

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021921\
 Data File : VW018212.D
 Acq On : 19 Feb 2021 15:03
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02532

Quant Time: Feb 19 17:11:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	388401	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	355042	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	195060	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	91385	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
7) Chloroethane-d5	2.892	69	82644	21.57	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.28%
10) 1,1-Dichloroethene-d2	4.025	63	213167	22.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.36%
20) 2-Butanone-d5	7.074	46	60012	46.59	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.18%
24) Chloroform-d	7.647	84	262038	25.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.84%
26) 1,2-Dichloroethane-d4	8.305	65	128797	23.72	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.88%
29) Benzene-d6	8.275	84	498277	25.56	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.24%
33) 1,2-Dichloropropane-d6	9.275	67	143263	26.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.12%
37) Toluene-d8	10.323	98	480570	25.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.64%
38) trans-1,3-Dichloroprop...	10.579	79	63052	25.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.04%
39) 2-Hexanone-d5	10.921	63	52770	50.62	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.24%
48) 1,1,2,2-Tetrachloroeth...	12.689	84	123777	25.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.36%
61) 1,2-Dichlorobenzene-d4	13.853	152	189306	27.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.84%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	100080	19.04	ug/L	95
3) Chloromethane	2.215	50	78306	20.23	ug/L	100
5) Vinyl chloride	2.367	62	119187	22.33	ug/L	99
6) Bromomethane	2.788	94	81380	21.43	ug/L	99
8) Chloroethane	2.928	64	70426	22.08	ug/L	97
9) Trichlorofluoromethane	3.263	101	88334	22.88	ug/L	100
11) 1,1,2-Trichloro-1,2,2-...	4.074	101	128723	23.34	ug/L #	66
12) 1,1-Dichloroethene	4.050	96	123269	23.75	ug/L	83
13) Acetone	4.117	43	33784	35.45	ug/L	97
14) Carbon disulfide	4.385	76	327814	21.69	ug/L	98
15) Methyl Acetate	4.666	43	39013	18.45	ug/L	97
16) Methylene chloride	4.916	84	149445	24.01	ug/L	92
17) Methyl tert-butyl Ether	5.422	73	133096	22.84	ug/L	96
18) trans-1,2-Dichloroethene	5.422	96	129729	23.39	ug/L	97
19) 1,1-Dichloroethane	6.214	63	206870	23.11	ug/L	98
21) 2-Butanone	7.165	43	51358	35.40	ug/L	92
22) cis-1,2-Dichloroethene	7.165	96	136757	23.77	ug/L	97
23) Bromochloromethane	7.513	128	62850	22.73	ug/L	90
25) Chloroform	7.671	83	225471	23.08	ug/L	99

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 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

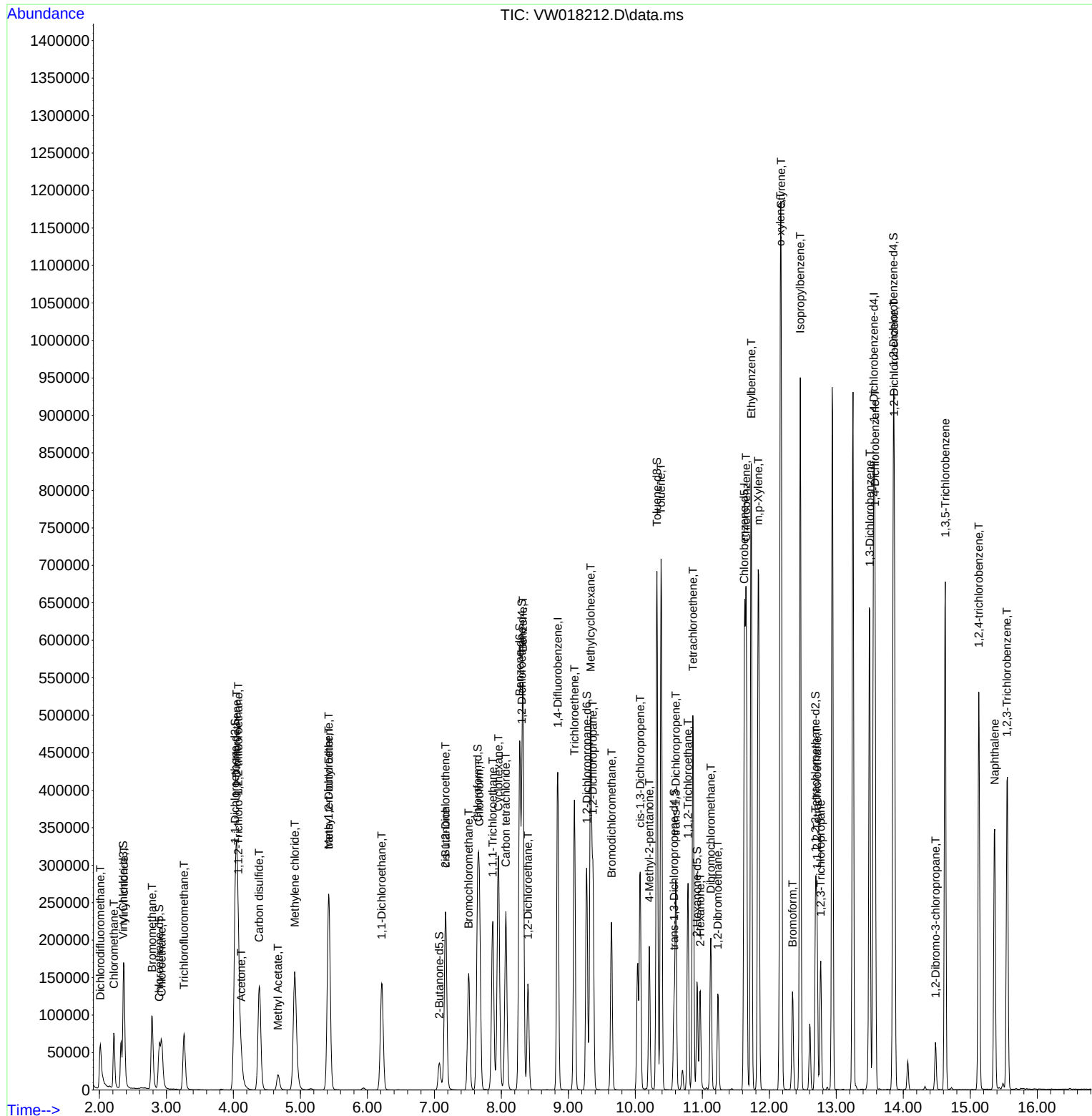
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	131566	20.75	ug/L	99
30) Cyclohexane	7.958	56	182270	22.44	ug/L	95
31) 1,1,1-Trichloroethane	7.872	97	189193	24.03	ug/L	99
32) Carbon tetrachloride	8.067	117	182404	23.92	ug/L	98
34) Benzene	8.323	78	489191	23.57	ug/L	100
35) Trichloroethene	9.092	95	136891	23.41	ug/L	98
36) Methylcyclohexane	9.335	83	222086	22.59	ug/L	96
40) 1,2-Dichloropropane	9.366	63	111173	23.35	ug/L	100
41) Bromodichloromethane	9.646	83	156870	23.01	ug/L	96
42) cis-1,3-Dichloropropene	10.073	75	182588	23.79	ug/L	100
43) 4-Methyl-2-pentanone	10.207	43	114191	38.57	ug/L	92
44) Toluene	10.384	91	544075	23.82	ug/L	96
45) trans-1,3-Dichloropropene	10.604	75	153963	23.05	ug/L	98
46) 1,1,2-Trichloroethane	10.786	97	89545	22.03	ug/L	98
47) Tetrachloroethene	10.860	164	120826	24.27	ug/L	93
49) 2-Hexanone	10.969	43	77983	37.90	ug/L	97
50) Dibromochloromethane	11.128	129	112445	23.09	ug/L	97
51) 1,2-Dibromoethane	11.231	107	87718	21.64	ug/L #	98
52) Chlorobenzene	11.652	112	353350	23.49	ug/L	96
53) Ethylbenzene	11.731	91	611579	23.57	ug/L	97
54) m,p-Xylene	11.835	106	239308	24.18	ug/L	98
55) o-xylene	12.164	106	227571	24.24	ug/L	100
56) Styrene	12.176	104	388113	24.31	ug/L	98
57) Isopropylbenzene	12.463	105	632165	24.18	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.713	83	99058	20.60	ug/L	97
59) 1,2,3-Trichloropropane	12.768	75	72585	19.93	ug/L	99
62) Bromoform	12.347	173	63435	21.10	ug/L	98
63) 1,3-Dichlorobenzene	13.499	146	289754	23.30	ug/L	94
64) 1,4-Dichlorobenzene	13.579	146	287183	22.97	ug/L	93
65) 1,2-Dichlorobenzene	13.865	146	256865	22.91	ug/L	98
66) 1,2-Dibromo-3-chloropr...	14.481	75	15464	18.21	ug/L	97
67) 1,3,5-Trichlorobenzene	14.627	180	228661	23.94	ug/L	100
68) 1,2,4-trichlorobenzene	15.127	180	183391	23.03	ug/L	96
69) Naphthalene	15.365	128	321078	20.72	ug/L	99
70) 1,2,3-Trichlorobenzene	15.548	180	157143	22.14	ug/L	99

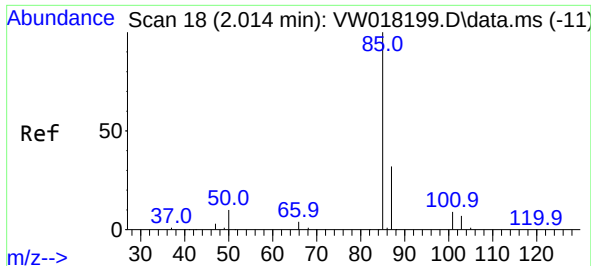
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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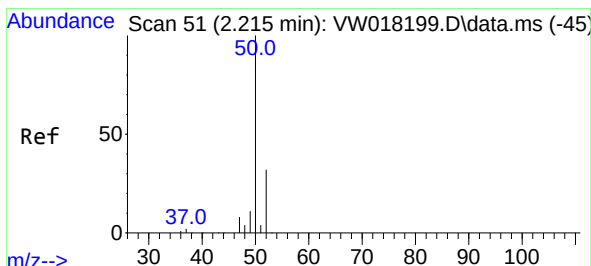
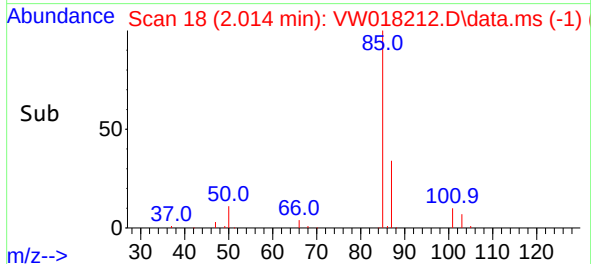
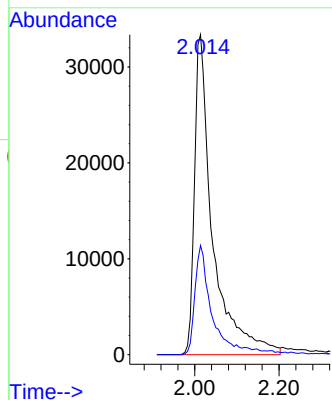
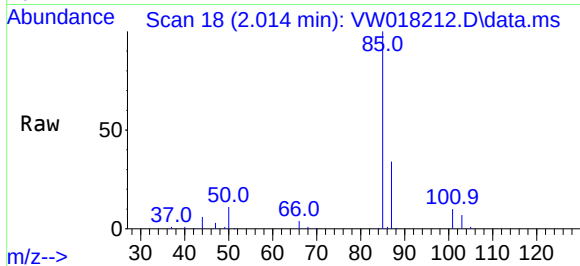




#2
Dichlorodifluoromethane
Concen: 19.04 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

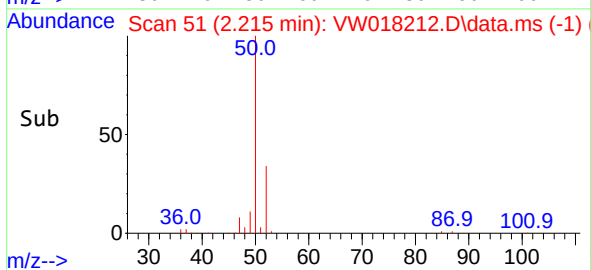
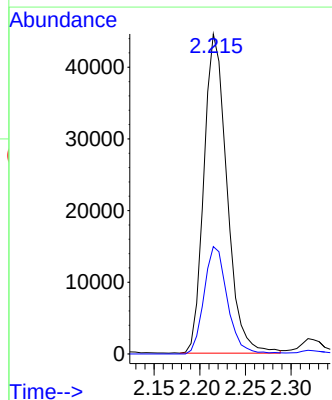
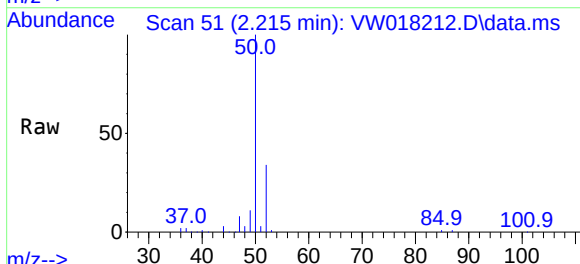
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MSVOA_W
ClientSampleId :
VSTD02532

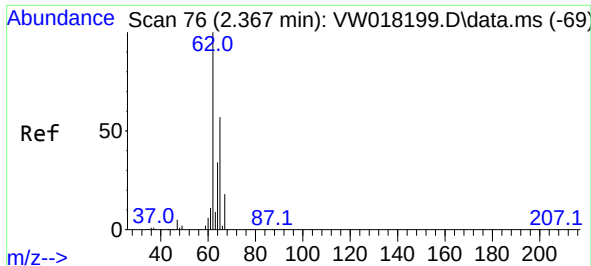
Tgt Ion: 85 Resp: 100080
Ion Ratio Lower Upper
85 100
87 30.2 23.2 43.0



#3
Chloromethane
Concen: 20.23 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 50 Resp: 78306
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.6

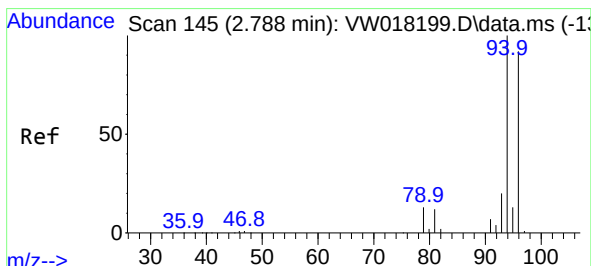
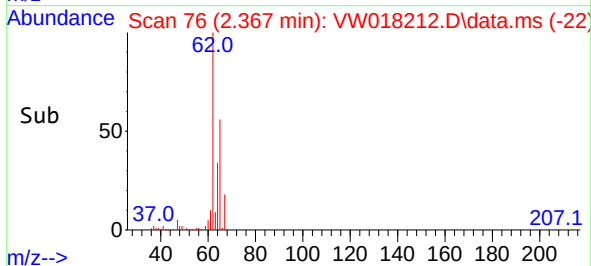
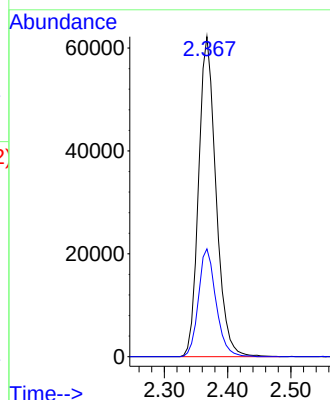
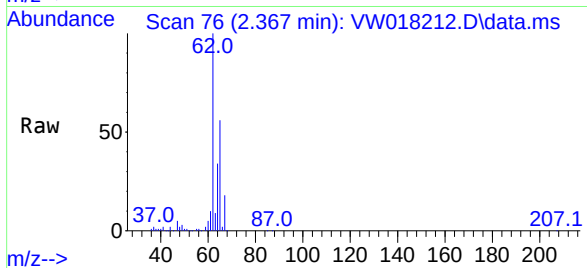




#5
 Vinyl chloride
 Concen: 22.33 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018212.D
 Acq: 19 Feb 2021 15:03

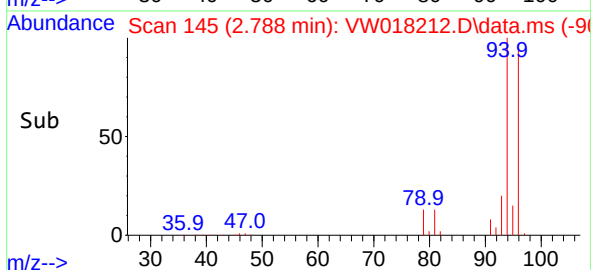
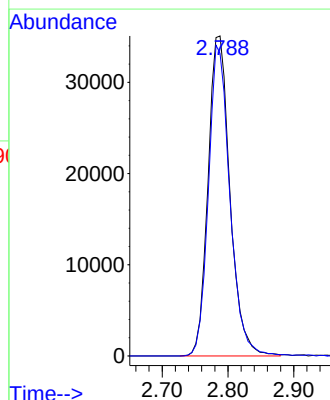
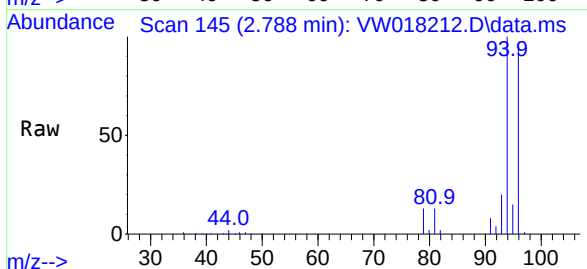
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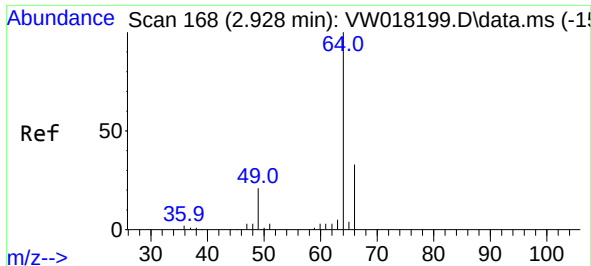
Tgt Ion: 62 Resp: 119187
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.9 44.5



#6
 Bromomethane
 Concen: 21.43 ug/L
 RT: 2.788 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW018212.D
 Acq: 19 Feb 2021 15:03

Tgt Ion: 94 Resp: 81380
 Ion Ratio Lower Upper
 94 100
 96 94.8 9.4 178.0

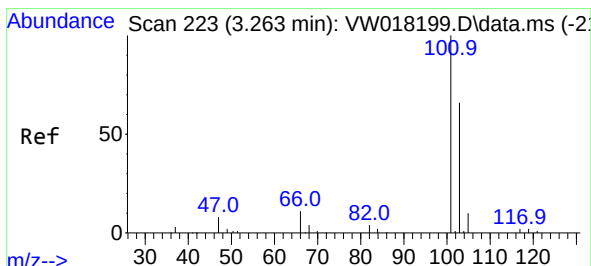
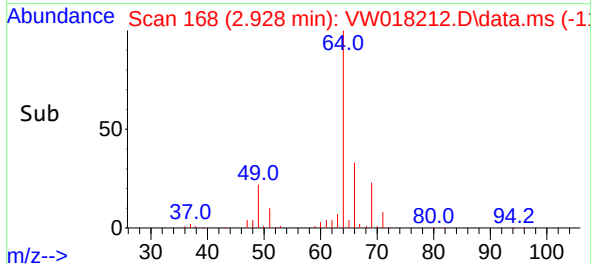
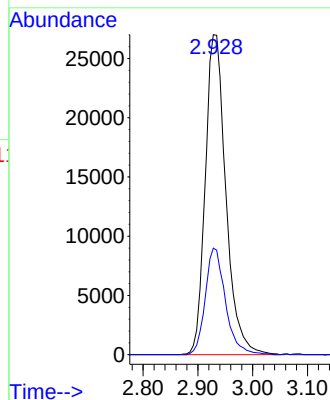
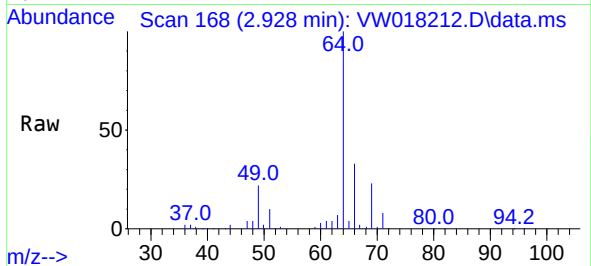




#8
Chloroethane
Concen: 22.08 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

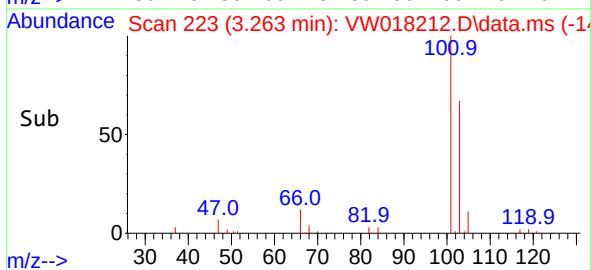
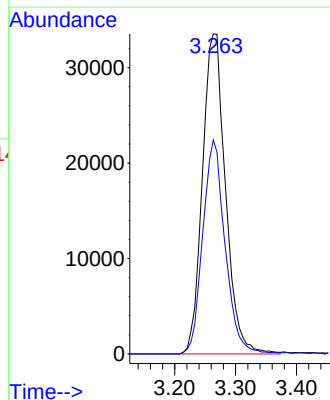
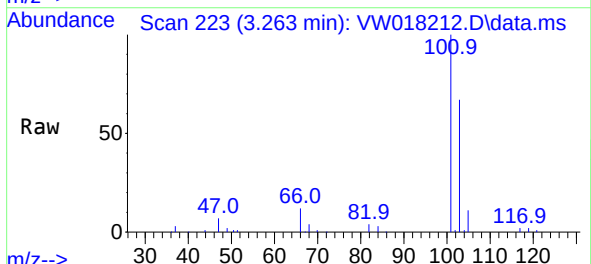
Instrument :
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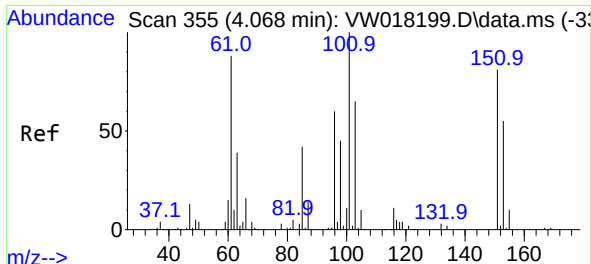
Tgt Ion: 64 Resp: 70426
Ion Ratio Lower Upper
64 100
66 33.3 22.0 41.0



#9
Trichlorofluoromethane
Concen: 22.88 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:101 Resp: 88334
Ion Ratio Lower Upper
101 100
103 64.6 45.0 83.6

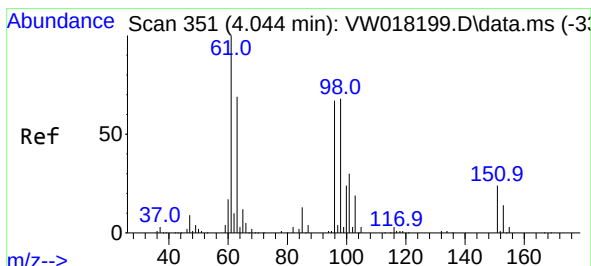
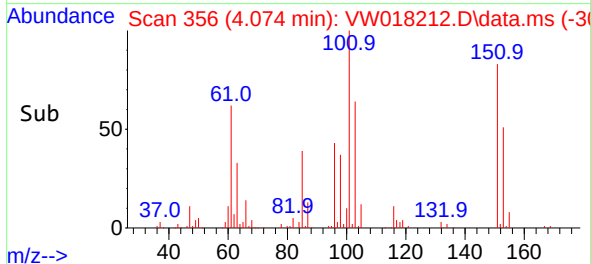
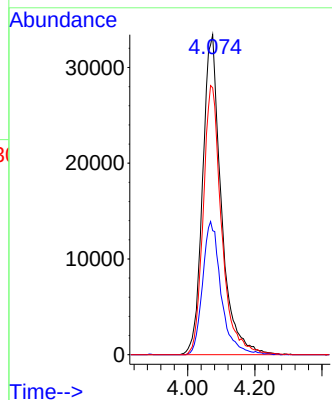
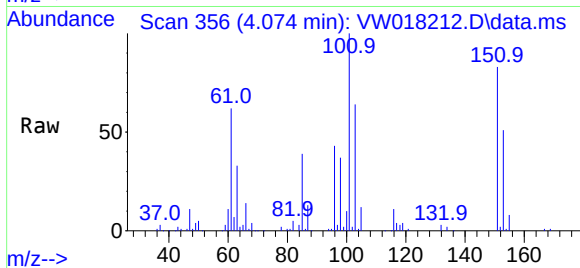




#11
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.34 ug/L
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

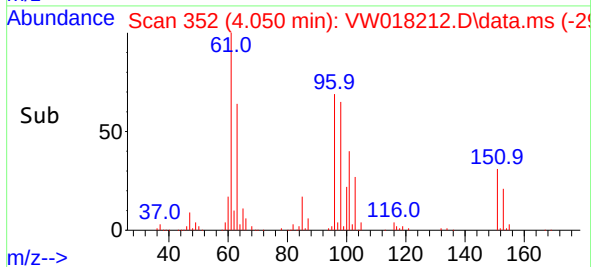
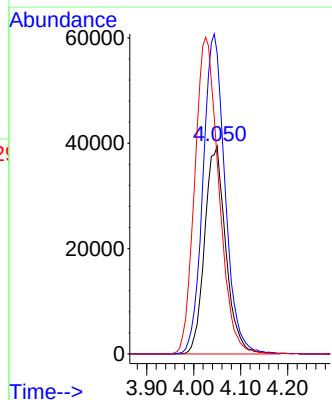
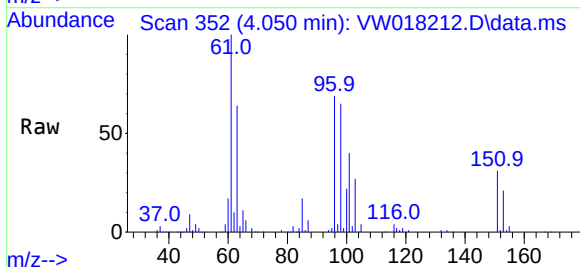
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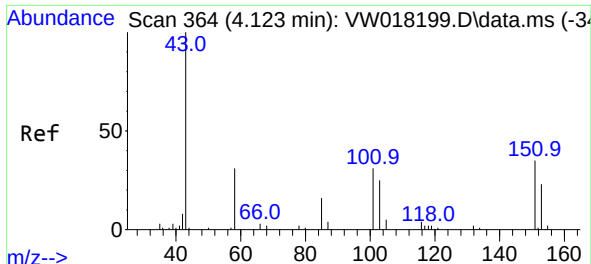
Tgt Ion:101 Resp: 128723
Ion Ratio Lower Upper
101 100
85 41.0 34.2 51.4
151 80.2 30.4 45.6#



#12
1,1-Dichloroethene
Concen: 23.75 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 96 Resp: 123269
Ion Ratio Lower Upper
96 100
61 144.8 112.5 208.9
63 93.3 83.1 154.3

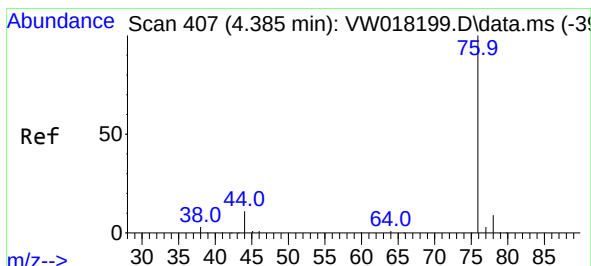
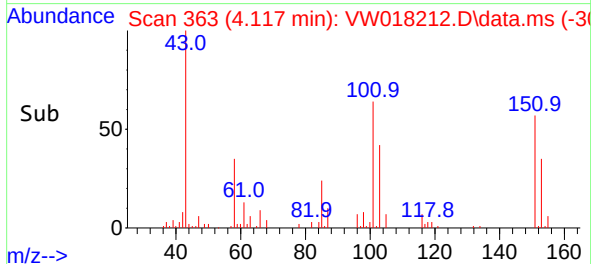
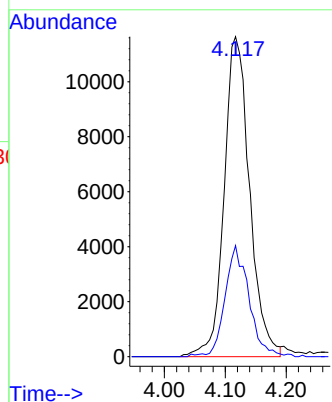
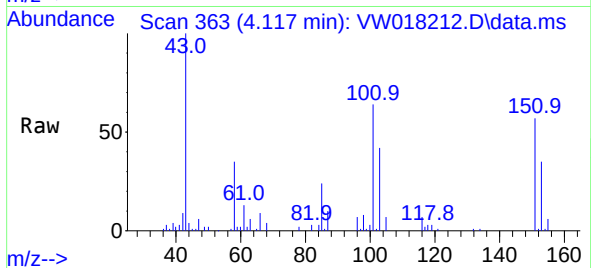




#13
Acetone
Concen: 35.45 ug/L
RT: 4.117 min Scan# 363
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

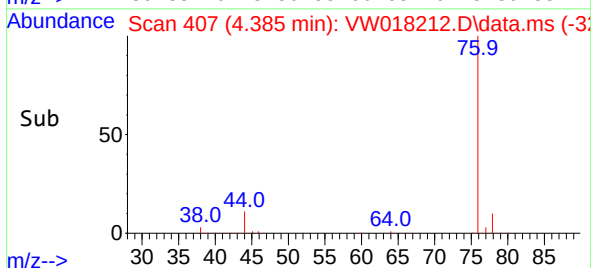
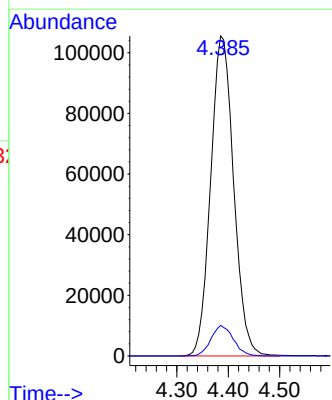
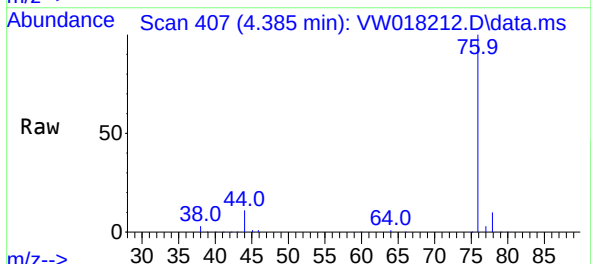
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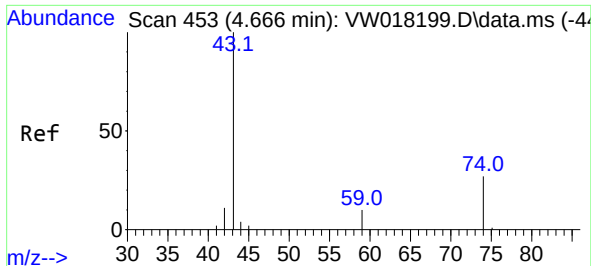
Tgt Ion: 43 Resp: 33784
Ion Ratio Lower Upper
43 100
58 32.2 0.0 68.4



#14
Carbon disulfide
Concen: 21.69 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 76 Resp: 327814
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4

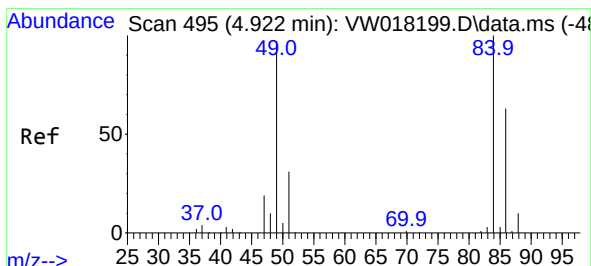
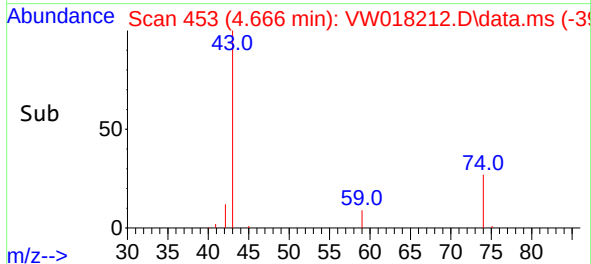
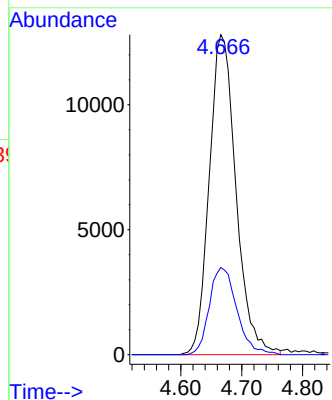
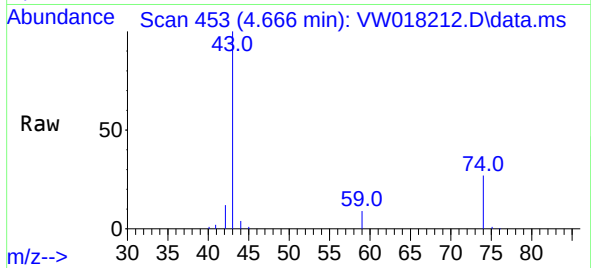




#15
Methyl Acetate
Concen: 18.45 ug/L
RT: 4.666 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

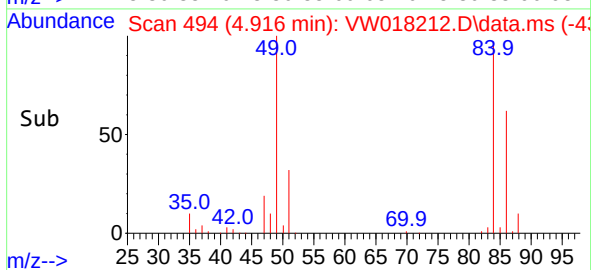
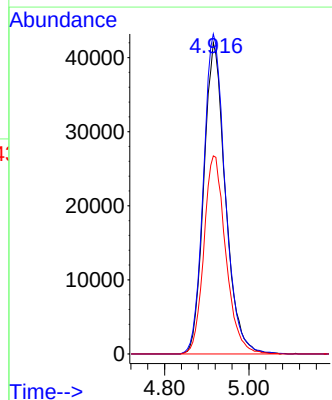
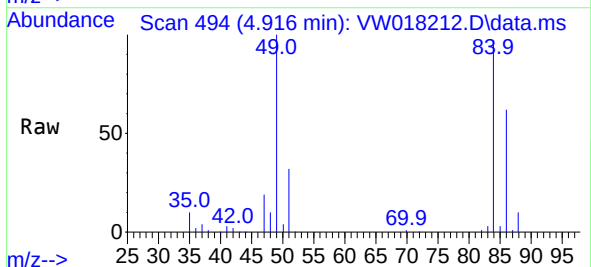
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

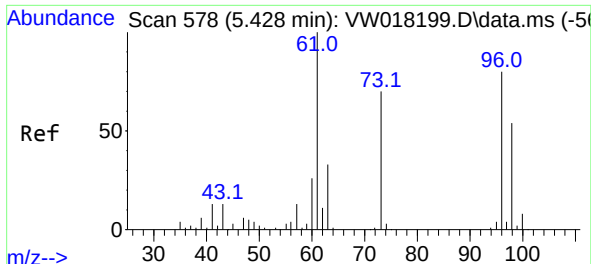
Tgt Ion: 43 Resp: 39013
Ion Ratio Lower Upper
43 100
74 27.5 20.7 31.1



#16
Methylene chloride
Concen: 24.01 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 84 Resp: 149445
Ion Ratio Lower Upper
84 100
49 102.8 81.2 150.8
86 63.6 44.5 82.7





#17

Methyl tert-butyl Ether

Concen: 22.84 ug/L

RT: 5.422 min Scan# 577

Delta R.T. 0.000 min

Lab File: VW018212.D

Acq: 19 Feb 2021 15:03

Instrument :

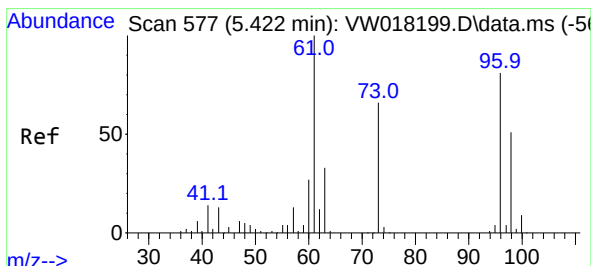
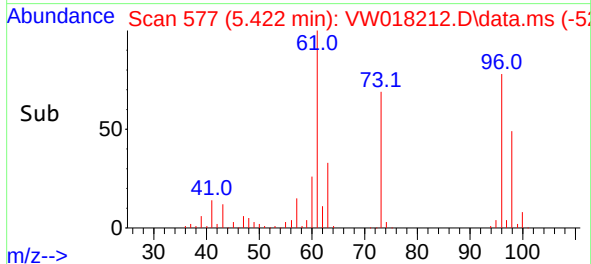
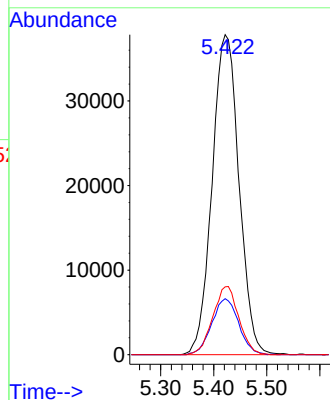
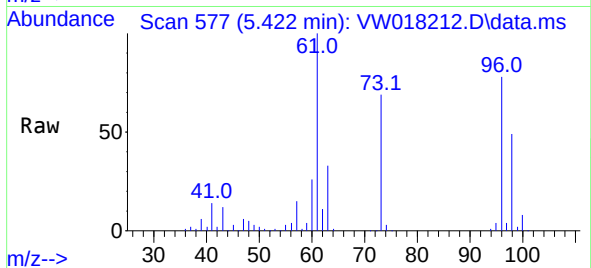
MSVOA_W

ClientSampleId :

VSTD02532

Tgt Ion: 73 Resp: 133096

Ion	Ratio	Lower	Upper
73	100		
43	17.6	16.2	24.4
57	20.6	17.2	25.8



#18

trans-1,2-Dichloroethene

Concen: 23.39 ug/L

RT: 5.422 min Scan# 577

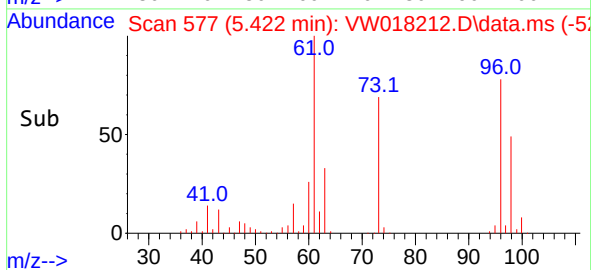
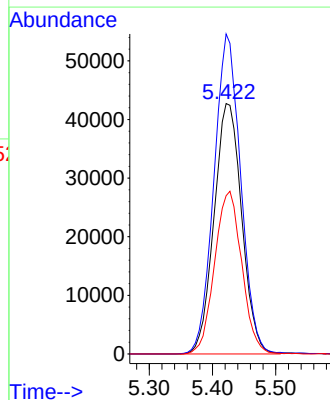
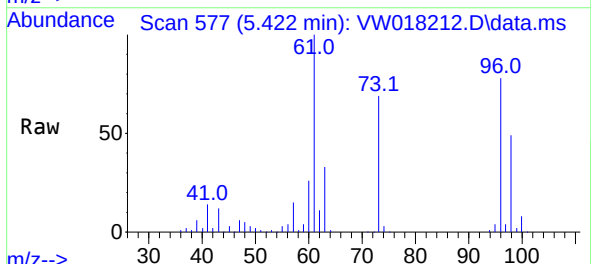
Delta R.T. 0.000 min

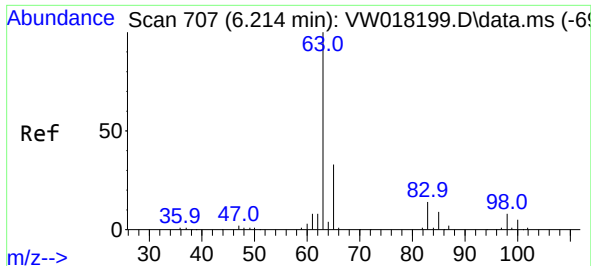
Lab File: VW018212.D

Acq: 19 Feb 2021 15:03

Tgt Ion: 96 Resp: 129729

Ion	Ratio	Lower	Upper
96	100		
61	127.8	92.7	172.1
98	63.2	43.3	80.3





#19

1,1-Dichloroethane

Concen: 23.11 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

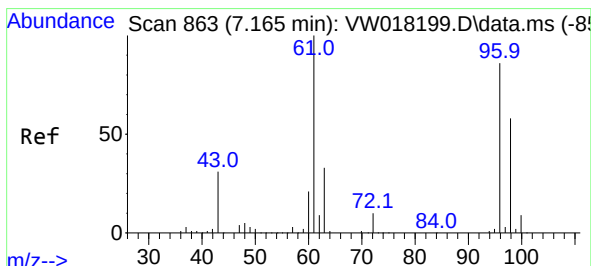
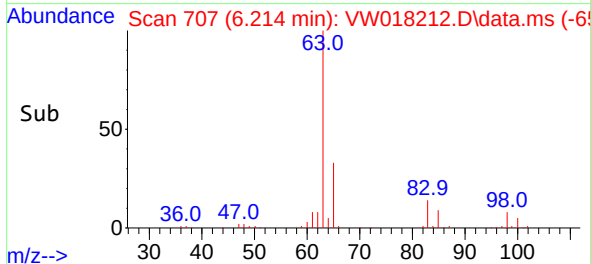
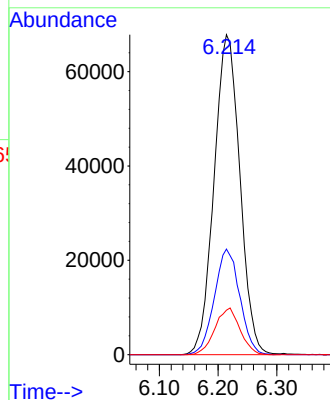
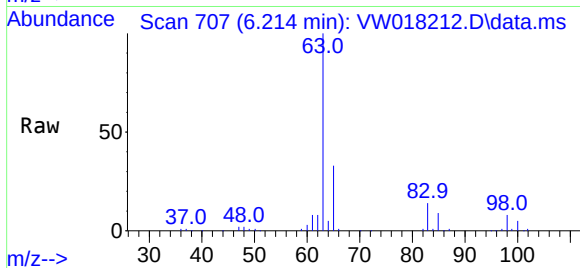
Lab File: VW018212.D

Acq: 19 Feb 2021 15:03

Tgt Ion: 63 Resp: 206870

Ion	Ratio	Lower	Upper
63	100		
65	33.0	21.9	40.7
83	13.9	9.4	17.6

Instrument :
MSVOA_W
ClientSampleId :
VSTD02532



#21

2-Butanone

Concen: 35.40 ug/L

RT: 7.165 min Scan# 863

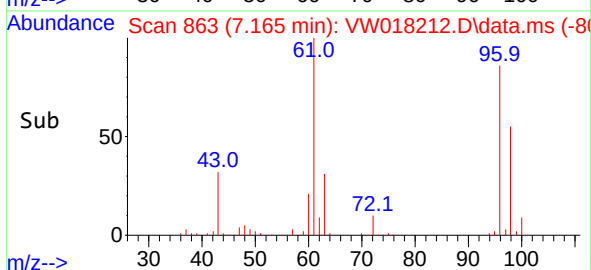
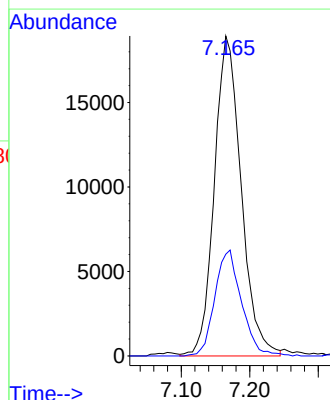
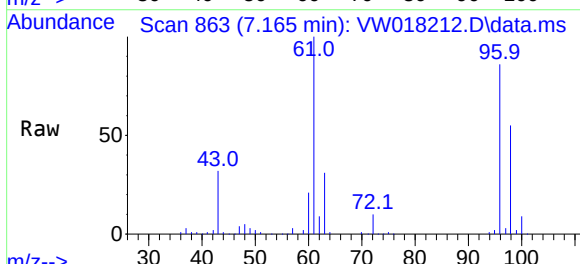
Delta R.T. 0.000 min

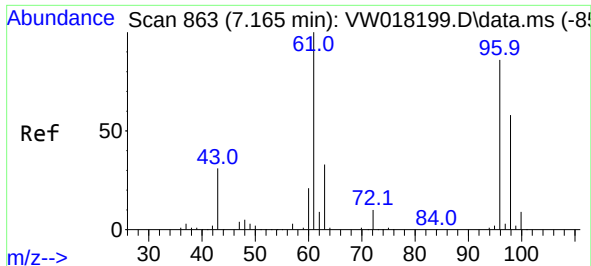
Lab File: VW018212.D

Acq: 19 Feb 2021 15:03

Tgt Ion: 43 Resp: 51358

Ion	Ratio	Lower	Upper
43	100		
72	32.9	14.4	43.2



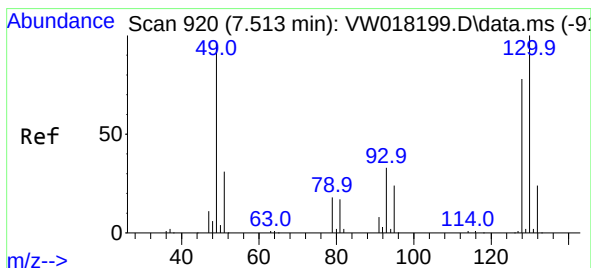
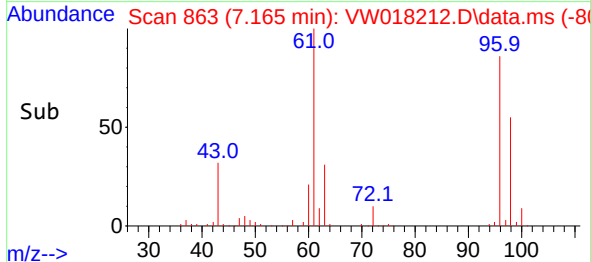
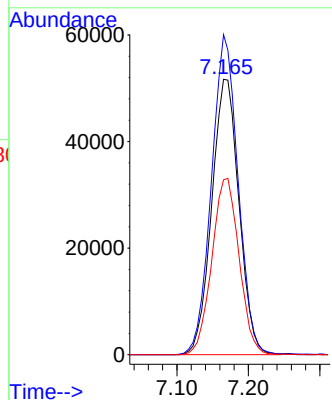
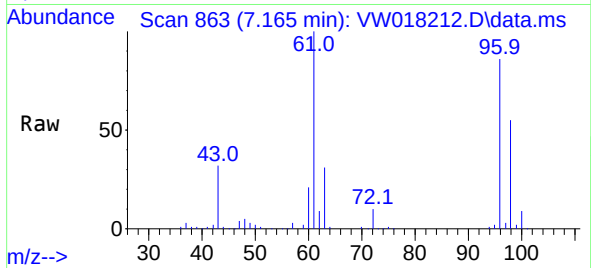


#22
cis-1,2-Dichloroethene
Concen: 23.77 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

Tgt Ion: 96 Resp: 136757

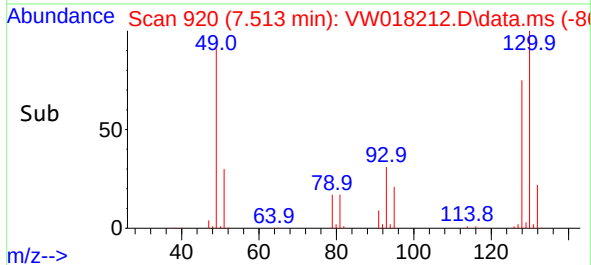
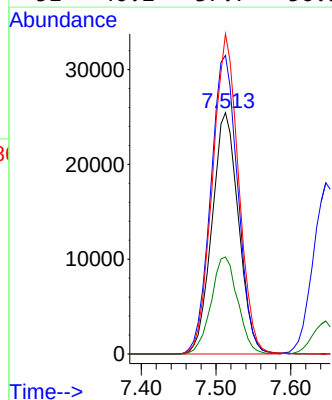
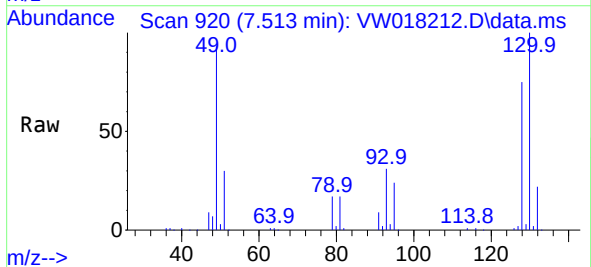
Ion	Ratio	Lower	Upper
96	100		
61	116.2	84.6	157.2
98	63.5	44.7	82.9

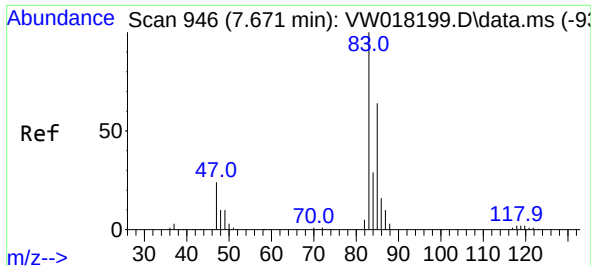


#23
Bromochloromethane
Concen: 22.73 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 128 Resp: 62850

Ion	Ratio	Lower	Upper
128	100		
49	123.8	101.6	188.6
130	132.7	90.4	167.8
51	40.2	37.7	56.5

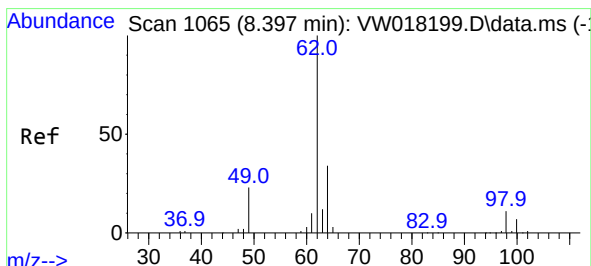
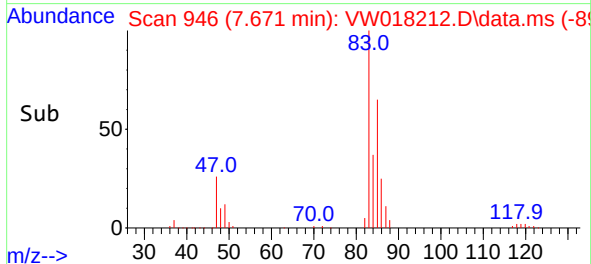
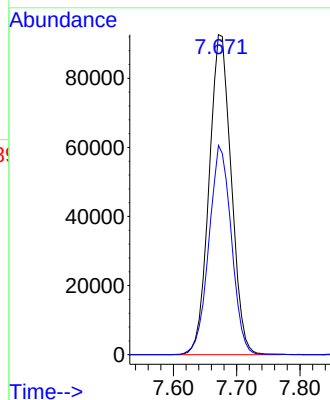
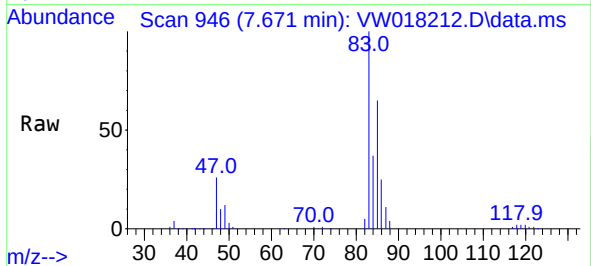




#25
Chloroform
Concen: 23.08 ug/L
RT: 7.671 min Scan# 946
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

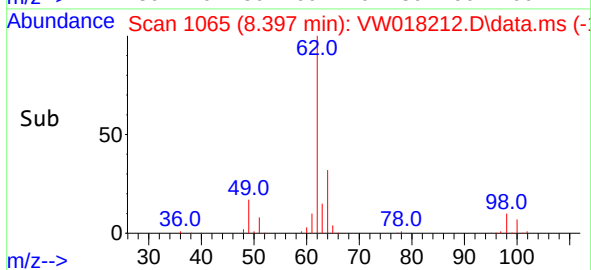
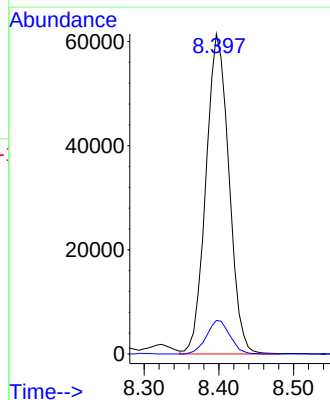
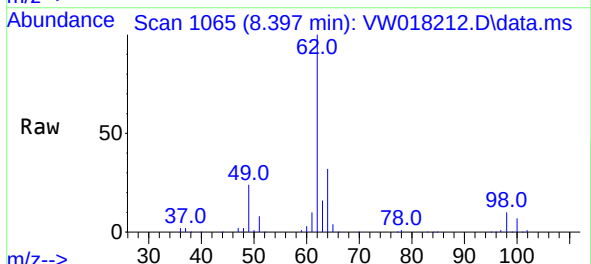
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

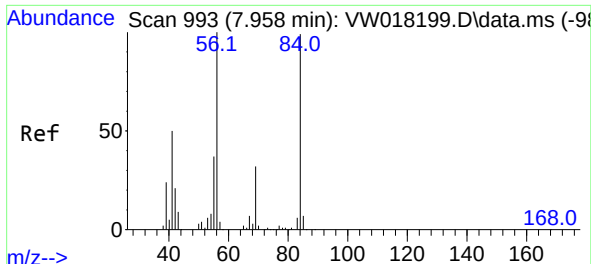
Tgt Ion: 83 Resp: 225471
Ion Ratio Lower Upper
83 100
85 66.4 45.7 84.9



#27
1,2-Dichloroethane
Concen: 20.75 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

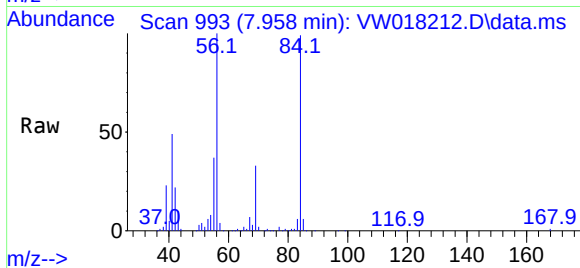
Tgt Ion: 62 Resp: 131566
Ion Ratio Lower Upper
62 100
98 10.5 8.0 12.0



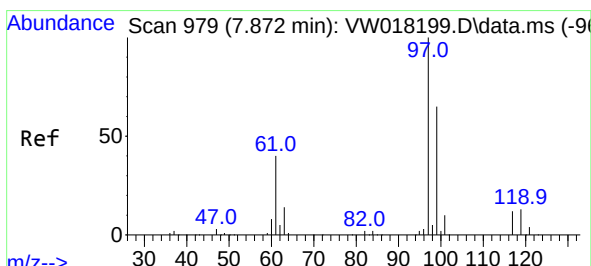
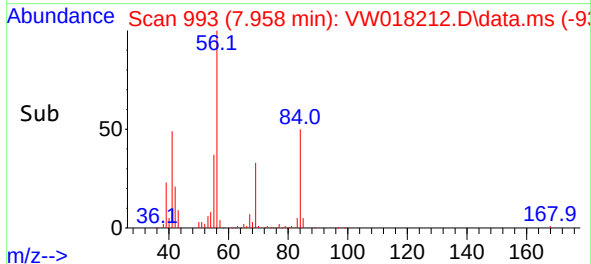
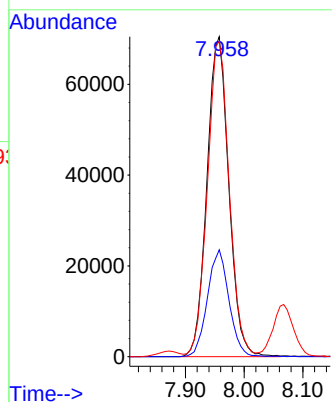


#30
Cyclohexane
Concen: 22.44 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

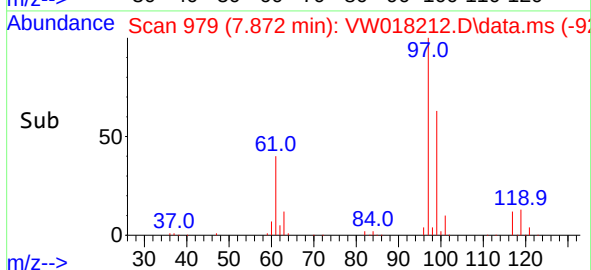
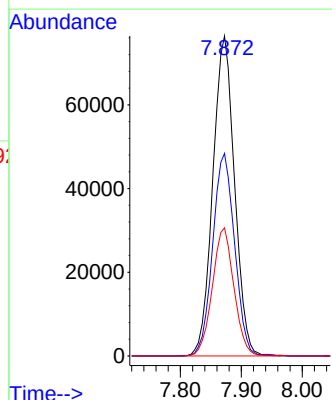
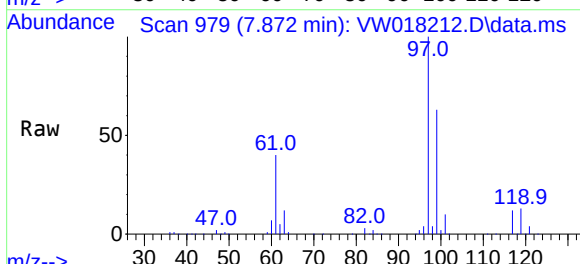


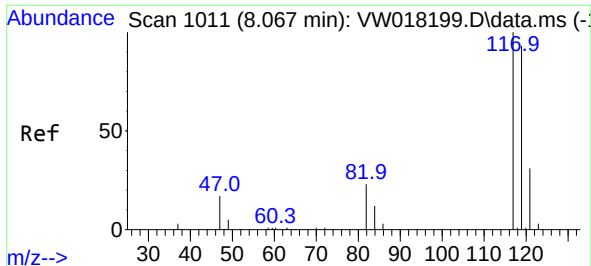
Tgt Ion: 56 Resp: 182270
Ion Ratio Lower Upper
56 100
69 32.8 24.8 37.2
84 98.4 74.2 111.4



#31
1,1,1-Trichloroethane
Concen: 24.03 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 97 Resp: 189193
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.4
61 39.8 33.6 50.4

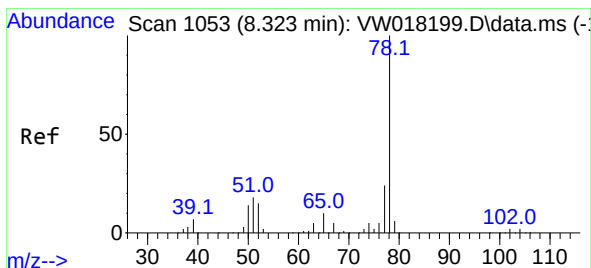
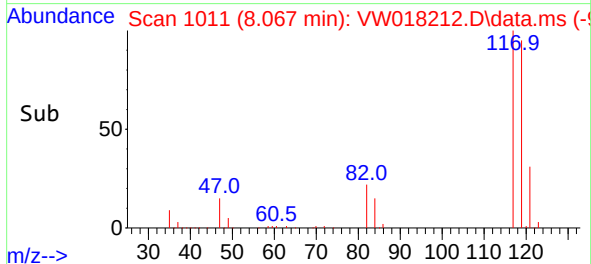
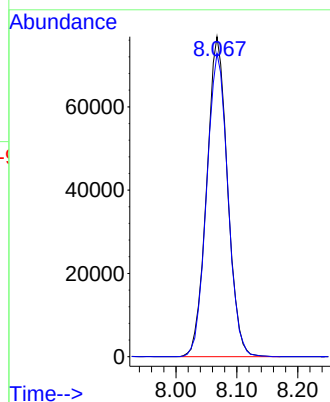
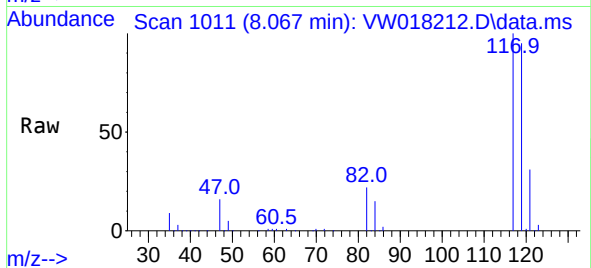




#32
Carbon tetrachloride
Concen: 23.92 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

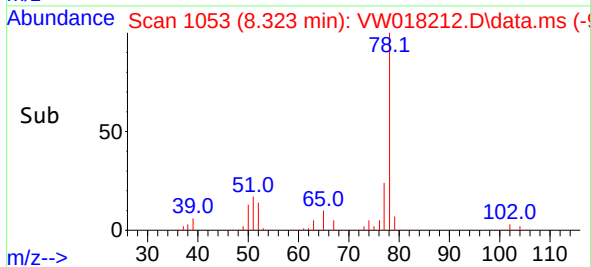
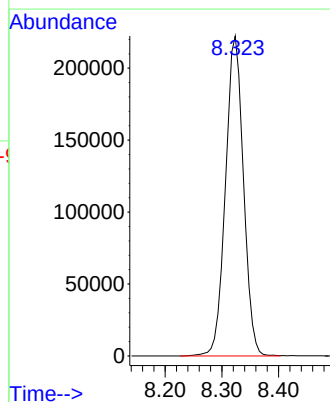
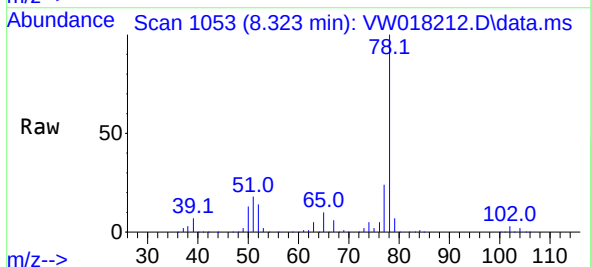
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

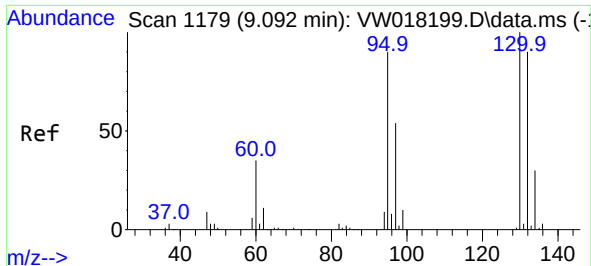
Tgt Ion:117 Resp: 182404
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8



#34
Benzene
Concen: 23.57 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 78 Resp: 489191

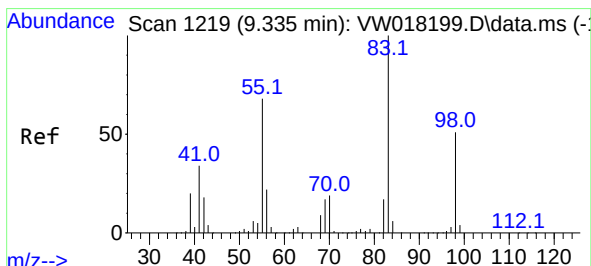
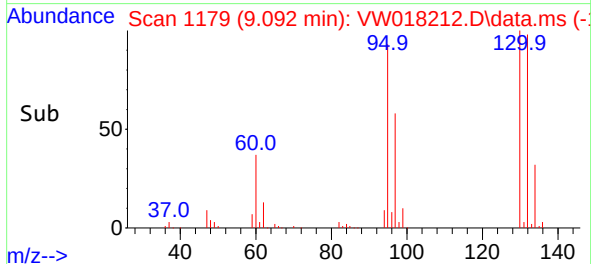
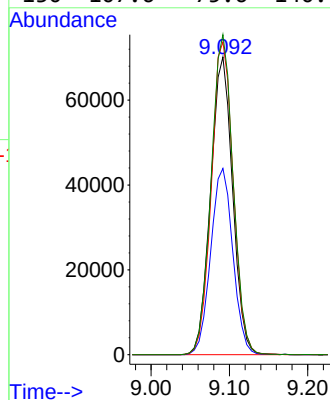
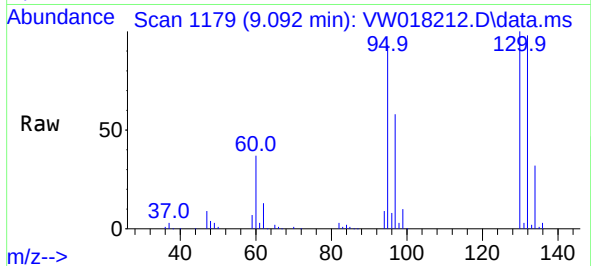




#35
Trichloroethene
Concen: 23.41 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

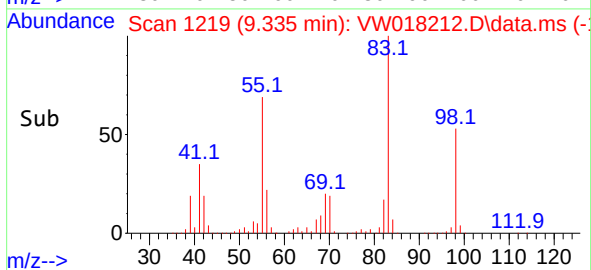
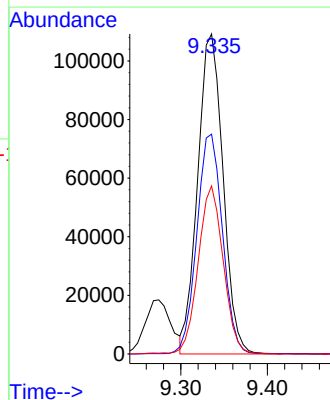
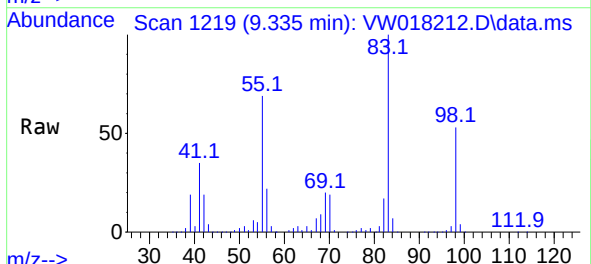
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

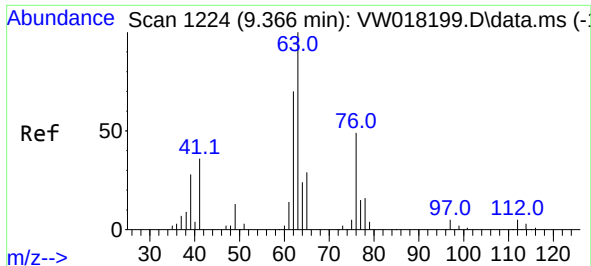
Tgt Ion: 95 Resp: 136891
Ion Ratio Lower Upper
95 100
97 63.0 45.0 83.6
132 104.3 71.0 131.8
130 107.6 75.6 140.4



#36
Methylcyclohexane
Concen: 22.59 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 83 Resp: 222086
Ion Ratio Lower Upper
83 100
55 69.3 59.4 89.0
98 51.7 40.7 61.1

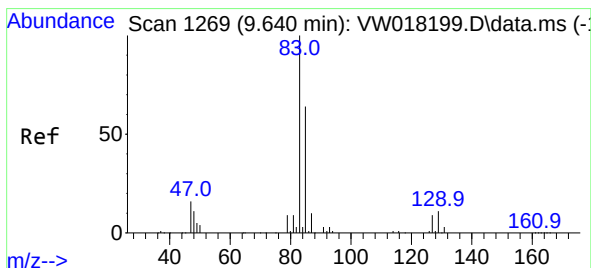
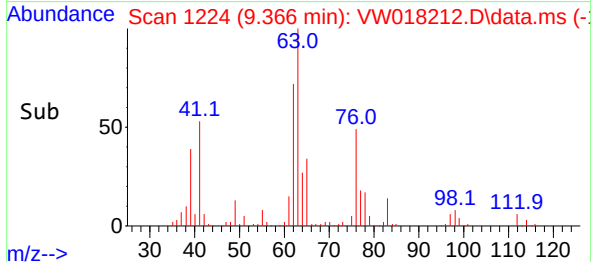
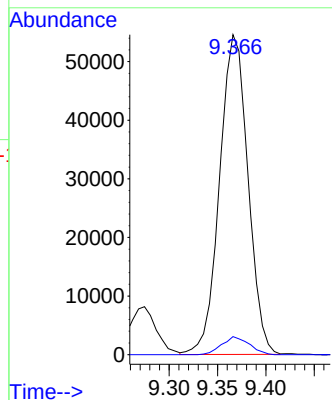
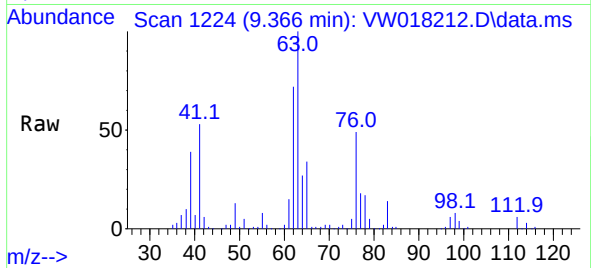




#40
1,2-Dichloropropane
Concen: 23.35 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

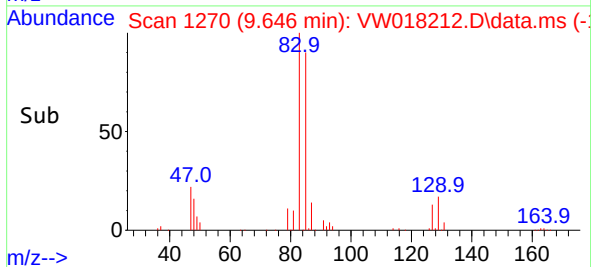
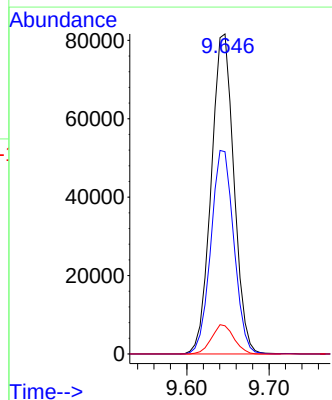
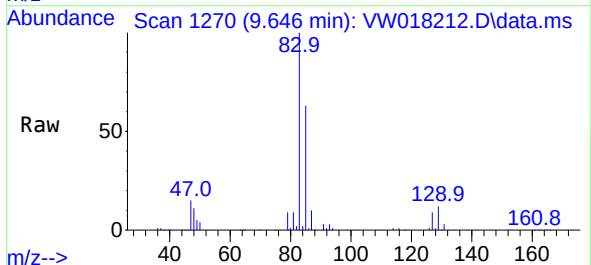
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

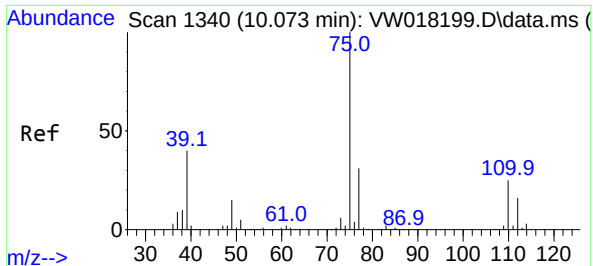
Tgt Ion: 63 Resp: 111173
Ion Ratio Lower Upper
63 100
112 5.4 4.2 6.4



#41
Bromodichloromethane
Concen: 23.01 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 83 Resp: 156870
Ion Ratio Lower Upper
83 100
85 63.2 46.8 86.8
127 8.8 7.6 11.4

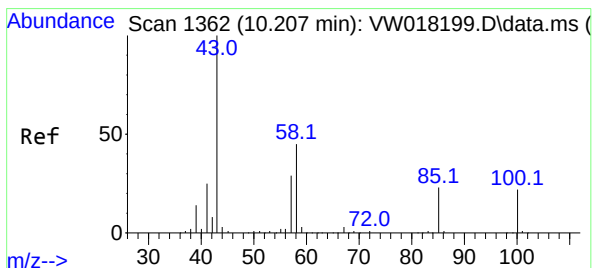
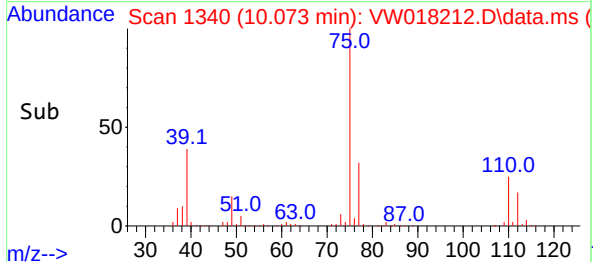
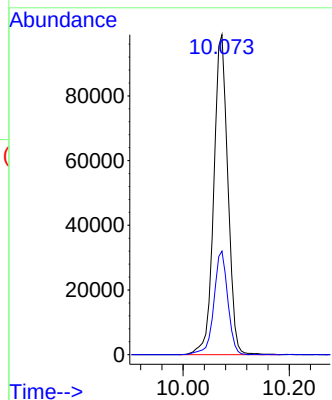
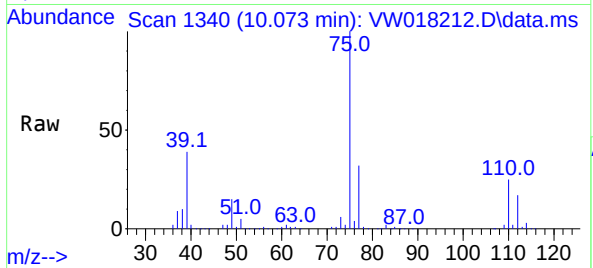




#42
cis-1,3-Dichloropropene
Concen: 23.79 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

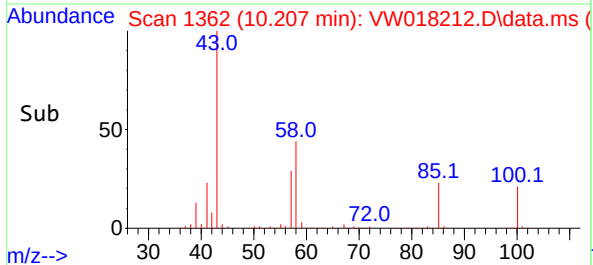
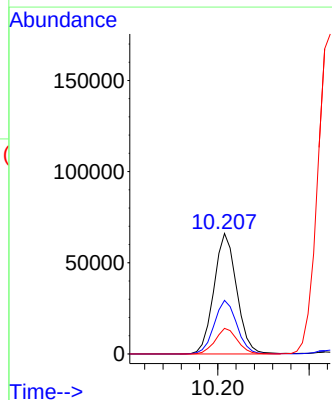
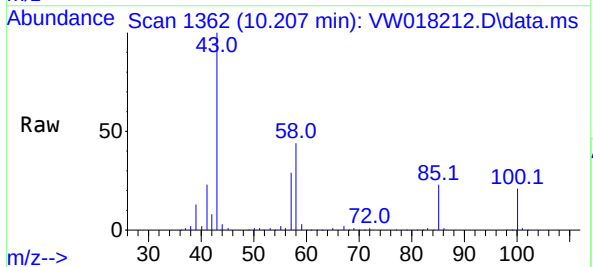
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

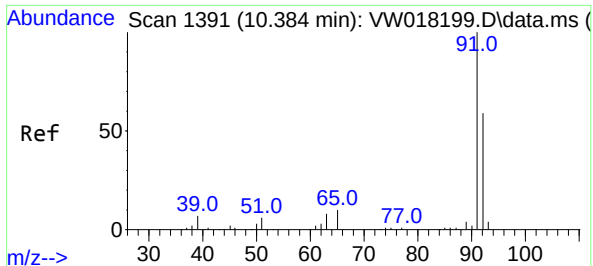
Tgt Ion: 75 Resp: 182588
Ion Ratio Lower Upper
75 100
77 32.3 22.7 42.3



#43
4-Methyl-2-pentanone
Concen: 38.57 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 43 Resp: 114191
Ion Ratio Lower Upper
43 100
58 44.5 31.6 47.4
100 20.8 14.1 21.1

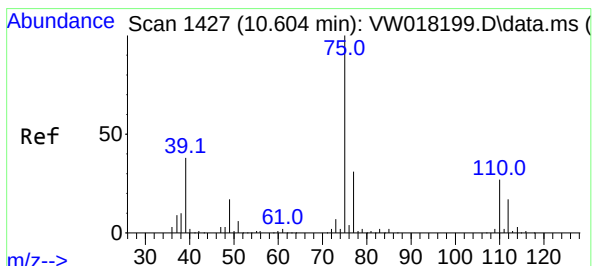
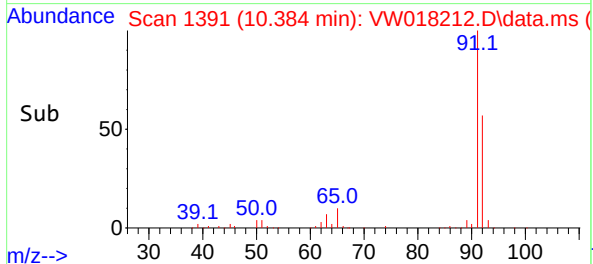
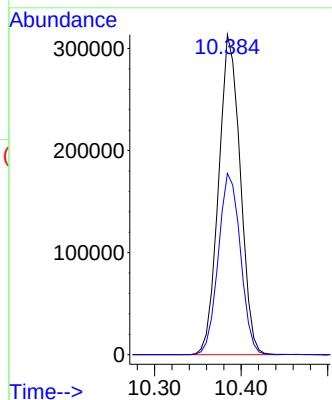
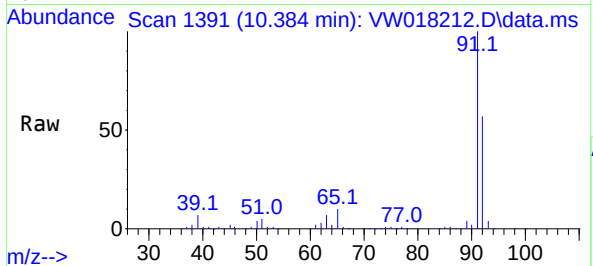




#44
Toluene
Concen: 23.82 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

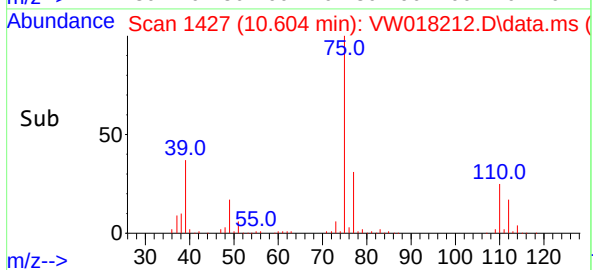
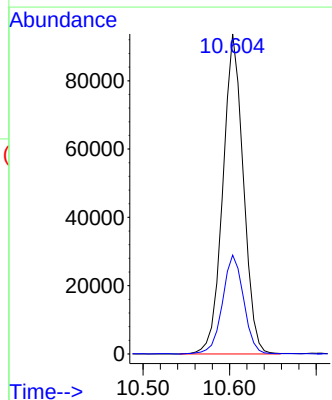
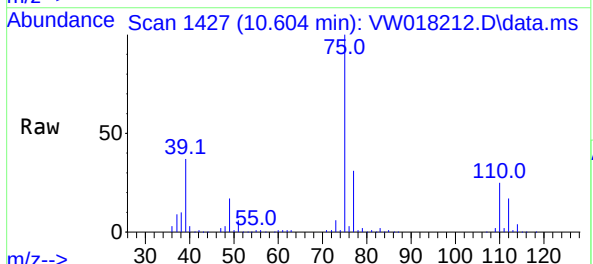
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

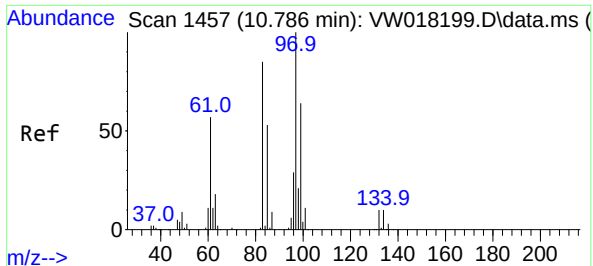
Tgt Ion: 91 Resp: 544075
Ion Ratio Lower Upper
91 100
92 56.7 41.6 77.3



#45
trans-1,3-Dichloropropene
Concen: 23.05 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 75 Resp: 153963
Ion Ratio Lower Upper
75 100
77 30.9 22.6 42.0



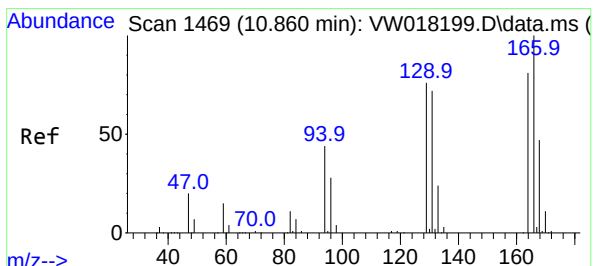
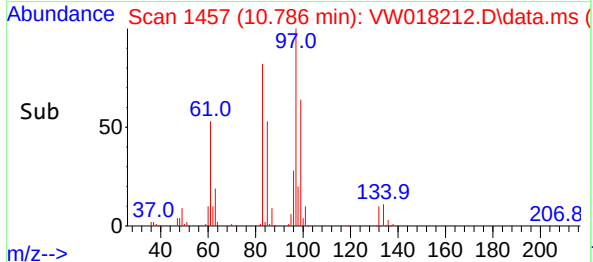
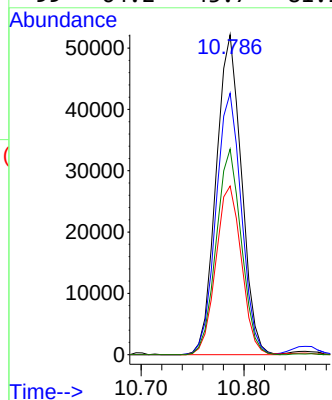
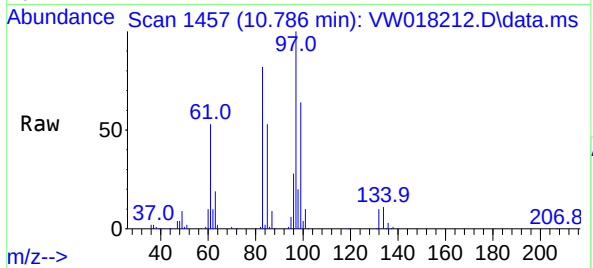


#46
1,1,2-Trichloroethane
Concen: 22.03 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

Tgt Ion: 97 Resp: 89545

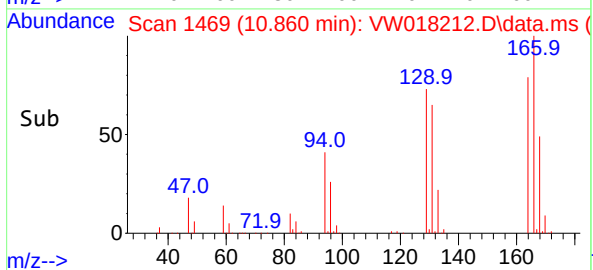
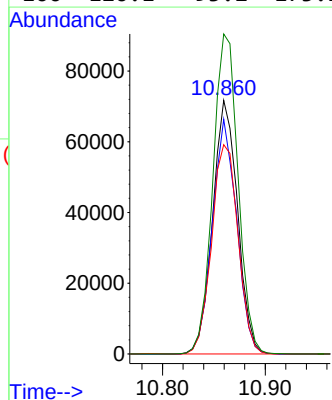
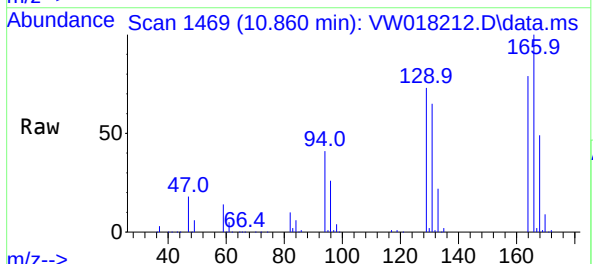
Ion	Ratio	Lower	Upper
97	100		
83	81.7	58.5	108.7
85	52.7	37.8	70.2
99	64.2	43.7	81.1

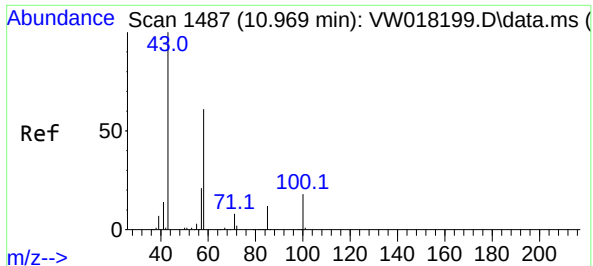


#47
Tetrachloroethene
Concen: 24.27 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:164 Resp: 120826

Ion	Ratio	Lower	Upper
164	100		
129	92.5	67.6	125.6
131	82.5	65.2	121.2
166	126.1	93.2	173.2

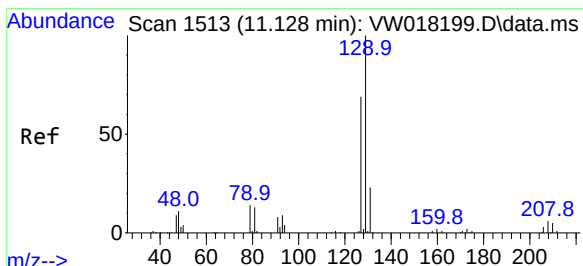
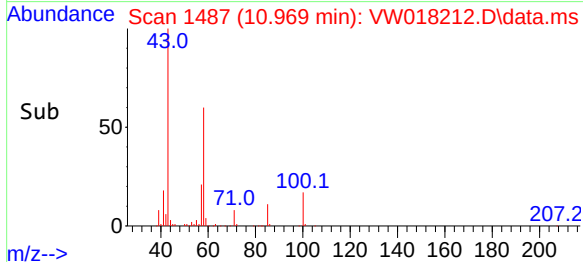
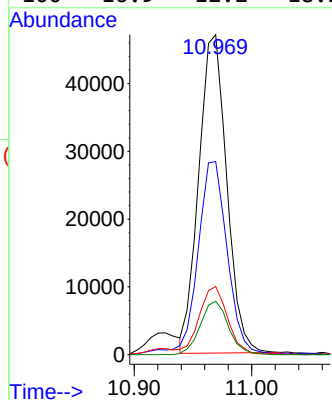
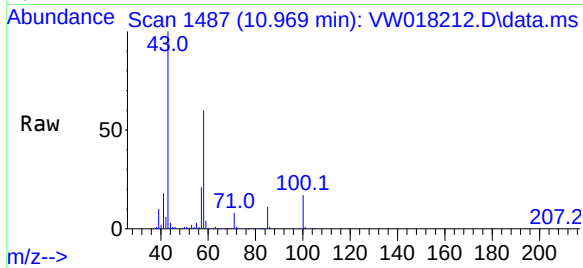




#49
2-Hexanone
Concen: 37.90 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

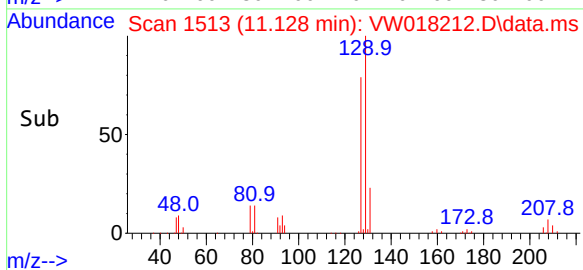
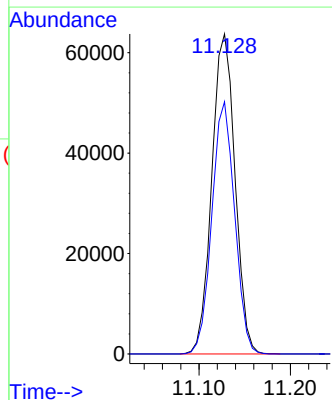
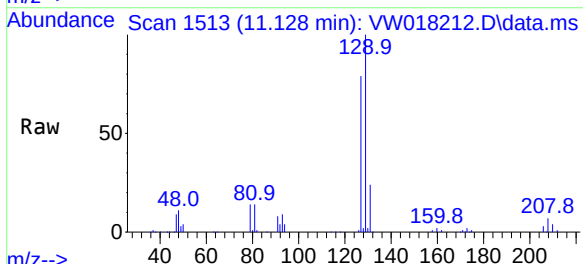
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

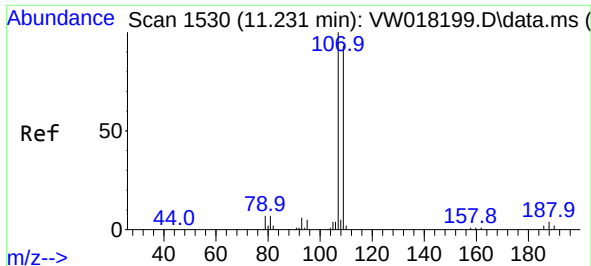
Tgt Ion:	43	Resp:	77983
Ion	Ratio	Lower	Upper
43	100		
58	62.9	51.3	76.9
57	22.0	15.0	22.6
100	16.9	12.2	18.2



#50
Dibromochloromethane
Concen: 23.09 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:	129	Resp:	112445
Ion	Ratio	Lower	Upper
129	100		
127	78.8	53.2	98.8

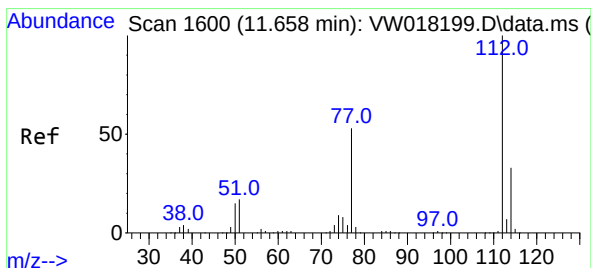
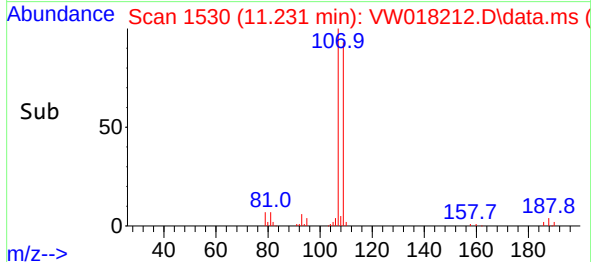
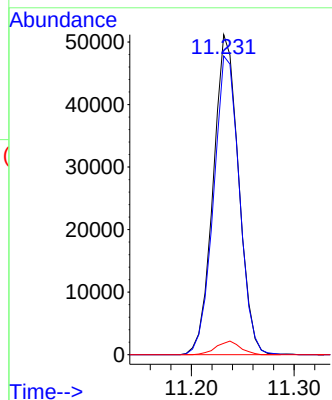
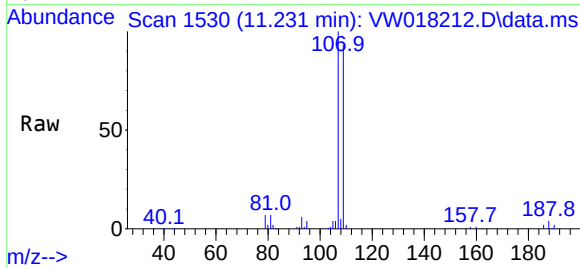




#51
1,2-Dibromoethane
Concen: 21.64 ug/L
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

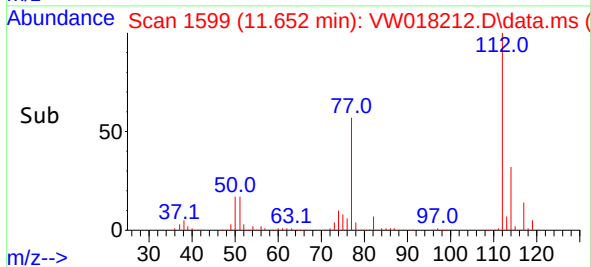
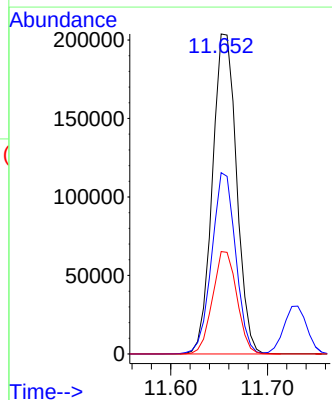
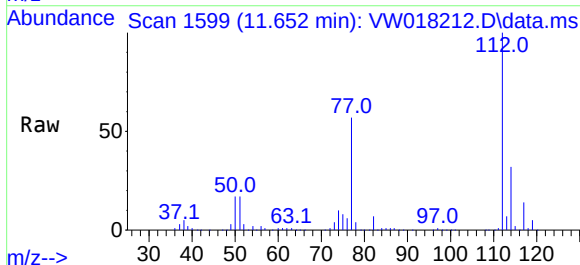
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

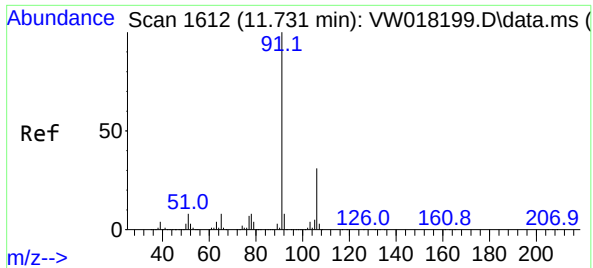
Tgt Ion:107 Resp: 87718
Ion Ratio Lower Upper
107 100
109 93.4 66.4 123.2
188 3.6 4.0 6.0#



#52
Chlorobenzene
Concen: 23.49 ug/L
RT: 11.652 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:112 Resp: 353350
Ion Ratio Lower Upper
112 100
77 56.6 42.6 64.0
114 32.0 21.6 40.2

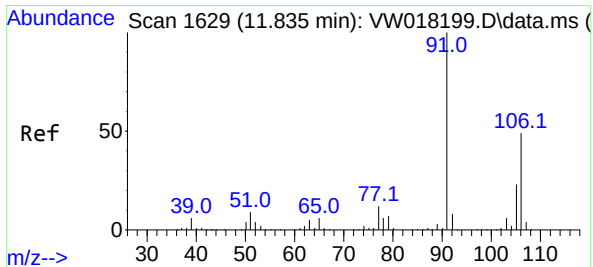
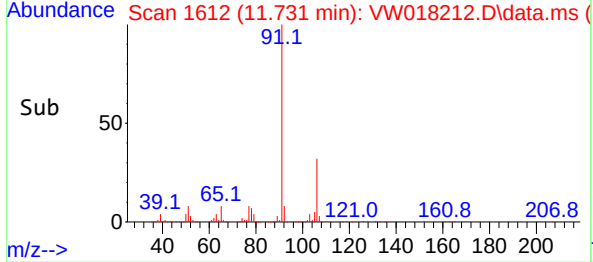
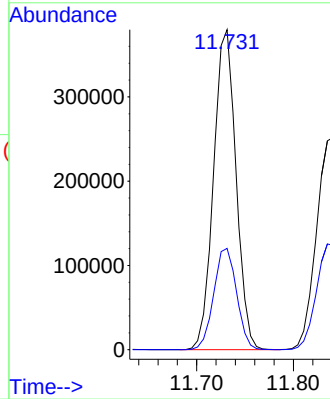
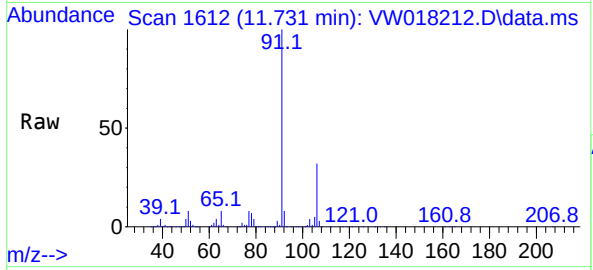




#53
Ethylbenzene
Concen: 23.57 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

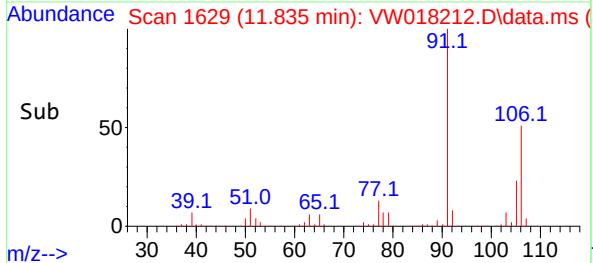
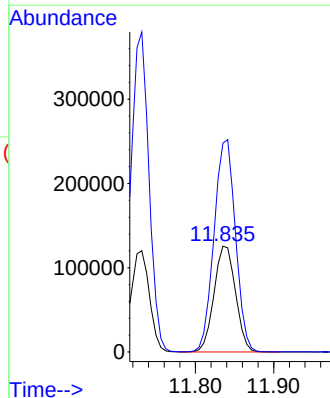
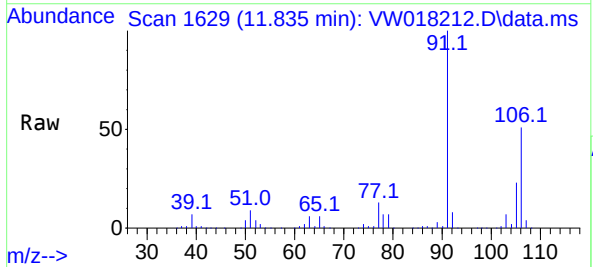
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

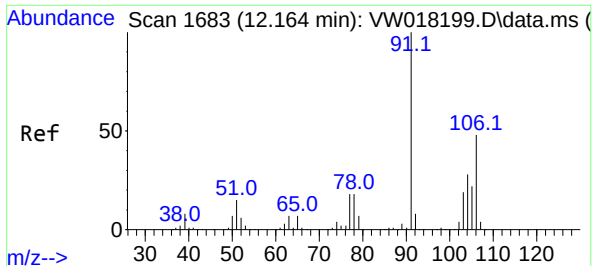
Tgt Ion: 91 Resp: 611579
Ion Ratio Lower Upper
91 100
106 31.7 21.1 39.1



#54
m,p-Xylene
Concen: 24.18 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:106 Resp: 239308
Ion Ratio Lower Upper
106 100
91 197.5 136.4 253.4

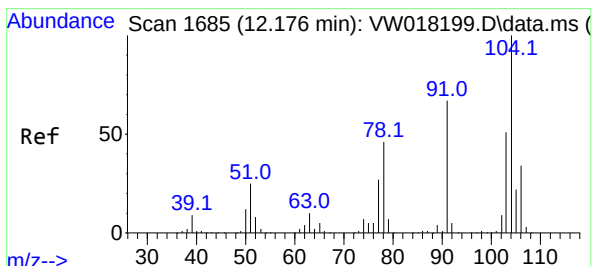
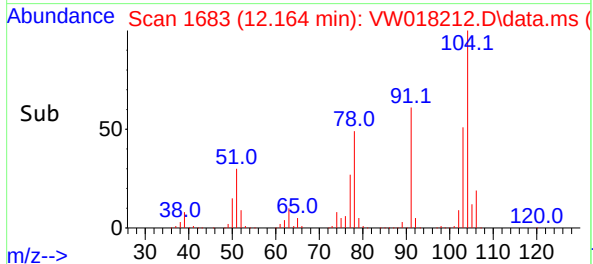
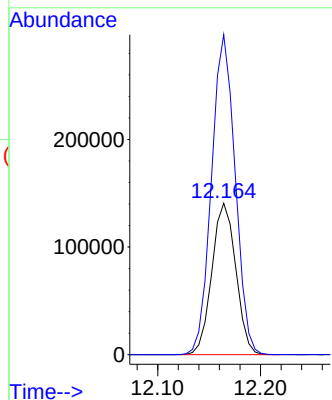
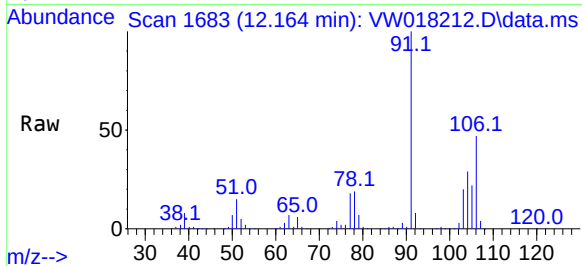




#55
o-xylene
Concen: 24.24 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

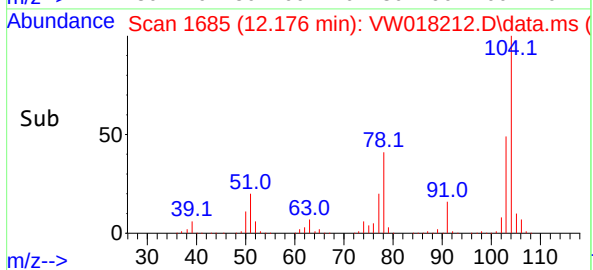
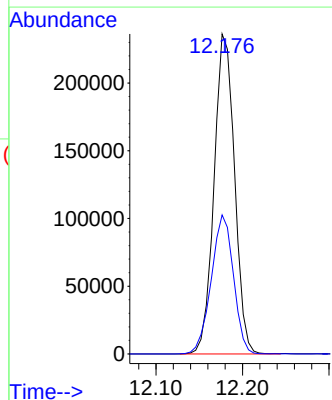
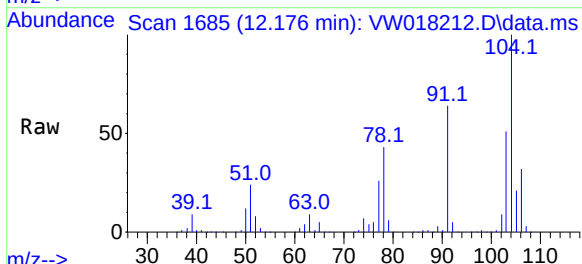
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

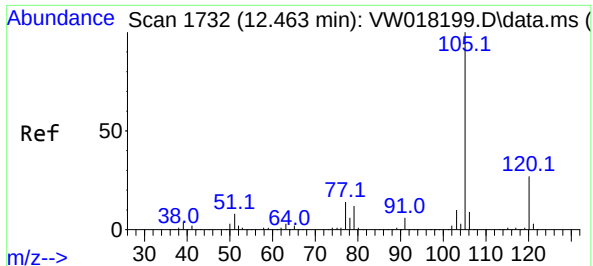
Tgt Ion:106 Resp: 227571
Ion Ratio Lower Upper
106 100
91 211.3 147.6 274.2



#56
Styrene
Concen: 24.31 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:104 Resp: 388113
Ion Ratio Lower Upper
104 100
78 43.5 31.3 58.1

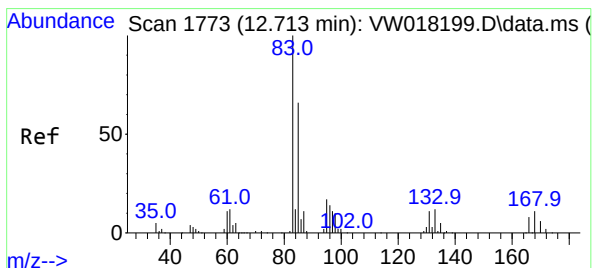
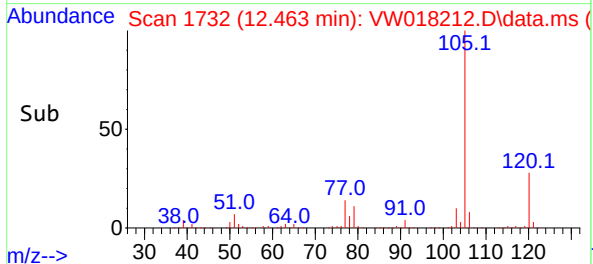
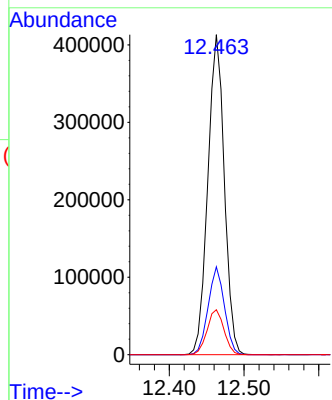
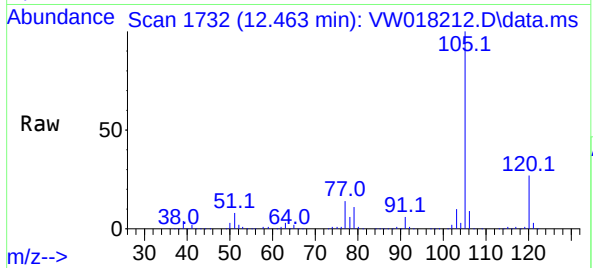




#57
Isopropylbenzene
Concen: 24.18 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

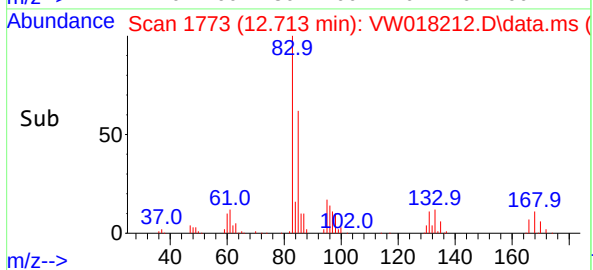
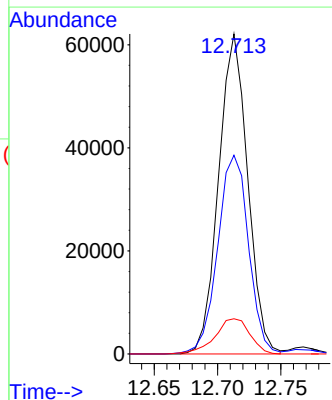
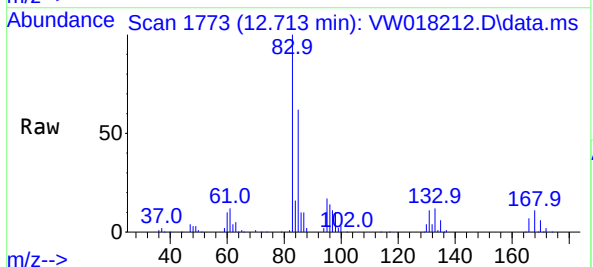
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

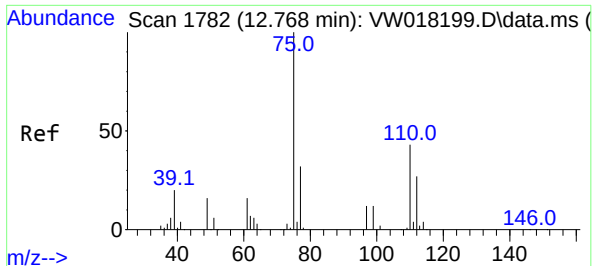
Tgt Ion:	105	Resp:	632165
Ion Ratio	Lower	Upper	
105	100		
120	27.2	21.4	32.2
77	14.4	12.1	18.1



#58
1,1,2,2-Tetrachloroethane
Concen: 20.60 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:	83	Resp:	99058
Ion Ratio	Lower	Upper	
83	100		
85	62.1	45.3	84.1
131	11.0	8.3	12.5

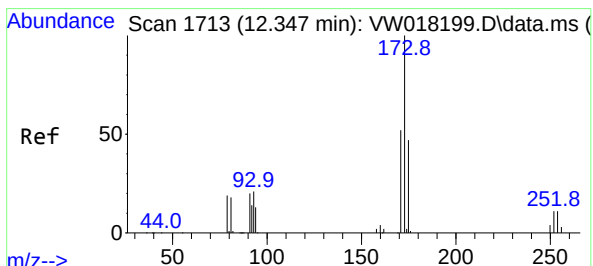
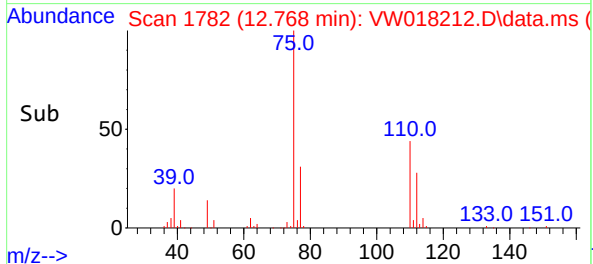
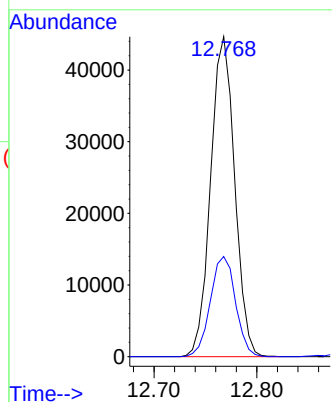
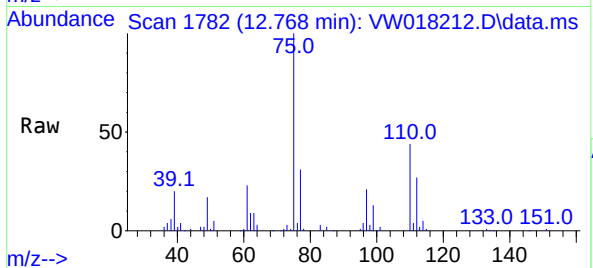




#59
1,2,3-Trichloropropane
Concen: 19.93 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

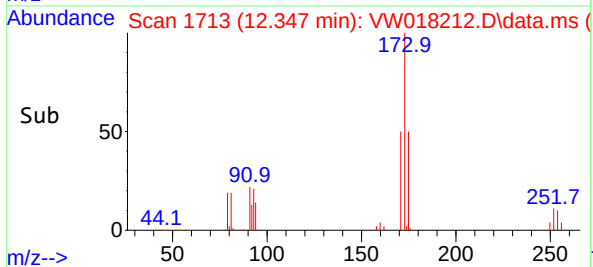
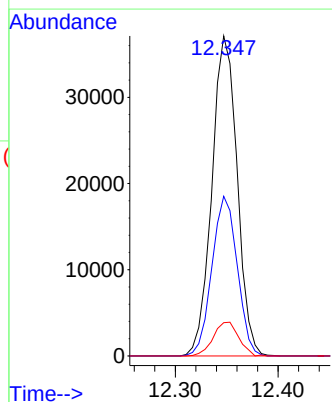
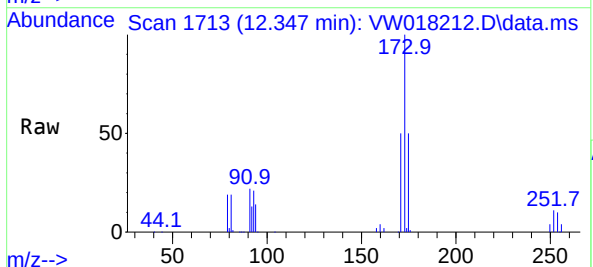
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

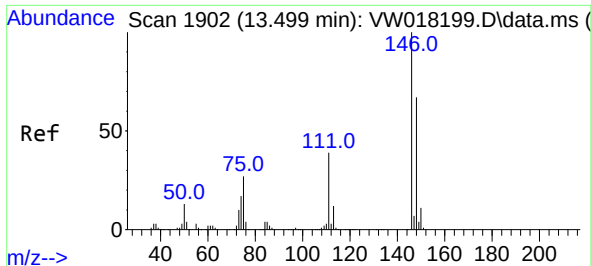
Tgt Ion: 75 Resp: 72585
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8



#62
Bromoform
Concen: 21.10 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:173 Resp: 63435
Ion Ratio Lower Upper
173 100
175 49.9 39.1 58.7
254 10.6 7.1 10.7

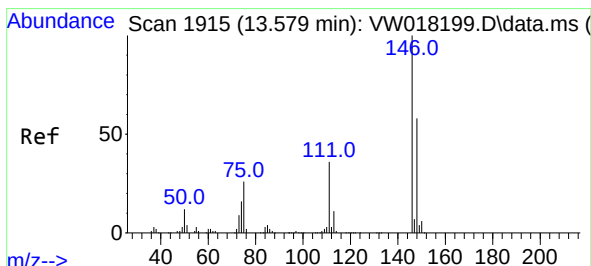
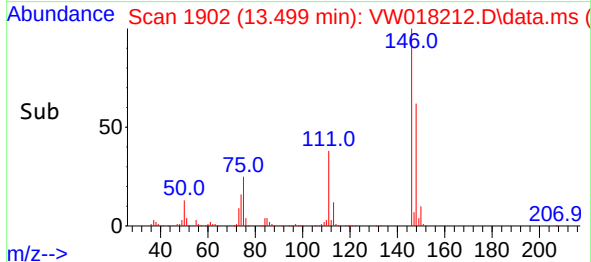
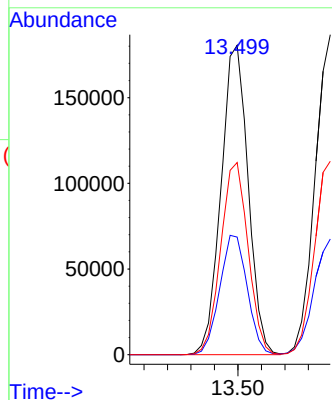
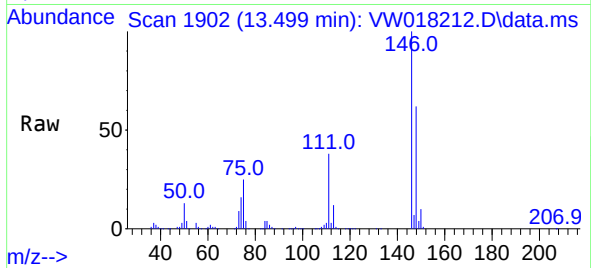




#63
1,3-Dichlorobenzene
Concen: 23.30 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

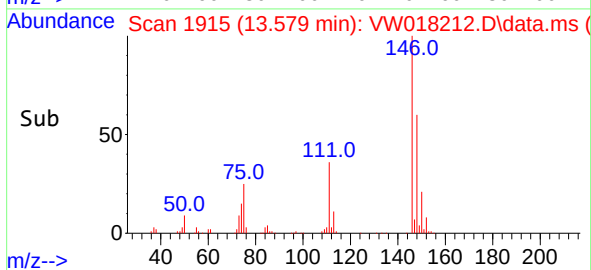
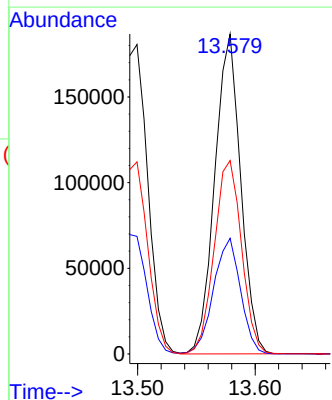
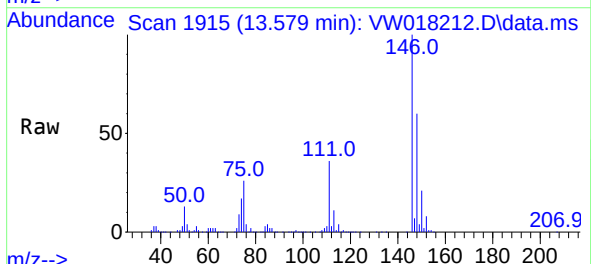
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

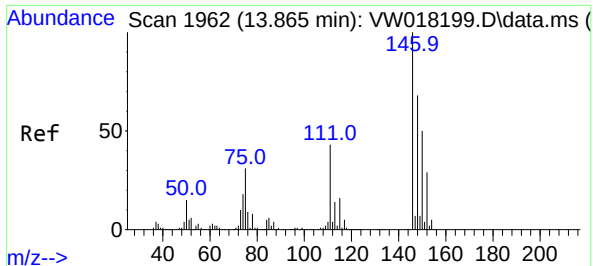
Tgt Ion:146 Resp: 289754
Ion Ratio Lower Upper
146 100
111 38.0 28.5 52.9
148 62.1 47.8 88.8



#64
1,4-Dichlorobenzene
Concen: 22.97 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:146 Resp: 287183
Ion Ratio Lower Upper
146 100
111 36.2 27.7 51.5
148 60.4 47.0 87.2

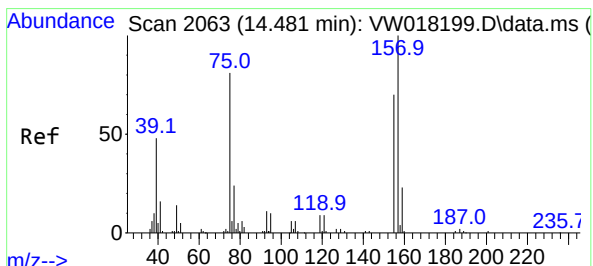
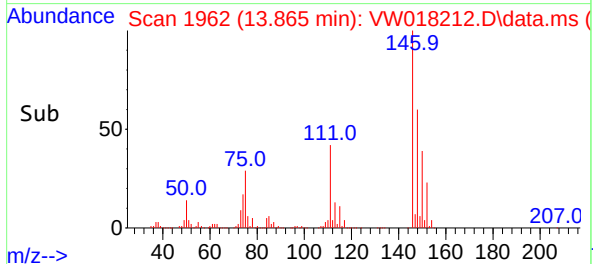
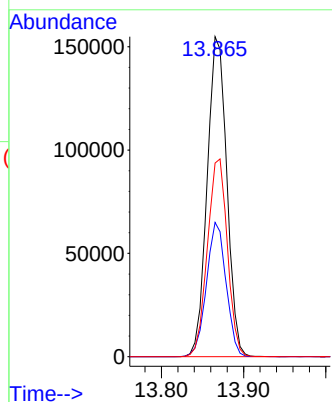
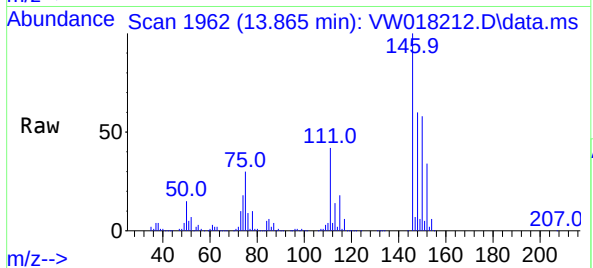




#65
1,2-Dichlorobenzene
Concen: 22.91 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

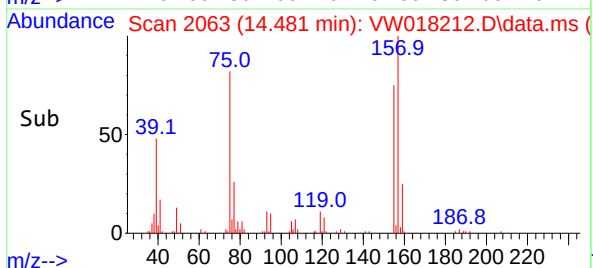
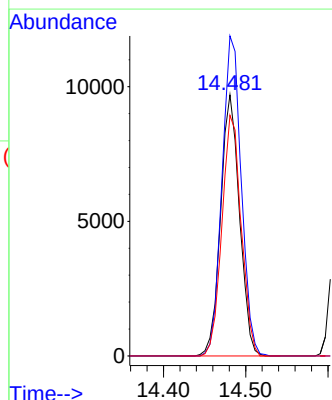
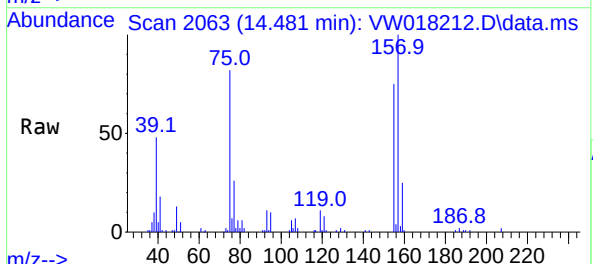
Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

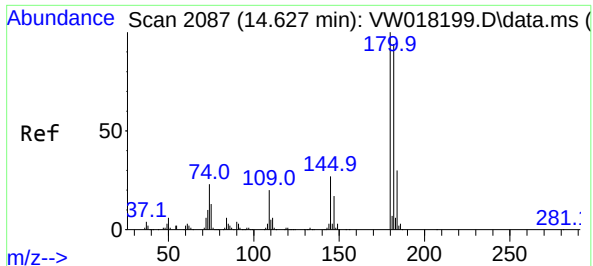
Tgt Ion:146 Resp: 256865
Ion Ratio Lower Upper
146 100
111 42.0 31.7 47.5
148 60.5 49.3 73.9



#66
1,2-Dibromo-3-chloropropane
Concen: 18.21 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion: 75 Resp: 15464
Ion Ratio Lower Upper
75 100
157 122.5 99.9 149.9
155 92.1 71.4 107.0



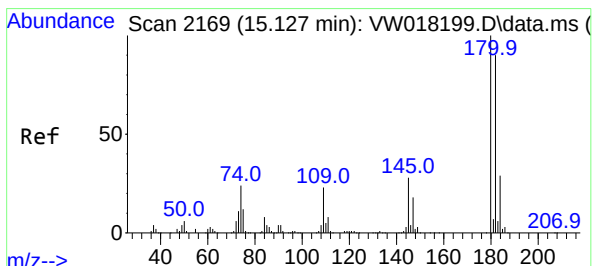
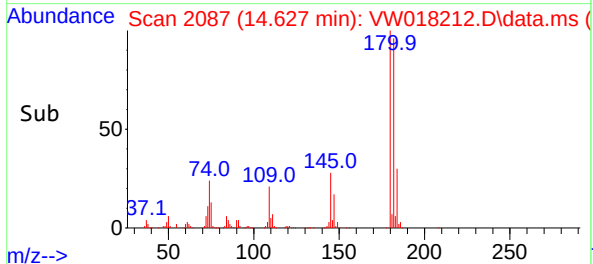
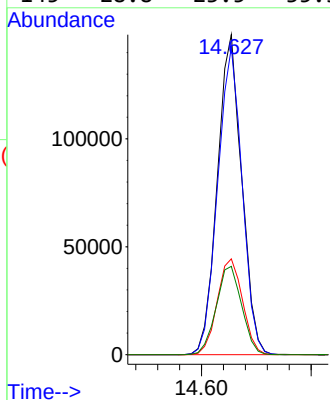
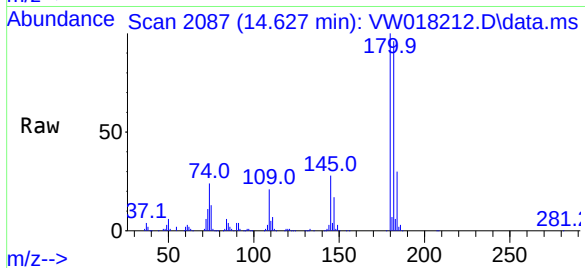


#67
1,3,5-Trichlorobenzene
Concen: 23.94 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

Tgt Ion:180 Resp: 228661

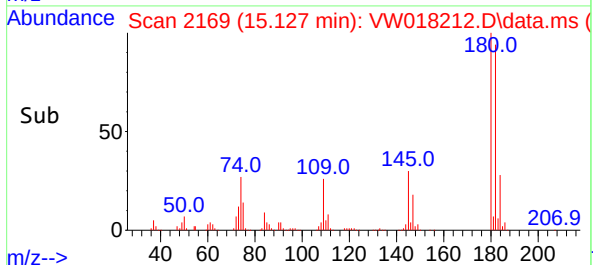
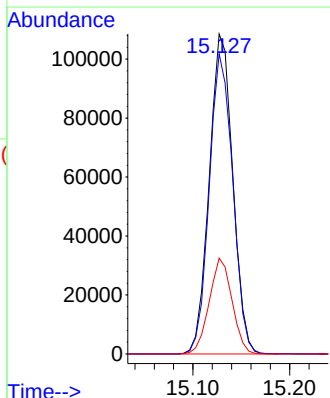
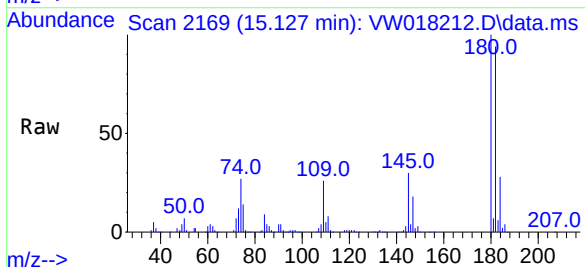
Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.6
184	31.1	24.2	36.4
145	28.8	23.5	35.3

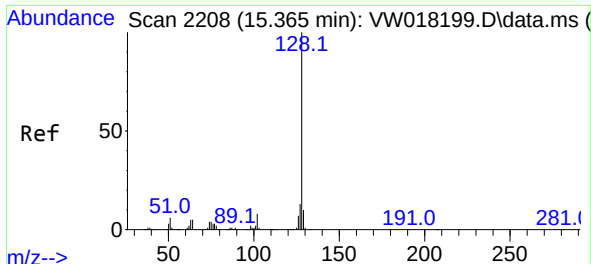


#68
1,2,4-trichlorobenzene
Concen: 23.03 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:180 Resp: 183391

Ion	Ratio	Lower	Upper
180	100		
182	93.7	71.3	106.9
145	29.0	24.0	36.0

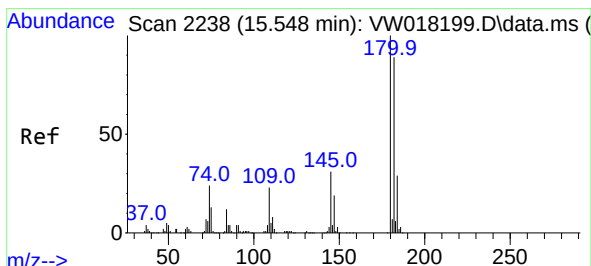
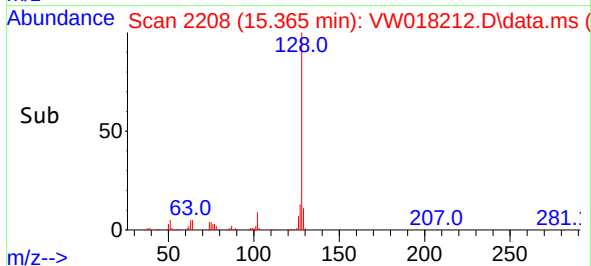
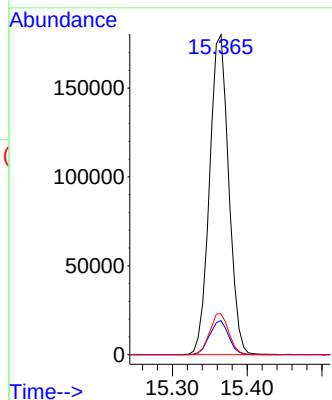
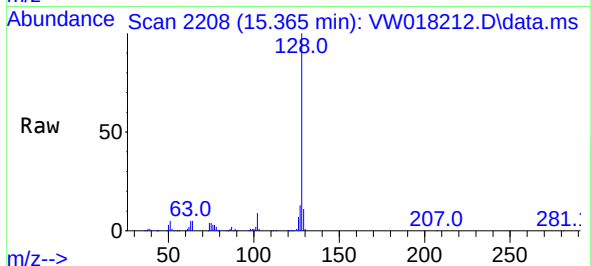




#69
Naphthalene
Concen: 20.72 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Instrument :
MSVOA_W
ClientSampleId :
VSTD02532

Tgt Ion:128 Resp: 321078
Ion Ratio Lower Upper
128 100
129 10.6 8.7 13.1
127 12.8 10.7 16.1



#70
1,2,3-Trichlorobenzene
Concen: 22.14 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018212.D
Acq: 19 Feb 2021 15:03

Tgt Ion:180 Resp: 157143
Ion Ratio Lower Upper
180 100
182 94.6 74.7 112.1
145 31.9 25.4 38.0

