

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022321\Not Reviewed Data\
 Data File : VW018222.D
 Acq On : 23 Feb 2021 11:36
 Operator : SY/VA
 Sample : VSTD00506
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005106

Quant Time: Feb 23 19:00:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 23 18:34:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	440363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	405607	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	208919	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	23616	4.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.40%#
7) Chloroethane-d5	2.898	69	18729	4.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	19.64%#
11) 1,1-Dichloroethene-d2	4.025	63	48816	4.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	19.76%#
21) 2-Butanone-d5	7.086	46	10568	9.99	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.98%#
24) Chloroform-d	7.653	84	54578	5.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	20.44%#
26) 1,2-Dichloroethane-d4	8.305	65	27464	5.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	20.60%#
32) Benzene-d6	8.275	84	104937	4.97	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	19.88%#
36) 1,2-Dichloropropane-d6	9.274	67	29751	5.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	20.32%#
41) Toluene-d8	10.323	98	101853	5.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	20.12%#
43) trans-1,3-Dichloroprop...	10.579	79	12710	4.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	19.24%#
47) 2-Hexanone-d5	10.927	63	8864	9.54	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	19.08%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25243	5.27	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	21.08%#
66) 1,2-Dichlorobenzene-d4	13.853	152	39104	5.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	20.44%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	24941	4.76	ug/L	96
3) Chloromethane	2.215	50	20527	5.11	ug/L	97
5) Vinyl chloride	2.367	62	29982	5.19	ug/L	97
6) Bromomethane	2.782	94	20510	5.12	ug/L	99
8) Chloroethane	2.928	64	16116	4.99	ug/L	96
9) Trichlorofluoromethane	3.263	101	19507	4.72	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	28779	5.11	ug/L #	78
12) 1,1-Dichloroethene	4.044	96	27476	5.04	ug/L	91
13) Acetone	4.135	43	7541	10.57	ug/L	86
14) Carbon disulfide	4.391	76	79837	4.79	ug/L	99
15) Methyl Acetate	4.678	43	9375	5.02	ug/L	95
16) Methylene chloride	4.915	84	15971	2.67	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	29260	5.03	ug/L	91
18) Methyl tert-butyl Ether	5.428	73	30560	5.27	ug/L #	94
19) 1,1-Dichloroethane	6.220	63	46250	5.08	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	30003	4.96	ug/L	85
22) 2-Butanone	7.177	43	11495	10.13	ug/L	93
23) Bromochloromethane	7.513	128	14839	5.15	ug/L #	81
25) Chloroform	7.677	83	50178	5.06	ug/L	96

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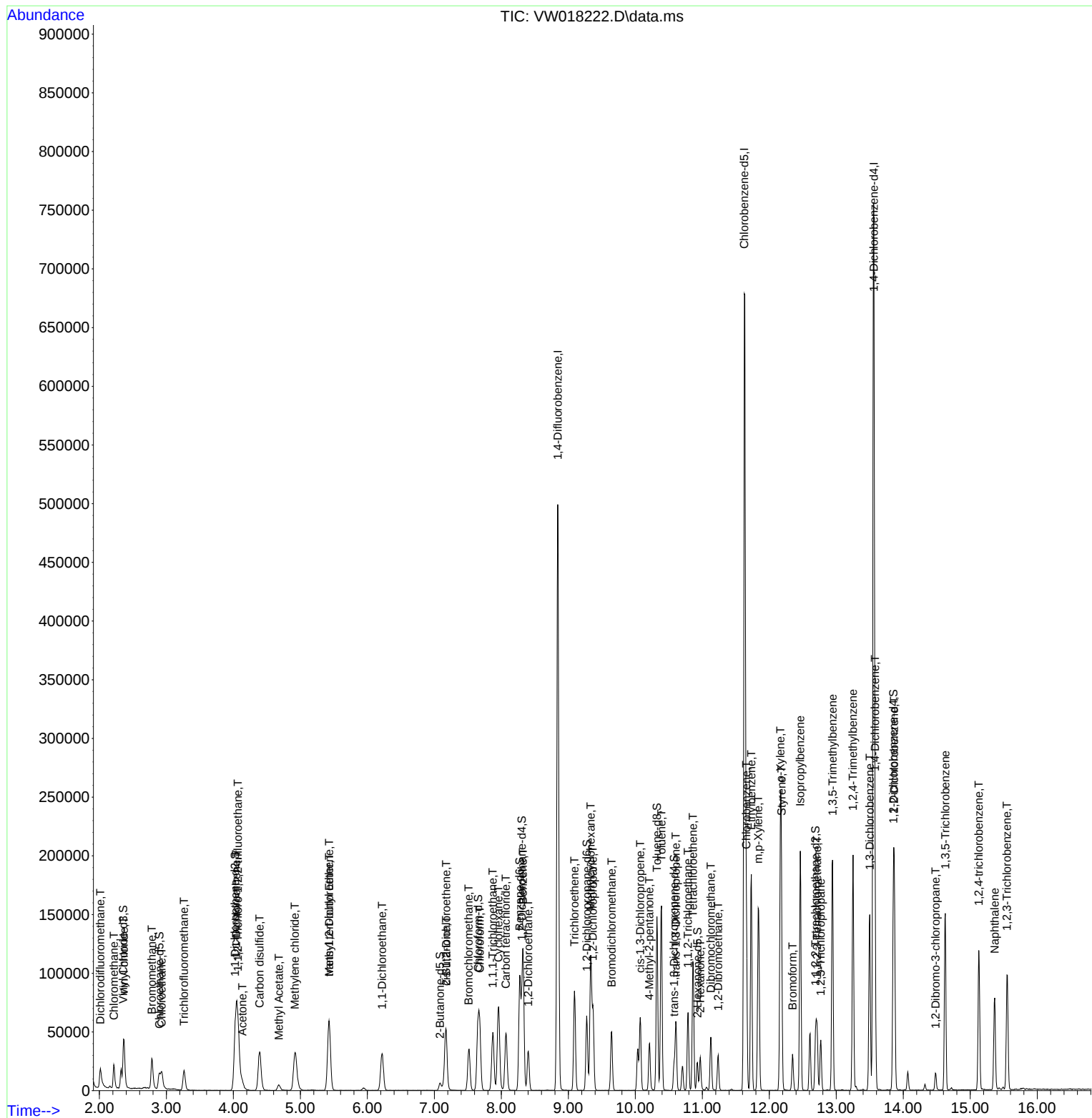
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	31464	5.24	ug/L #	94
29) Cyclohexane	7.958	56	40091	4.93	ug/L	94
30) 1,1,1-Trichloroethane	7.872	97	40783	5.00	ug/L	96
31) Carbon tetrachloride	8.067	117	39878	5.05	ug/L	99
33) Benzene	8.323	78	109710	5.07	ug/L	100
34) Trichloroethene	9.092	95	30568	5.05	ug/L	90
35) Methylcyclohexane	9.335	83	50501	5.04	ug/L	97
37) 1,2-Dichloropropane	9.366	63	25472	5.09	ug/L #	96
38) Bromodichloromethane	9.646	83	34544	4.93	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	38805	4.84	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	25531	10.05	ug/L #	93
42) Toluene	10.390	91	119809	5.02	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	33122	4.81	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	21302	5.20	ug/L	97
46) Tetrachloroethene	10.860	164	27399	5.10	ug/L	95
48) 2-Hexanone	10.969	43	17418	10.04	ug/L #	95
49) Dibromochloromethane	11.128	129	24588	4.86	ug/L	92
50) 1,2-Dibromoethane	11.238	107	20047	4.99	ug/L #	96
51) Chlorobenzene	11.658	112	80973	5.08	ug/L	92
52) Ethylbenzene	11.731	91	134699	5.00	ug/L	96
53) m,p-Xylene	11.835	106	52976	5.04	ug/L	97
54) o-Xylene	12.164	106	48785	4.91	ug/L	94
55) Styrene	12.182	104	83675	5.02	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	24015	5.24	ug/L	99
59) Bromoform	12.347	173	14263	4.80	ug/L #	98
60) Isopropylbenzene	12.463	105	133252	4.89	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	18056	5.28	ug/L	98
62) 1,3,5-Trimethylbenzene	12.945	105	112463	4.92	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	109876	4.82	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	65623	5.01	ug/L	91
65) 1,4-Dichlorobenzene	13.579	146	66529	5.07	ug/L	94
67) 1,2-Dichlorobenzene	13.865	146	59987	5.10	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	3722	5.01	ug/L #	71
69) 1,3,5-Trichlorobenzene	14.627	180	52231	5.18	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	41640	4.99	ug/L	98
71) Naphthalene	15.365	128	70392	4.81	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	35701	4.89	ug/L	96

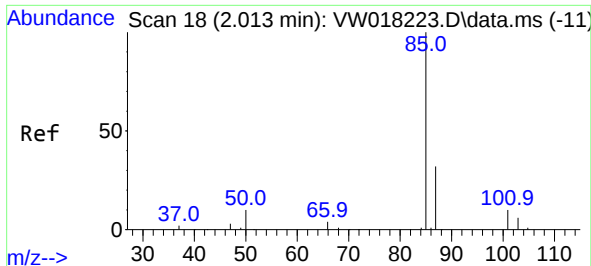
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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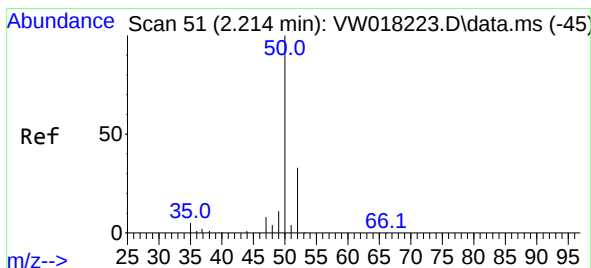
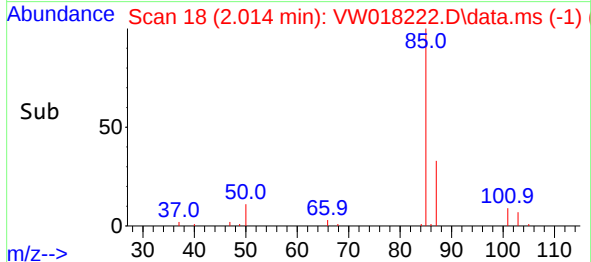
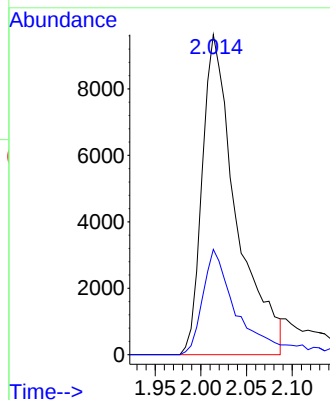
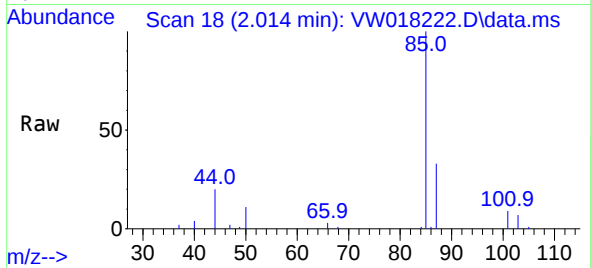




#2
Dichlorodifluoromethane
Concen: 4.76 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

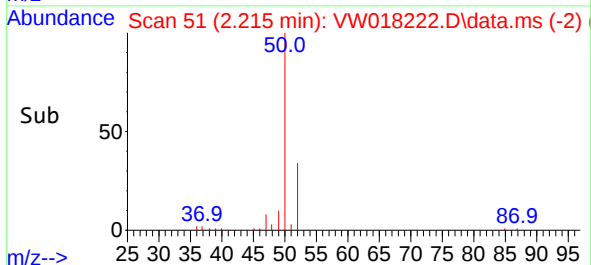
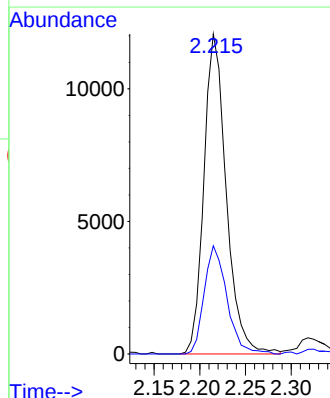
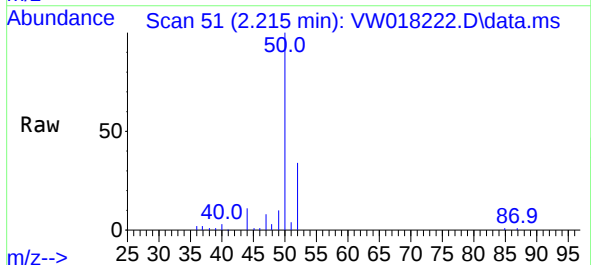
Instrument :
MSVOA_W
ClientSampleId :
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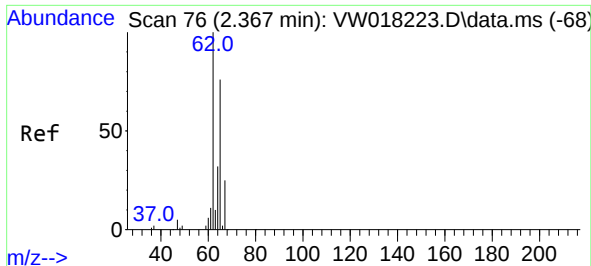
Tgt Ion: 85 Resp: 24941
Ion Ratio Lower Upper
85 100
87 31.5 23.3 34.9



#3
Chloromethane
Concen: 5.11 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 50 Resp: 20527
Ion Ratio Lower Upper
50 100
52 33.8 22.5 41.9

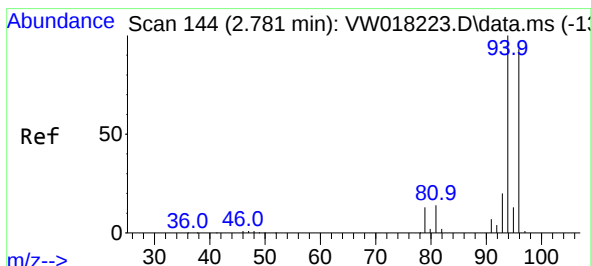
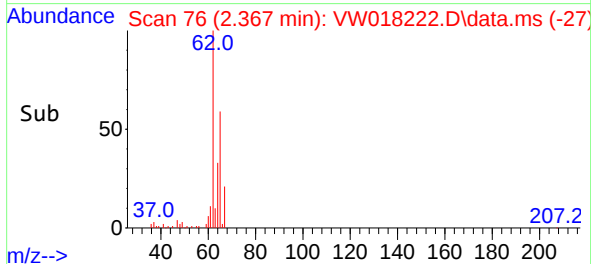
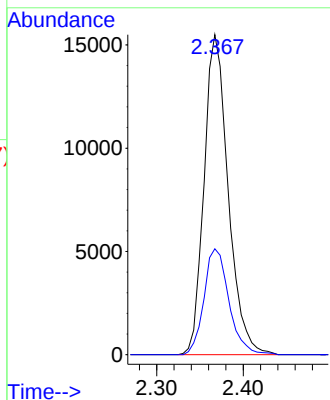
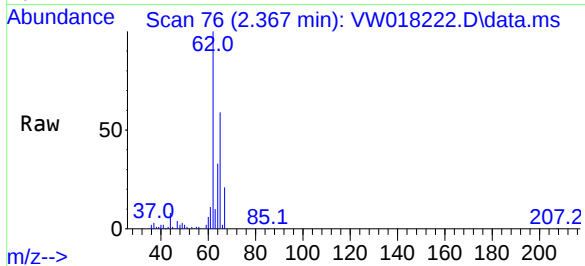




#5
 Vinyl chloride
 Concen: 5.19 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018222.D
 Acq: 23 Feb 2021 11:36

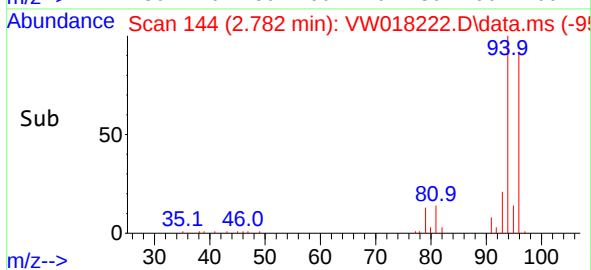
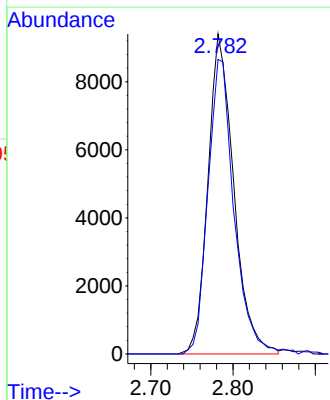
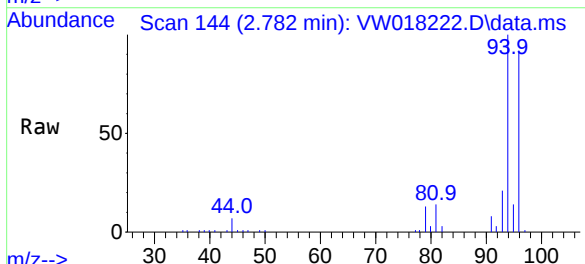
Instrument :
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 ClientSampleId :
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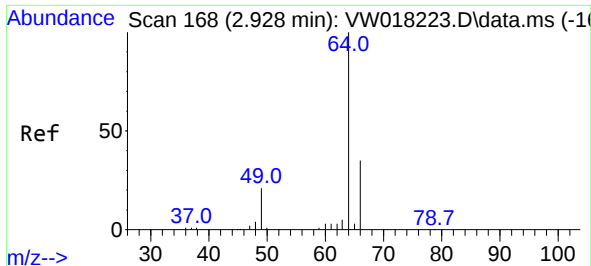
Tgt Ion: 62 Resp: 29982
 Ion Ratio Lower Upper
 62 100
 64 33.1 24.2 45.0



#6
 Bromomethane
 Concen: 5.12 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW018222.D
 Acq: 23 Feb 2021 11:36

Tgt Ion: 94 Resp: 20510
 Ion Ratio Lower Upper
 94 100
 96 92.1 65.3 121.3

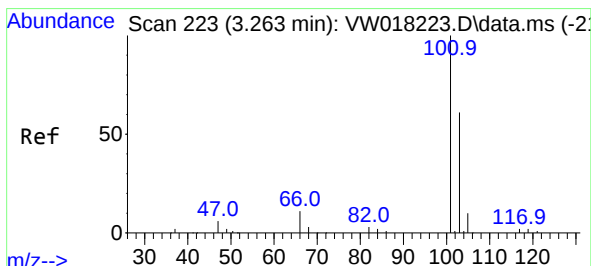
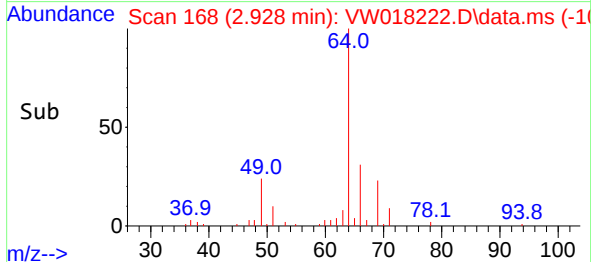
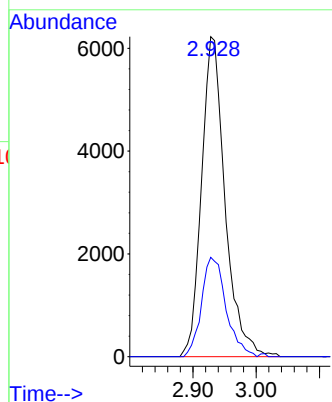
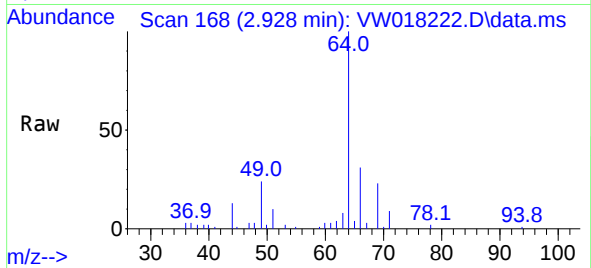




#8
Chloroethane
Concen: 4.99 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

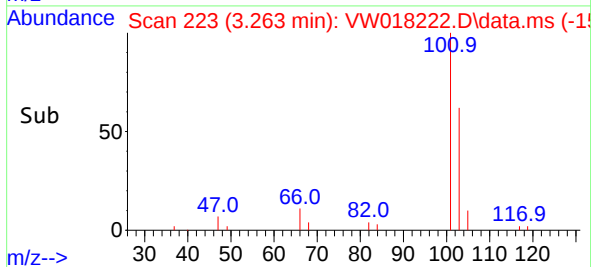
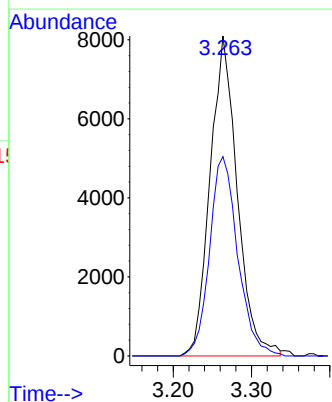
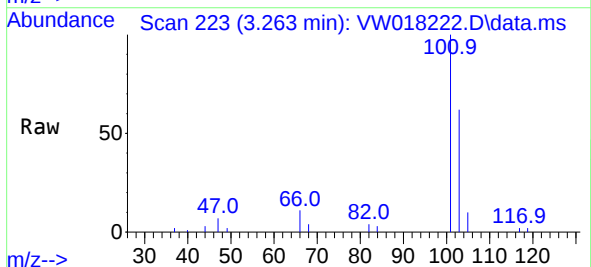
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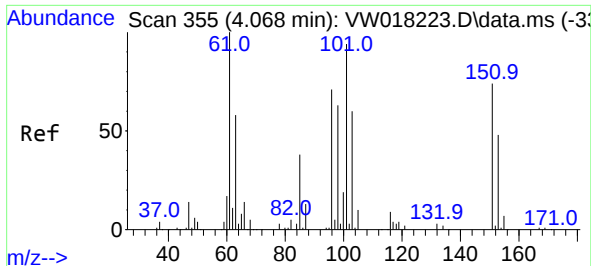
Tgt Ion: 64 Resp: 16116
Ion Ratio Lower Upper
64 100
66 31.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.72 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 101 Resp: 19507
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4

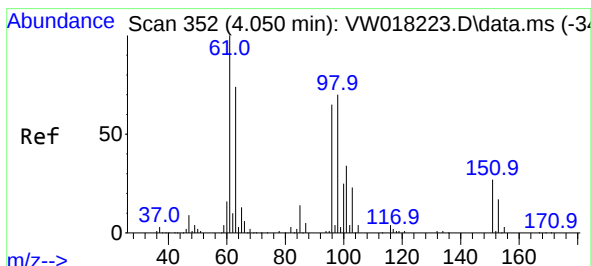
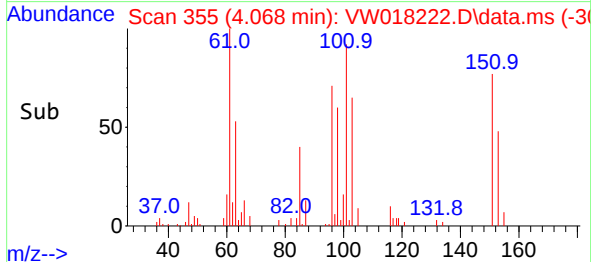
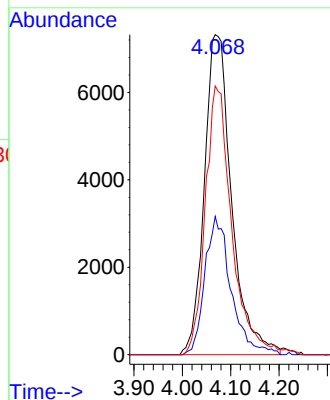
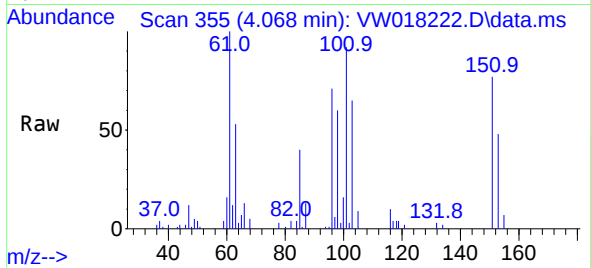




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.11 ug/L
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

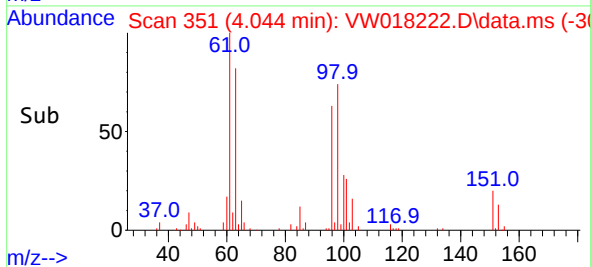
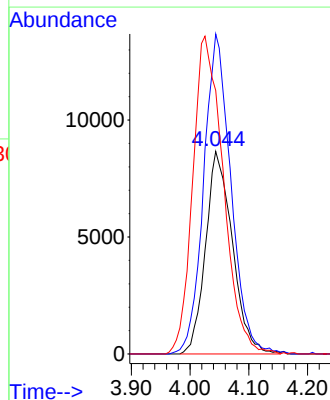
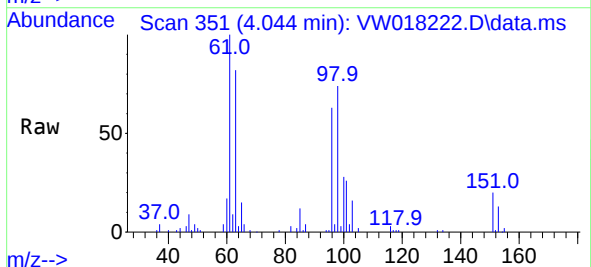
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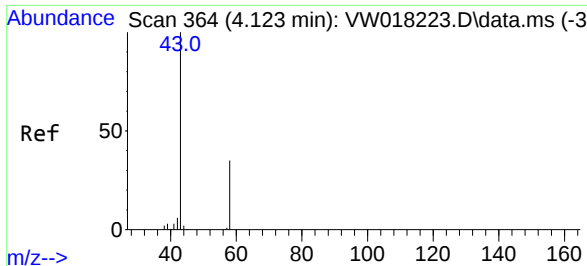
Tgt Ion:101 Resp: 28779
Ion Ratio Lower Upper
101 100
85 22.0 38.2 57.2#
151 80.2 56.6 85.0



#12
1,1-Dichloroethene
Concen: 5.04 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW018222.D
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Tgt Ion: 96 Resp: 27476
Ion Ratio Lower Upper
96 100
61 158.0 118.1 219.3
63 130.1 83.7 155.5

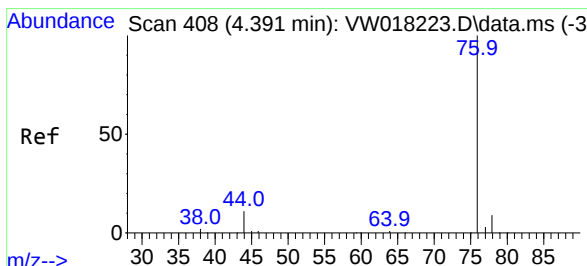
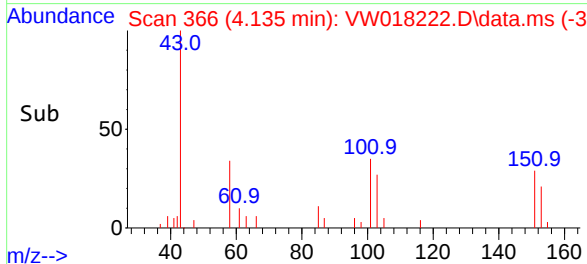
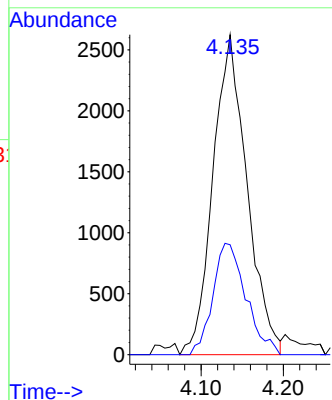
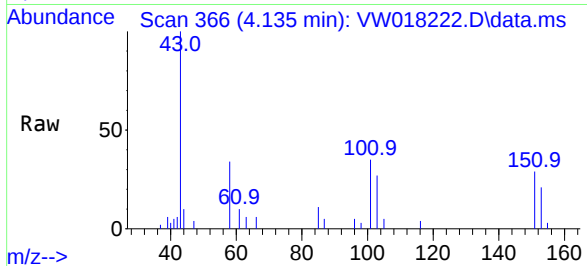




#13
Acetone
Concen: 10.57 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
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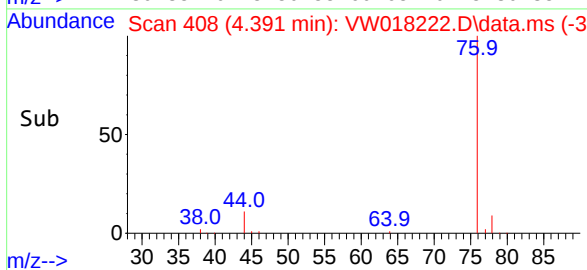
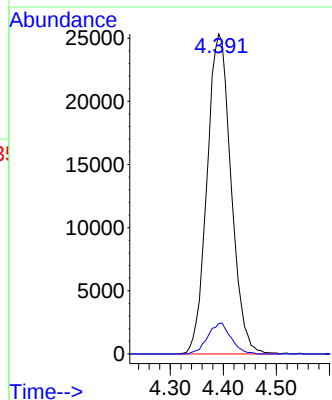
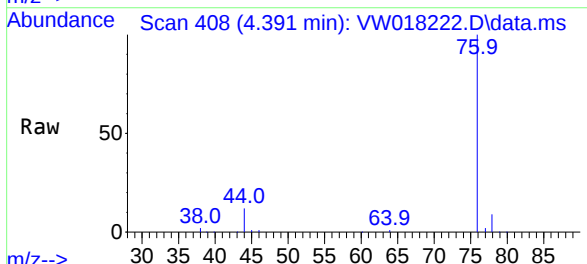
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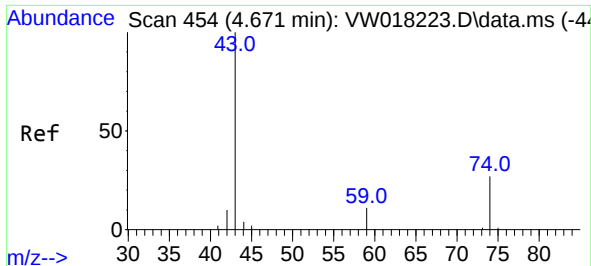
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Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8



#14
Carbon disulfide
Concen: 4.79 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 79837
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

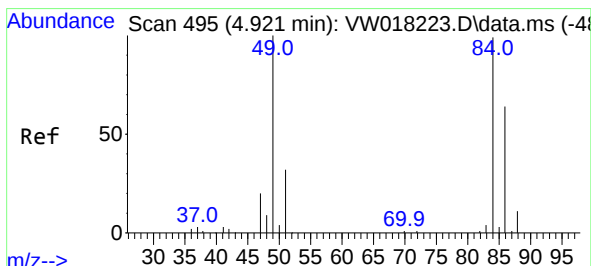
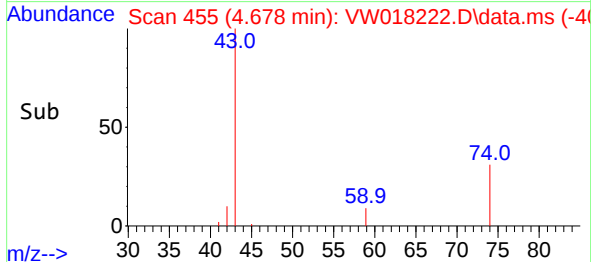
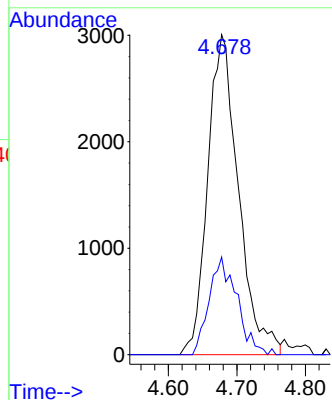
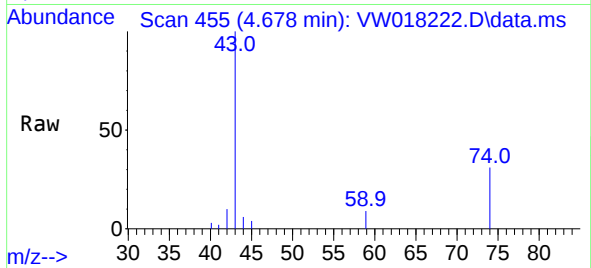




#15
Methyl Acetate
Concen: 5.02 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

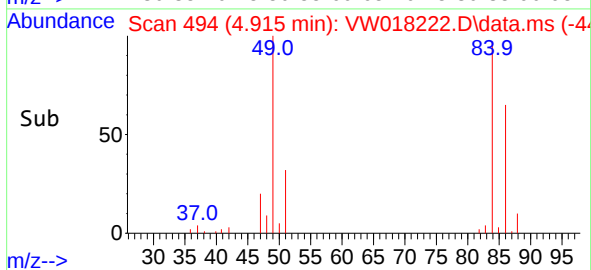
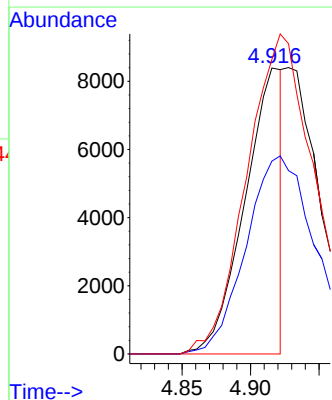
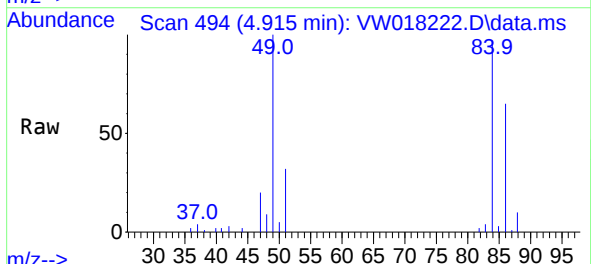
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

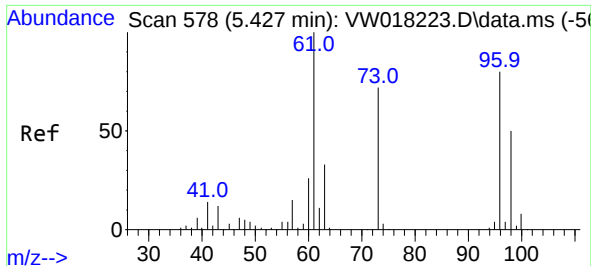
Tgt Ion: 43 Resp: 9375
Ion Ratio Lower Upper
43 100
74 27.5 20.0 30.0



#16
Methylene chloride
Concen: 2.67 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 84 Resp: 15971
Ion Ratio Lower Upper
84 100
86 67.4 45.3 84.1
49 103.0 86.6 160.8

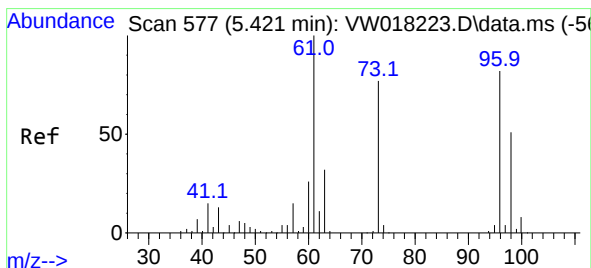
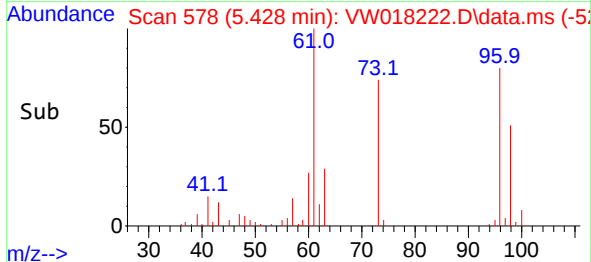
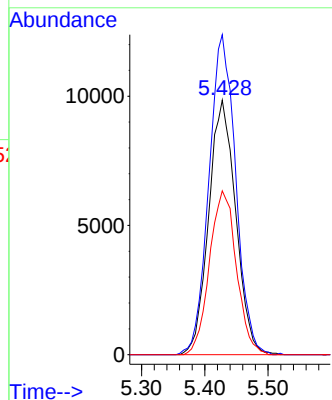
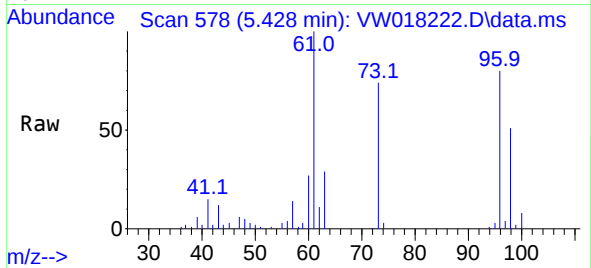




#17
trans-1,2-Dichloroethene
Concen: 5.03 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

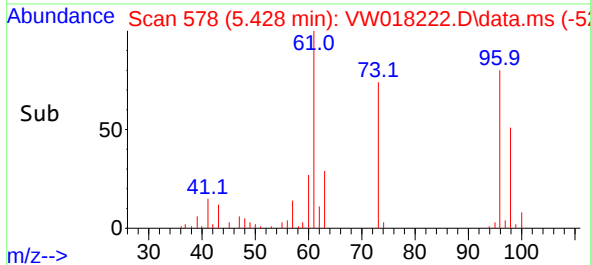
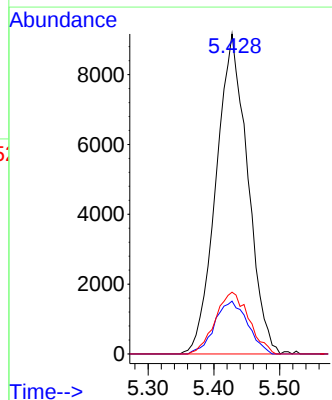
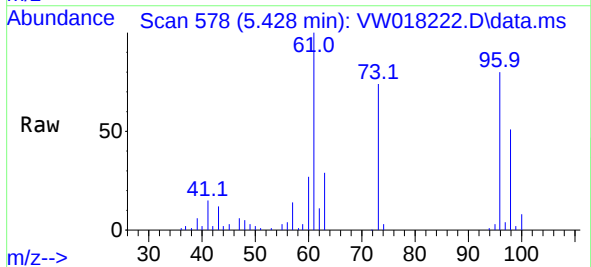
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

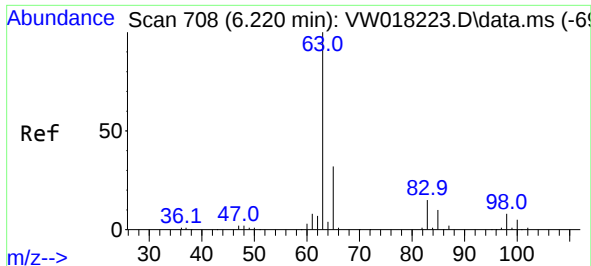
Tgt Ion: 96 Resp: 29260
Ion Ratio Lower Upper
96 100
61 125.7 98.3 182.7
98 64.4 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 5.27 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 73 Resp: 30560
Ion Ratio Lower Upper
73 100
43 17.2 17.7 26.5#
57 20.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 5.08 ug/L

RT: 6.220 min Scan# 708

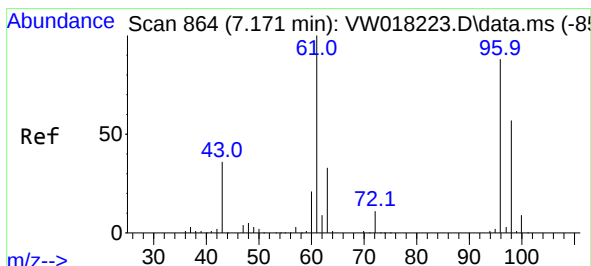
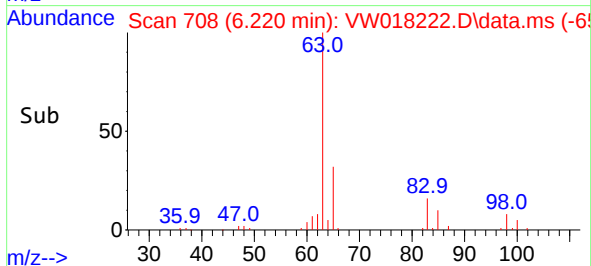
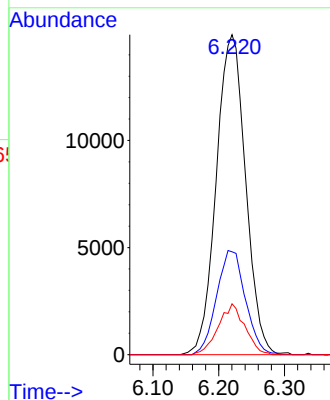
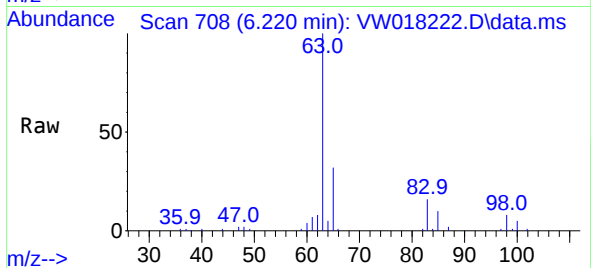
Delta R.T. 0.000 min

Lab File: VW018222.D

Acq: 23 Feb 2021 11:36

Tgt Ion:	63	Resp:	46250
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.9	42.5
83	15.9	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
VSTD005106



#20

cis-1,2-Dichloroethene

Concen: 4.96 ug/L

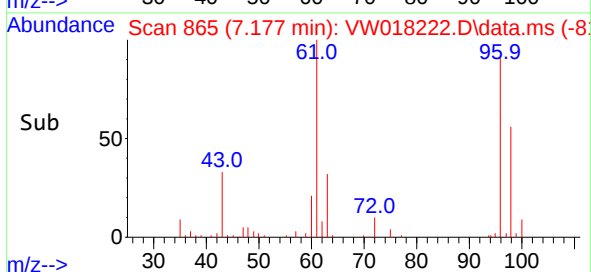
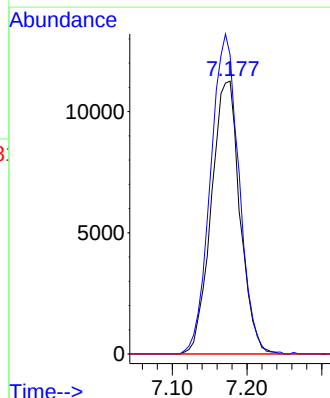
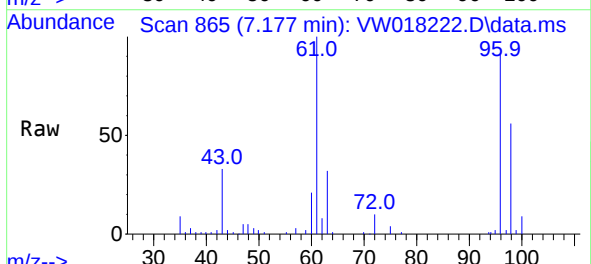
RT: 7.177 min Scan# 865

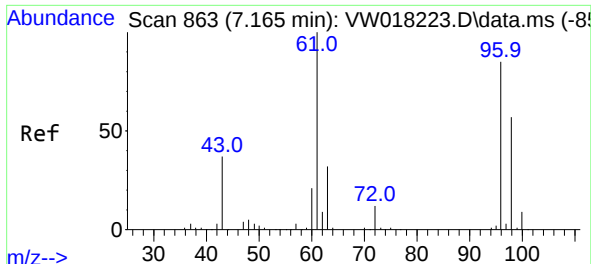
Delta R.T. 0.006 min

Lab File: VW018222.D

Acq: 23 Feb 2021 11:36

Tgt Ion:	96	Resp:	30003
Ion	Ratio	Lower	Upper
96	100		
61	109.5	88.5	164.3
68	0.0	0.0	0.0

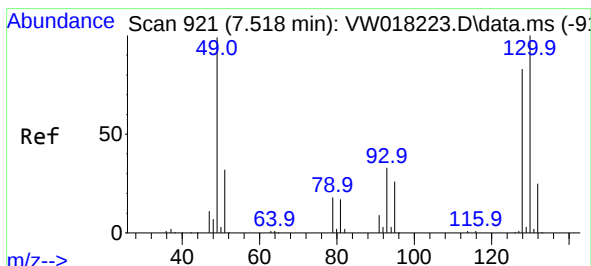
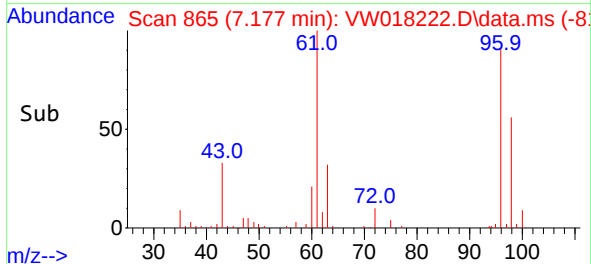
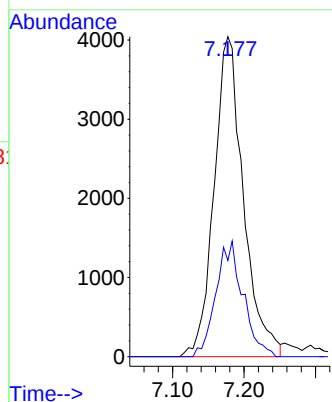
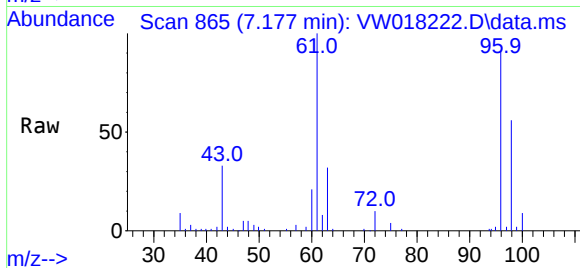




#22
2-Butanone
Concen: 10.13 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

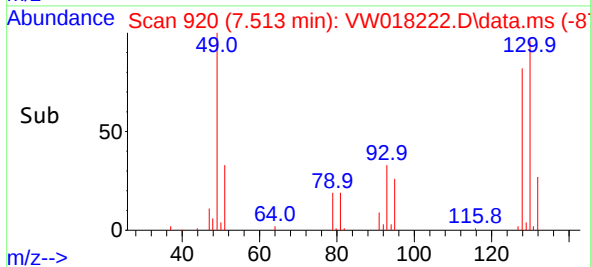
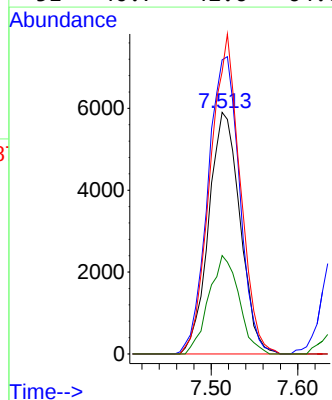
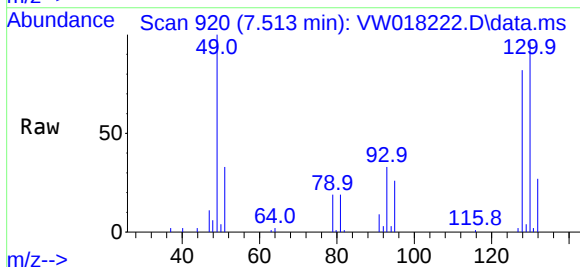
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

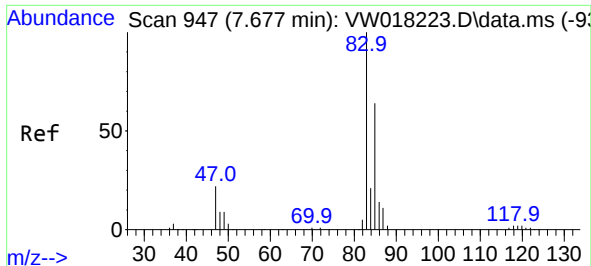
Tgt Ion: 43 Resp: 11495
Ion Ratio Lower Upper
43 100
72 33.3 14.9 44.7



#23
Bromochloromethane
Concen: 5.15 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 128 Resp: 14839
Ion Ratio Lower Upper
128 100
49 121.7 116.3 215.9
130 116.8 82.4 153.0
51 40.7 42.6 64.0#

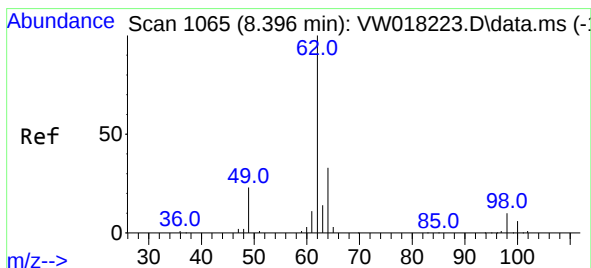
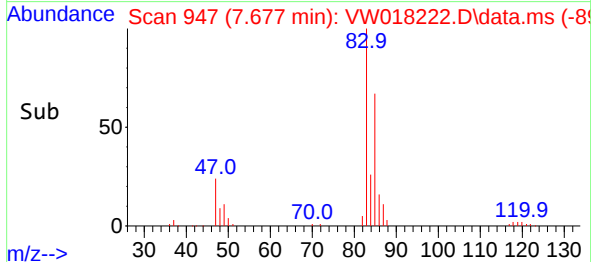
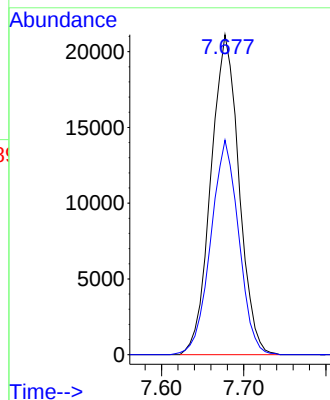
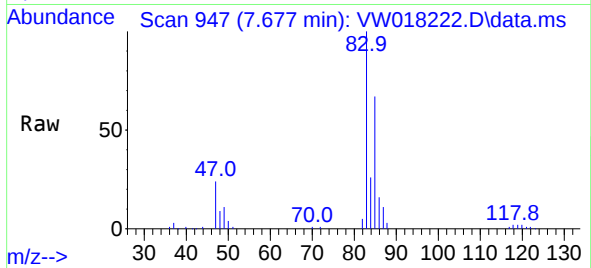




#25
Chloroform
Concen: 5.06 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

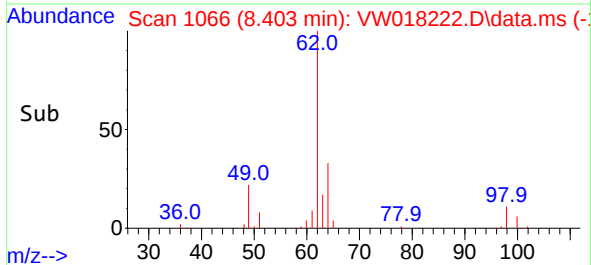
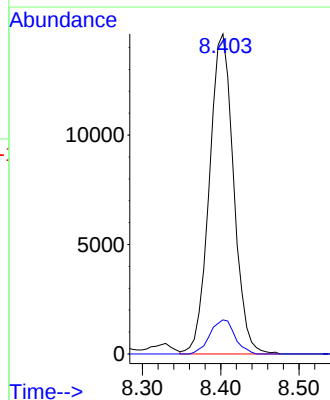
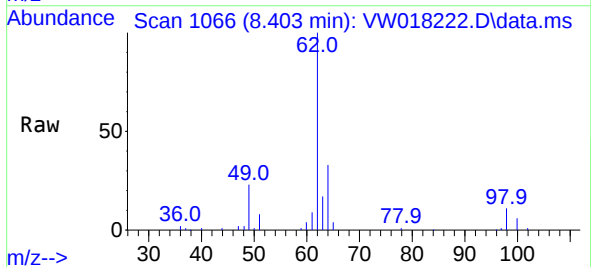
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

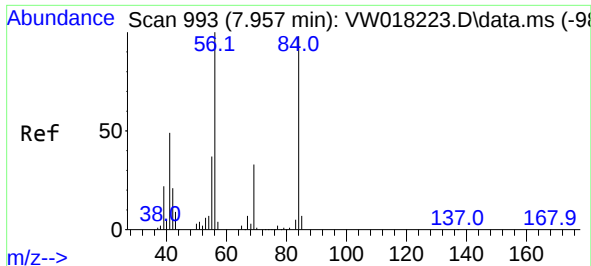
Tgt Ion: 83 Resp: 50178
Ion Ratio Lower Upper
83 100
85 67.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 5.24 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

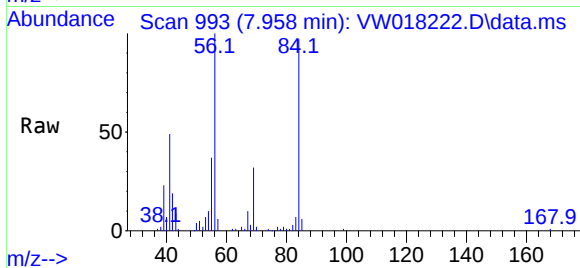
Tgt Ion: 62 Resp: 31464
Ion Ratio Lower Upper
62 100
98 10.6 6.9 10.3#





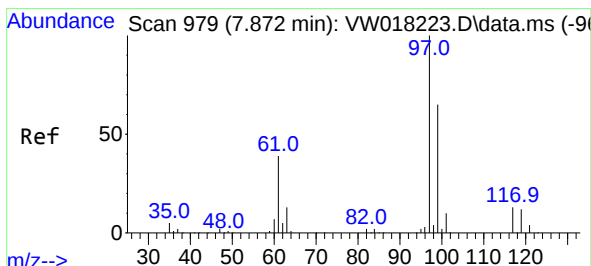
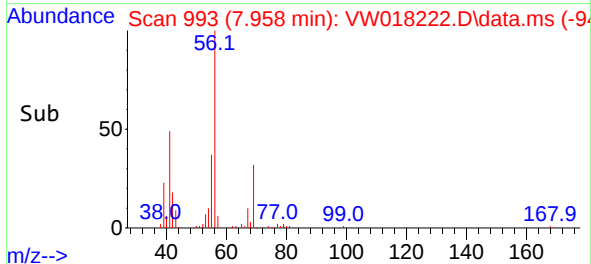
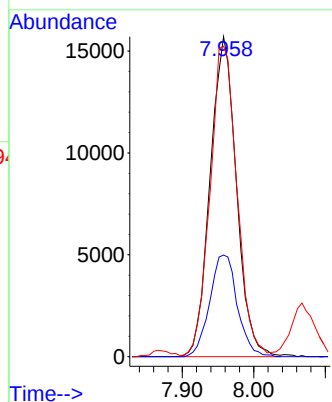
#29
Cyclohexane
Concen: 4.93 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD005106



Tgt Ion: 56 Resp: 40091

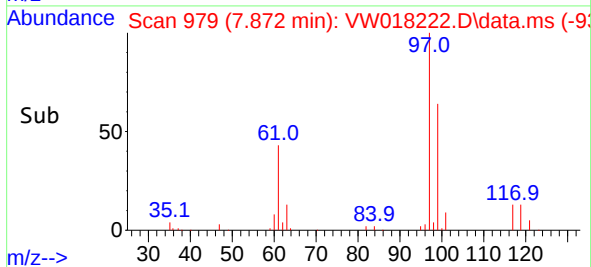
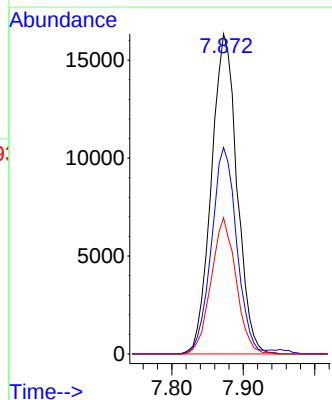
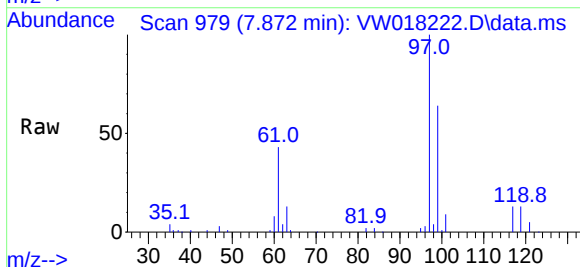
Ion	Ratio	Lower	Upper
56	100		
69	33.3	24.5	36.7
84	99.5	75.0	112.4

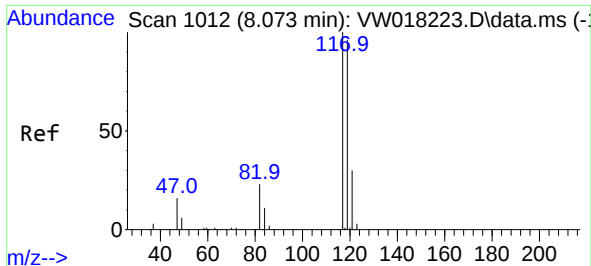


#30
1,1,1-Trichloroethane
Concen: 5.00 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 97 Resp: 40783

Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.4	77.2
61	41.1	37.8	56.6

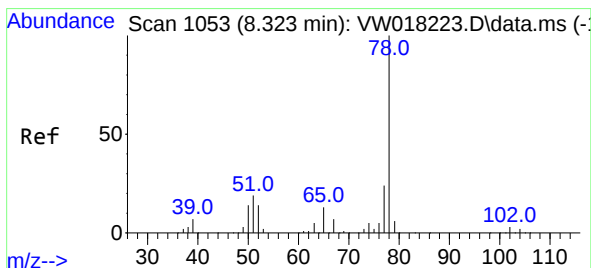
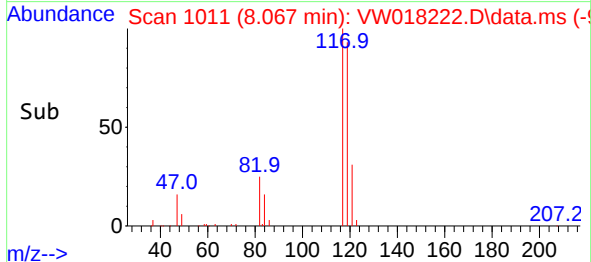
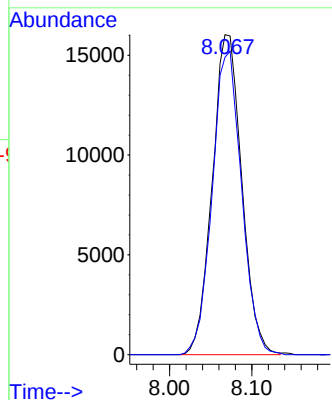
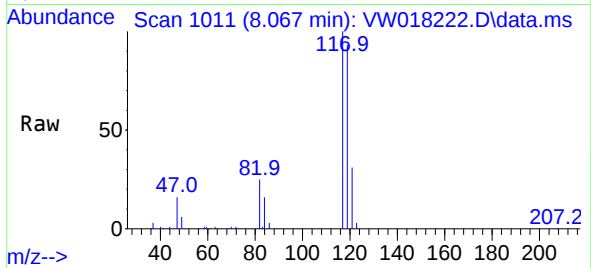




#31
Carbon tetrachloride
Concen: 5.05 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

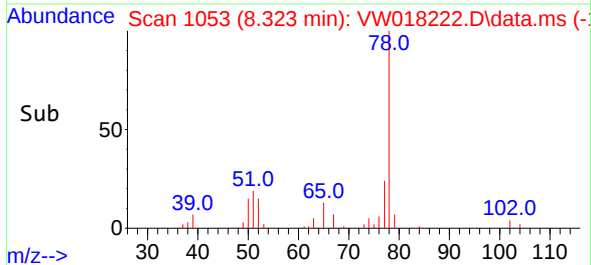
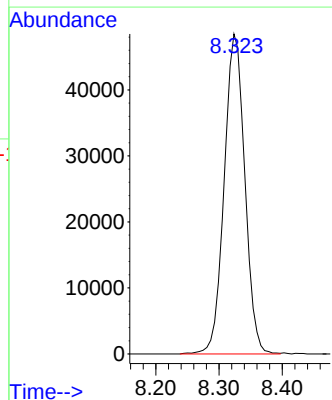
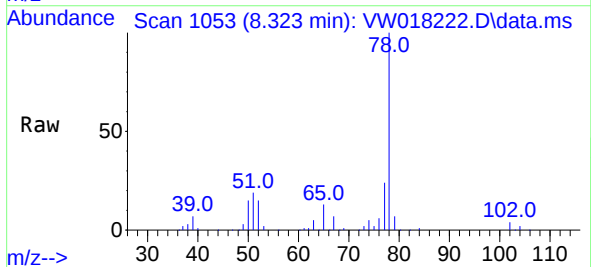
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

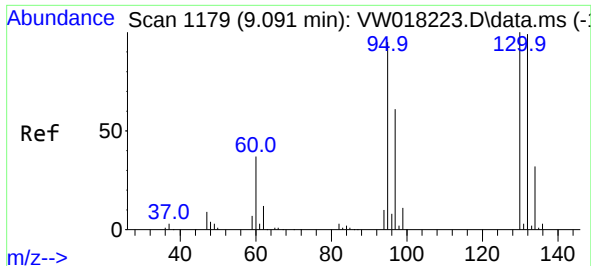
Tgt Ion:117 Resp: 39878
Ion Ratio Lower Upper
117 100
119 94.5 76.5 114.7



#33
Benzene
Concen: 5.07 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 78 Resp: 109710

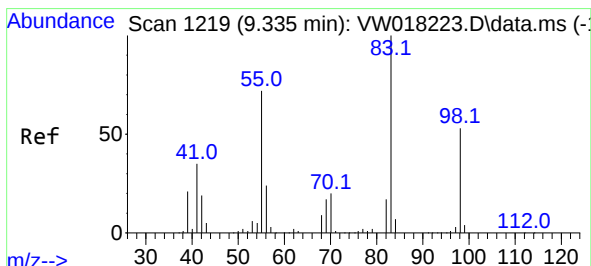
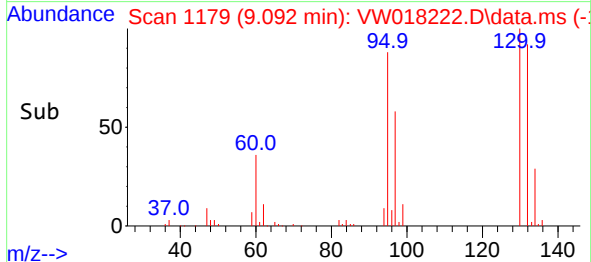
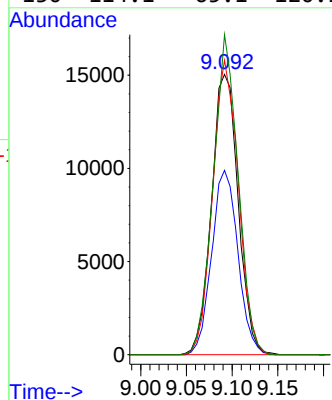
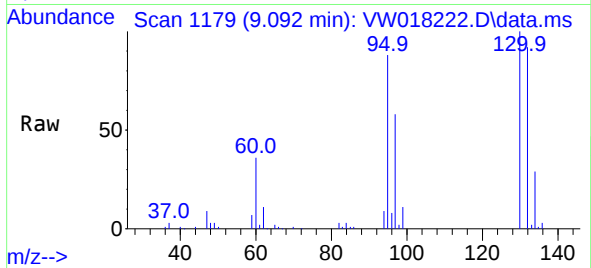




#34
Trichloroethene
Concen: 5.05 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

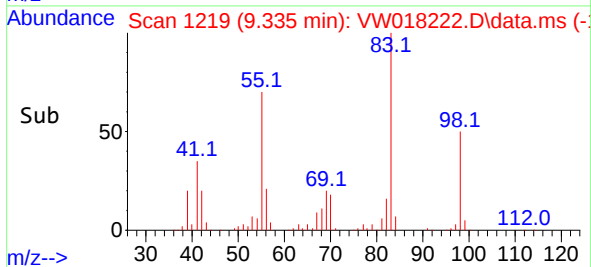
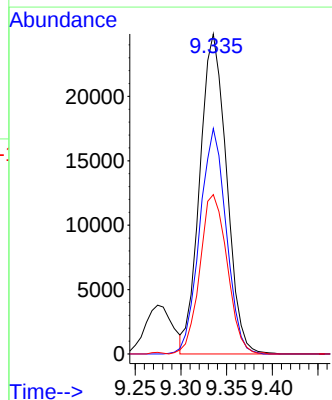
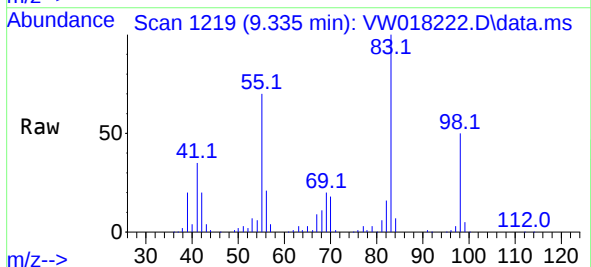
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

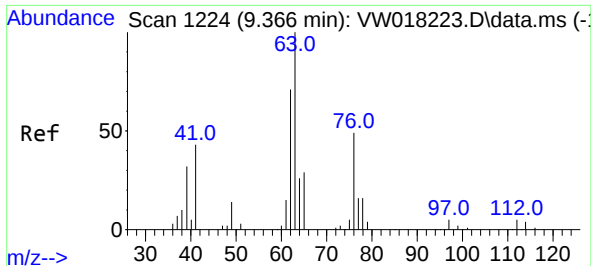
Tgt Ion: 95 Resp: 30568
Ion Ratio Lower Upper
95 100
97 65.7 47.3 87.8
132 105.0 71.0 131.8
130 114.1 65.1 120.9



#35
Methylcyclohexane
Concen: 5.04 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 83 Resp: 50501
Ion Ratio Lower Upper
83 100
55 69.9 58.9 88.3
98 51.0 40.1 60.1

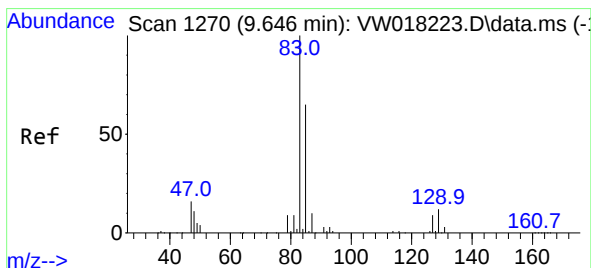
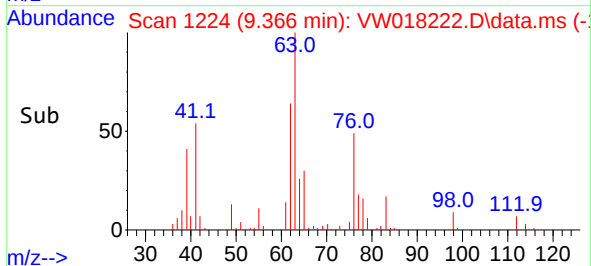
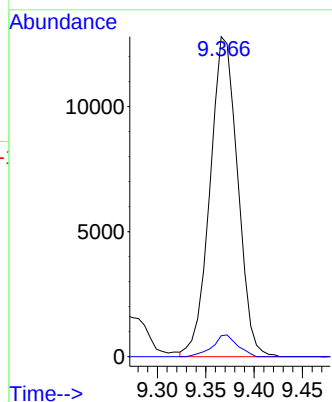
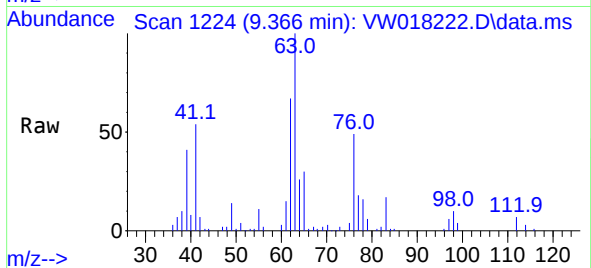




#37
1,2-Dichloropropane
Concen: 5.09 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

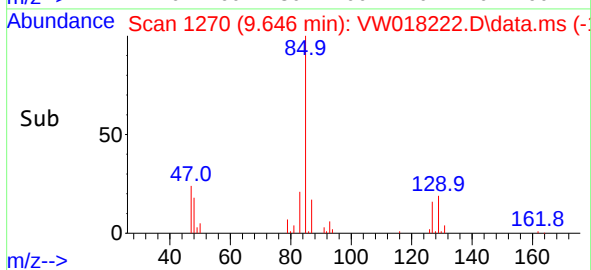
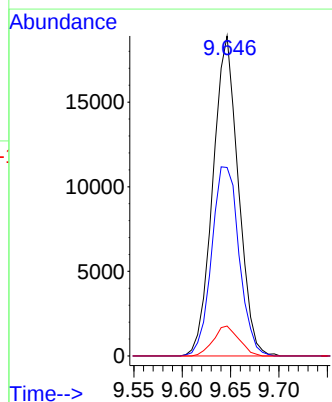
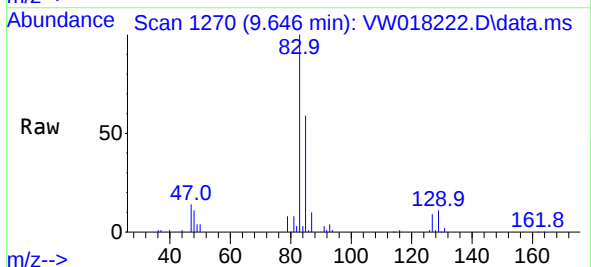
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

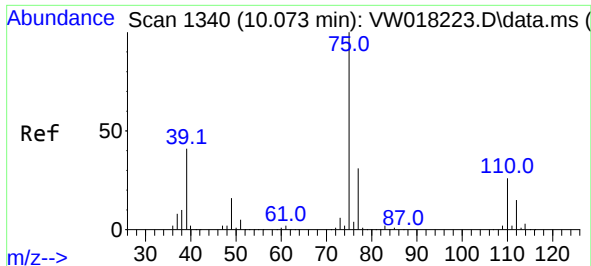
Tgt Ion: 63 Resp: 25472
Ion Ratio Lower Upper
63 100
112 6.1 3.9 5.9#



#38
Bromodichloromethane
Concen: 4.93 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 83 Resp: 34544
Ion Ratio Lower Upper
83 100
85 58.9 42.3 78.5
127 9.3 6.6 9.8

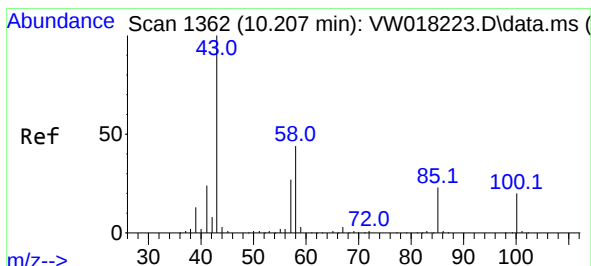
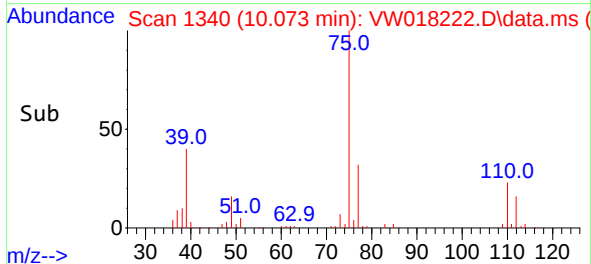
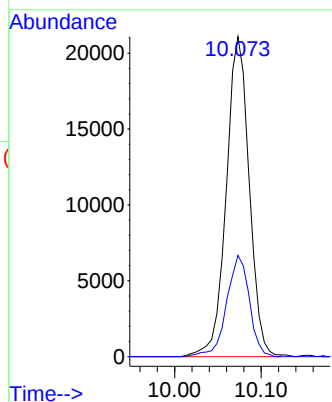
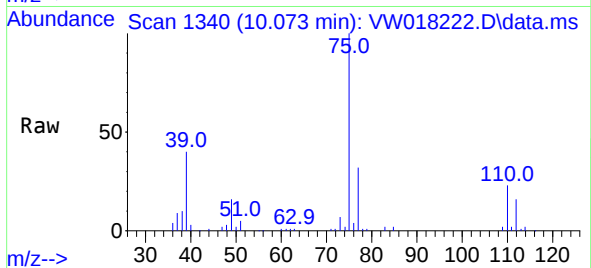




#39
cis-1,3-Dichloropropene
Concen: 4.84 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

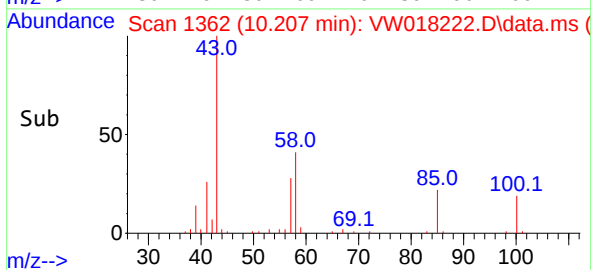
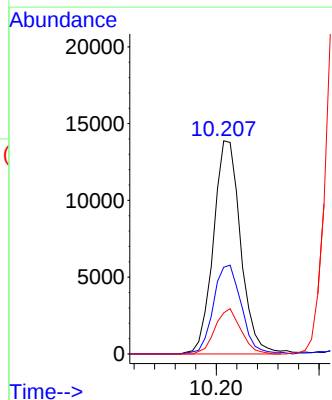
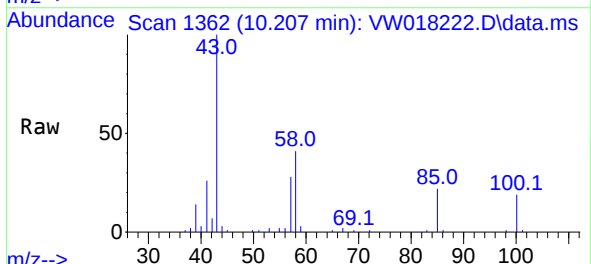
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

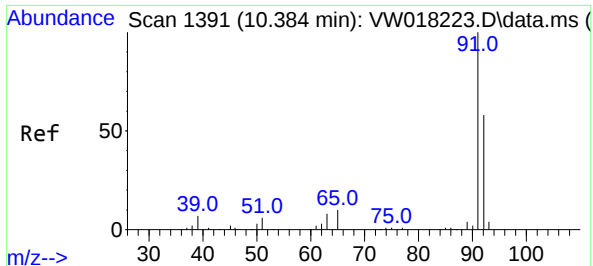
Tgt Ion: 75 Resp: 38805
Ion Ratio Lower Upper
75 100
77 31.6 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 10.05 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 43 Resp: 25531
Ion Ratio Lower Upper
43 100
58 42.8 31.0 46.4
100 20.0 13.0 19.6#

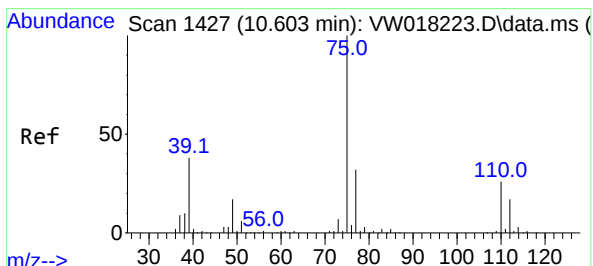
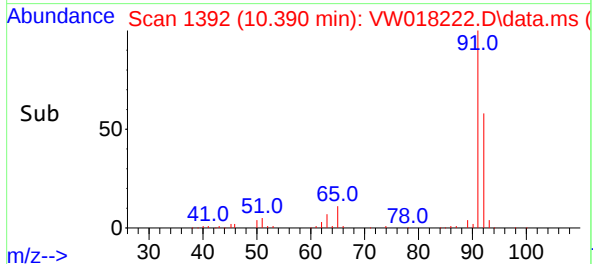
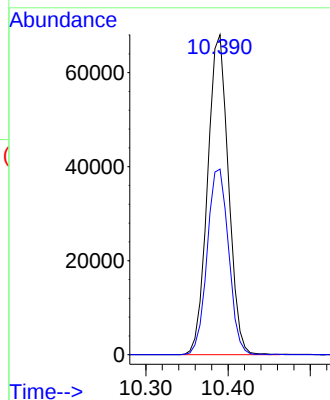
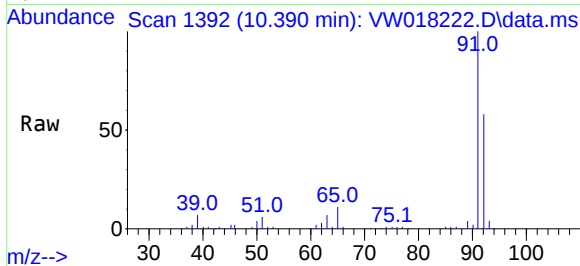




#42
Toluene
Concen: 5.02 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

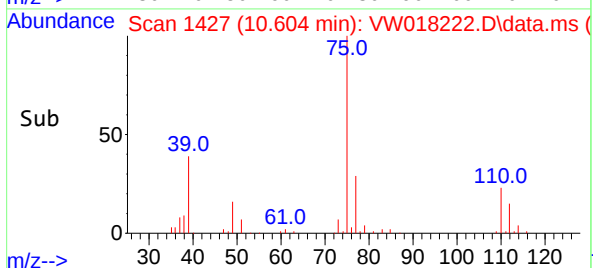
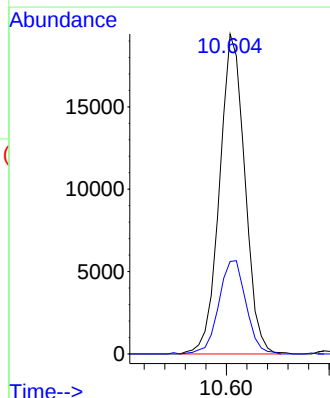
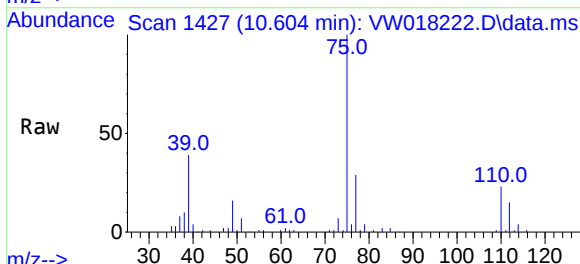
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

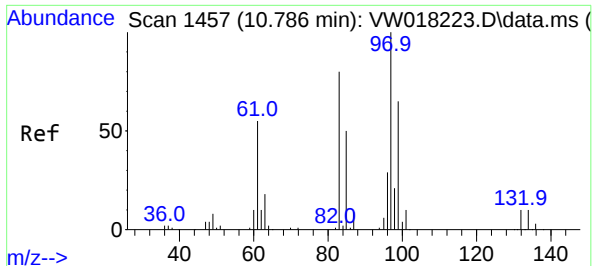
Tgt Ion: 91 Resp: 119809
Ion Ratio Lower Upper
91 100
92 58.0 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 4.81 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 75 Resp: 33122
Ion Ratio Lower Upper
75 100
77 28.9 21.1 39.1



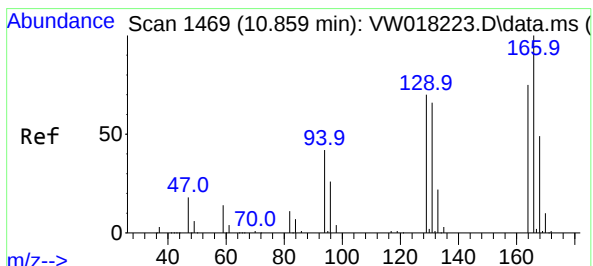
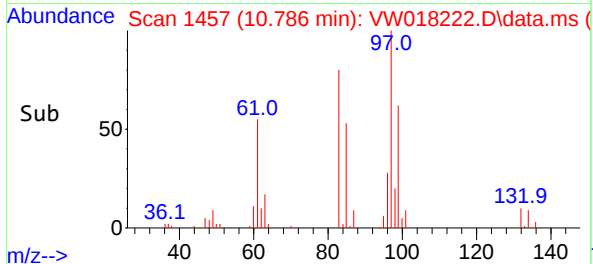
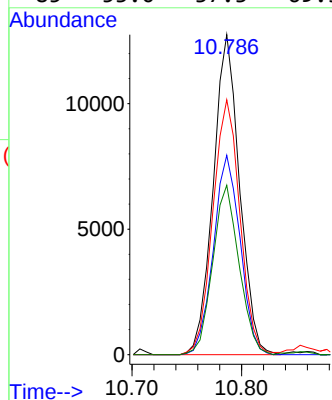
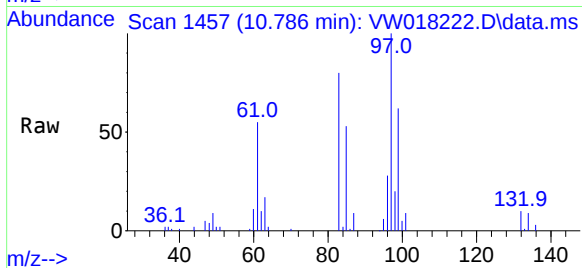


#45
1,1,2-Trichloroethane
Concen: 5.20 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

Tgt Ion: 97 Resp: 21302

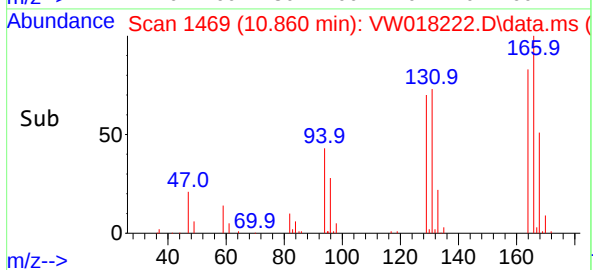
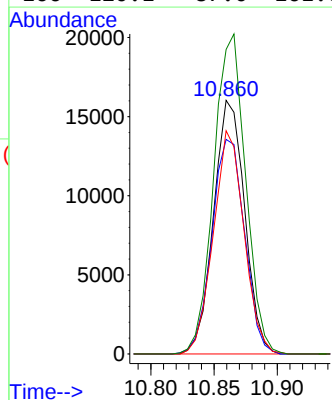
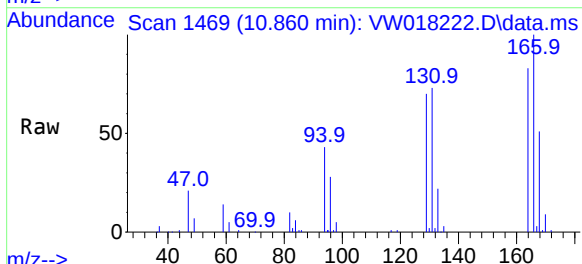
Ion	Ratio	Lower	Upper
97	100		
99	62.3	45.1	83.7
83	79.7	58.1	107.9
85	53.0	37.3	69.3

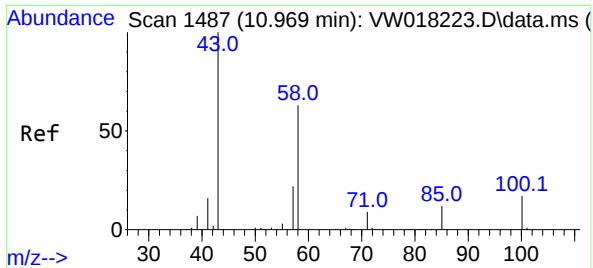


#46
Tetrachloroethene
Concen: 5.10 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 164 Resp: 27399

Ion	Ratio	Lower	Upper
164	100		
129	84.6	66.7	123.9
131	88.0	61.1	113.5
166	120.1	87.0	161.6

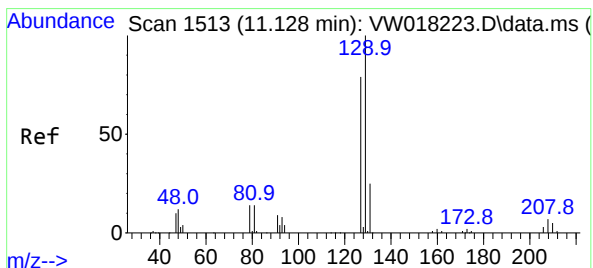
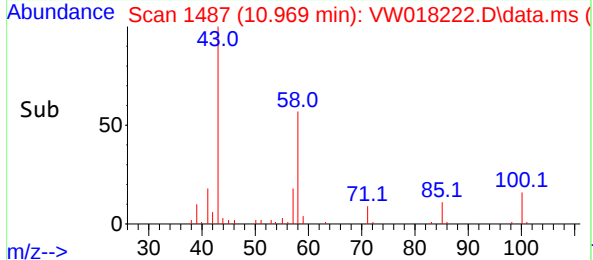
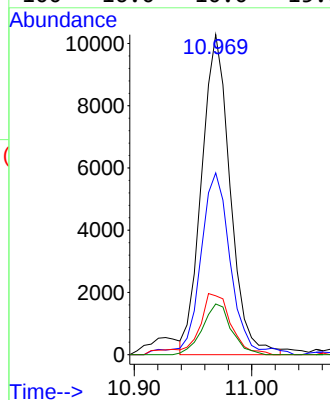
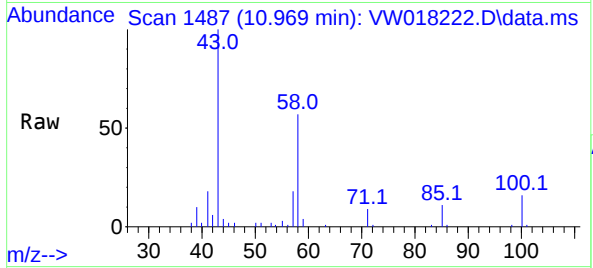




#48
2-Hexanone
Concen: 10.04 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

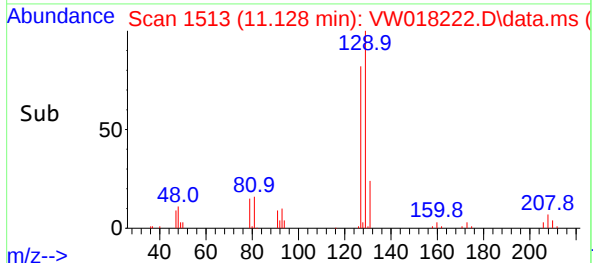
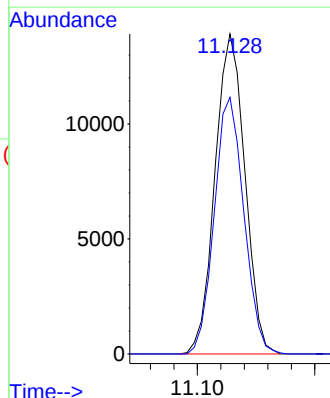
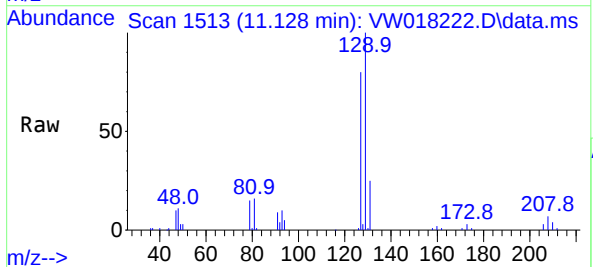
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

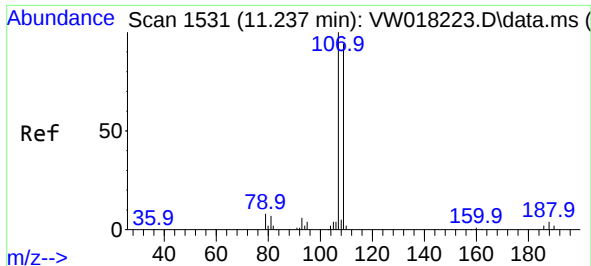
Tgt Ion:	43	Resp:	17418
Ion	Ratio	Lower	Upper
43	100		
58	57.2	42.7	64.1
57	20.2	15.8	23.8
100	16.0	10.0	15.0



#49
Dibromochloromethane
Concen: 4.86 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:	129	Resp:	24588
Ion	Ratio	Lower	Upper
129	100		
127	80.2	51.7	95.9



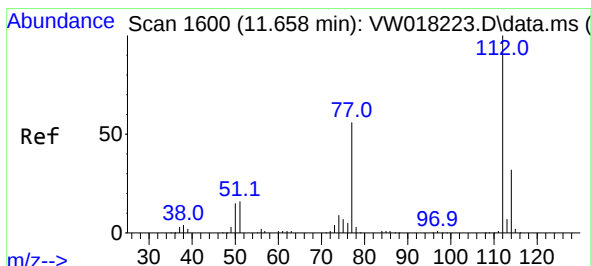
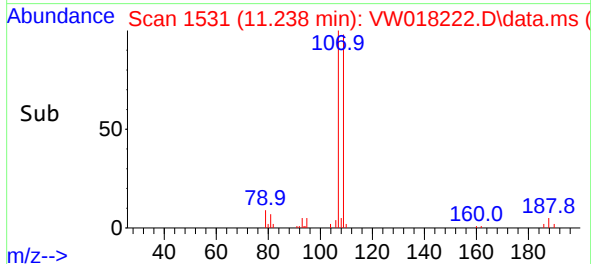
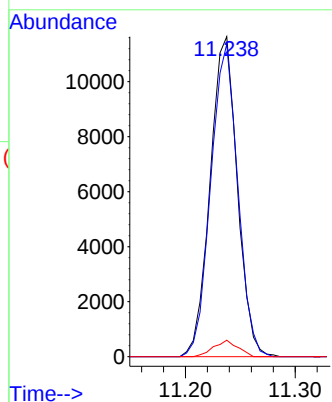
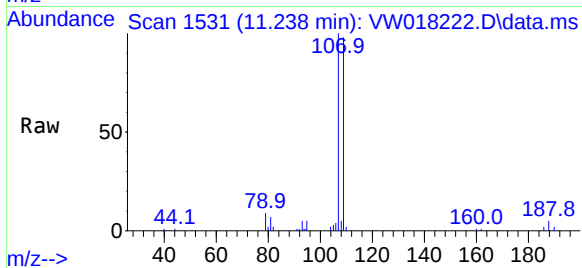


#50
1,2-Dibromoethane
Concen: 4.99 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

Tgt Ion:107 Resp: 20047

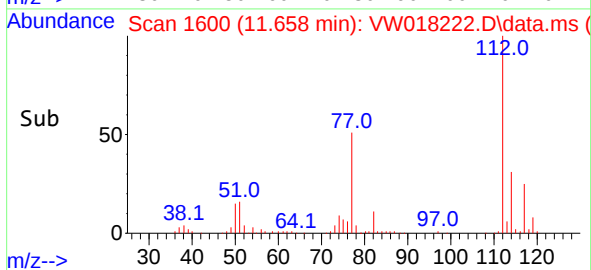
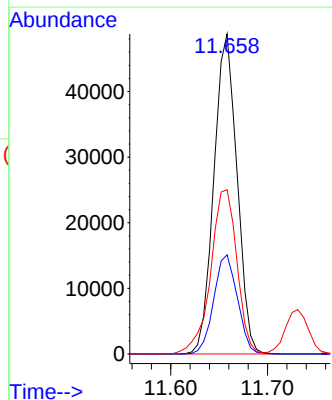
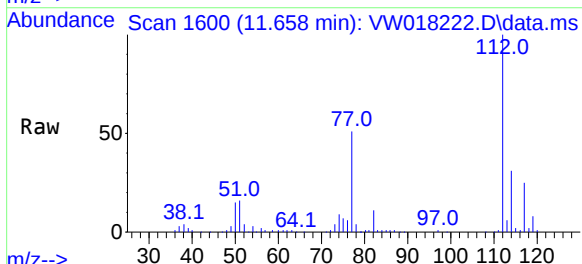
Ion	Ratio	Lower	Upper
107	100		
109	97.7	65.4	121.4
188	5.1	2.6	4.0#

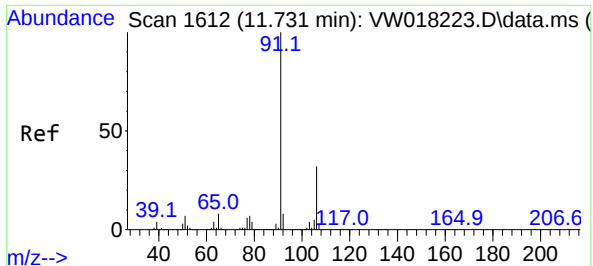


#51
Chlorobenzene
Concen: 5.08 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:112 Resp: 80973

Ion	Ratio	Lower	Upper
112	100		
114	31.0	23.4	43.6
77	51.4	47.6	71.4

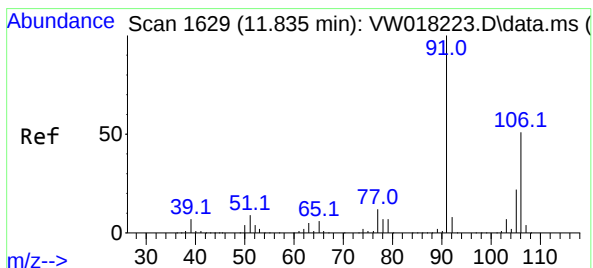
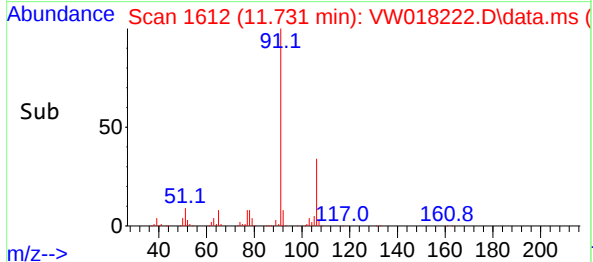
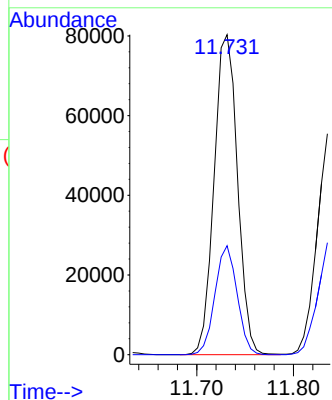
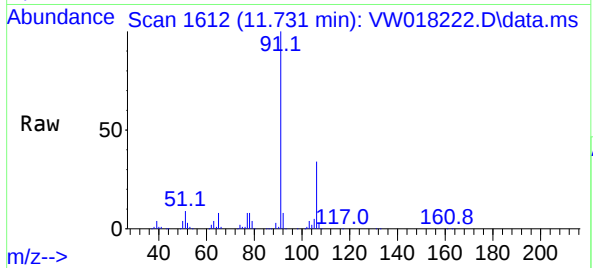




#52
Ethylbenzene
Concen: 5.00 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

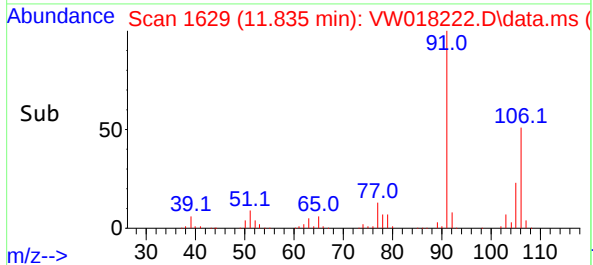
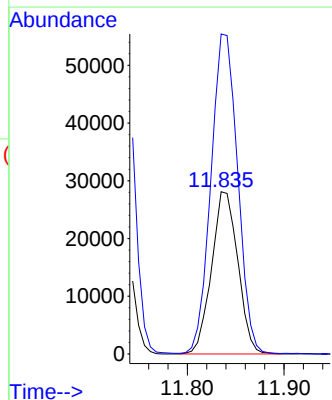
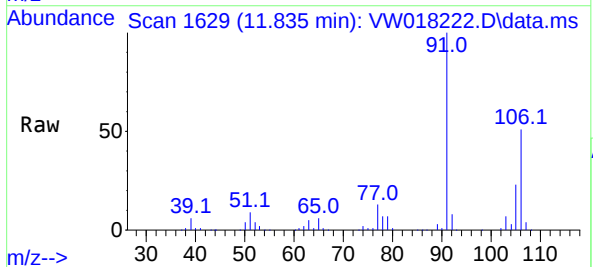
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

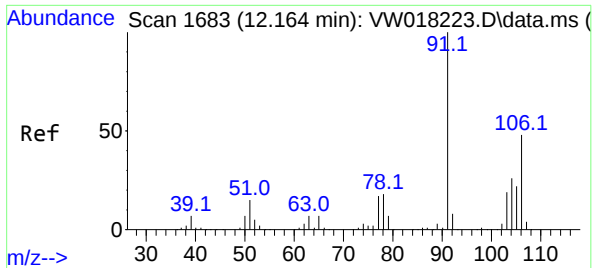
Tgt Ion: 91 Resp: 134699
Ion Ratio Lower Upper
91 100
106 34.1 22.5 41.7



#53
m,p-Xylene
Concen: 5.04 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:106 Resp: 52976
Ion Ratio Lower Upper
106 100
91 197.3 141.3 262.3

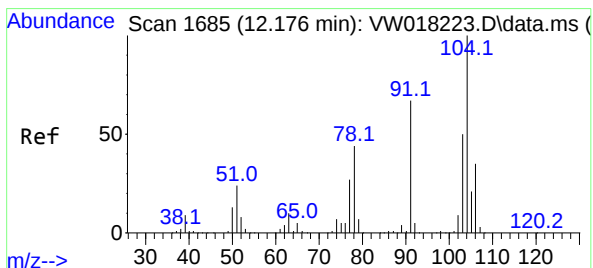
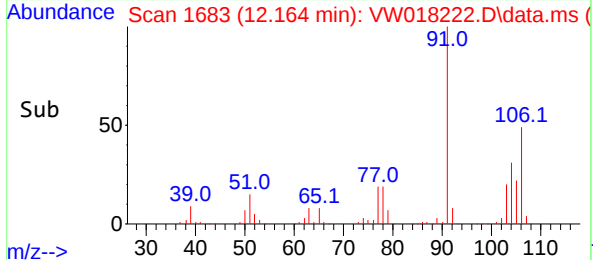
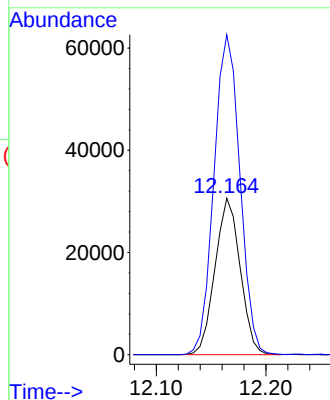
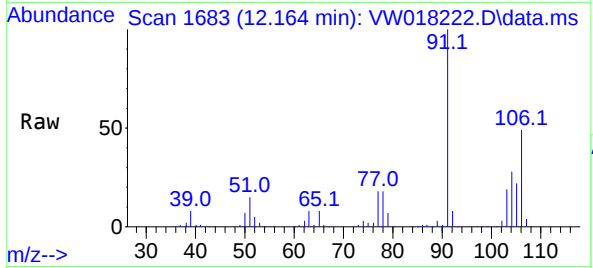




#54
o-Xylene
Concen: 4.91 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

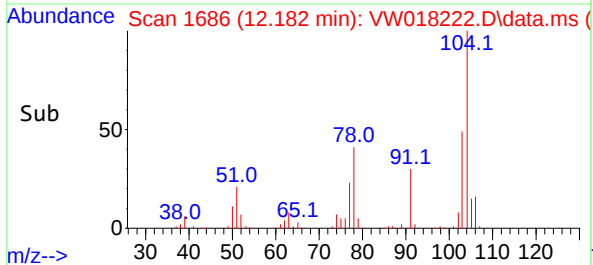
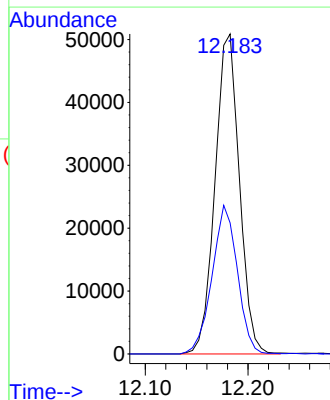
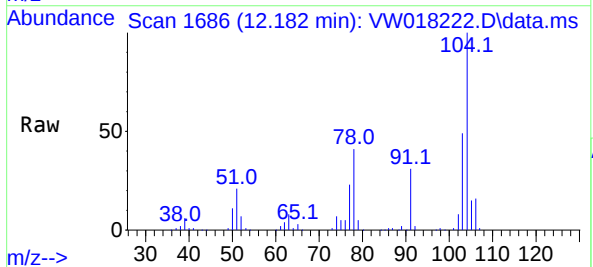
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

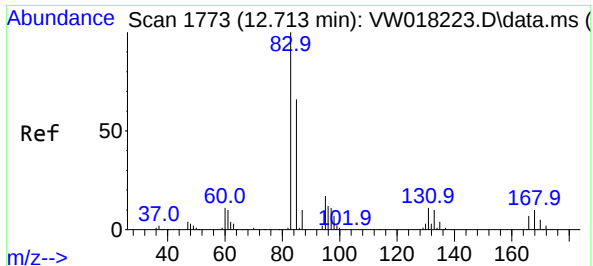
Tgt Ion:106 Resp: 48785
Ion Ratio Lower Upper
106 100
91 204.5 150.0 278.6



#55
Styrene
Concen: 5.02 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:104 Resp: 83675
Ion Ratio Lower Upper
104 100
78 40.9 32.5 60.3

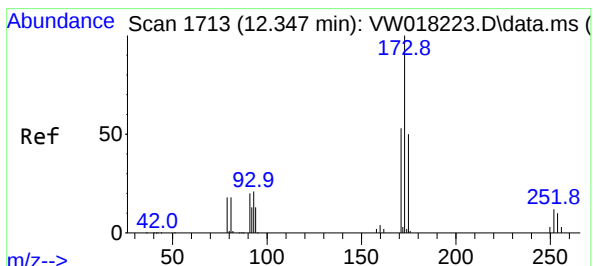
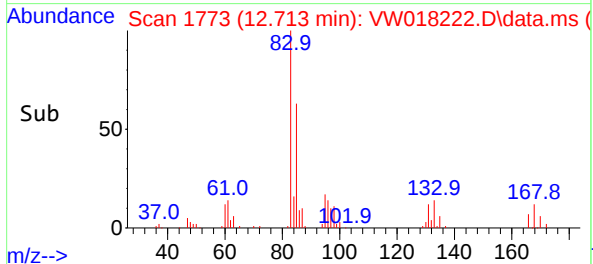
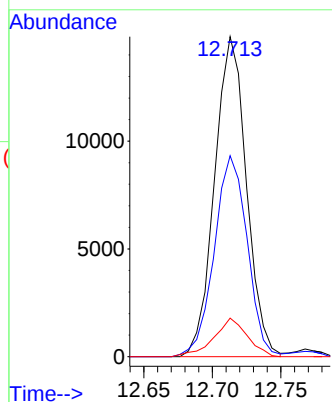
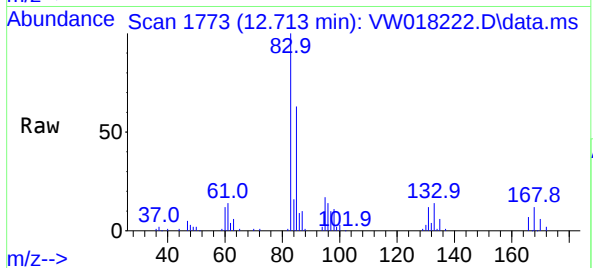




#57
1,1,2,2-Tetrachloroethane
Concen: 5.24 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

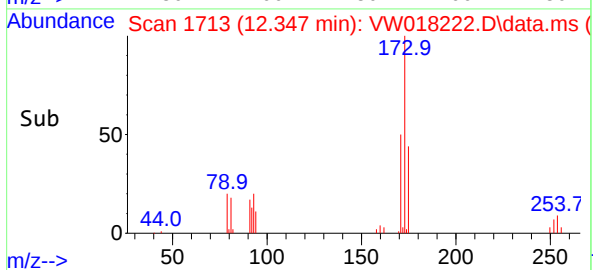
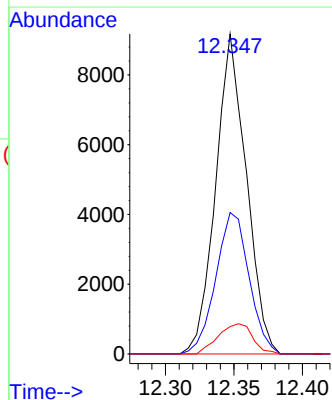
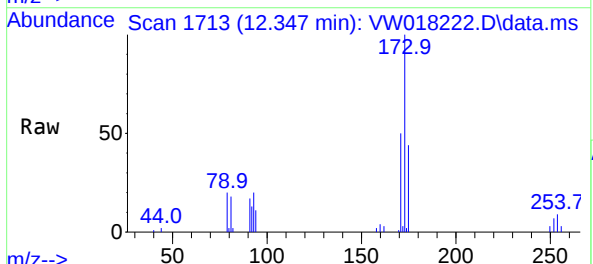
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

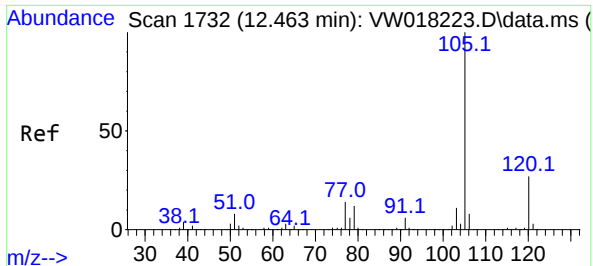
Tgt Ion:	83	Resp:	24015
Ion	Ratio	Lower	Upper
83	100		
85	62.8	44.4	82.4
131	12.0	8.2	12.4



#59
Bromoform
Concen: 4.80 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:	173	Resp:	14263
Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.5	56.3
254	10.6	7.0	10.4

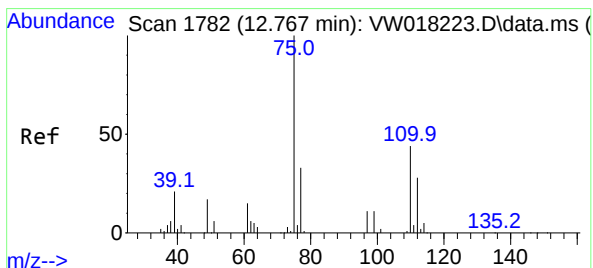
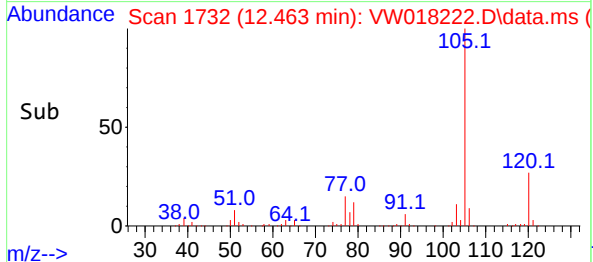
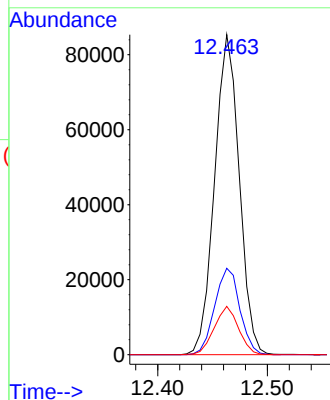
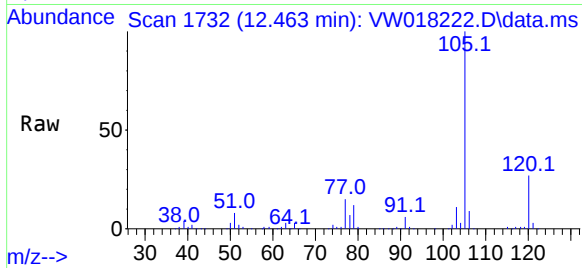




#60
Isopropylbenzene
Concen: 4.89 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

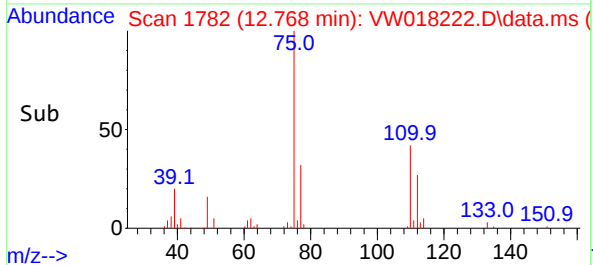
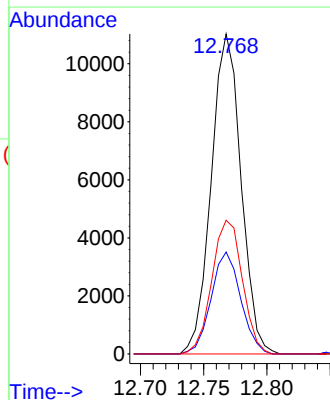
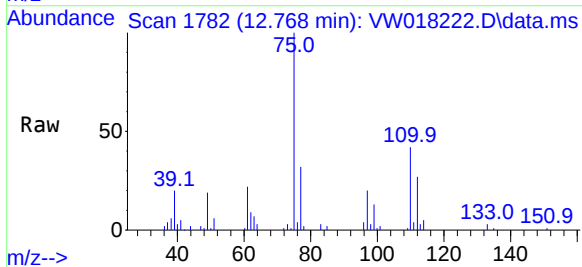
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

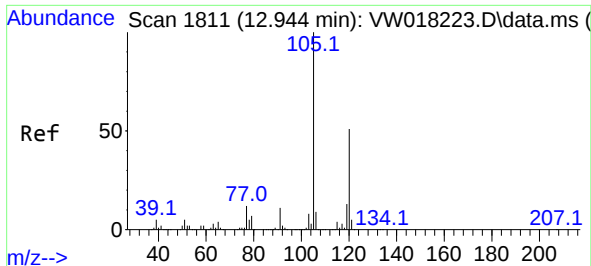
Tgt Ion:105 Resp: 133252
Ion Ratio Lower Upper
105 100
120 27.6 21.1 31.7
77 14.9 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.28 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion: 75 Resp: 18056
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9
110 42.8 32.6 48.8

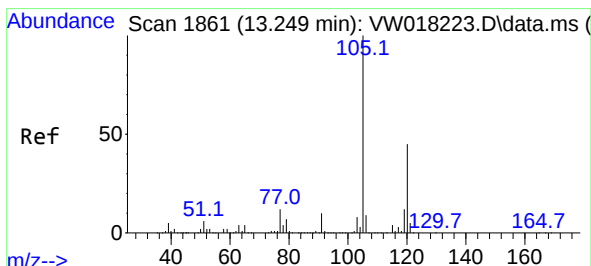
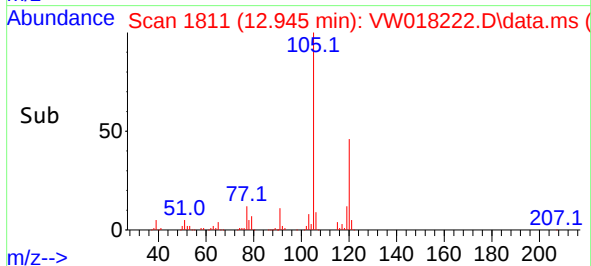
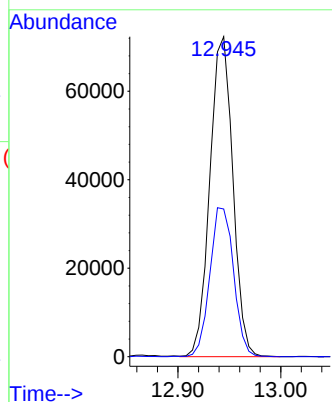
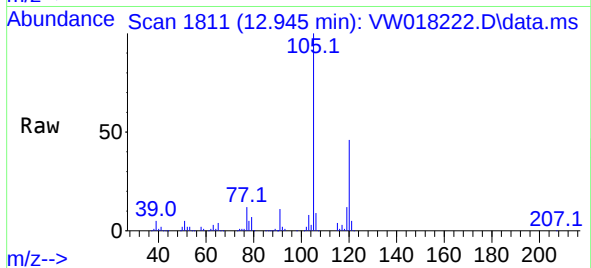




#62
1,3,5-Trimethylbenzene
Concen: 4.92 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

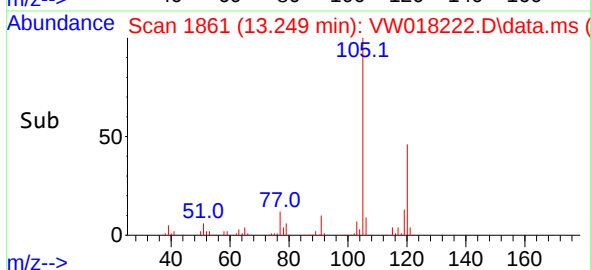
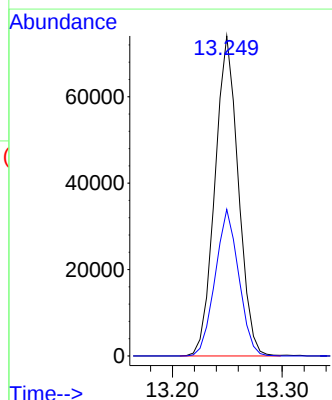
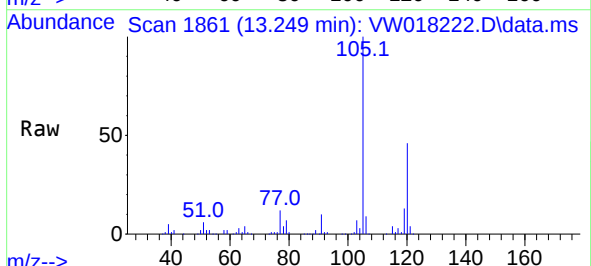
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

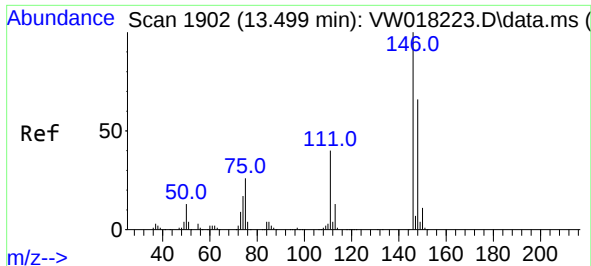
Tgt Ion:105 Resp: 112463
Ion Ratio Lower Upper
105 100
120 48.0 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 4.82 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:105 Resp: 109876
Ion Ratio Lower Upper
105 100
120 46.1 35.6 53.4

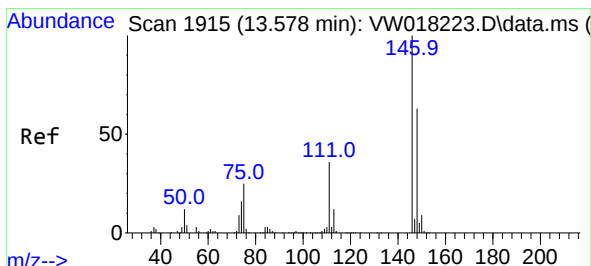
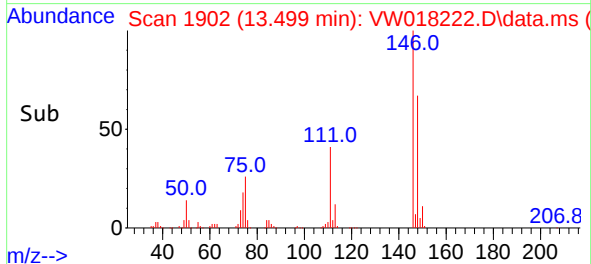
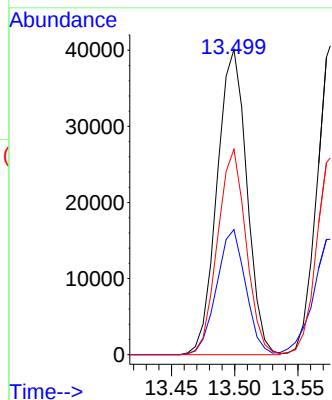
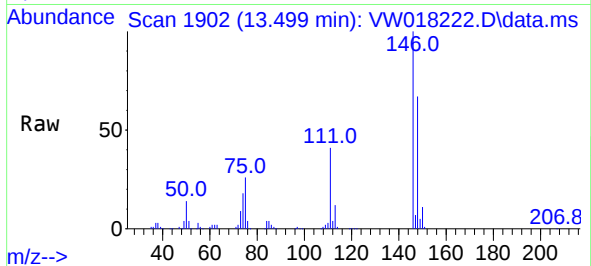




#64
1,3-Dichlorobenzene
Concen: 5.01 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

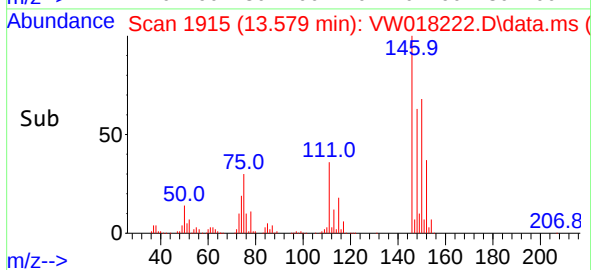
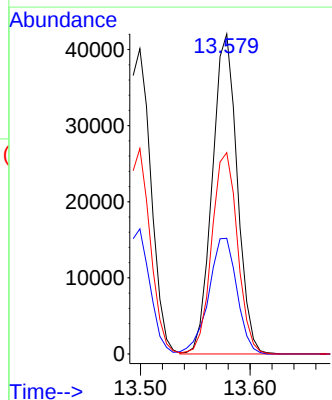
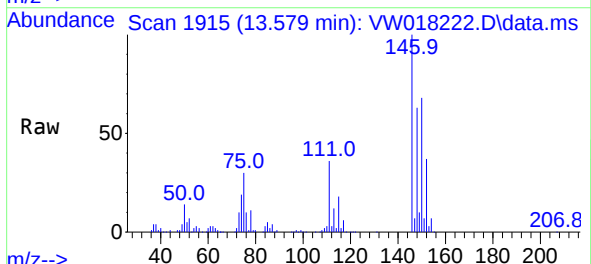
Instrument :
MSVOA_W
ClientSampled :
VSTD005106

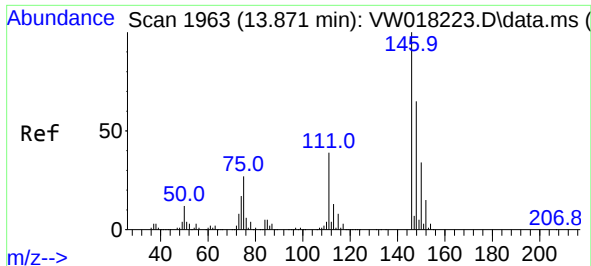
Tgt Ion:146 Resp: 65623
Ion Ratio Lower Upper
146 100
111 41.0 26.7 49.7
148 67.3 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 5.07 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:146 Resp: 66529
Ion Ratio Lower Upper
146 100
111 36.2 28.8 53.4
148 62.9 46.8 87.0

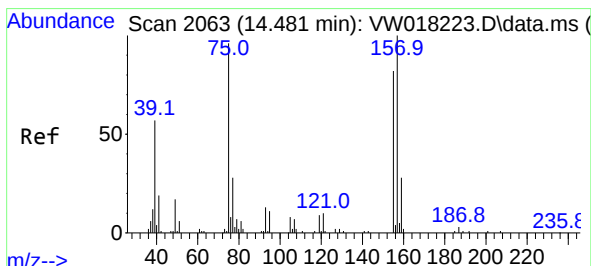
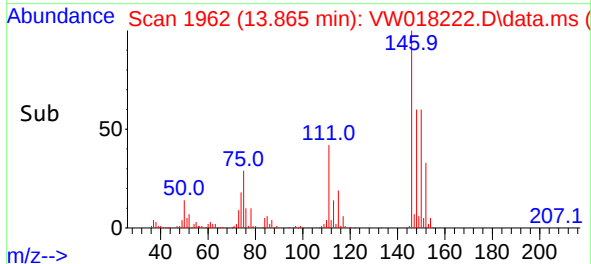
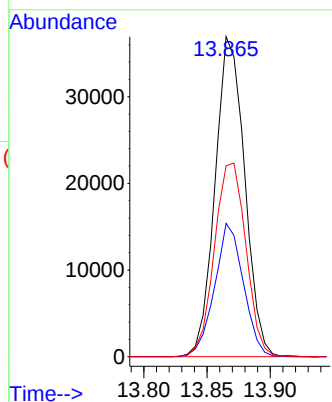
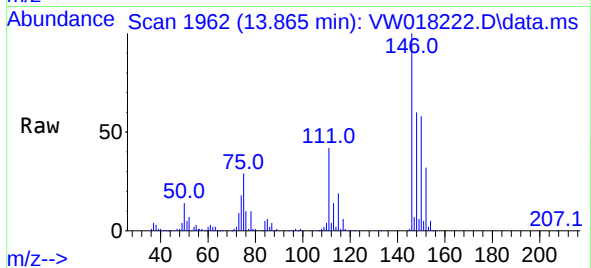




#67
1,2-Dichlorobenzene
Concen: 5.10 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

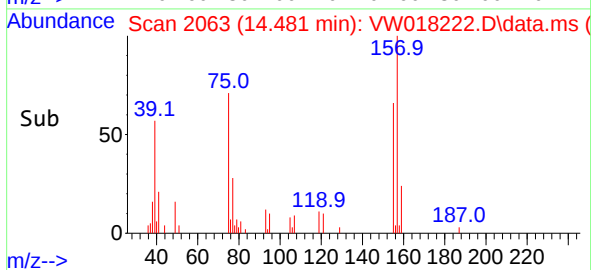
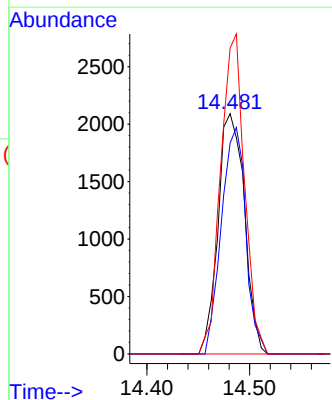
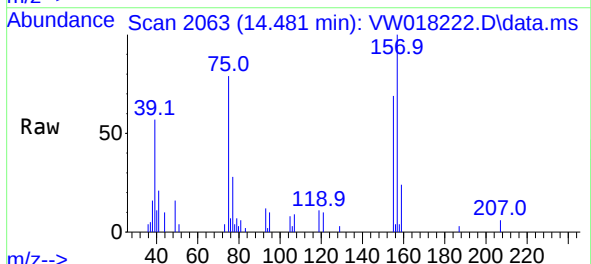
Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

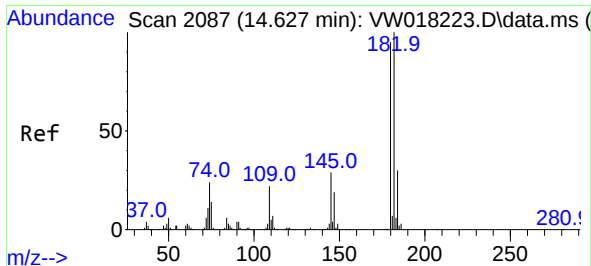
Tgt Ion:	146	Resp:	59987
Ion Ratio	Lower	Upper	
146	100		
111	41.6	33.2	49.8
148	59.7	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 5.01 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:	75	Resp:	3722
Ion Ratio	Lower	Upper	
75	100		
155	87.7	59.4	89.0
157	127.4	72.2	108.2#



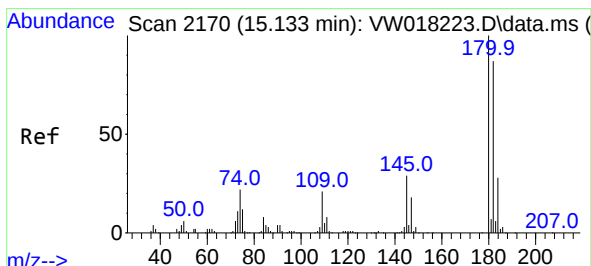
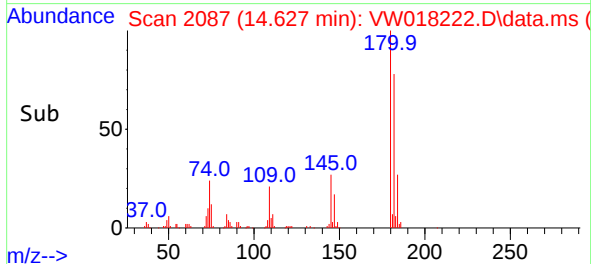
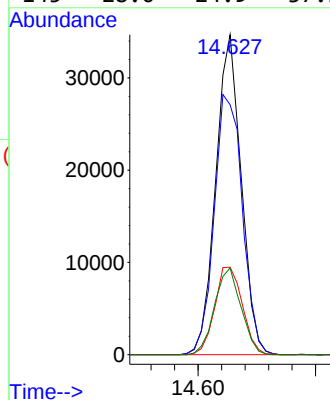
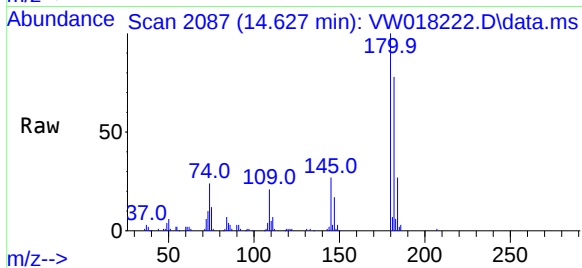


#69
1,3,5-Trichlorobenzene
Concen: 5.18 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

Tgt Ion:180 Resp: 52231

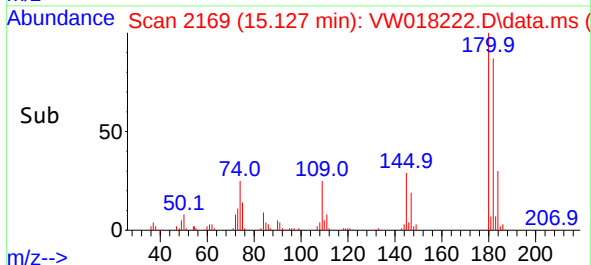
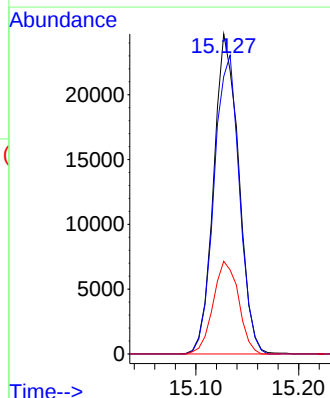
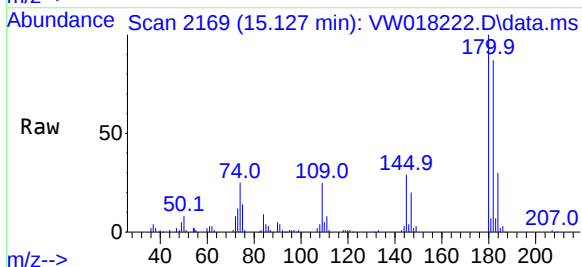
Ion	Ratio	Lower	Upper
180	100		
182	89.9	73.4	110.2
184	29.7	23.6	35.4
145	28.0	24.9	37.3

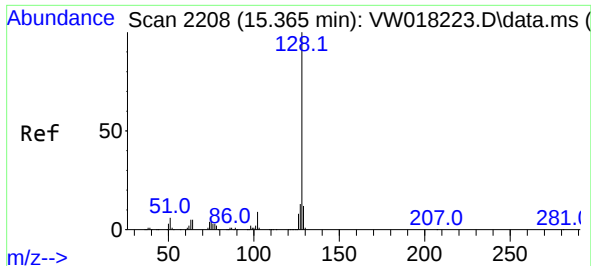


#70
1,2,4-trichlorobenzene
Concen: 4.99 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:180 Resp: 41640

Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.7	112.1
145	29.5	25.0	37.4



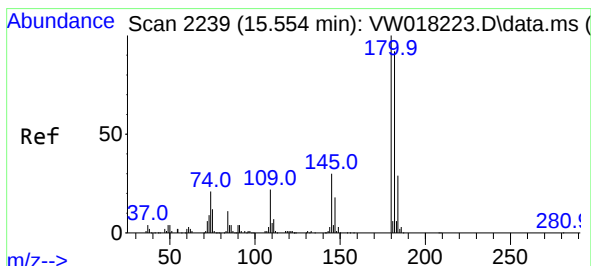
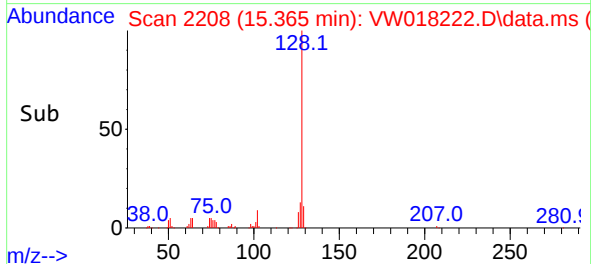
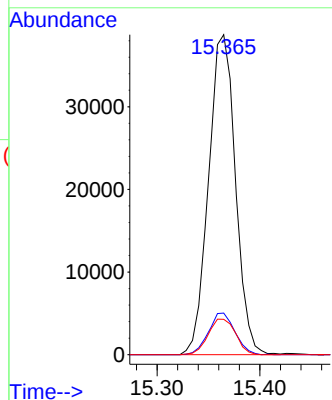
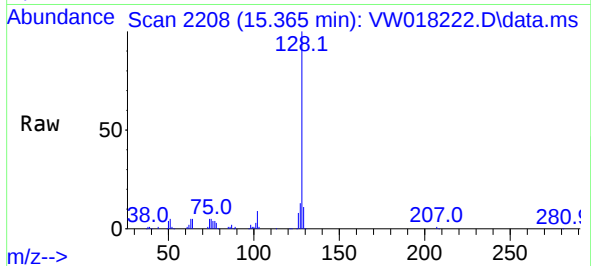


#71
Naphthalene
Concen: 4.81 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Instrument :
MSVOA_W
ClientSampleId :
VSTD005106

Tgt Ion:128 Resp: 70392

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.4	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 4.89 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW018222.D
Acq: 23 Feb 2021 11:36

Tgt Ion:180 Resp: 35701

Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.7	115.1
145	33.7	28.9	43.3

