

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW040621\
 Data File : VW018558.D
 Acq On : 06 Apr 2021 09:48
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Apr 07 01:08:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM031921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 01:17:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440430	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	404368	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	213948	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	147404	24.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.20%
7) Chloroethane-d5	2.891	69	122363	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.24%
10) 1,1-Dichloroethene-d2	4.025	63	246292	23.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.08%
20) 2-Butanone-d5	7.074	46	72243	52.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.90%
24) Chloroform-d	7.647	84	261824	23.34	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.36%
26) 1,2-Dichloroethane-d4	8.305	65	149910	22.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.56%
29) Benzene-d6	8.275	84	483990	22.51	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.04%
33) 1,2-Dichloropropane-d6	9.274	67	141814	22.87	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.48%
37) Toluene-d8	10.323	98	472129	22.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.24%
38) trans-1,3-Dichloroprop...	10.579	79	69104	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.44%
39) 2-Hexanone-d5	10.921	63	56979	46.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.90%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	139391	25.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.52%
61) 1,2-Dichlorobenzene-d4	13.853	152	164977	21.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.76%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	127177	25.14	ug/L	92
3) Chloromethane	2.215	50	145164	22.76	ug/L	98
5) Vinyl chloride	2.367	62	230213	27.49	ug/L	100
6) Bromomethane	2.782	94	153980	25.46	ug/L	100
8) Chloroethane	2.928	64	142602	27.31	ug/L	97
9) Trichlorofluoromethane	3.257	101	110401	26.21	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	157474	29.07	ug/L	98
12) 1,1-Dichloroethene	4.038	96	152942	27.66	ug/L	99
13) Acetone	4.117	43	58879	60.07	ug/L	97
14) Carbon disulfide	4.385	76	453547	27.24	ug/L	99
15) Methyl Acetate	4.672	43	68380	30.50	ug/L	98
16) Methylene chloride	4.915	84	161129	22.30	ug/L	91
17) Methyl tert-butyl Ether	5.428	73	205813	25.48	ug/L	98
18) trans-1,2-Dichloroethene	5.421	96	164333	26.92	ug/L	97
19) 1,1-Dichloroethane	6.214	63	284266	27.30	ug/L	99
21) 2-Butanone	7.165	43	91292	58.62	ug/L	96
22) cis-1,2-Dichloroethene	7.171	96	173831	27.08	ug/L	97
23) Bromochloromethane	7.513	128	78531	27.64	ug/L	89
25) Chloroform	7.671	83	307011	27.78	ug/L	99
27) 1,2-Dichloroethane	8.397	62	218550	27.87	ug/L	99

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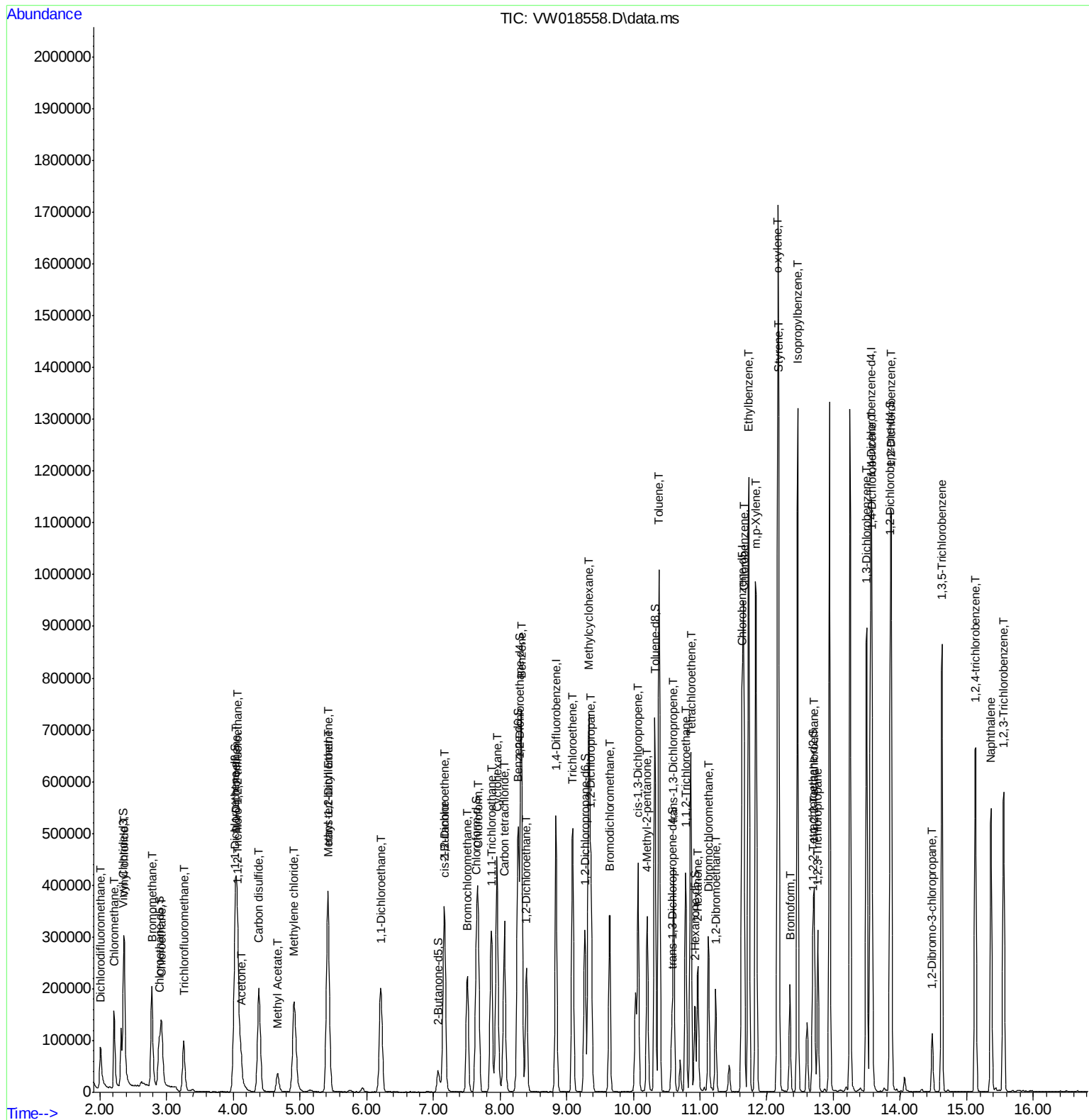
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	253194	26.38	ug/L	98
31) 1,1,1-Trichloroethane	7.872	97	250884	27.76	ug/L	98
32) Carbon tetrachloride	8.067	117	244949	29.08	ug/L	99
34) Benzene	8.323	78	646122	27.59	ug/L	100
35) Trichloroethene	9.092	95	178138	27.53	ug/L	98
36) Methylcyclohexane	9.335	83	306500	27.05	ug/L	99
40) 1,2-Dichloropropane	9.366	63	153206	26.74	ug/L	98
41) Bromodichloromethane	9.640	83	228532	28.22	ug/L	97
42) cis-1,3-Dichloropropene	10.073	75	253664	26.18	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	201461	58.48	ug/L	96
44) Toluene	10.384	91	748010	28.10	ug/L	93
45) trans-1,3-Dichloropropene	10.603	75	234106	26.91	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	128760	28.19	ug/L	96
47) Tetrachloroethene	10.866	164	138368	28.17	ug/L	93
49) 2-Hexanone	10.969	43	143018	58.67	ug/L	97
50) Dibromochloromethane	11.128	129	153077	28.42	ug/L	96
51) 1,2-Dibromoethane	11.231	107	129285	28.58	ug/L	99
52) Chlorobenzene	11.658	112	463249	27.44	ug/L	99
53) Ethylbenzene	11.731	91	822330	27.40	ug/L	98
54) m,p-Xylene	11.841	106	315217	27.48	ug/L	94
55) o-xylene	12.164	106	297034	27.16	ug/L	95
56) Styrene	12.182	104	512424	27.48	ug/L	95
57) Isopropylbenzene	12.463	105	837597	28.16	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	165194	29.88	ug/L	96
59) 1,2,3-Trichloropropane	12.768	75	123235	29.53	ug/L	98
62) Bromoform	12.347	173	87109	26.55	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	353188	25.79	ug/L	95
64) 1,4-Dichlorobenzene	13.579	146	358841	25.97	ug/L	94
65) 1,2-Dichlorobenzene	13.865	146	320328	26.17	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	28497	25.76	ug/L	92
67) 1,3,5-Trichlorobenzene	14.627	180	260692	26.40	ug/L	98
68) 1,2,4-trichlorobenzene	15.133	180	212726	25.32	ug/L	98
69) Naphthalene	15.365	128	451837	25.82	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	180079	24.56	ug/L	100

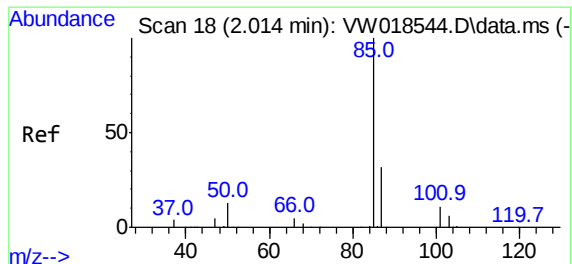
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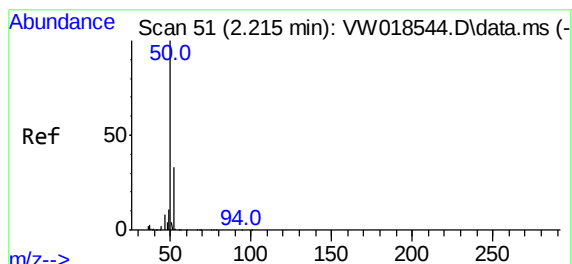
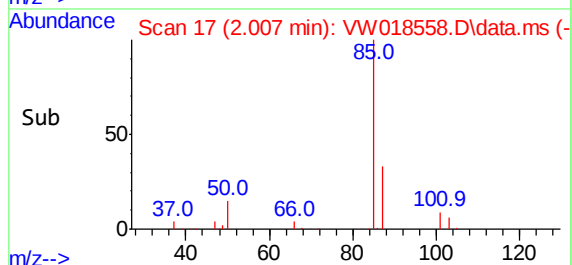
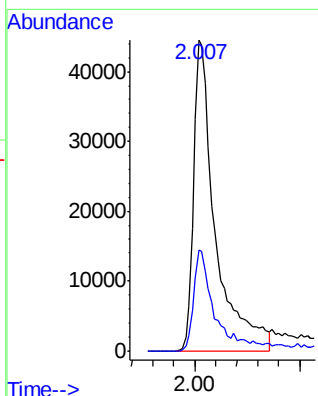
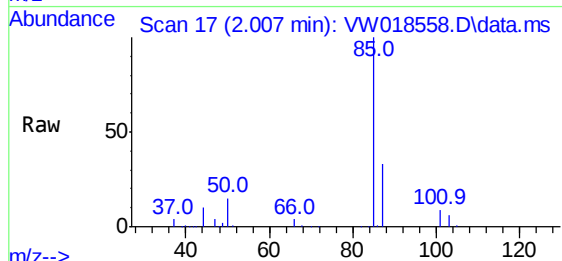




#2
Dichlorodifluoromethane
Concen: 25.14 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

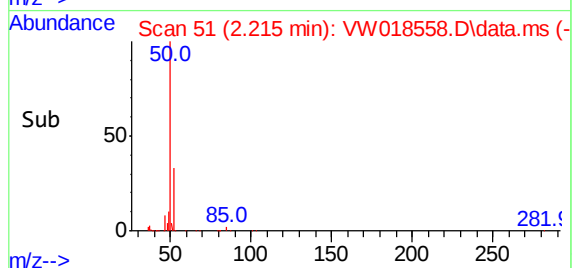
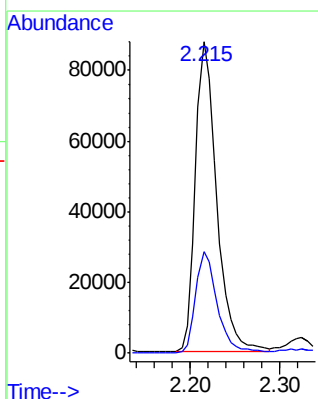
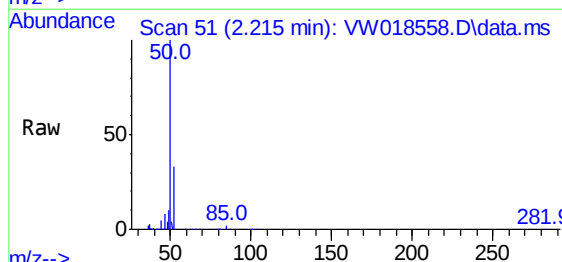
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

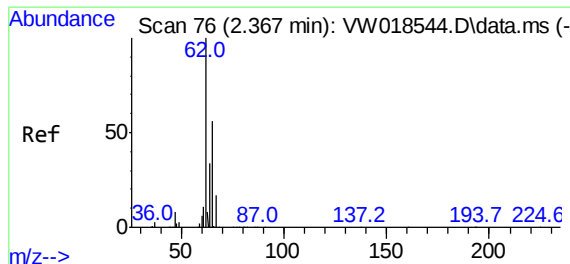
Tgt Ion: 85 Resp: 127177
Ion Ratio Lower Upper
85 100
87 27.3 22.2 41.2



#3
Chloromethane
Concen: 22.76 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 50 Resp: 145164
Ion Ratio Lower Upper
50 100
52 32.6 23.7 43.9



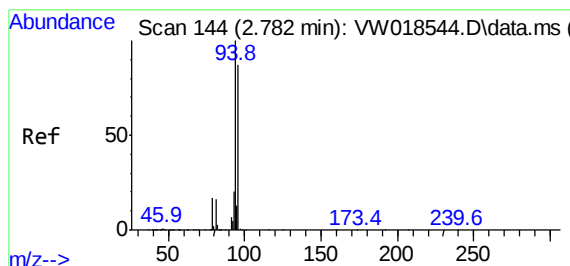
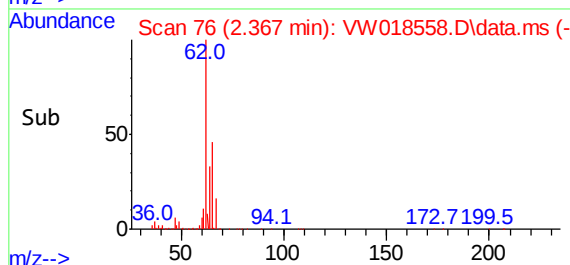
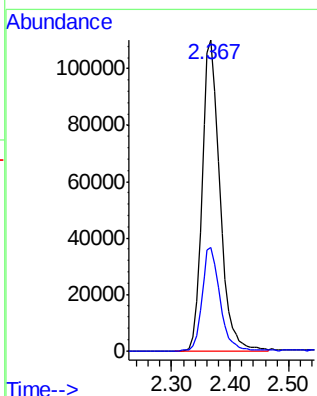
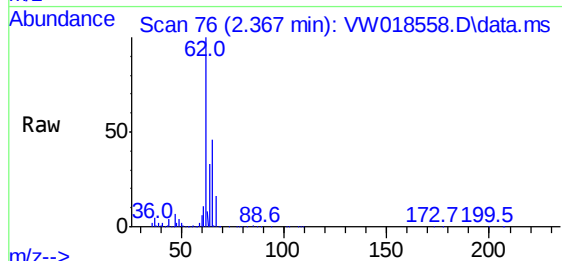


#5
 Vinyl chloride
 Concen: 27.49 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW018558.D
 Acq: 06 Apr 2021 09:48

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Tgt Ion: 62 Resp: 230213

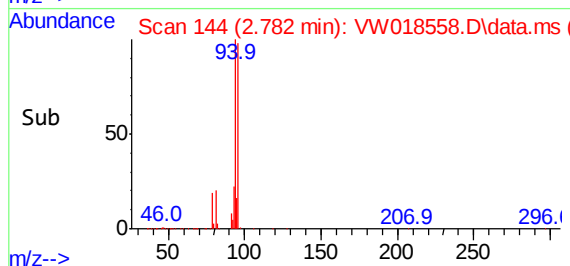
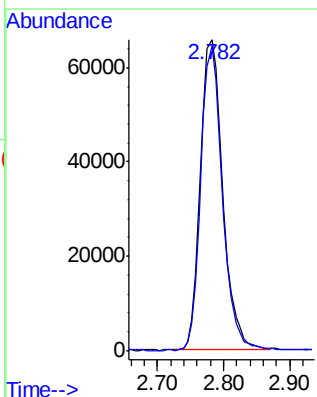
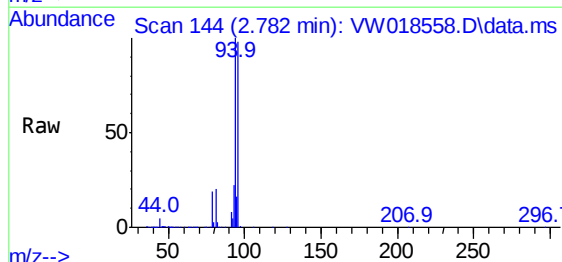
Ion	Ratio	Lower	Upper
62	100		
64	33.4	23.5	43.7

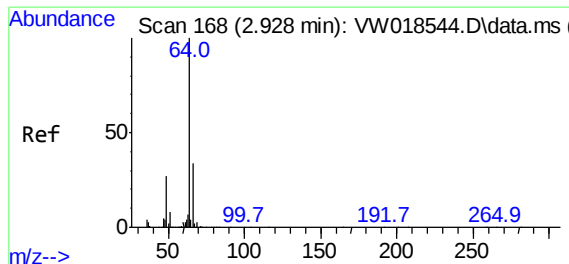


#6
 Bromomethane
 Concen: 25.46 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW018558.D
 Acq: 06 Apr 2021 09:48

Tgt Ion: 94 Resp: 153980

Ion	Ratio	Lower	Upper
94	100		
96	94.7	9.4	179.4

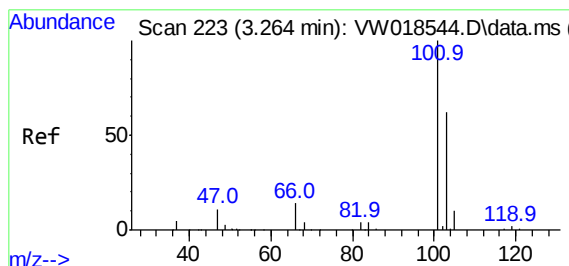
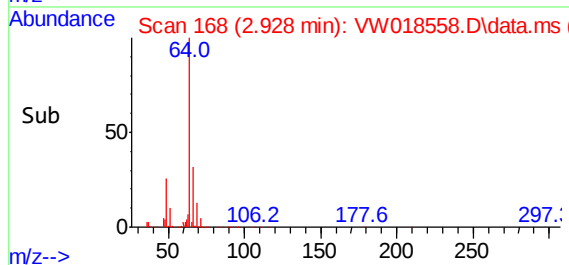
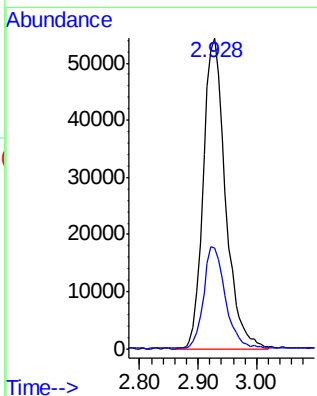
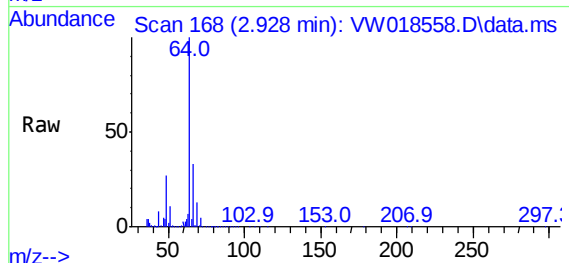




#8
Chloroethane
Concen: 27.31 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

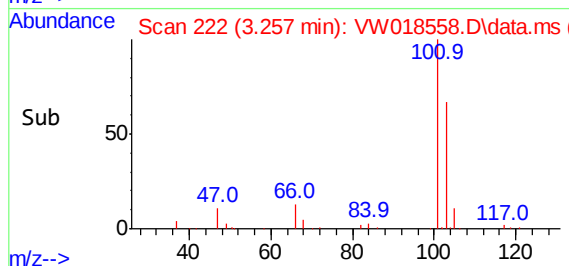
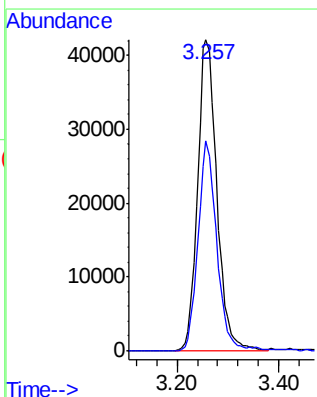
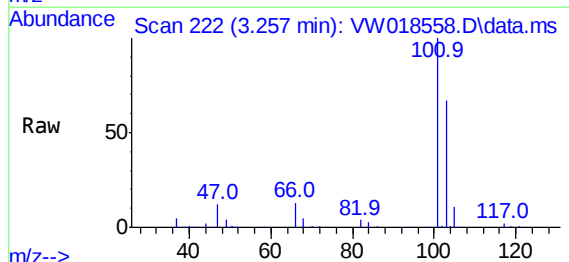
Instrument :
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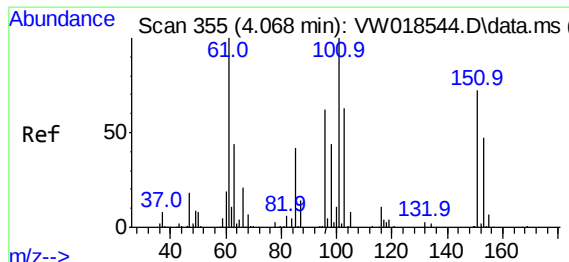
Tgt Ion: 64 Resp: 142602
Ion Ratio Lower Upper
64 100
66 32.6 21.6 40.0



#9
Trichlorofluoromethane
Concen: 26.21 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 101 Resp: 110401
Ion Ratio Lower Upper
101 100
103 64.9 45.6 84.8



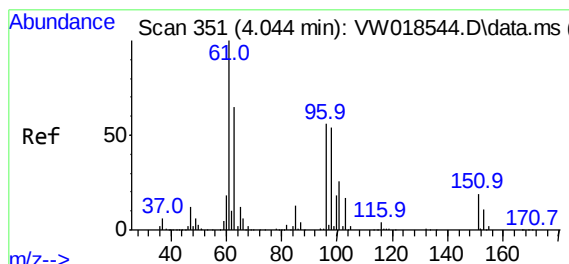
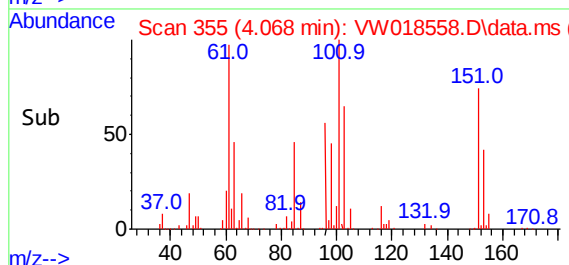
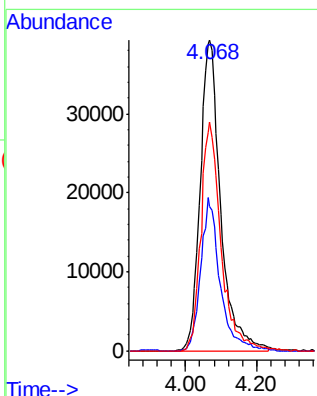
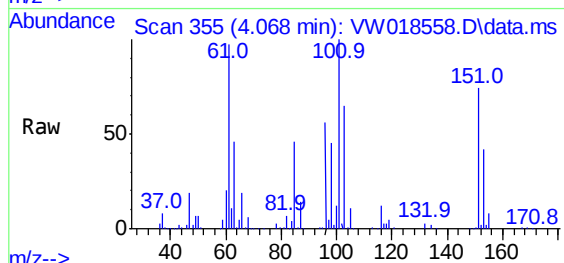


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 29.07 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018558.D
 Acq: 06 Apr 2021 09:48

Instrument :
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 ClientSampleId :
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Tgt Ion:101 Resp: 157474

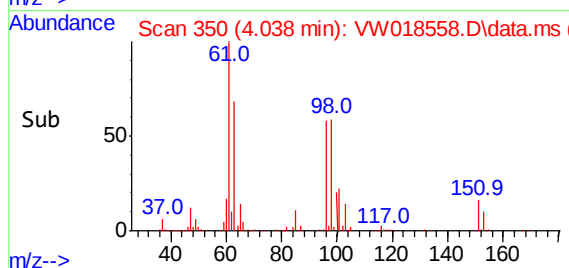
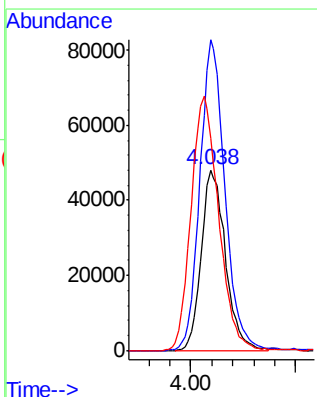
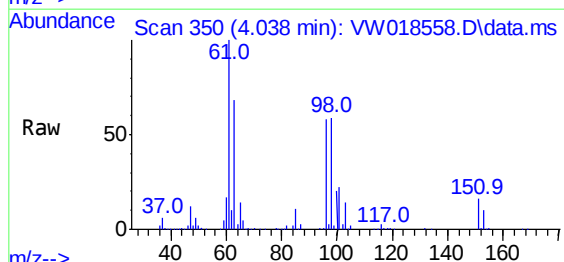
Ion	Ratio	Lower	Upper
101	100		
85	45.8	35.6	53.4
151	70.7	58.1	87.1

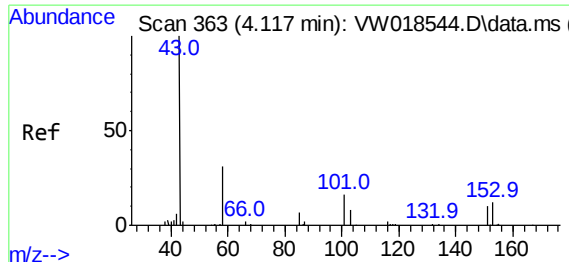


#12
 1,1-Dichloroethene
 Concen: 27.66 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW018558.D
 Acq: 06 Apr 2021 09:48

Tgt Ion: 96 Resp: 152942

Ion	Ratio	Lower	Upper
96	100		
61	172.5	118.6	220.2
63	118.1	82.4	153.0

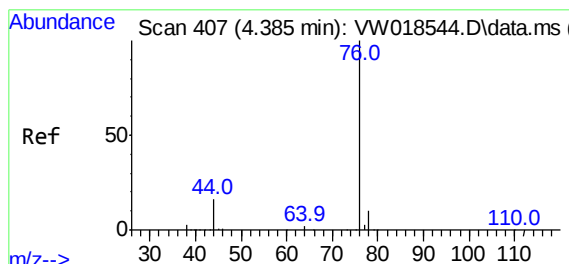
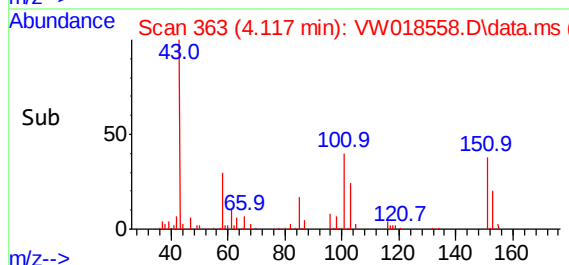
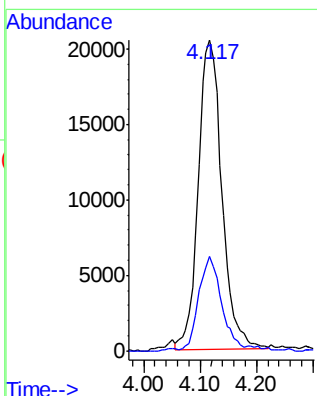
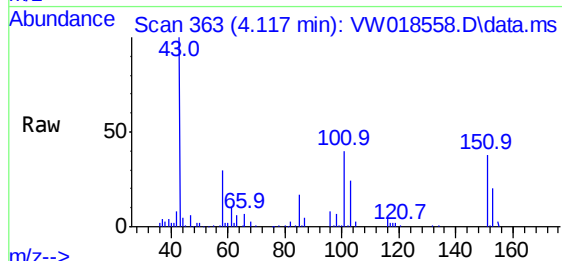




#13
Acetone
Concen: 60.07 ug/L
RT: 4.117 min Scan# 363
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

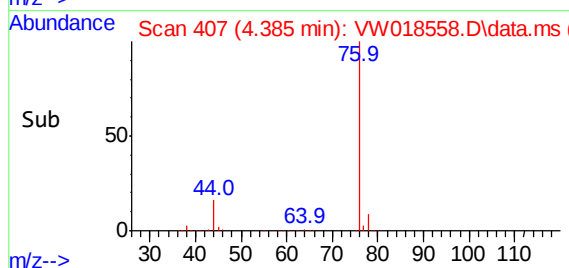
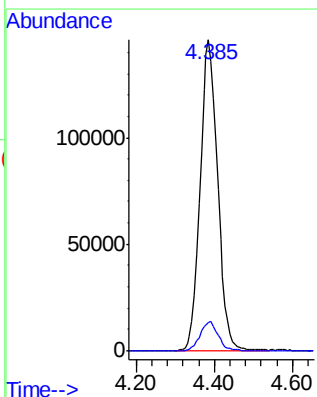
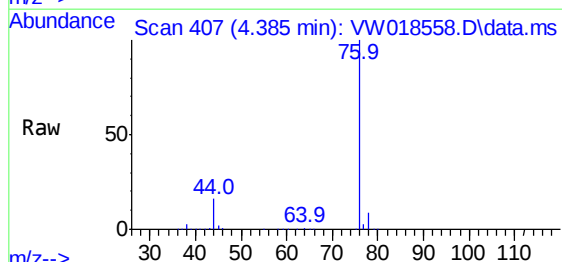
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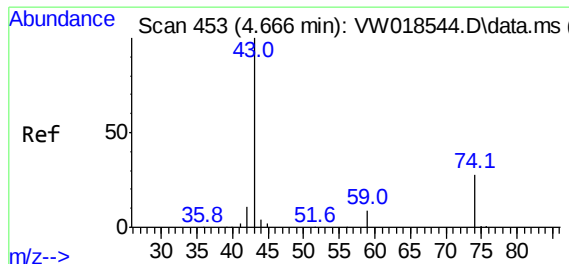
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Ion Ratio Lower Upper
43 100
58 29.4 0.0 62.2



#14
Carbon disulfide
Concen: 27.24 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 76 Resp: 453547
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

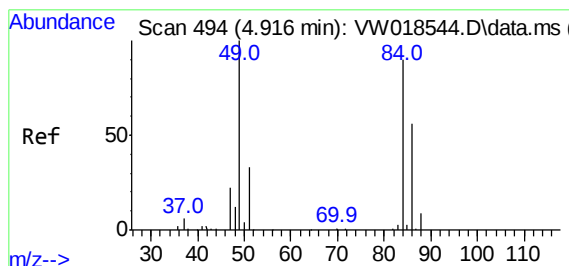
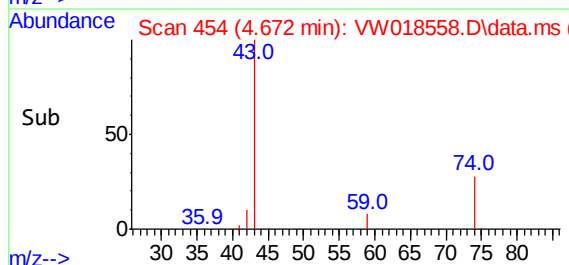
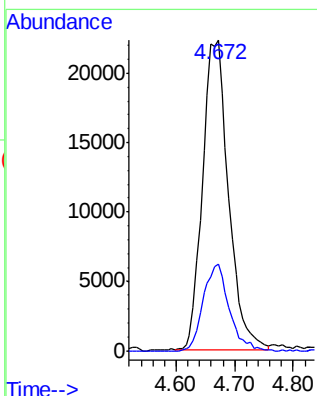
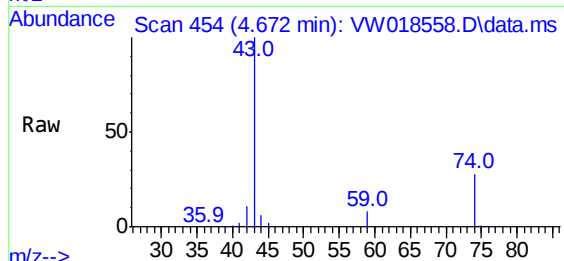




#15
Methyl Acetate
Concen: 30.50 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

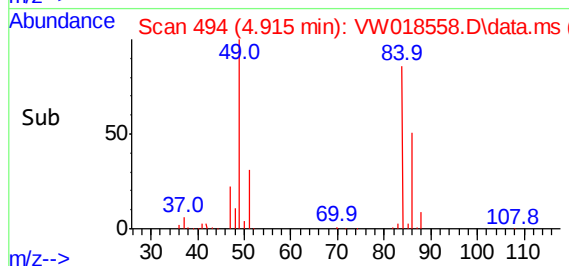
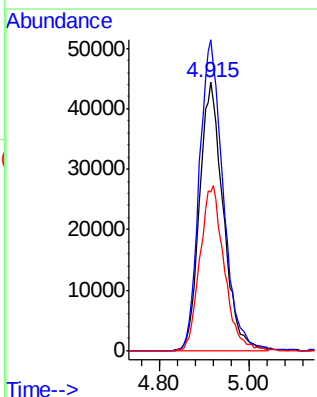
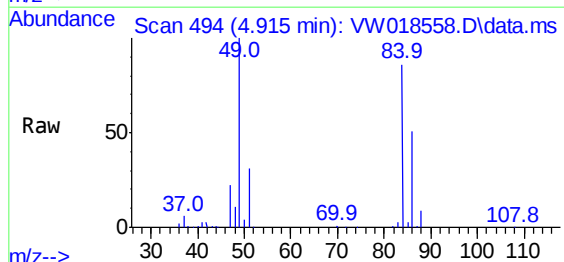
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

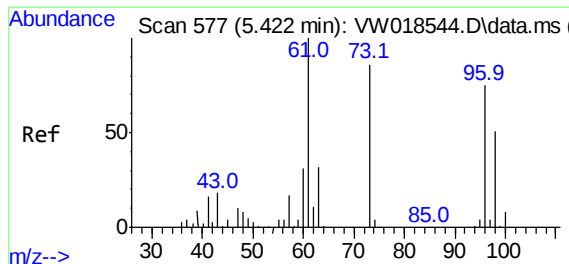
Tgt Ion: 43 Resp: 68380
Ion Ratio Lower Upper
43 100
74 27.6 22.9 34.3



#16
Methylene chloride
Concen: 22.30 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 84 Resp: 161129
Ion Ratio Lower Upper
84 100
49 115.9 74.4 138.2
86 58.9 46.1 85.7

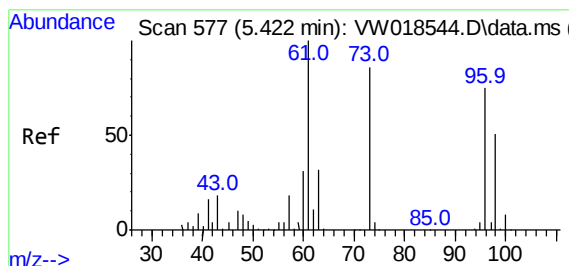
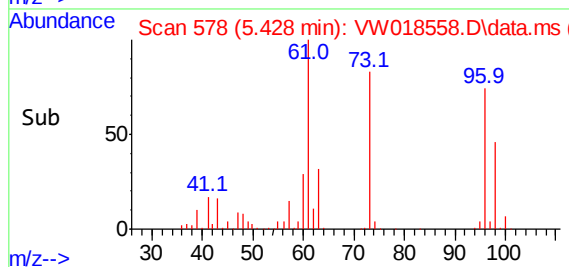
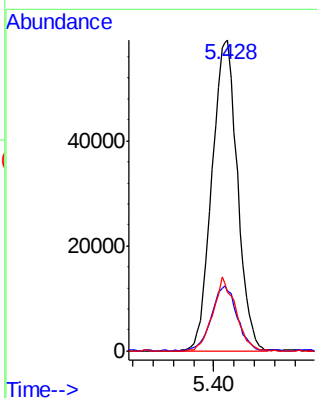
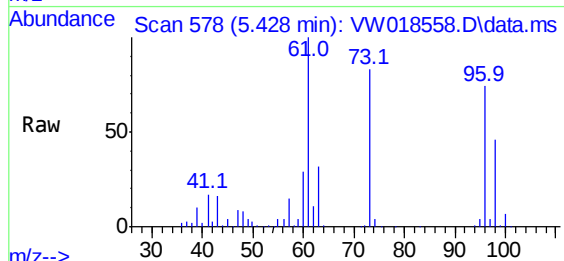




#17
Methyl tert-butyl Ether
Concen: 25.48 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

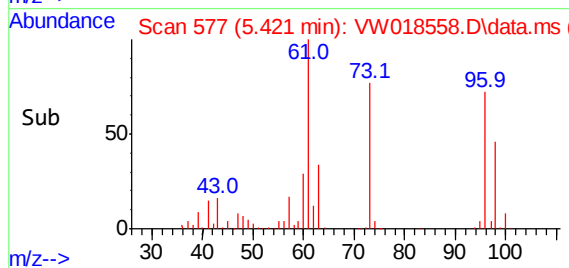
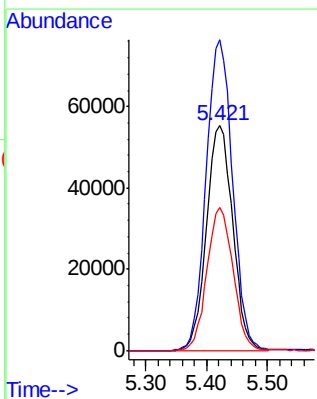
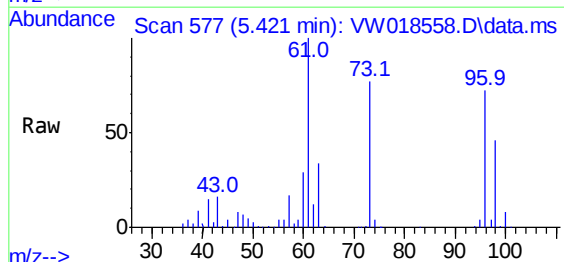
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

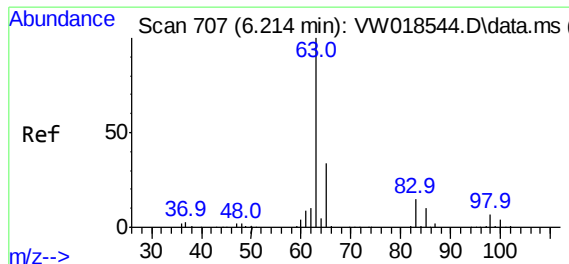
Tgt Ion: 73 Resp: 205813
Ion Ratio Lower Upper
73 100
43 21.0 16.6 24.8
57 21.2 15.9 23.9



#18
trans-1,2-Dichloroethene
Concen: 26.92 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 96 Resp: 164333
Ion Ratio Lower Upper
96 100
61 138.1 93.3 173.3
98 63.3 45.2 84.0

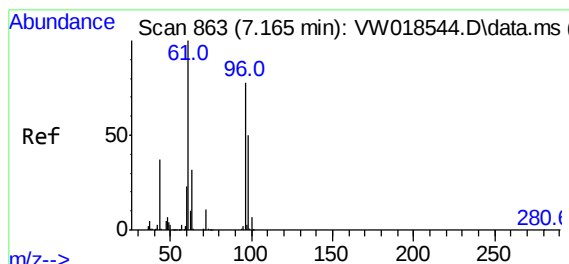
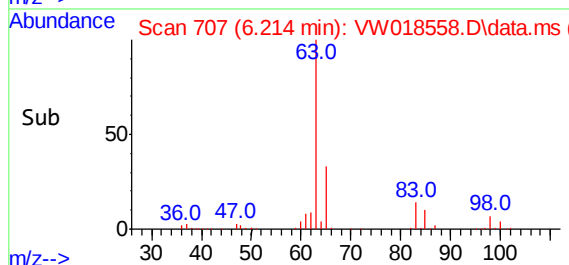
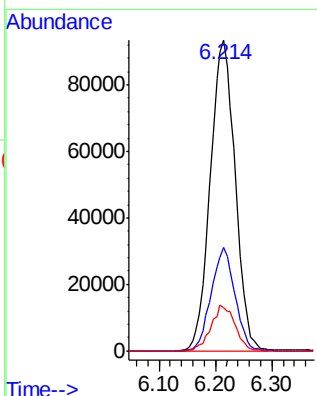
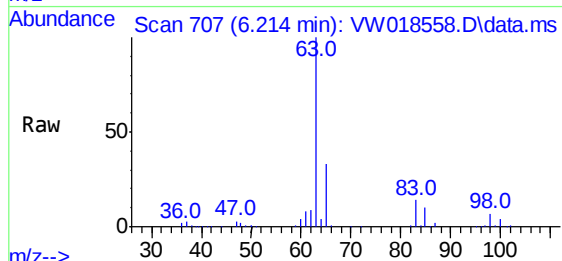




#19
1,1-Dichloroethane
Concen: 27.30 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

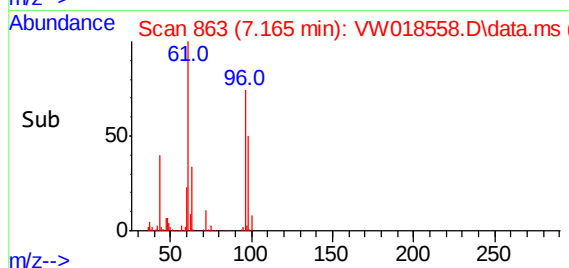
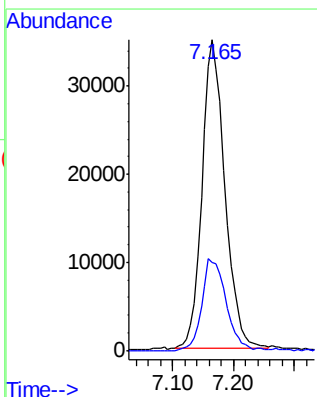
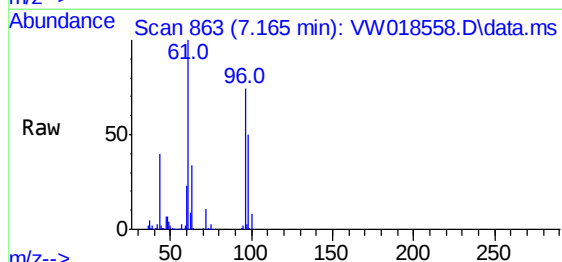
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

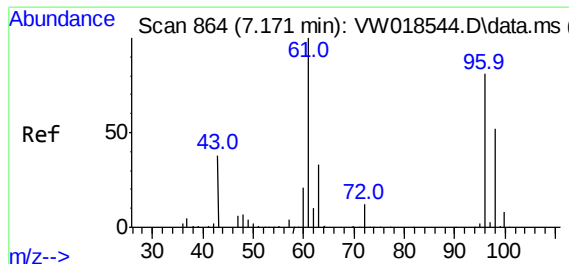
Tgt Ion:	63	Resp:	284266
Ion	Ratio	Lower	Upper
63	100		
65	33.3	23.5	43.7
83	14.0	10.3	19.1



#21
2-Butanone
Concen: 58.62 ug/L
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion:	43	Resp:	91292
Ion	Ratio	Lower	Upper
43	100		
72	30.8	16.5	49.5



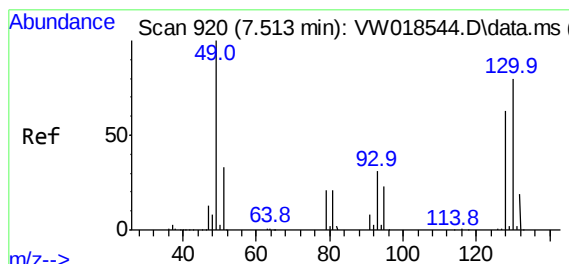
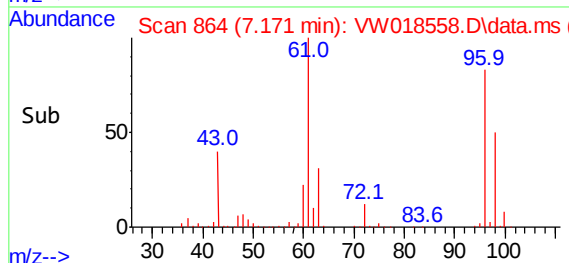
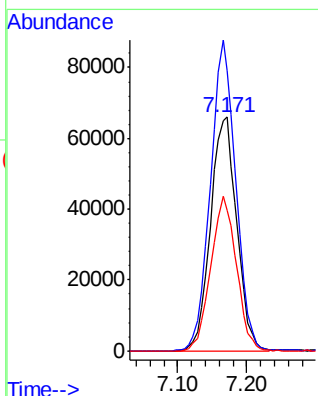
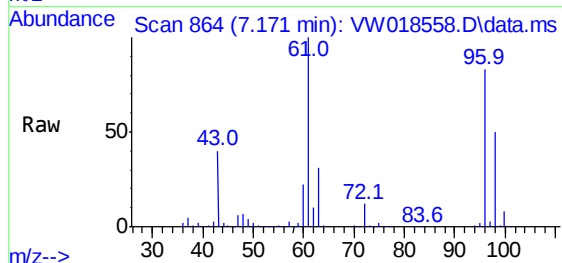


#22
cis-1,2-Dichloroethene
Concen: 27.08 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 96 Resp: 173831

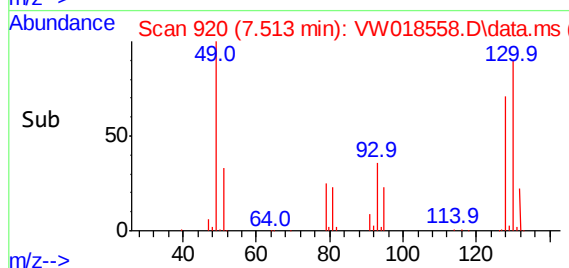
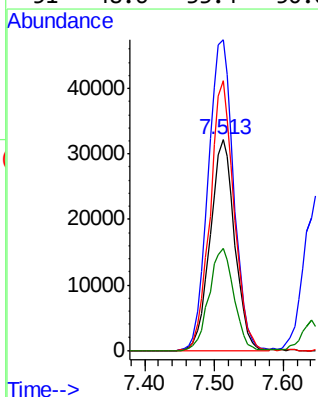
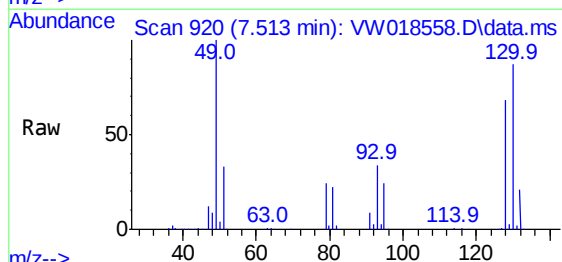
Ion	Ratio	Lower	Upper
96	100		
61	120.0	84.8	157.6
98	60.2	45.1	83.9

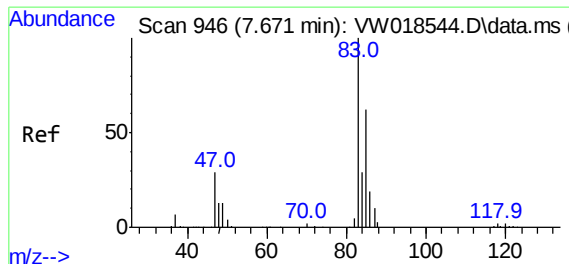


#23
Bromochloromethane
Concen: 27.64 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 128 Resp: 78531

Ion	Ratio	Lower	Upper
128	100		
49	147.7	92.4	171.6
130	128.2	83.9	155.7
51	48.6	33.4	50.0

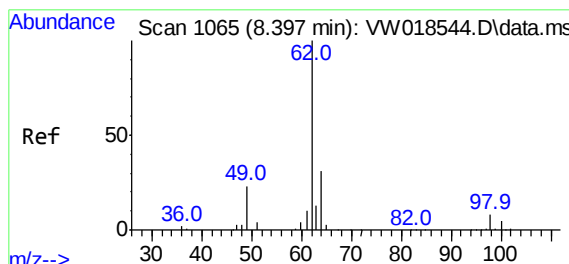
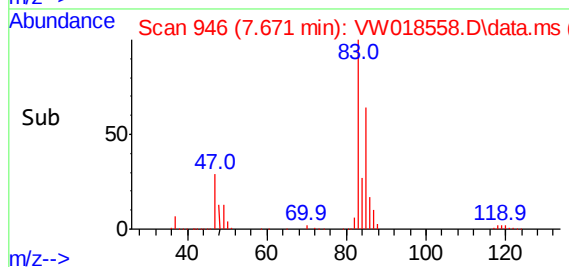
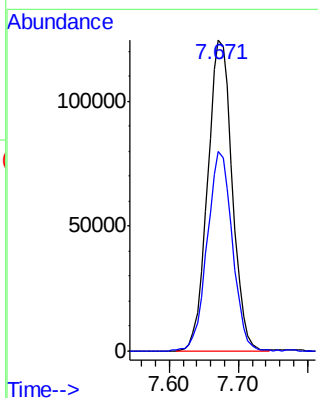
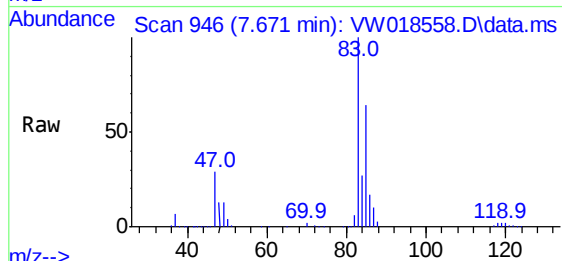




#25
Chloroform
Concen: 27.78 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

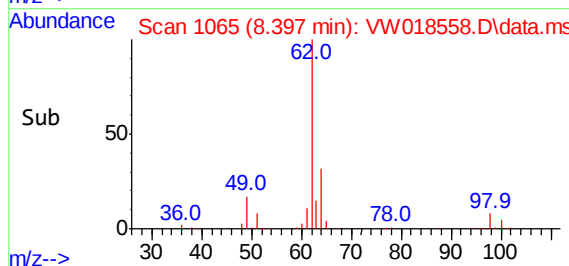
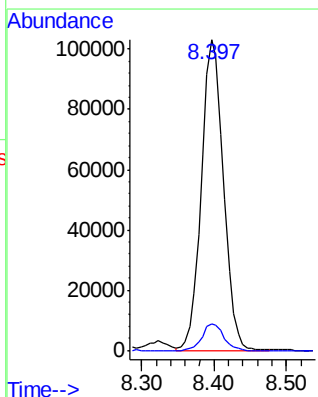
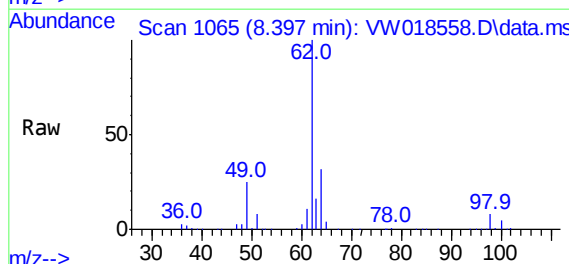
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

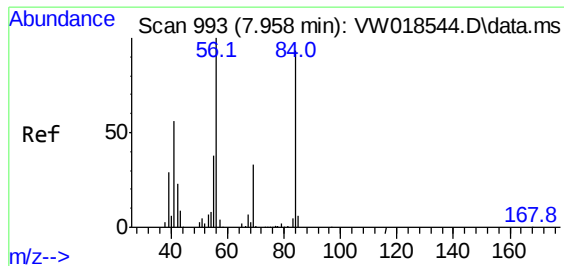
Tgt Ion: 83 Resp: 307011
Ion Ratio Lower Upper
83 100
85 65.2 46.4 86.2



#27
1,2-Dichloroethane
Concen: 27.87 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 62 Resp: 218550
Ion Ratio Lower Upper
62 100
98 8.3 6.4 9.6



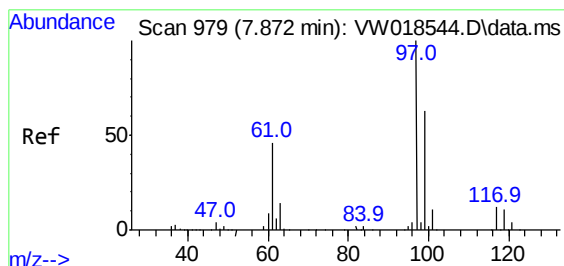
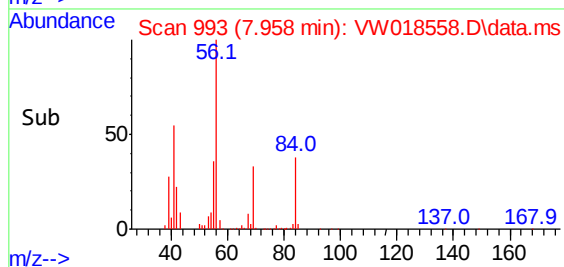
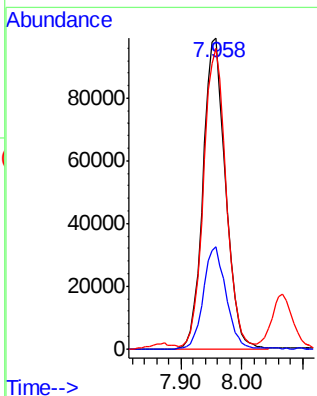
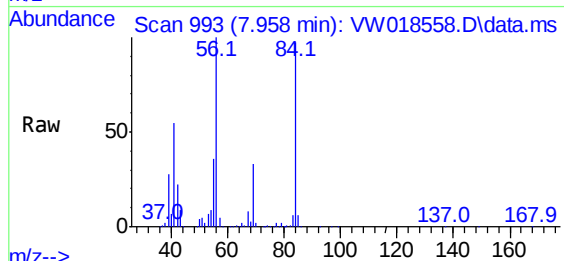


#30
Cyclohexane
Concen: 26.38 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 56 Resp: 253194

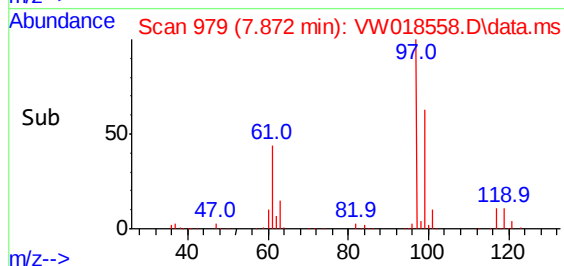
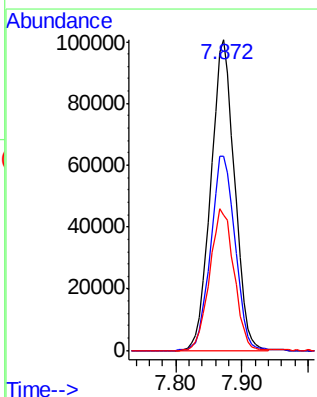
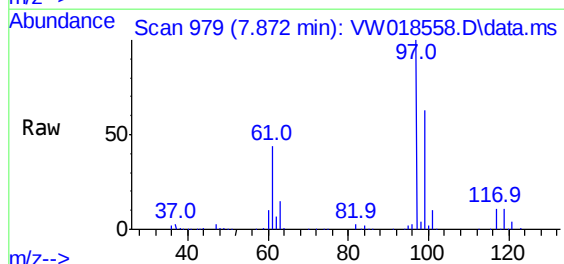
Ion	Ratio	Lower	Upper
56	100		
69	32.8	27.0	40.6
84	97.4	79.9	119.9

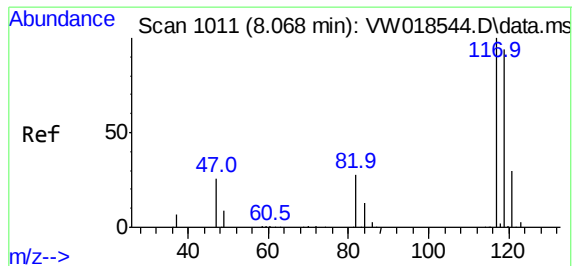


#31
1,1,1-Trichloroethane
Concen: 27.76 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 97 Resp: 250884

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	47.1	34.8	52.2

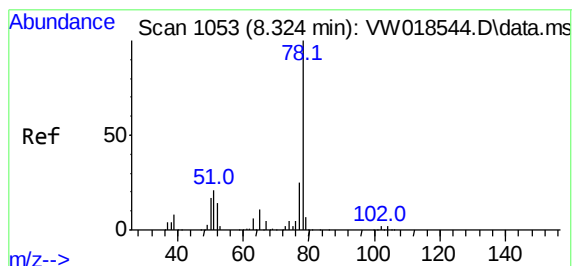
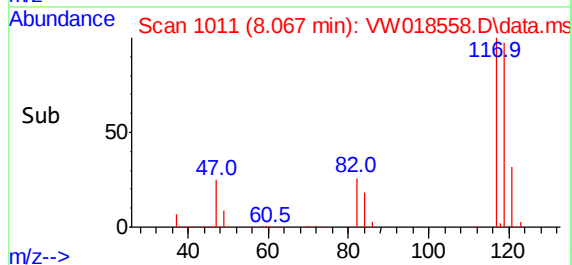
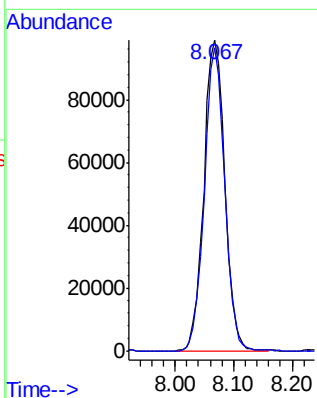
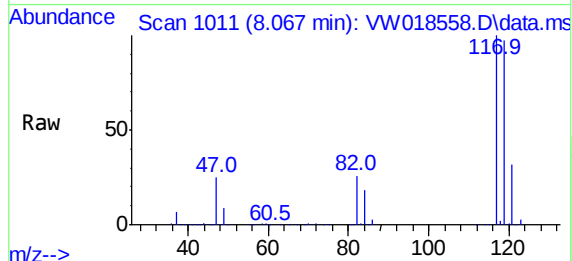




#32
Carbon tetrachloride
Concen: 29.08 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

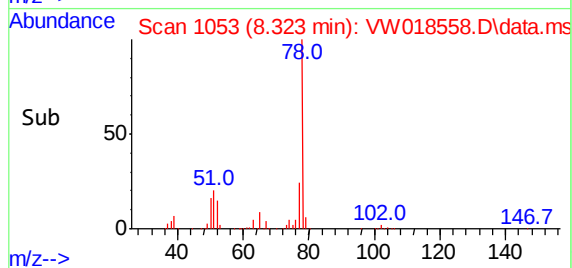
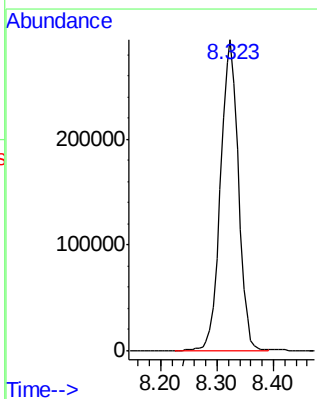
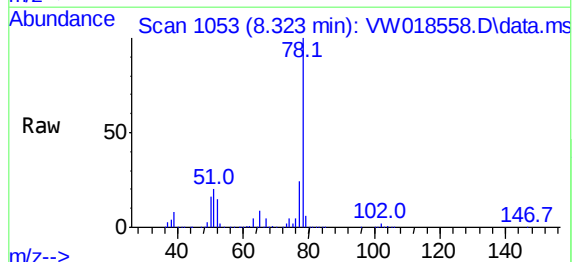
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

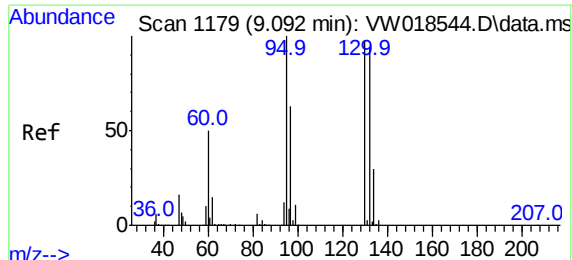
Tgt Ion:117 Resp: 244949
Ion Ratio Lower Upper
117 100
119 94.6 76.7 115.1



#34
Benzene
Concen: 27.59 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 78 Resp: 646122



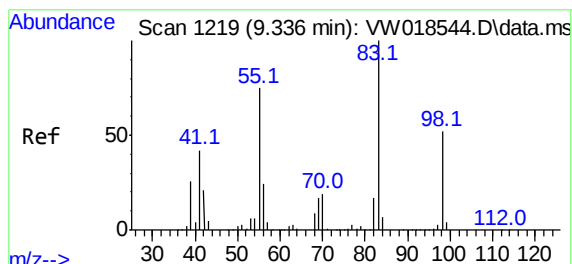
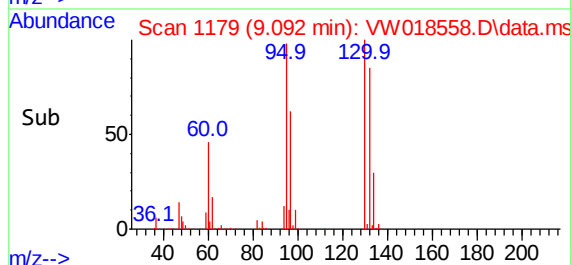
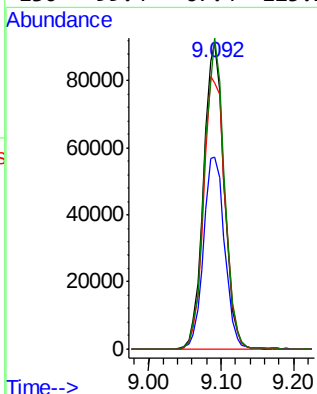
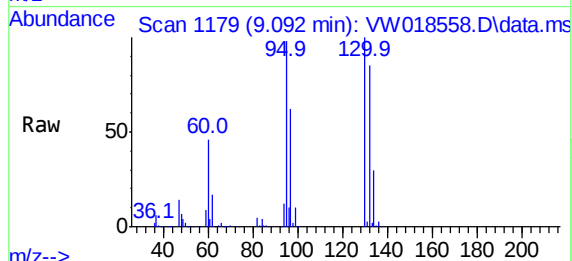


#35
Trichloroethene
Concen: 27.53 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 95 Resp: 178138

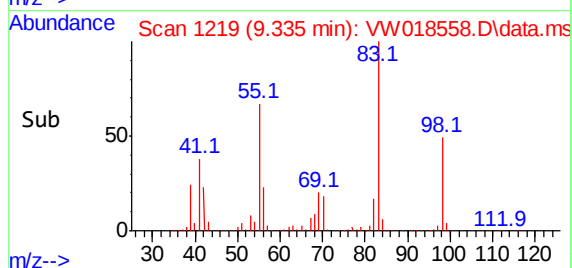
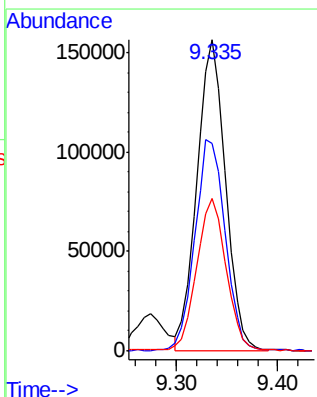
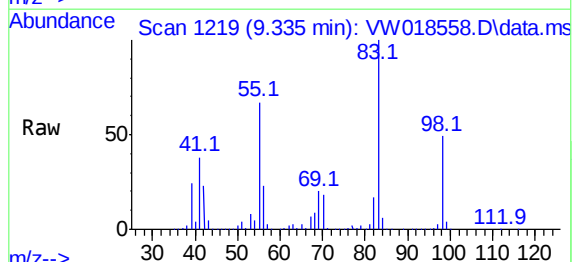
Ion	Ratio	Lower	Upper
95	100		
97	64.4	44.4	82.4
132	93.0	65.9	122.5
130	99.4	67.4	125.2

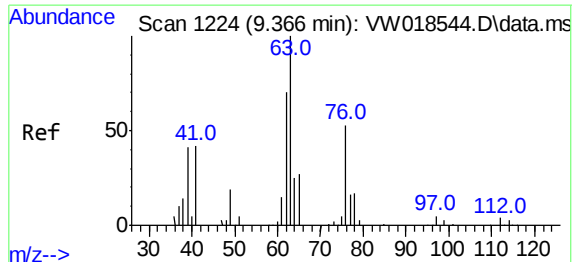


#36
Methylcyclohexane
Concen: 27.05 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 83 Resp: 306500

Ion	Ratio	Lower	Upper
83	100		
55	71.9	56.8	85.2
98	50.3	40.6	61.0

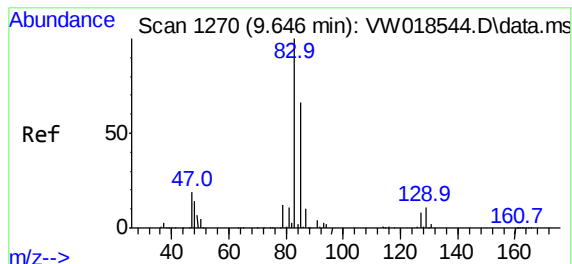
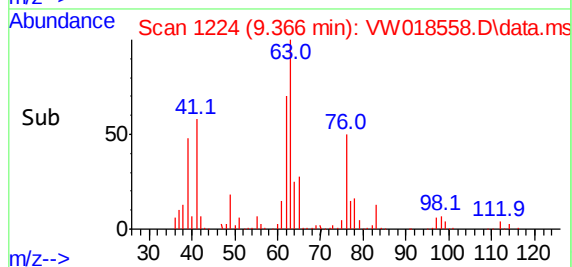
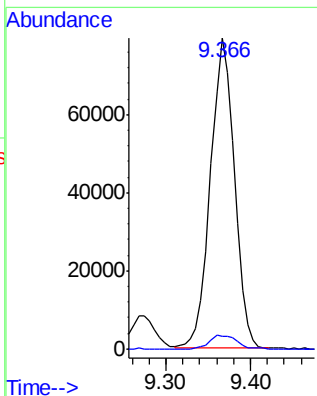
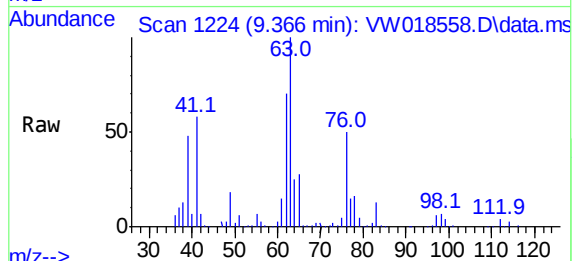




#40
1,2-Dichloropropane
Concen: 26.74 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

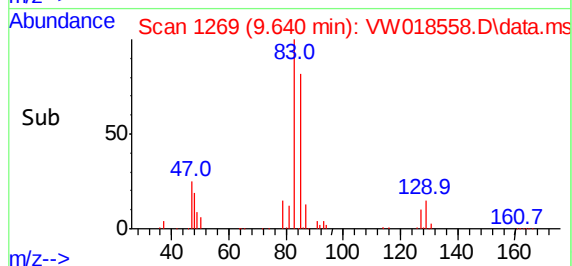
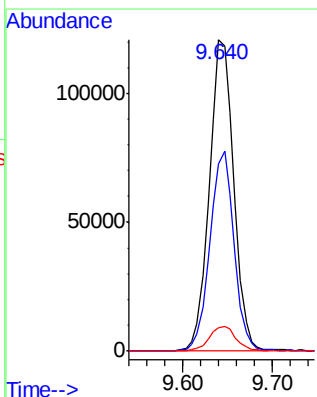
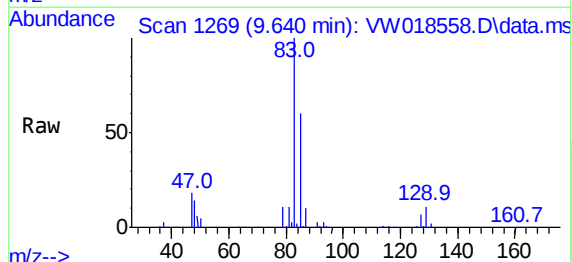
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

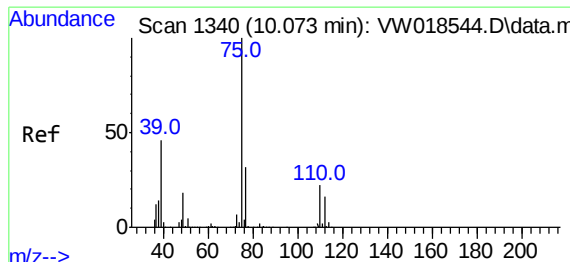
Tgt Ion: 63 Resp: 153206
Ion Ratio Lower Upper
63 100
112 4.8 4.2 6.4



#41
Bromodichloromethane
Concen: 28.22 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 83 Resp: 228532
Ion Ratio Lower Upper
83 100
85 59.9 43.8 81.4
127 7.4 6.9 10.3

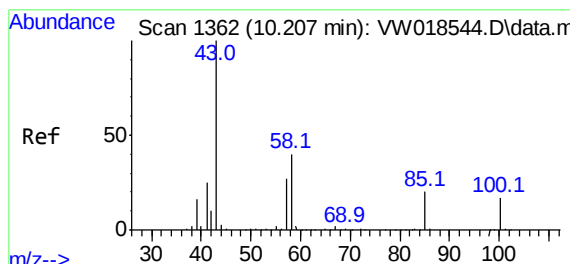
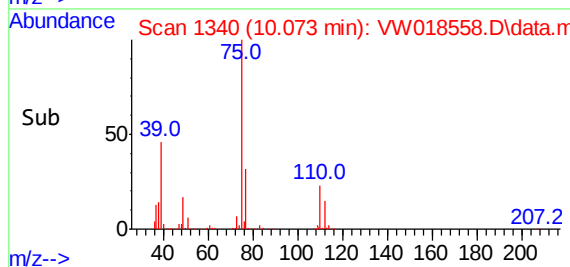
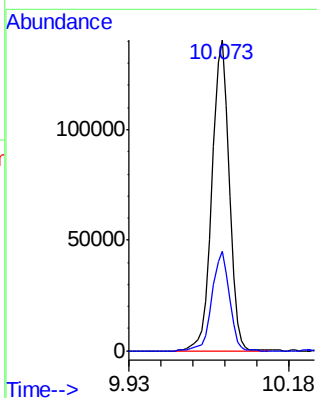
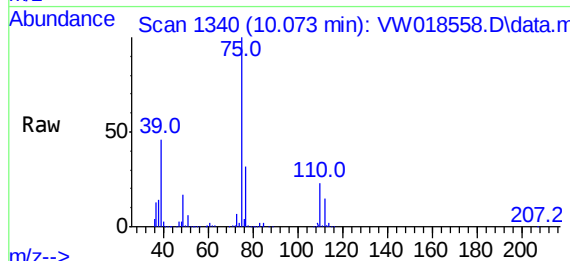




#42
cis-1,3-Dichloropropene
Concen: 26.18 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

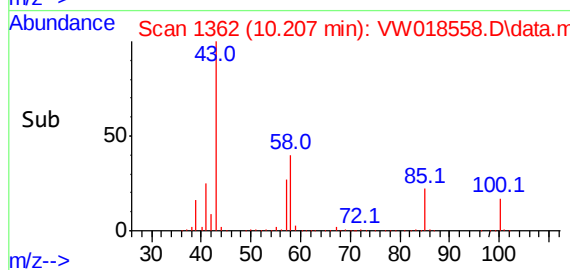
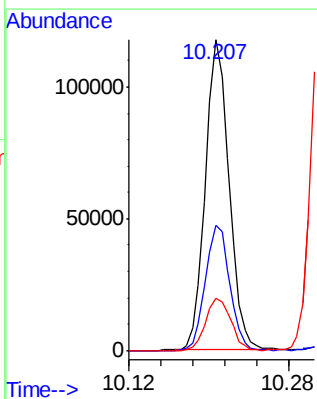
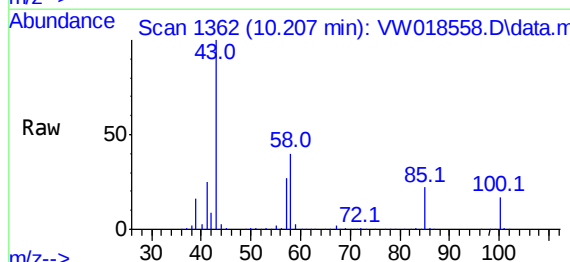
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

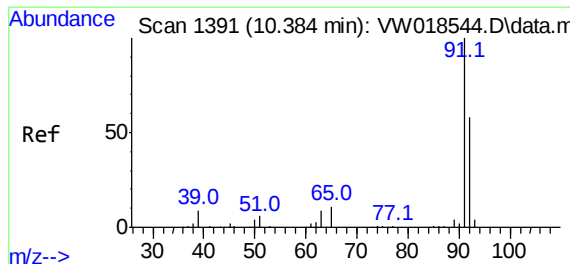
Tgt Ion: 75 Resp: 253664
Ion Ratio Lower Upper
75 100
77 32.1 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 58.48 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 43 Resp: 201461
Ion Ratio Lower Upper
43 100
58 41.5 34.8 52.2
100 17.7 15.9 23.9

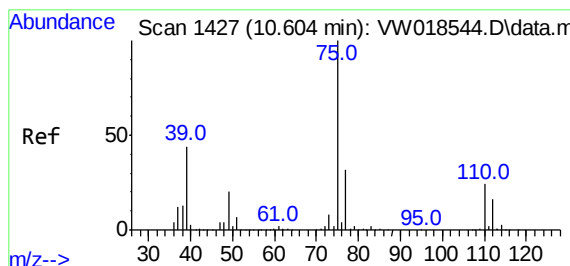
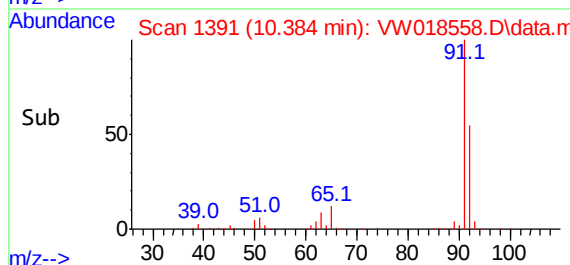
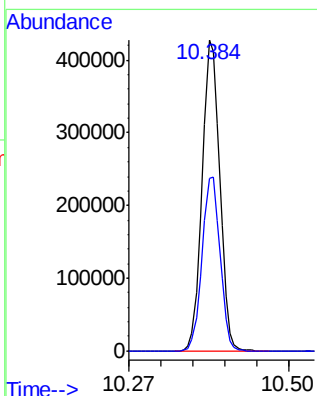
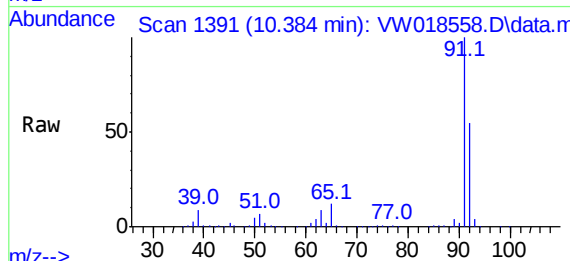




#44
Toluene
Concen: 28.10 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

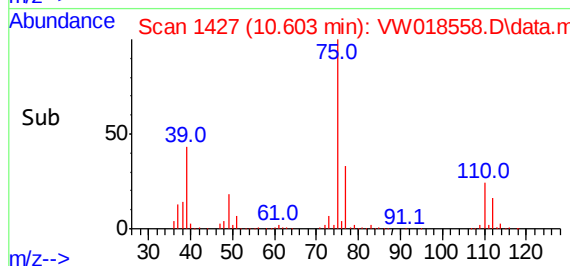
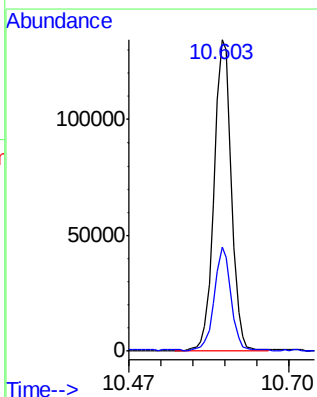
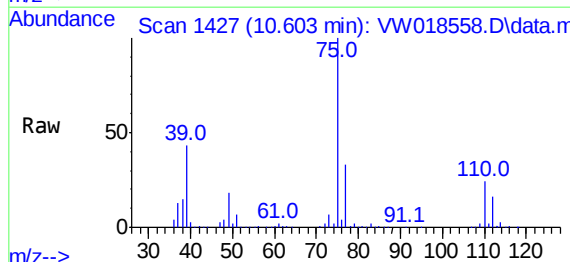
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

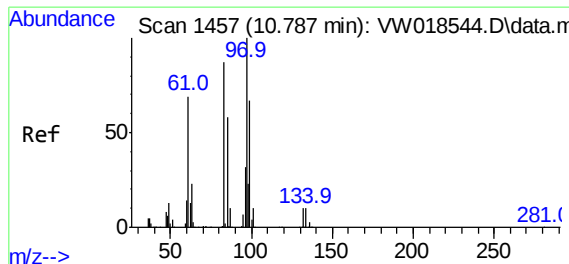
Tgt Ion: 91 Resp: 748010
Ion Ratio Lower Upper
91 100
92 55.4 42.3 78.5



#45
trans-1,3-Dichloropropene
Concen: 26.91 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 75 Resp: 234106
Ion Ratio Lower Upper
75 100
77 33.3 22.6 42.0



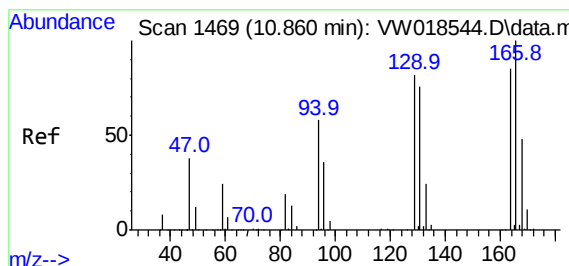
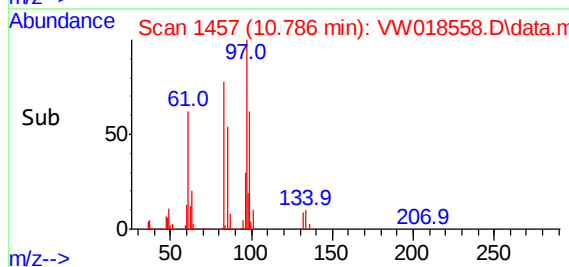
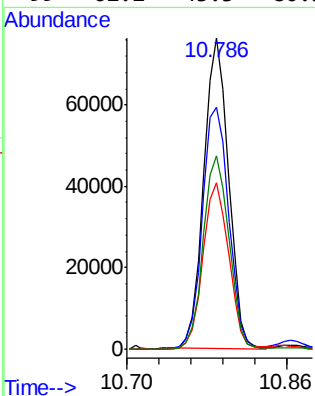
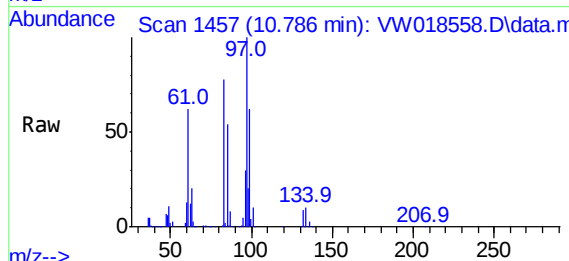


#46
1,1,2-Trichloroethane
Concen: 28.19 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion: 97 Resp: 128760

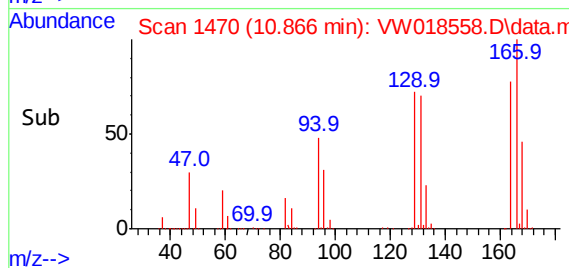
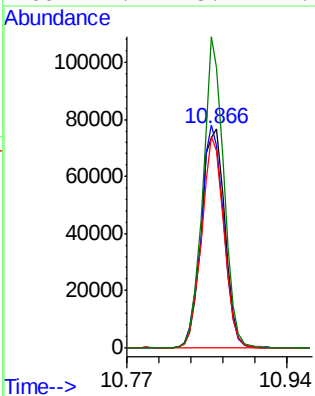
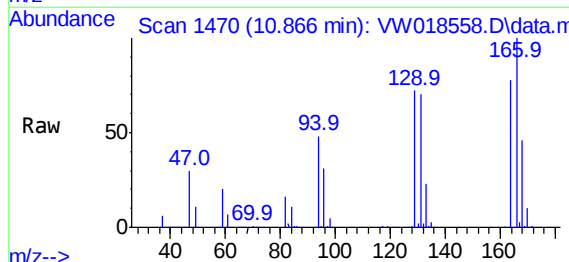
Ion	Ratio	Lower	Upper
97	100		
83	77.8	58.9	109.5
85	53.7	38.4	71.4
99	62.2	43.3	80.3

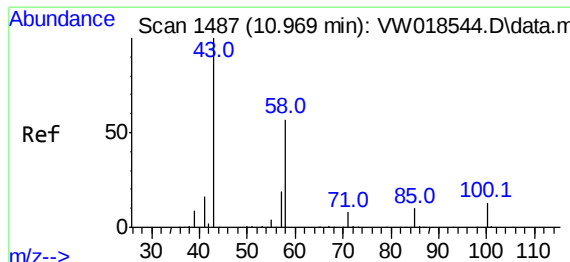


#47
Tetrachloroethene
Concen: 28.17 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 164 Resp: 138368

Ion	Ratio	Lower	Upper
164	100		
129	92.3	68.8	127.8
131	90.0	68.3	126.8
166	127.7	95.4	177.2

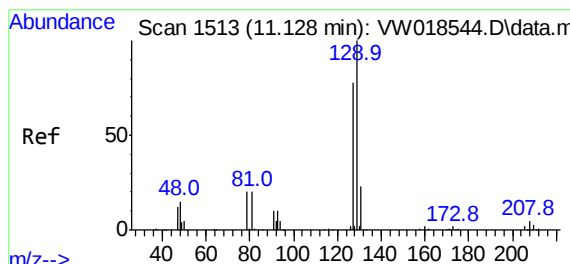
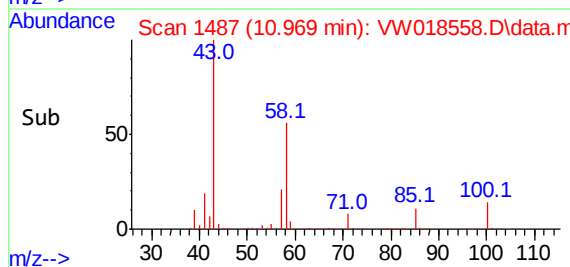
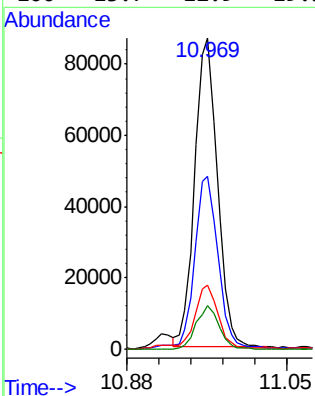
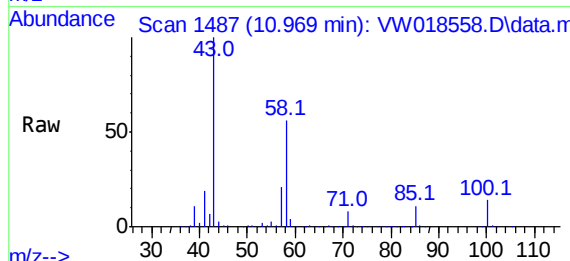




#49
2-Hexanone
Concen: 58.67 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

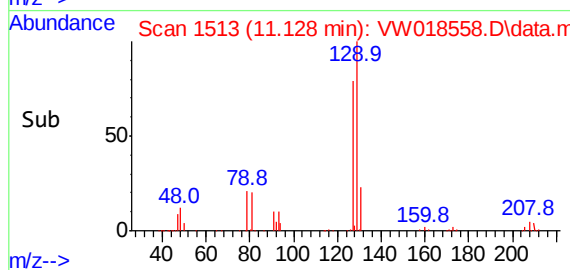
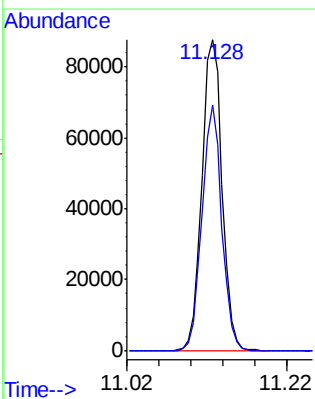
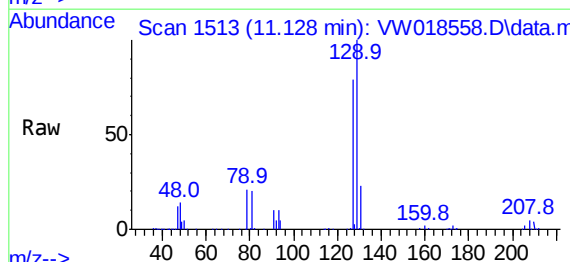
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

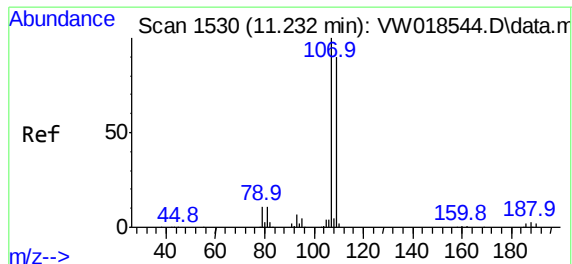
Tgt Ion: 43 Resp: 143018
Ion Ratio Lower Upper
43 100
58 56.5 47.3 70.9
57 20.8 17.3 25.9
100 13.7 12.9 19.3



#50
Dibromochloromethane
Concen: 28.42 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 129 Resp: 153077
Ion Ratio Lower Upper
129 100
127 79.1 58.0 107.6

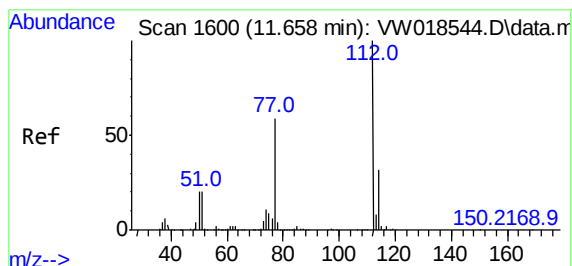
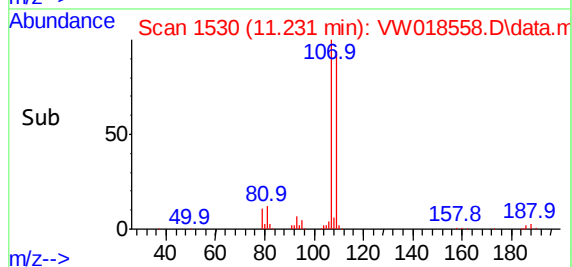
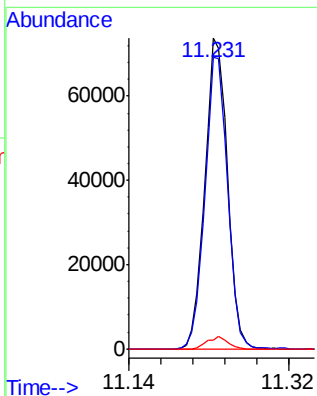
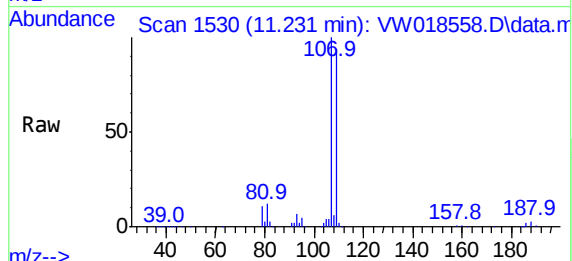




#51
1,2-Dibromoethane
Concen: 28.58 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

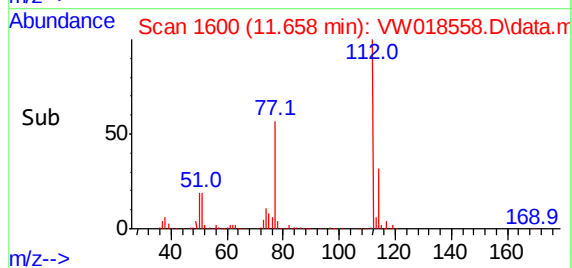
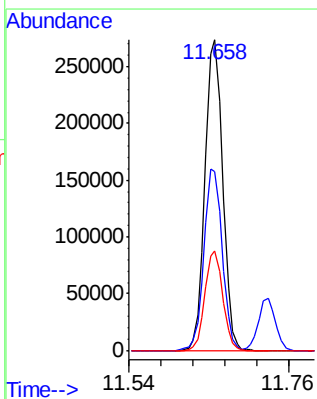
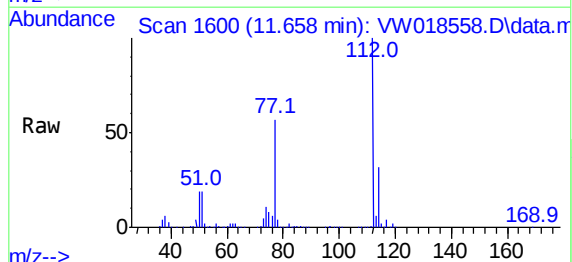
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

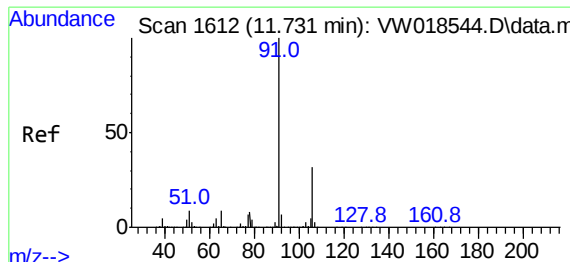
Tgt Ion:107 Resp: 129285
Ion Ratio Lower Upper
107 100
109 93.8 65.9 122.5
188 3.0 3.0 4.4



#52
Chlorobenzene
Concen: 27.44 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion:112 Resp: 463249
Ion Ratio Lower Upper
112 100
77 57.5 45.4 68.2
114 32.0 22.5 41.9

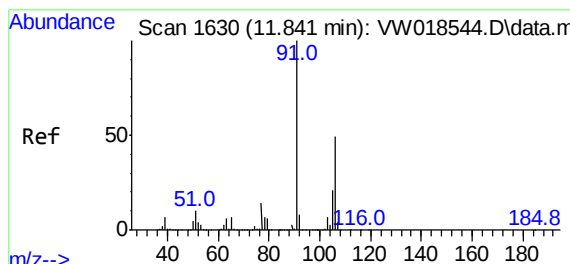
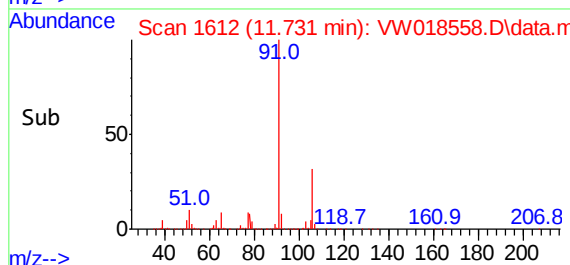
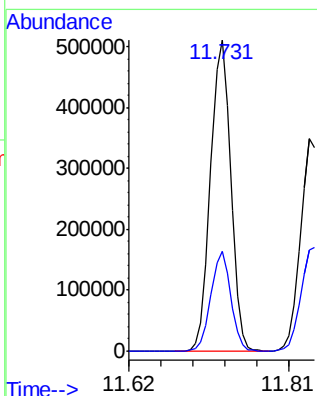
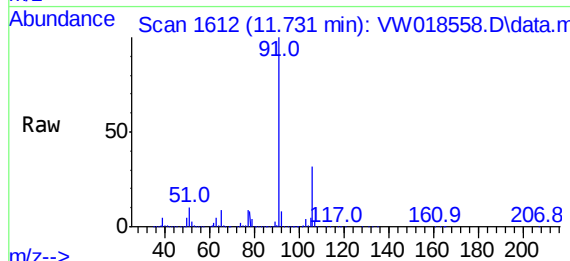




#53
Ethylbenzene
Concen: 27.40 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

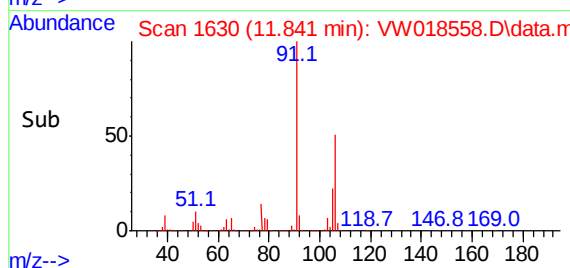
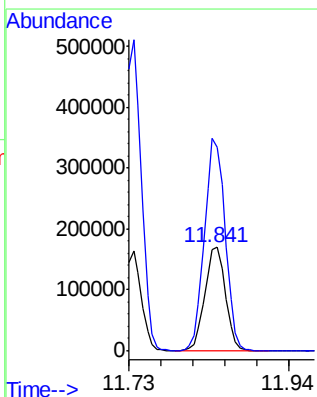
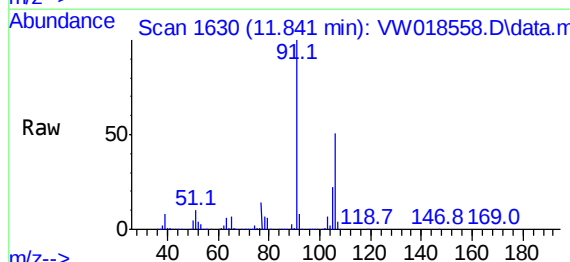
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

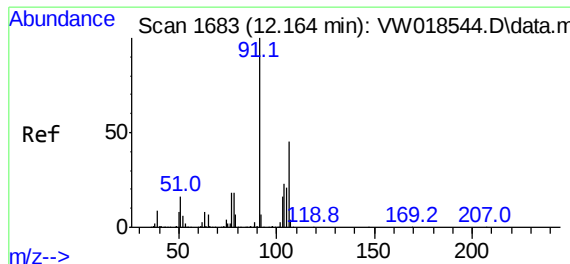
Tgt Ion: 91 Resp: 822330
Ion Ratio Lower Upper
91 100
106 32.0 21.7 40.3



#54
m,p-Xylene
Concen: 27.48 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 106 Resp: 315217
Ion Ratio Lower Upper
106 100
91 197.5 145.3 269.8

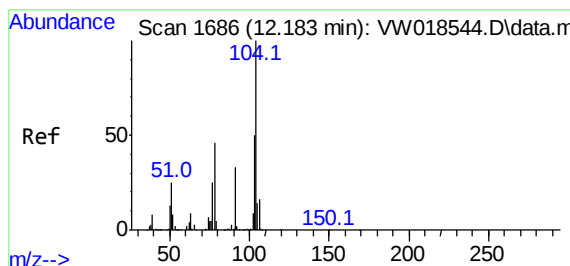
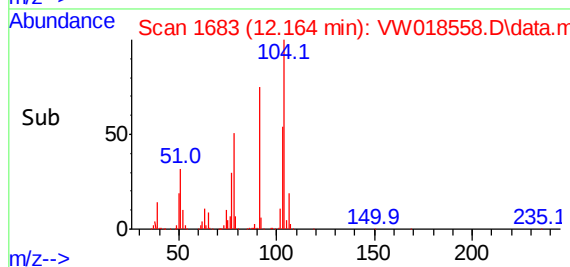
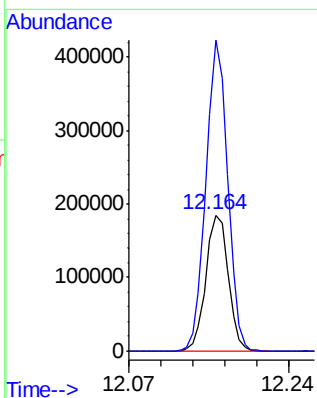
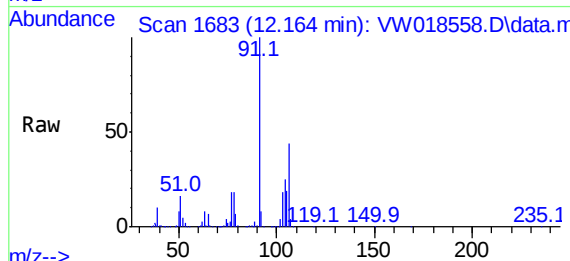




#55
o-xylene
Concen: 27.16 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

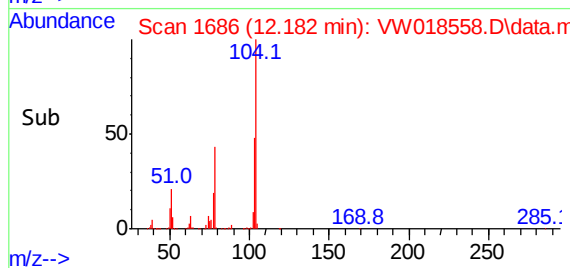
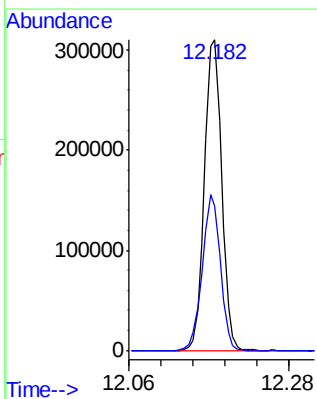
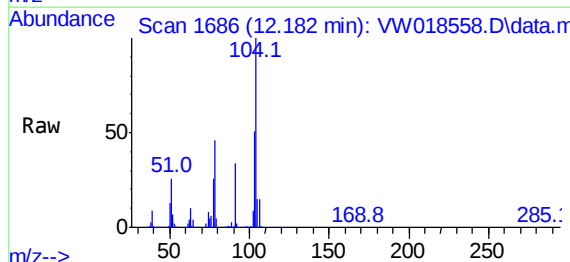
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

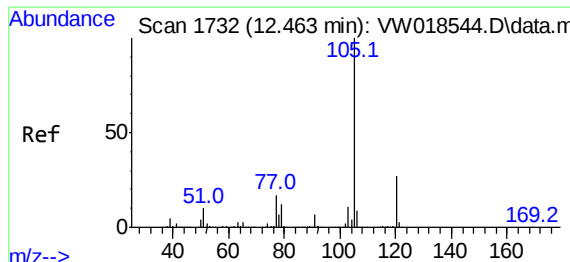
Tgt Ion:106 Resp: 297034
Ion Ratio Lower Upper
106 100
91 229.2 154.3 286.5



#56
Styrene
Concen: 27.48 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion:104 Resp: 512424
Ion Ratio Lower Upper
104 100
78 46.4 34.7 64.5

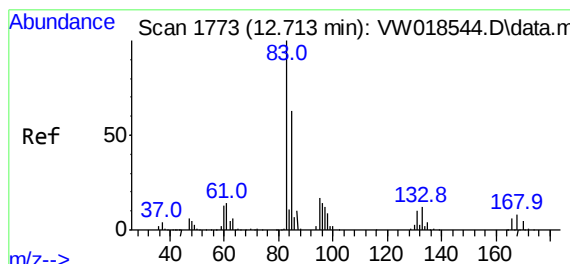
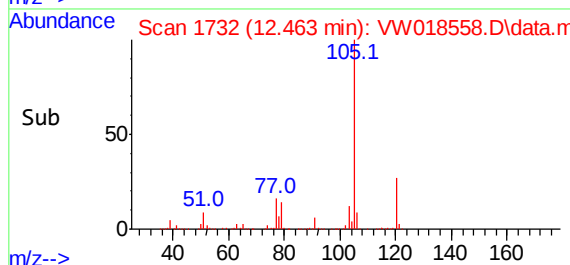
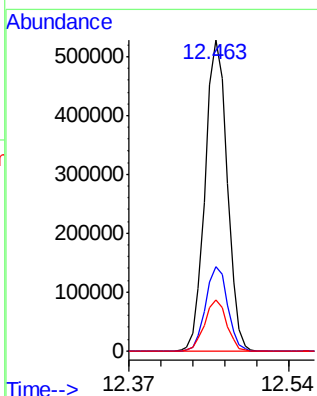
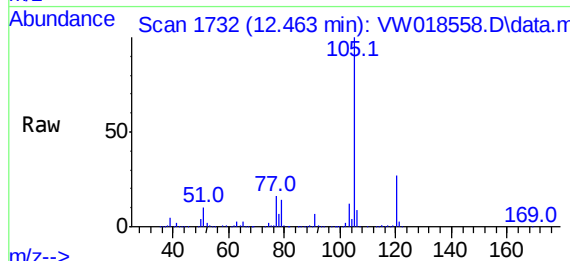




#57
Isopropylbenzene
Concen: 28.16 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

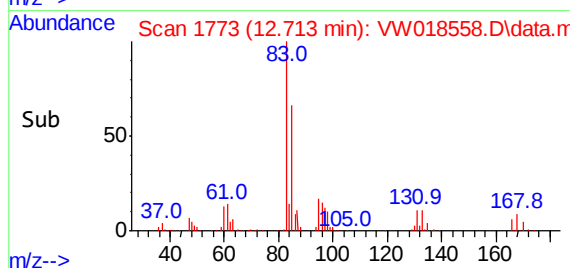
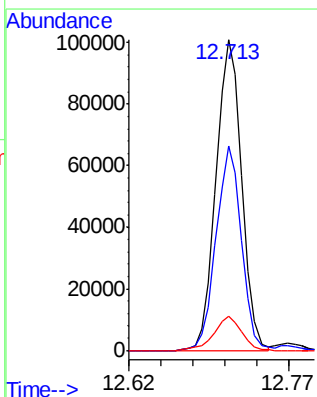
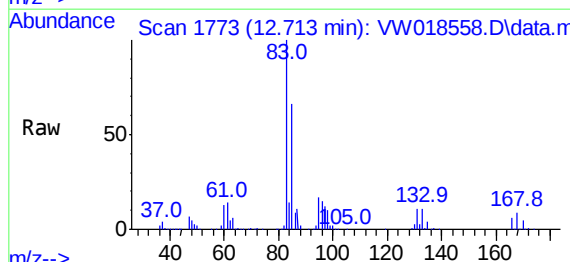
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

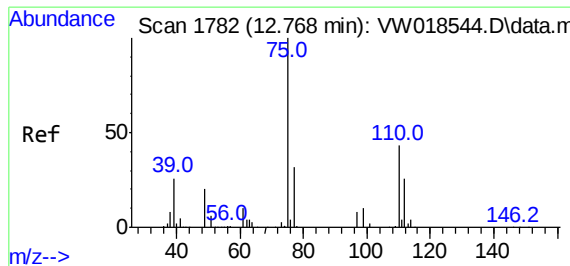
Tgt Ion:105 Resp: 837597
Ion Ratio Lower Upper
105 100
120 26.9 20.9 31.3
77 16.2 13.2 19.8



#58
1,1,2,2-Tetrachloroethane
Concen: 29.88 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 83 Resp: 165194
Ion Ratio Lower Upper
83 100
85 66.0 49.0 91.0
131 10.9 8.7 13.1

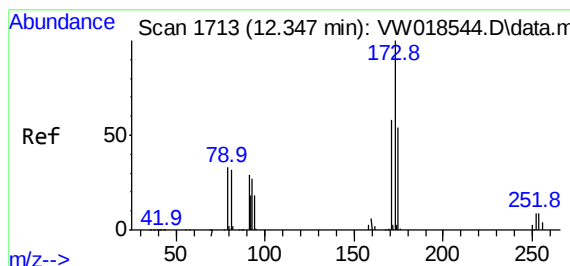
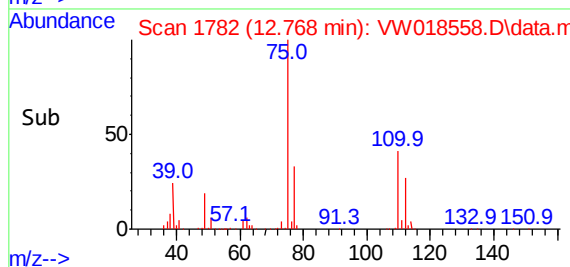
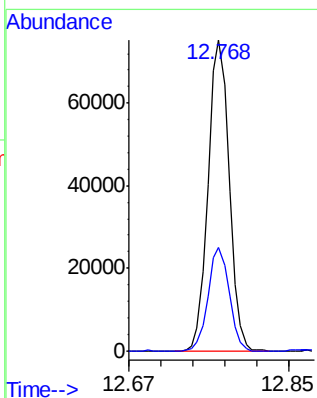
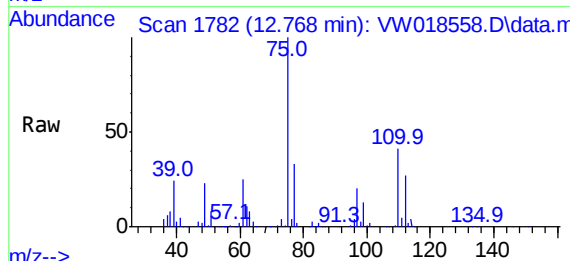




#59
1,2,3-Trichloropropane
Concen: 29.53 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

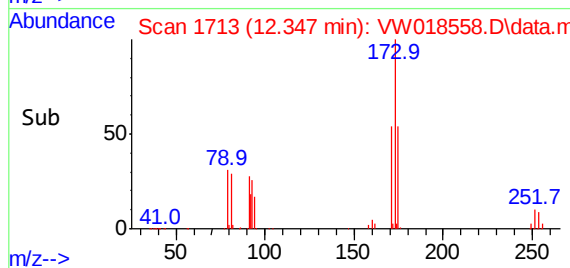
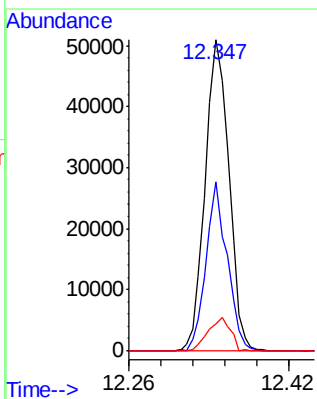
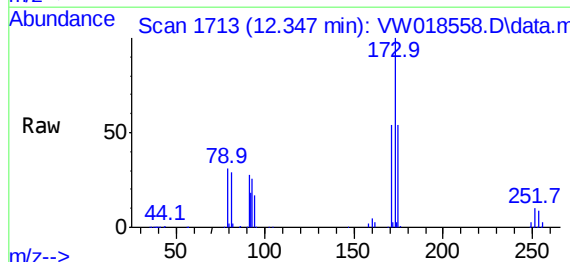
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

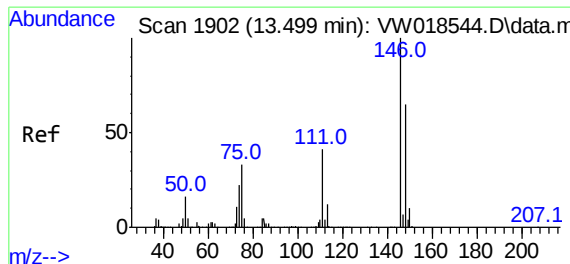
Tgt Ion: 75 Resp: 123235
Ion Ratio Lower Upper
75 100
77 33.4 25.6 38.4



#62
Bromoform
Concen: 26.55 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 173 Resp: 87109
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.2
254 9.9 6.0 9.0#

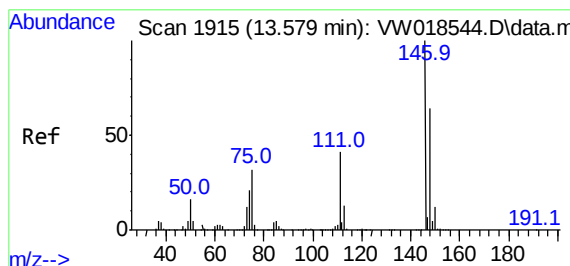
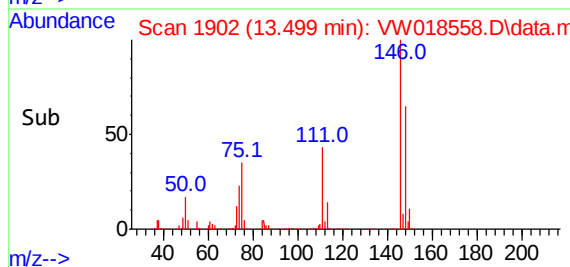
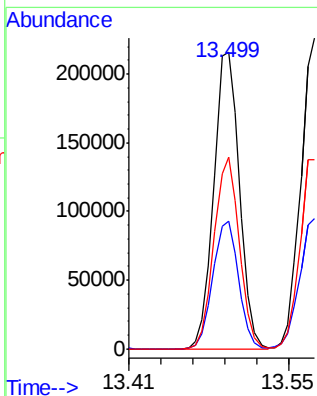
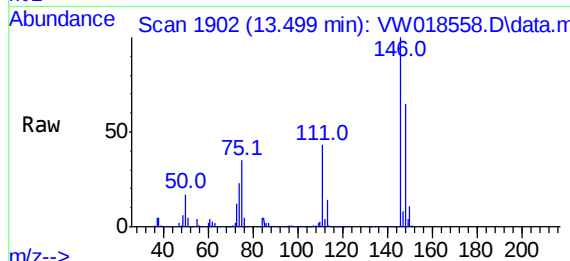




#63
1,3-Dichlorobenzene
Concen: 25.79 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

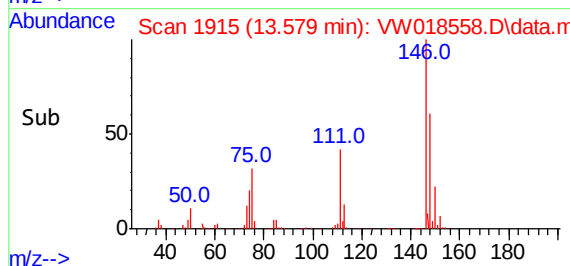
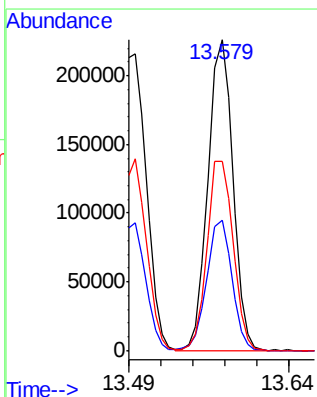
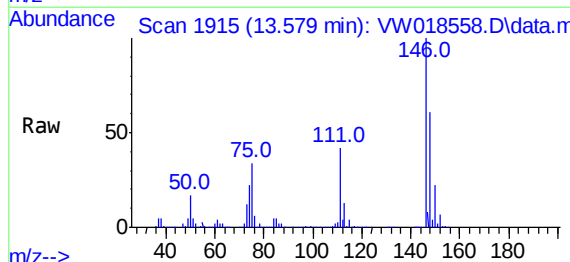
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

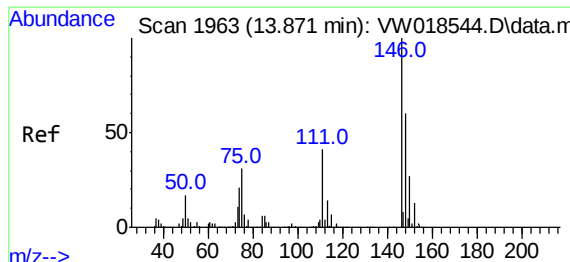
Tgt Ion:146 Resp: 353188
Ion Ratio Lower Upper
146 100
111 42.8 27.5 51.1
148 64.7 43.0 80.0



#64
1,4-Dichlorobenzene
Concen: 25.97 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion:146 Resp: 358841
Ion Ratio Lower Upper
146 100
111 41.8 28.3 52.5
148 61.0 47.3 87.9

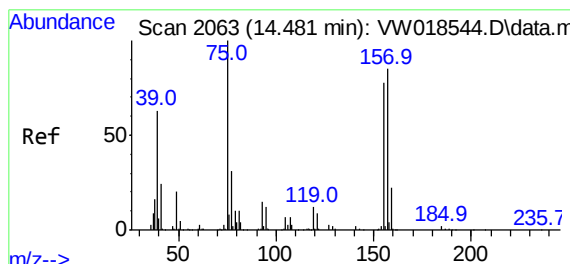
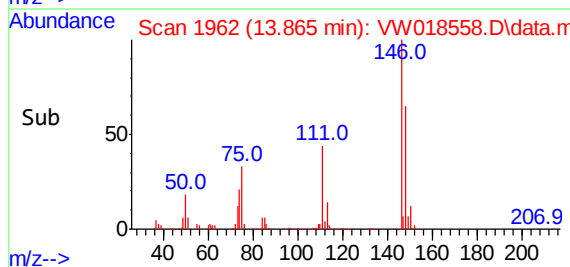
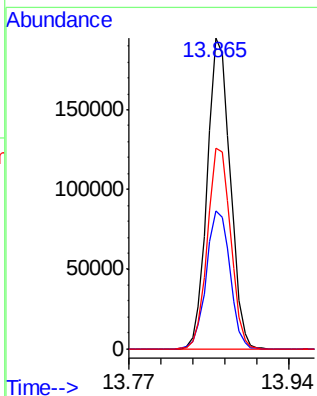
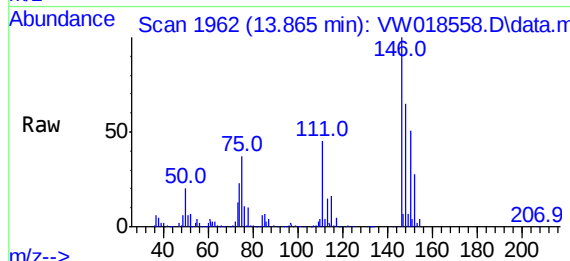




#65
1,2-Dichlorobenzene
Concen: 26.17 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

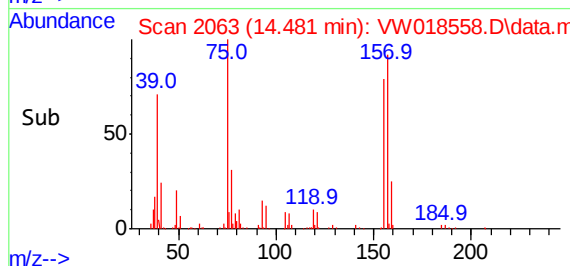
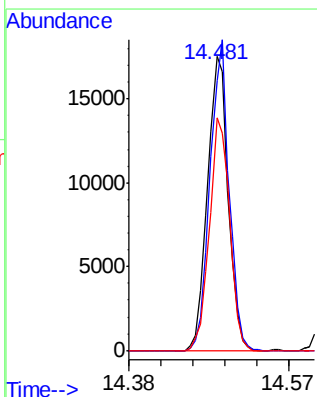
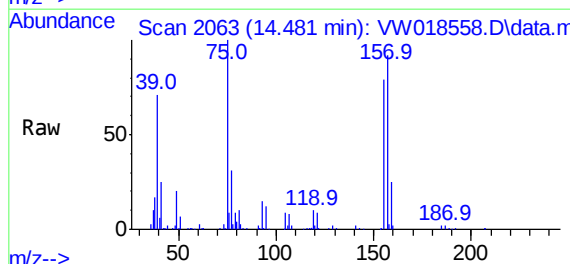
Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

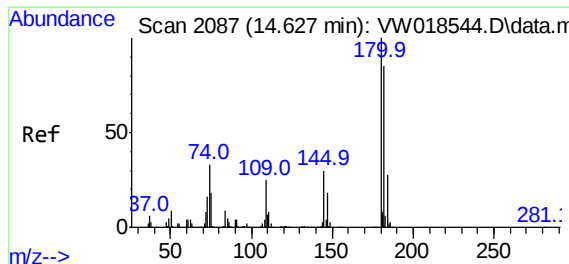
Tgt Ion:146 Resp: 320328
Ion Ratio Lower Upper
146 100
111 44.5 36.0 54.0
148 64.6 50.2 75.4



#66
1,2-Dibromo-3-chloropropane
Concen: 25.76 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion: 75 Resp: 28497
Ion Ratio Lower Upper
75 100
157 91.5 65.2 97.8
155 79.0 60.1 90.1

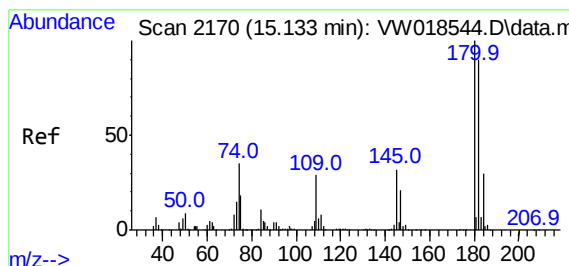
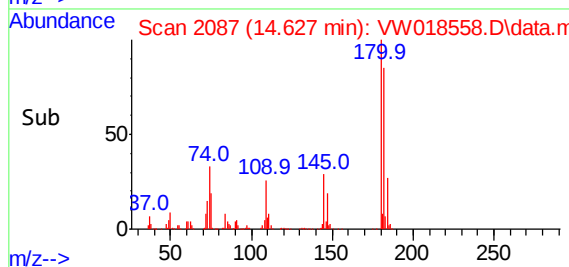
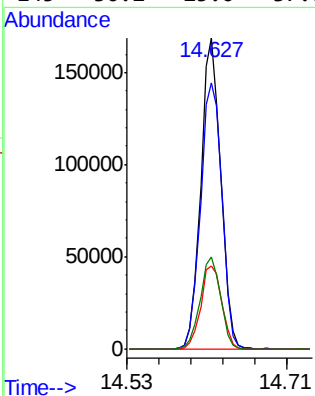
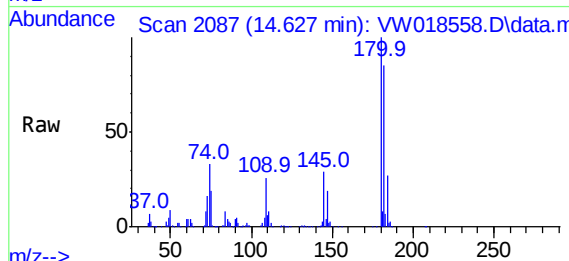




#67
 1,3,5-Trichlorobenzene
 Concen: 26.40 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018558.D
 Acq: 06 Apr 2021 09:48

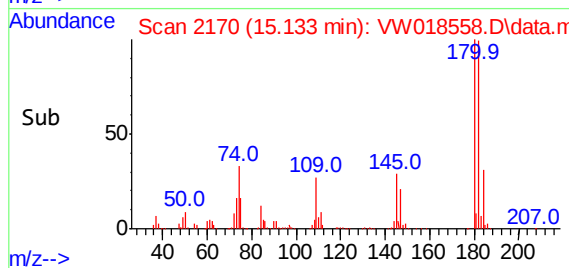
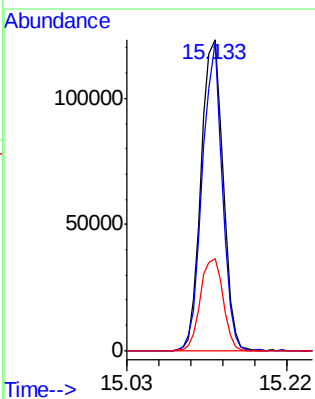
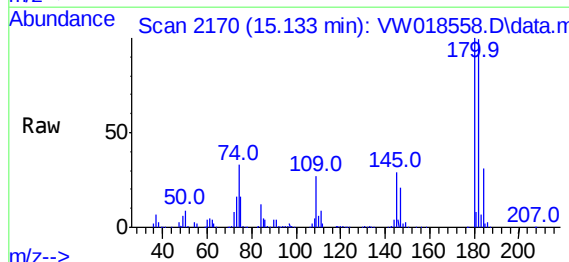
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

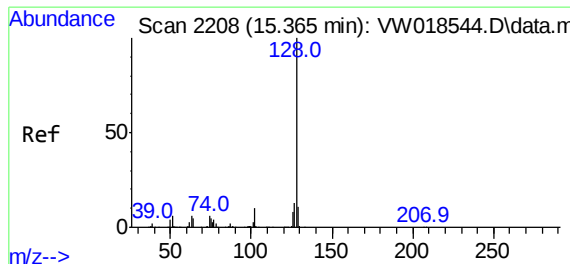
Tgt Ion:	180	Resp:	260692
Ion	Ratio	Lower	Upper
180	100		
182	91.6	71.8	107.8
184	28.2	23.5	35.3
145	30.2	25.0	37.6



#68
 1,2,4-trichlorobenzene
 Concen: 25.32 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018558.D
 Acq: 06 Apr 2021 09:48

Tgt Ion:	180	Resp:	212726
Ion	Ratio	Lower	Upper
180	100		
182	90.0	70.2	105.4
145	30.6	24.9	37.3

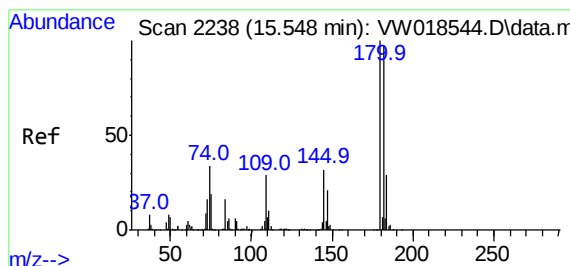
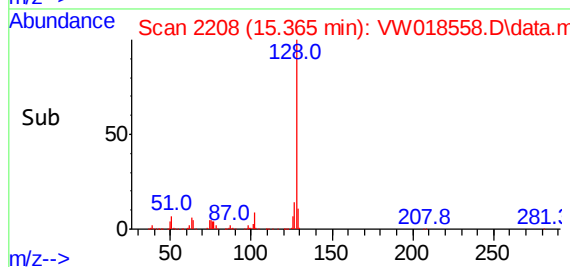
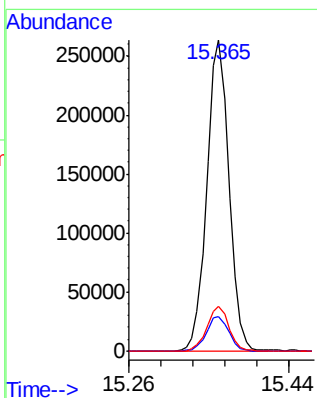
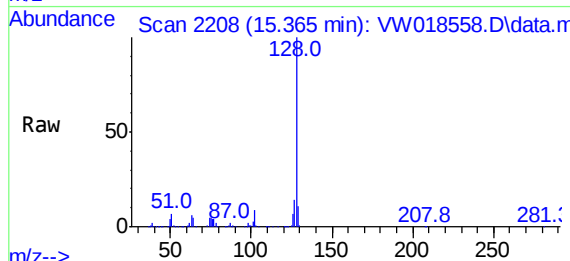




#69
Naphthalene
Concen: 25.82 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Instrument :
MSVOA_W
ClientSampleId :
VSTD02530

Tgt Ion:128 Resp: 451837
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.9 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.56 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018558.D
Acq: 06 Apr 2021 09:48

Tgt Ion:180 Resp: 180079
Ion Ratio Lower Upper
180 100
182 96.1 76.5 114.7
145 34.4 27.7 41.5

