

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018845.D
 Acq On : 29 Apr 2021 15:06
 Operator : SY/VA
 Sample : M2177-10RE
 Misc : 3.58G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 02:10:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	565998	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	351081	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	81865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	202199	27.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.40%
7) Chloroethane-d5	2.891	69	159514	28.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.40%
11) 1,1-Dichloroethene-d2	4.019	63	281598	19.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.12%
21) 2-Butanone-d5	7.080	46	91156	48.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.40%
24) Chloroform-d	7.653	84	376552	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.311	65	206563	24.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.56%
32) Benzene-d6	8.281	84	763125	38.47	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.88%#
36) 1,2-Dichloropropane-d6	9.274	67	218500	37.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.52%#
41) Toluene-d8	10.323	98	589110	31.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	127.36%
43) trans-1,3-Dichloroprop...	10.579	79	58395	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.32%
47) 2-Hexanone-d5	10.927	63	75701	71.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	143.70%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	122236	24.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.04%
66) 1,2-Dichlorobenzene-d4	13.853	152	71510	25.49	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.96%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.019	96	2142	0.29	ug/L #	1
13) Acetone	4.135	43	32568	22.48	ug/L	91
14) Carbon disulfide	4.391	76	28200	1.30	ug/L	97
16) Methylene chloride	4.915	84	31870	3.41	ug/L	89
22) 2-Butanone	7.189	43	12331	6.14	ug/L	79
37) 1,2-Dichloropropane	9.274	63	25552	5.04	ug/L #	87
39) cis-1,3-Dichloropropene	10.037	75	4412	0.55	ug/L #	58
42) Toluene	10.390	91	11723	0.51	ug/L	99
48) 2-Hexanone	10.927	43	10332	5.04	ug/L #	62
54) o-Xylene	12.164	106	5977	0.66	ug/L	83
57) 1,1,2,2-Tetrachloroethane	12.695	83	6985	1.44	ug/L #	1
61) 1,2,3-Trichloropropane	13.554	75	12183	7.02	ug/L	95
62) 1,3,5-Trimethylbenzene	12.945	105	7381	0.76	ug/L	91
63) 1,2,4-Trimethylbenzene	13.249	105	9720	1.00	ug/L	99
64) 1,3-Dichlorobenzene	13.505	146	2106	0.43	ug/L #	1
65) 1,4-Dichlorobenzene	13.572	146	3192	0.64	ug/L #	1
67) 1,2-Dichlorobenzene	13.865	146	1954	0.44	ug/L #	1
70) 1,2,4-trichlorobenzene	15.133	180	2541	0.86	ug/L #	16
71) Naphthalene	15.365	128	3974	0.64	ug/L #	49

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Instrument :
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Quant Time: Apr 30 02:10:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 02:09:50 2021
Response via : Initial Calibration

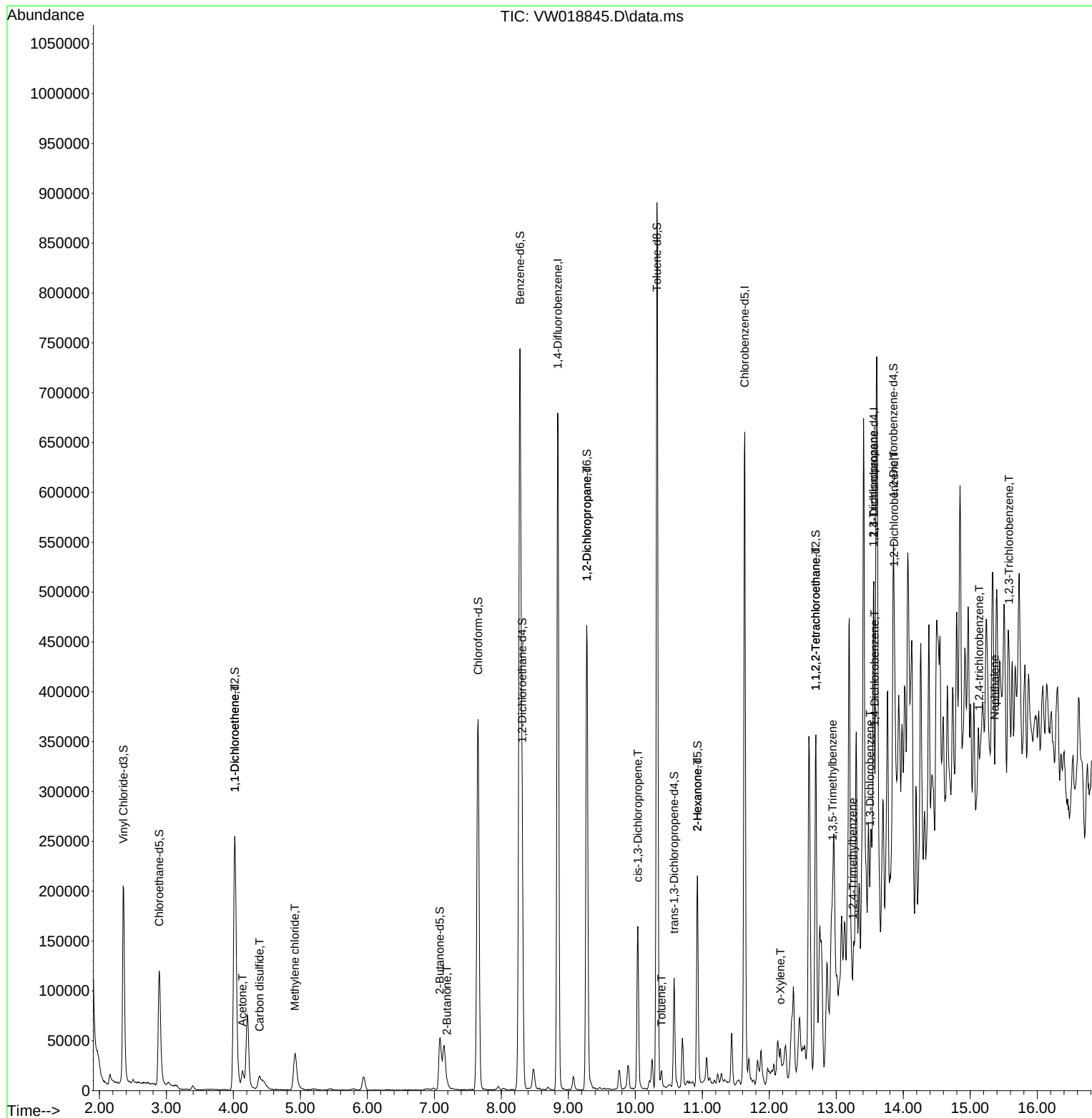
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
72) 1,2,3-Trichlorobenzene	15.578	180	2351	0.90	ug/L #	18

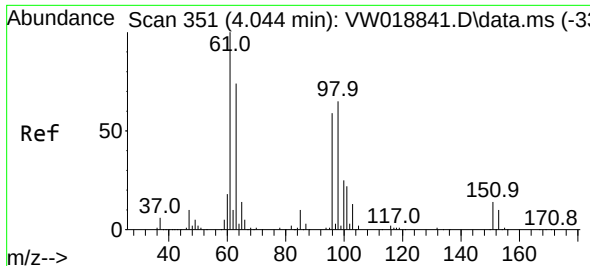
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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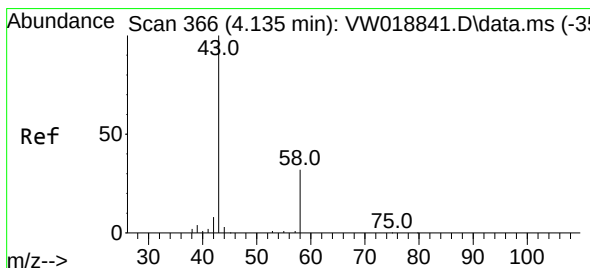
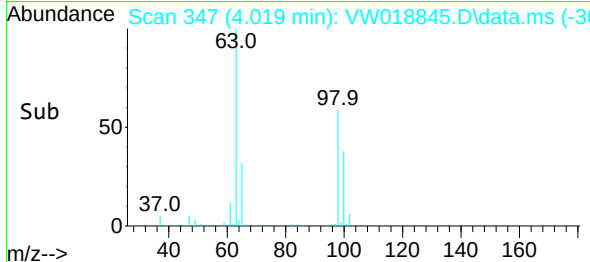
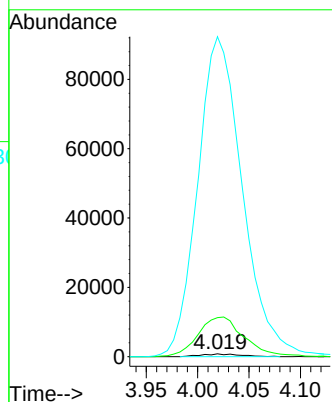
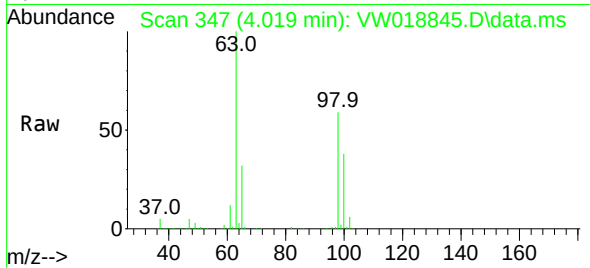




#12
1,1-Dichloroethene
Concen: 0.29 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.024 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

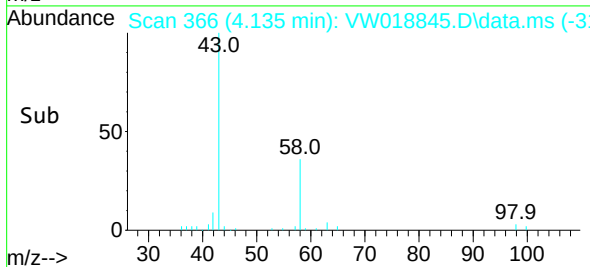
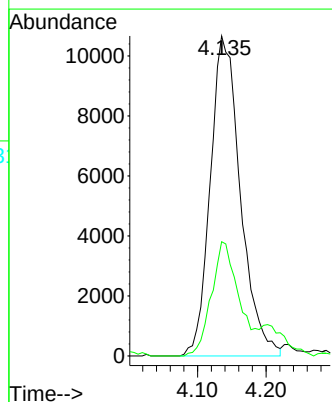
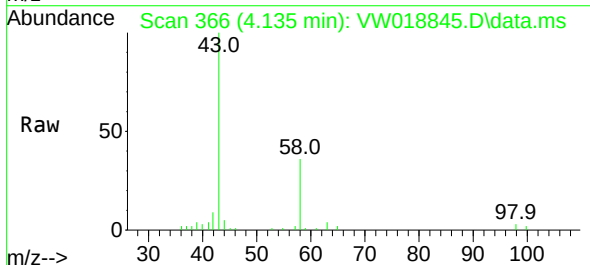
Instrument :
MSVOA_W
ClientSampled :

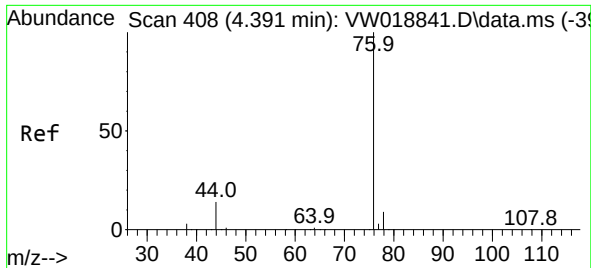
Tgt Ion: 96 Resp: 2142
Ion Ratio Lower Upper
96 100
61 1335.4 118.1 219.3#
63 10925.4 83.7 155.5#



#13
Acetone
Concen: 22.48 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Tgt Ion: 43 Resp: 32568
Ion Ratio Lower Upper
43 100
58 31.5 0.0 53.8

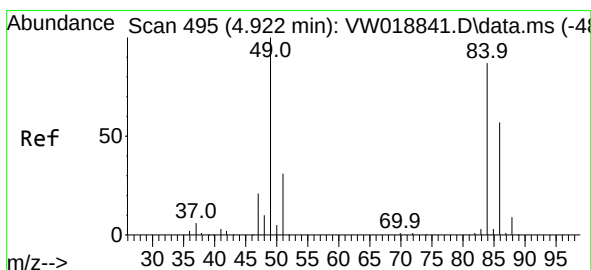
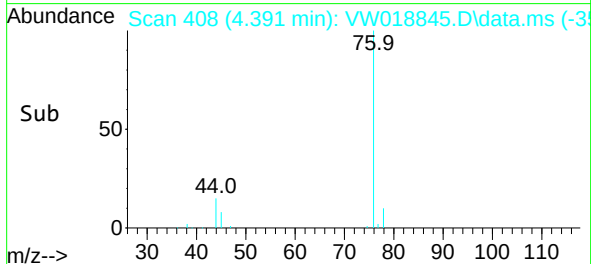
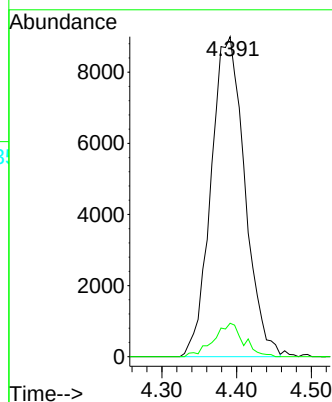
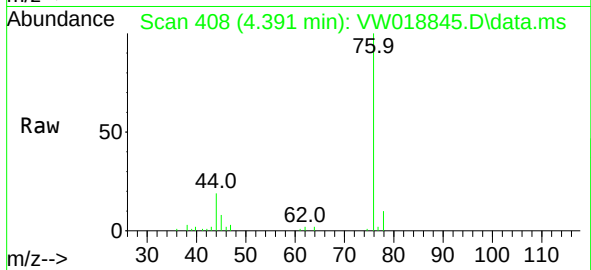




#14
Carbon disulfide
Concen: 1.30 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

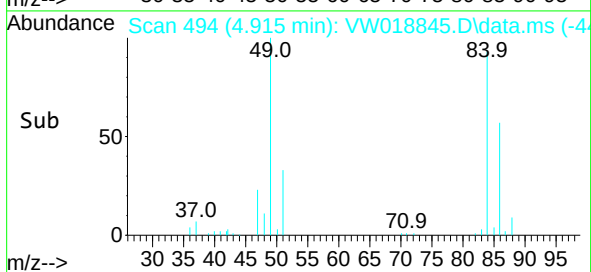
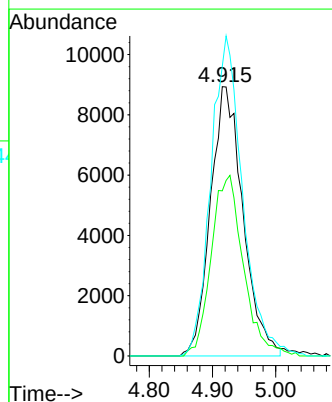
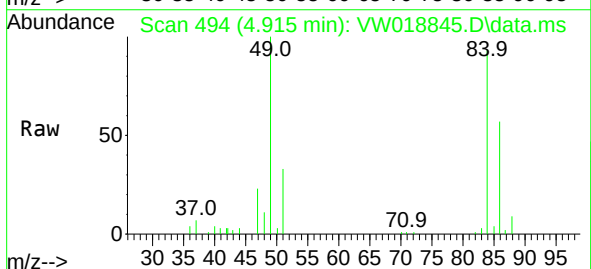
Instrument :
MSVOA_W
ClientSampled :

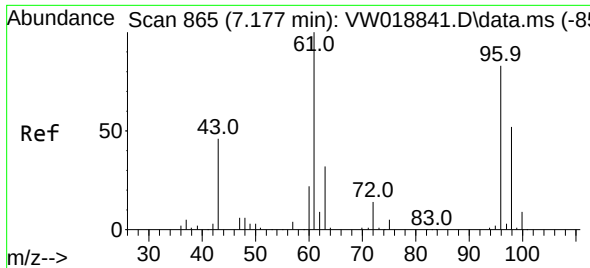
Tgt Ion: 76 Resp: 28200
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0



#16
Methylene chloride
Concen: 3.41 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Tgt Ion: 84 Resp: 31870
Ion Ratio Lower Upper
84 100
86 61.3 45.3 84.1
49 107.5 86.6 160.8

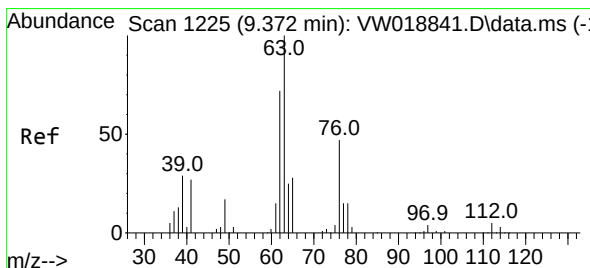
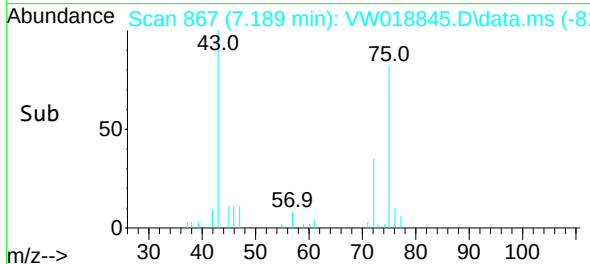
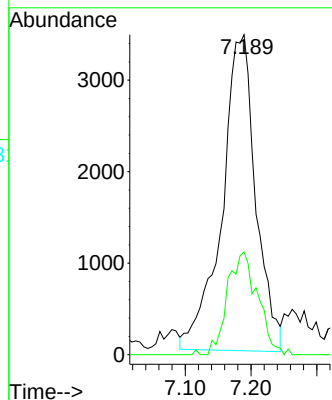
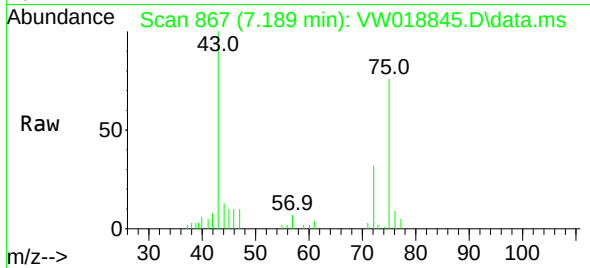




#22
2-Butanone
Concen: 6.14 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

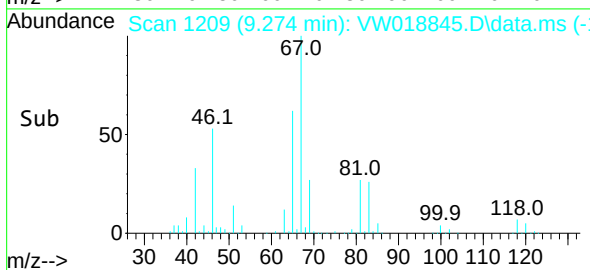
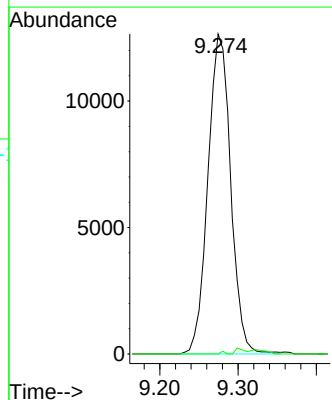
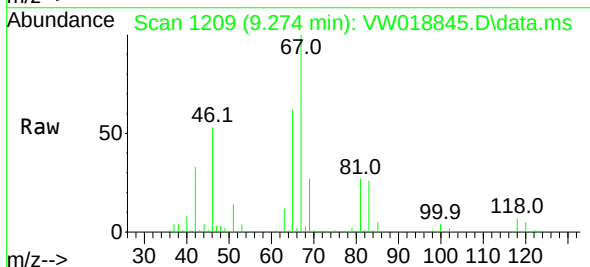
Instrument :
MSVOA_W
ClientSampled :

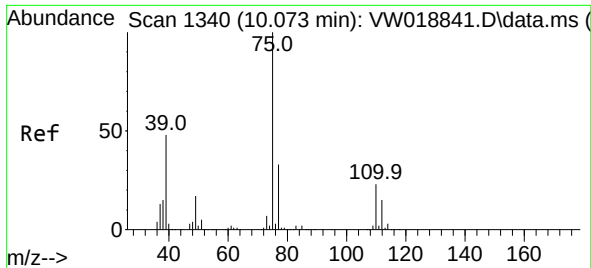
Tgt Ion: 43 Resp: 12331
Ion Ratio Lower Upper
43 100
72 18.3 14.9 44.7



#37
1,2-Dichloropropane
Concen: 5.04 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Tgt Ion: 63 Resp: 25552
Ion Ratio Lower Upper
63 100
112 0.7 3.9 5.9#

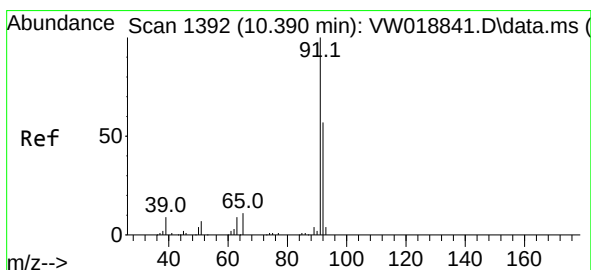
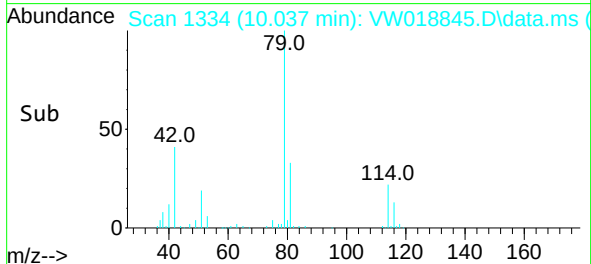
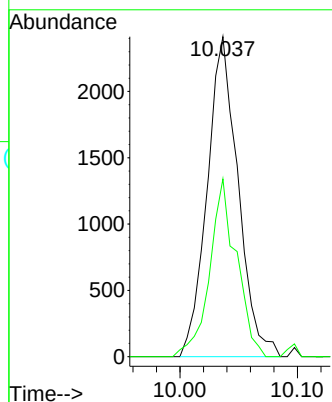
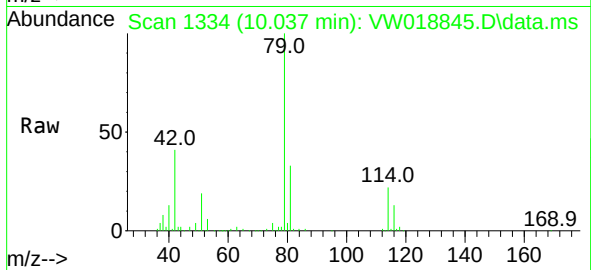




#39
cis-1,3-Dichloropropene
Concen: 0.55 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

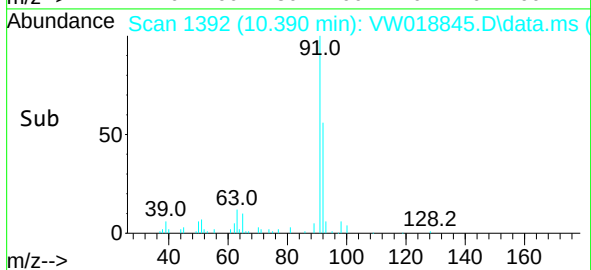
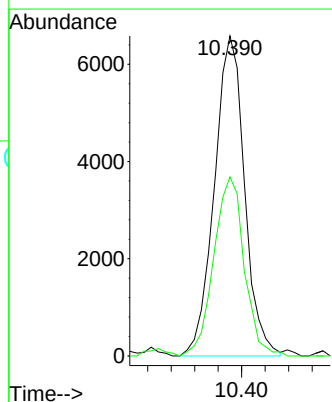
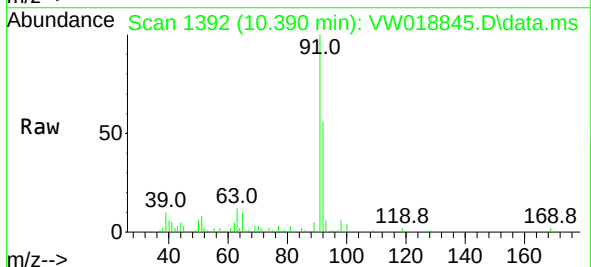
Instrument :
MSVOA_W
ClientSampled :

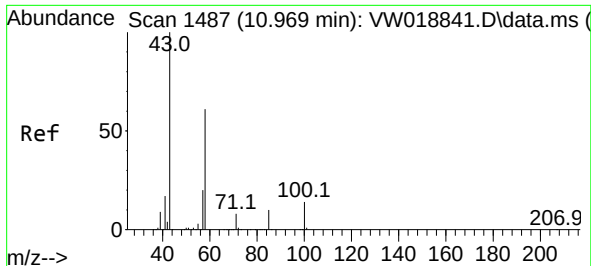
Tgt Ion: 75 Resp: 4412
Ion Ratio Lower Upper
75 100
77 55.6 22.6 42.0#



#42
Toluene
Concen: 0.51 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

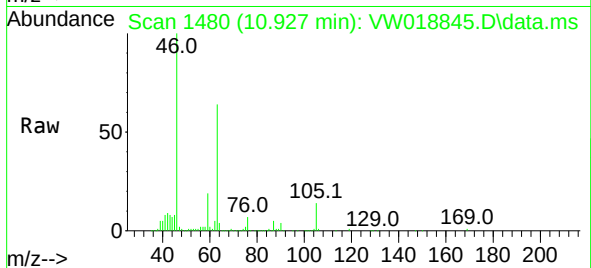
Tgt Ion: 91 Resp: 11723
Ion Ratio Lower Upper
91 100
92 55.9 39.5 73.3



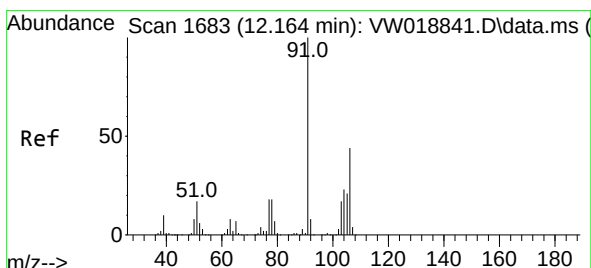
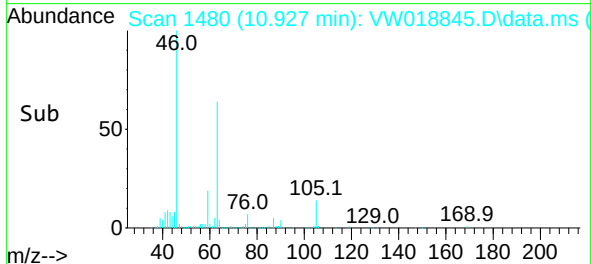
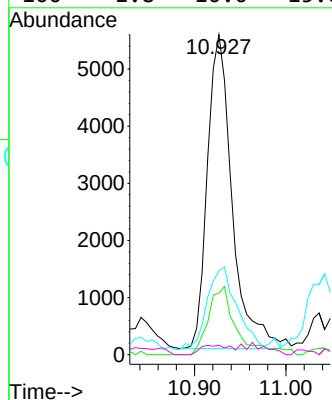


#48
2-Hexanone
Concen: 5.04 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Instrument :
MSVOA_W
ClientSampled :

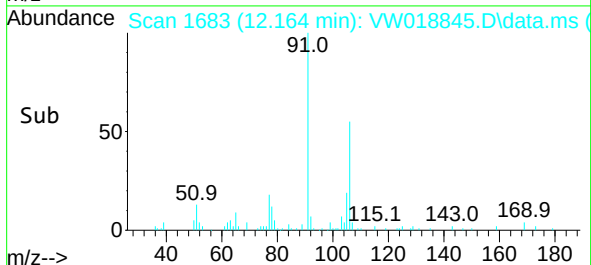
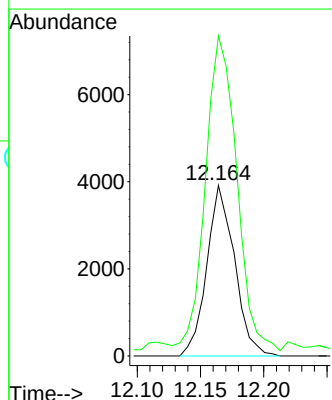
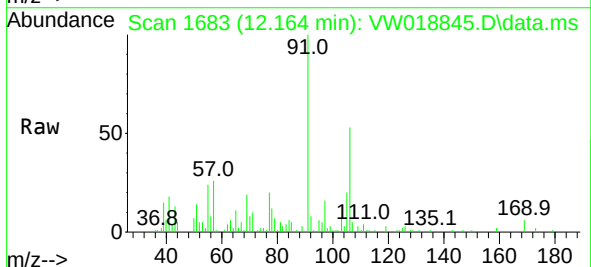


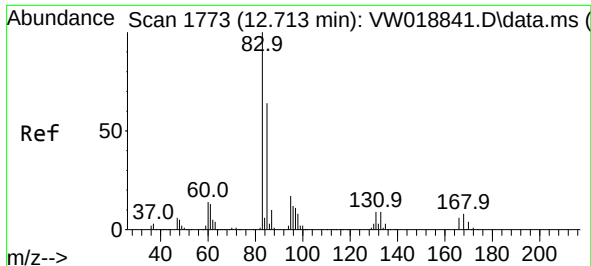
Tgt Ion: 43 Resp: 10332
Ion Ratio Lower Upper
43 100
58 21.7 42.7 64.1#
57 31.9 15.8 23.8#
100 1.8 10.0 15.0#



#54
o-Xylene
Concen: 0.66 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

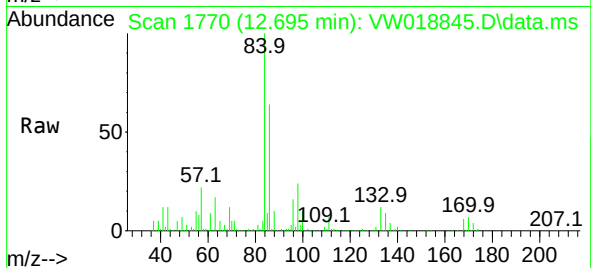
Tgt Ion: 106 Resp: 5977
Ion Ratio Lower Upper
106 100
91 187.5 150.0 278.6



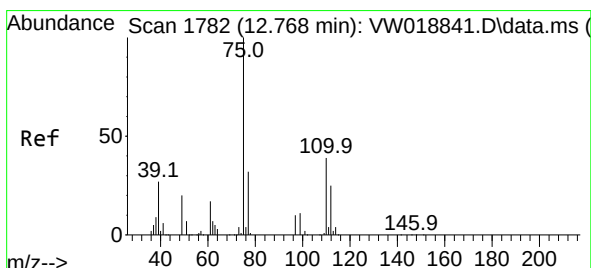
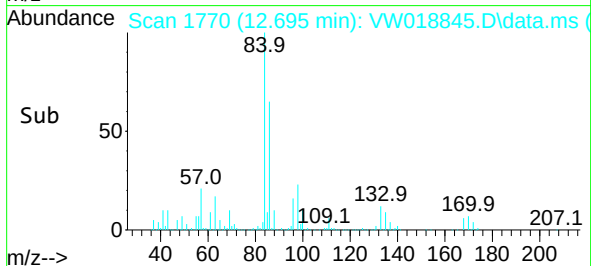
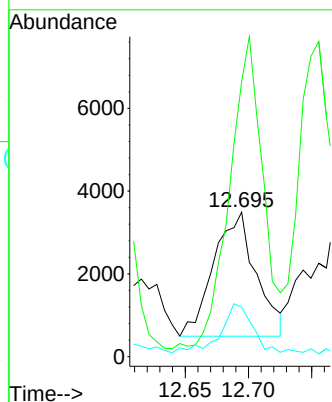


#57
1,1,2,2-Tetrachloroethane
Concen: 1.44 ug/L
RT: 12.695 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Instrument :
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ClientSampled :

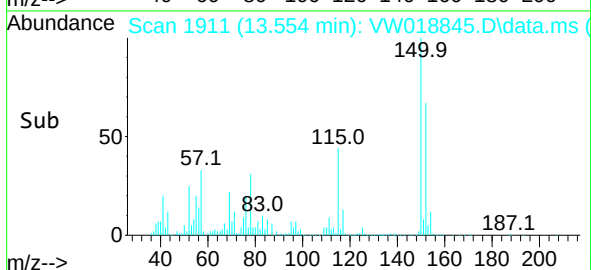
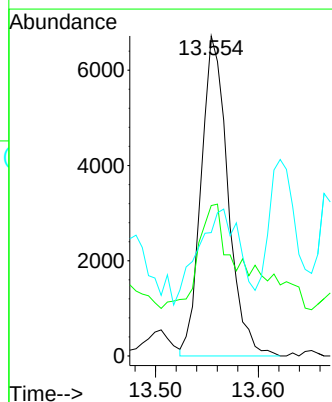
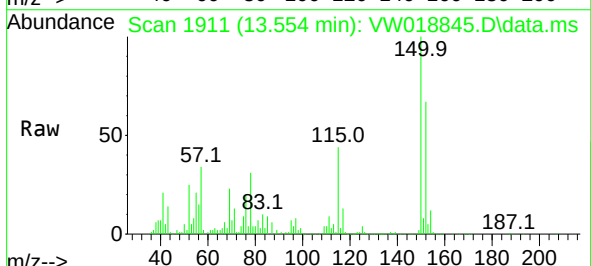


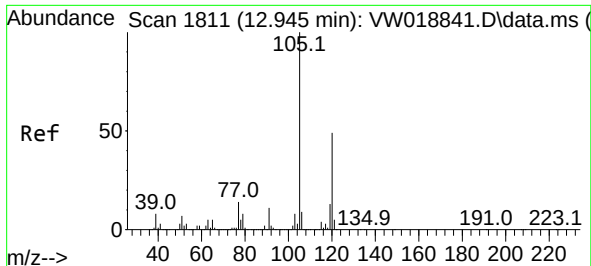
Tgt Ion: 83 Resp: 6985
Ion Ratio Lower Upper
83 100
85 190.3 44.4 82.4#
131 34.3 8.2 12.4#



#61
1,2,3-Trichloropropane
Concen: 7.02 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Tgt Ion: 75 Resp: 12183
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9
110 45.8 32.6 48.8

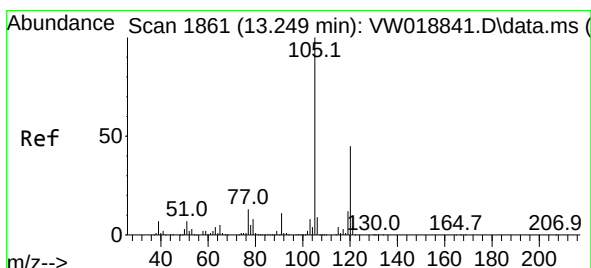
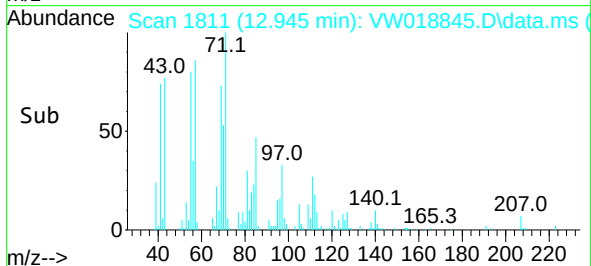
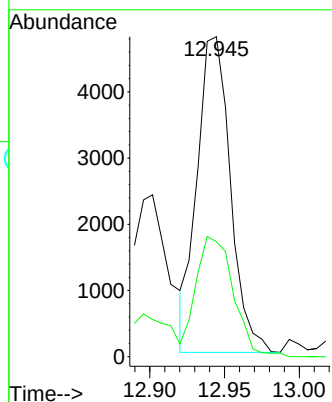
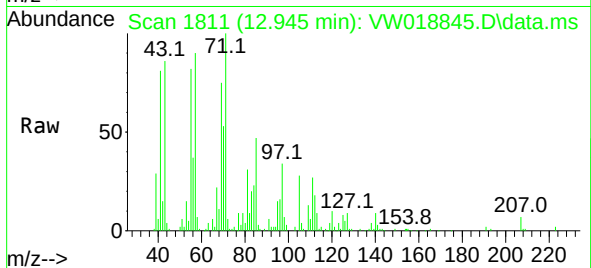




#62
1,3,5-Trimethylbenzene
Concen: 0.76 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

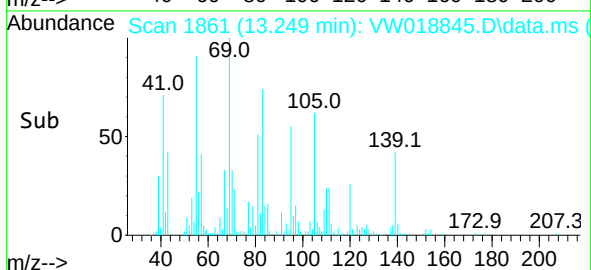
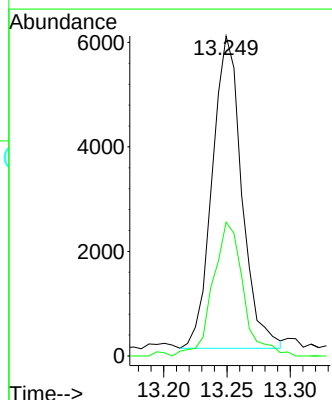
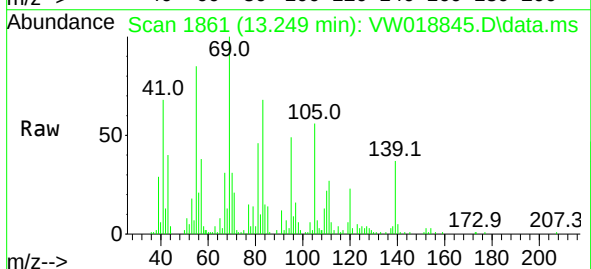
Instrument :
MSVOA_W
ClientSampleId :

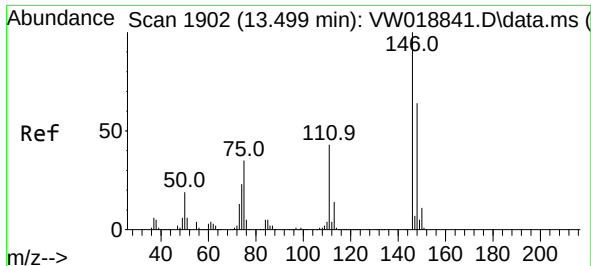
Tgt Ion:105 Resp: 7381
Ion Ratio Lower Upper
105 100
120 42.5 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 1.00 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Tgt Ion:105 Resp: 9720
Ion Ratio Lower Upper
105 100
120 43.8 35.6 53.4

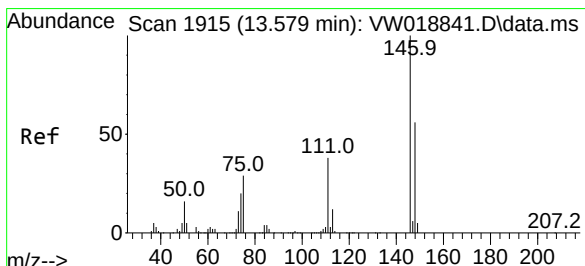
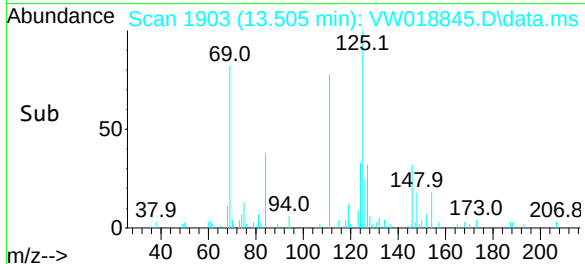
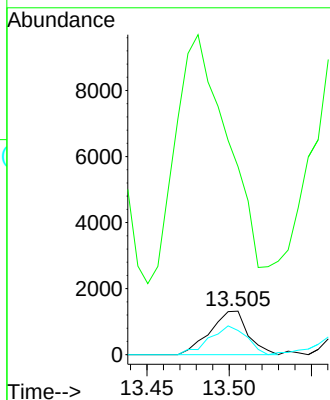
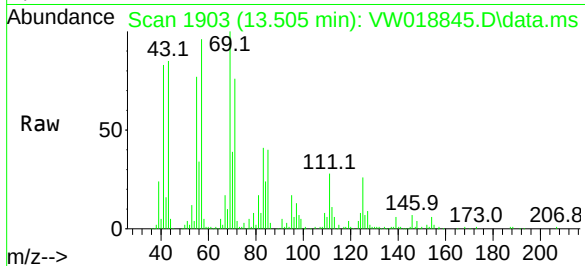




#64
1,3-Dichlorobenzene
Concen: 0.43 ug/L
RT: 13.505 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

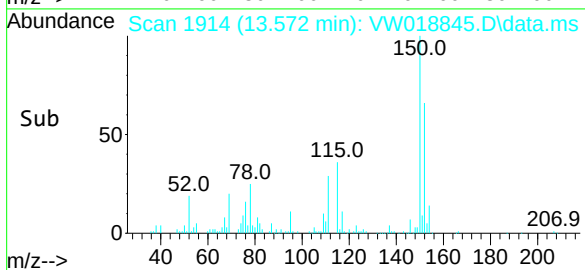
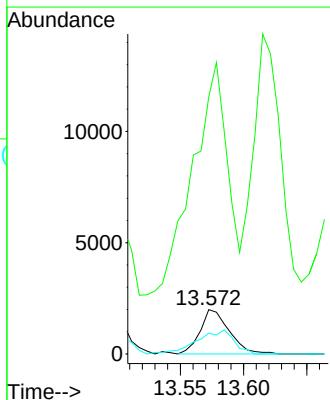
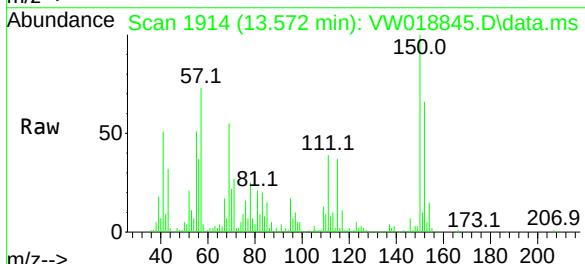
Instrument :
MSVOA_W
ClientSampleId :

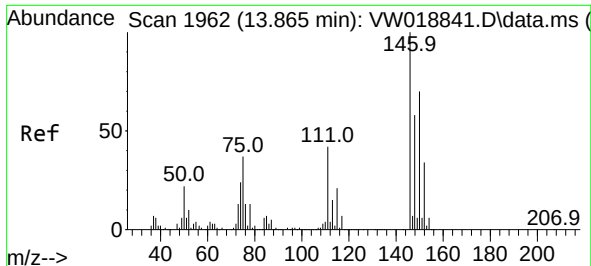
Tgt Ion:146 Resp: 2106
Ion Ratio Lower Upper
146 100
111 432.2 26.7 49.7#
148 55.6 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 0.64 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

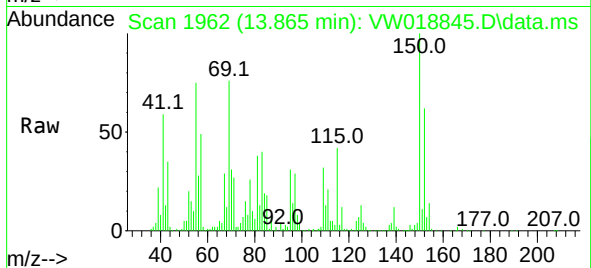
Tgt Ion:146 Resp: 3192
Ion Ratio Lower Upper
146 100
111 580.3 28.8 53.4#
148 46.9 46.8 87.0



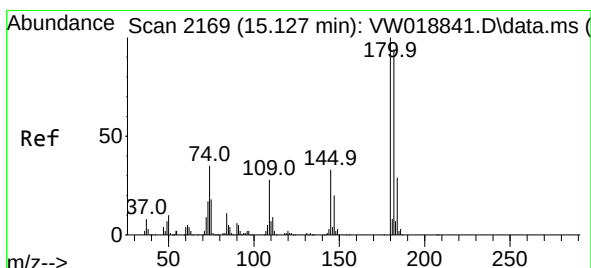
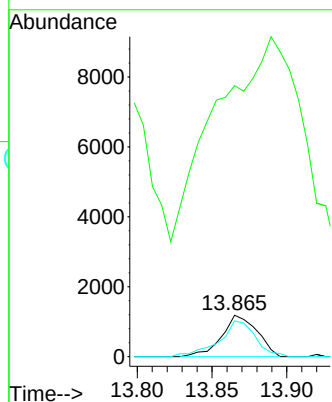
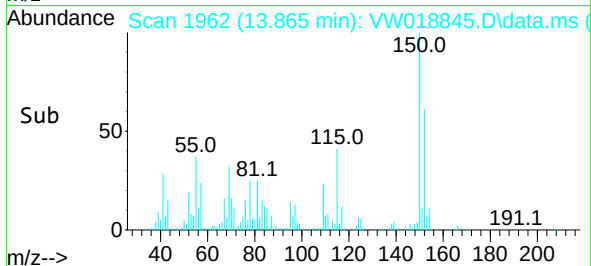


#67
1,2-Dichlorobenzene
Concen: 0.44 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

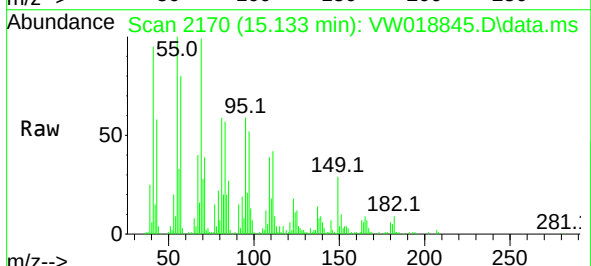
Instrument :
MSVOA_W
ClientSampleId :



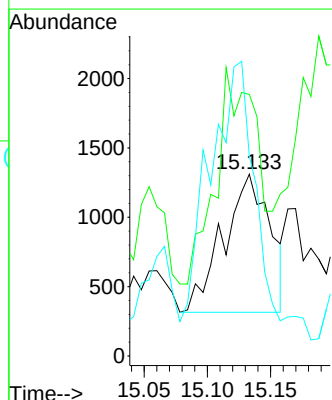
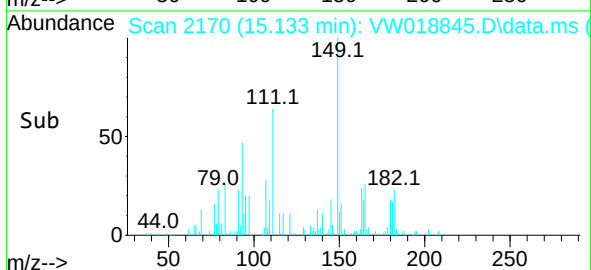
Tgt Ion:146 Resp: 1954
Ion Ratio Lower Upper
146 100
111 655.0 33.2 49.8#
148 86.5 50.4 75.6#

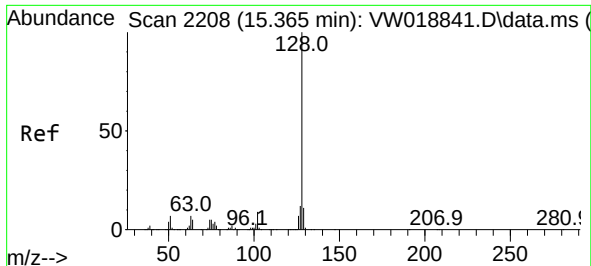


#70
1,2,4-trichlorobenzene
Concen: 0.86 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06



Tgt Ion:180 Resp: 2541
Ion Ratio Lower Upper
180 100
182 68.9 74.7 112.1#
145 173.2 25.0 37.4#

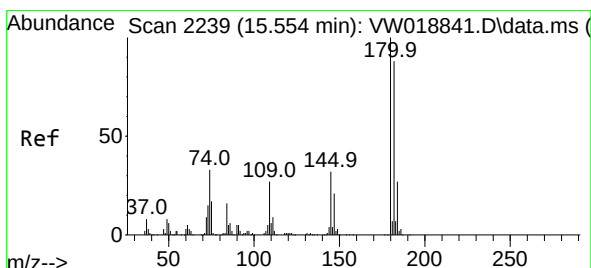
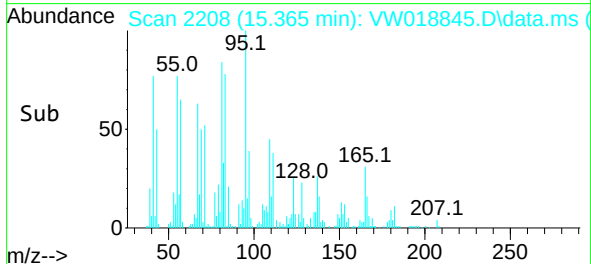
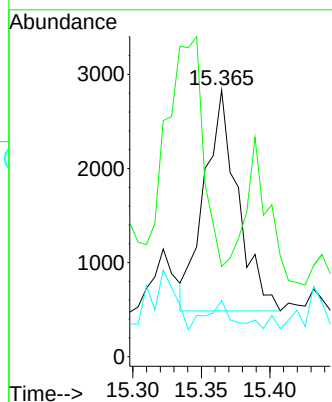
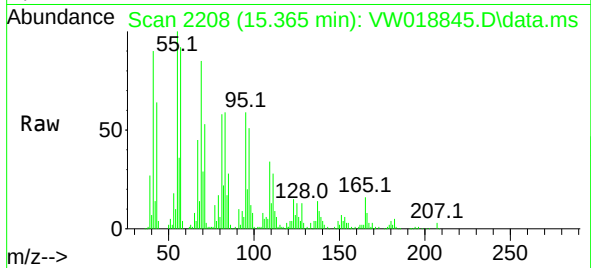




#71
Naphthalene
Concen: 0.64 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 3974
Ion Ratio Lower Upper
128 100
127 46.9 10.6 15.8#
129 7.0 9.0 13.6#



#72
1,2,3-Trichlorobenzene
Concen: 0.90 ug/L
RT: 15.578 min Scan# 2243
Delta R.T. 0.024 min
Lab File: VW018845.D
Acq: 29 Apr 2021 15:06

Tgt Ion:180 Resp: 2351
Ion Ratio Lower Upper
180 100
182 8.6 76.7 115.1#
145 0.0 28.9 43.3#

