

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020521\
 Data File : VW018029.D
 Acq On : 05 Feb 2021 09:42
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Quant Time: Feb 06 00:49:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 03 21:58:46 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	478674	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	424919	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	224211	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	122809	20.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.56%
7) Chloroethane-d5	2.891	69	101718	21.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.16%
10) 1,1-Dichloroethene-d2	4.019	63	268703	22.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.36%
20) 2-Butanone-d5	7.074	46	60177	37.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	75.82%
24) Chloroform-d	7.647	84	285921	22.76	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.04%
26) 1,2-Dichloroethane-d4	8.299	65	141885	21.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.84%
29) Benzene-d6	8.275	84	553213	23.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.84%
33) 1,2-Dichloropropane-d6	9.274	67	153532	23.53	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.12%
37) Toluene-d8	10.323	98	532330	23.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.92%
38) trans-1,3-Dichloroprop...	10.579	79	70204	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
39) 2-Hexanone-d5	10.920	63	49981	40.06	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.12%
48) 1,1,2,2-Tetrachloroeth...	12.688	84	118520	20.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	181527	22.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.80%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	147320	22.75	ug/L	97
3) Chloromethane	2.215	50	108159	22.67	ug/L	100
5) Vinyl chloride	2.367	62	155470	23.63	ug/L	98
6) Bromomethane	2.782	94	103414	22.10	ug/L	100
8) Chloroethane	2.922	64	90477	23.01	ug/L	99
9) Trichlorofluoromethane	3.263	101	117162	24.63	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	158664	23.34	ug/L	# 66
12) 1,1-Dichloroethene	4.044	96	152452	23.84	ug/L	94
13) Acetone	4.111	43	42425	36.12	ug/L	96
14) Carbon disulfide	4.385	76	446099	23.95	ug/L	98
15) Methyl Acetate	4.665	43	48657	18.67	ug/L	97
16) Methylene chloride	4.915	84	142032	18.52	ug/L	92
17) Methyl tert-butyl Ether	5.415	73	155243	21.62	ug/L	97
18) trans-1,2-Dichloroethene	5.421	96	159721	23.37	ug/L	98
19) 1,1-Dichloroethane	6.208	63	256460	23.25	ug/L	99
21) 2-Butanone	7.165	43	63423	35.47	ug/L	93
22) cis-1,2-Dichloroethene	7.165	96	164215	23.16	ug/L	99
23) Bromochloromethane	7.512	128	74932	21.99	ug/L	92
25) Chloroform	7.671	83	275584	22.89	ug/L	100
27) 1,2-Dichloroethane	8.396	62	164044	20.99	ug/L	100

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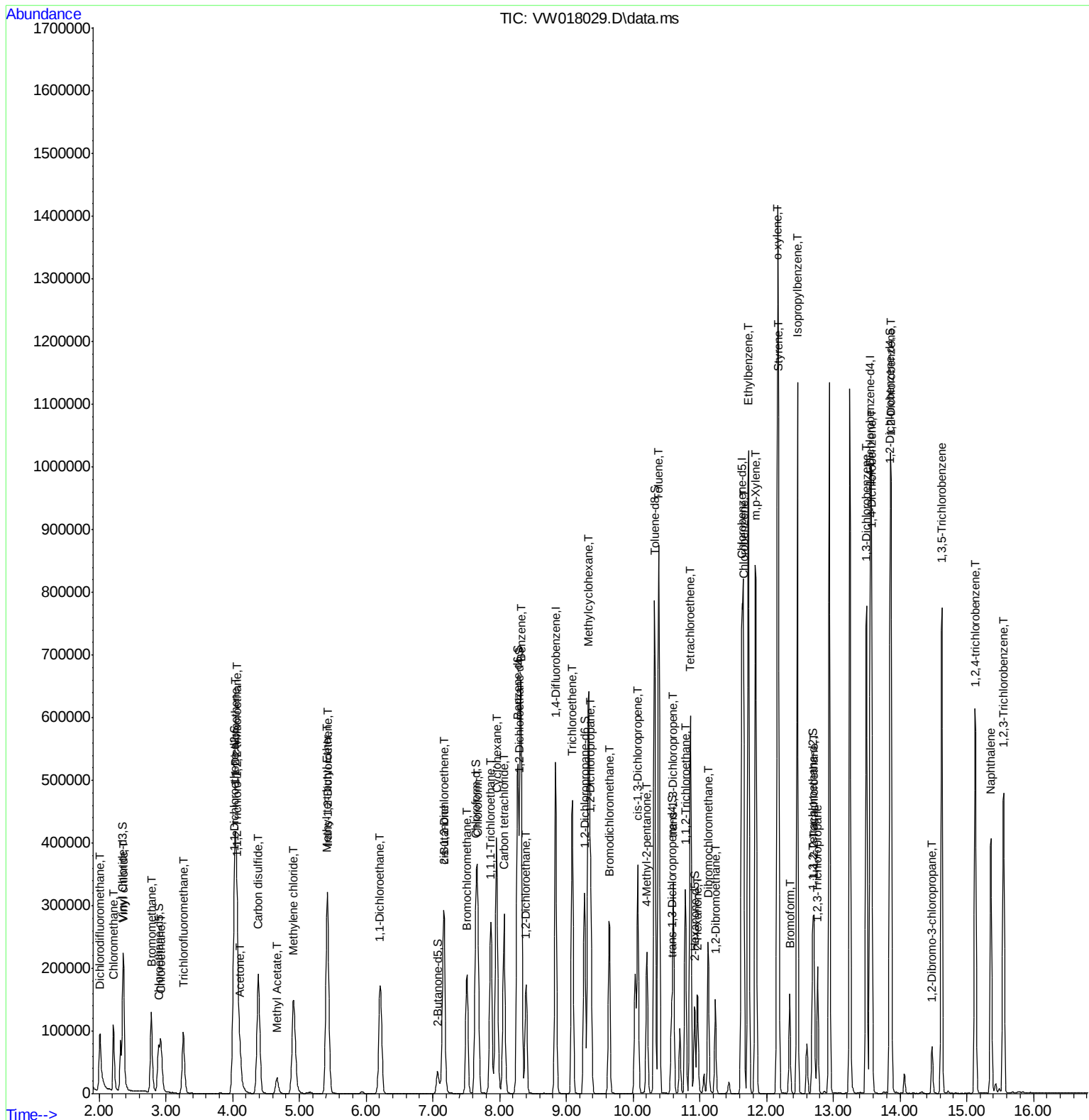
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.951	56	238804	24.57	ug/L	96
31) 1,1,1-Trichloroethane	7.866	97	233560	24.79	ug/L	99
32) Carbon tetrachloride	8.067	117	225714	24.73	ug/L	97
34) Benzene	8.323	78	592262	23.85	ug/L	100
35) Trichloroethene	9.091	95	167878	23.99	ug/L	98
36) Methylcyclohexane	9.335	83	286033	24.31	ug/L	97
40) 1,2-Dichloropropane	9.366	63	135573	23.79	ug/L	100
41) Bromodichloromethane	9.640	83	191061	23.41	ug/L	95
42) cis-1,3-Dichloropropene	10.073	75	221506	24.12	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	137589	38.83	ug/L	94
44) Toluene	10.384	91	656414	24.01	ug/L	98
45) trans-1,3-Dichloropropene	10.603	75	186620	23.34	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	102982	21.17	ug/L	97
47) Tetrachloroethene	10.859	164	141228	23.70	ug/L	94
49) 2-Hexanone	10.963	43	95558	38.80	ug/L	95
50) Dibromochloromethane	11.128	129	133671	22.93	ug/L	100
51) 1,2-Dibromoethane	11.231	107	103059	21.24	ug/L #	98
52) Chlorobenzene	11.658	112	420705	23.36	ug/L	98
53) Ethylbenzene	11.731	91	735747	23.69	ug/L	97
54) m,p-Xylene	11.835	106	285658	24.12	ug/L	99
55) o-xylene	12.164	106	269799	24.01	ug/L	99
56) Styrene	12.182	104	462642	24.21	ug/L	96
57) Isopropylbenzene	12.463	105	749013	23.94	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.713	83	115869	20.13	ug/L	99
59) 1,2,3-Trichloropropane	12.768	75	84289	19.33	ug/L	99
62) Bromoform	12.347	173	75720	21.91	ug/L #	99
63) 1,3-Dichlorobenzene	13.499	146	334120	23.38	ug/L	98
64) 1,4-Dichlorobenzene	13.578	146	333220	23.18	ug/L	95
65) 1,2-Dichlorobenzene	13.865	146	291218	22.60	ug/L	97
66) 1,2-Dibromo-3-chloropr...	14.481	75	18930	19.39	ug/L	94
67) 1,3,5-Trichlorobenzene	14.627	180	251096	22.87	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	211874	23.15	ug/L	98
69) Naphthalene	15.365	128	362098	20.33	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	176305	21.61	ug/L	96

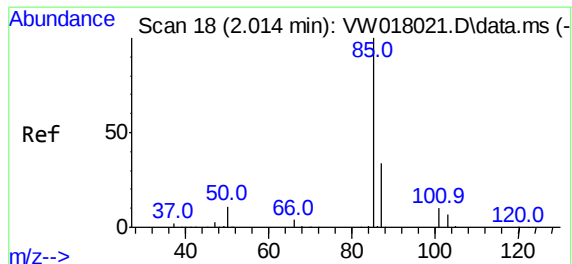
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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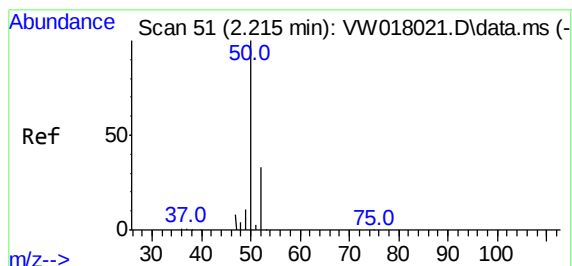
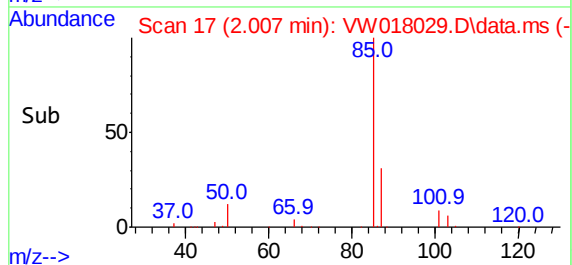
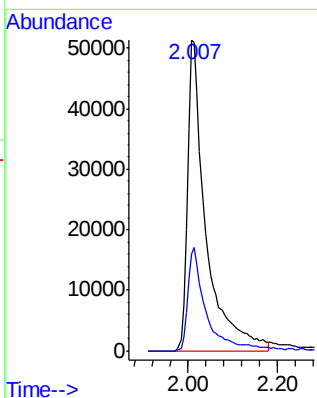
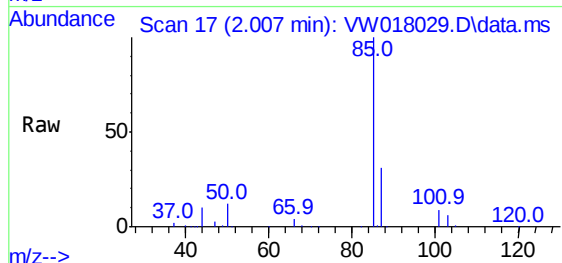




#2
Dichlorodifluoromethane
Concen: 22.75 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

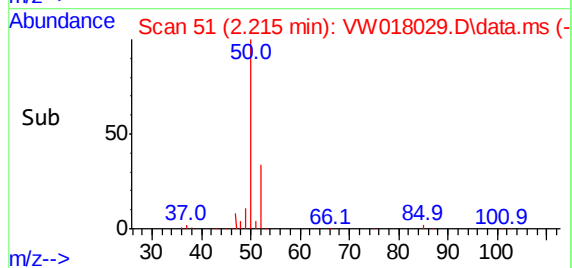
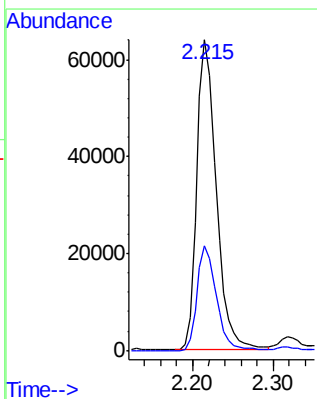
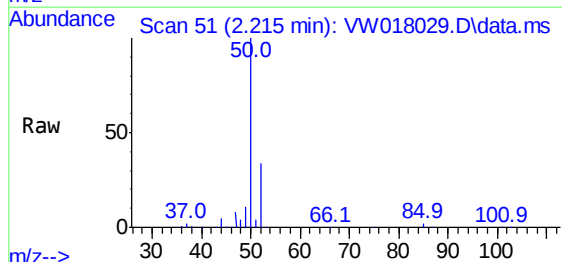
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

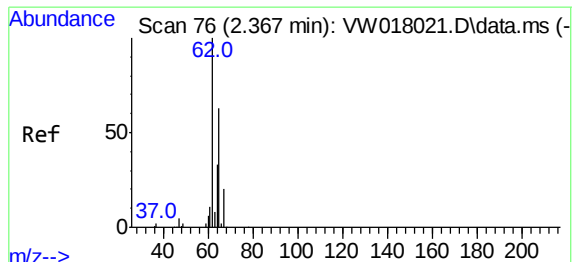
Tgt Ion: 85 Resp: 147320
Ion Ratio Lower Upper
85 100
87 31.2 23.2 43.0



#3
Chloromethane
Concen: 22.67 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 50 Resp: 108159
Ion Ratio Lower Upper
50 100
52 33.5 23.4 43.6

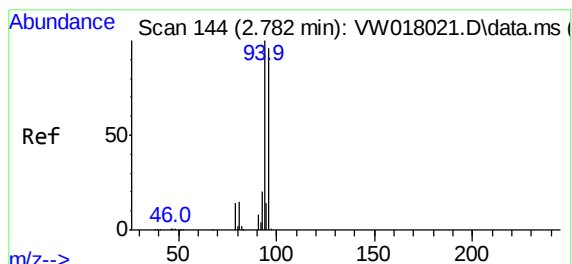
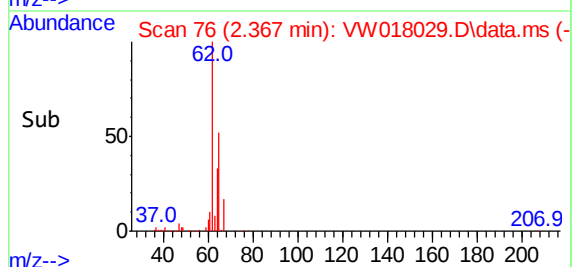
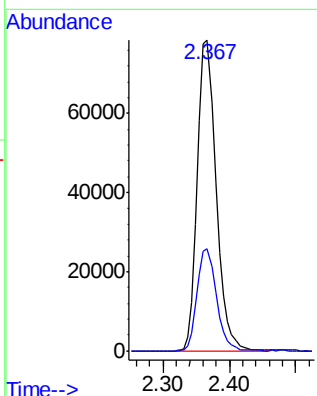
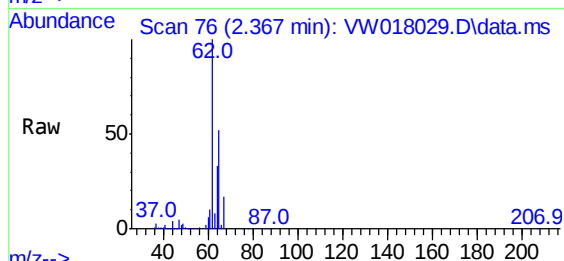




#5
Vinyl chloride
Concen: 23.63 ug/L
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

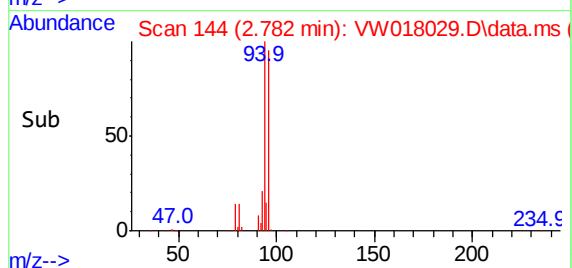
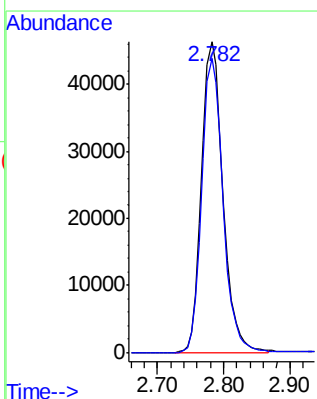
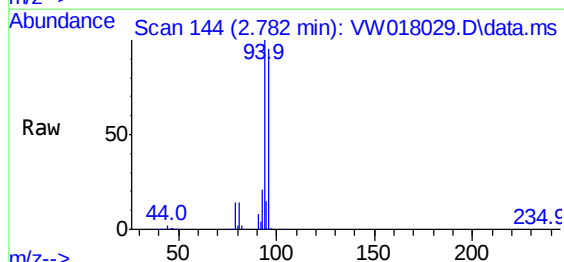
Instrument :
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ClientSampleId :
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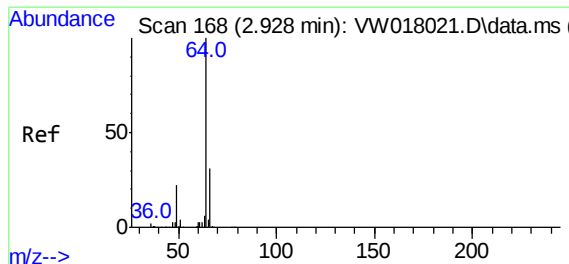
Tgt Ion: 62 Resp: 155470
Ion Ratio Lower Upper
62 100
64 32.8 23.9 44.5



#6
Bromomethane
Concen: 22.10 ug/L
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 94 Resp: 103414
Ion Ratio Lower Upper
94 100
96 94.1 9.4 178.0

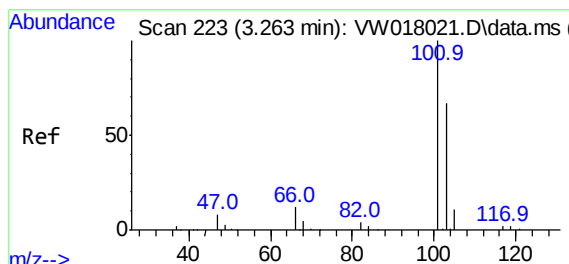
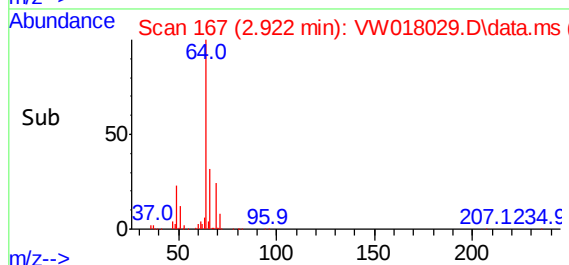
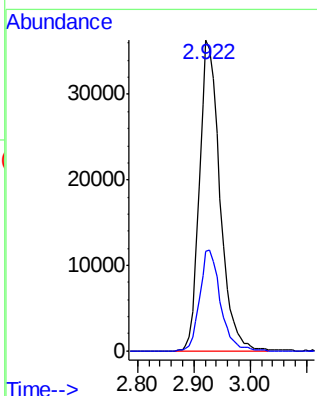
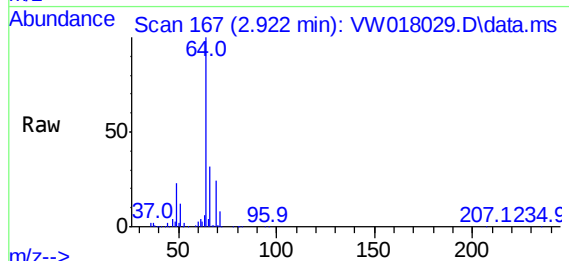




#8
Chloroethane
Concen: 23.01 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

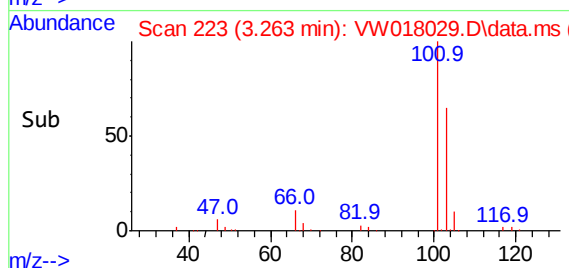
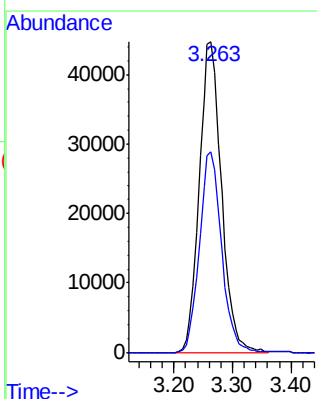
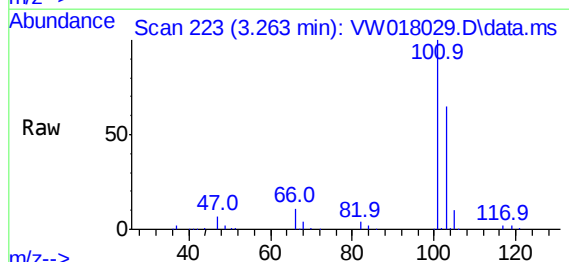
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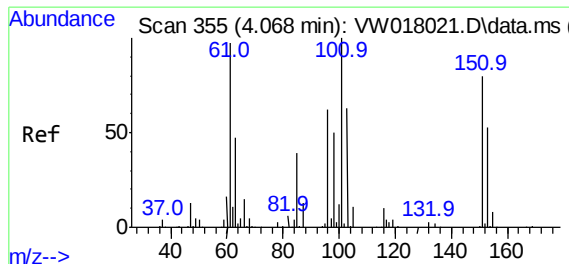
Tgt Ion: 64 Resp: 90477
Ion Ratio Lower Upper
64 100
66 31.9 22.0 41.0



#9
Trichlorofluoromethane
Concen: 24.63 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 101 Resp: 117162
Ion Ratio Lower Upper
101 100
103 64.5 45.0 83.6



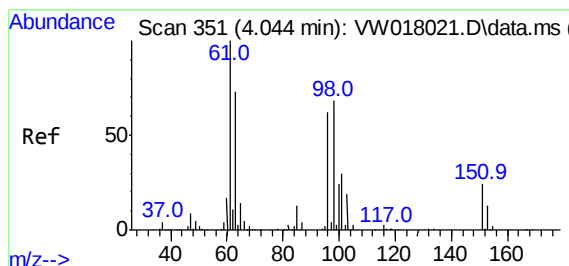
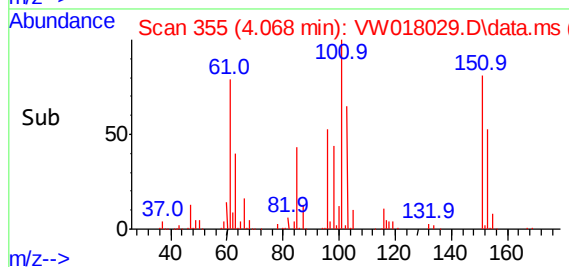
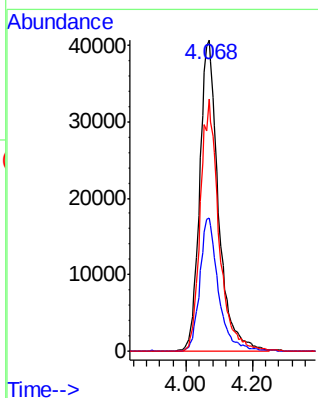
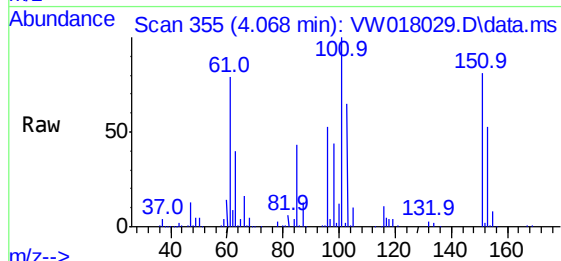


#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.34 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Instrument :
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 ClientSampleId :
 VSTD02511

Tgt Ion:101 Resp: 158664

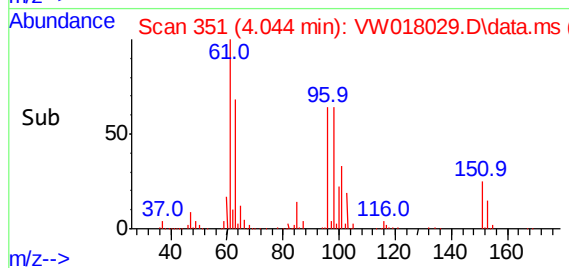
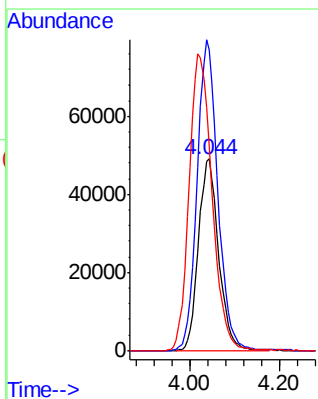
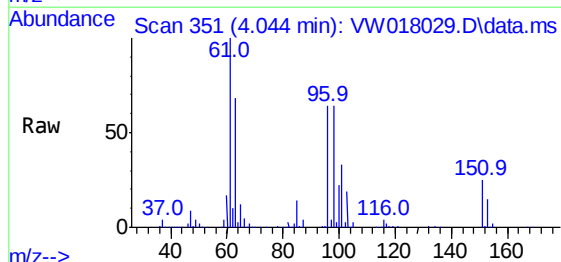
Ion	Ratio	Lower	Upper
101	100		
85	41.1	34.2	51.4
151	79.9	30.4	45.6

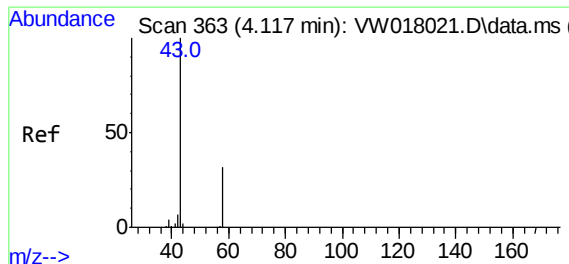


#12
 1,1-Dichloroethene
 Concen: 23.84 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.000 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Tgt Ion: 96 Resp: 152452

Ion	Ratio	Lower	Upper
96	100		
61	157.2	112.5	208.9
63	106.7	83.1	154.3

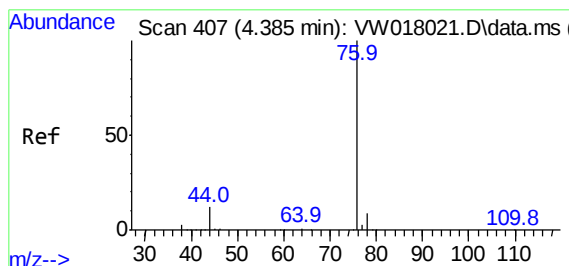
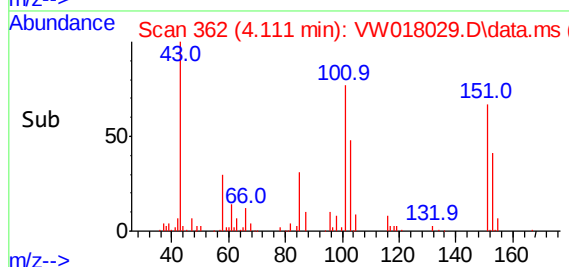
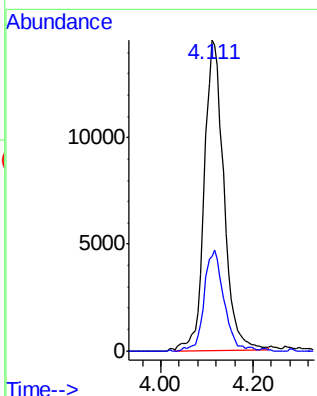
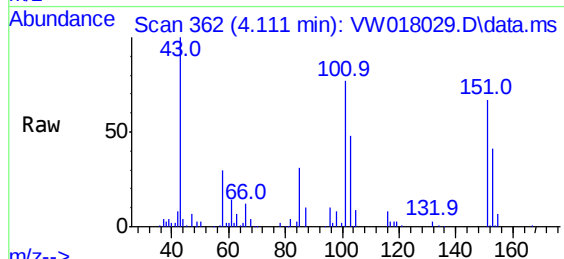




#13
Acetone
Concen: 36.12 ug/L
RT: 4.111 min Scan# 362
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

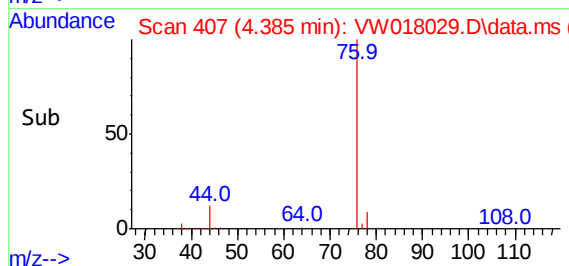
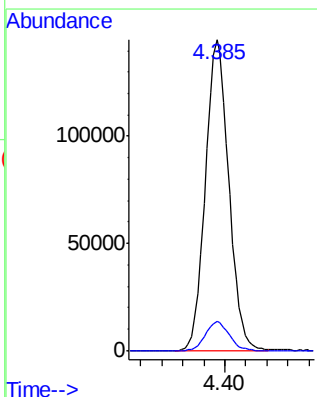
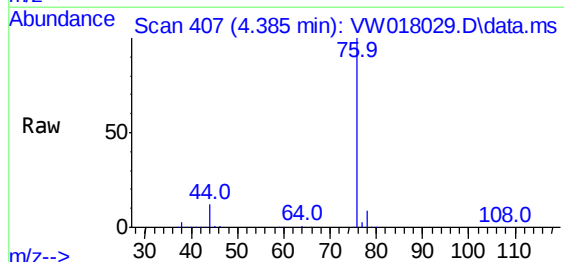
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ClientSampled :
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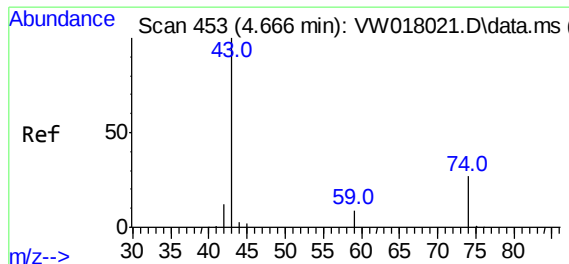
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Ion Ratio Lower Upper
43 100
58 31.7 0.0 68.4



#14
Carbon disulfide
Concen: 23.95 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 76 Resp: 446099
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

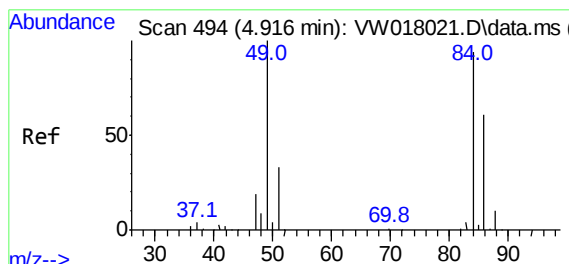
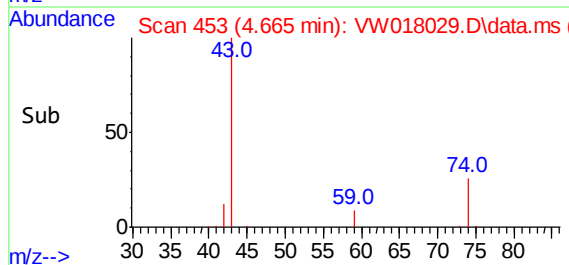
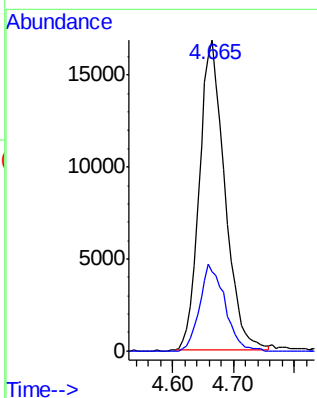
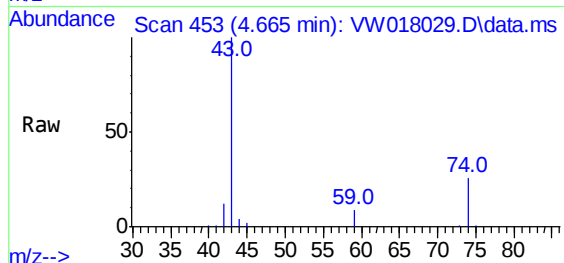




#15
Methyl Acetate
Concen: 18.67 ug/L
RT: 4.665 min Scan# 453
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

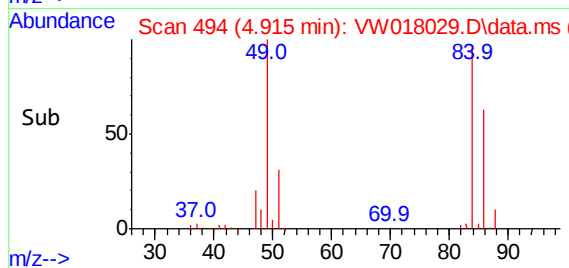
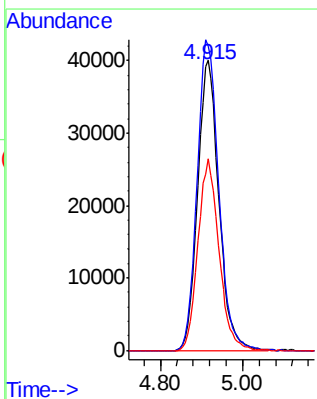
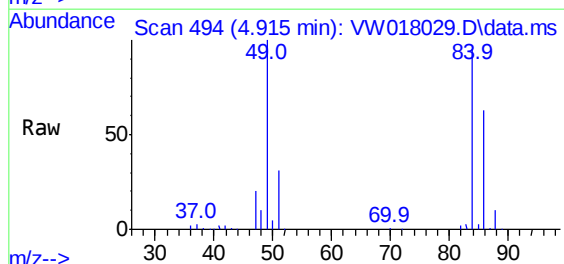
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

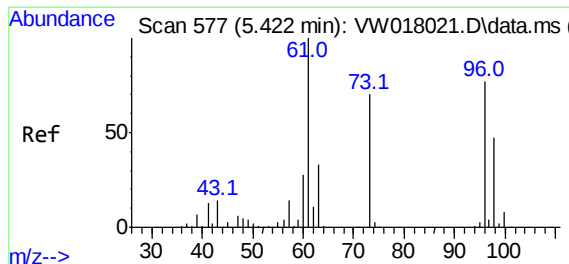
Tgt Ion: 43 Resp: 48657
Ion Ratio Lower Upper
43 100
74 27.5 20.7 31.1



#16
Methylene chloride
Concen: 18.52 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 84 Resp: 142032
Ion Ratio Lower Upper
84 100
49 105.0 81.2 150.8
86 66.2 44.5 82.7



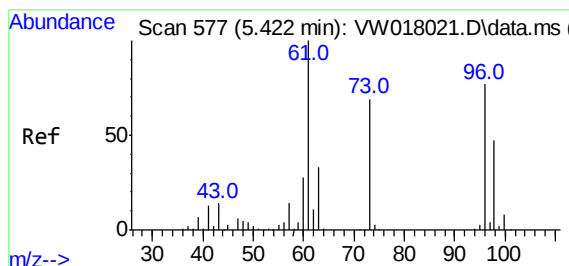
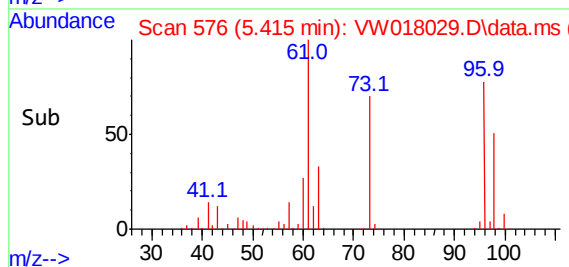
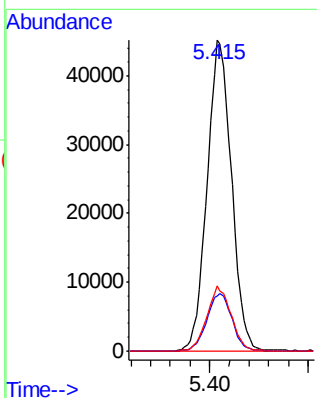
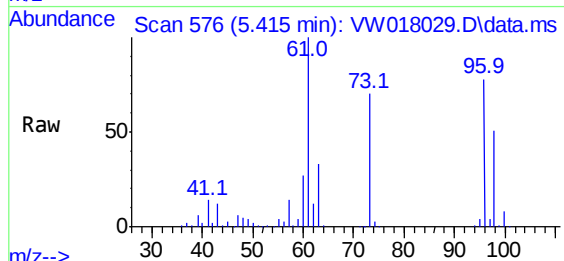


#17
Methyl tert-butyl Ether
Concen: 21.62 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 73 Resp: 155243

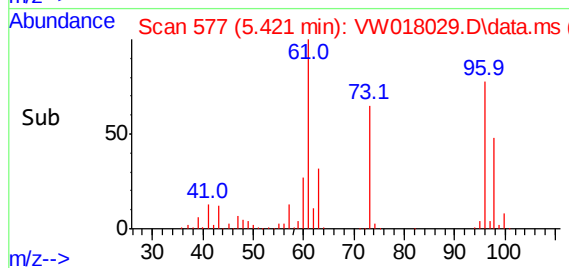
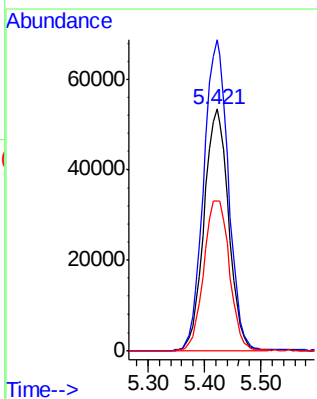
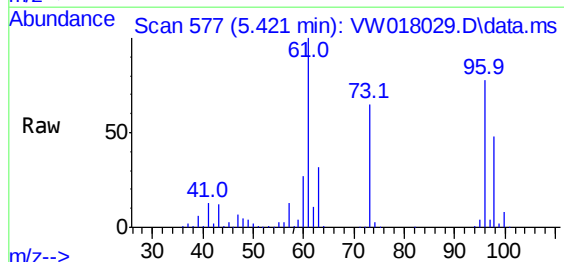
Ion	Ratio	Lower	Upper
73	100		
43	18.9	16.2	24.4
57	20.4	17.2	25.8

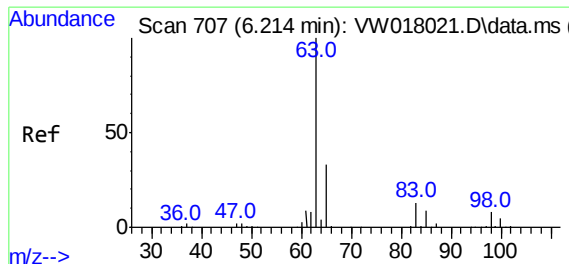


#18
trans-1,2-Dichloroethene
Concen: 23.37 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 96 Resp: 159721

Ion	Ratio	Lower	Upper
96	100		
61	128.7	92.7	172.1
98	61.8	43.3	80.3



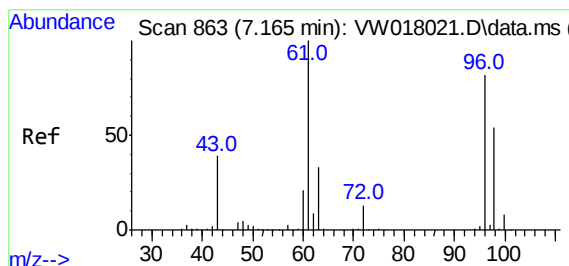
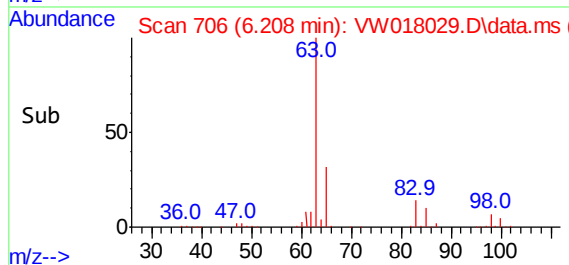
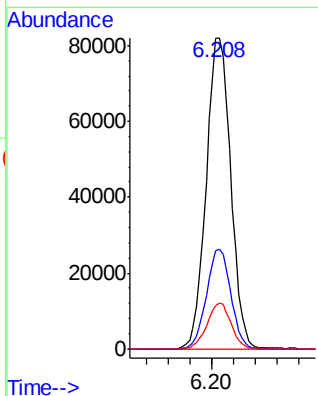
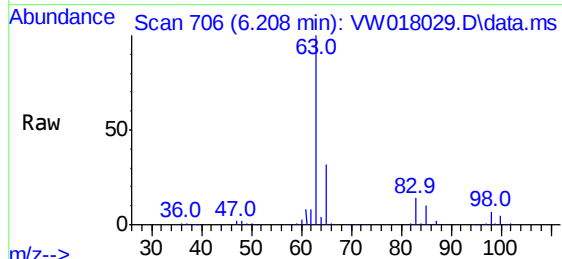


#19
 1,1-Dichloroethane
 Concen: 23.25 ug/L
 RT: 6.208 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Tgt Ion: 63 Resp: 256460

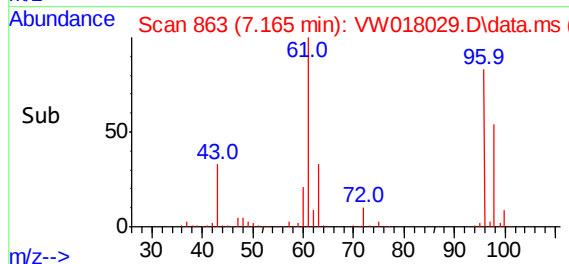
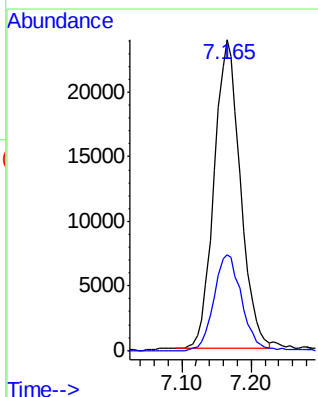
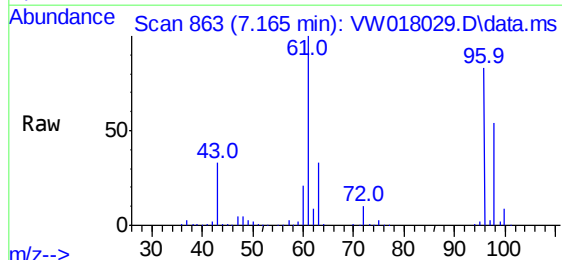
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	14.0	9.4	17.6

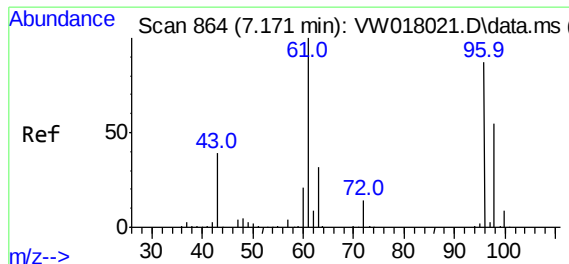


#21
 2-Butanone
 Concen: 35.47 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Tgt Ion: 43 Resp: 63423

Ion	Ratio	Lower	Upper
43	100		
72	32.6	14.4	43.2



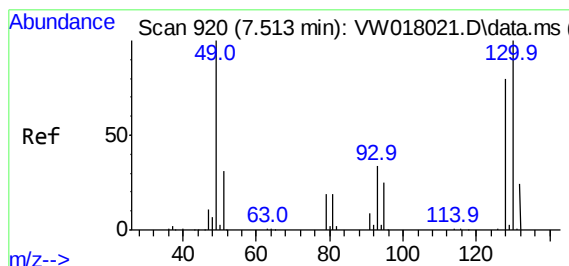
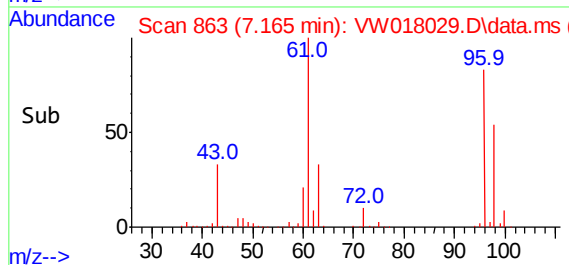
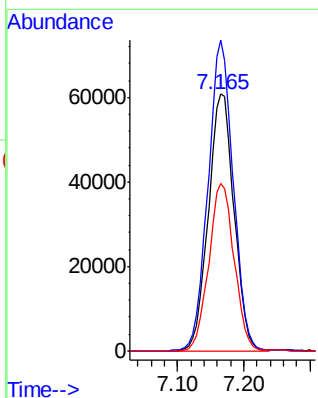
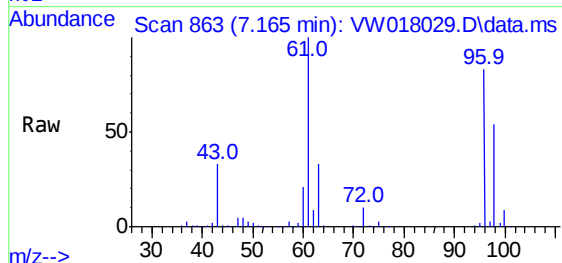


#22
 cis-1,2-Dichloroethene
 Concen: 23.16 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. -0.006 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Tgt Ion: 96 Resp: 164215

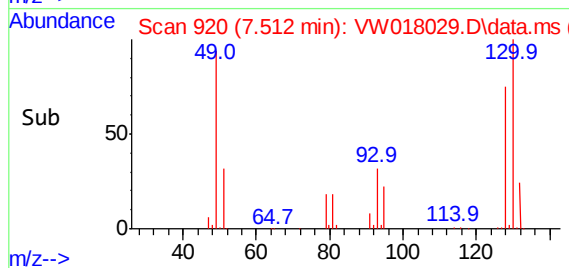
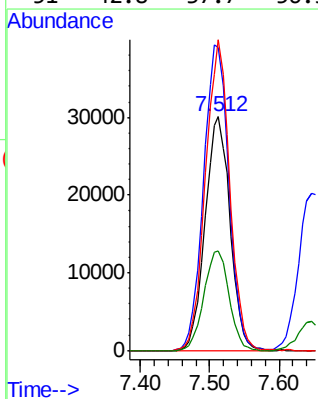
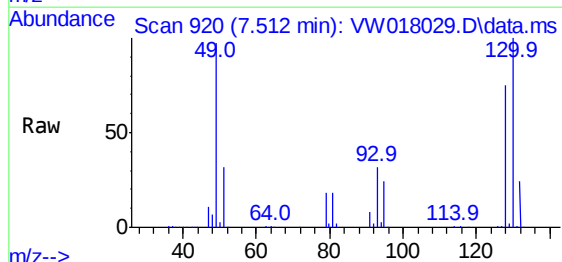
Ion	Ratio	Lower	Upper
96	100		
61	121.0	84.6	157.2
98	65.1	44.7	82.9

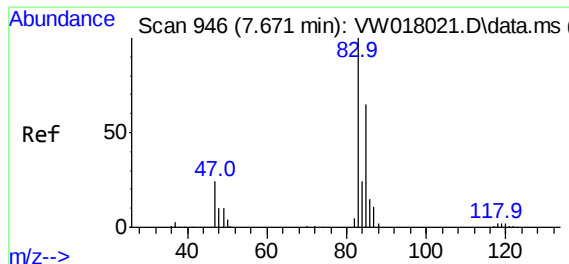


#23
 Bromochloromethane
 Concen: 21.99 ug/L
 RT: 7.512 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Tgt Ion: 128 Resp: 74932

Ion	Ratio	Lower	Upper
128	100		
49	129.5	101.6	188.6
130	132.9	90.4	167.8
51	42.8	37.7	56.5

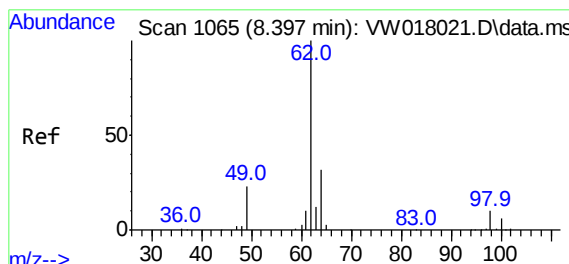
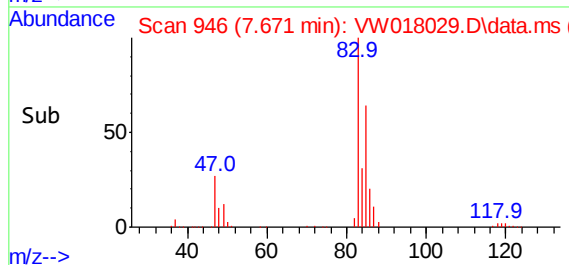
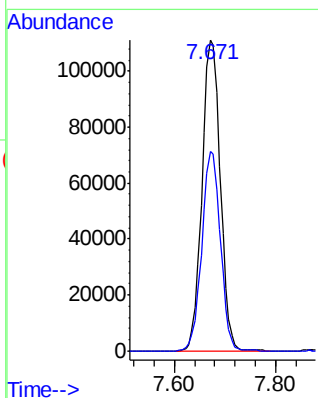
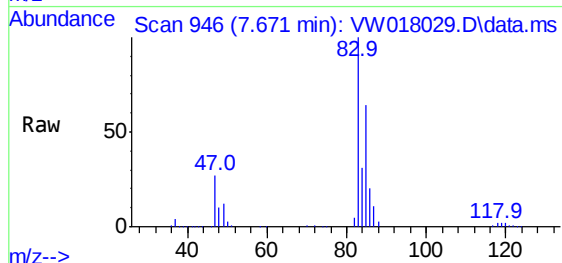




#25
Chloroform
Concen: 22.89 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

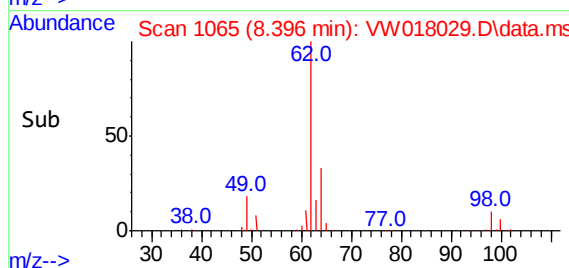
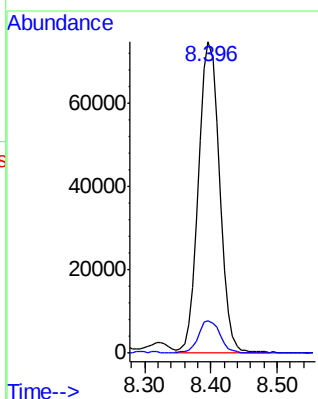
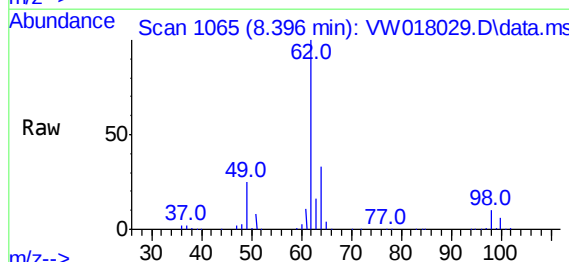
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

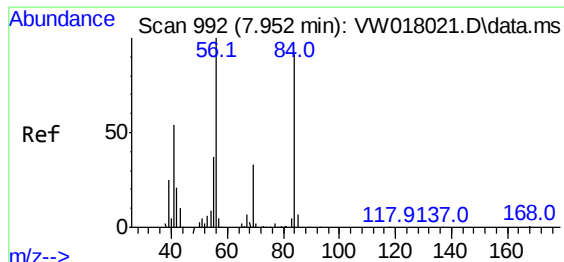
Tgt Ion: 83 Resp: 275584
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 20.99 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 62 Resp: 164044
Ion Ratio Lower Upper
62 100
98 10.0 8.0 12.0



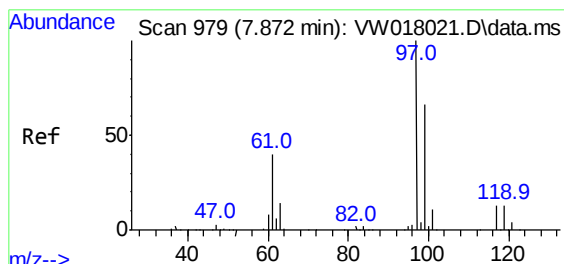
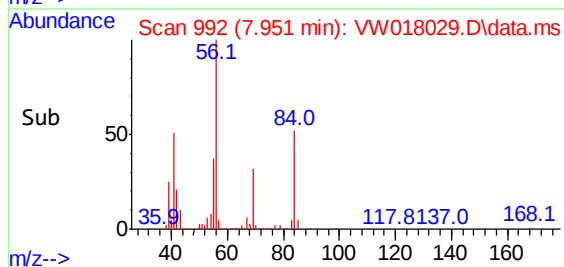
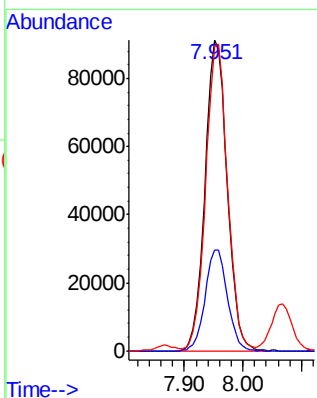
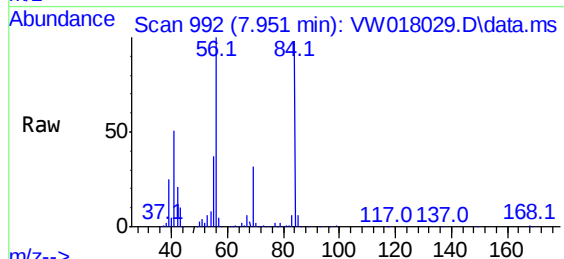


#30
Cyclohexane
Concen: 24.57 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 56 Resp: 238804

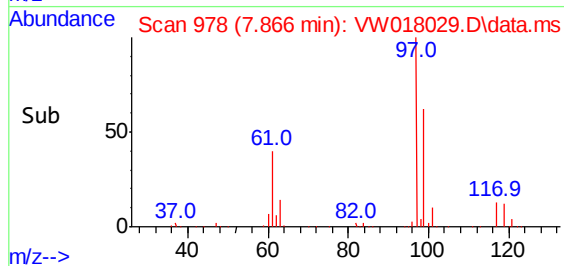
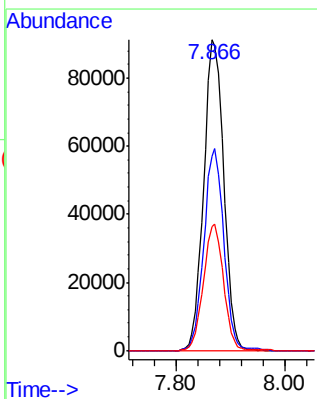
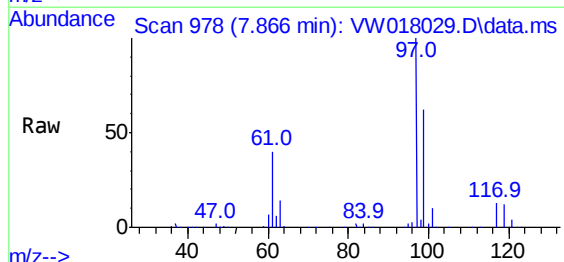
Ion	Ratio	Lower	Upper
56	100		
69	32.6	24.8	37.2
84	97.6	74.2	111.4

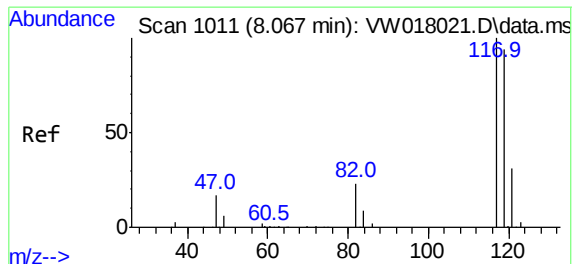


#31
1,1,1-Trichloroethane
Concen: 24.79 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 97 Resp: 233560

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.0	76.4
61	40.4	33.6	50.4

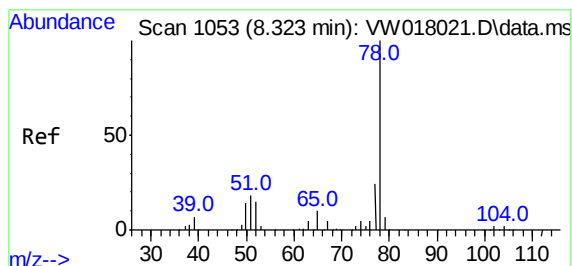
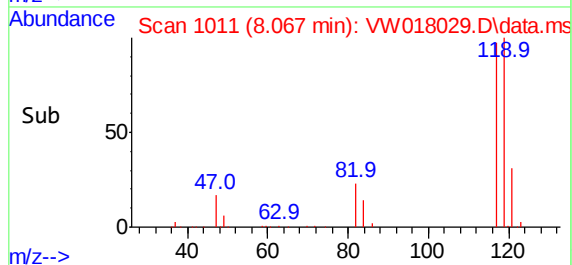
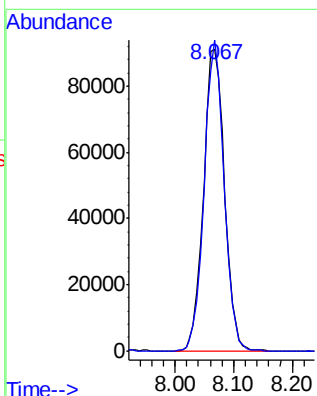
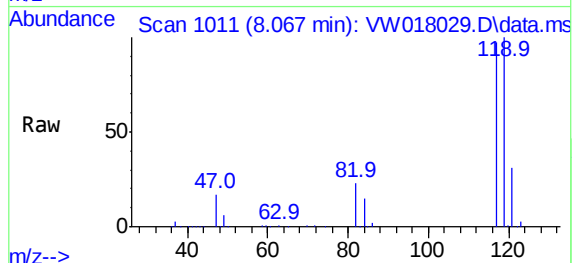




#32
Carbon tetrachloride
Concen: 24.73 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

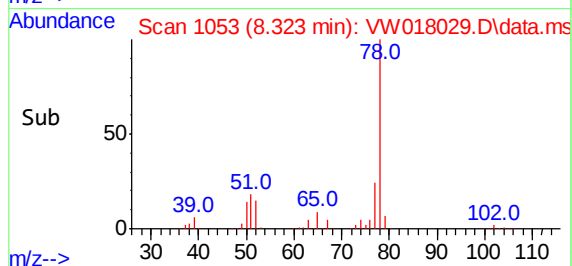
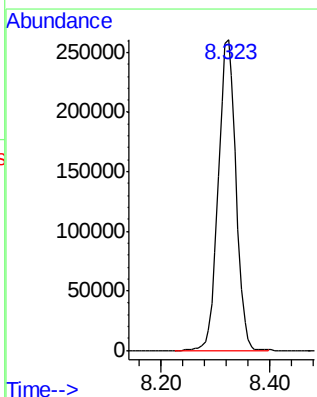
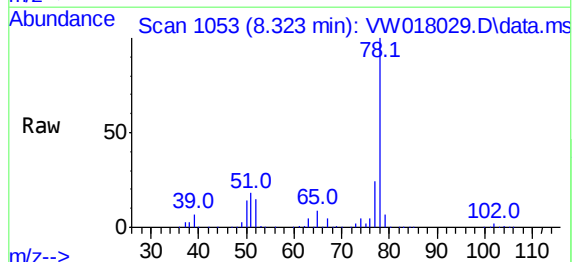
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

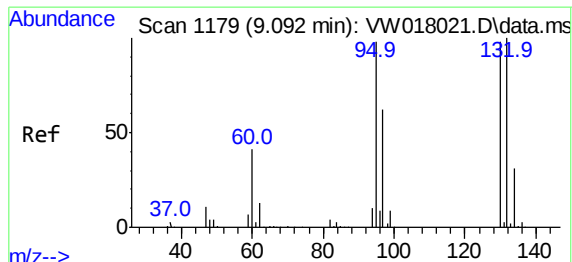
Tgt Ion:117 Resp: 225714
Ion Ratio Lower Upper
117 100
119 97.5 75.8 113.8



#34
Benzene
Concen: 23.85 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

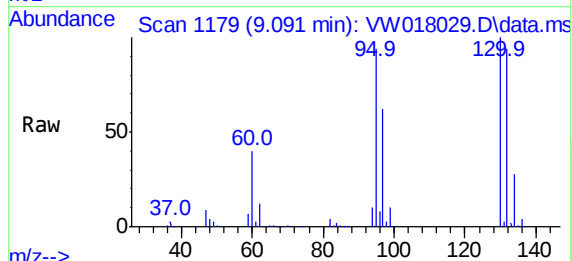
Tgt Ion: 78 Resp: 592262





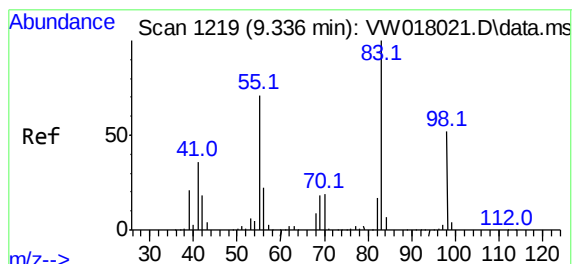
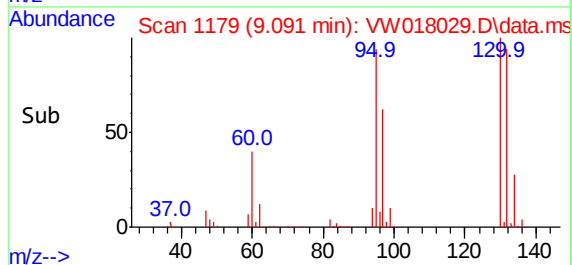
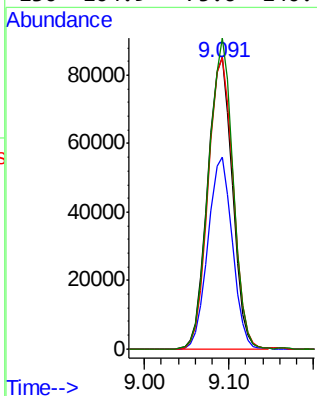
#35
Trichloroethene
Concen: 23.99 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511



Tgt Ion: 95 Resp: 167878

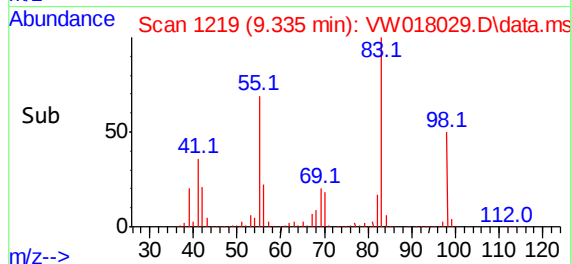
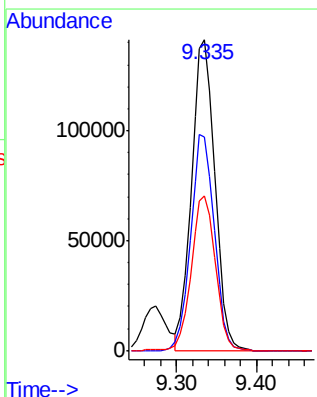
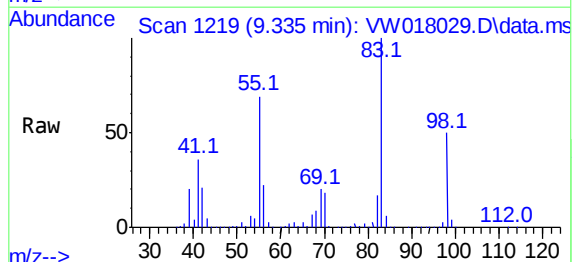
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.0	83.6
132	100.5	71.0	131.8
130	104.9	75.6	140.4

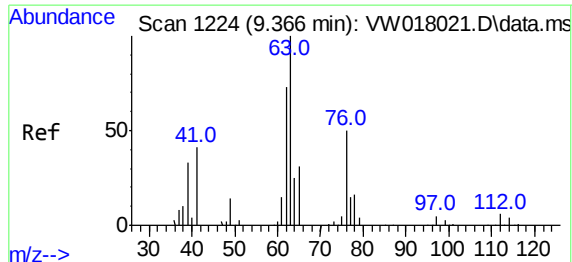


#36
Methylcyclohexane
Concen: 24.31 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 83 Resp: 286033

Ion	Ratio	Lower	Upper
83	100		
55	70.2	59.4	89.0
98	51.2	40.7	61.1

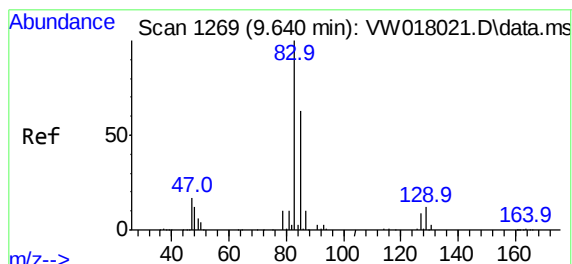
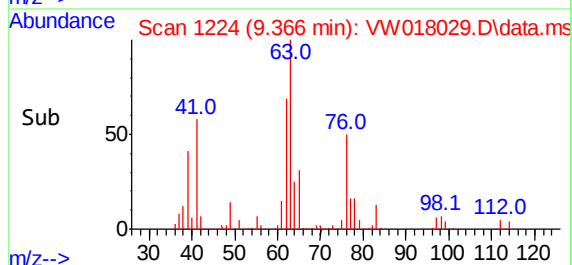
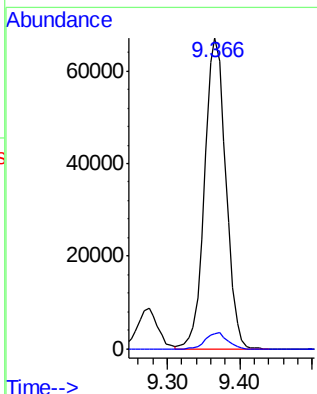
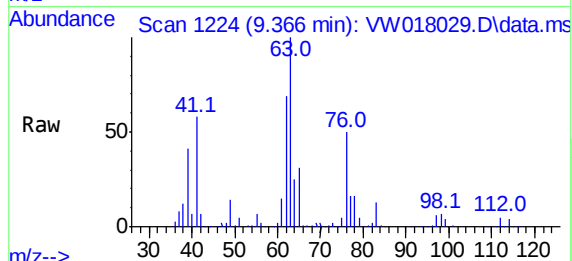




#40
1,2-Dichloropropane
Concen: 23.79 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

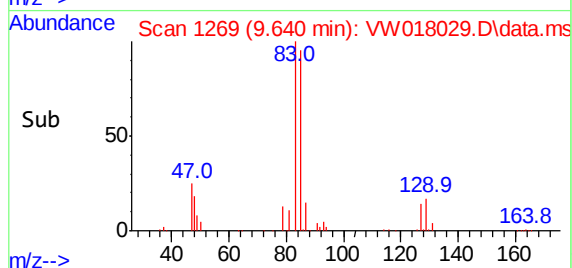
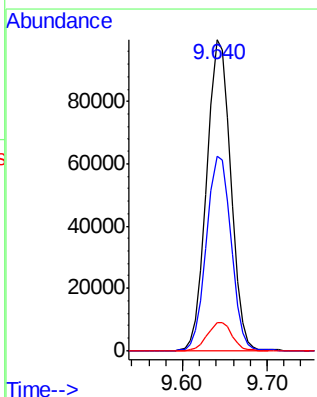
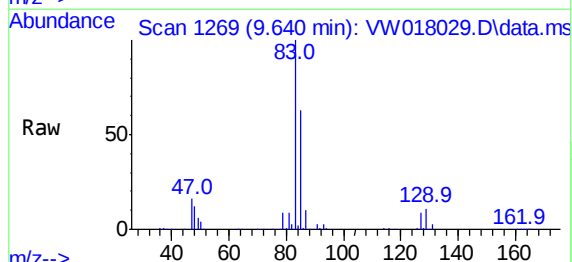
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

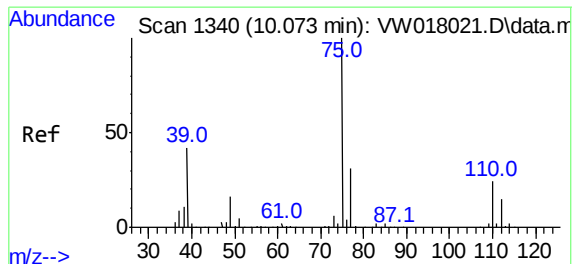
Tgt Ion: 63 Resp: 135573
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.4



#41
Bromodichloromethane
Concen: 23.41 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 83 Resp: 191061
Ion Ratio Lower Upper
83 100
85 62.7 46.8 86.8
127 9.1 7.6 11.4

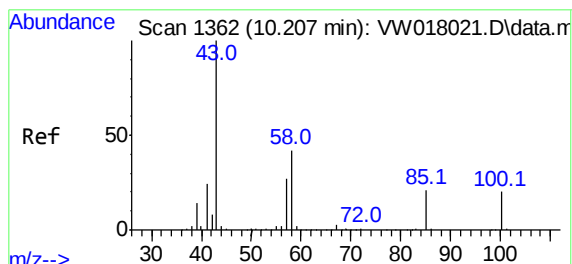
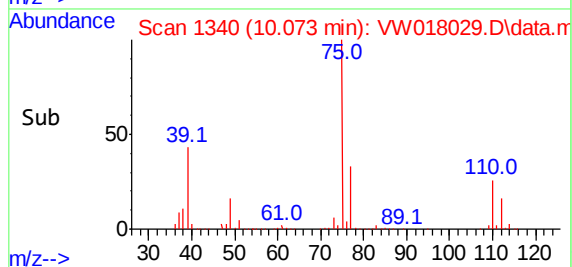
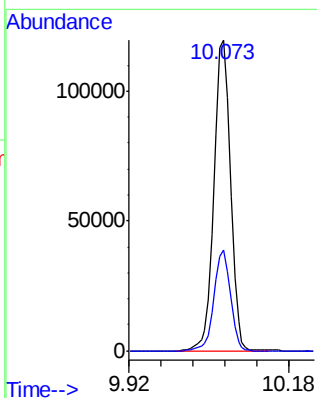
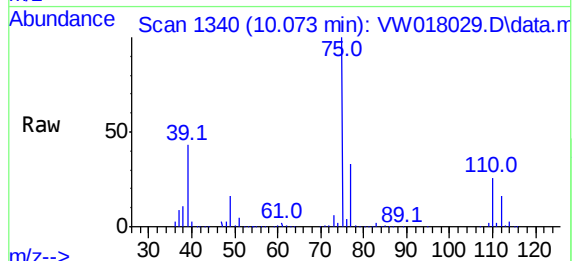




#42
cis-1,3-Dichloropropene
Concen: 24.12 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

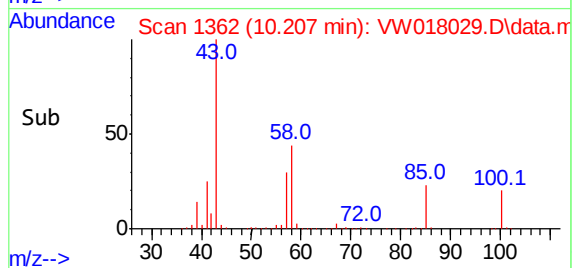
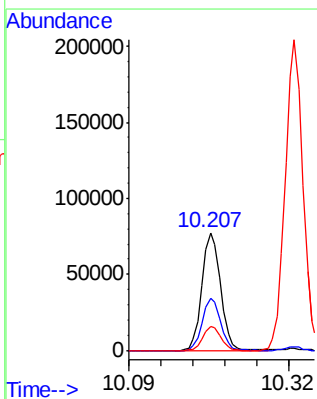
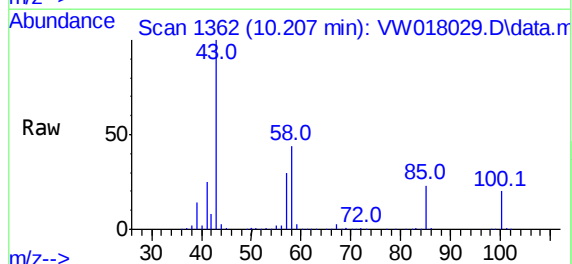
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

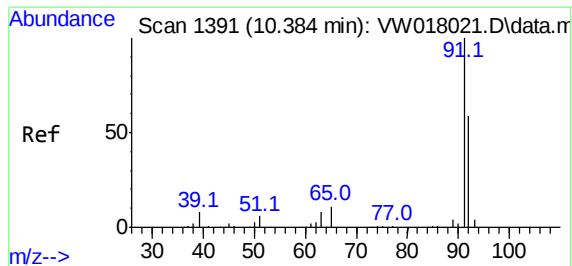
Tgt Ion: 75 Resp: 221506
Ion Ratio Lower Upper
75 100
77 32.6 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 38.83 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 43 Resp: 137589
Ion Ratio Lower Upper
43 100
58 43.5 31.6 47.4
100 20.0 14.1 21.1





#44

Toluene

Concen: 24.01 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW018029.D

Acq: 05 Feb 2021 09:42

Instrument :

MSVOA_W

ClientSampleId :

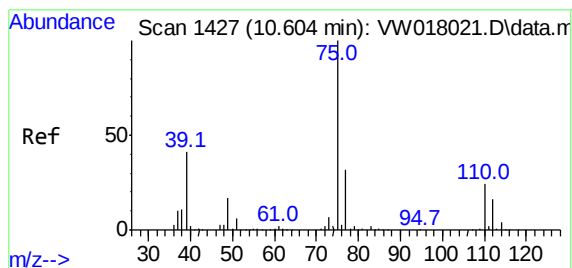
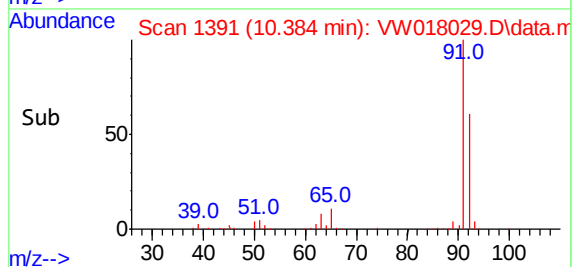
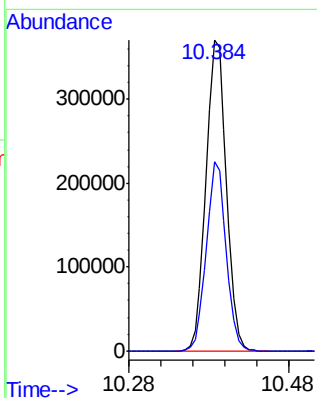
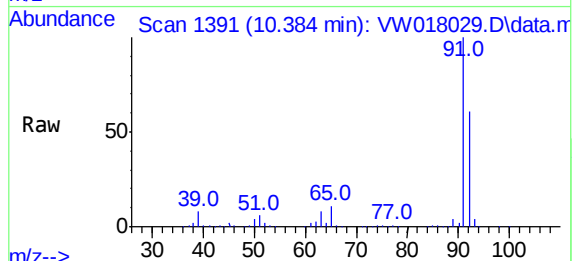
VSTD02511

Tgt Ion: 91 Resp: 656414

Ion Ratio Lower Upper

91 100

92 61.0 41.6 77.3



#45

trans-1,3-Dichloropropene

Concen: 23.34 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW018029.D

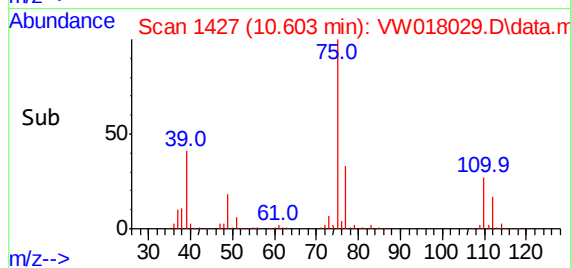
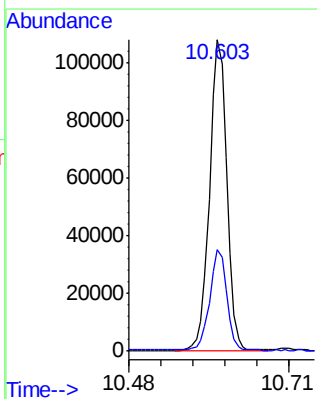
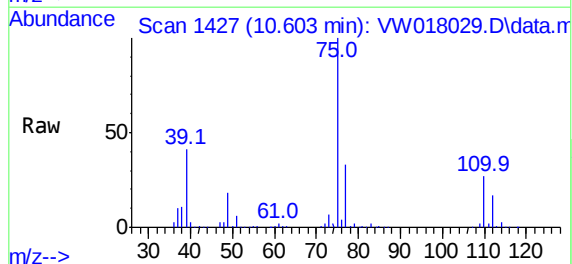
Acq: 05 Feb 2021 09:42

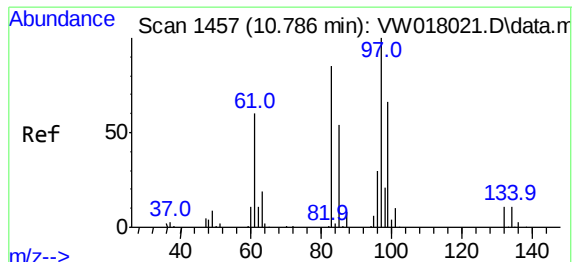
Tgt Ion: 75 Resp: 186620

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0



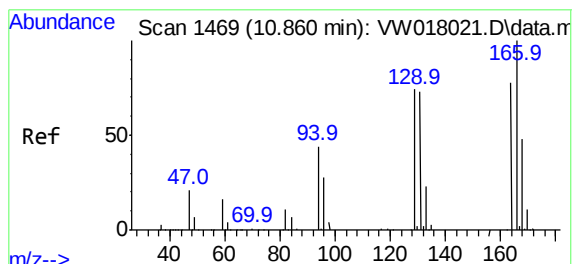
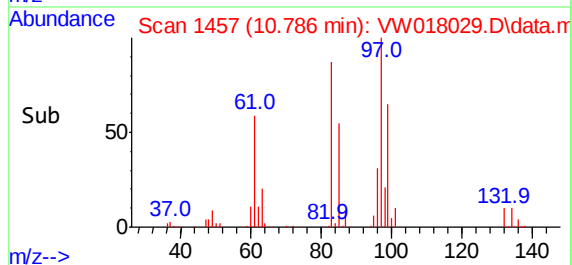
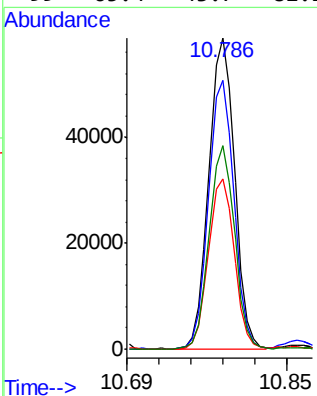
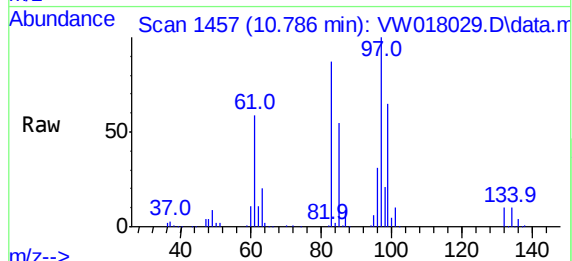


#46
1,1,2-Trichloroethane
Concen: 21.17 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion: 97 Resp: 102982

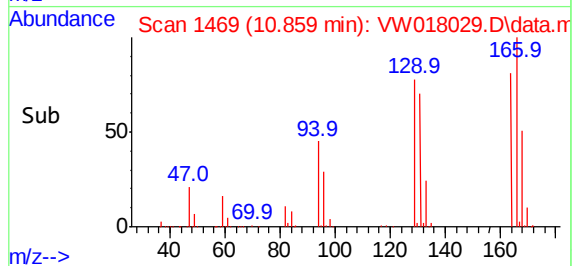
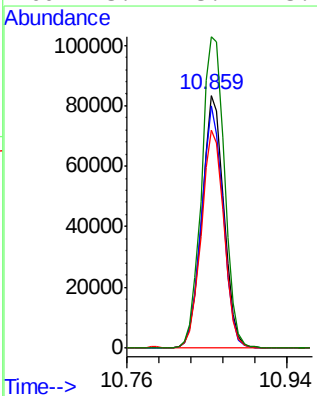
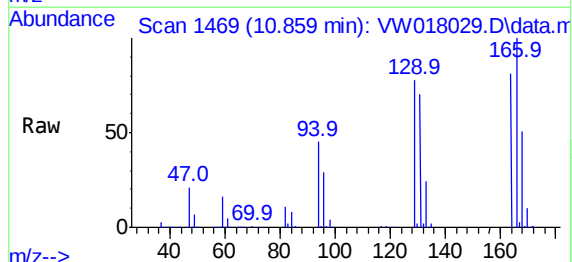
Ion	Ratio	Lower	Upper
97	100		
83	86.6	58.5	108.7
85	54.6	37.8	70.2
99	65.4	43.7	81.1

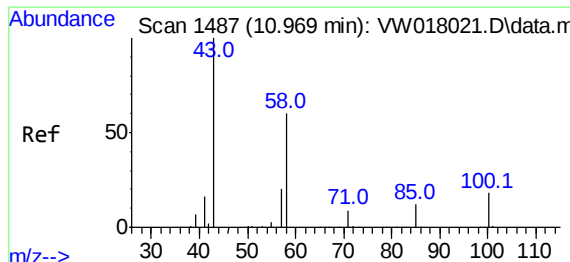


#47
Tetrachloroethene
Concen: 23.70 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 164 Resp: 141228

Ion	Ratio	Lower	Upper
164	100		
129	95.9	67.6	125.6
131	86.0	65.2	121.2
166	123.1	93.2	173.2

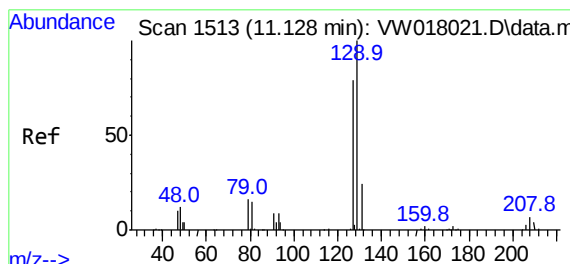
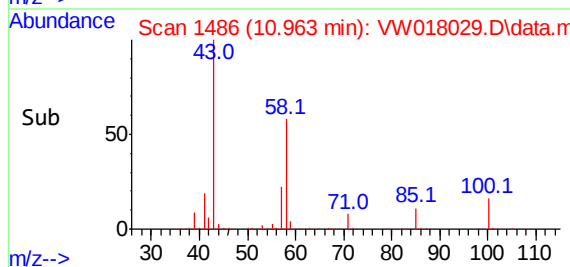
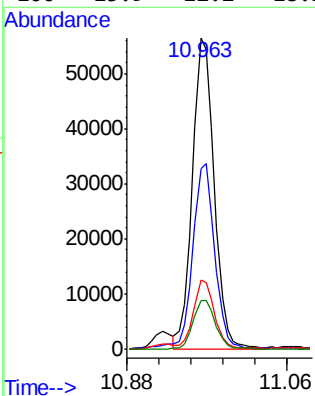
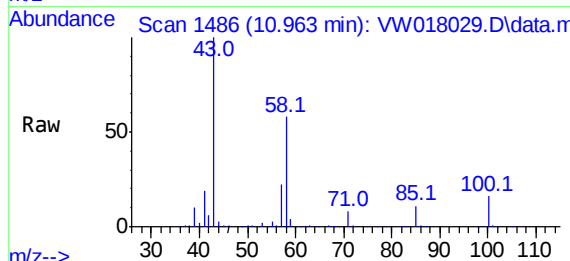




#49
2-Hexanone
Concen: 38.80 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

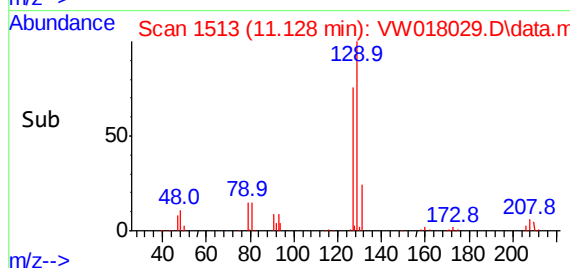
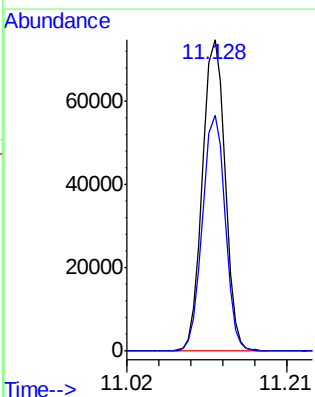
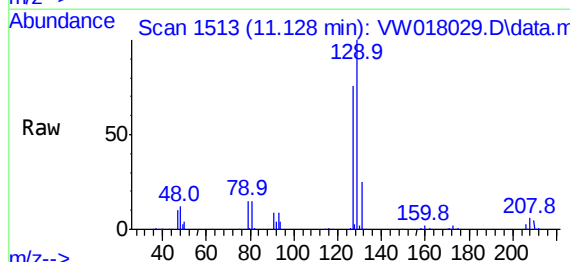
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

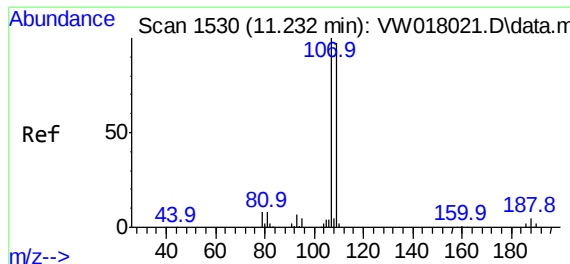
Tgt Ion: 43 Resp: 95558
Ion Ratio Lower Upper
43 100
58 59.4 51.3 76.9
57 21.5 15.0 22.6
100 15.9 12.2 18.2



#50
Dibromochloromethane
Concen: 22.93 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 129 Resp: 133671
Ion Ratio Lower Upper
129 100
127 75.7 53.2 98.8

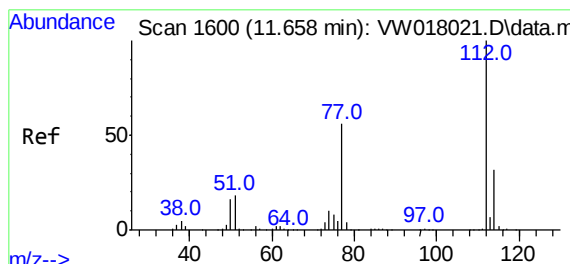
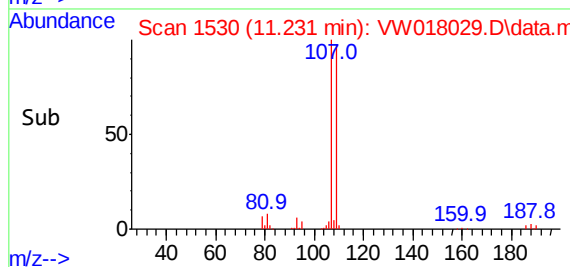
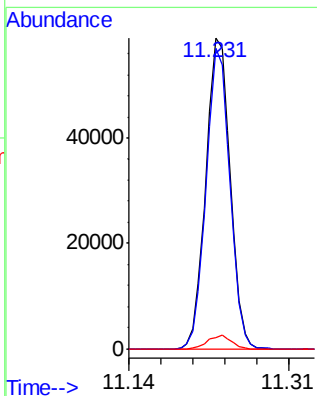
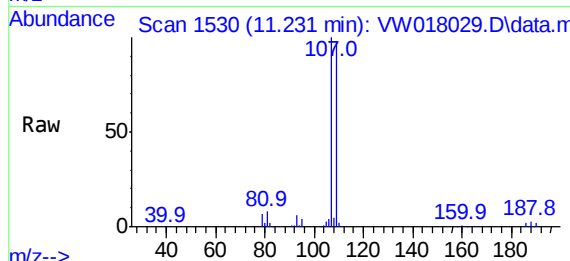




#51
1,2-Dibromoethane
Concen: 21.24 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

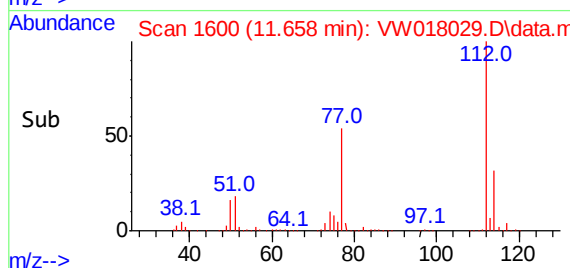
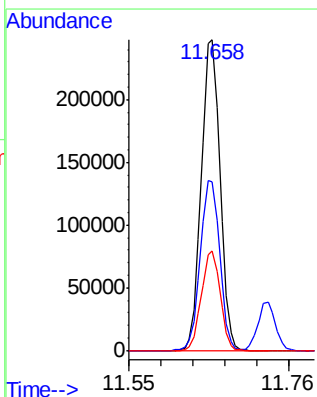
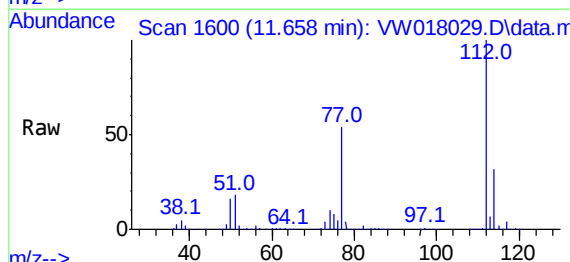
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

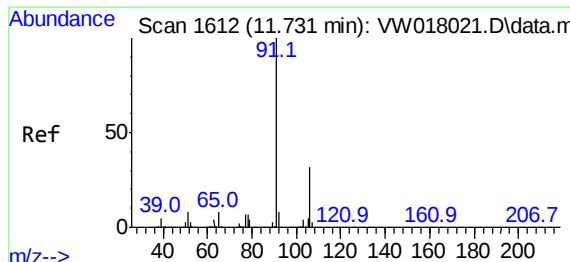
Tgt Ion:107 Resp: 103059
Ion Ratio Lower Upper
107 100
109 96.6 66.4 123.2
188 3.5 4.0 6.0#



#52
Chlorobenzene
Concen: 23.36 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion:112 Resp: 420705
Ion Ratio Lower Upper
112 100
77 54.3 42.6 64.0
114 32.1 21.6 40.2

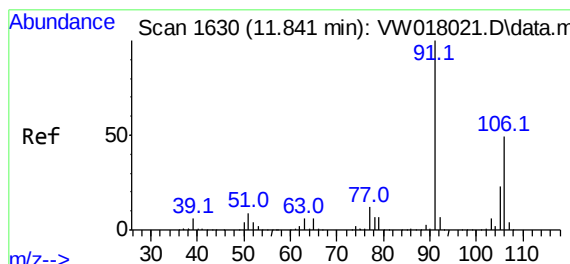
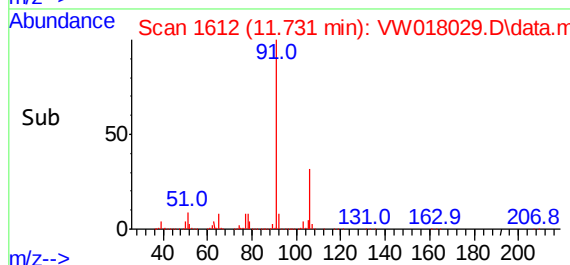
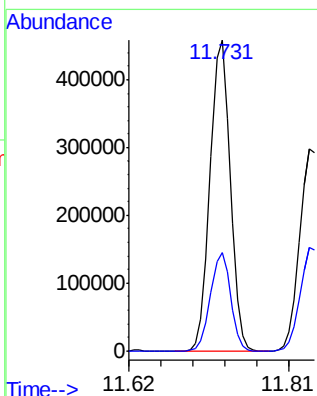
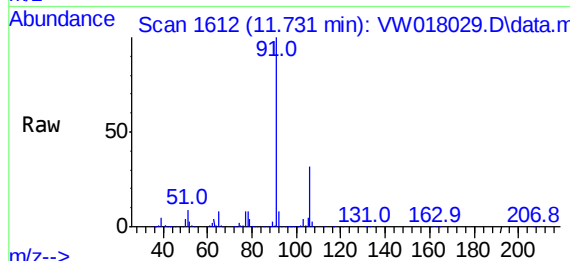




#53
Ethylbenzene
Concen: 23.69 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

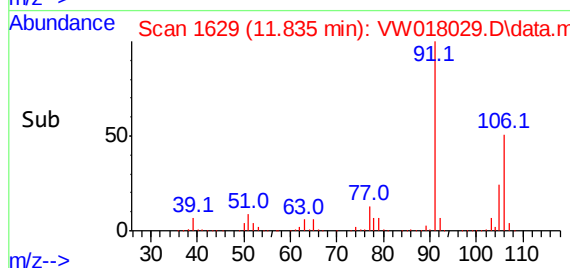
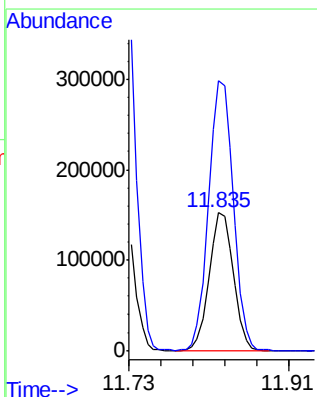
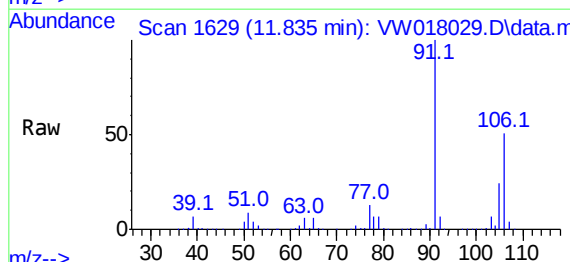
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

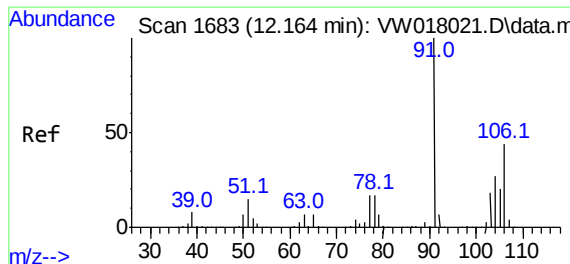
Tgt Ion: 91 Resp: 735747
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.1



#54
m,p-Xylene
Concen: 24.12 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 106 Resp: 285658
Ion Ratio Lower Upper
106 100
91 196.3 136.4 253.4

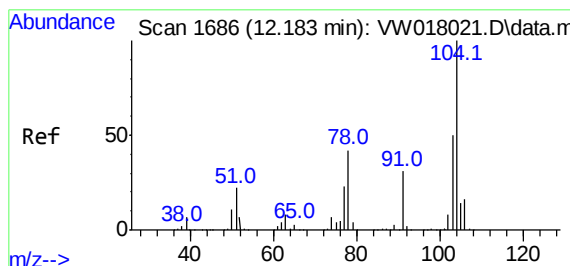
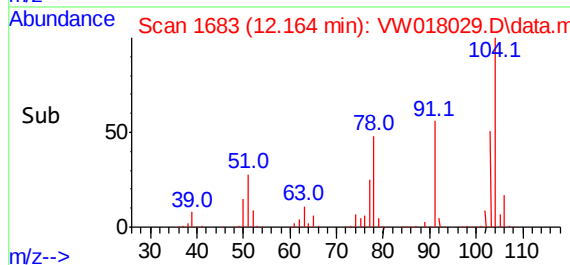
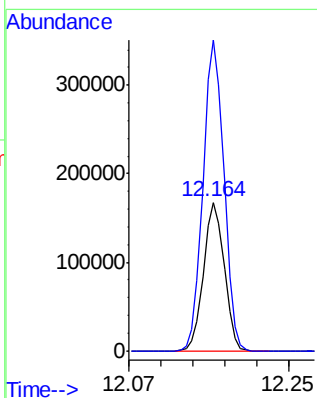
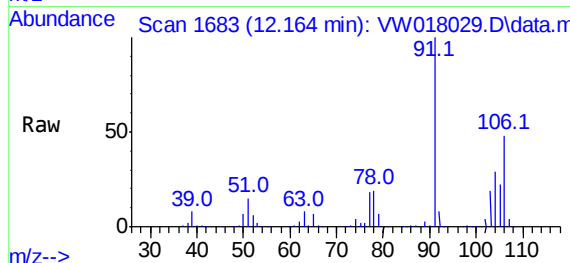




#55
o-xylene
Concen: 24.01 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

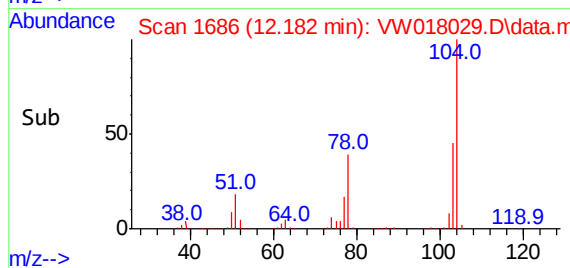
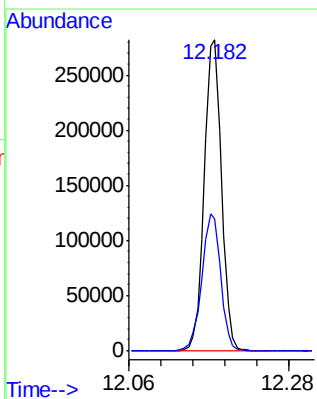
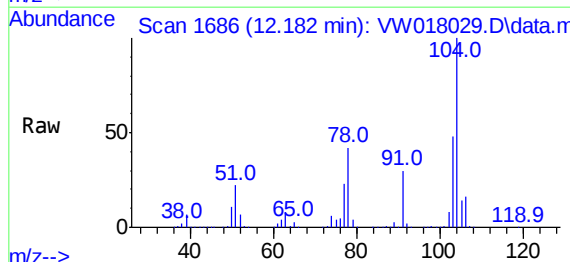
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

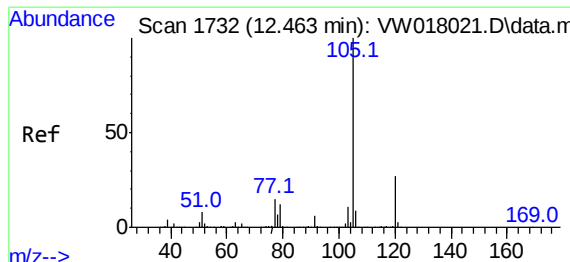
Tgt Ion:106 Resp: 269799
Ion Ratio Lower Upper
106 100
91 209.3 147.6 274.2



#56
Styrene
Concen: 24.21 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion:104 Resp: 462642
Ion Ratio Lower Upper
104 100
78 42.1 31.3 58.1

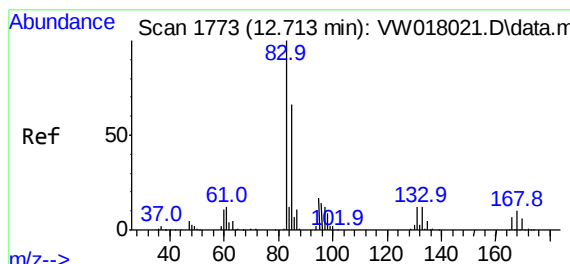
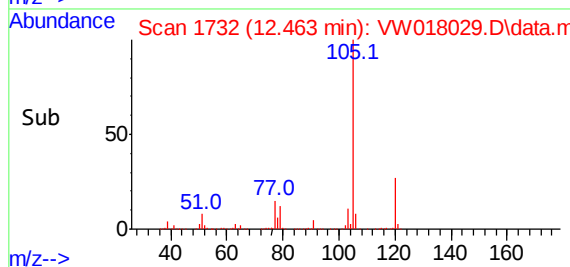
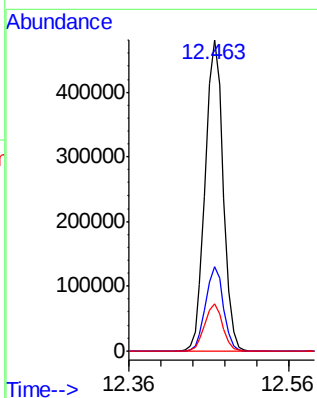
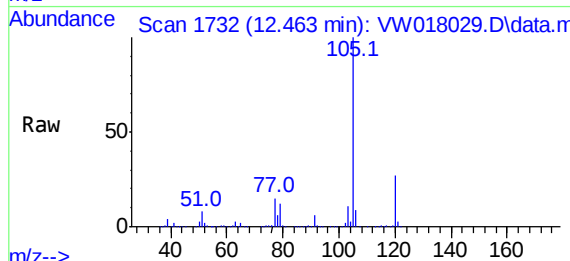




#57
Isopropylbenzene
Concen: 23.94 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

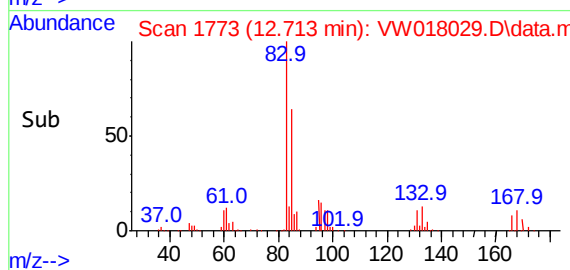
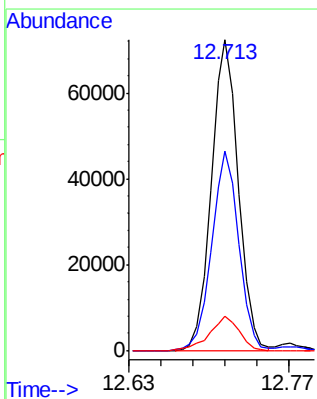
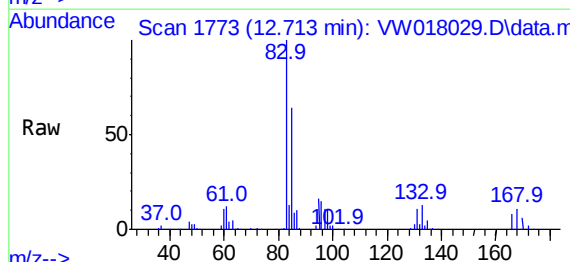
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

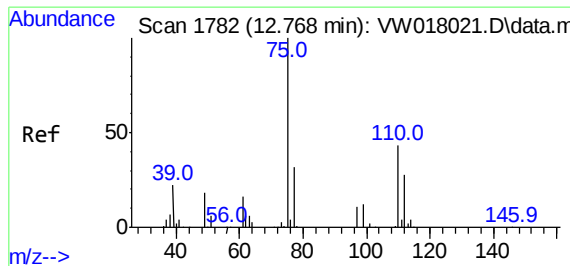
Tgt Ion:105 Resp: 749013
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.9 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 20.13 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 83 Resp: 115869
Ion Ratio Lower Upper
83 100
85 64.0 45.3 84.1
131 11.2 8.3 12.5

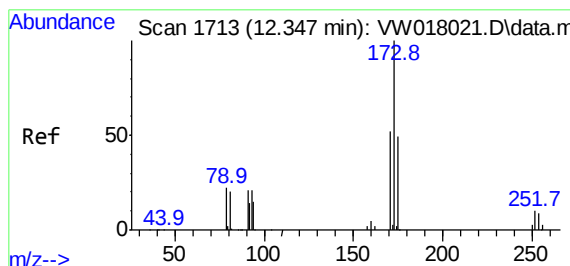
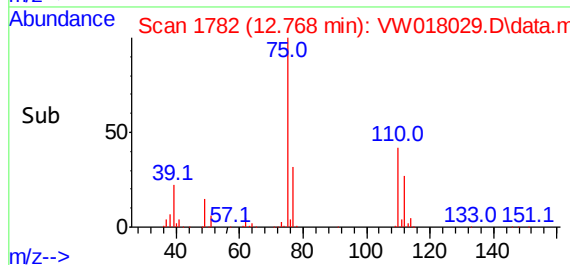
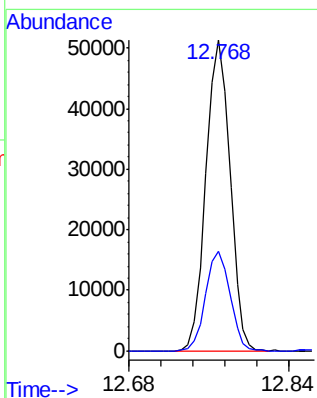
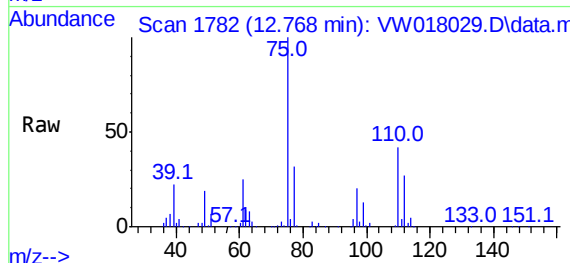




#59
1,2,3-Trichloropropane
Concen: 19.33 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

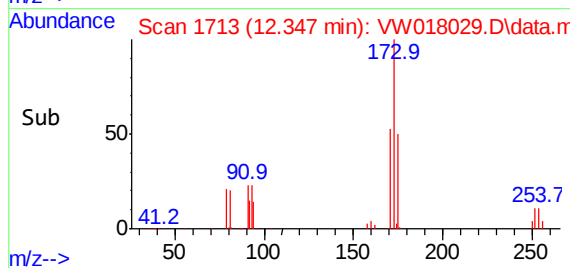
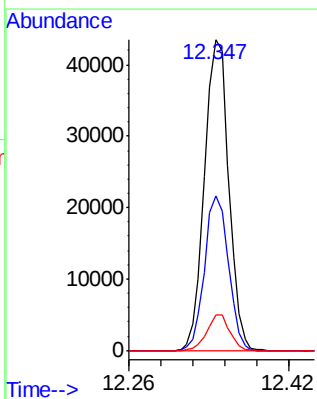
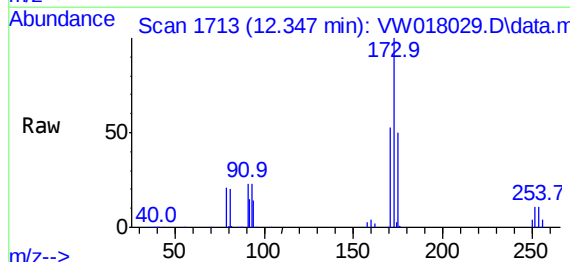
Instrument :
MSVOA_W
ClientSampled :
VSTD02511

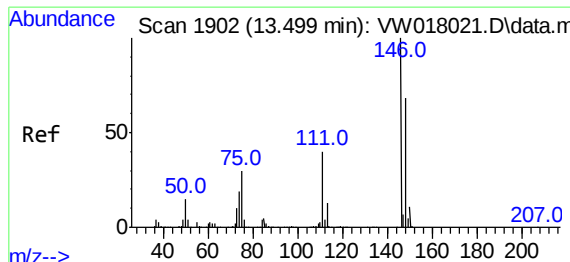
Tgt Ion: 75 Resp: 84289
Ion Ratio Lower Upper
75 100
77 32.4 26.6 39.8



#62
Bromoform
Concen: 21.91 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 173 Resp: 75720
Ion Ratio Lower Upper
173 100
175 49.1 39.1 58.7
254 10.8 7.1 10.7#

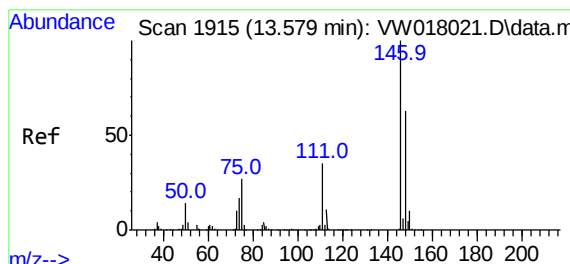
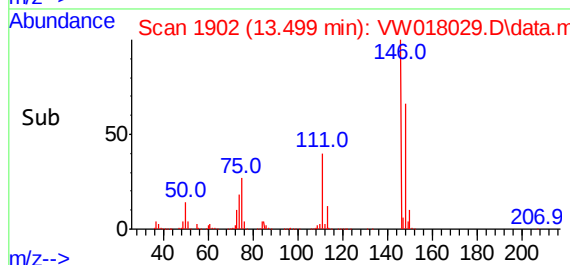
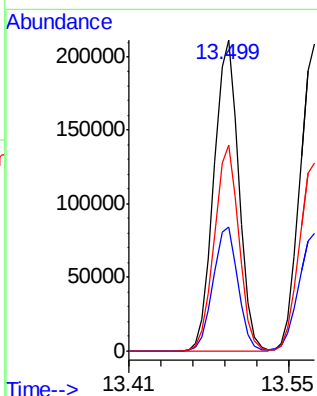
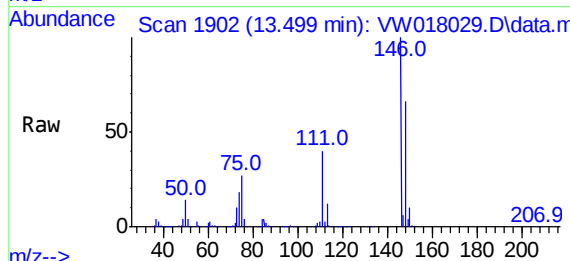




#63
1,3-Dichlorobenzene
Concen: 23.38 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

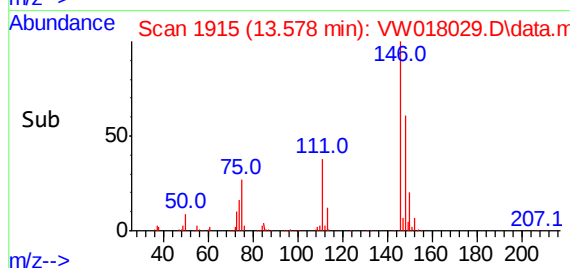
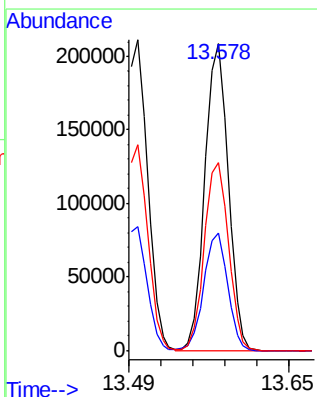
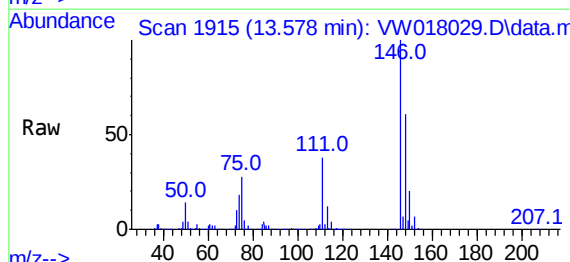
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

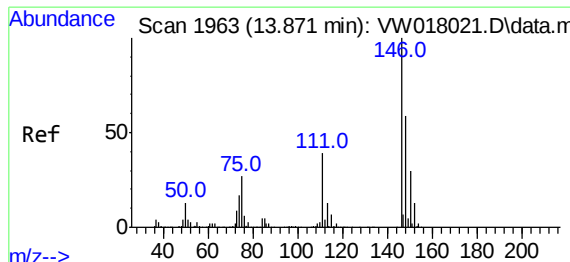
Tgt Ion:146 Resp: 334120
Ion Ratio Lower Upper
146 100
111 40.0 28.5 52.9
148 66.2 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 23.18 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion:146 Resp: 333220
Ion Ratio Lower Upper
146 100
111 38.2 27.7 51.5
148 61.2 47.0 87.2

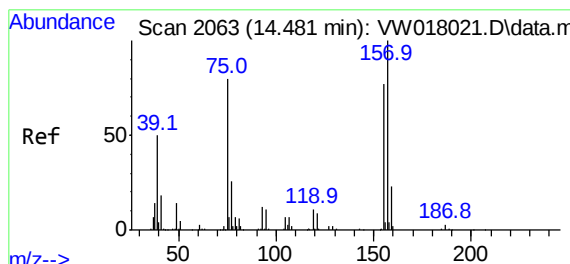
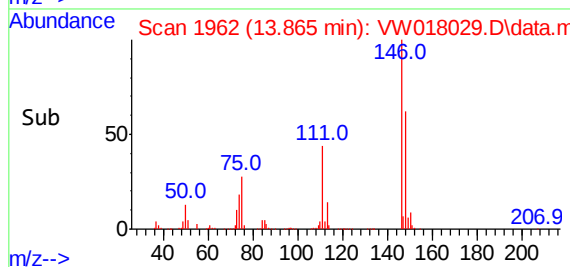
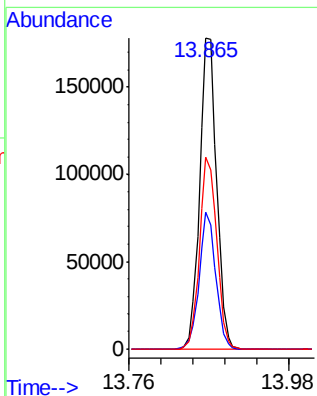
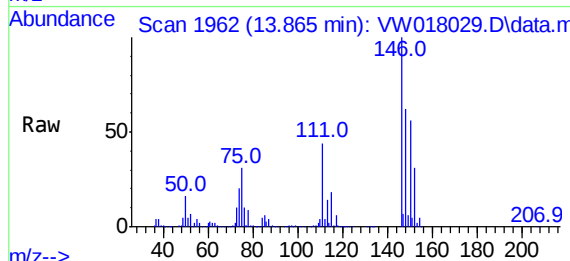




#65
1,2-Dichlorobenzene
Concen: 22.60 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

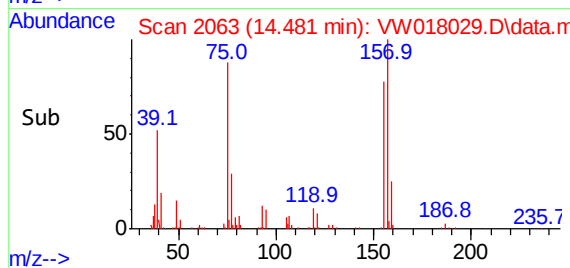
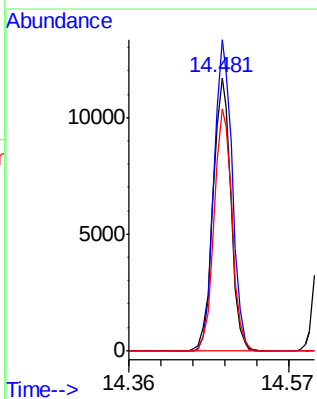
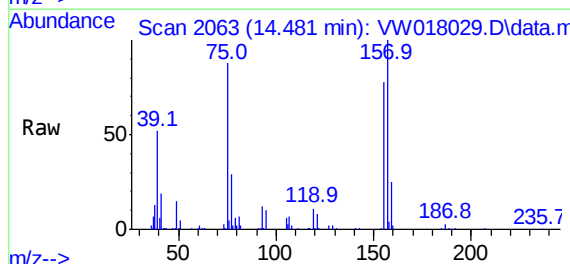
Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

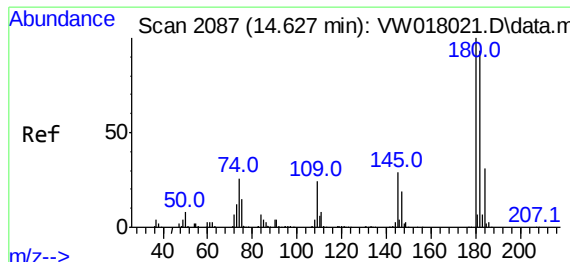
Tgt Ion:146 Resp: 291218
Ion Ratio Lower Upper
146 100
111 44.0 31.7 47.5
148 61.6 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 19.39 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion: 75 Resp: 18930
Ion Ratio Lower Upper
75 100
157 114.1 99.9 149.9
155 88.9 71.4 107.0



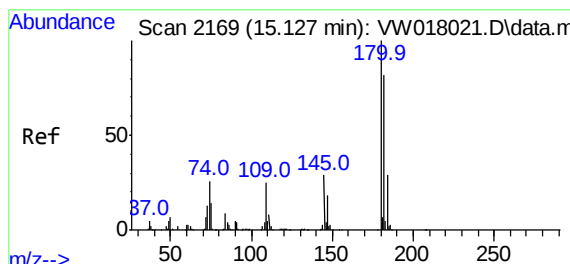
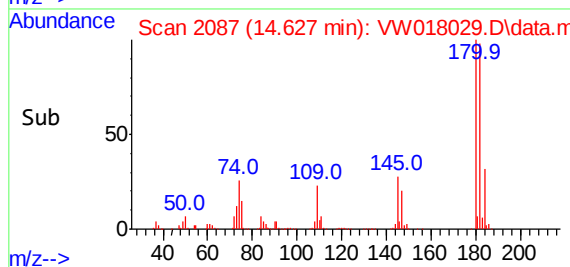
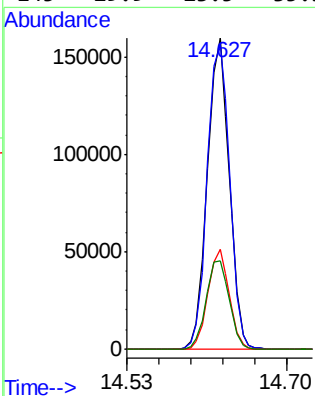
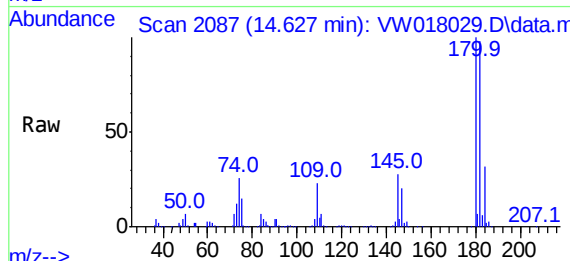


#67
 1,3,5-Trichlorobenzene
 Concen: 22.87 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02511

Tgt Ion:180 Resp: 251096

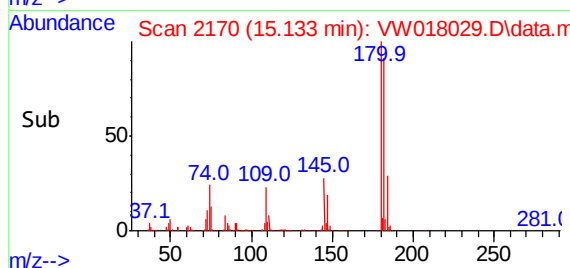
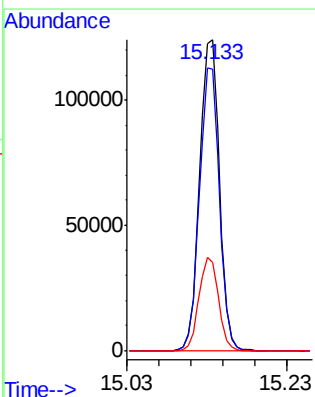
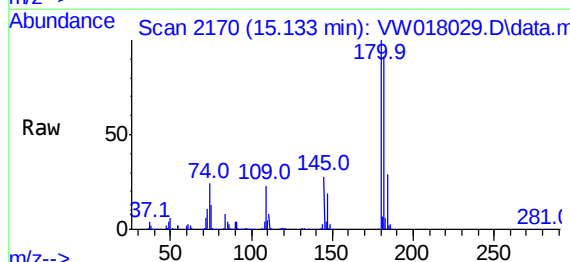
Ion	Ratio	Lower	Upper
180	100		
182	100.5	77.0	115.6
184	30.9	24.2	36.4
145	29.9	23.5	35.3

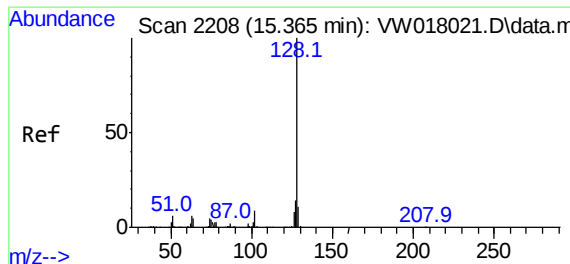


#68
 1,2,4-trichlorobenzene
 Concen: 23.15 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW018029.D
 Acq: 05 Feb 2021 09:42

Tgt Ion:180 Resp: 211874

Ion	Ratio	Lower	Upper
180	100		
182	91.3	71.3	106.9
145	29.4	24.0	36.0

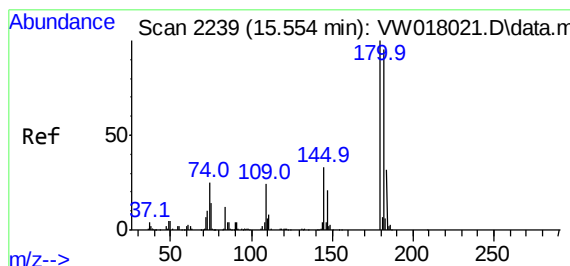
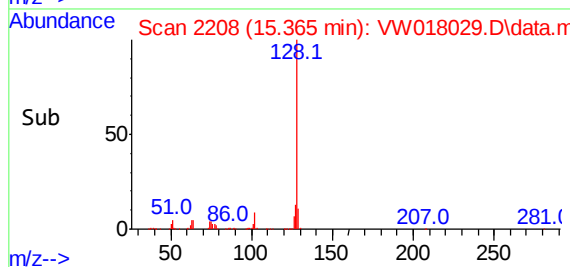
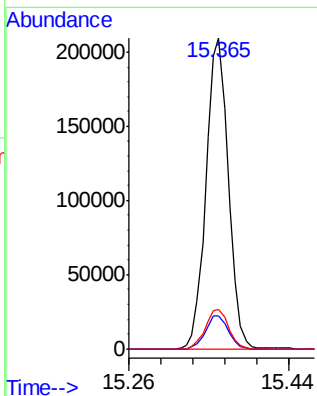
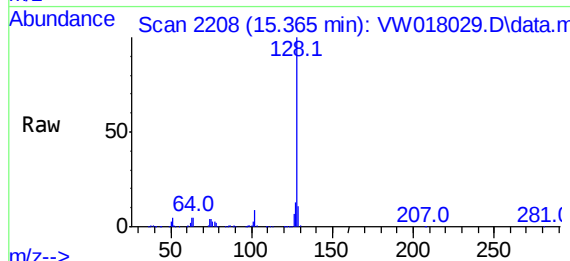




#69
Naphthalene
Concen: 20.33 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Instrument :
MSVOA_W
ClientSampleId :
VSTD02511

Tgt Ion:128 Resp: 362098
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.0 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 21.61 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW018029.D
Acq: 05 Feb 2021 09:42

Tgt Ion:180 Resp: 176305
Ion Ratio Lower Upper
180 100
182 98.2 74.7 112.1
145 32.1 25.4 38.0

