

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081621\
 Data File : VW019746.D
 Acq On : 16 Aug 2021 11:56
 Operator : SY/VA
 Sample : M3365-11
 Misc : 12.2g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 17 01:52:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Aug 17 01:50:39 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.847	114	13947	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	10716	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	3036	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	819	5.029	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	20.120%#
7) Chloroethane-d5	2.891	69	4888	30.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.440%
11) 1,1-Dichloroethene-d2	4.214	63	50	0.149	ug/L	0.19
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.600%#
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.000%#
24) Chloroform-d	7.659	84	8488	20.130	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.520%
26) 1,2-Dichloroethane-d4	8.305	65	10719	43.669	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	174.680%#
32) Benzene-d6	8.280	84	20692	29.164	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.640%
36) 1,2-Dichloropropane-d6	9.280	67	9827	46.039	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	184.160%#
41) Toluene-d8	10.329	98	9431	14.572	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.280%
43) trans-1,3-Dichloroprop...	10.585	79	361	4.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	16.400%#
47) 2-Hexanone-d5	10.768	63	200	5.341	ug/L	-0.16
Spiked Amount	50.000	Range	20 - 135	Recovery	=	10.680%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	6230	33.637	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	134.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	4938	44.099	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	176.400%#
Target Compounds						
					Qvalue	
3) Chloromethane	2.227	50	63	0.408	ug/L #	42
8) Chloroethane	2.934	64	215	1.536	ug/L #	41
13) Acetone	4.135	43	1566	35.819	ug/L	85
15) Methyl Acetate	4.671	43	254	3.107	ug/L #	50
16) Methylene chloride	4.915	84	6127	26.288	ug/L	91
34) Trichloroethene	8.847	95	440	2.390	ug/L #	5
35) Methylcyclohexane	9.274	83	2483	8.149	ug/L #	19
37) 1,2-Dichloropropane	9.274	63	1191	6.417	ug/L #	85
42) Toluene	10.390	91	347	0.445	ug/L	91
61) 1,2,3-Trichloropropane	13.554	75	486	7.078	ug/L #	50
64) 1,3-Dichlorobenzene	13.493	146	102	0.507	ug/L #	28
65) 1,4-Dichlorobenzene	13.572	146	162	0.799	ug/L #	23
67) 1,2-Dichlorobenzene	13.871	146	175	0.992	ug/L #	25
69) 1,3,5-Trichlorobenzene	14.627	180	88	0.685	ug/L #	42
70) 1,2,4-trichlorobenzene	15.127	180	124	1.147	ug/L #	49
71) Naphthalene	15.365	128	260	1.237	ug/L #	69
72) 1,2,3-Trichlorobenzene	15.547	180	70	0.732	ug/L #	1

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Aug 17 01:52:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM081121SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Aug 17 01:50:39 2021
Response via : Initial Calibration

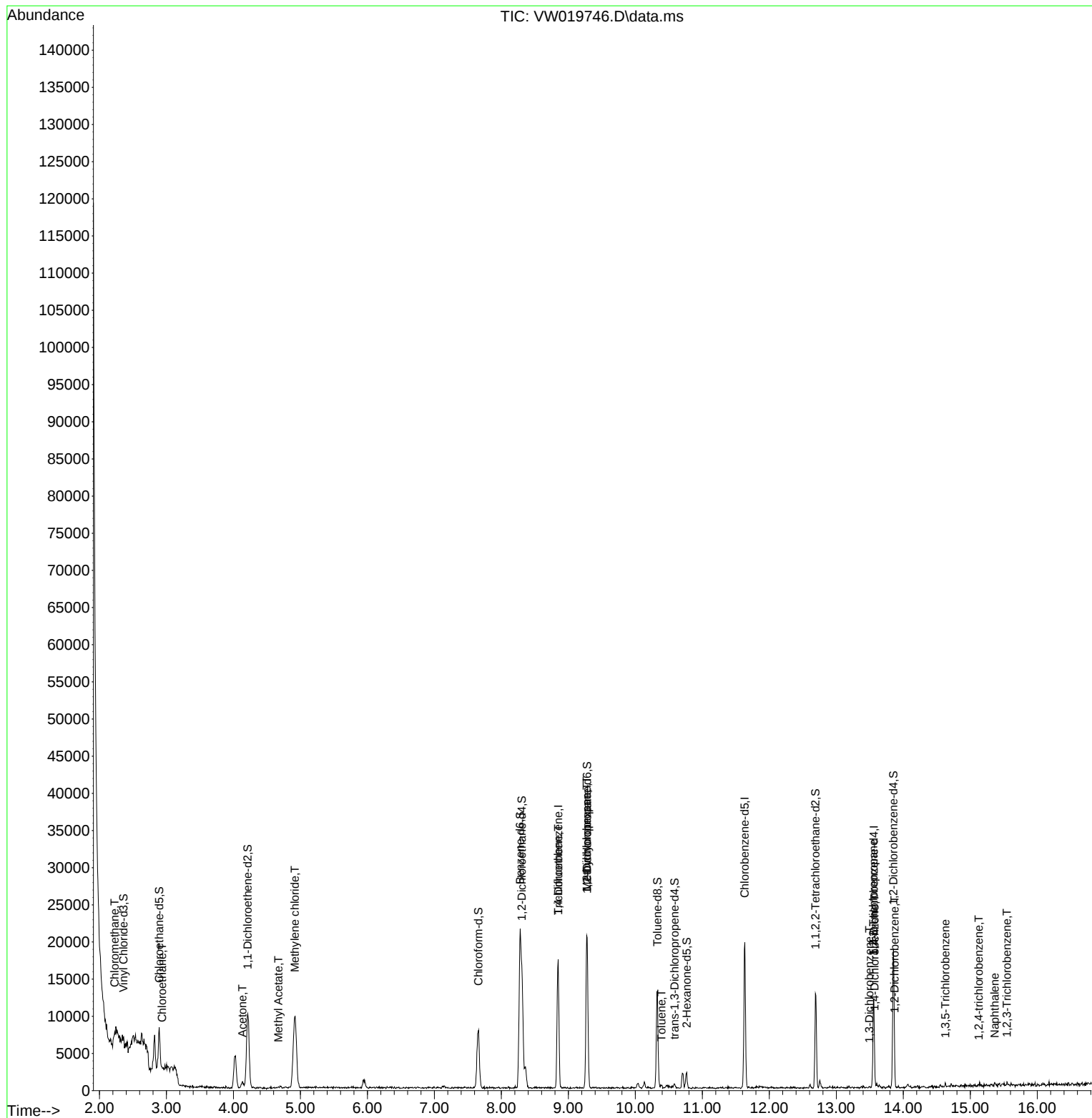
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

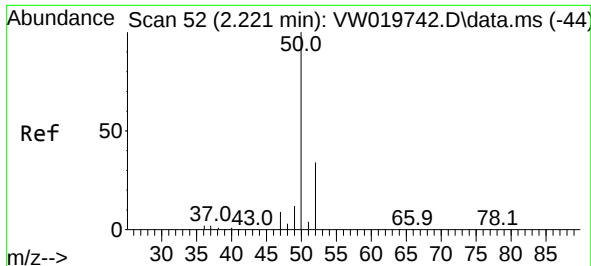
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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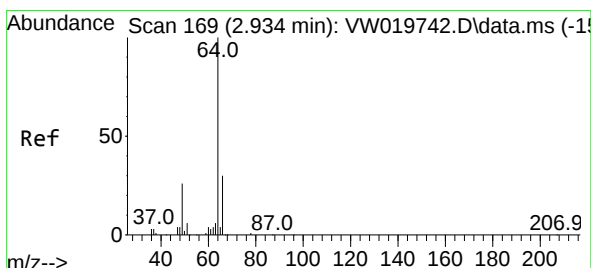
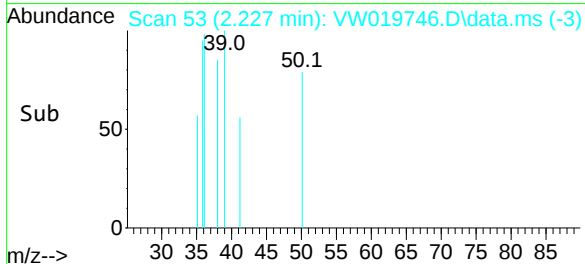
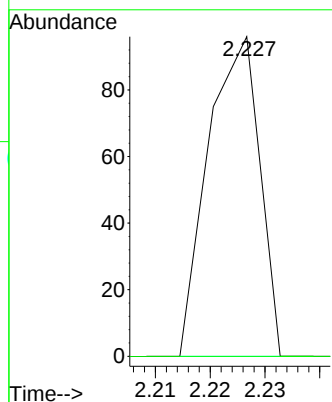
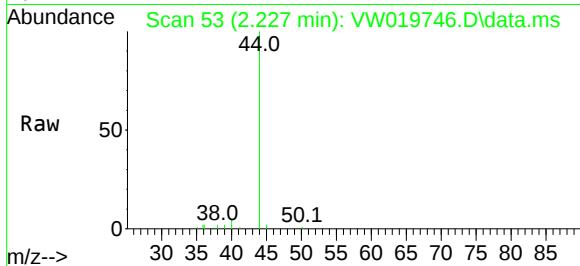




#3
Chloromethane
Concen: 0.408 ug/L
RT: 2.227 min Scan# 53
Delta R.T. 0.006 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

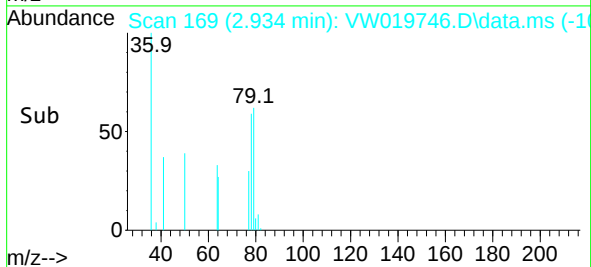
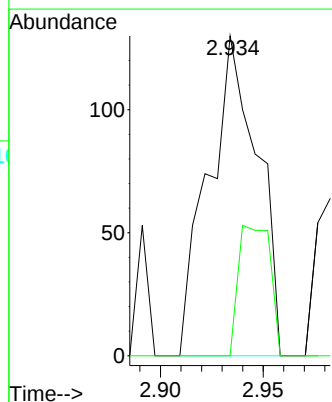
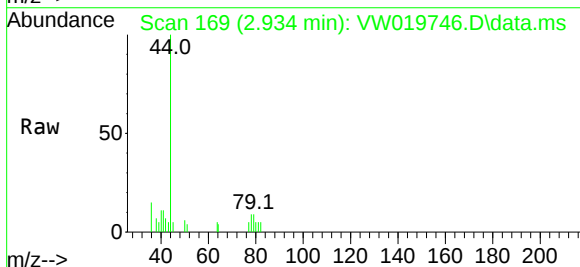
Instrument :
MSVOA_W
ClientSampled :

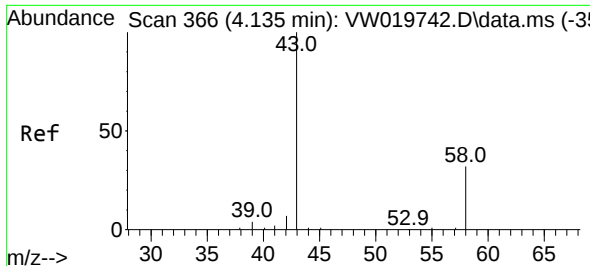
Tgt Ion: 50 Resp: 63
Ion Ratio Lower Upper
50 100
52 0.0 22.5 41.9#



#8
Chloroethane
Concen: 1.536 ug/L
RT: 2.934 min Scan# 169
Delta R.T. -0.000 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

Tgt Ion: 64 Resp: 215
Ion Ratio Lower Upper
64 100
66 0.0 23.4 43.6#

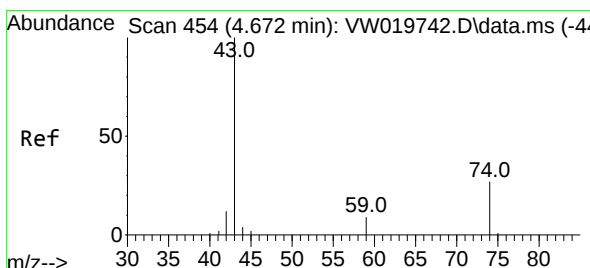
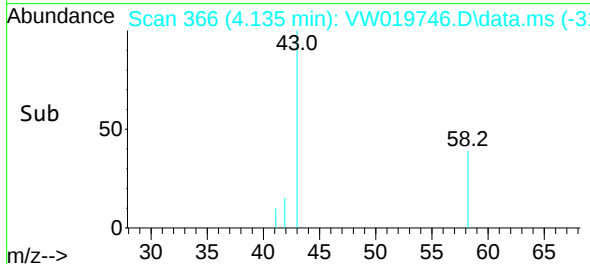
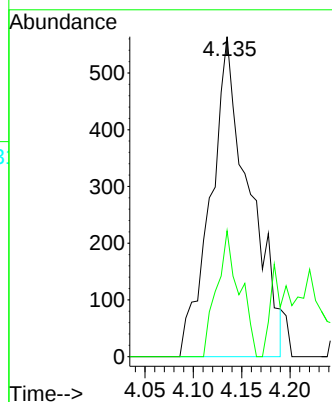
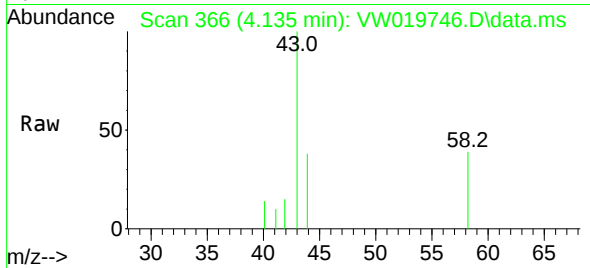




#13
Acetone
Concen: 35.819 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

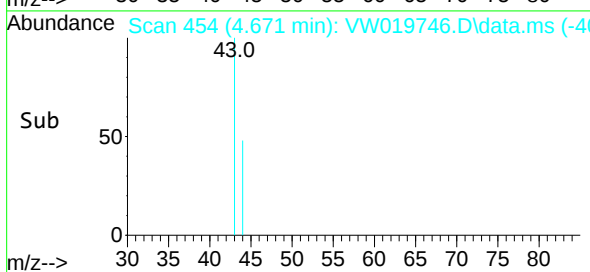
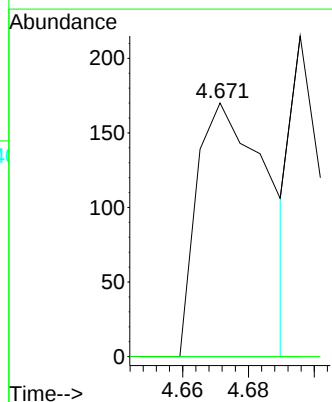
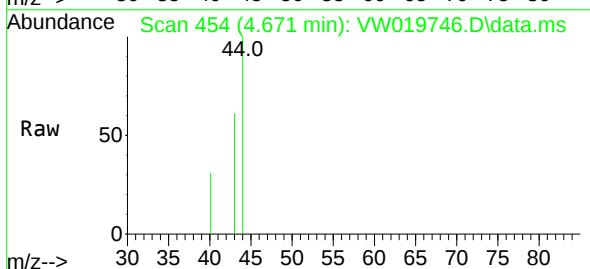
Instrument :
MSVOA_W
ClientSampled :

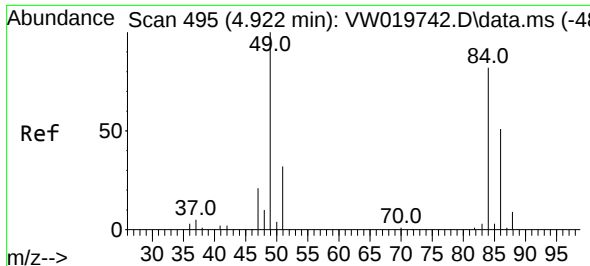
Tgt Ion: 43 Resp: 1566
Ion Ratio Lower Upper
43 100
58 18.9 0.0 53.8



#15
Methyl Acetate
Concen: 3.107 ug/L
RT: 4.671 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

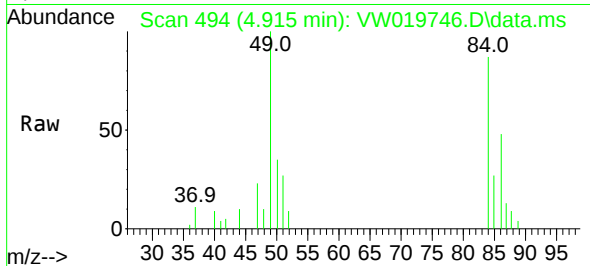
Tgt Ion: 43 Resp: 254
Ion Ratio Lower Upper
43 100
74 0.0 20.0 30.0#



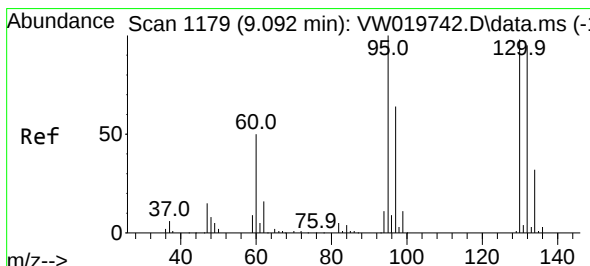
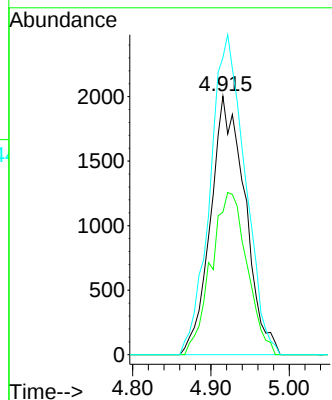
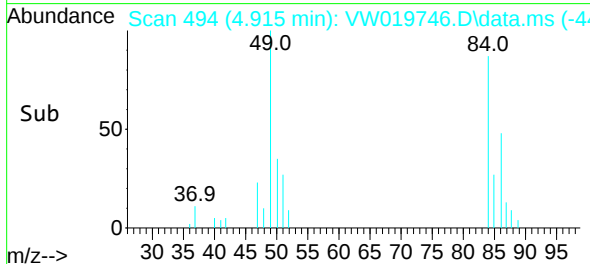


#16
Methylene chloride
Concen: 26.288 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

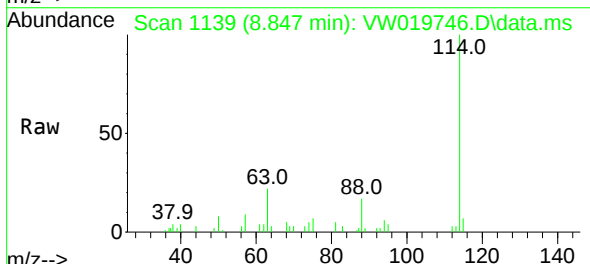
Instrument :
MSVOA_W
ClientSampled :



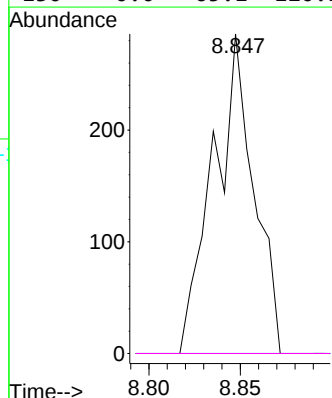
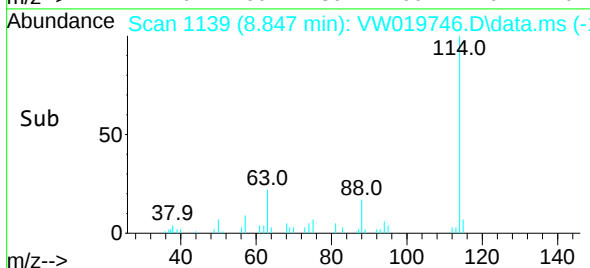
Tgt Ion: 84 Resp: 6127
Ion Ratio Lower Upper
84 100
86 55.2 45.3 84.1
49 115.0 86.6 160.8

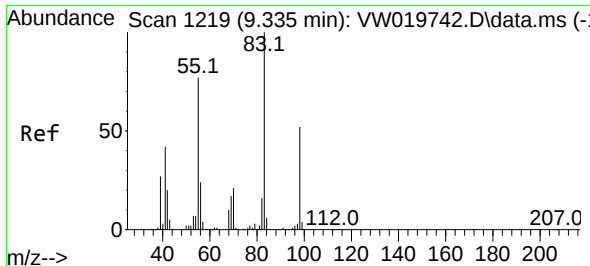


#34
Trichloroethene
Concen: 2.390 ug/L
RT: 8.847 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56



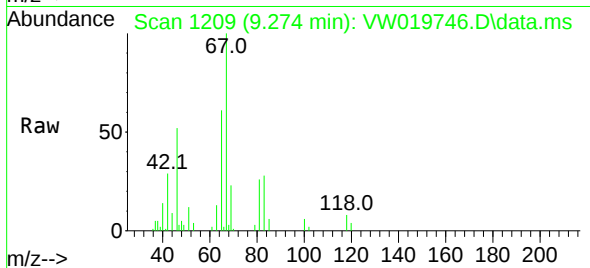
Tgt Ion: 95 Resp: 440
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#



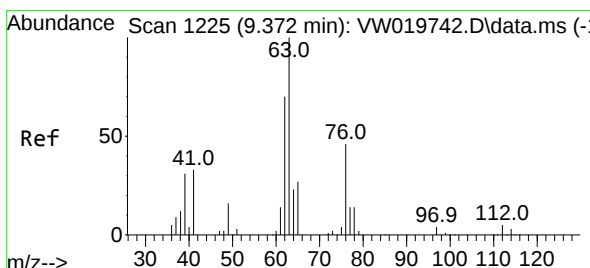
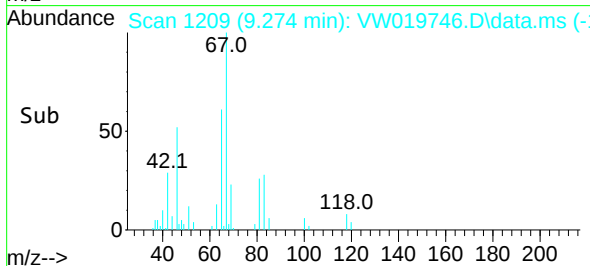
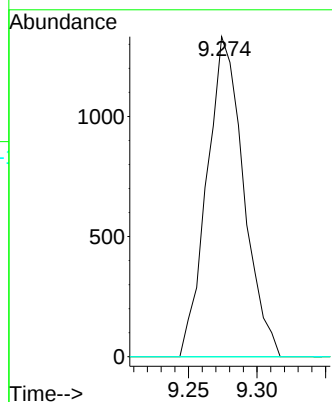


#35
Methylcyclohexane
Concen: 8.149 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

Instrument :
MSVOA_W
ClientSampleId :

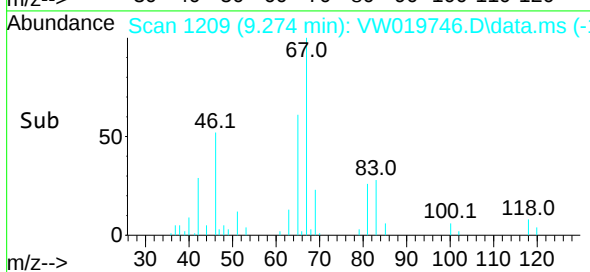
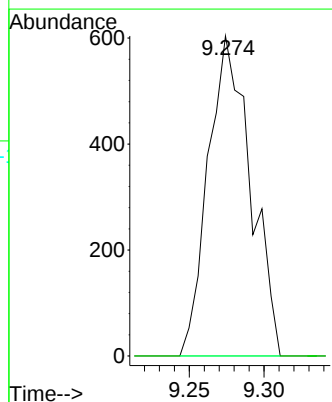
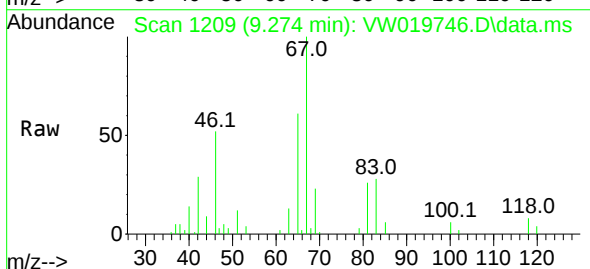


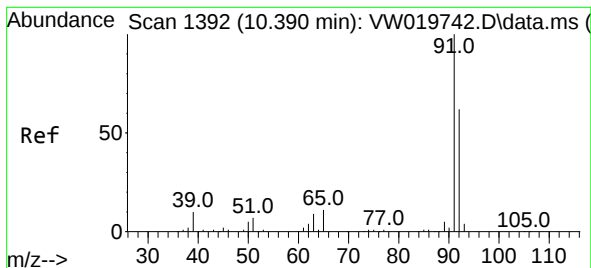
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	0.0	40.1	60.1#



#37
1,2-Dichloropropane
Concen: 6.417 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.9	5.9#





#42

Toluene

Concen: 0.445 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW019746.D

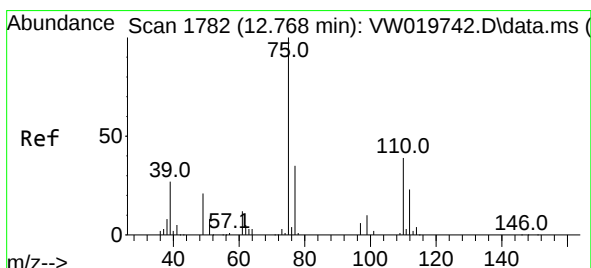
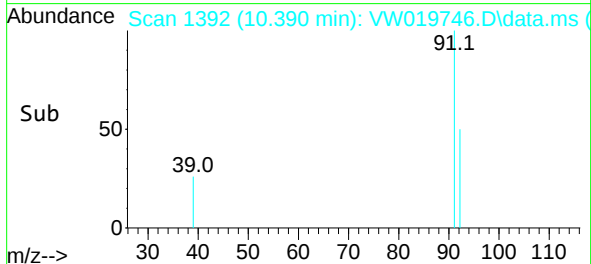
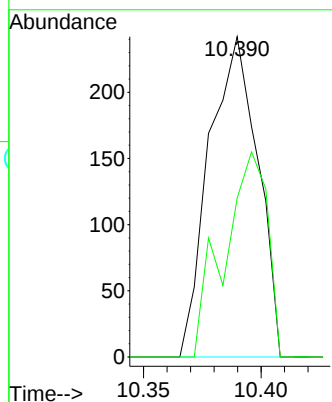
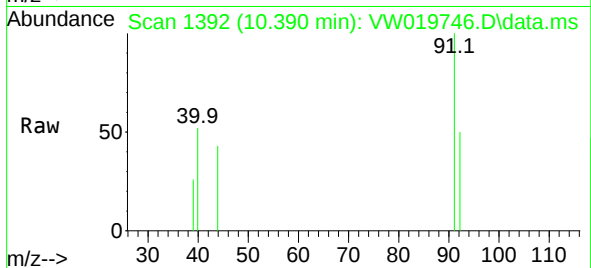
Acq: 16 Aug 2021 11:56

Tgt Ion: 91 Resp: 347

Ion Ratio Lower Upper

91 100

92 49.6 39.5 73.3



#61

1,2,3-Trichloropropane

Concen: 7.078 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW019746.D

Acq: 16 Aug 2021 11:56

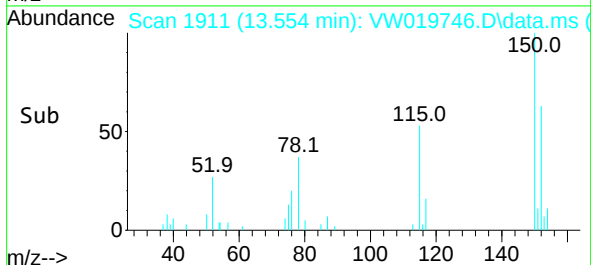
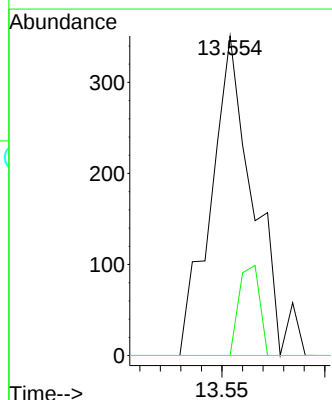
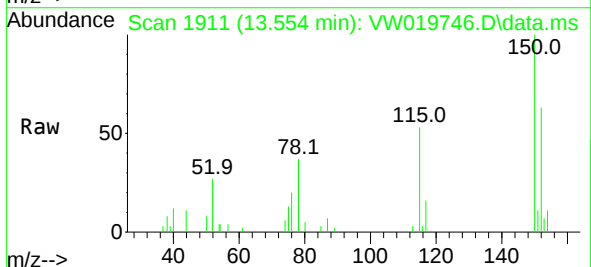
Tgt Ion: 75 Resp: 486

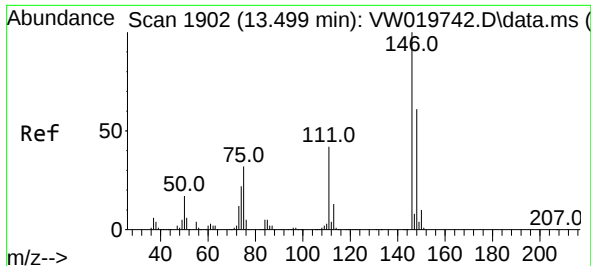
Ion Ratio Lower Upper

75 100

77 14.2 25.3 37.9#

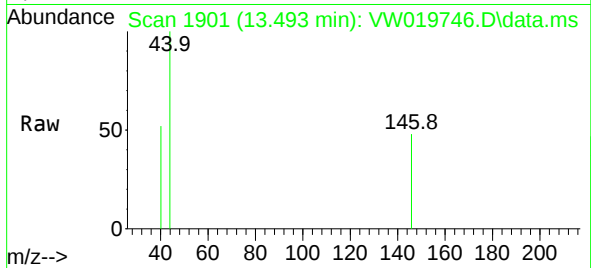
110 0.0 32.6 48.8#



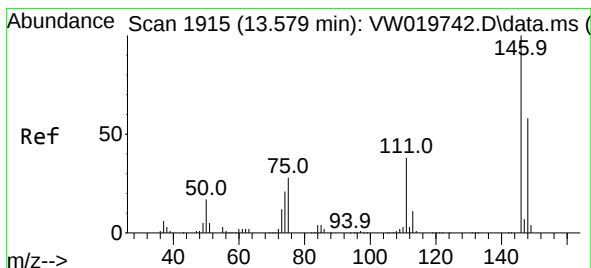
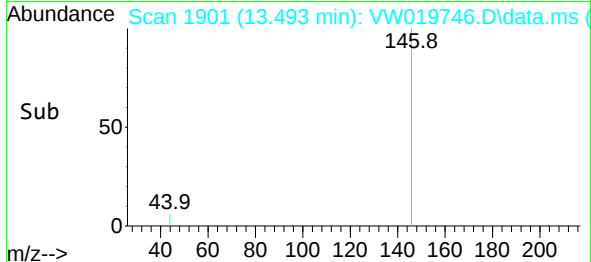
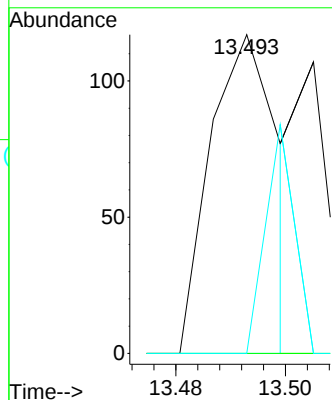


#64
1,3-Dichlorobenzene
Concen: 0.507 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

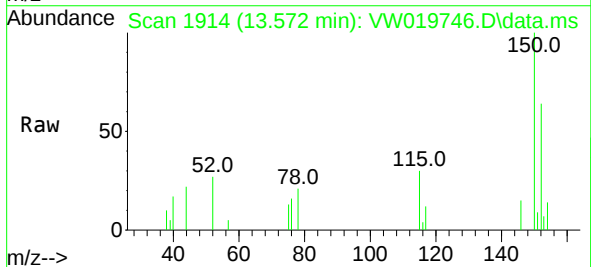
Instrument :
MSVOA_W
ClientSampled :



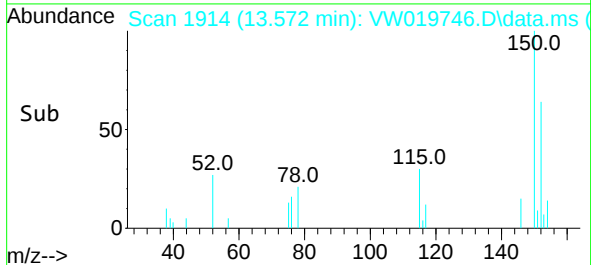
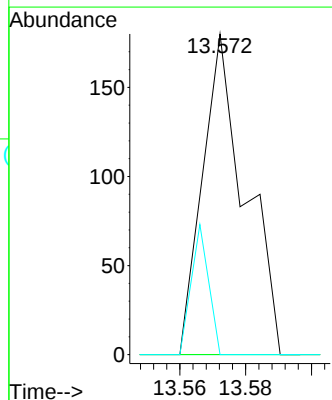
Tgt Ion:146 Resp: 102
Ion Ratio Lower Upper
146 100
111 0.0 26.7 49.7#
148 0.0 41.1 76.3#

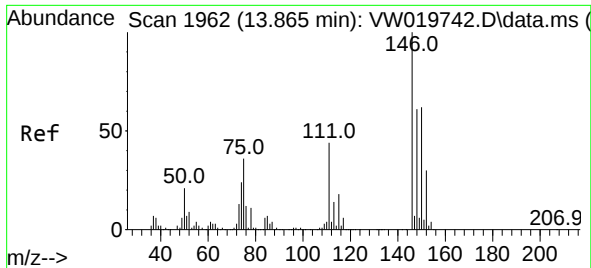


#65
1,4-Dichlorobenzene
Concen: 0.799 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56



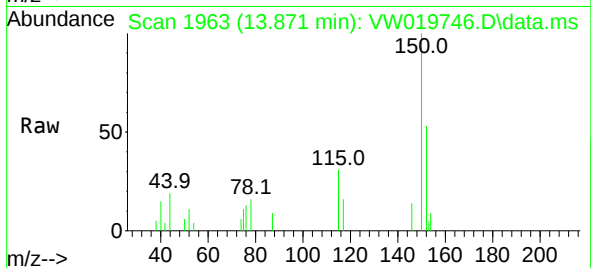
Tgt Ion:146 Resp: 162
Ion Ratio Lower Upper
146 100
111 0.0 28.8 53.4#
148 0.0 46.8 87.0#



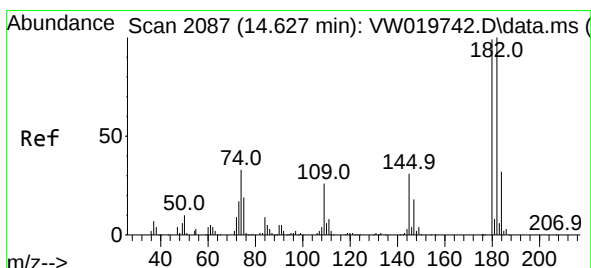
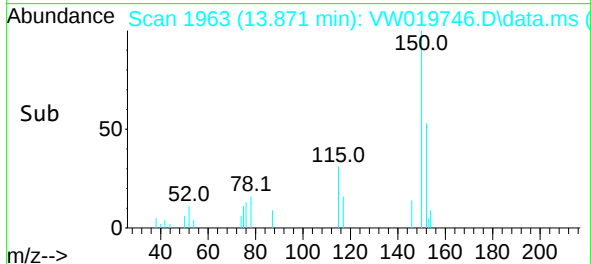
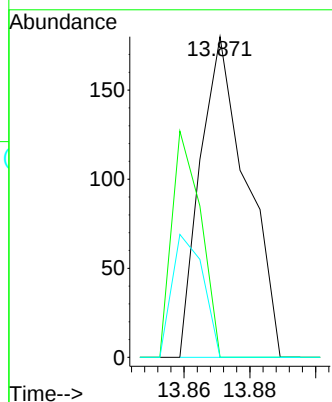


#67
1,2-Dichlorobenzene
Concen: 0.992 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

Instrument :
MSVOA_W
ClientSampled :

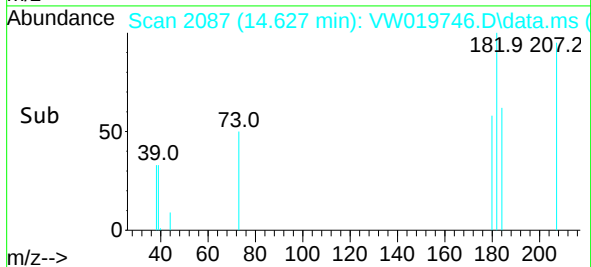
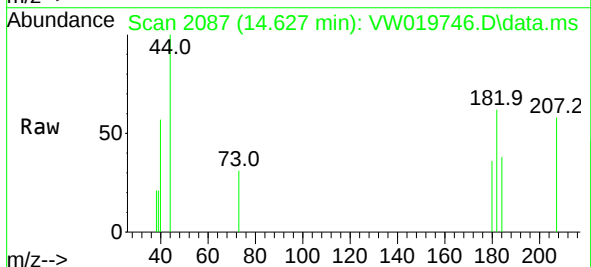
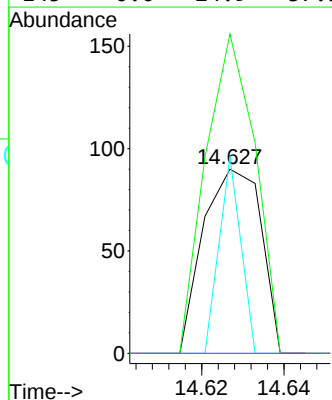


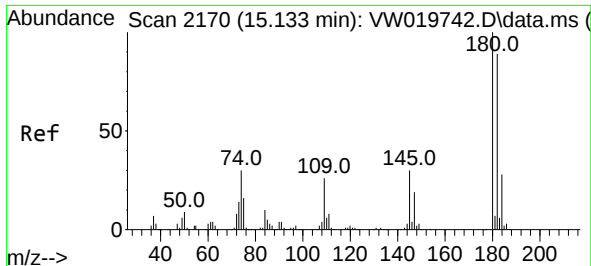
Tgt Ion:146 Resp: 175
Ion Ratio Lower Upper
146 100
111 0.0 33.2 49.8#
148 0.0 50.4 75.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.685 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

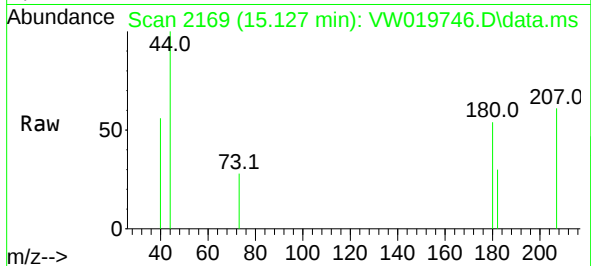
Tgt Ion:180 Resp: 88
Ion Ratio Lower Upper
180 100
182 147.7 73.4 110.2#
184 0.0 23.6 35.4#
145 0.0 24.9 37.3#



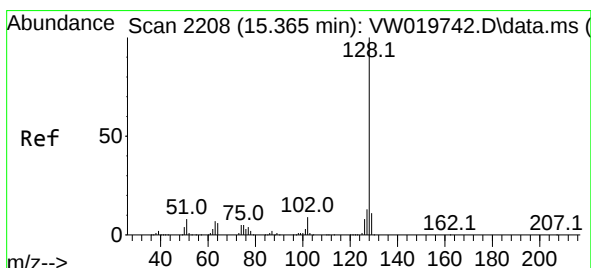
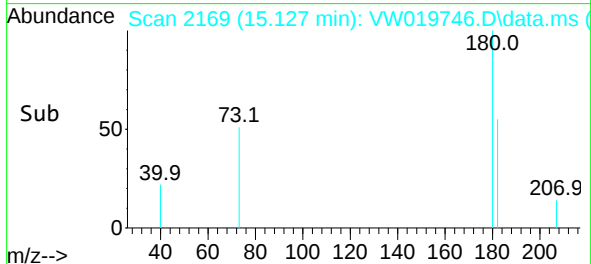
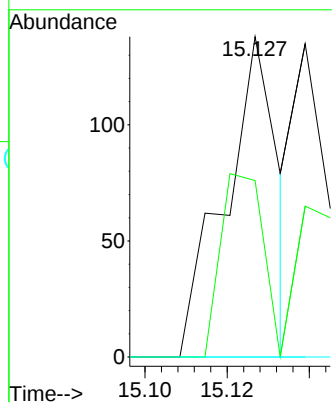


#70
1,2,4-trichlorobenzene
Concen: 1.147 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56

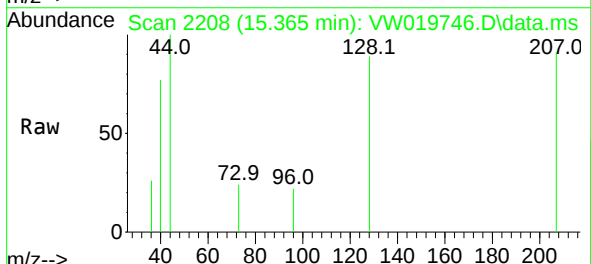
Instrument :
MSVOA_W
ClientSampled :



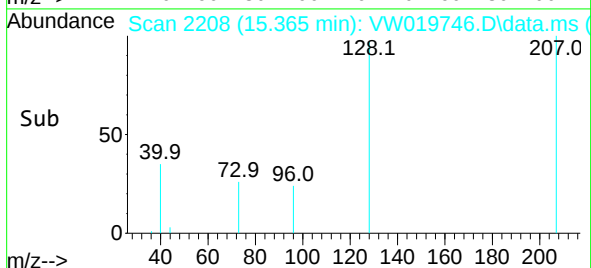
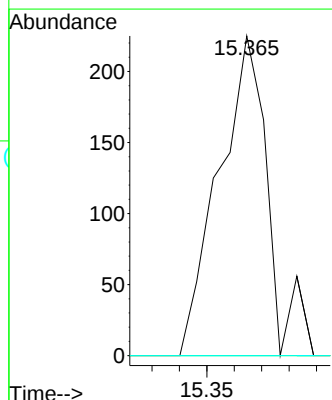
Tgt Ion:180 Resp: 124
Ion Ratio Lower Upper
180 100
182 46.0 74.7 112.1#
145 0.0 25.0 37.4#

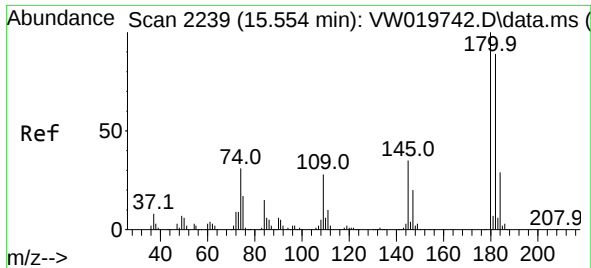


#71
Naphthalene
Concen: 1.237 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019746.D
Acq: 16 Aug 2021 11:56



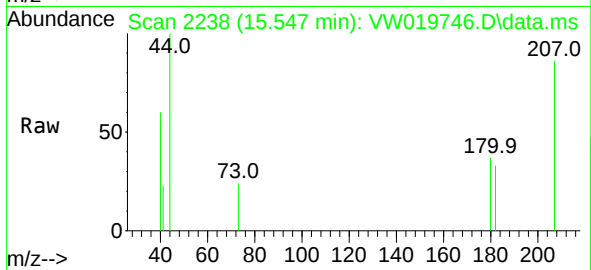
Tgt Ion:128 Resp: 260
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 9.0 13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.732 ug/L
 RT: 15.547 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW019746.D
 Acq: 16 Aug 2021 11:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	70
Ion	Ratio	Lower	Upper
180	100		
182	245.7	76.7	115.1#
145	0.0	28.9	43.3#

