

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021521\
 Data File : VW018148.D
 Acq On : 15 Feb 2021 20:15
 Operator : SY/VA
 Sample : VSTDCCC050EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

Quant Time: Feb 16 02:28:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 16 02:20:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	410360	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	373489	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.554	152	194754	25.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	87968	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.00%
7) Chloroethane-d5	2.891	69	77431	19.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.52%
10) 1,1-Dichloroethene-d2	4.031	63	206623	20.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.08%
20) 2-Butanone-d5	7.080	46	52542	38.61	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.22%
24) Chloroform-d	7.647	84	242184	22.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	8.305	65	118373	20.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.56%
29) Benzene-d6	8.275	84	463621	22.61	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.44%
33) 1,2-Dichloropropane-d6	9.274	67	131118	22.86	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.44%
37) Toluene-d8	10.323	98	439574	22.53	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.12%
38) trans-1,3-Dichloroprop...	10.579	79	56544	21.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.00%
39) 2-Hexanone-d5	10.920	63	45837	41.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.60%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	110626	21.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.84%
61) 1,2-Dichlorobenzene-d4	13.853	152	167784	24.15	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.60%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.014	85	112912	20.34	ug/L 97
3) Chloromethane	2.215	50	83695	20.46	ug/L 98
5) Vinyl chloride	2.367	62	134498	23.85	ug/L 100
6) Bromomethane	2.782	94	92778	23.13	ug/L 100
8) Chloroethane	2.928	64	79206	23.50	ug/L 98
9) Trichlorofluoromethane	3.263	101	88721	21.75	ug/L 100
11) 1,1,2-Trichloro-1,2,2-...	4.068	101	140860	24.17	ug/L # 66
12) 1,1-Dichloroethene	4.050	96	135370	24.69	ug/L 85
13) Acetone	4.129	43	35020	34.78	ug/L 96
14) Carbon disulfide	4.391	76	374053	23.42	ug/L 99
15) Methyl Acetate	4.672	43	44866	20.09	ug/L 96
16) Methylene chloride	4.922	84	146824	22.33	ug/L 93
17) Methyl tert-butyl Ether	5.428	73	151087	24.54	ug/L 97
18) trans-1,2-Dichloroethene	5.428	96	146973	25.08	ug/L 93
19) 1,1-Dichloroethane	6.220	63	233727	24.71	ug/L 98
21) 2-Butanone	7.171	43	56364	36.77	ug/L 92
22) cis-1,2-Dichloroethene	7.165	96	155244	25.54	ug/L 97
23) Bromochloromethane	7.519	128	71299	24.41	ug/L 88
25) Chloroform	7.677	83	257427	24.94	ug/L 100
27) 1,2-Dichloroethane	8.403	62	152173	22.72	ug/L 100

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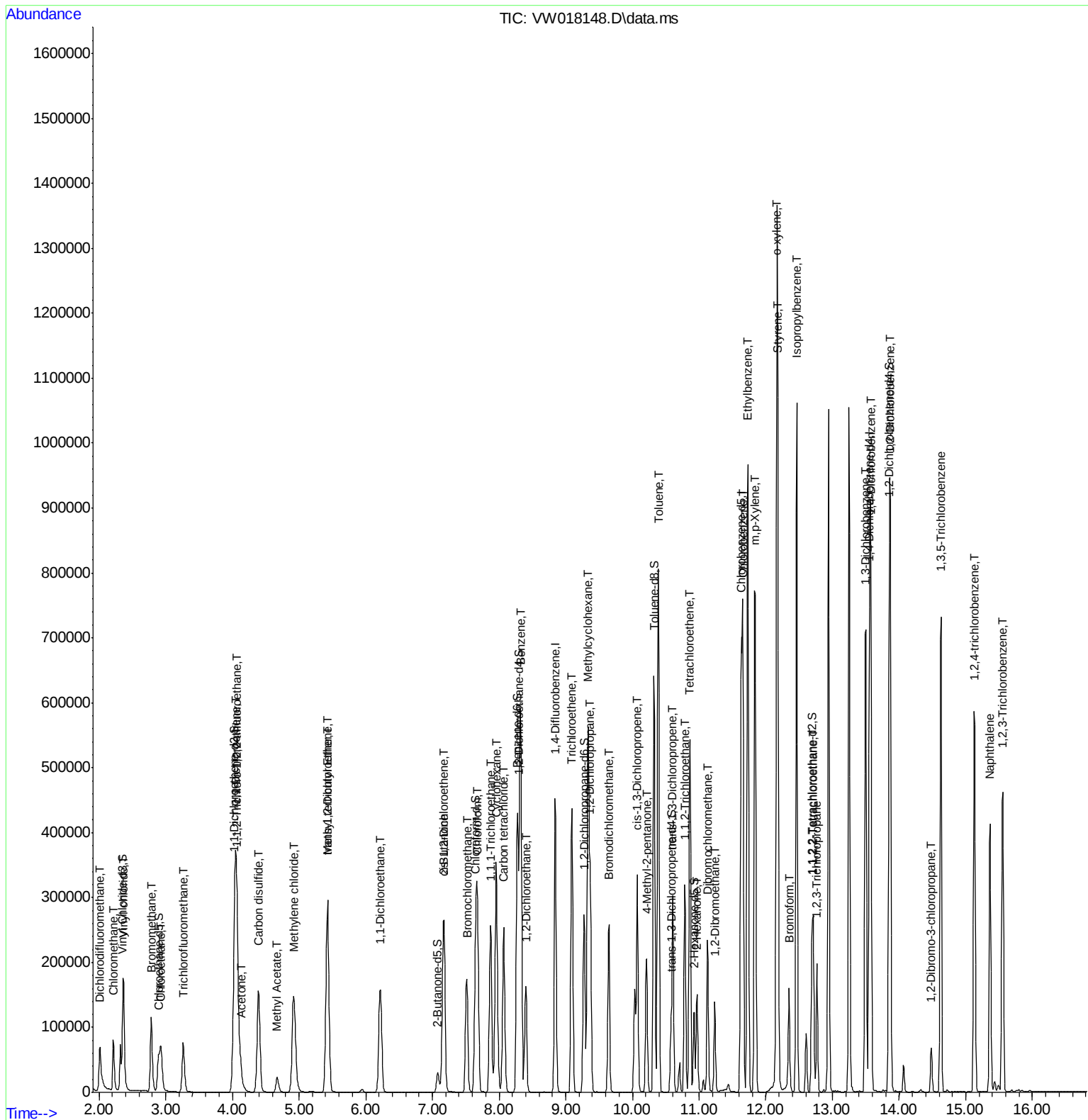
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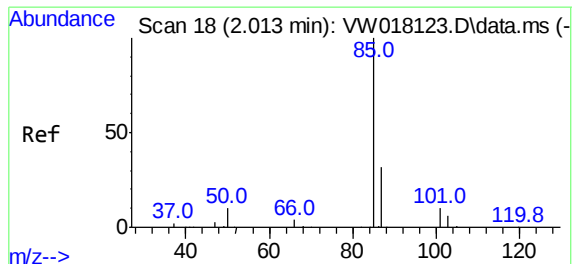
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) Cyclohexane	7.958	56	204329	23.92	ug/L	93
31) 1,1,1-Trichloroethane	7.872	97	212095	25.61	ug/L	98
32) Carbon tetrachloride	8.067	117	200476	24.99	ug/L	98
34) Benzene	8.323	78	551341	25.26	ug/L	100
35) Trichloroethene	9.092	95	151989	24.71	ug/L	98
36) Methylcyclohexane	9.335	83	253608	24.52	ug/L	95
40) 1,2-Dichloropropane	9.366	63	126419	25.24	ug/L	100
41) Bromodichloromethane	9.646	83	177619	24.76	ug/L	98
42) cis-1,3-Dichloropropene	10.073	75	202514	25.09	ug/L	99
43) 4-Methyl-2-pentanone	10.213	43	129814	41.68	ug/L	92
44) Toluene	10.390	91	620101	25.81	ug/L	97
45) trans-1,3-Dichloropropene	10.603	75	172563	24.56	ug/L	100
46) 1,1,2-Trichloroethane	10.786	97	103796	24.28	ug/L	96
47) Tetrachloroethene	10.860	164	130260	24.87	ug/L	91
49) 2-Hexanone	10.969	43	87167	40.27	ug/L	95
50) Dibromochloromethane	11.128	129	127993	24.98	ug/L	98
51) 1,2-Dibromoethane	11.231	107	99369	23.30	ug/L	97
52) Chlorobenzene	11.658	112	405955	25.65	ug/L	97
53) Ethylbenzene	11.731	91	698277	25.58	ug/L	100
54) m,p-Xylene	11.835	106	266339	25.59	ug/L	98
55) o-xylene	12.164	106	258336	26.16	ug/L	99
56) Styrene	12.182	104	441606	26.29	ug/L	96
57) Isopropylbenzene	12.463	105	714216	25.97	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	114023	22.54	ug/L	98
59) 1,2,3-Trichloropropane	12.768	75	83201	21.71	ug/L	99
62) Bromoform	12.347	173	72188	24.05	ug/L #	98
63) 1,3-Dichlorobenzene	13.499	146	323387	26.05	ug/L	97
64) 1,4-Dichlorobenzene	13.579	146	319918	25.62	ug/L	98
65) 1,2-Dichlorobenzene	13.865	146	291743	26.06	ug/L	99
66) 1,2-Dibromo-3-chloropr...	14.481	75	17276	20.37	ug/L	93
67) 1,3,5-Trichlorobenzene	14.627	180	240302	25.20	ug/L	97
68) 1,2,4-trichlorobenzene	15.133	180	205302	25.82	ug/L	96
69) Naphthalene	15.365	128	362032	23.40	ug/L	99
70) 1,2,3-Trichlorobenzene	15.554	180	172449	24.33	ug/L	97

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

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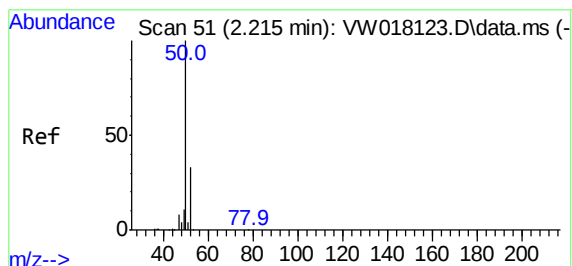
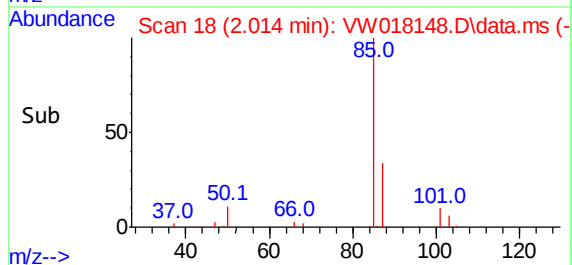
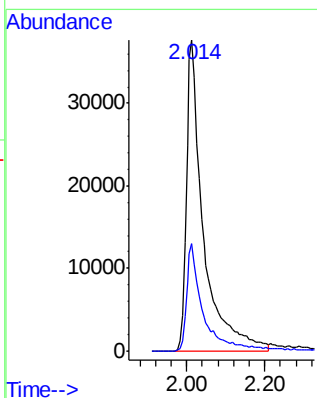
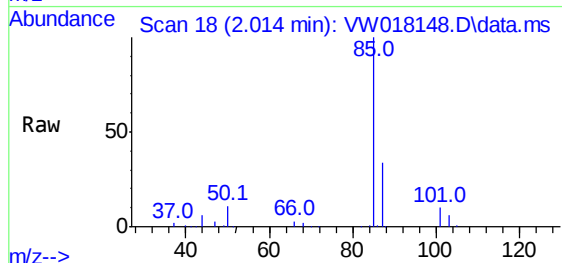




#2
Dichlorodifluoromethane
Concen: 20.34 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

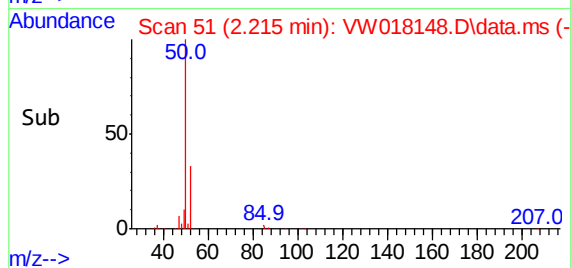
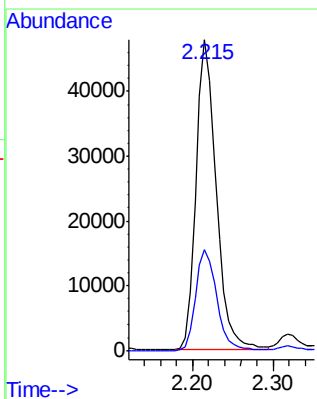
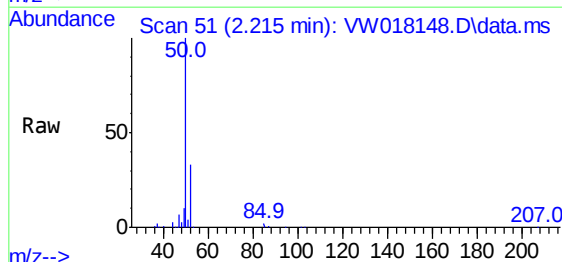
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ClientSampleId :
VSTD02524

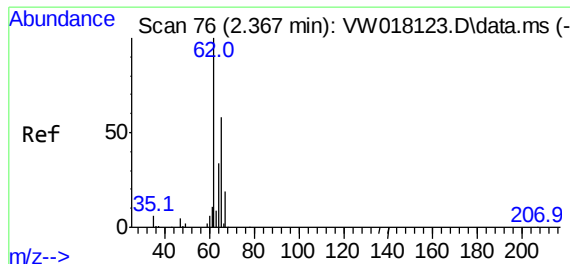
Tgt Ion: 85 Resp: 112912
Ion Ratio Lower Upper
85 100
87 31.2 23.2 43.0



#3
Chloromethane
Concen: 20.46 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 50 Resp: 83695
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.6

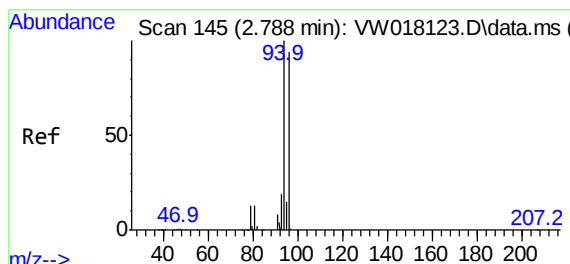
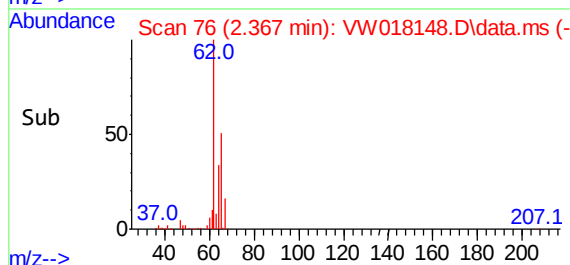
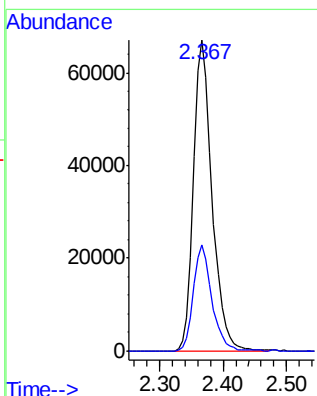
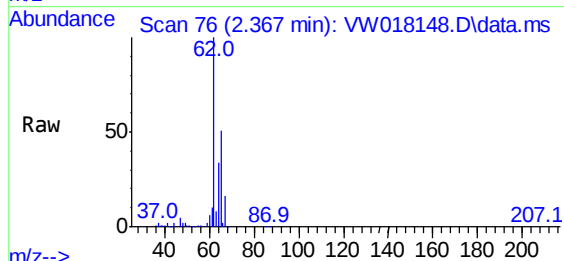




#5
 Vinyl chloride
 Concen: 23.85 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018148.D
 Acq: 15 Feb 2021 20:15

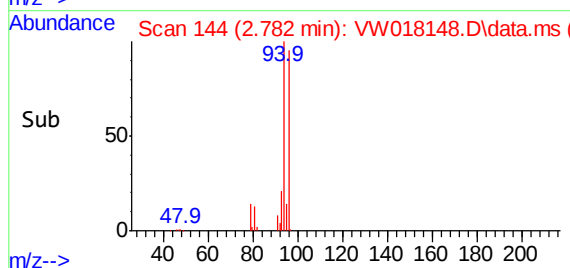
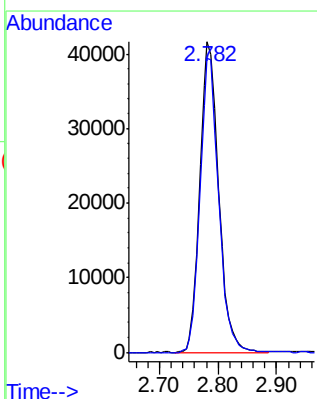
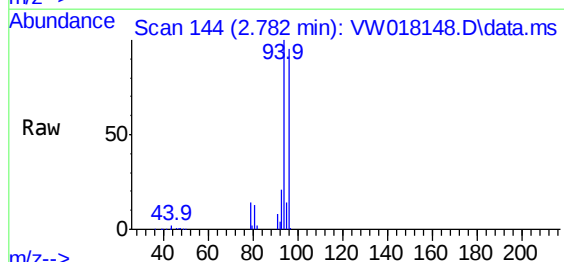
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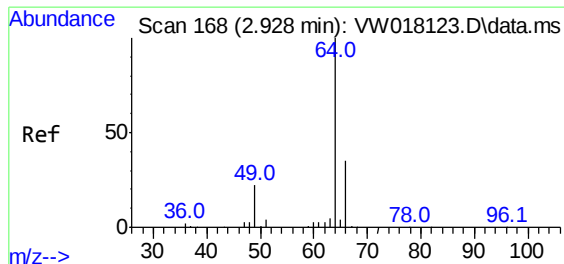
Tgt Ion: 62 Resp: 134498
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.9 44.5



#6
 Bromomethane
 Concen: 23.13 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018148.D
 Acq: 15 Feb 2021 20:15

Tgt Ion: 94 Resp: 92778
 Ion Ratio Lower Upper
 94 100
 96 94.1 9.4 178.0

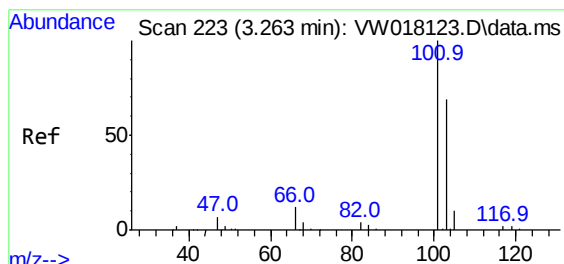
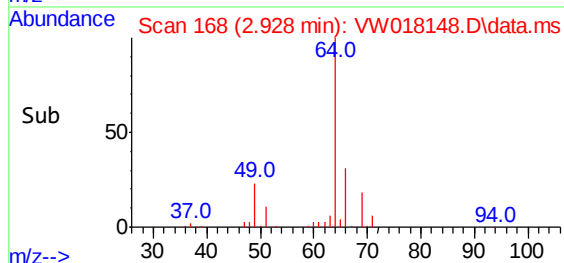
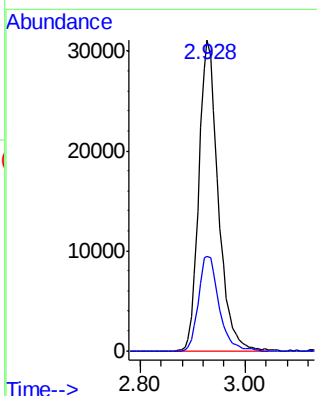
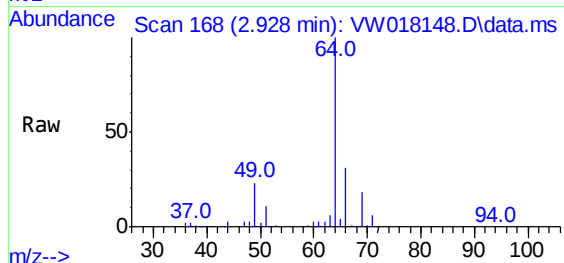




#8
Chloroethane
Concen: 23.50 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

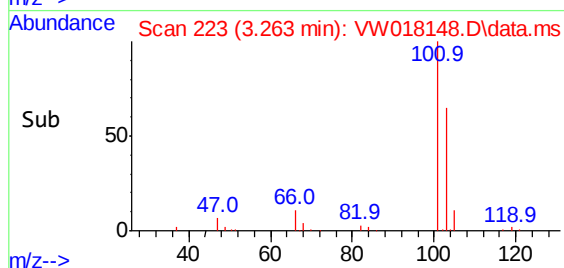
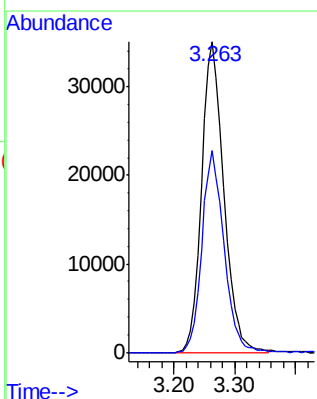
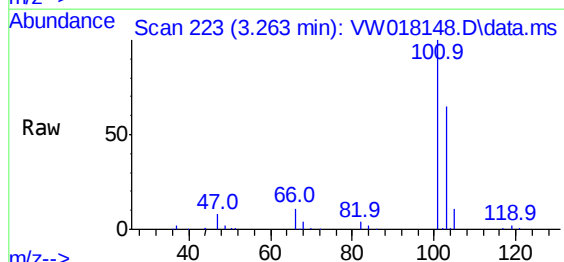
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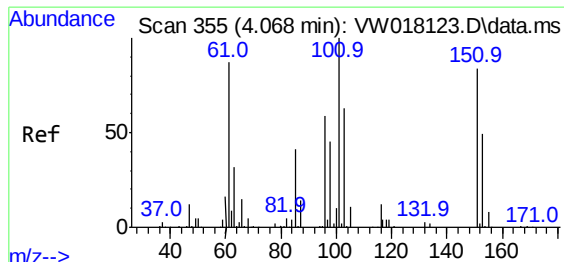
Tgt Ion: 64 Resp: 79206
Ion Ratio Lower Upper
64 100
66 30.5 22.0 41.0



#9
Trichlorofluoromethane
Concen: 21.75 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:101 Resp: 88721
Ion Ratio Lower Upper
101 100
103 64.4 45.0 83.6

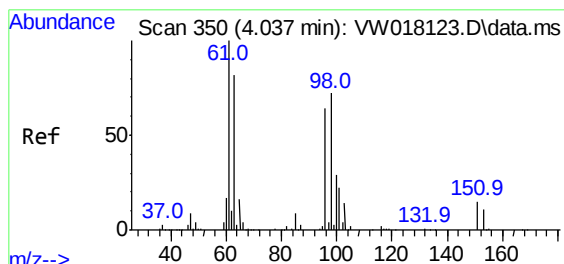
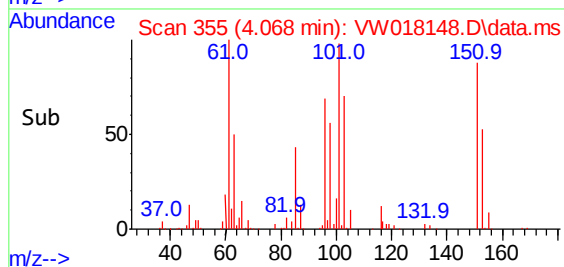
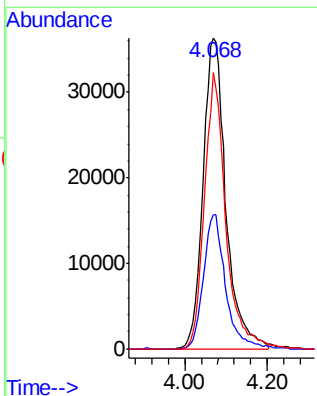
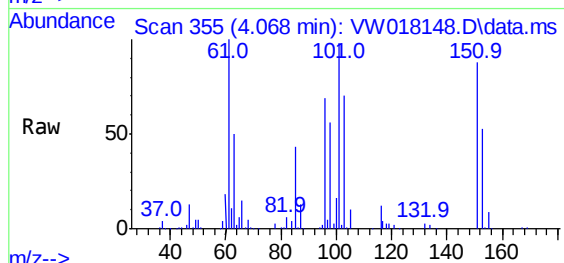




#11
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.17 ug/L
 RT: 4.068 min Scan# 355
 Delta R.T. 0.000 min
 Lab File: VW018148.D
 Acq: 15 Feb 2021 20:15

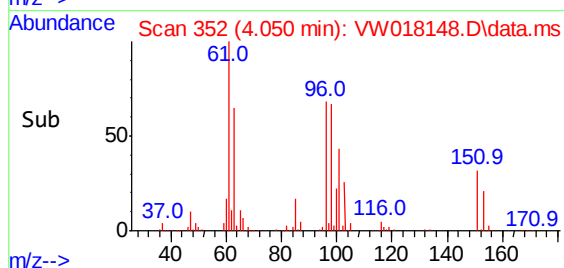
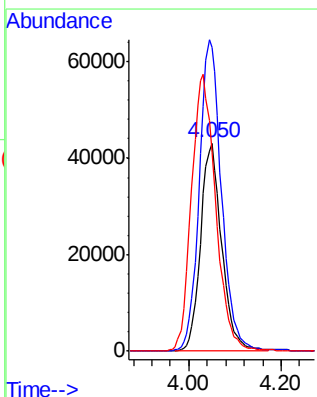
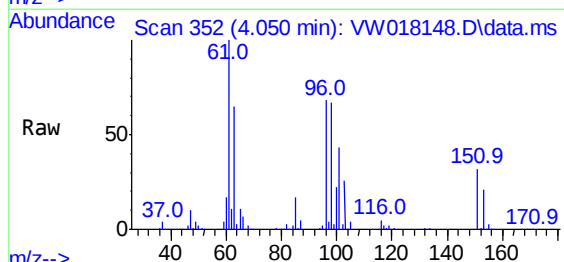
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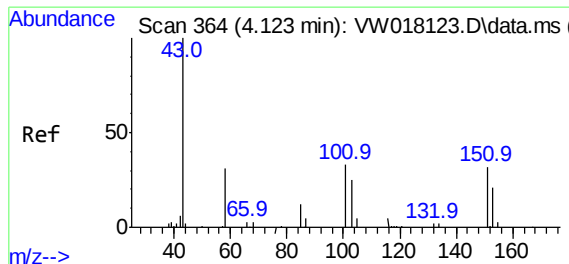
Tgt Ion:101 Resp: 140860
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.2 51.4
 151 80.3 30.4 45.6#



#12
 1,1-Dichloroethene
 Concen: 24.69 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.012 min
 Lab File: VW018148.D
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Tgt Ion: 96 Resp: 135370
 Ion Ratio Lower Upper
 96 100
 61 146.4 112.5 208.9
 63 95.6 83.1 154.3

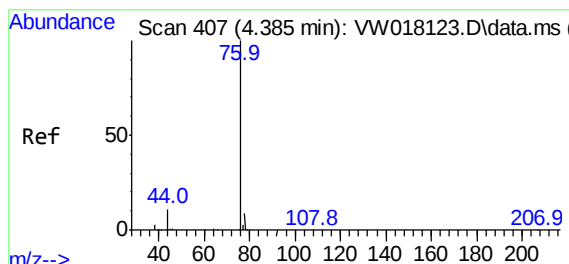
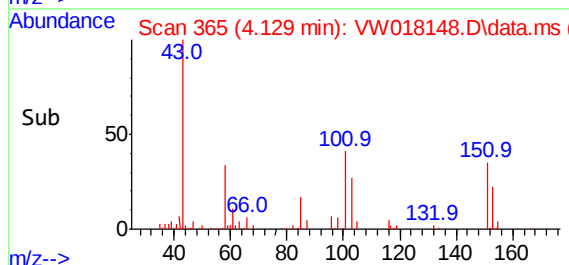
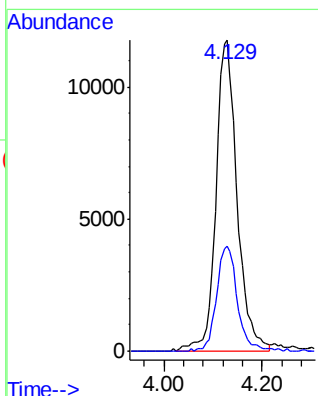
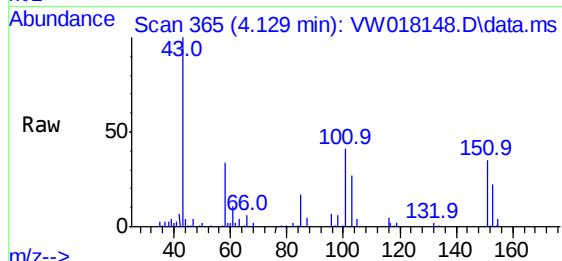




#13
Acetone
Concen: 34.78 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

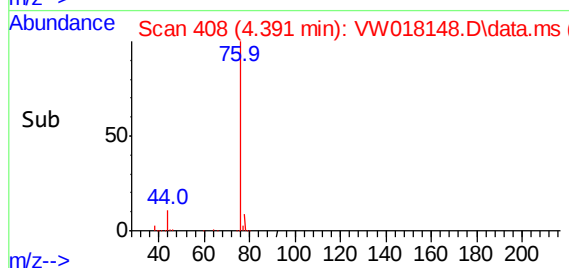
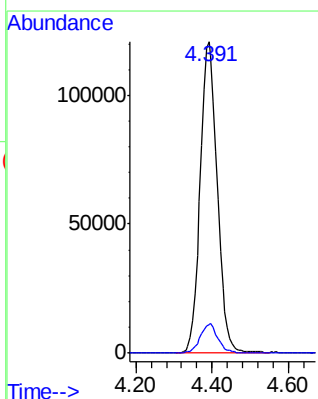
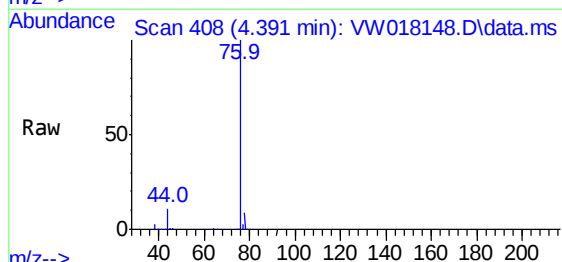
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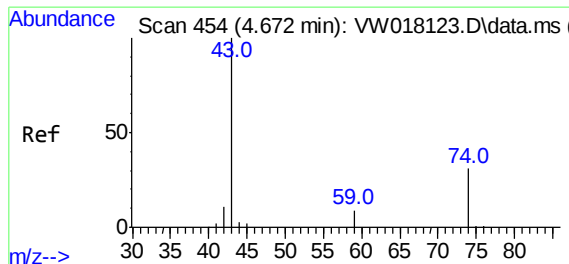
Tgt Ion: 43 Resp: 35020
Ion Ratio Lower Upper
43 100
58 31.7 0.0 68.4



#14
Carbon disulfide
Concen: 23.42 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 76 Resp: 374053
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

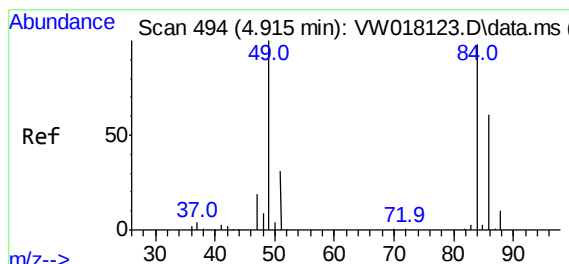
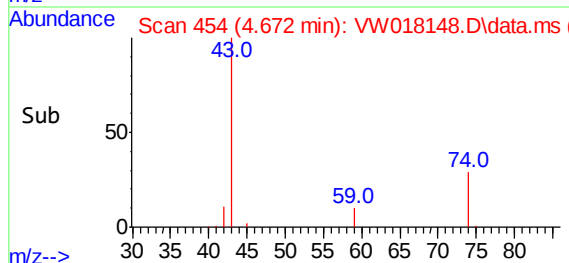
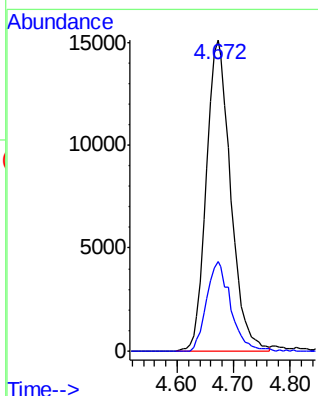
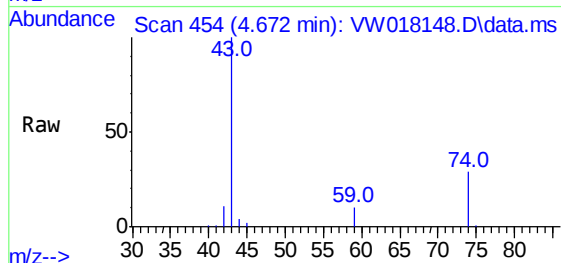




#15
Methyl Acetate
Concen: 20.09 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

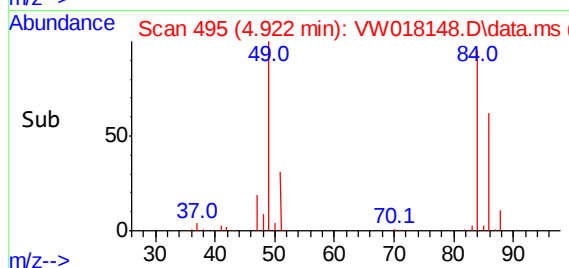
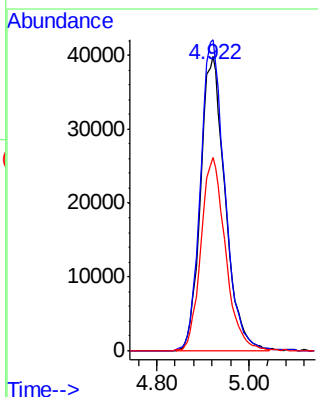
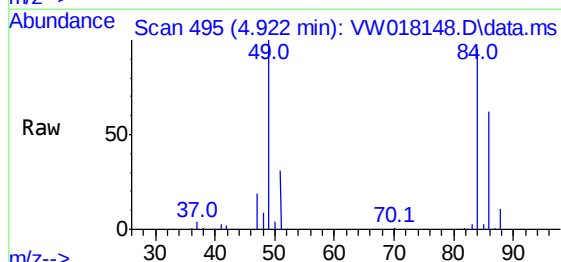
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

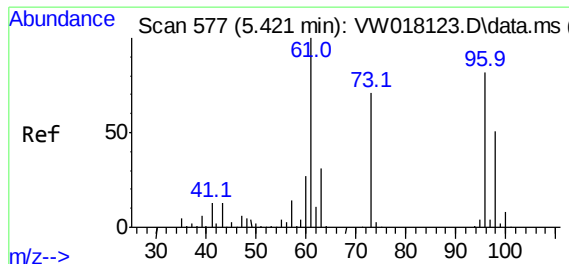
Tgt Ion:	43	Resp:	44866
Ion	Ratio	Lower	Upper
43	100		
74	28.1	20.7	31.1



#16
Methylene chloride
Concen: 22.33 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:	84	Resp:	146824
Ion	Ratio	Lower	Upper
84	100		
49	105.4	81.2	150.8
86	65.5	44.5	82.7



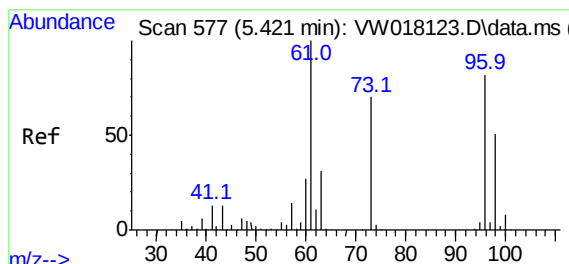
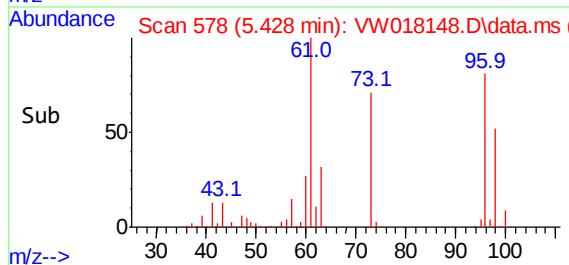
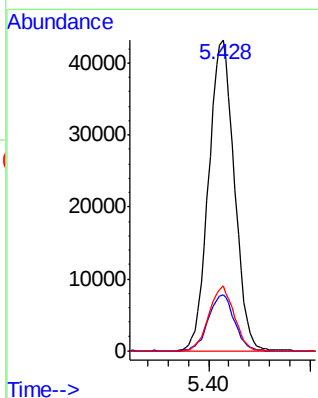
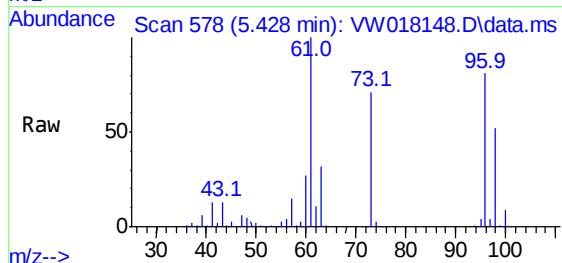


#17
Methyl tert-butyl Ether
Concen: 24.54 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 73 Resp: 151087

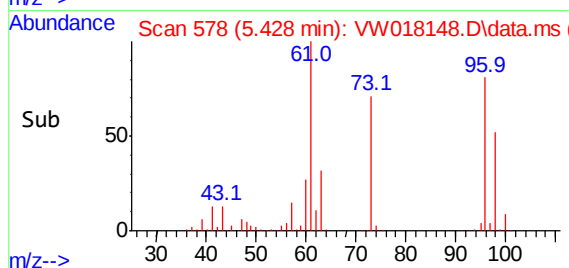
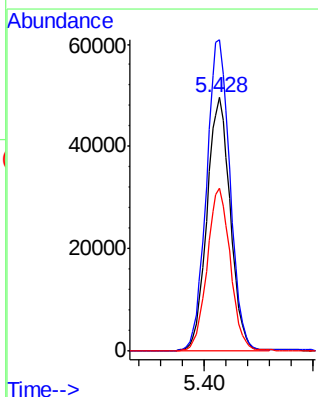
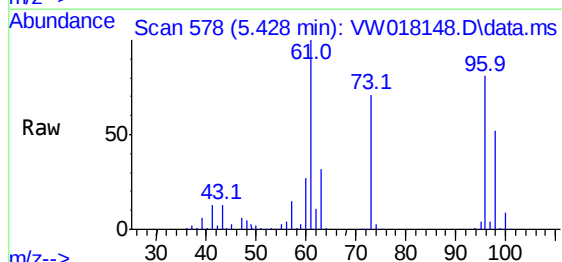
Ion	Ratio	Lower	Upper
73	100		
43	18.2	16.2	24.4
57	20.4	17.2	25.8

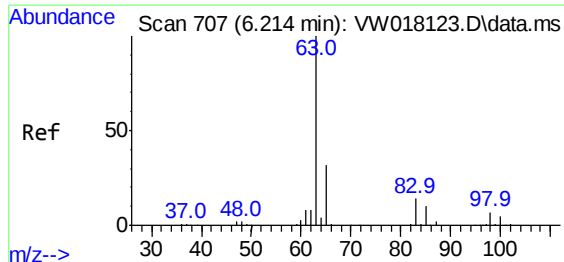


#18
trans-1,2-Dichloroethene
Concen: 25.08 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 96 Resp: 146973

Ion	Ratio	Lower	Upper
96	100		
61	122.8	92.7	172.1
98	64.1	43.3	80.3

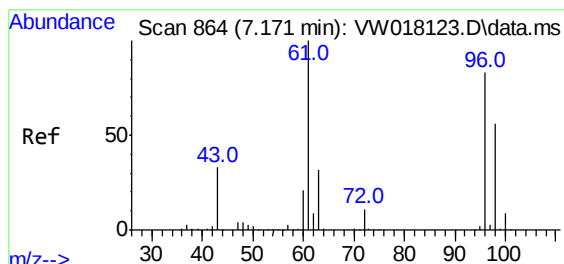
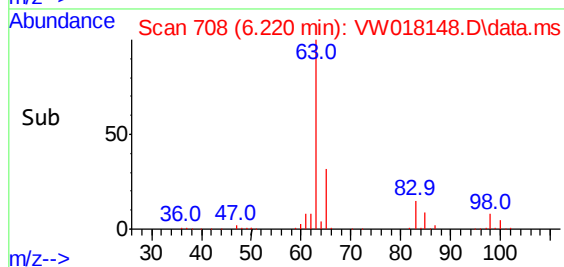
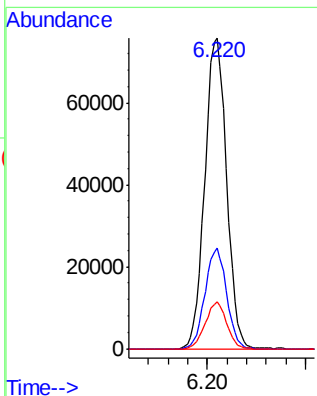
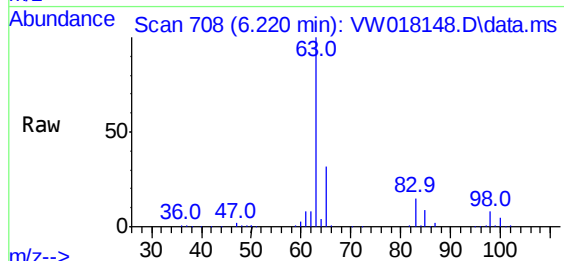




#19
1,1-Dichloroethane
Concen: 24.71 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

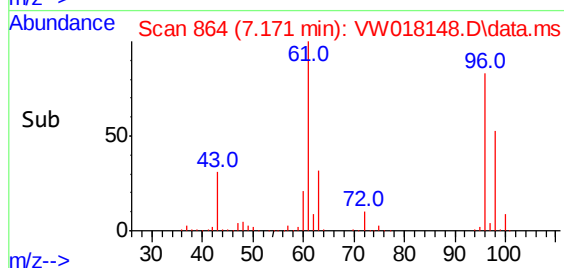
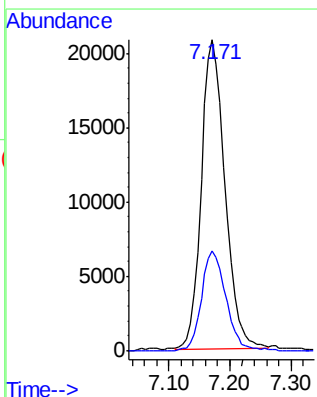
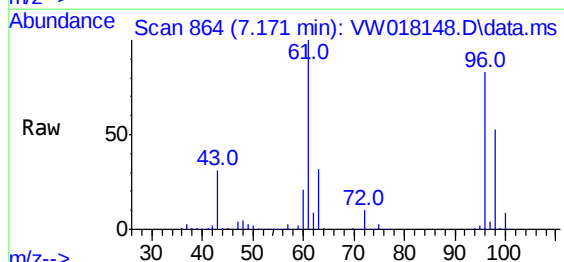
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

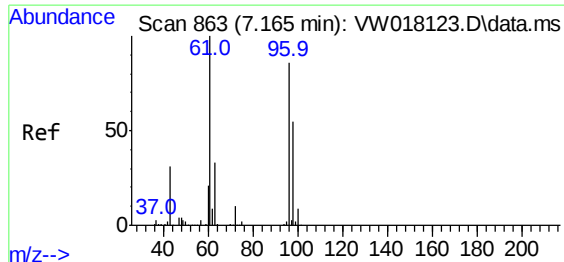
Tgt Ion: 63 Resp: 233727
Ion Ratio Lower Upper
63 100
65 32.4 21.9 40.7
83 15.0 9.4 17.6



#21
2-Butanone
Concen: 36.77 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 43 Resp: 56364
Ion Ratio Lower Upper
43 100
72 32.8 14.4 43.2



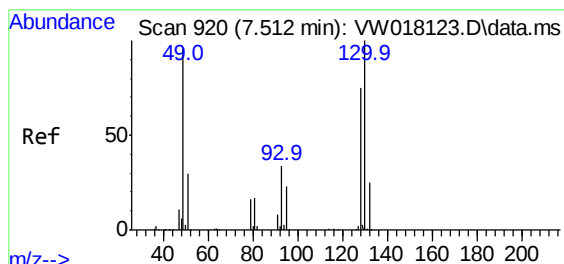
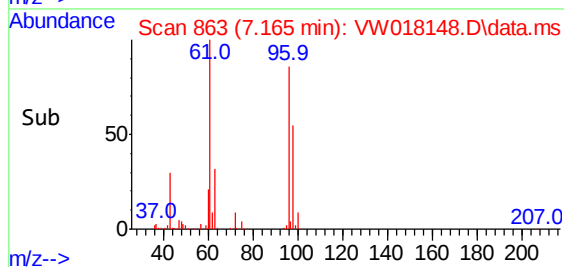
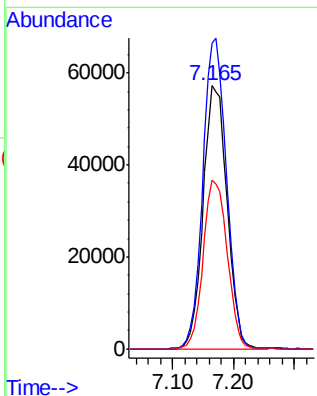
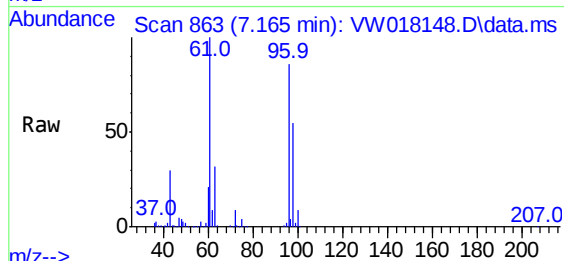


#22
cis-1,2-Dichloroethene
Concen: 25.54 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 96 Resp: 155244

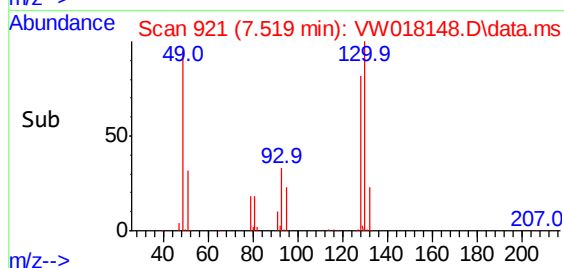
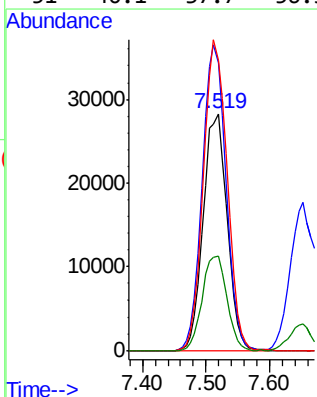
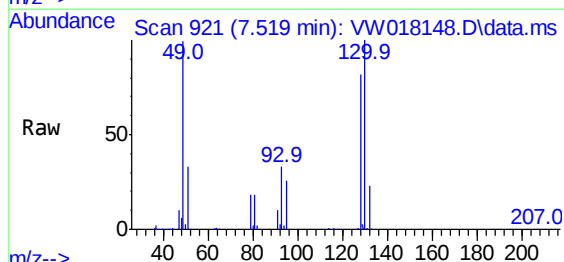
Ion	Ratio	Lower	Upper
96	100		
61	116.2	84.6	157.2
98	63.9	44.7	82.9

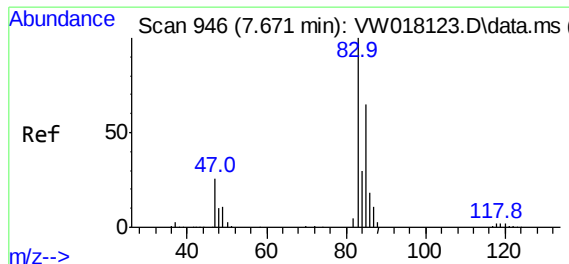


#23
Bromochloromethane
Concen: 24.41 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 128 Resp: 71299

Ion	Ratio	Lower	Upper
128	100		
49	121.6	101.6	188.6
130	122.7	90.4	167.8
51	40.1	37.7	56.5

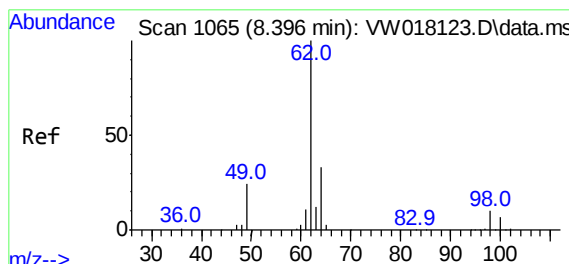
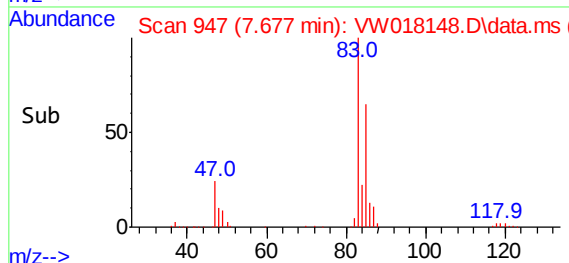
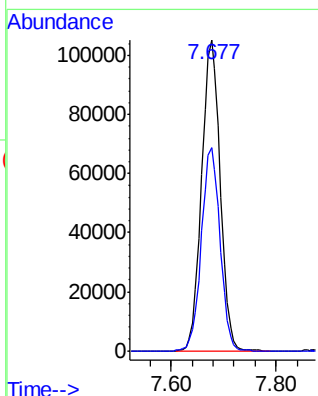
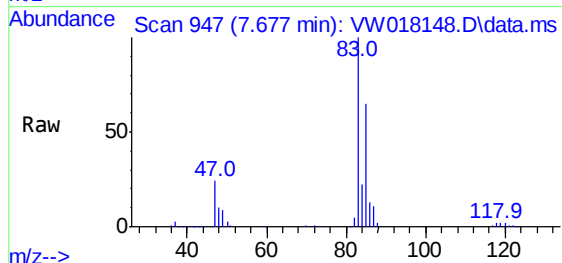




#25
Chloroform
Concen: 24.94 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

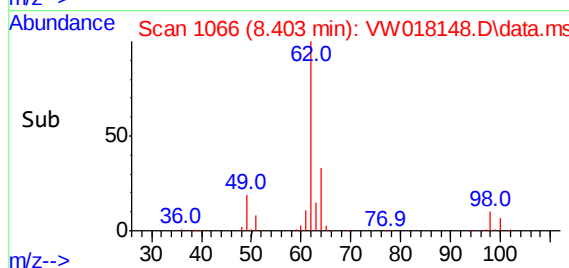
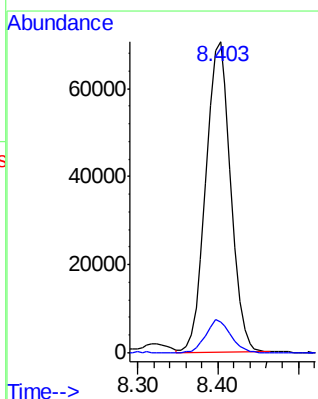
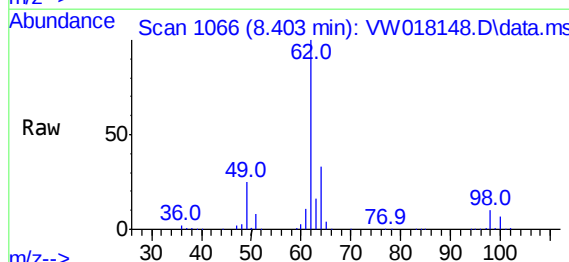
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

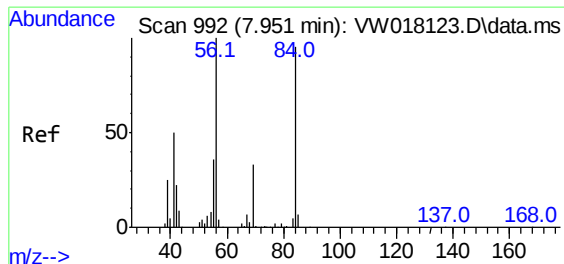
Tgt Ion: 83 Resp: 257427
Ion Ratio Lower Upper
83 100
85 65.6 45.7 84.9



#27
1,2-Dichloroethane
Concen: 22.72 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 62 Resp: 152173
Ion Ratio Lower Upper
62 100
98 9.8 8.0 12.0

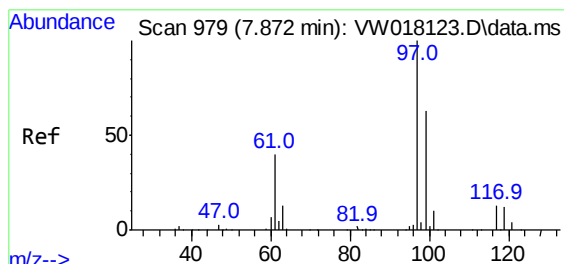
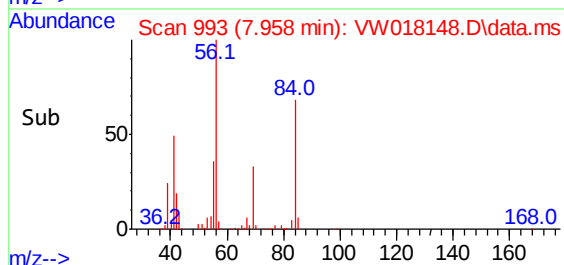
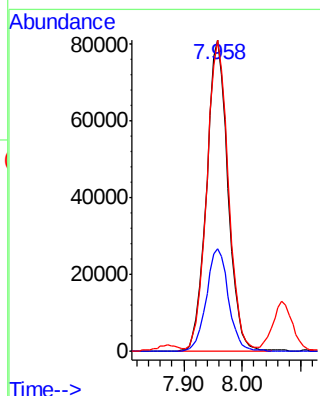
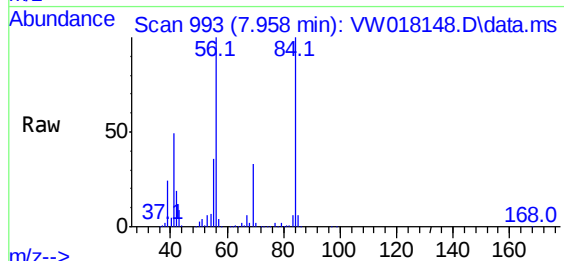




#30
Cyclohexane
Concen: 23.92 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

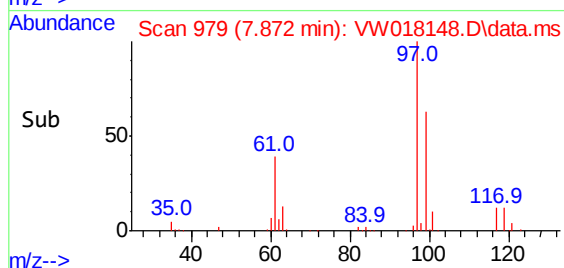
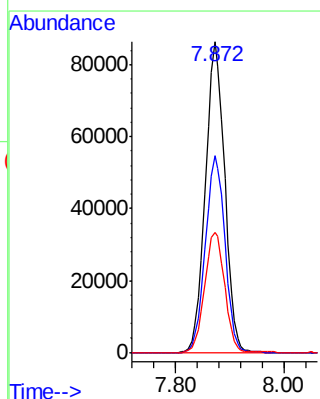
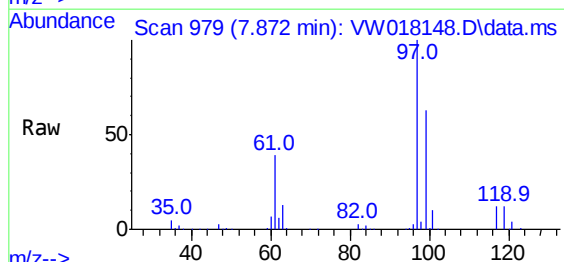
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

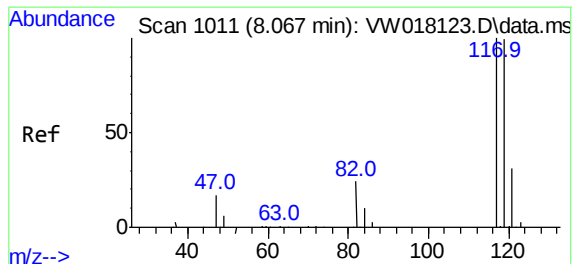
Tgt Ion: 56 Resp: 204329
Ion Ratio Lower Upper
56 100
69 33.7 24.8 37.2
84 100.7 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 25.61 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 97 Resp: 212095
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.4
61 40.0 33.6 50.4

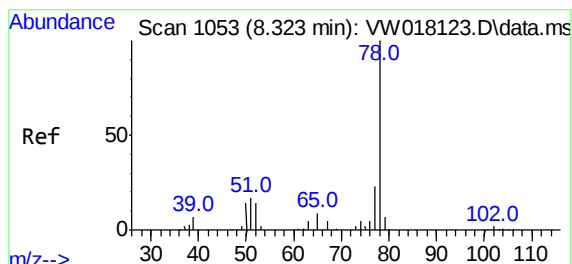
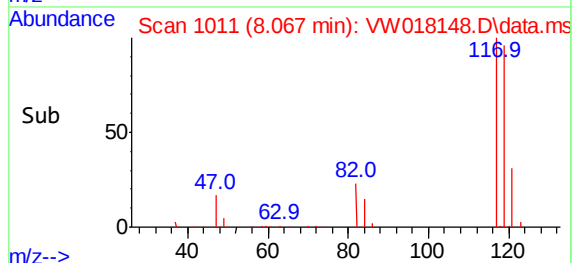
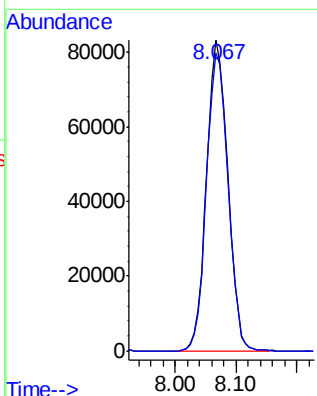
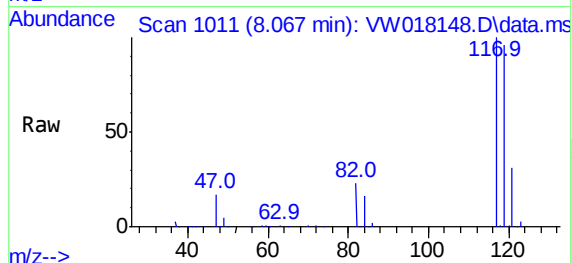




#32
Carbon tetrachloride
Concen: 24.99 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

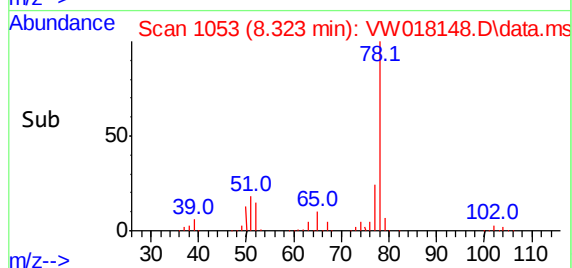
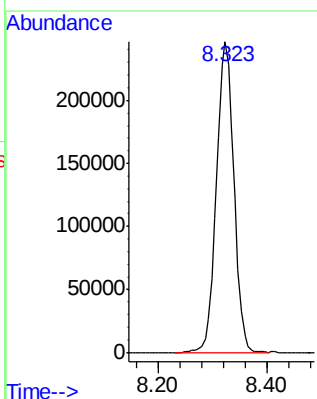
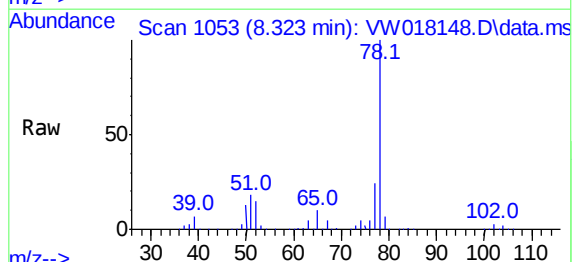
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

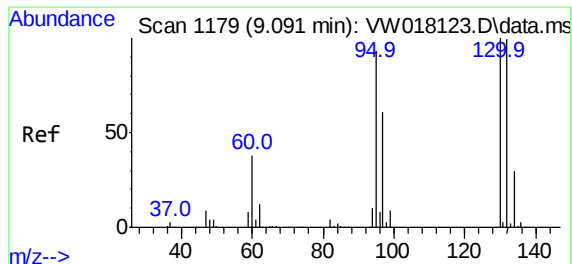
Tgt Ion:117 Resp: 200476
Ion Ratio Lower Upper
117 100
119 96.9 75.8 113.8



#34
Benzene
Concen: 25.26 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

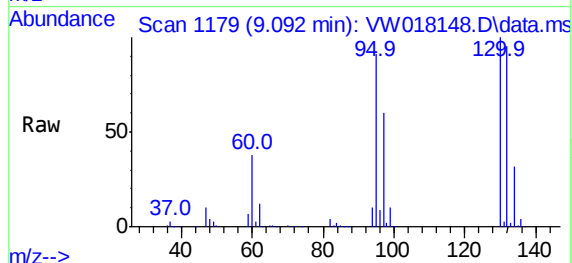
Tgt Ion: 78 Resp: 551341





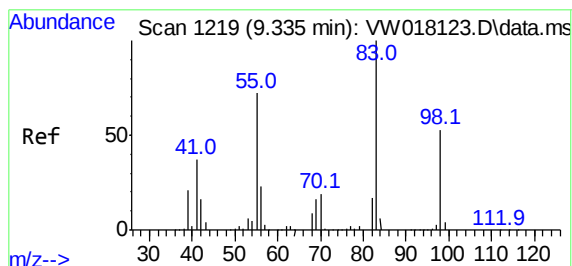
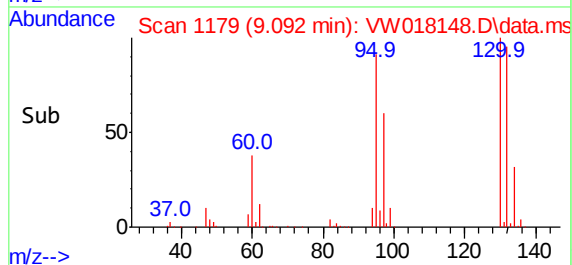
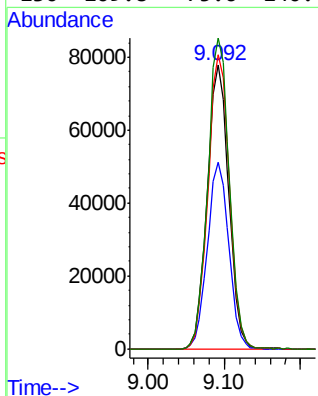
#35
Trichloroethene
Concen: 24.71 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524



Tgt Ion: 95 Resp: 151989

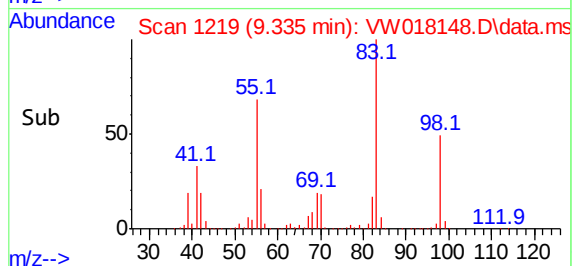
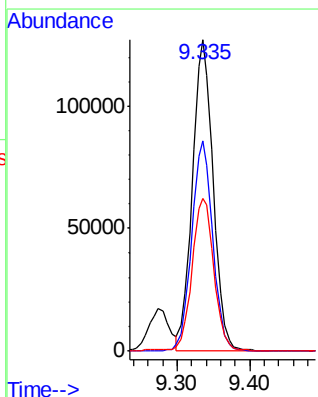
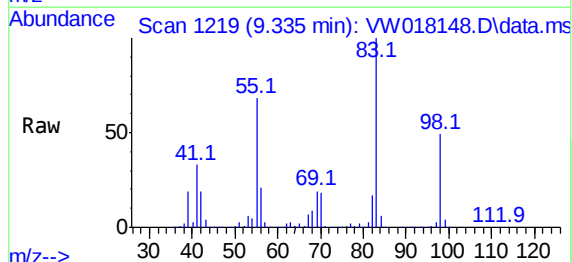
Ion	Ratio	Lower	Upper
95	100		
97	65.6	45.0	83.6
132	103.8	71.0	131.8
130	109.8	75.6	140.4

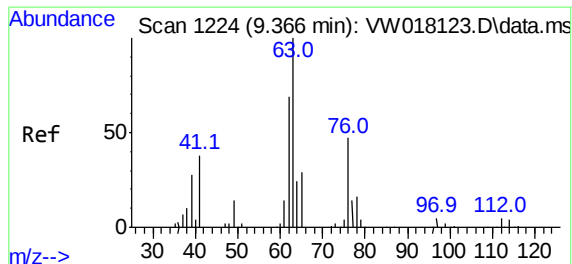


#36
Methylcyclohexane
Concen: 24.52 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 83 Resp: 253608

Ion	Ratio	Lower	Upper
83	100		
55	68.0	59.4	89.0
98	51.3	40.7	61.1

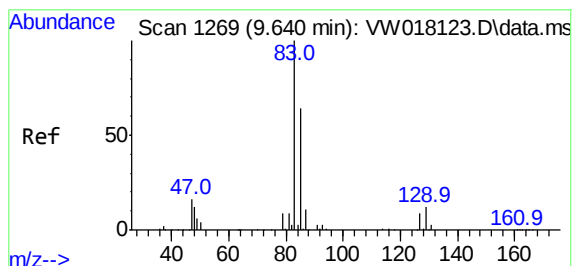
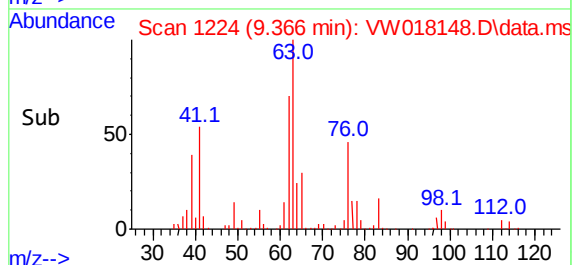
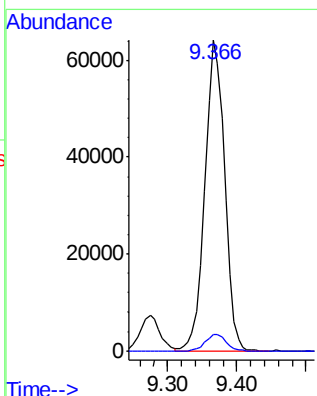
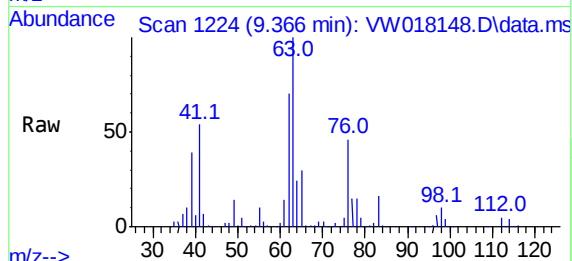




#40
1,2-Dichloropropane
Concen: 25.24 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

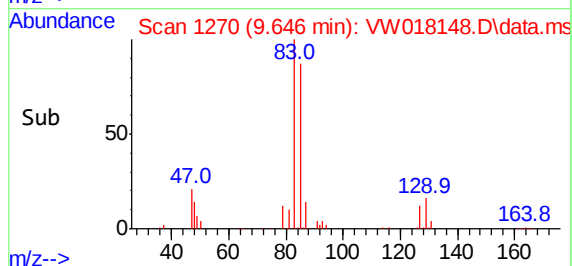
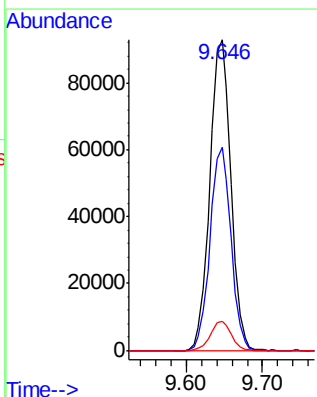
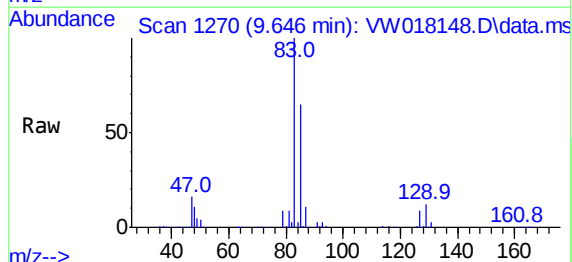
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

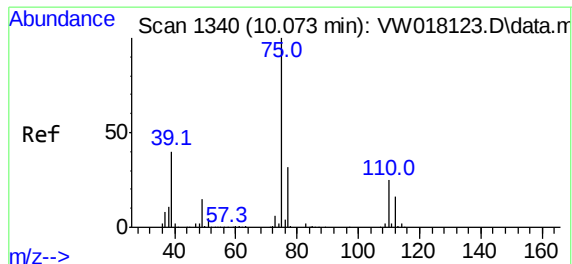
Tgt Ion: 63 Resp: 126419
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 24.76 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 83 Resp: 177619
Ion Ratio Lower Upper
83 100
85 65.2 46.8 86.8
127 9.2 7.6 11.4

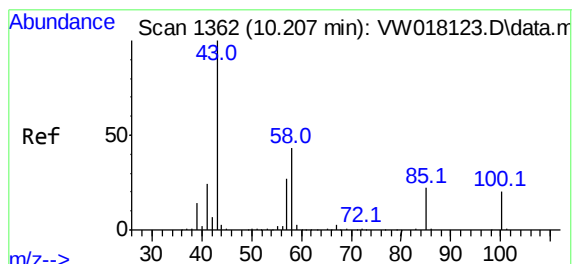
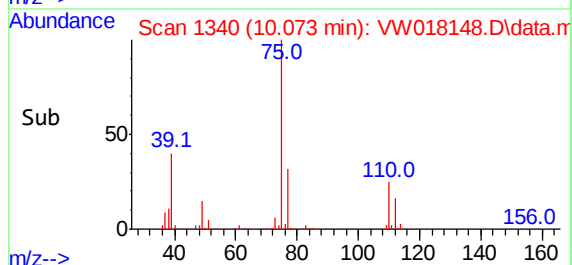
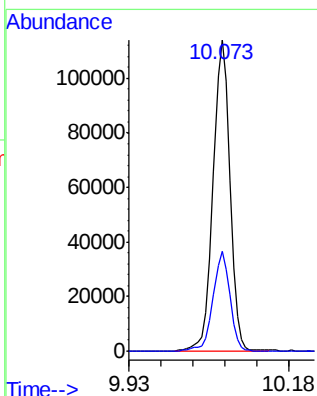
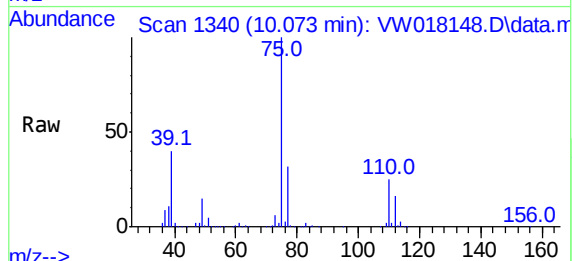




#42
 cis-1,3-Dichloropropene
 Concen: 25.09 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW018148.D
 Acq: 15 Feb 2021 20:15

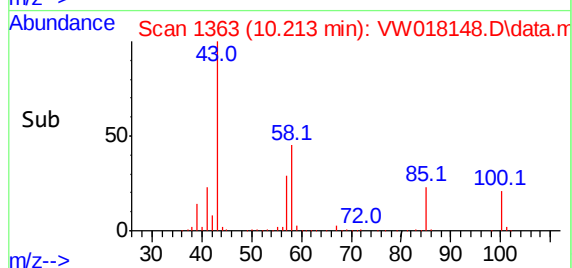
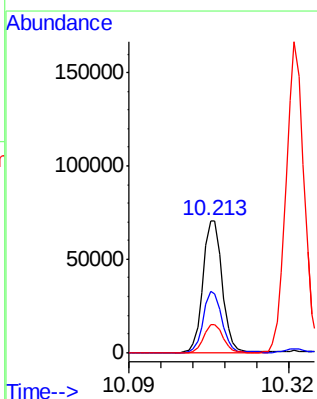
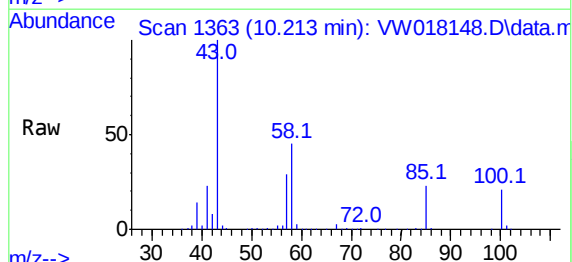
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02524

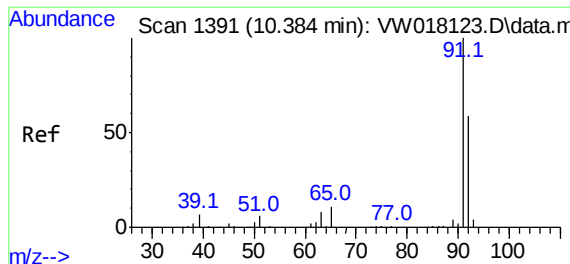
Tgt Ion: 75 Resp: 202514
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.7 42.3



#43
 4-Methyl-2-pentanone
 Concen: 41.68 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.006 min
 Lab File: VW018148.D
 Acq: 15 Feb 2021 20:15

Tgt Ion: 43 Resp: 129814
 Ion Ratio Lower Upper
 43 100
 58 45.0 31.6 47.4
 100 20.9 14.1 21.1

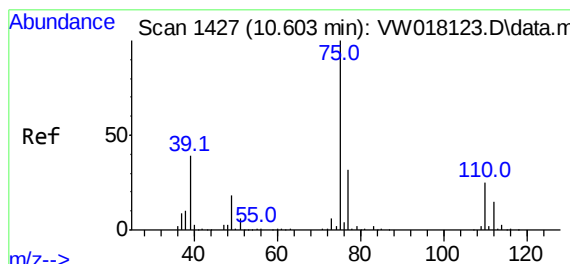
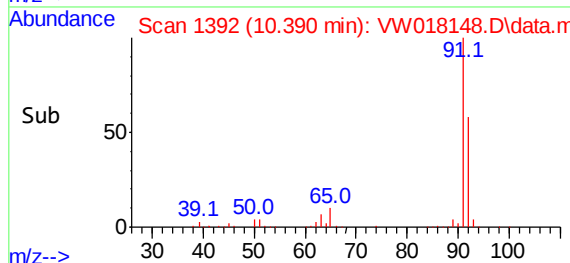
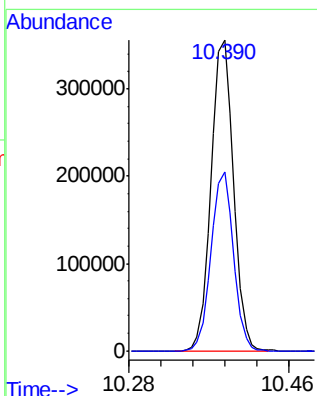
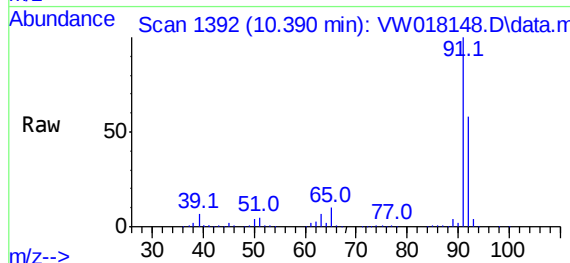




#44
Toluene
Concen: 25.81 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

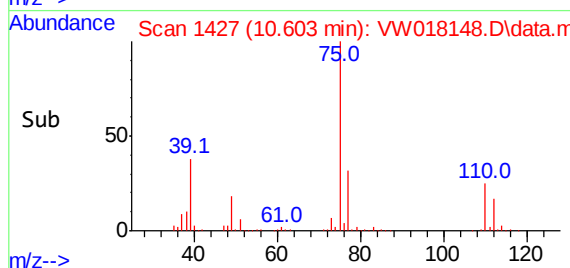
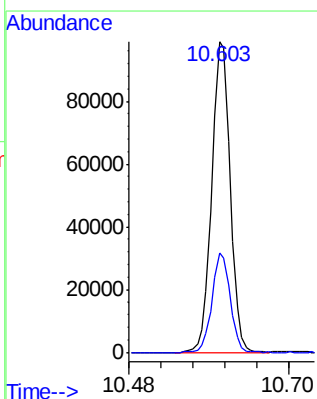
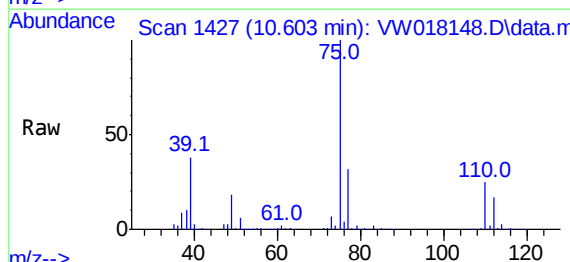
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

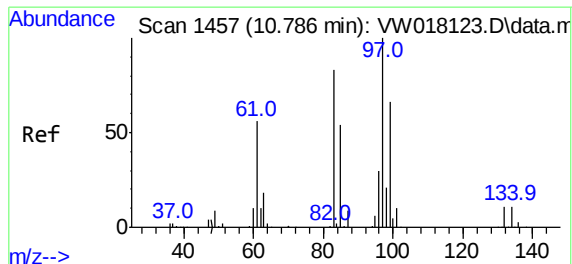
Tgt Ion: 91 Resp: 620101
Ion Ratio Lower Upper
91 100
92 57.6 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 24.56 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 75 Resp: 172563
Ion Ratio Lower Upper
75 100
77 32.2 22.6 42.0



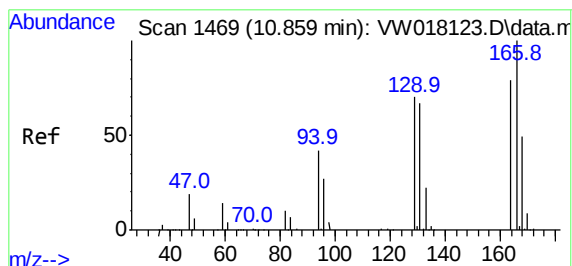
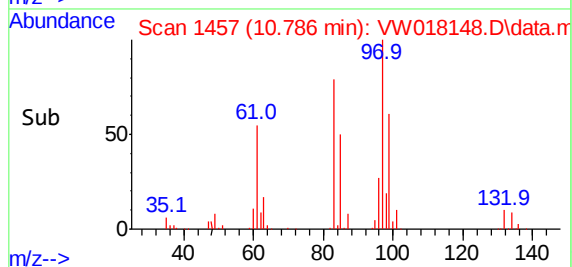
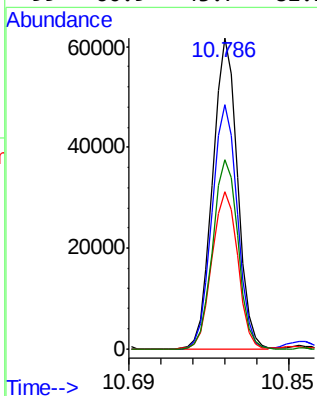
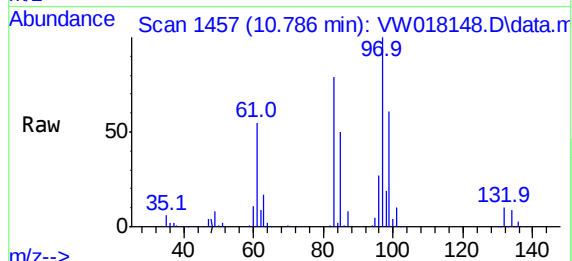


#46
1,1,2-Trichloroethane
Concen: 24.28 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion: 97 Resp: 103796

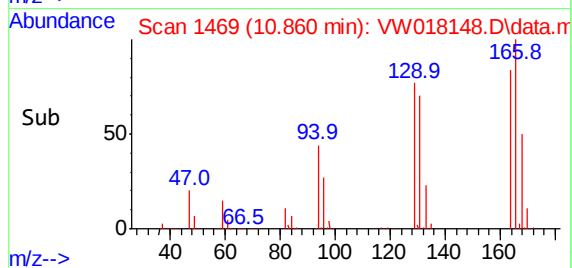
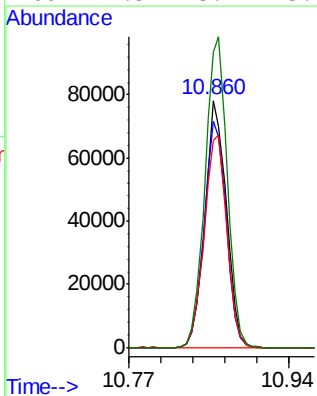
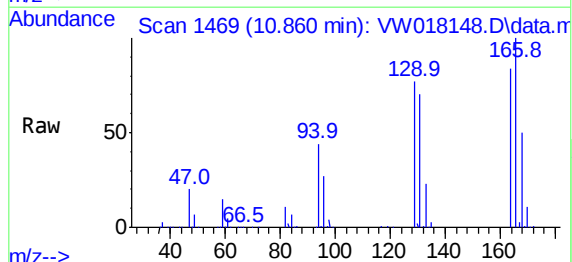
Ion	Ratio	Lower	Upper
97	100		
83	78.5	58.5	108.7
85	50.4	37.8	70.2
99	60.9	43.7	81.1

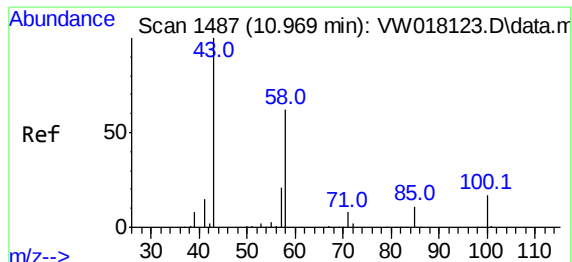


#47
Tetrachloroethene
Concen: 24.87 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 164 Resp: 130260

Ion	Ratio	Lower	Upper
164	100		
129	91.6	67.6	125.6
131	83.8	65.2	121.2
166	119.5	93.2	173.2

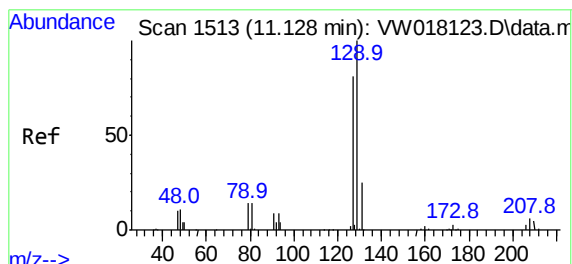
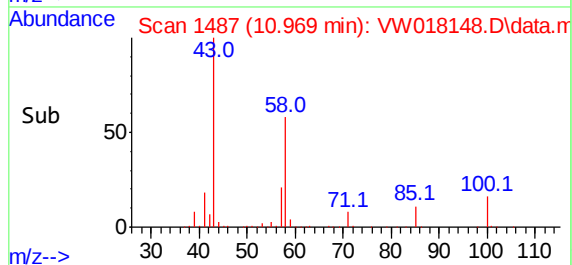
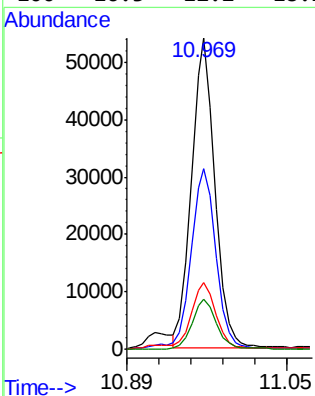
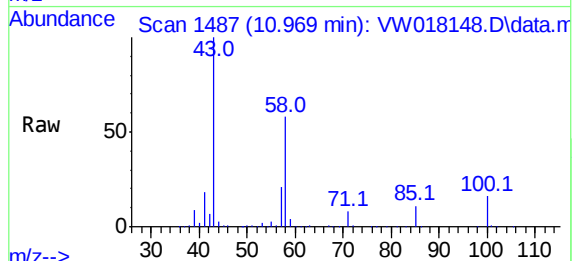




#49
2-Hexanone
Concen: 40.27 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

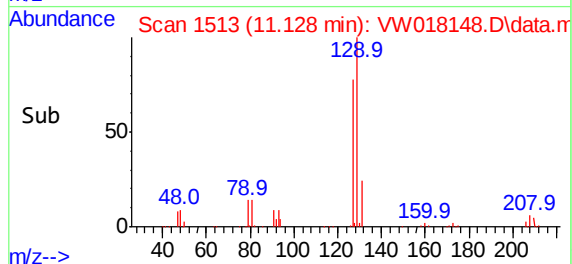
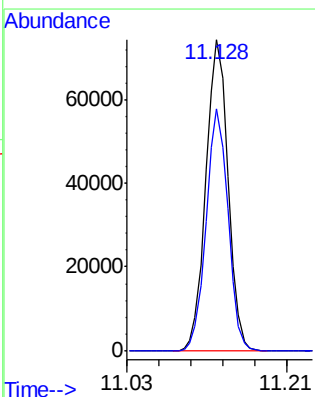
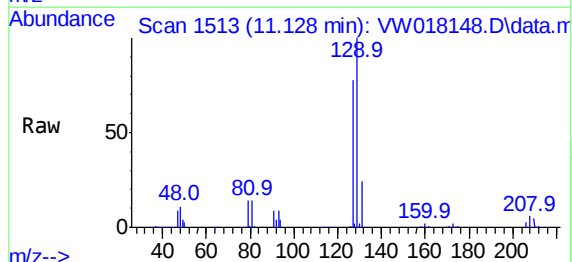
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

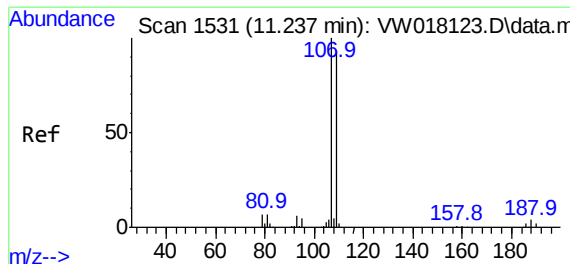
Tgt Ion: 43 Resp: 87167
Ion Ratio Lower Upper
43 100
58 60.2 51.3 76.9
57 22.4 15.0 22.6
100 16.3 12.2 18.2



#50
Dibromochloromethane
Concen: 24.98 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 129 Resp: 127993
Ion Ratio Lower Upper
129 100
127 77.8 53.2 98.8

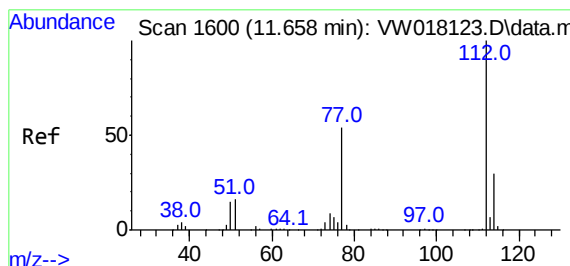
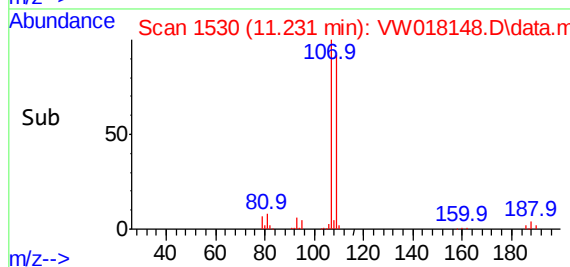
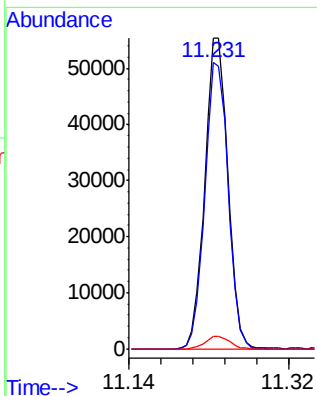
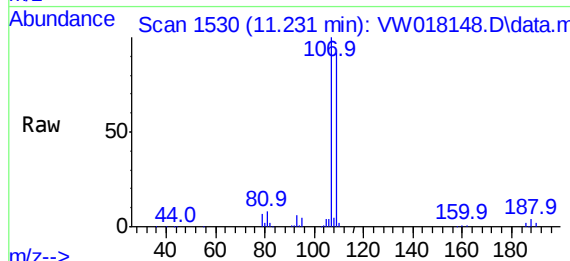




#51
1,2-Dibromoethane
Concen: 23.30 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

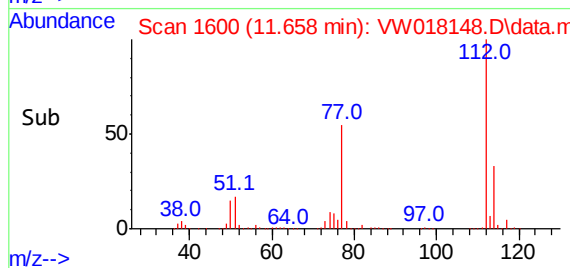
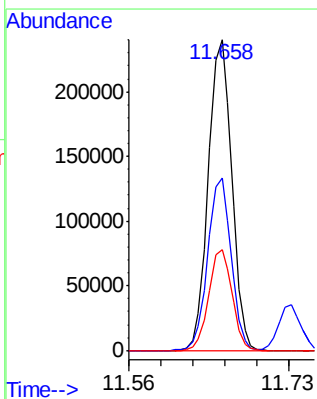
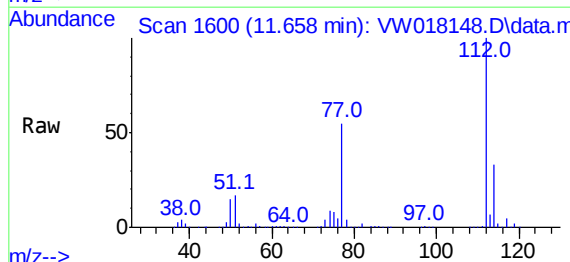
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

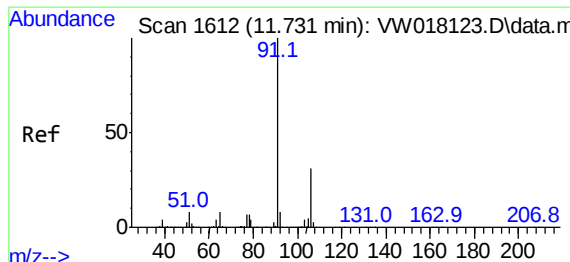
Tgt Ion:107 Resp: 99369
Ion Ratio Lower Upper
107 100
109 92.1 66.4 123.2
188 4.1 4.0 6.0



#52
Chlorobenzene
Concen: 25.65 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:112 Resp: 405955
Ion Ratio Lower Upper
112 100
77 55.3 42.6 64.0
114 32.6 21.6 40.2

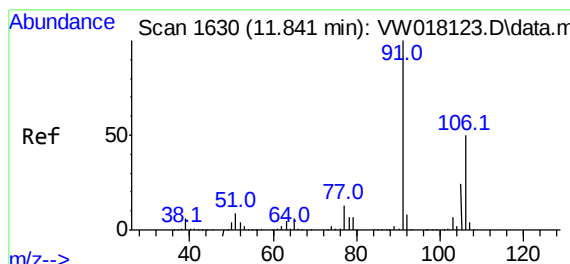
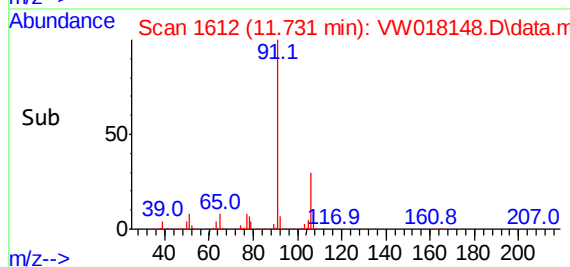
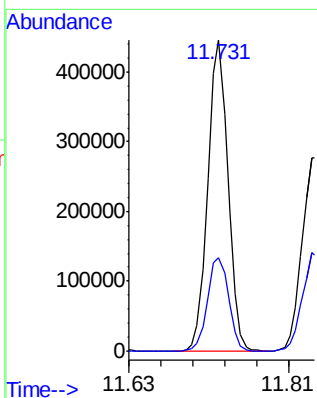
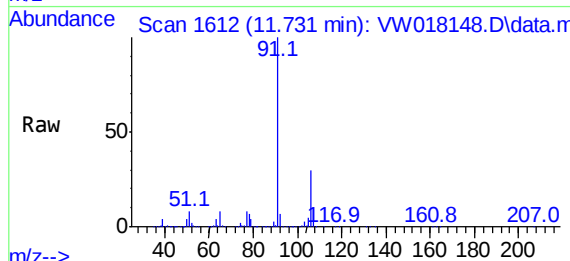




#53
Ethylbenzene
Concen: 25.58 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

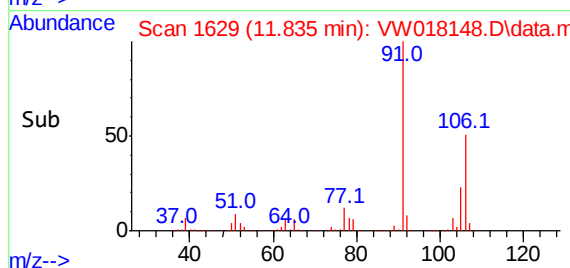
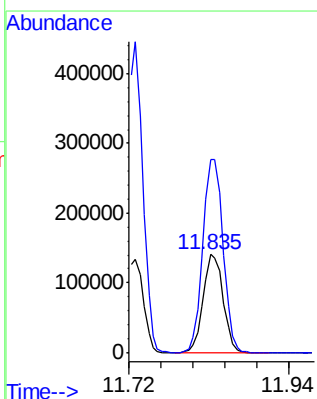
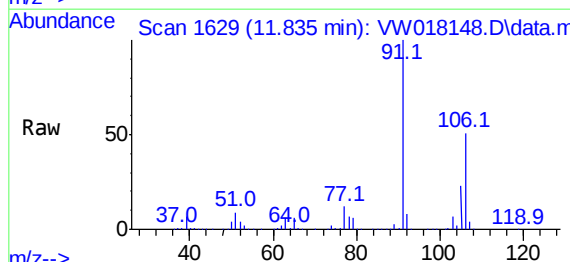
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

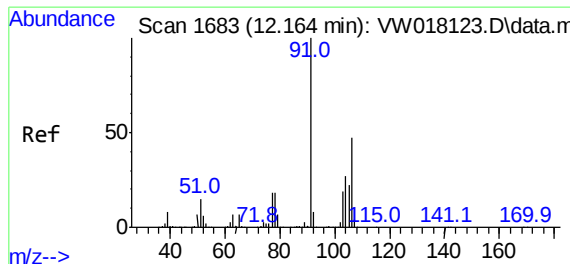
Tgt Ion: 91 Resp: 698277
Ion Ratio Lower Upper
91 100
106 30.1 21.1 39.1



#54
m,p-Xylene
Concen: 25.59 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 106 Resp: 266339
Ion Ratio Lower Upper
106 100
91 197.5 136.4 253.4

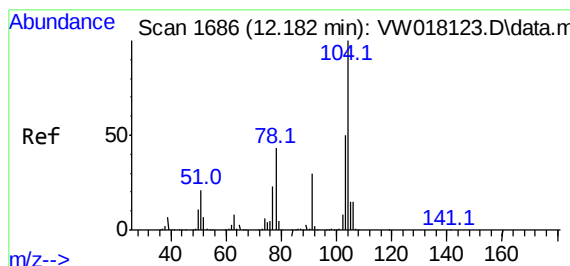
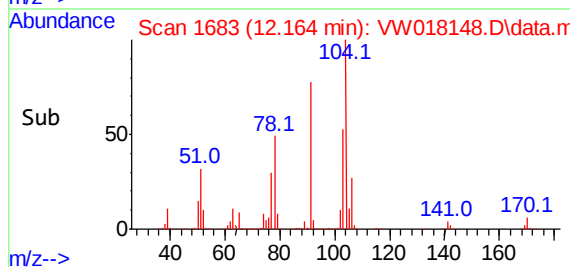
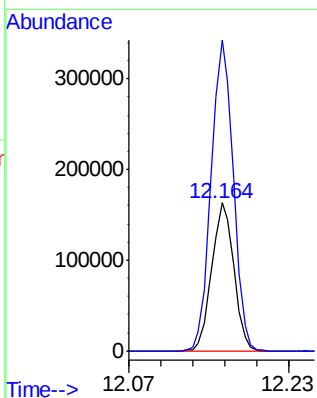
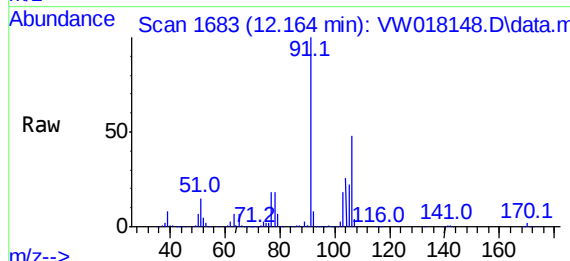




#55
o-xylene
Concen: 26.16 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

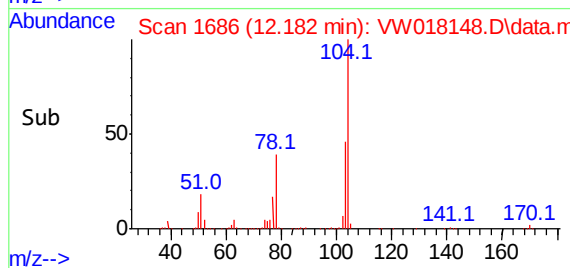
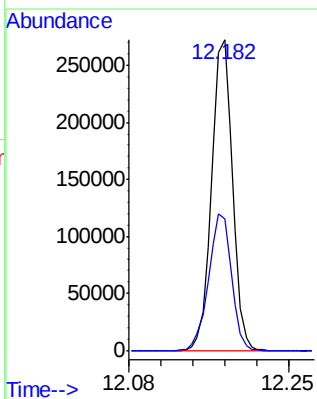
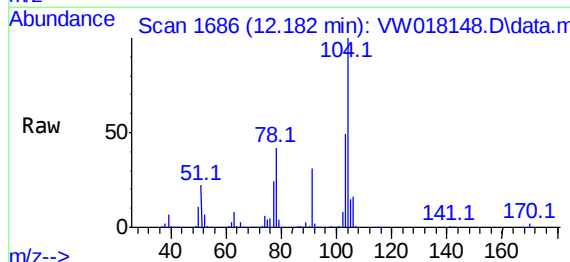
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

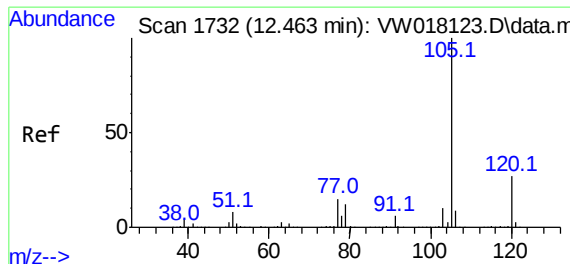
Tgt Ion:106 Resp: 258336
Ion Ratio Lower Upper
106 100
91 210.0 147.6 274.2



#56
Styrene
Concen: 26.29 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:104 Resp: 441606
Ion Ratio Lower Upper
104 100
78 42.1 31.3 58.1

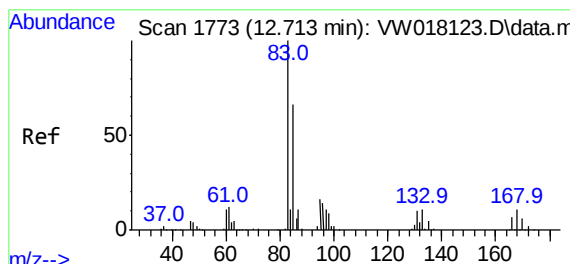
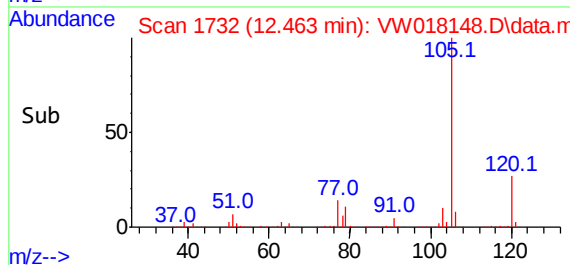
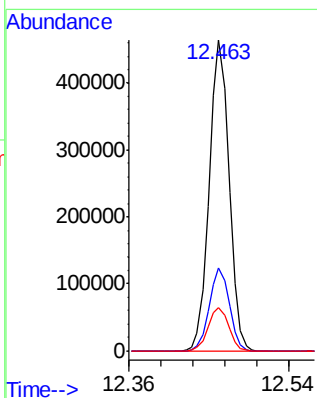
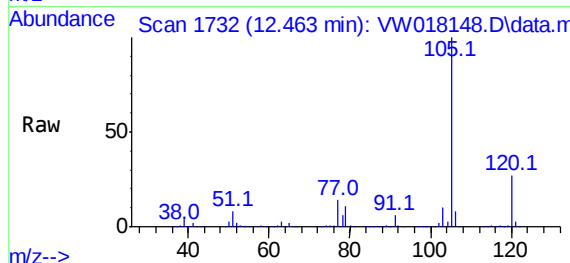




#57
Isopropylbenzene
Concen: 25.97 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

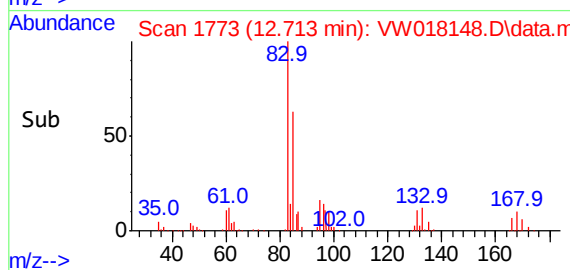
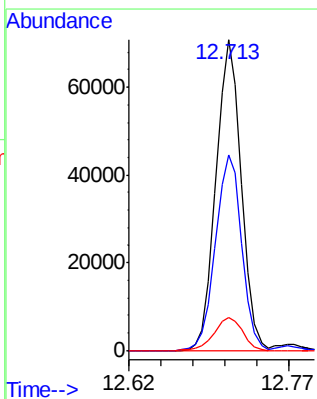
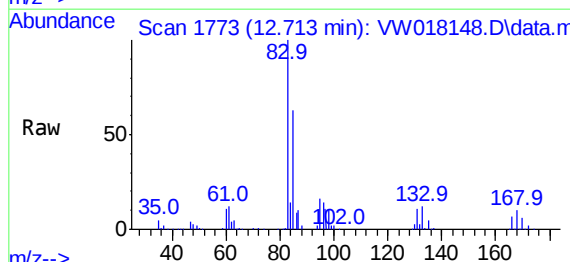
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

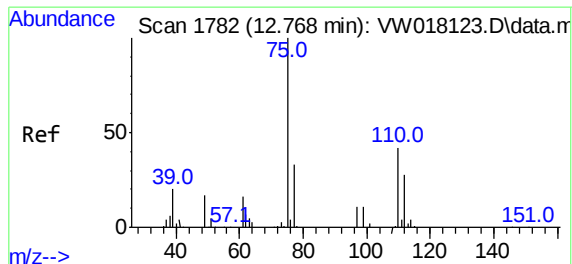
Tgt Ion:105 Resp: 714216
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.5 12.1 18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 22.54 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 83 Resp: 114023
Ion Ratio Lower Upper
83 100
85 62.8 45.3 84.1
131 10.6 8.3 12.5

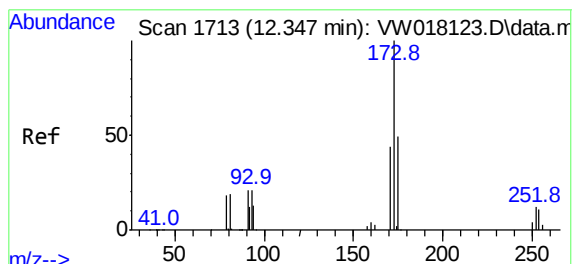
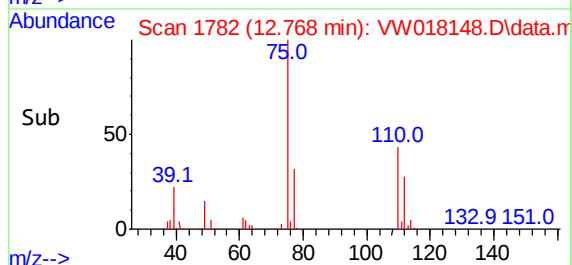
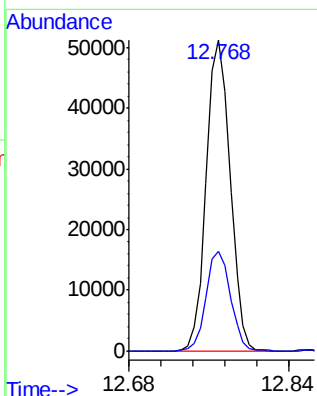
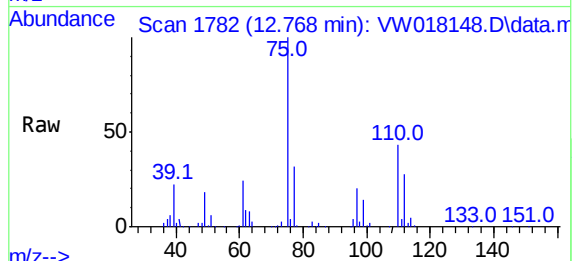




#59
1,2,3-Trichloropropane
Concen: 21.71 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

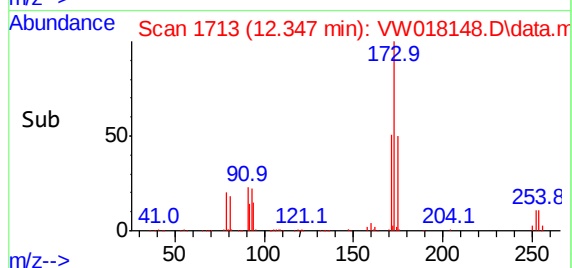
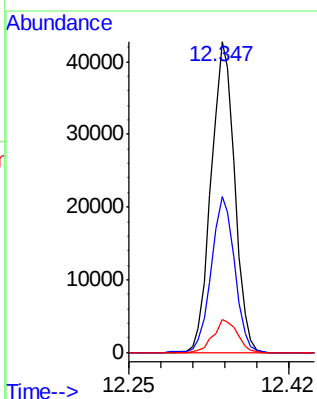
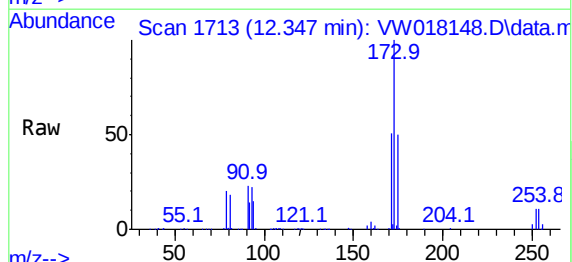
Instrument :
MSVOA_W
ClientSampleID :
VSTD02524

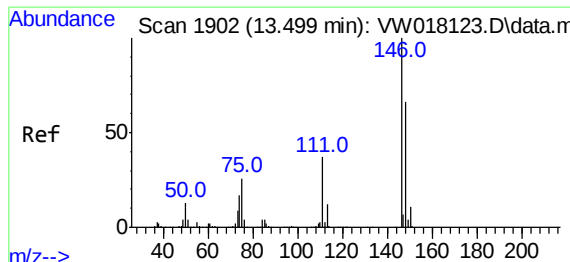
Tgt Ion: 75 Resp: 83201
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8



#62
Bromoform
Concen: 24.05 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 173 Resp: 72188
Ion Ratio Lower Upper
173 100
175 49.9 39.1 58.7
254 10.8 7.1 10.7#

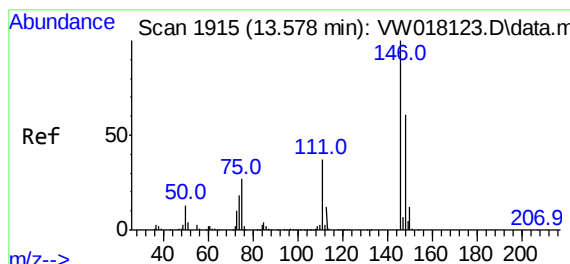
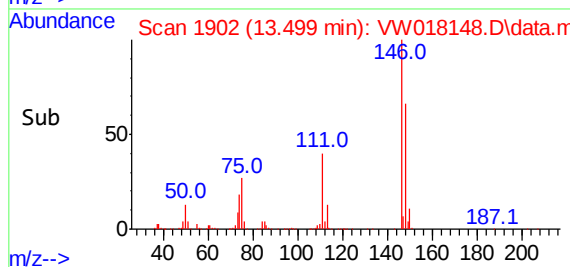
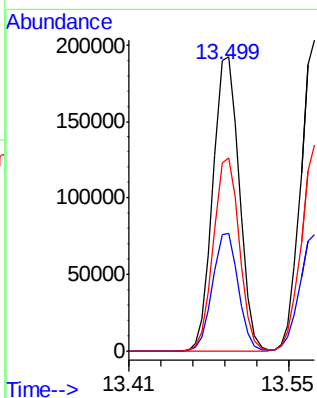
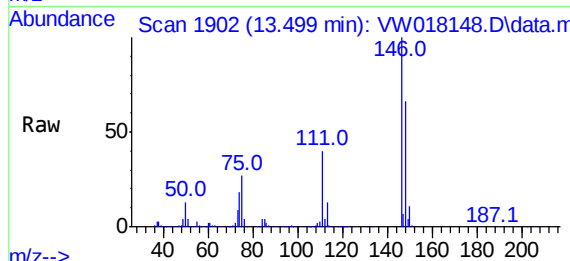




#63
1,3-Dichlorobenzene
Concen: 26.05 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

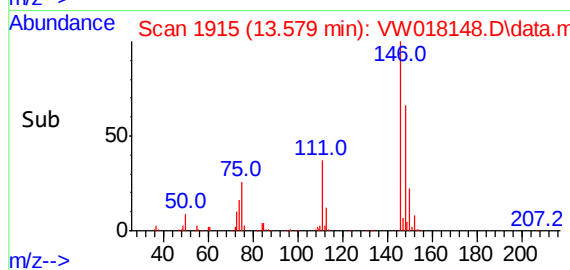
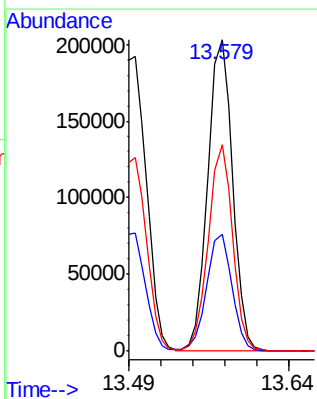
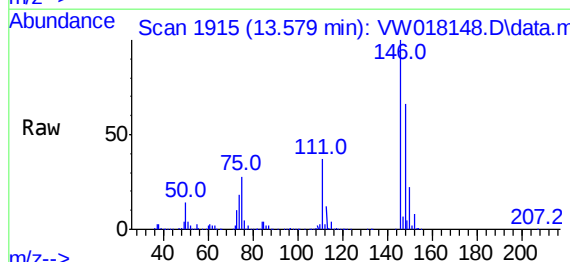
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

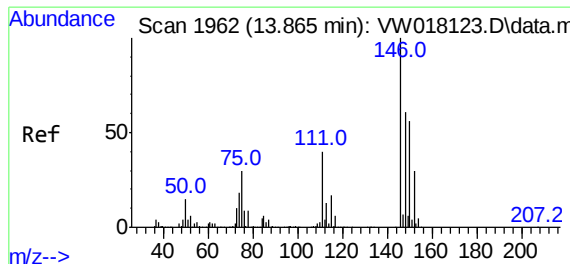
Tgt Ion:146 Resp: 323387
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 65.7 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 25.62 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:146 Resp: 319918
Ion Ratio Lower Upper
146 100
111 37.4 27.7 51.5
148 66.4 47.0 87.2

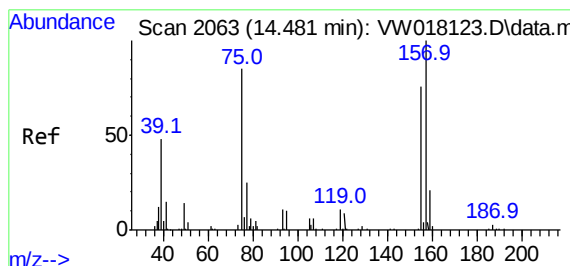
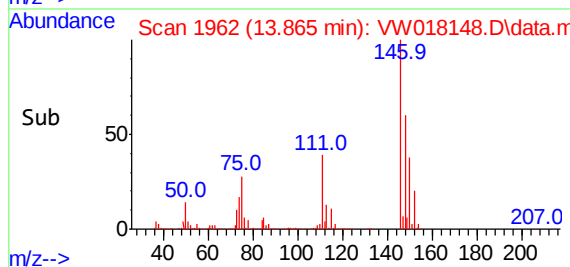
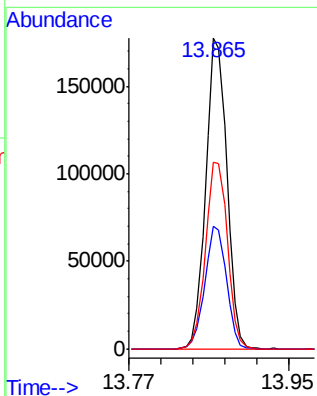
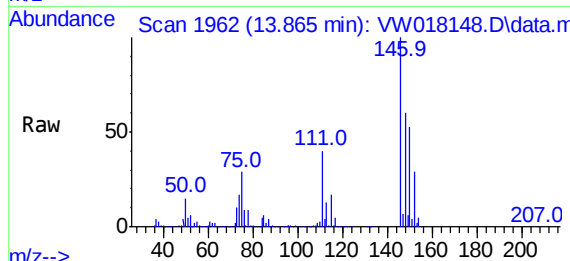




#65
1,2-Dichlorobenzene
Concen: 26.06 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

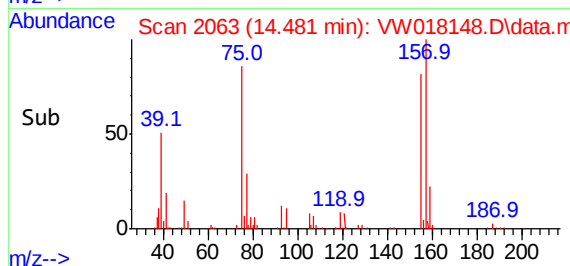
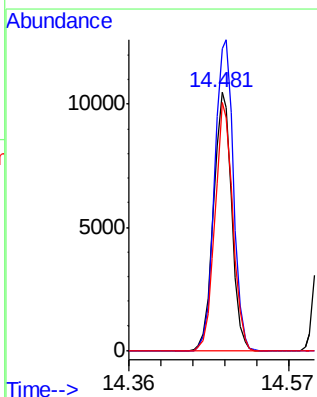
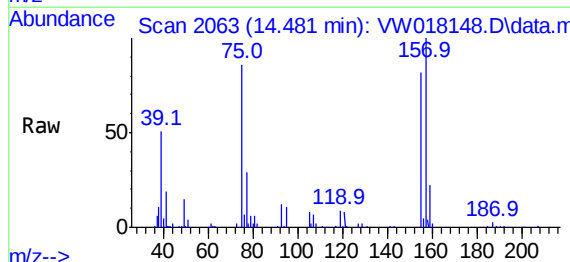
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

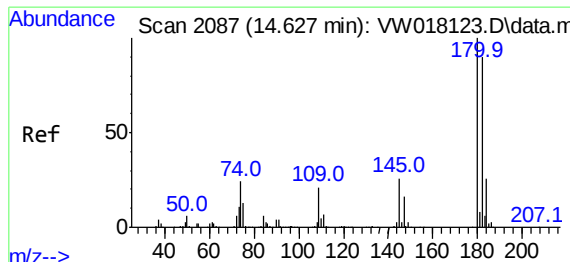
Tgt Ion:146 Resp: 291743
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 59.9 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 20.37 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion: 75 Resp: 17276
Ion Ratio Lower Upper
75 100
157 116.7 99.9 149.9
155 96.0 71.4 107.0

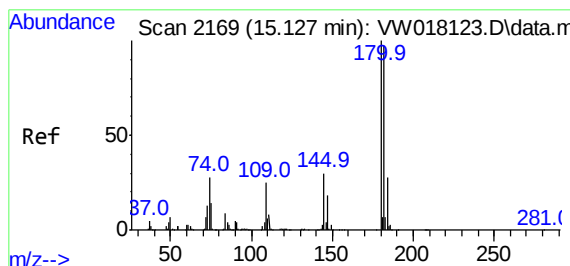
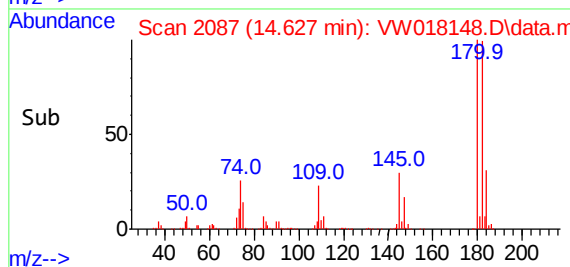
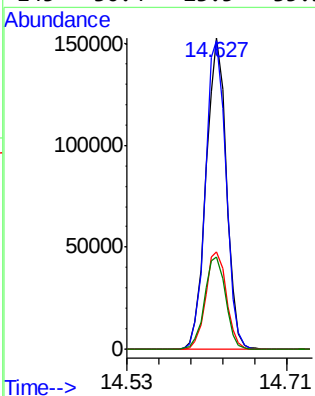
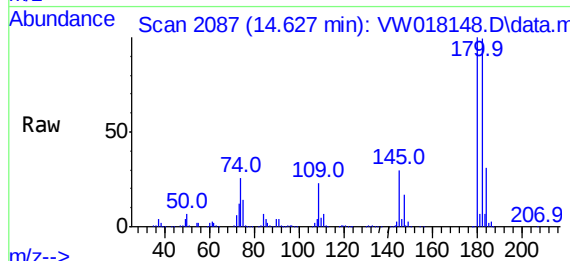




#67
1,3,5-Trichlorobenzene
Concen: 25.20 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

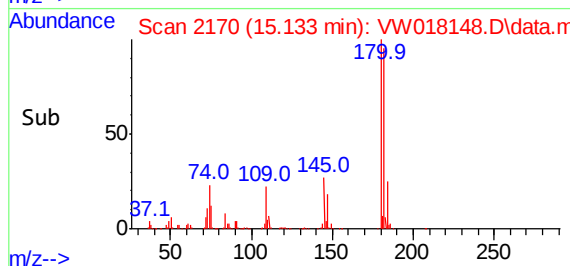
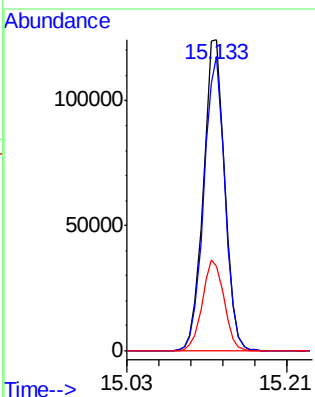
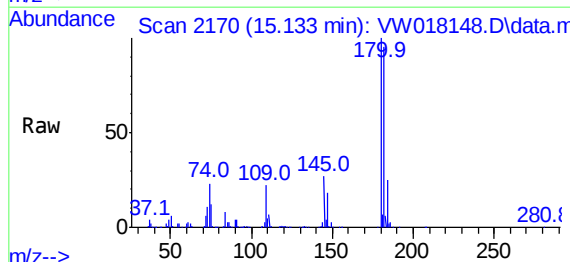
Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

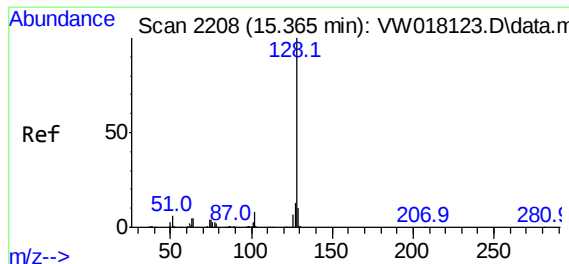
Tgt Ion:180 Resp: 240302
Ion Ratio Lower Upper
180 100
182 100.2 77.0 115.6
184 31.8 24.2 36.4
145 30.4 23.5 35.3



#68
1,2,4-trichlorobenzene
Concen: 25.82 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:180 Resp: 205302
Ion Ratio Lower Upper
180 100
182 93.5 71.3 106.9
145 29.5 24.0 36.0

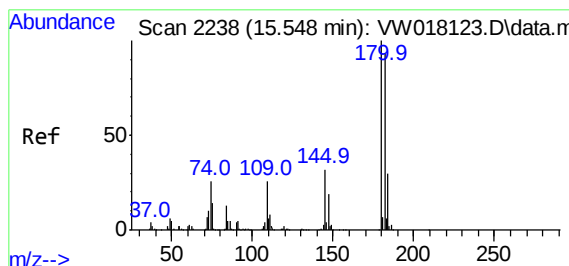
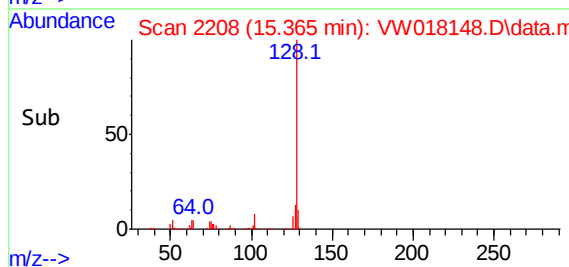
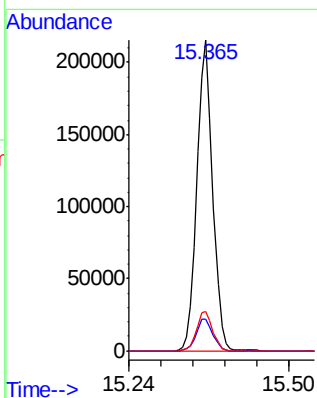
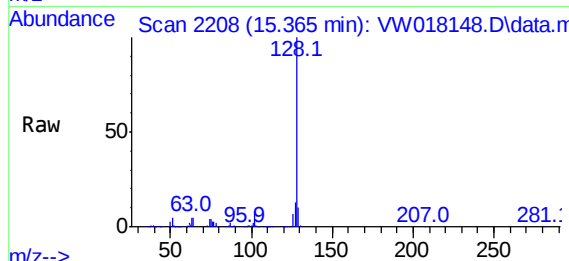




#69
Naphthalene
Concen: 23.40 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Instrument :
MSVOA_W
ClientSampleId :
VSTD02524

Tgt Ion:128 Resp: 362032
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.1 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 24.33 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW018148.D
Acq: 15 Feb 2021 20:15

Tgt Ion:180 Resp: 172449
Ion Ratio Lower Upper
180 100
182 97.0 74.7 112.1
145 32.2 25.4 38.0

