

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW030322\
 Data File : VW022165.D
 Acq On : 03 Mar 2022 15:48
 Operator : SY/VA
 Sample : N1733-07
 Misc : 5.28g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 04 00:34:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 04 00:31:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	11099	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	9918	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	4221	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	2888	19.950	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.800%
7) Chloroethane-d5	2.891	69	2259	19.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
11) 1,1-Dichloroethene-d2	4.025	63	4198	18.936	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.760%
21) 2-Butanone-d5	7.085	46	1037	42.604	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.200%
24) Chloroform-d	7.652	84	6695	27.036	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	108.160%
26) 1,2-Dichloroethane-d4	8.305	65	3664	28.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.840%
32) Benzene-d6	8.280	84	11696	25.339	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.360%
36) 1,2-Dichloropropane-d6	9.274	67	3619	28.232	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.920%
41) Toluene-d8	10.323	98	10061	21.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.680%
43) trans-1,3-Dichloroprop...	10.579	79	1241	21.835	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.320%
47) 2-Hexanone-d5	10.926	63	1012	48.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	3227	28.685	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.720%
66) 1,2-Dichlorobenzene-d4	13.846	152	3713	27.387	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.560%
Target Compounds						Qvalue
13) Acetone	4.123	43	251	12.626	ug/L	95
15) Methyl Acetate	4.677	43	51	1.140	ug/L #	46
33) Benzene	8.341	78	476	0.993	ug/L	100
34) Trichloroethene	8.841	95	339	2.469	ug/L #	4
37) 1,2-Dichloropropane	9.268	63	444	3.969	ug/L #	85
57) 1,1,2,2-Tetrachloroethane	12.713	83	108	0.938	ug/L #	27
61) 1,2,3-Trichloropropane	13.493	75	104	1.561	ug/L #	35
62) 1,3,5-Trimethylbenzene	12.944	105	148	0.439	ug/L #	26
63) 1,2,4-Trimethylbenzene	13.249	105	273	0.663	ug/L #	74
64) 1,3-Dichlorobenzene	13.487	146	323	1.285	ug/L	90
65) 1,4-Dichlorobenzene	13.572	146	319	1.266	ug/L #	74
67) 1,2-Dichlorobenzene	13.865	146	329	1.472	ug/L #	68
69) 1,3,5-Trichlorobenzene	14.627	180	320	1.774	ug/L #	81
70) 1,2,4-trichlorobenzene	15.133	180	339	2.483	ug/L #	78
71) Naphthalene	15.364	128	629	2.610	ug/L #	68
72) 1,2,3-Trichlorobenzene	15.553	180	382	3.235	ug/L #	74

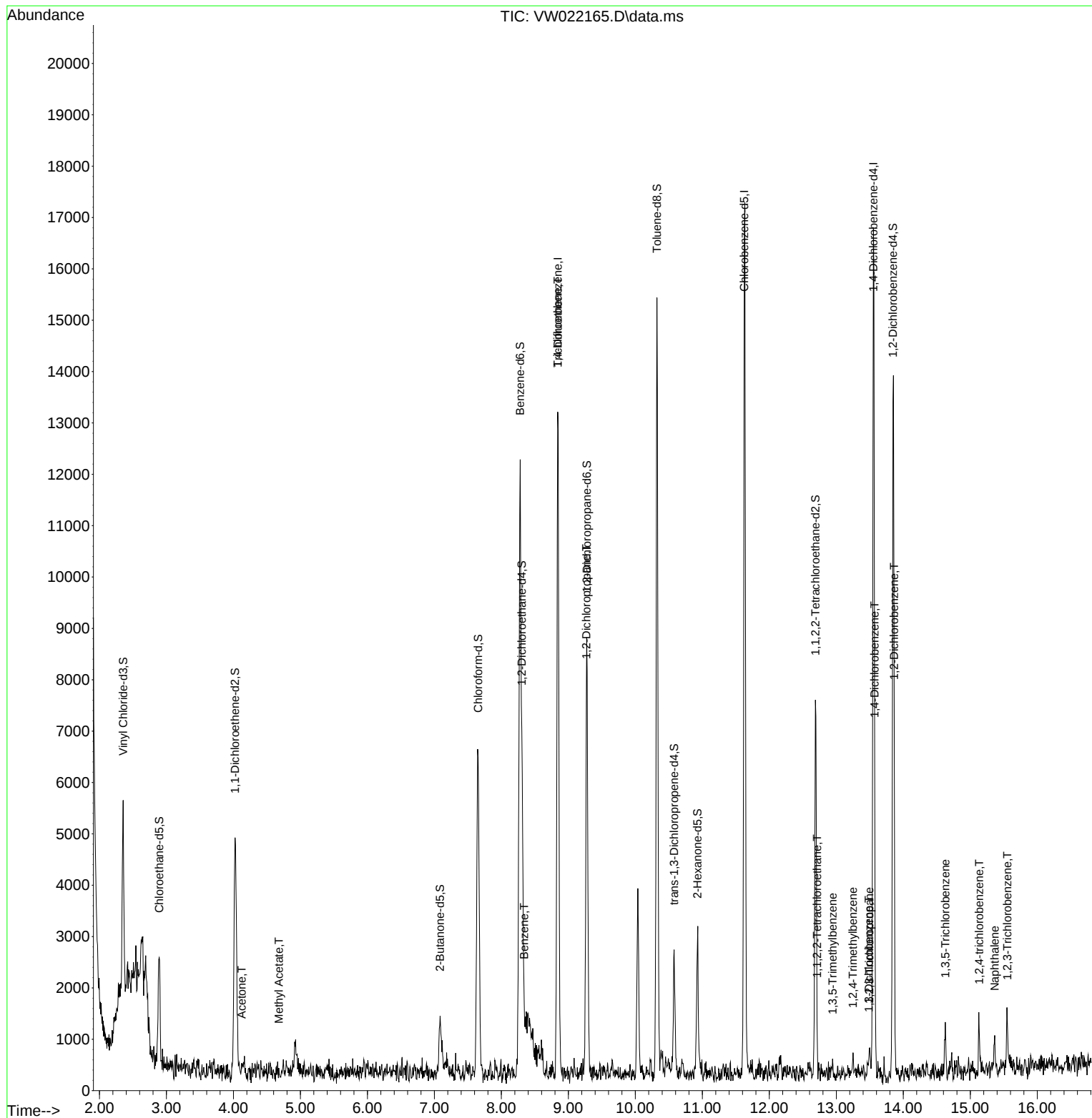
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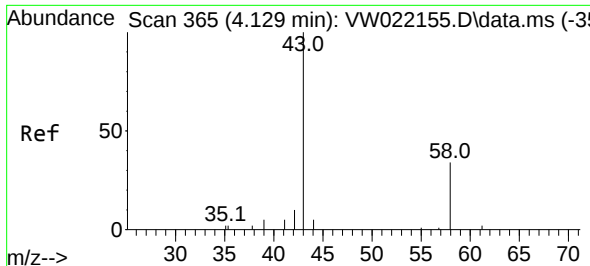
Instrument :
MSVOA_W
ClientSampleId :

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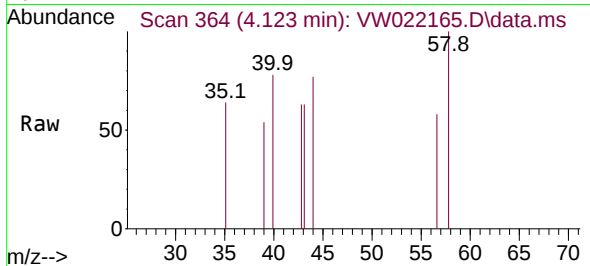
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Quant Title : SFAM01.0
QLast Update : Fri Mar 04 00:31:34 2022
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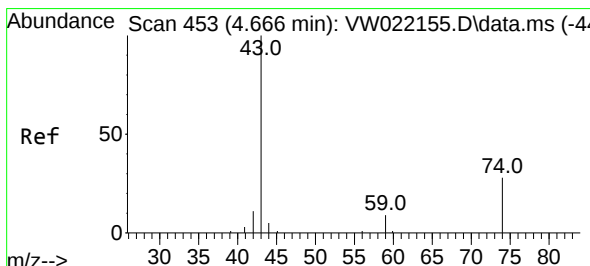
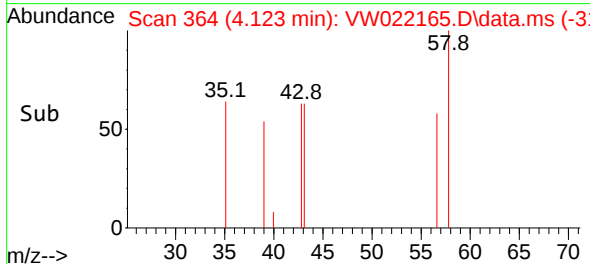
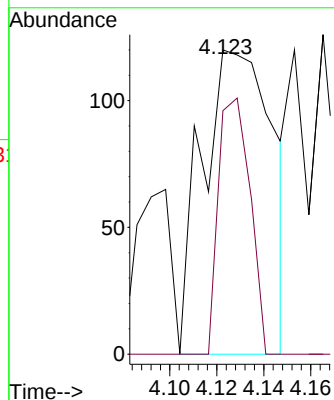


#13
Acetone
Concen: 12.626 ug/L
RT: 4.123 min Scan# 301
Delta R.T. -0.006 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

Instrument :
MSVOA_W
ClientSampleId :

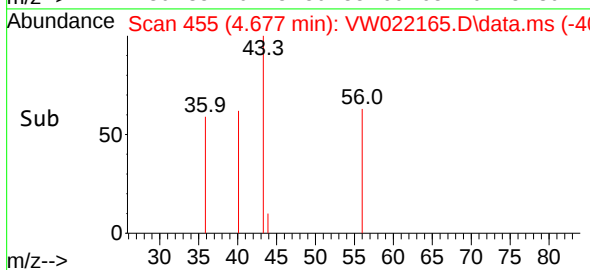
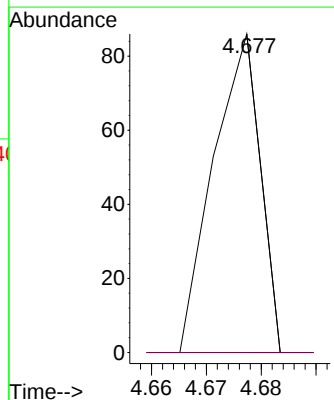
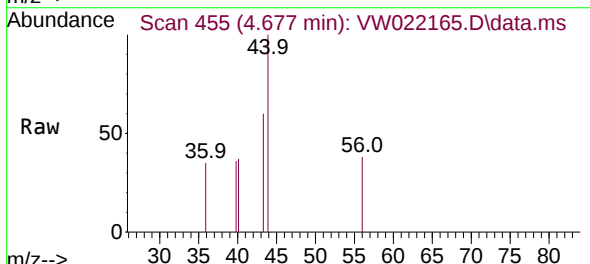


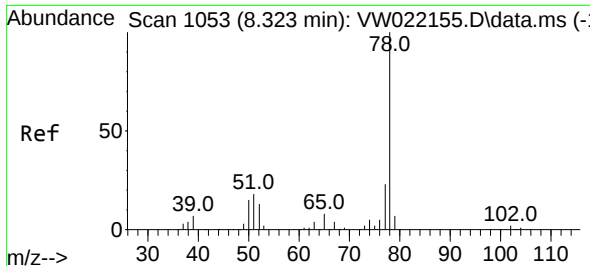
Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
58 37.5 0.0 69.2



#15
Methyl Acetate
Concen: 1.140 ug/L
RT: 4.677 min Scan# 455
Delta R.T. 0.012 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

Tgt Ion: 43 Resp: 51
Ion Ratio Lower Upper
43 100
74 0.0 23.0 34.6#

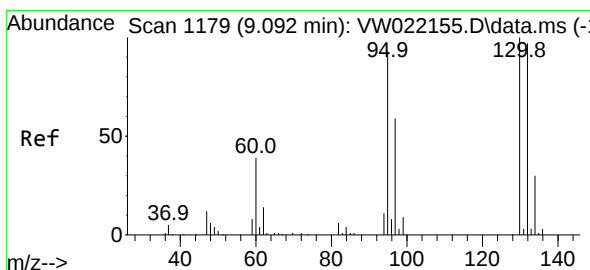
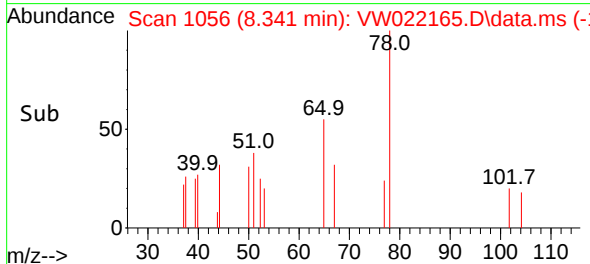
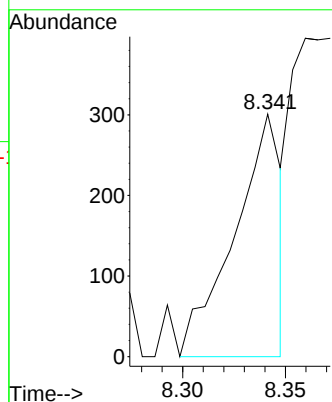
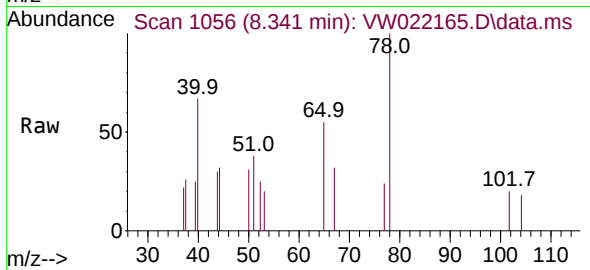




#33
Benzene
Concen: 0.993 ug/L
RT: 8.341 min Scan# 1138
Delta R.T. 0.018 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

Instrument :
MSVOA_W
ClientSampleId :

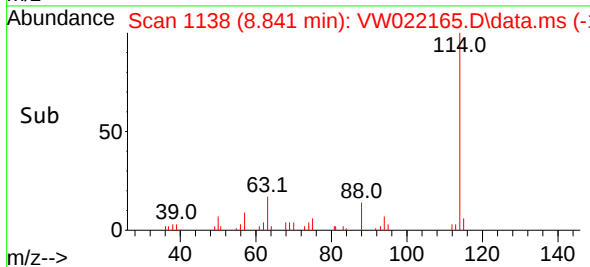
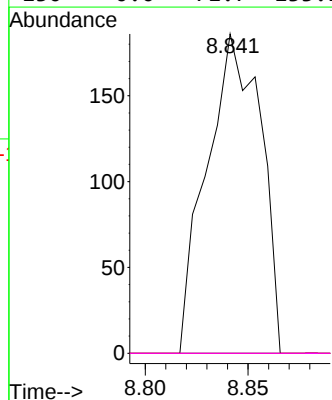
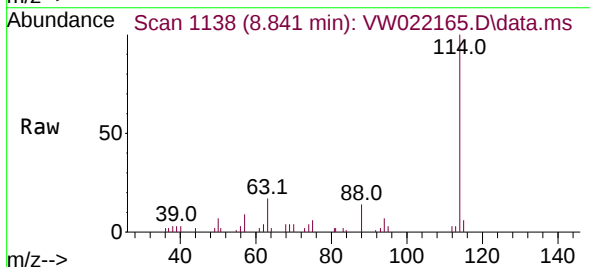
Tgt Ion: 78 Resp: 476

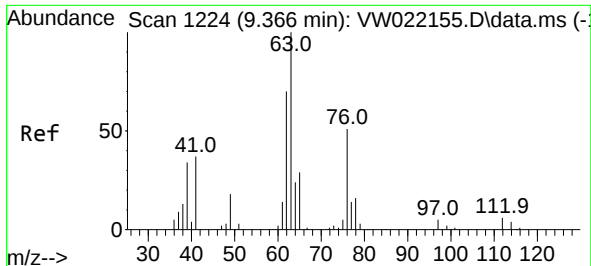


#34
Trichloroethene
Concen: 2.469 ug/L
RT: 8.841 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

Tgt Ion: 95 Resp: 339

Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.4	82.4#
132	0.0	71.7	133.1#
130	0.0	71.7	133.1#





#37

1,2-Dichloropropane

Concen: 3.969 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW022165.D

Acq: 03 Mar 2022 15:48

Instrument :

MSVOA_W

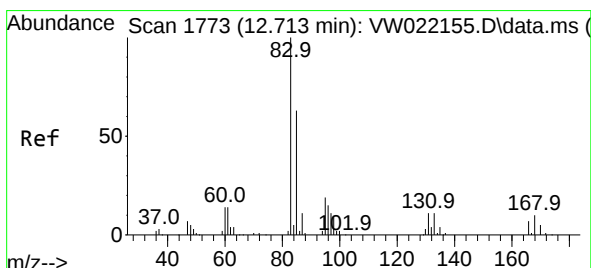
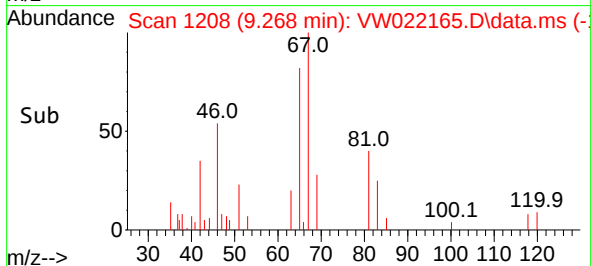
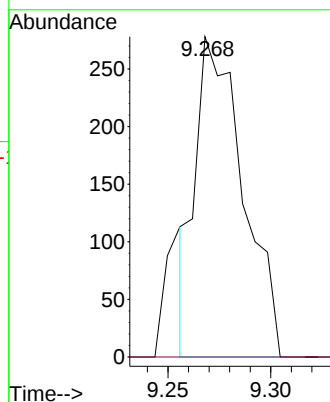
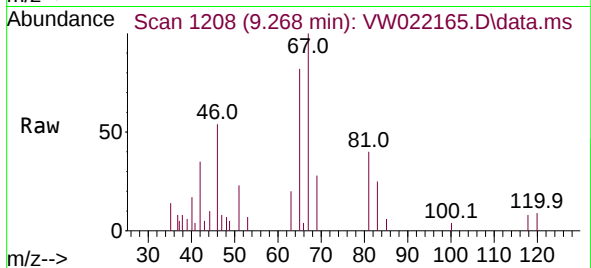
ClientSampleId :

Tgt Ion: 63 Resp: 444

Ion Ratio Lower Upper

63 100

112 0.0 4.1 6.1#



#57

1,1,2,2-Tetrachloroethane

Concen: 0.938 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022165.D

Acq: 03 Mar 2022 15:48

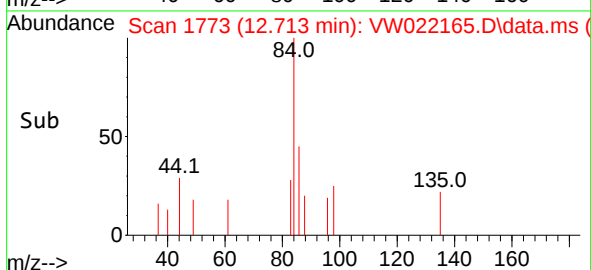
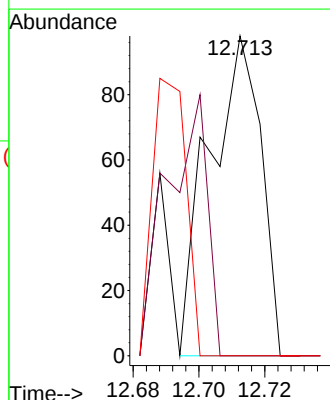
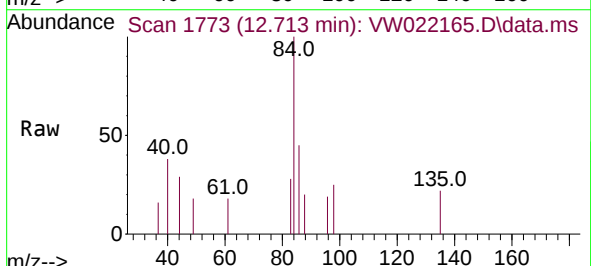
Tgt Ion: 83 Resp: 108

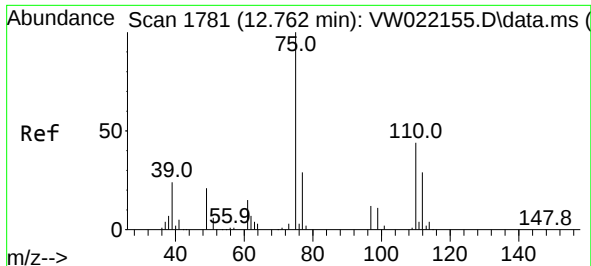
Ion Ratio Lower Upper

83 100

85 0.0 44.2 82.0#

131 0.0 9.4 14.0#





#61

1,2,3-Trichloropropane

Concen: 1.561 ug/L

RT: 13.493 min Scan# 1811

Delta R.T. 0.731 min

Lab File: VW022165.D

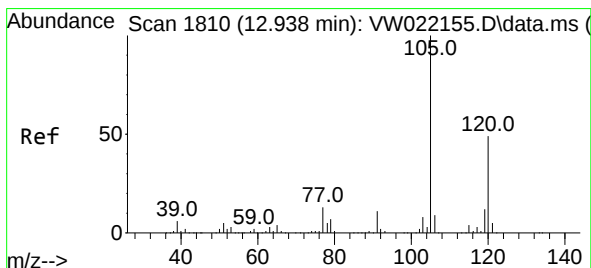
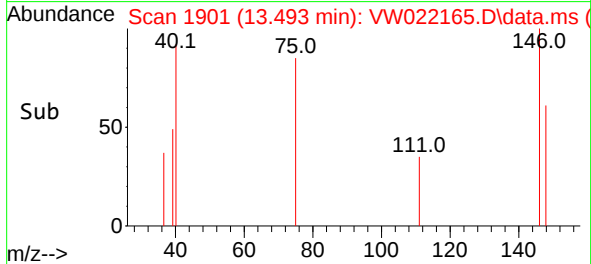
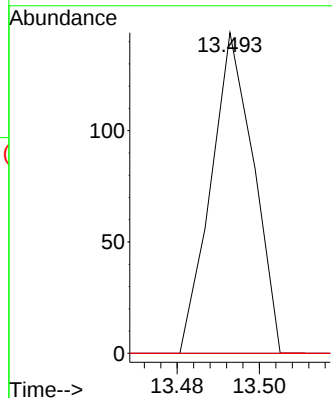
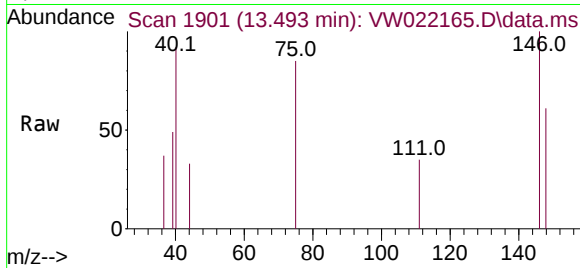
Acq: 03 Mar 2022 15:48

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	104
Ion Ratio	Lower	Upper
75	100	
77	0.0	27.1 40.7#
110	0.0	36.7 55.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.439 ug/L

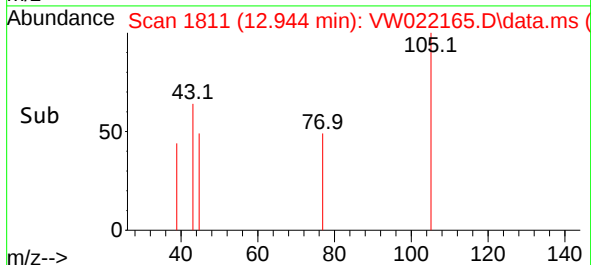
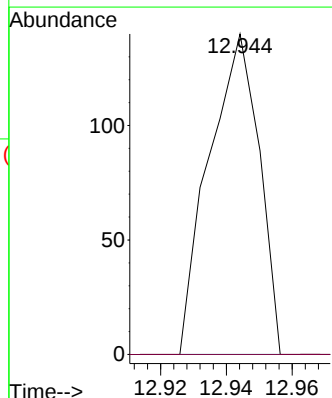
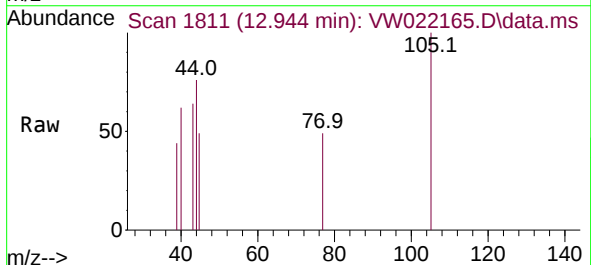
RT: 12.944 min Scan# 1811

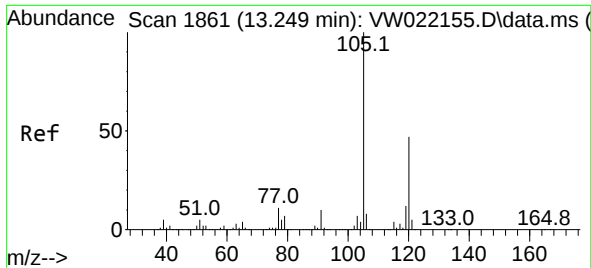
Delta R.T. 0.006 min

Lab File: VW022165.D

Acq: 03 Mar 2022 15:48

Tgt Ion: 105	Resp:	148
Ion Ratio	Lower	Upper
105	100	
120	0.0	41.5 62.3#

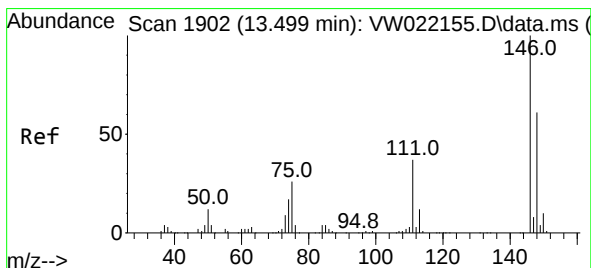
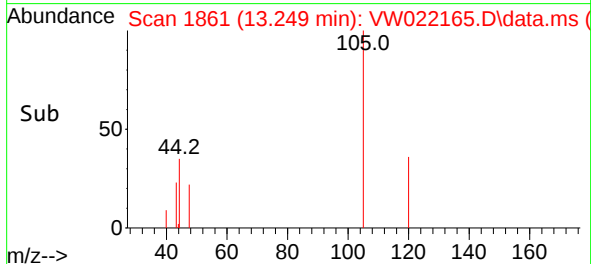
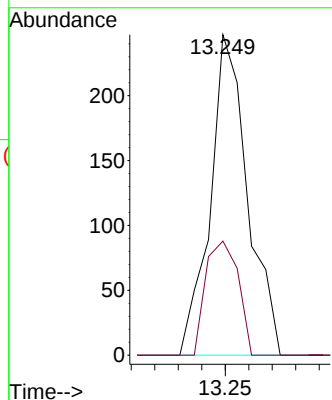
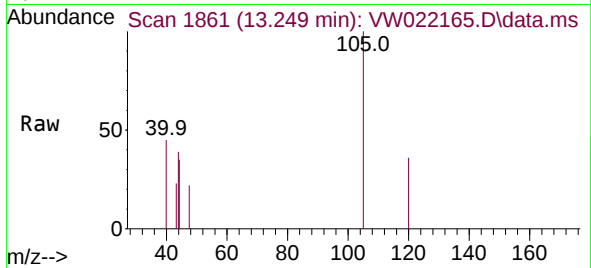




#63
1,2,4-Trimethylbenzene
Concen: 0.663 ug/L
RT: 13.249 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

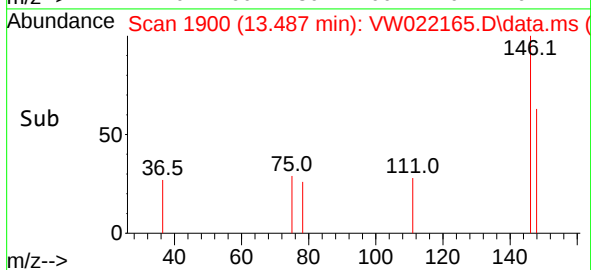
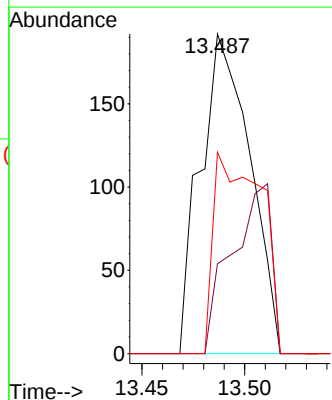
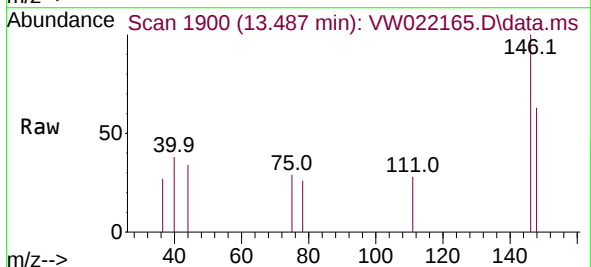
Instrument :
MSVOA_W
ClientSampleId :

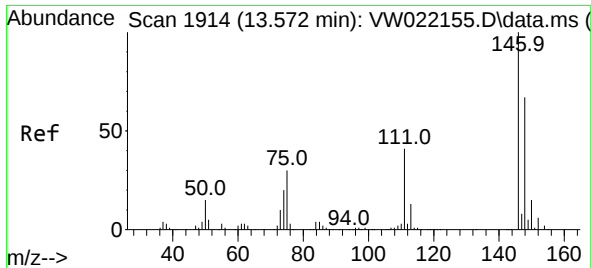
Tgt Ion:105 Resp: 273
Ion Ratio Lower Upper
105 100
120 31.1 39.2 58.8#



#64
1,3-Dichlorobenzene
Concen: 1.285 ug/L
RT: 13.487 min Scan# 1900
Delta R.T. -0.013 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

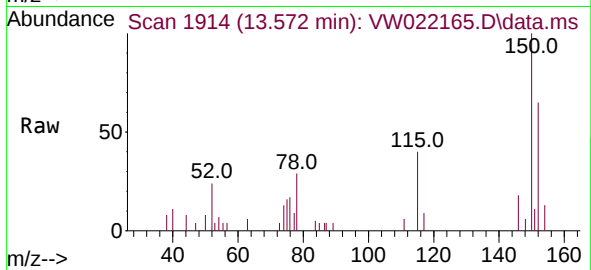
Tgt Ion:146 Resp: 323
Ion Ratio Lower Upper
146 100
111 28.1 26.9 49.9
148 63.0 41.6 77.2



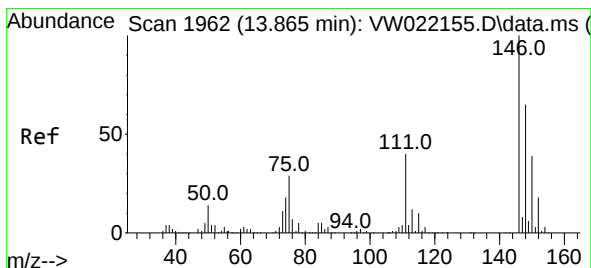
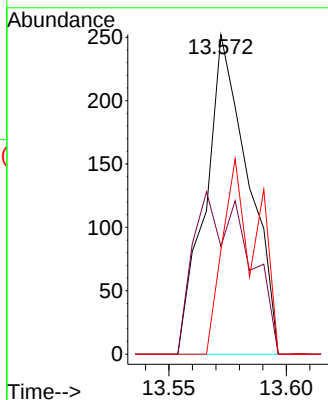
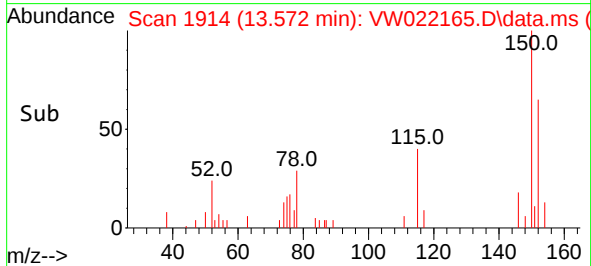


#65
1,4-Dichlorobenzene
Concen: 1.266 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48

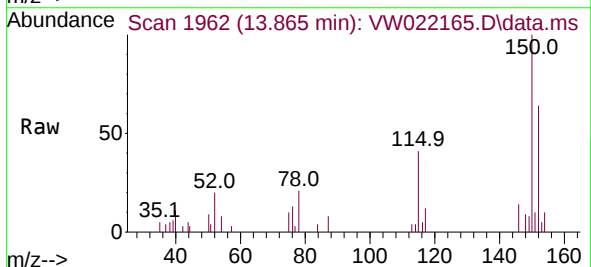
Instrument :
MSVOA_W
ClientSampleId :



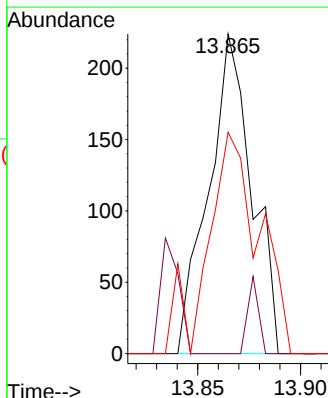
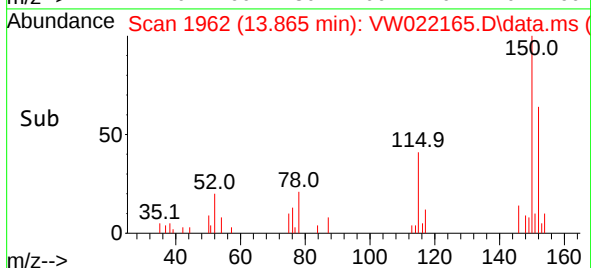
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Ion Ratio Lower Upper
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148 32.5 42.9 79.7#

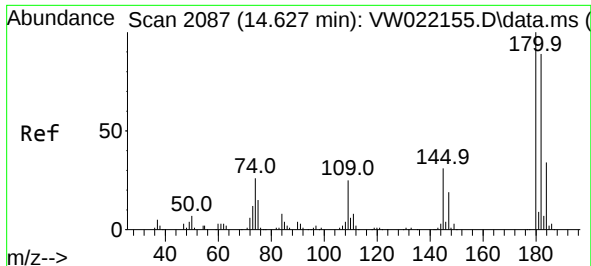


#67
1,2-Dichlorobenzene
Concen: 1.472 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022165.D
Acq: 03 Mar 2022 15:48



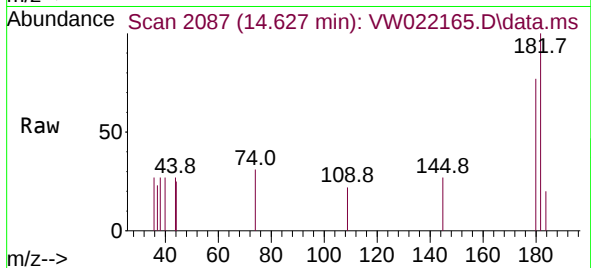
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Ion Ratio Lower Upper
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111 0.0 34.8 52.2#
148 69.2 50.4 75.6



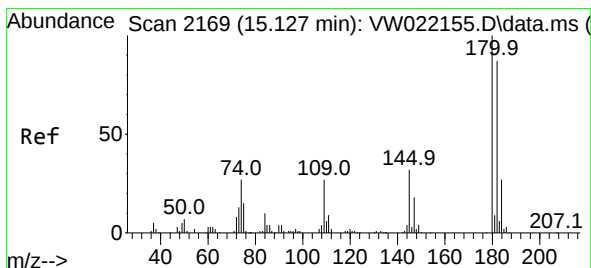
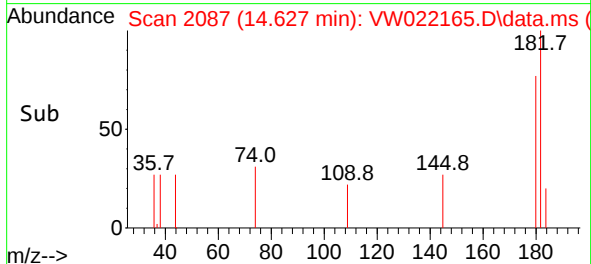
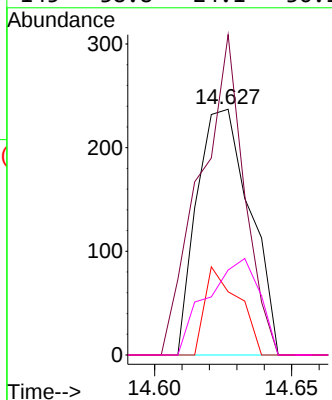


#69
 1,3,5-Trichlorobenzene
 Concen: 1.774 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022165.D
 Acq: 03 Mar 2022 15:48

Instrument :
 MSVOA_W
 ClientSampleId :

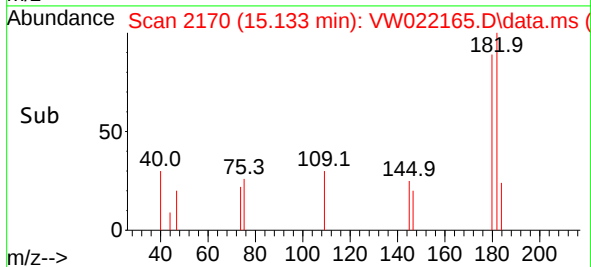
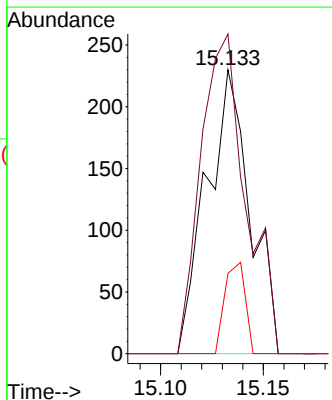
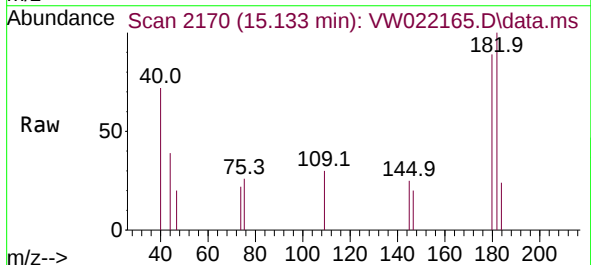


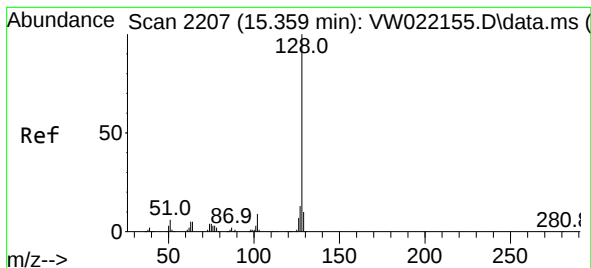
Tgt Ion:180 Resp: 320
 Ion Ratio Lower Upper
 180 100
 182 107.8 69.4 104.0#
 184 22.5 21.8 32.8
 145 38.8 24.1 36.1#



#70
 1,2,4-trichlorobenzene
 Concen: 2.483 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW022165.D
 Acq: 03 Mar 2022 15:48

Tgt Ion:180 Resp: 339
 Ion Ratio Lower Upper
 180 100
 182 116.5 77.8 116.6
 145 15.0 25.8 38.6#





#71

Naphthalene

Concen: 2.610 ug/L

RT: 15.364 min Scan# 2207

Delta R.T. 0.006 min

Lab File: VW022165.D

Acq: 03 Mar 2022 15:48

Instrument :

MSVOA_W

ClientSampleId :

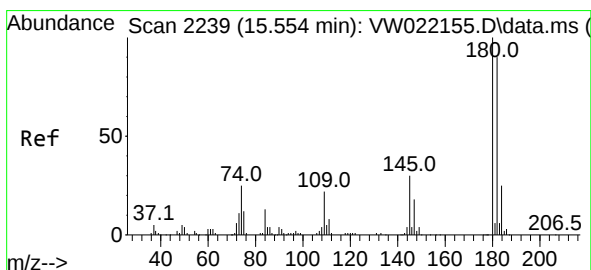
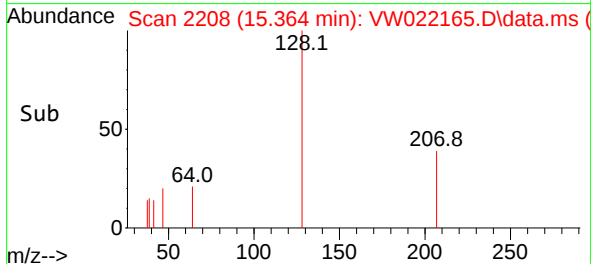
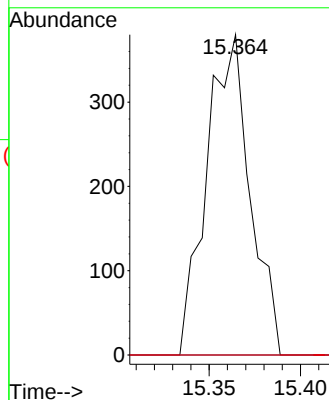
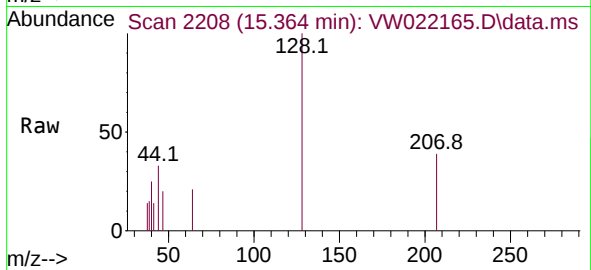
Tgt Ion:128 Resp: 629

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.6#

129 0.0 8.9 13.3#



#72

1,2,3-Trichlorobenzene

Concen: 3.235 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW022165.D

Acq: 03 Mar 2022 15:48

Tgt Ion:180 Resp: 382

Ion Ratio Lower Upper

180 100

182 74.9 79.0 118.4#

145 16.0 28.0 42.0#

