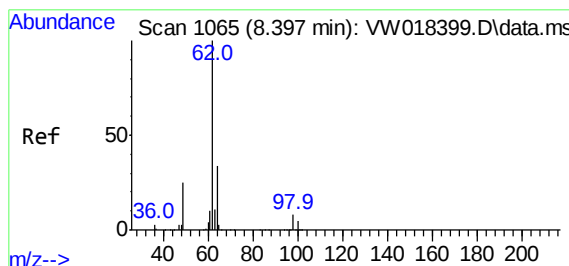
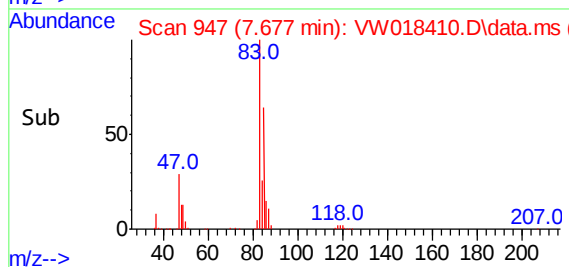
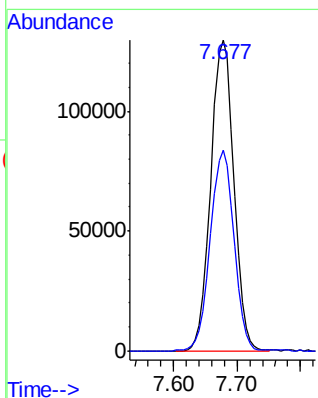
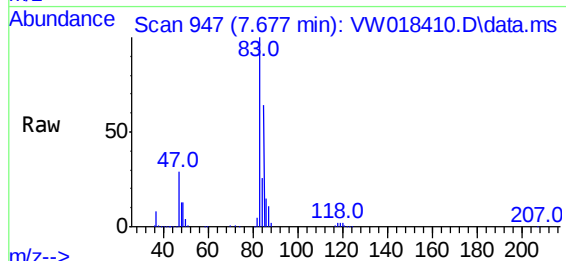




#25
Chloroform
Concen: 26.00 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

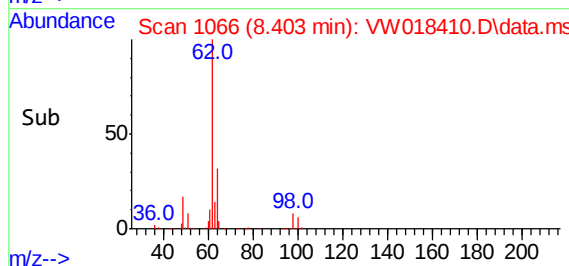
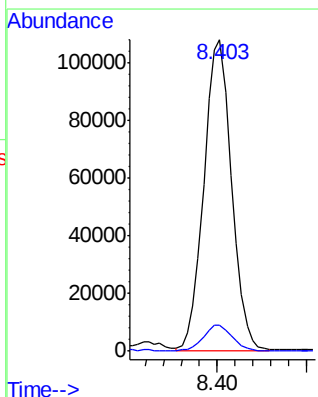
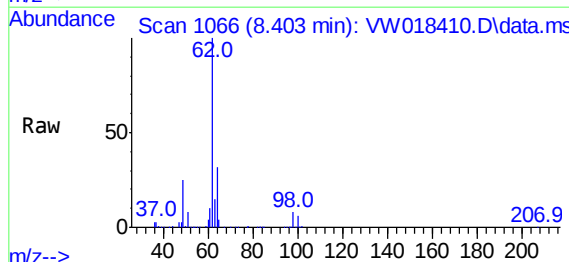
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

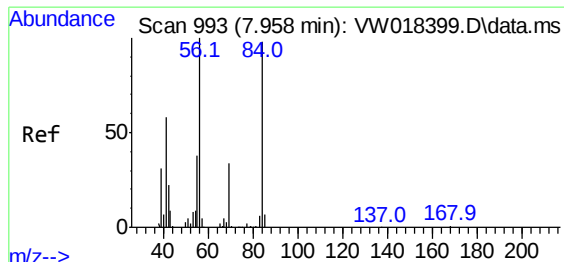
Tgt Ion: 83 Resp: 316437
Ion Ratio Lower Upper
83 100
85 65.8 46.4 86.2



#27
1,2-Dichloroethane
Concen: 26.94 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 62 Resp: 232613
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6

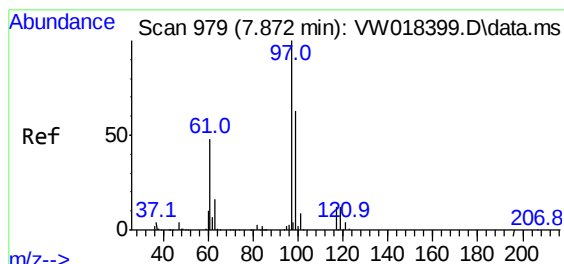
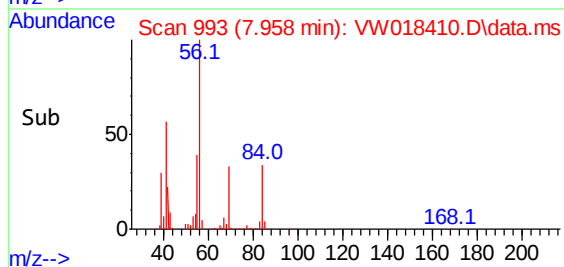
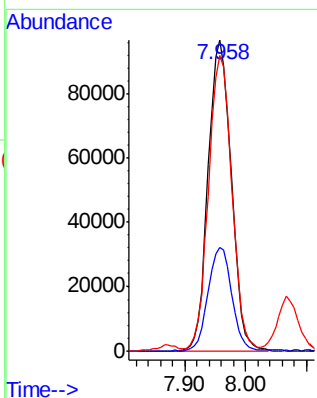
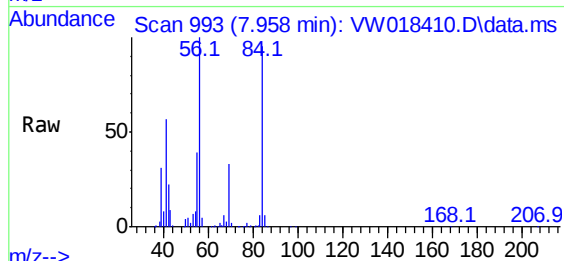




#30
Cyclohexane
Concen: 23.43 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

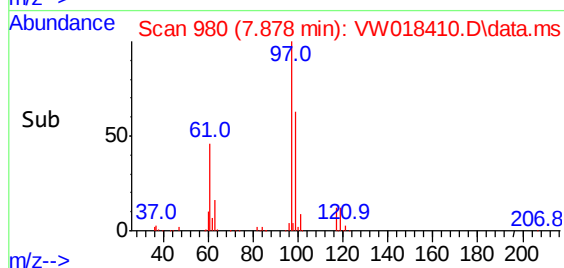
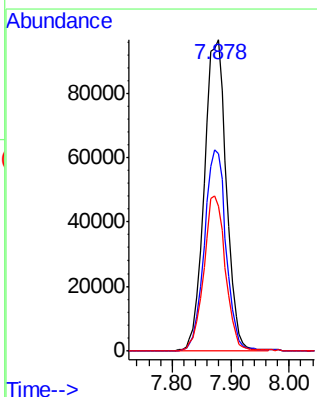
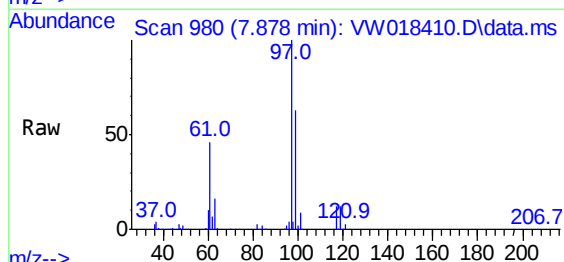
Instrument :
MSVOA_W
ClientSampleId :
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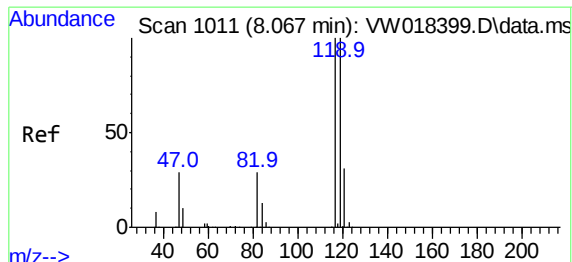
Tgt Ion: 56 Resp: 251727
Ion Ratio Lower Upper
56 100
69 34.0 27.0 40.6
84 96.0 79.9 119.9



#31
1,1,1-Trichloroethane
Concen: 24.84 ug/L
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 97 Resp: 251186
Ion Ratio Lower Upper
97 100
99 63.3 51.7 77.5
61 48.5 34.8 52.2

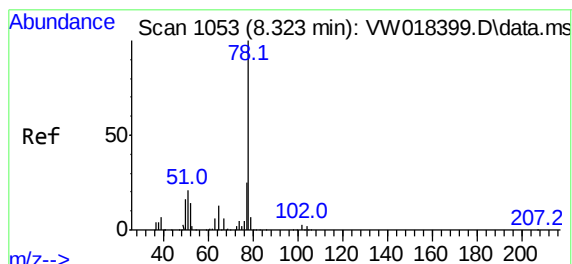
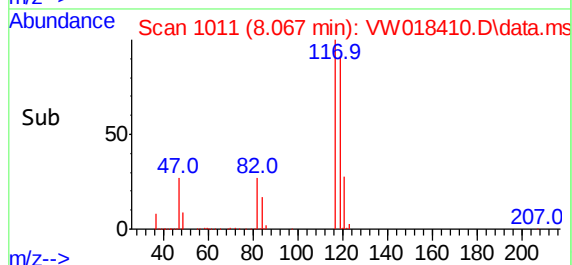
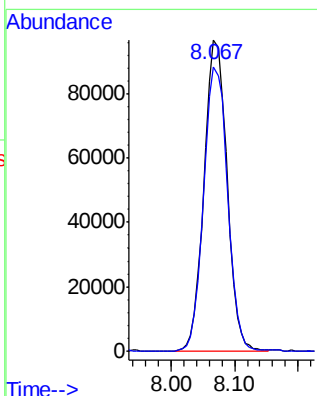
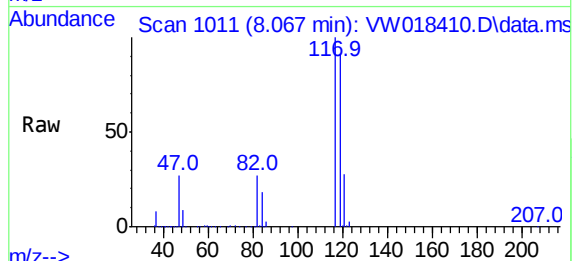




#32
Carbon tetrachloride
Concen: 24.85 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

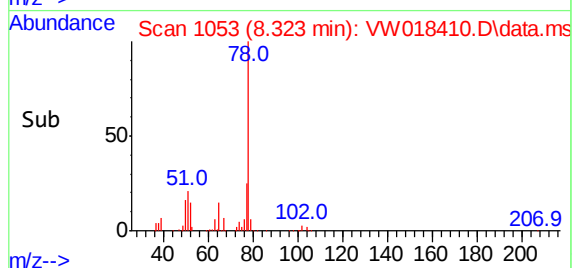
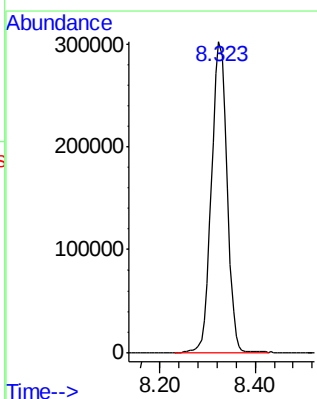
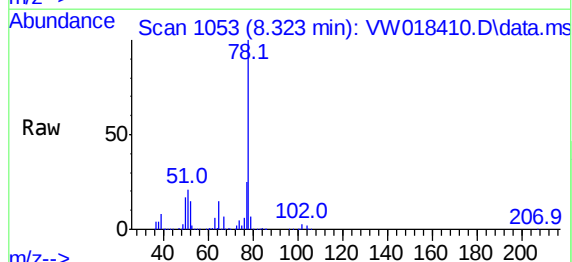
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

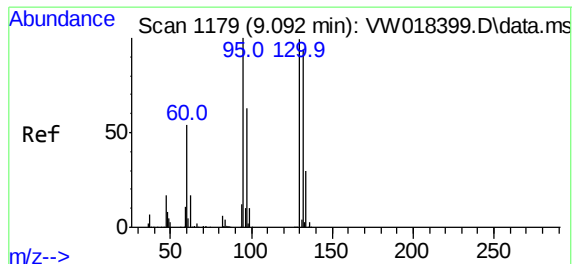
Tgt Ion:117 Resp: 234199
Ion Ratio Lower Upper
117 100
119 95.1 76.7 115.1



#34
Benzene
Concen: 26.02 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 78 Resp: 681904



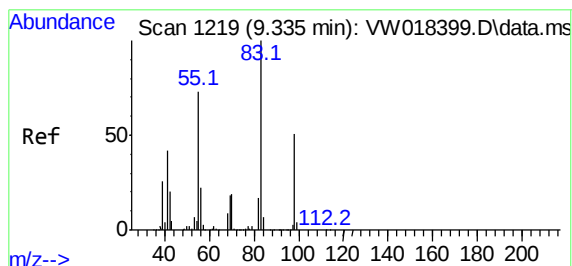
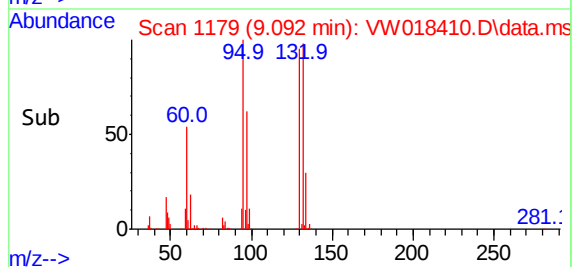
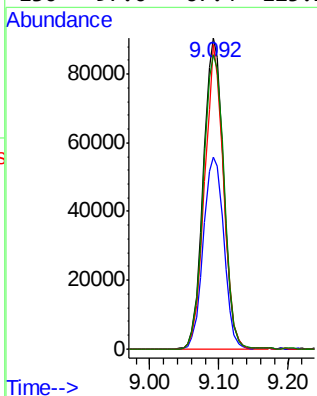
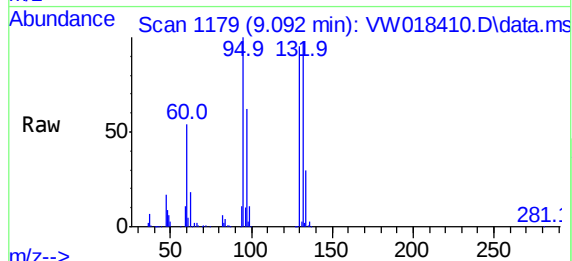


#35
Trichloroethene
Concen: 24.93 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 95 Resp: 180465

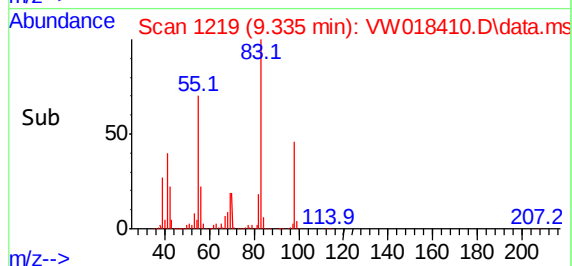
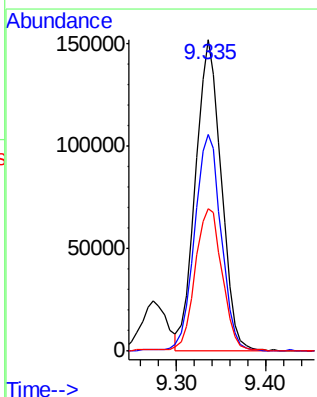
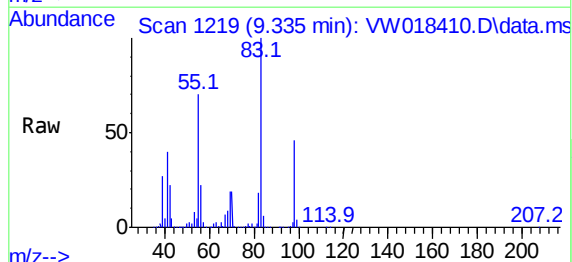
Ion	Ratio	Lower	Upper
95	100		
97	63.1	44.4	82.4
132	91.6	65.9	122.5
130	97.0	67.4	125.2

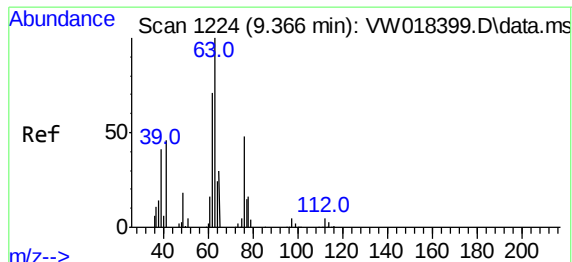


#36
Methylcyclohexane
Concen: 23.88 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 83 Resp: 302734

Ion	Ratio	Lower	Upper
83	100		
55	71.6	56.8	85.2
98	47.9	40.6	61.0

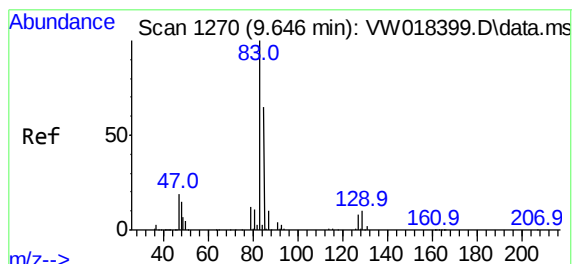
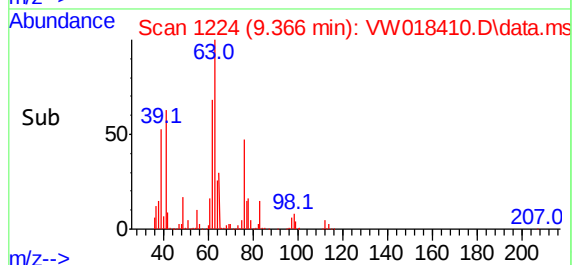
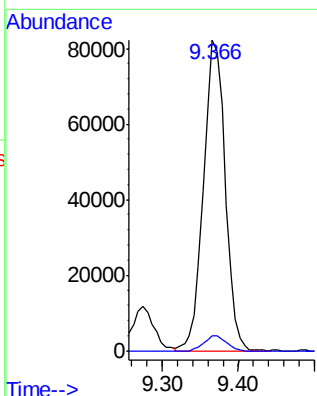
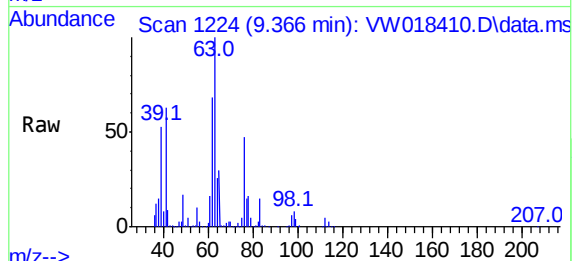




#40
1,2-Dichloropropane
Concen: 25.38 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

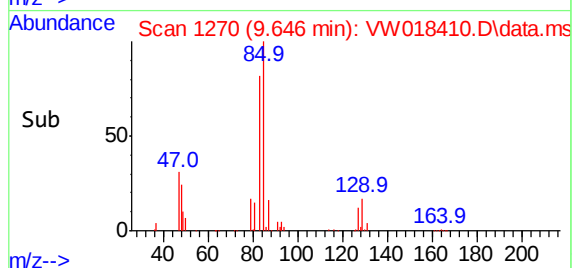
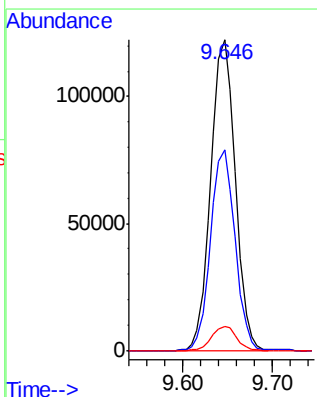
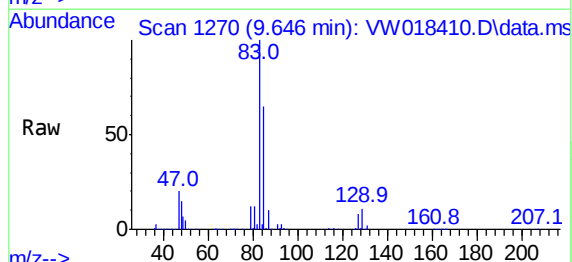
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

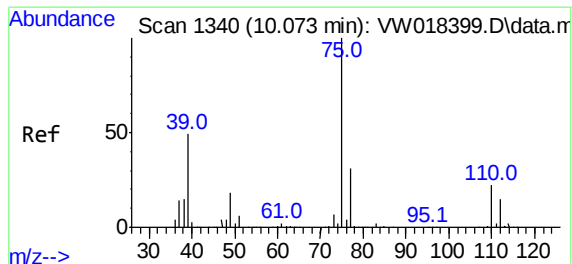
Tgt Ion: 63 Resp: 162677
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4



#41
Bromodichloromethane
Concen: 25.85 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 83 Resp: 234226
Ion Ratio Lower Upper
83 100
85 64.8 43.8 81.4
127 7.7 6.9 10.3

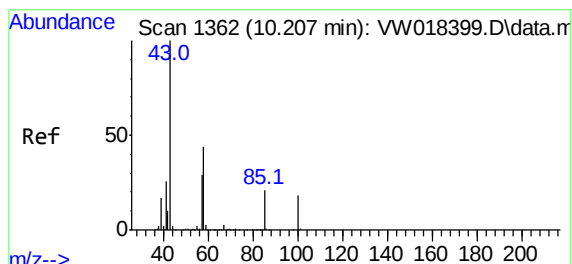
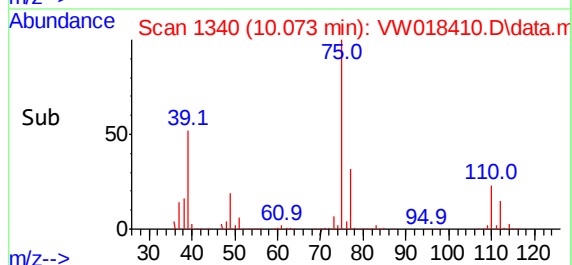
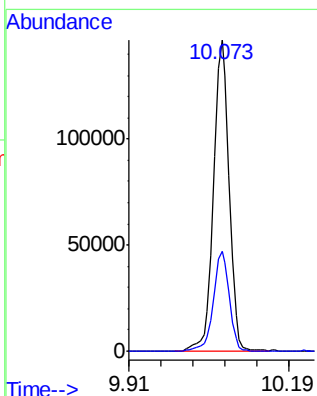
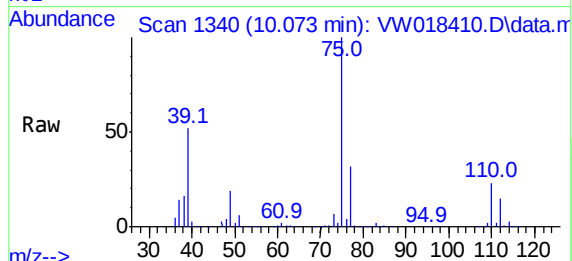




#42
cis-1,3-Dichloropropene
Concen: 24.97 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

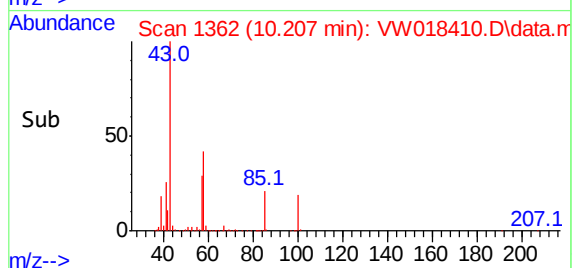
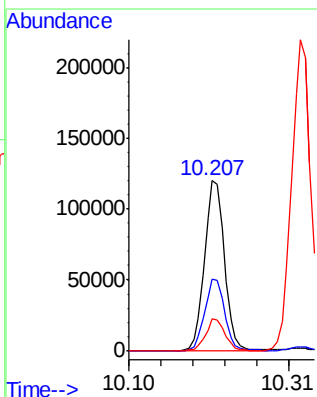
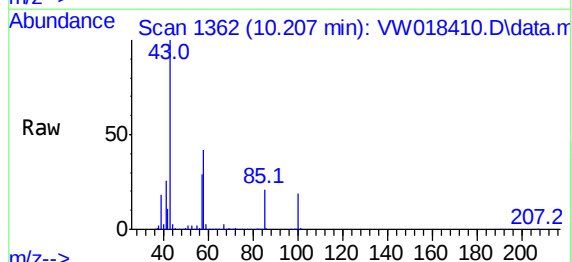
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

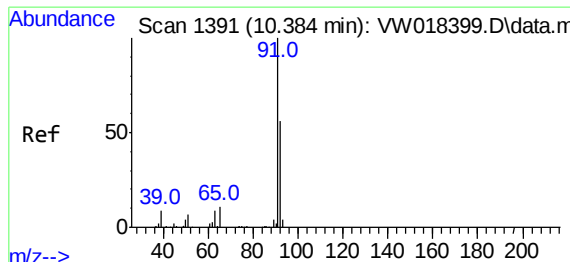
Tgt Ion: 75 Resp: 270709
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 55.89 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 43 Resp: 215443
Ion Ratio Lower Upper
43 100
58 42.2 34.8 52.2
100 18.0 15.9 23.9





#44

Toluene

Concen: 25.68 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW018410.D

Acq: 20 Mar 2021 01:15

Tgt Ion: 91 Resp: 764906

Ion Ratio Lower Upper

91 100

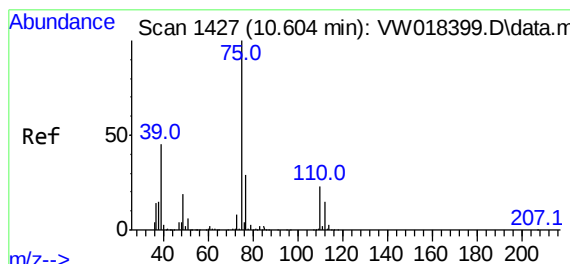
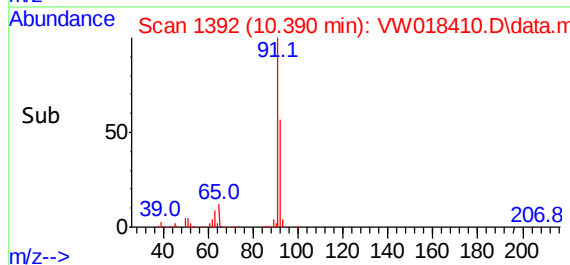
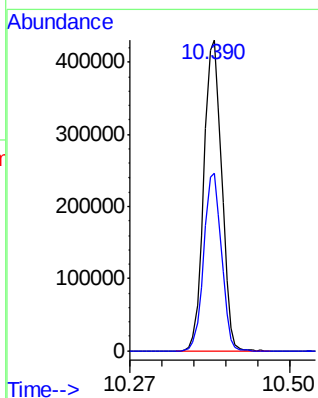
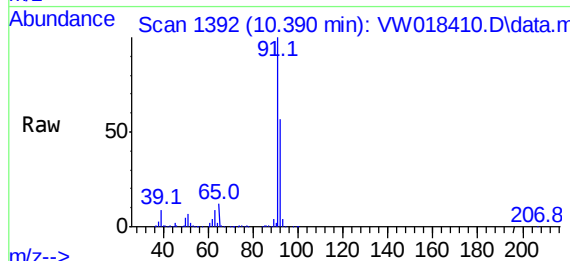
92 57.3 42.3 78.5

Instrument :

MSVOA_W

ClientSampleId :

VSTD02507



#45

trans-1,3-Dichloropropene

Concen: 25.93 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW018410.D

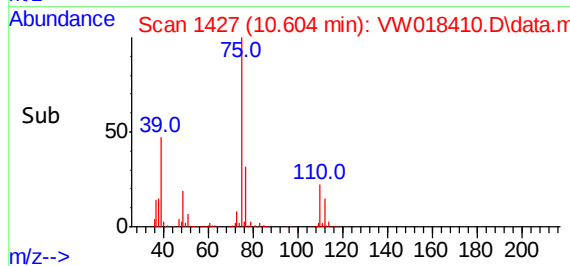
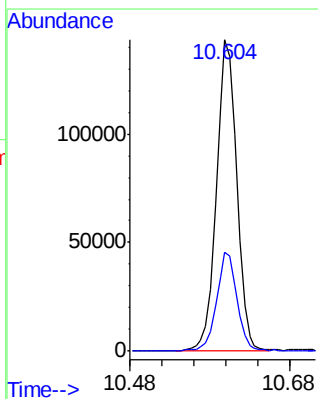
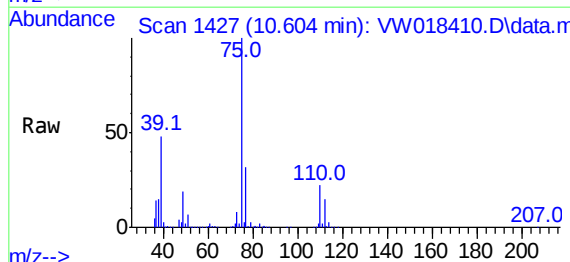
Acq: 20 Mar 2021 01:15

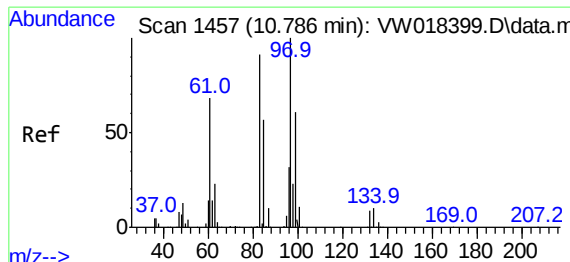
Tgt Ion: 75 Resp: 252420

Ion Ratio Lower Upper

75 100

77 31.7 22.6 42.0



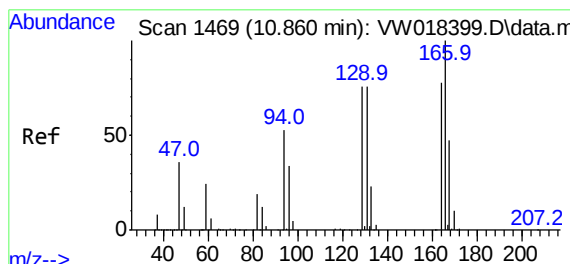
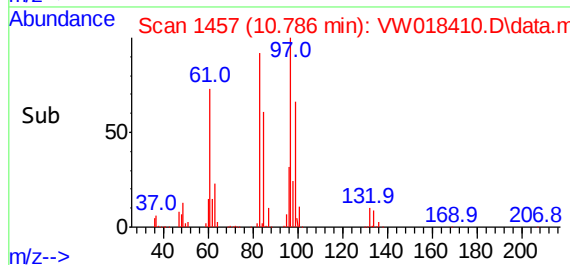
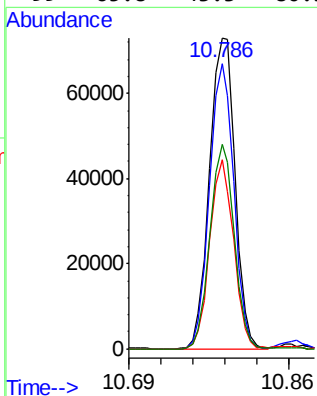
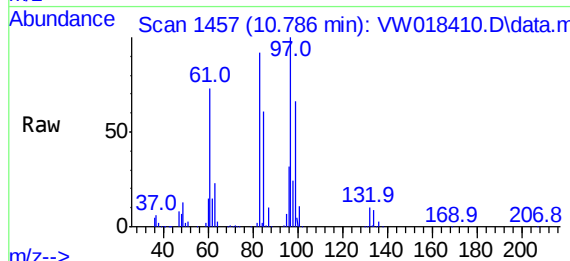


#46
1,1,2-Trichloroethane
Concen: 26.35 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 97 Resp: 134671

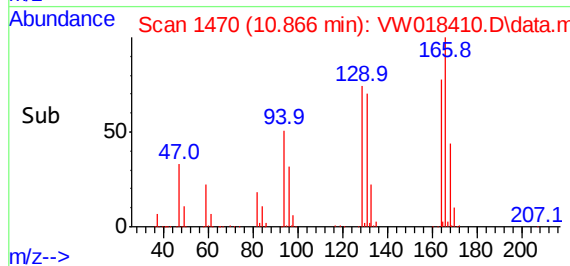
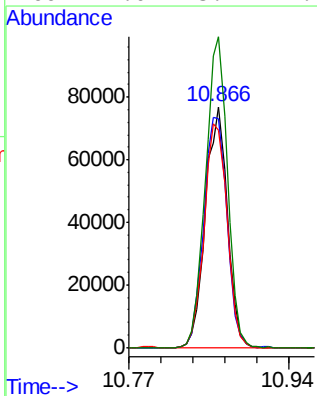
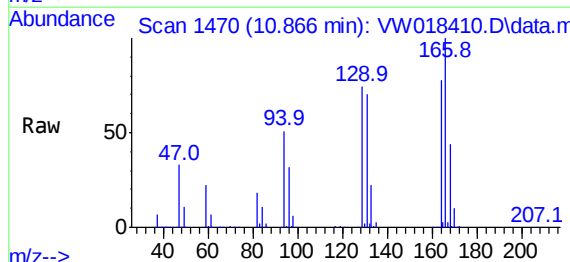
Ion	Ratio	Lower	Upper
97	100		
83	91.8	58.9	109.5
85	61.0	38.4	71.4
99	65.8	43.3	80.3

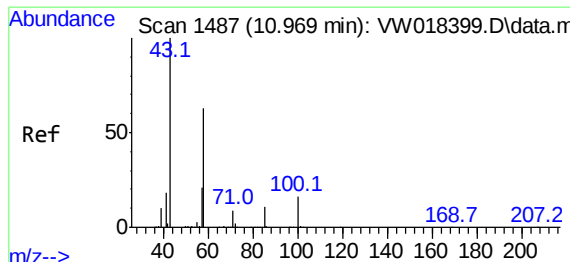


#47
Tetrachloroethene
Concen: 23.86 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 164 Resp: 131156

Ion	Ratio	Lower	Upper
164	100		
129	95.3	68.8	127.8
131	90.4	68.3	126.8
166	129.0	95.4	177.2



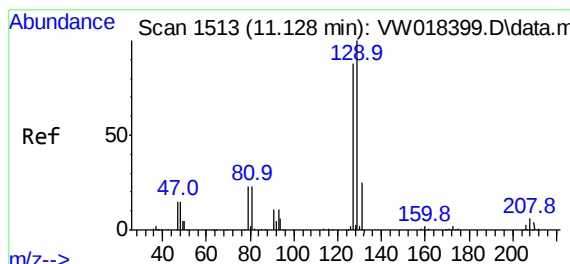
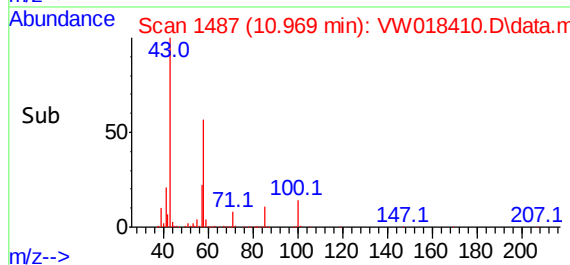
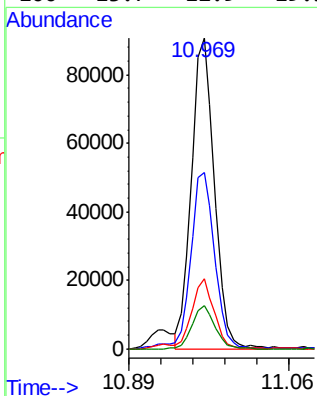
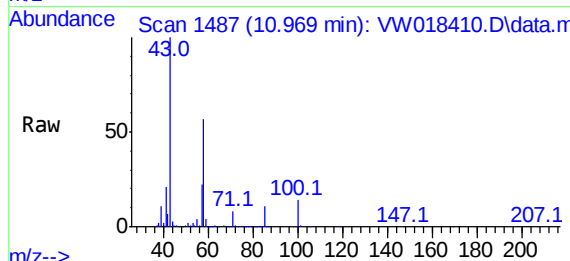


#49
2-Hexanone
Concen: 55.31 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion: 43 Resp: 150880

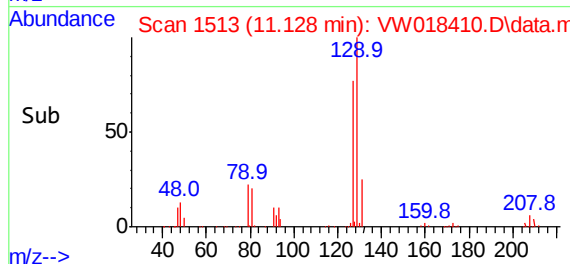
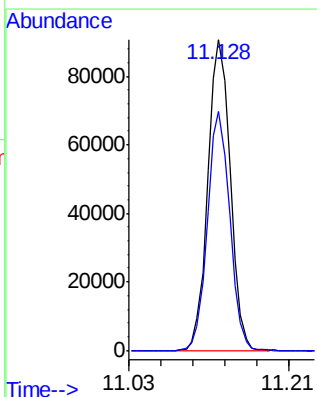
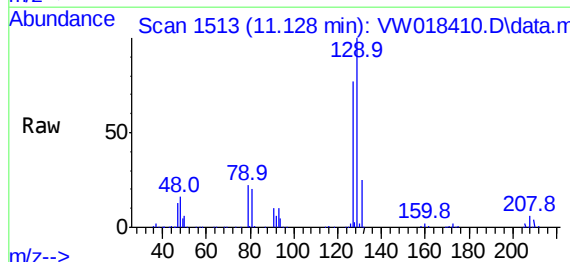
Ion	Ratio	Lower	Upper
43	100		
58	58.5	47.3	70.9
57	21.7	17.3	25.9
100	13.7	12.9	19.3

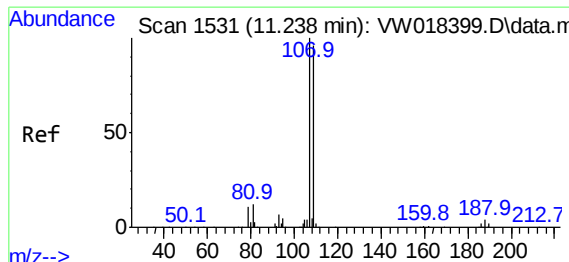


#50
Dibromochloromethane
Concen: 26.18 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 129 Resp: 157764

Ion	Ratio	Lower	Upper
129	100		
127	76.8	58.0	107.6

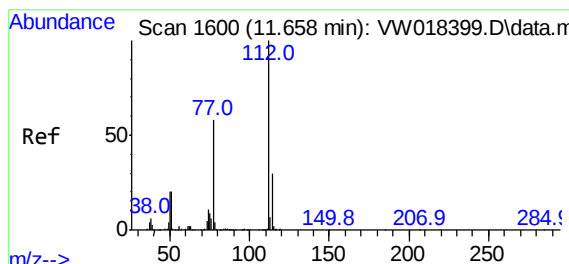
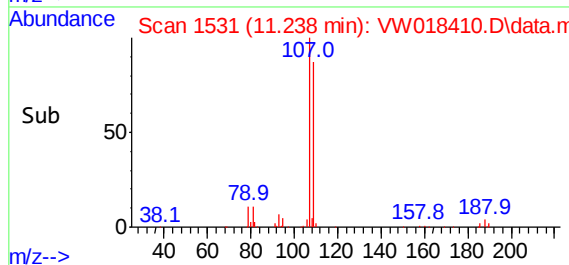
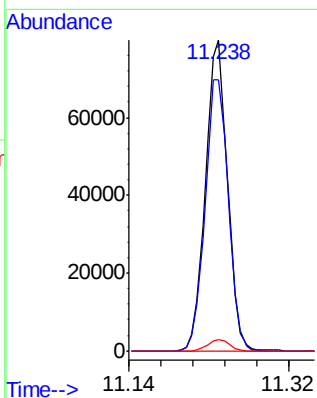
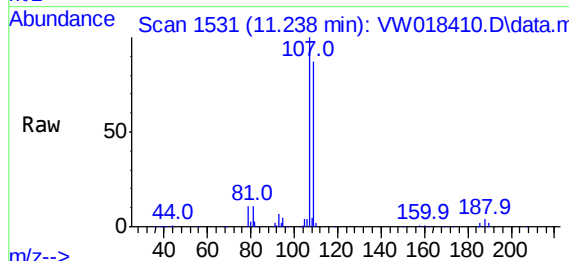




#51
1,2-Dibromoethane
Concen: 26.88 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

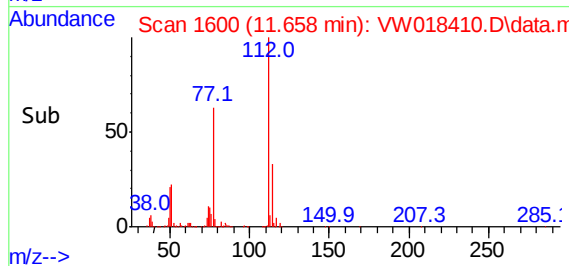
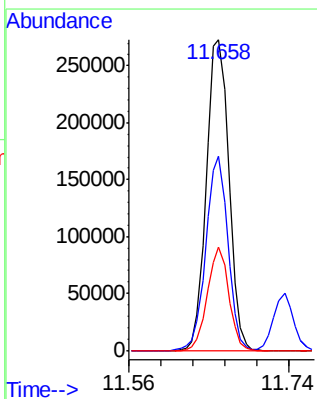
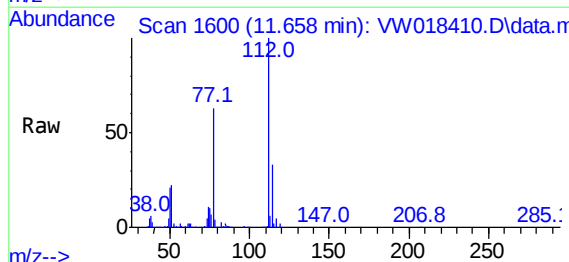
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

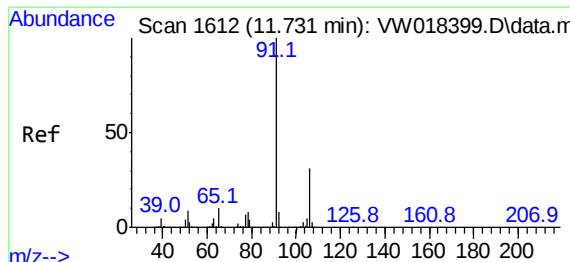
Tgt Ion:107 Resp: 136093
Ion Ratio Lower Upper
107 100
109 87.4 65.9 122.5
188 3.5 3.0 4.4



#52
Chlorobenzene
Concen: 25.38 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:112 Resp: 479498
Ion Ratio Lower Upper
112 100
77 62.5 45.4 68.2
114 33.4 22.5 41.9

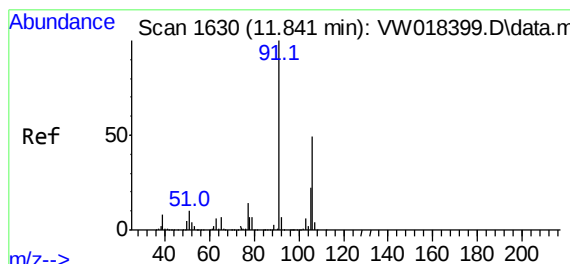
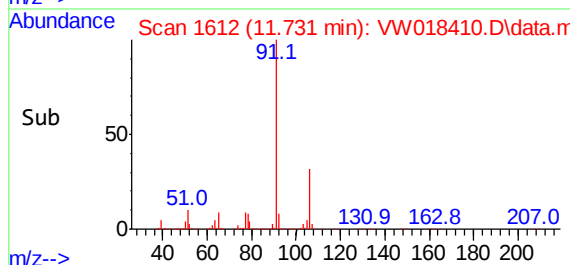
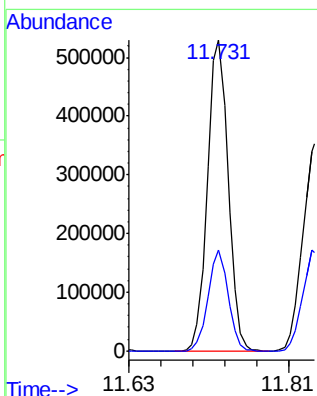
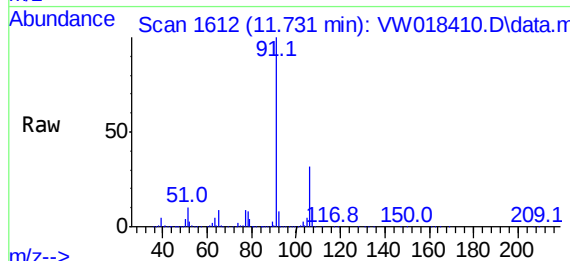




#53
Ethylbenzene
Concen: 25.43 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

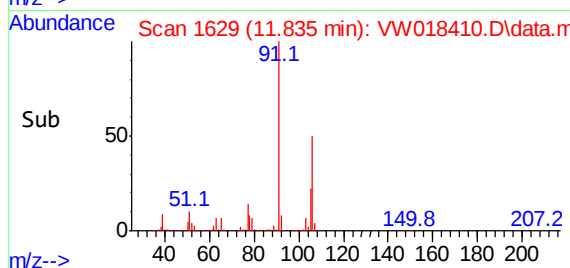
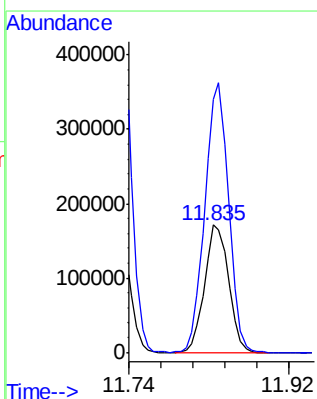
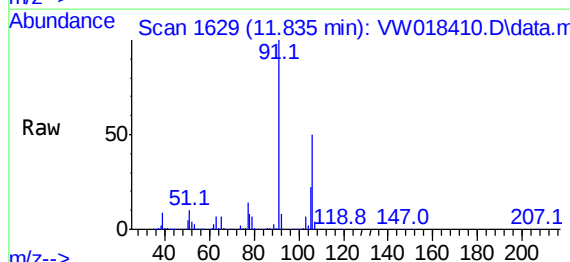
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

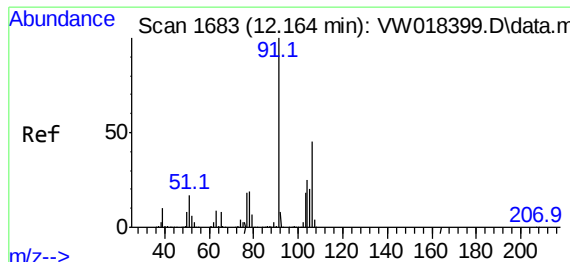
Tgt Ion: 91 Resp: 854253
Ion Ratio Lower Upper
91 100
106 32.2 21.7 40.3



#54
m,p-Xylene
Concen: 24.89 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 106 Resp: 319484
Ion Ratio Lower Upper
106 100
91 198.5 145.3 269.8

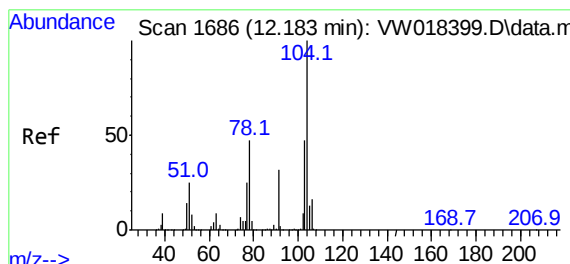
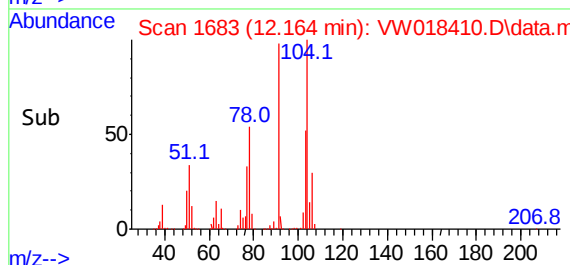
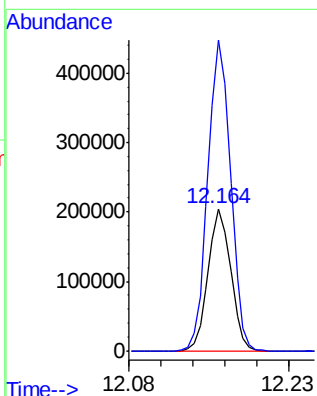
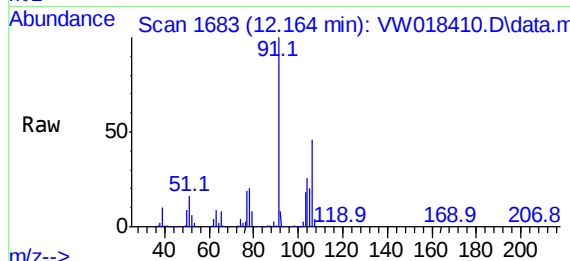




#55
o-xylene
Concen: 25.81 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

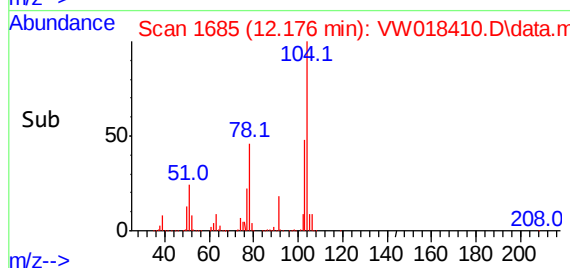
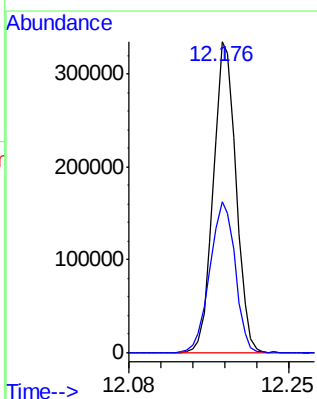
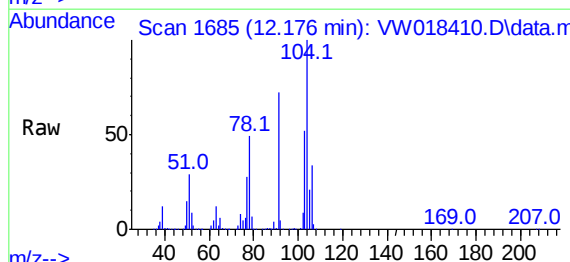
Instrument :
MSVOA_W
ClientSampled :
VSTD02507

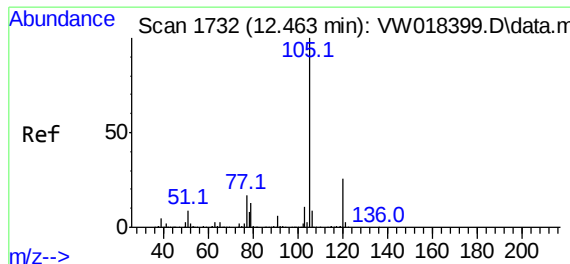
Tgt Ion:106 Resp: 315758
Ion Ratio Lower Upper
106 100
91 218.6 154.3 286.5



#56
Styrene
Concen: 26.16 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:104 Resp: 545760
Ion Ratio Lower Upper
104 100
78 48.7 34.7 64.5

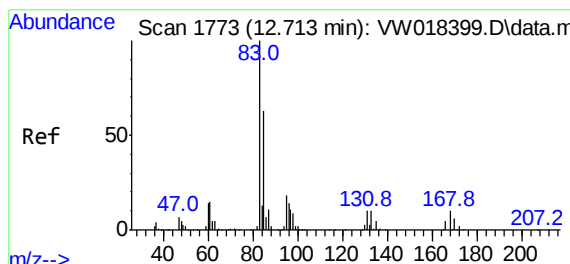
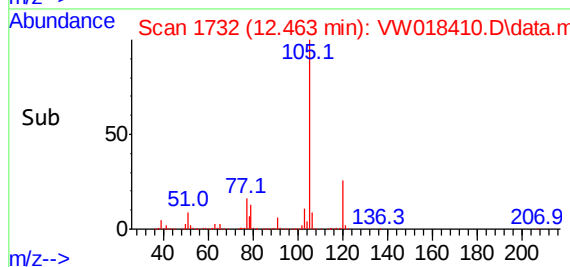
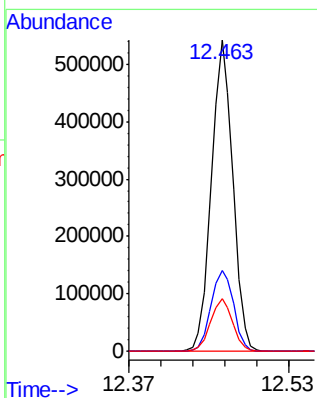
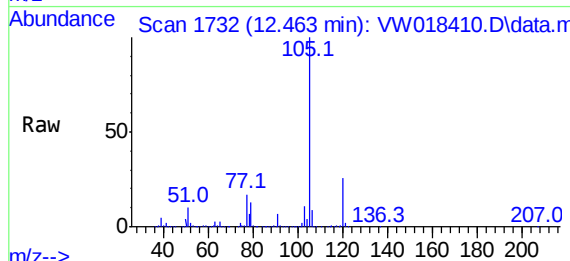




#57
Isopropylbenzene
Concen: 24.91 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

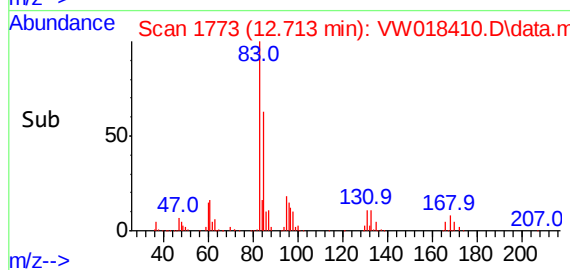
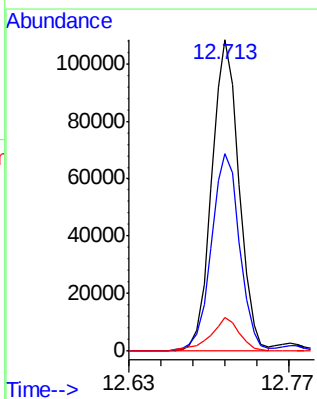
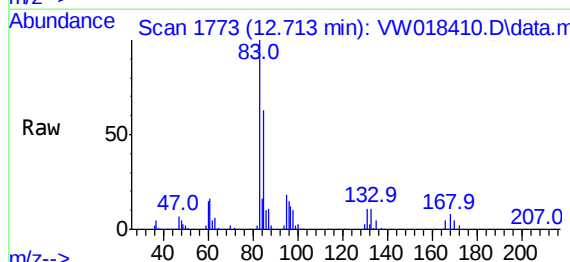
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

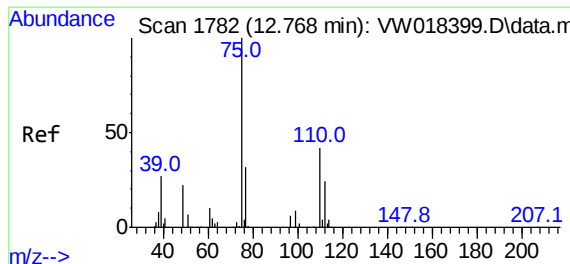
Tgt Ion:105 Resp: 829020
Ion Ratio Lower Upper
105 100
120 27.2 20.9 31.3
77 17.0 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 28.36 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 83 Resp: 175457
Ion Ratio Lower Upper
83 100
85 63.2 49.0 91.0
131 10.5 8.7 13.1

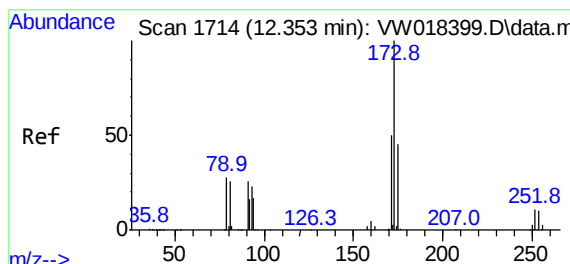
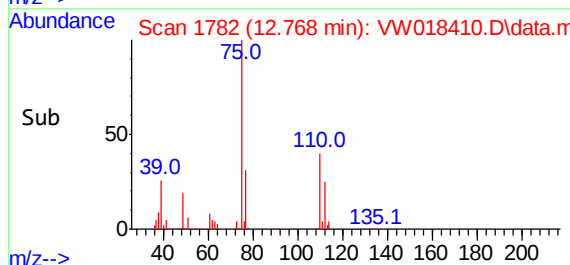
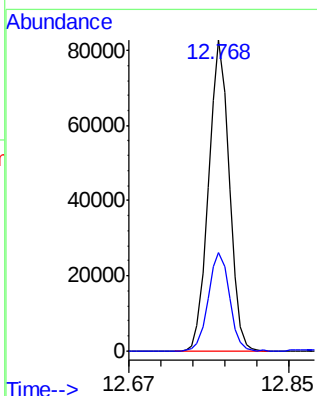
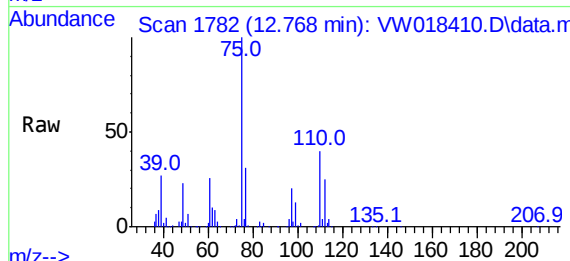




#59
1,2,3-Trichloropropane
Concen: 28.35 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

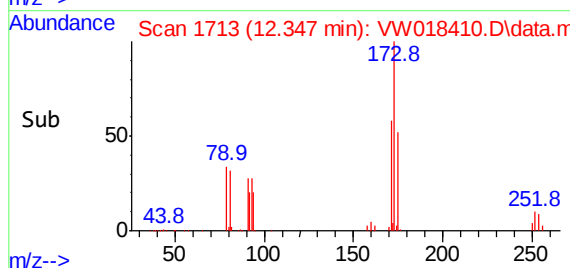
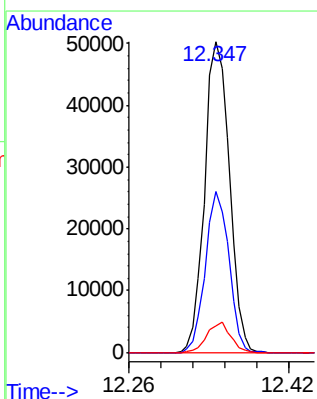
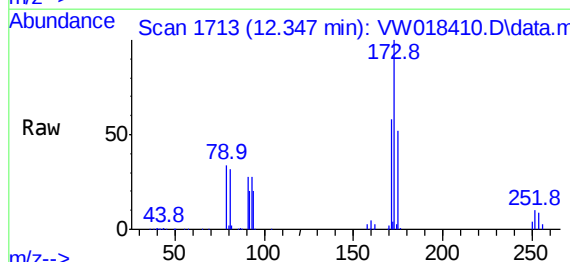
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

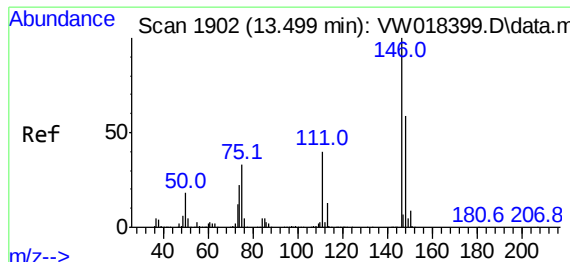
Tgt Ion: 75 Resp: 132424
Ion Ratio Lower Upper
75 100
77 32.3 25.6 38.4



#62
Bromoform
Concen: 26.48 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 173 Resp: 89627
Ion Ratio Lower Upper
173 100
175 49.2 38.2 57.2
254 9.4 6.0 9.0#

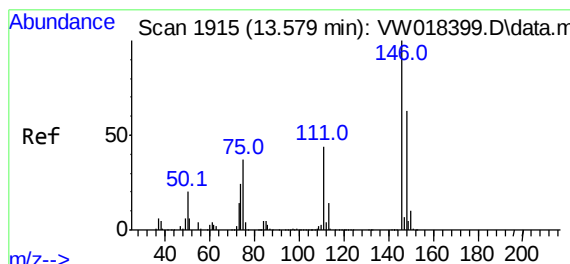
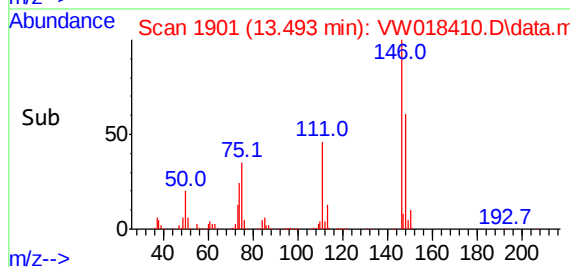
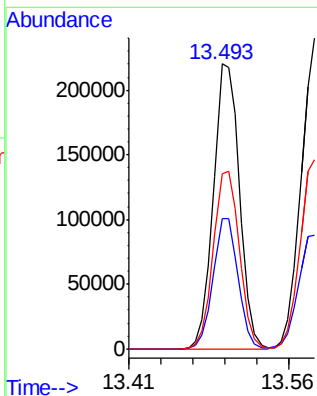
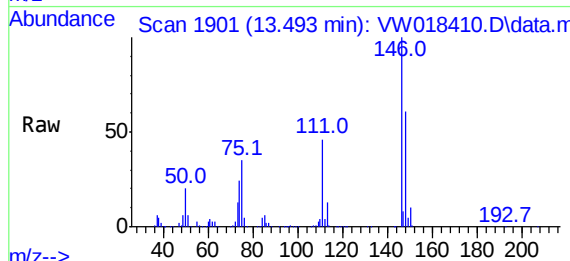




#63
1,3-Dichlorobenzene
Concen: 25.80 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

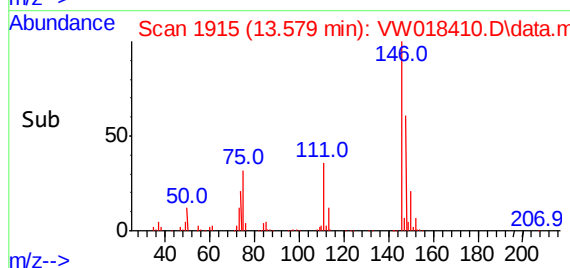
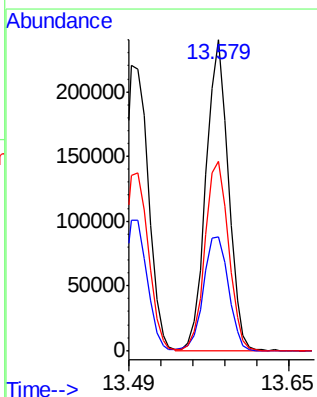
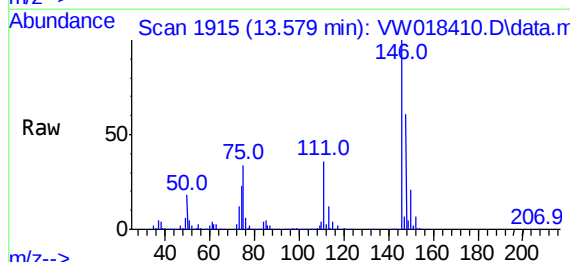
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

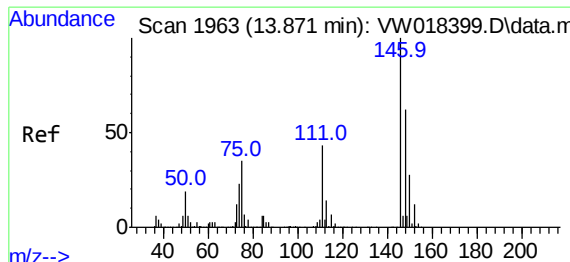
Tgt Ion:146 Resp: 364437
Ion Ratio Lower Upper
146 100
111 45.6 27.5 51.1
148 61.2 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.64 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:146 Resp: 365533
Ion Ratio Lower Upper
146 100
111 36.4 28.3 52.5
148 60.8 47.3 87.9

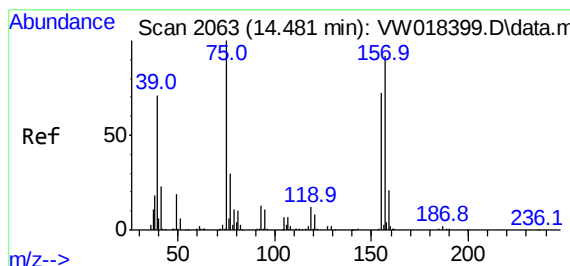
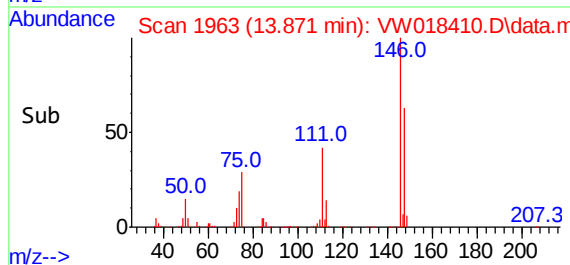
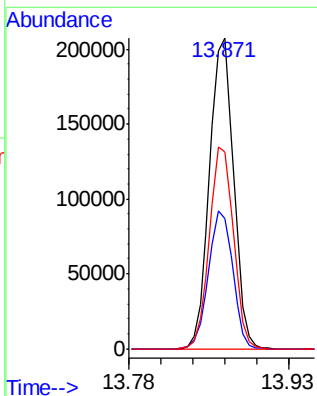
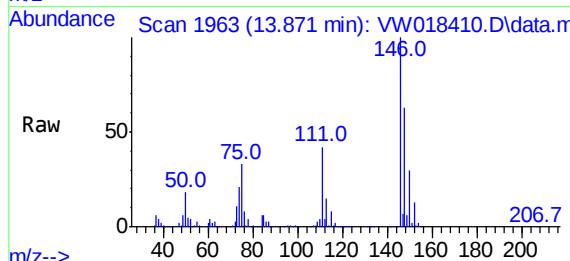




#65
1,2-Dichlorobenzene
Concen: 26.85 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

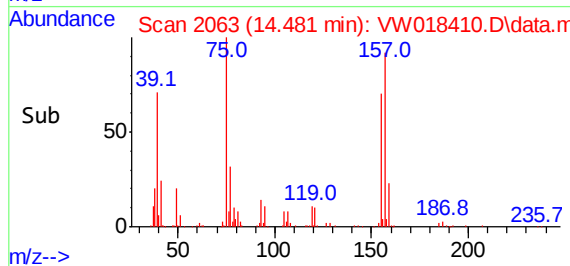
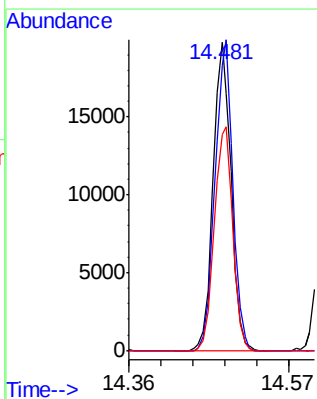
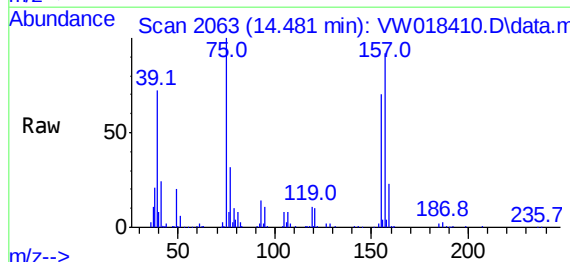
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

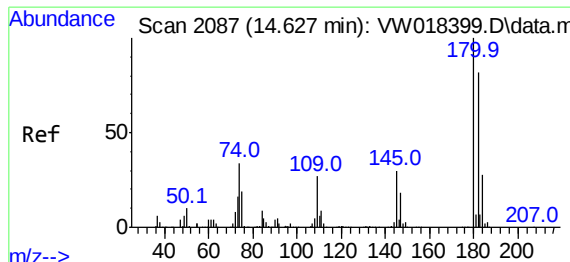
Tgt Ion:146 Resp: 339015
Ion Ratio Lower Upper
146 100
111 42.1 36.0 54.0
148 63.5 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 28.12 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion: 75 Resp: 32082
Ion Ratio Lower Upper
75 100
157 92.5 65.2 97.8
155 70.0 60.1 90.1

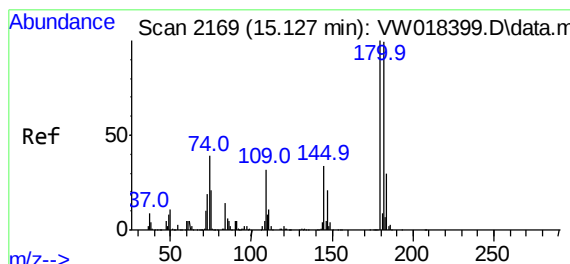
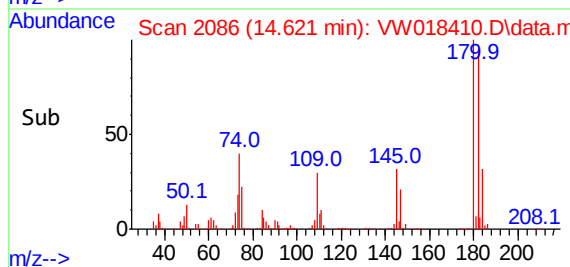
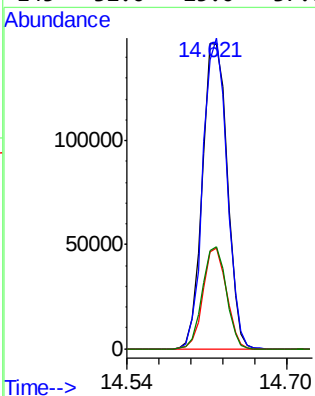
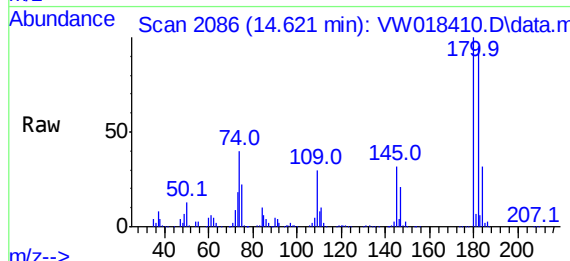




#67
1,3,5-Trichlorobenzene
Concen: 24.35 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

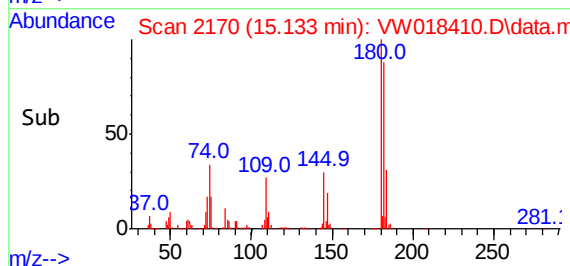
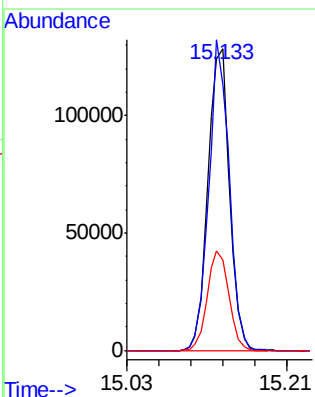
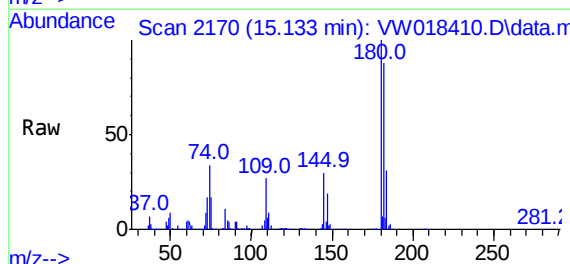
Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

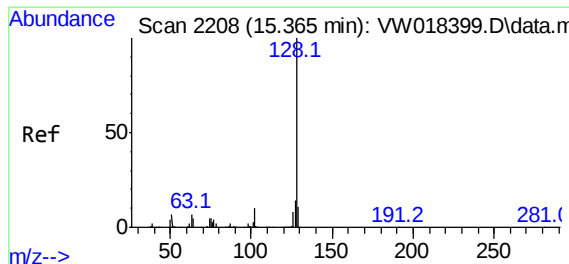
Tgt Ion:180 Resp: 248088
Ion Ratio Lower Upper
180 100
182 97.9 71.8 107.8
184 31.0 23.5 35.3
145 32.0 25.0 37.6



#68
1,2,4-trichlorobenzene
Concen: 24.78 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:180 Resp: 214772
Ion Ratio Lower Upper
180 100
182 96.8 70.2 105.4
145 33.0 24.9 37.3

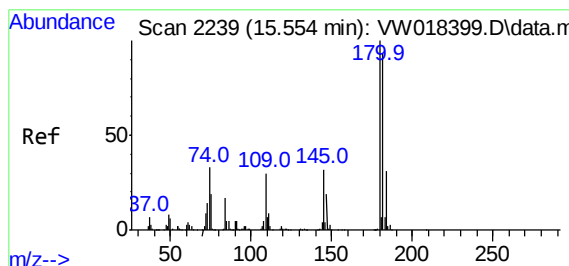
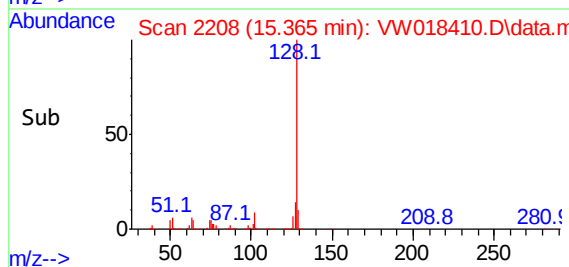
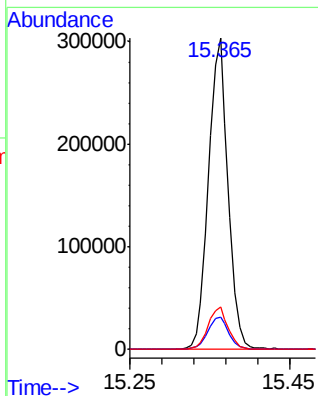
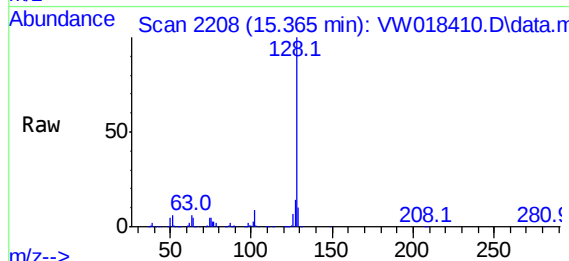




#69
Naphthalene
Concen: 28.34 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02507

Tgt Ion:128 Resp: 511608
Ion Ratio Lower Upper
128 100
129 10.8 9.1 13.7
127 13.5 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 26.11 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018410.D
Acq: 20 Mar 2021 01:15

Tgt Ion:180 Resp: 197513
Ion Ratio Lower Upper
180 100
182 96.8 76.5 114.7
145 34.2 27.7 41.5

