

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV041119\
 Data File : VV010263.D
 Acq On : 12 Apr 2019 01:28
 Operator : SY/MD
 Sample : K2354-04
 Misc : 5.39G/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF159

Quant Time: Apr 12 04:49:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM041019S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 12 04:45:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221335	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	171675	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	49888	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45241	17.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.04%
7) Chloroethane-d5	1.57	69	46855	21.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.60%
10) 1,1-Dichloroethene-d2	2.12	63	85729	13.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.88%
20) 2-Butanone-d5	3.93	46	31355	48.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.26%
24) Chloroform-d	4.40	84	113074	22.37	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.48%
26) 1,2-Dichloroethane-d4	5.08	65	68009	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.48%
29) Benzene-d6	5.10	84	216278	26.13	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.52%
33) 1,2-Dichloropropane-d6	6.12	67	68529	27.83	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.32%
37) Toluene-d8	7.36	98	179213	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	7.66	79	21350	20.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.20%
39) 2-Hexanone-d5	8.13	63	17128	40.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	51907	23.49	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.96%
61) 1,2-Dichlorobenzene-d4	11.68	152	38168	20.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.88%

Target Compounds

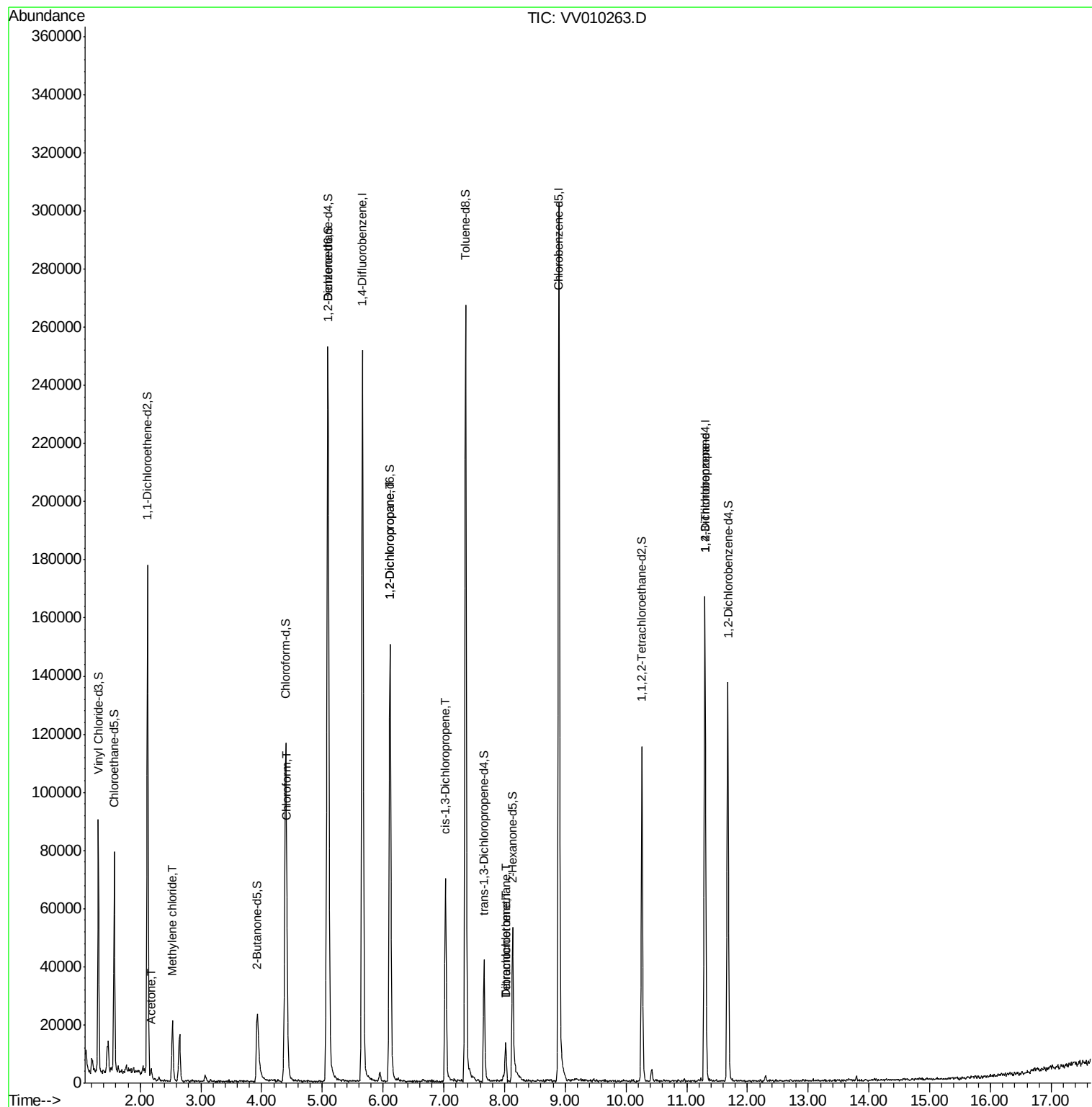
					Qvalue
13) Acetone	2.18	43	1909	2.771 ug/L	86
16) Methylene chloride	2.53	84	8821	2.035 ug/L	96
25) Chloroform	4.42	83	10784	1.989 ug/L	78
40) 1,2-Dichloropropane	6.11	63	8503	3.993 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1940	0.601 ug/L #	79
47) Tetrachloroethene	8.02	164	2755	1.236 ug/L	87
50) Dibromochloromethane	8.02	129	2483	1.124 ug/L #	12
59) 1,2,3-Trichloropropane	11.30	75	6191	3.768 ug/L #	85

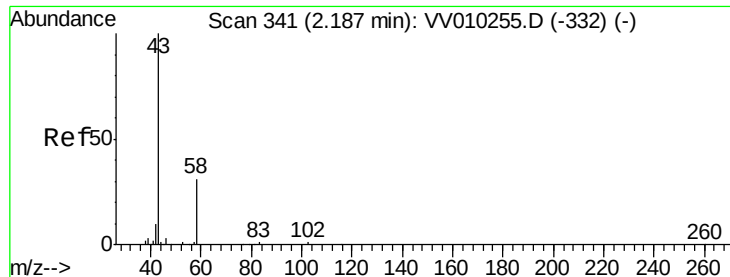
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 12 04:45:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.771 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010263.D

Acq: 12 Apr 2019 01:28

Instrument :

MSVOA_V

ClientSampleId :

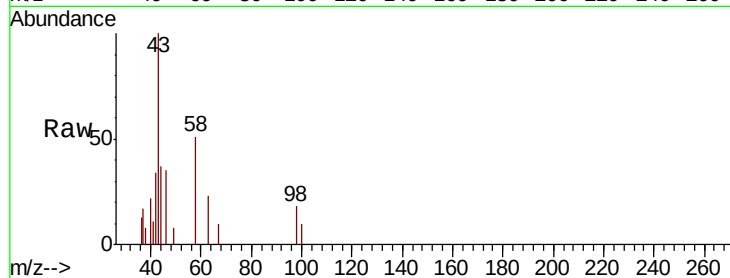
BF159

Tgt Ion: 43 Resp: 1909

Ion Ratio Lower Upper

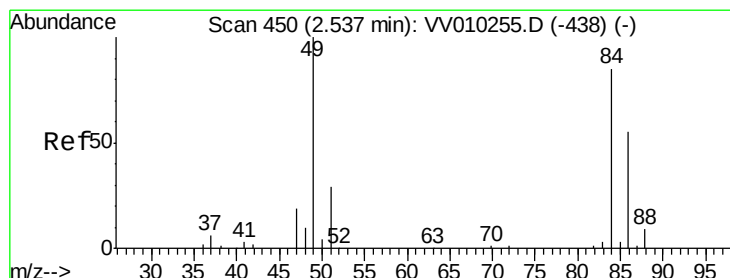
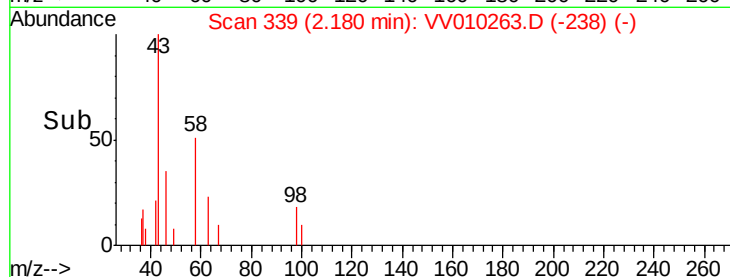
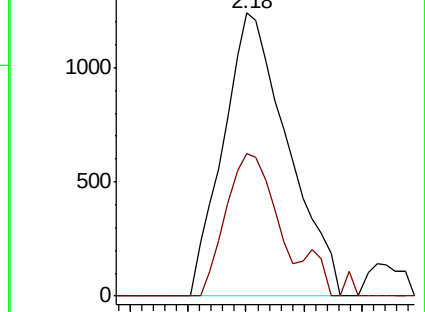
43 100

58 38.5 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV010255.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV010255.D (-332) (-)



#16

Methylene chloride

Concen: 2.035 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV010263.D

Acq: 12 Apr 2019 01:28

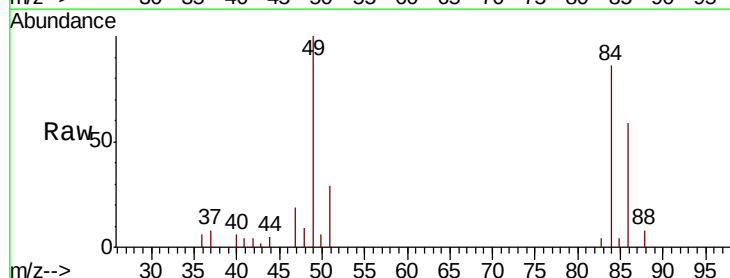
Tgt Ion: 84 Resp: 8821

Ion Ratio Lower Upper

84 100

49 116.7 79.9 148.5

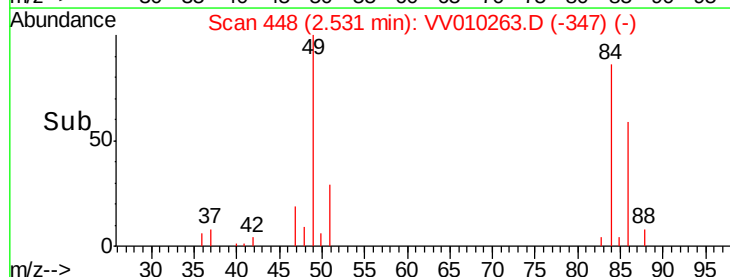
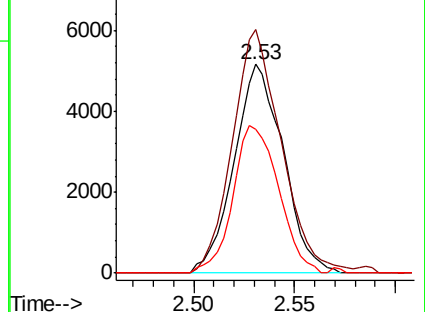
86 68.8 44.5 82.7

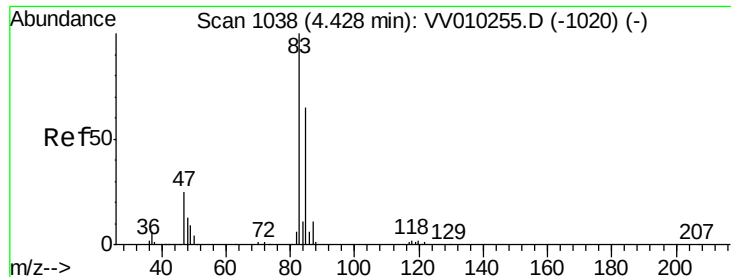


Abundance Ion 84.00 (83.70 to 84.70): VV010255.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010255.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010255.D (-438) (-)

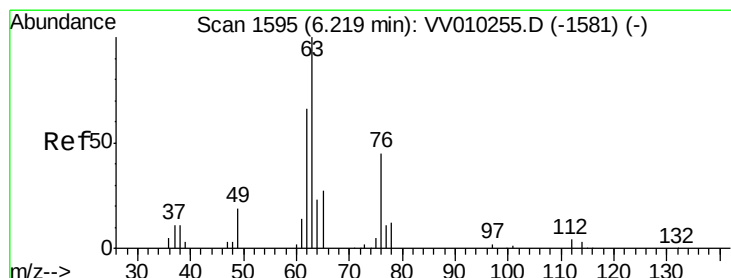
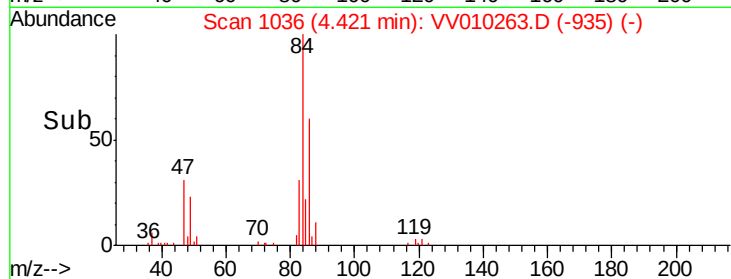
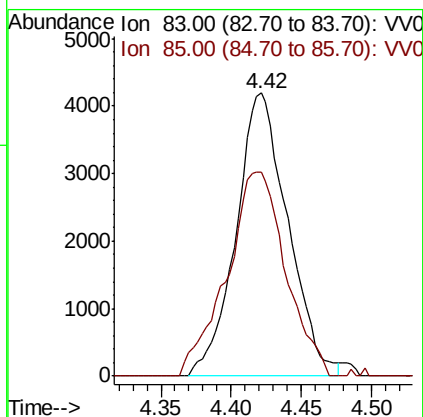
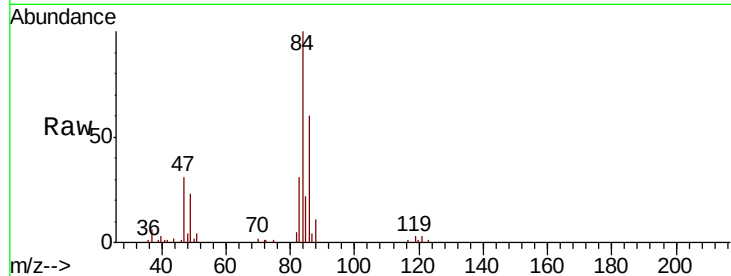




#25
Chloroform
Concen: 1.989 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VV010263.D
Acq: 12 Apr 2019 01:28

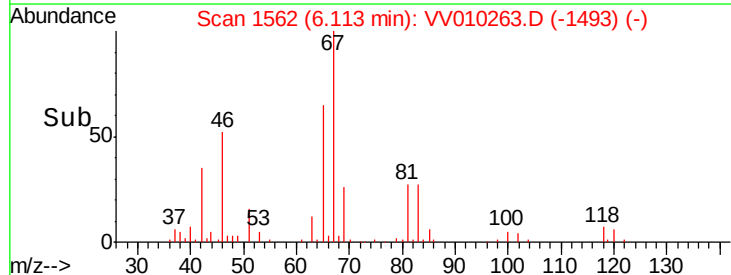
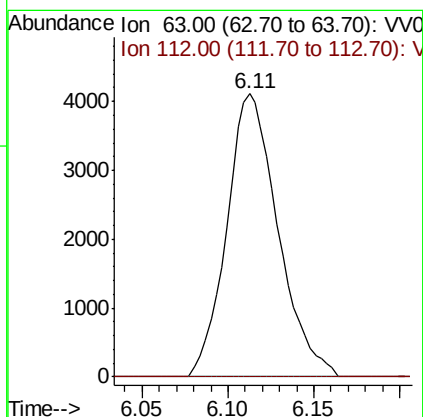
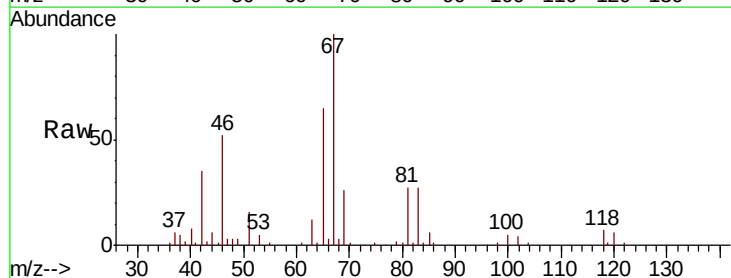
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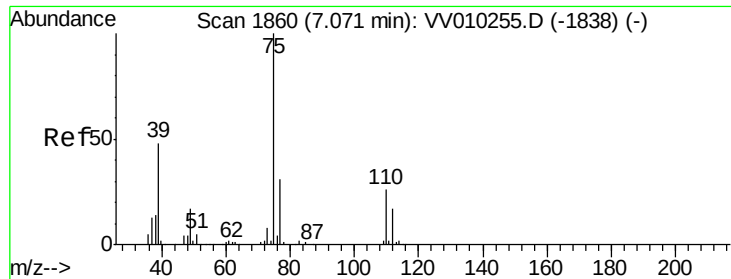
Tgt Ion: 83 Resp: 10784
Ion Ratio Lower Upper
83 100
85 81.8 45.4 84.2



#40
1,2-Dichloropropane
Concen: 3.993 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV010263.D
Acq: 12 Apr 2019 01:28

Tgt Ion: 63 Resp: 8503
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#42

cis-1,3-Dichloropropene

Concen: 0.601 ug/L

RT: 7.03 min Scan# 1846

Delta R.T. -0.04 min

Lab File: VV010263.D

Acq: 12 Apr 2019 01:28

Instrument :

MSVOA_V

ClientSampled :

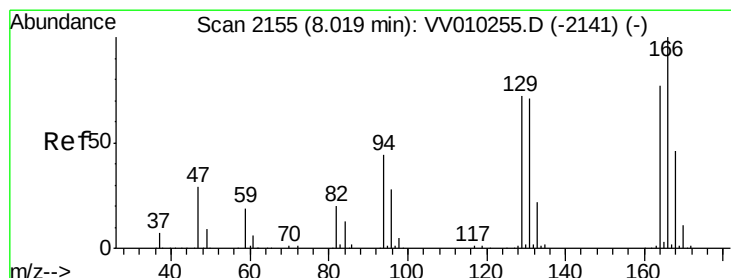
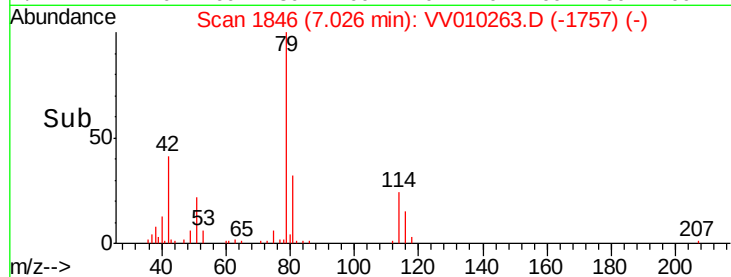
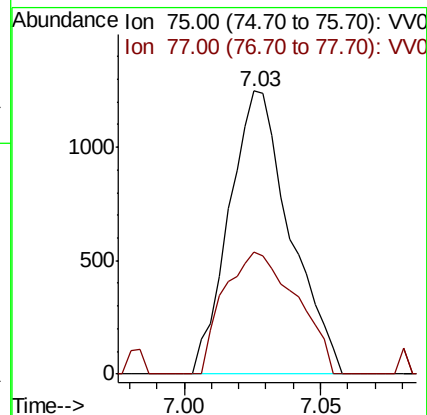
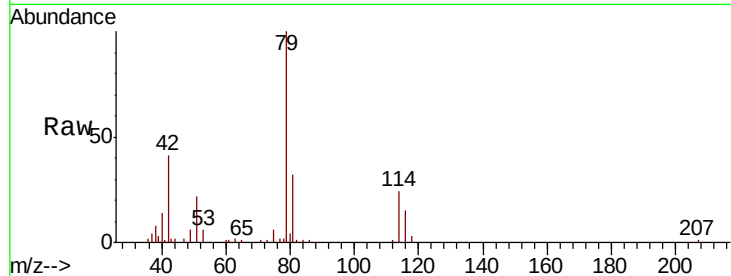
BF159

Tgt Ion: 75 Resp: 1940

Ion Ratio Lower Upper

75 100

77 43.1 21.9 40.7#



#47

Tetrachloroethene

Concen: 1.236 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV010263.D

Acq: 12 Apr 2019 01:28

Tgt Ion: 164 Resp: 2755

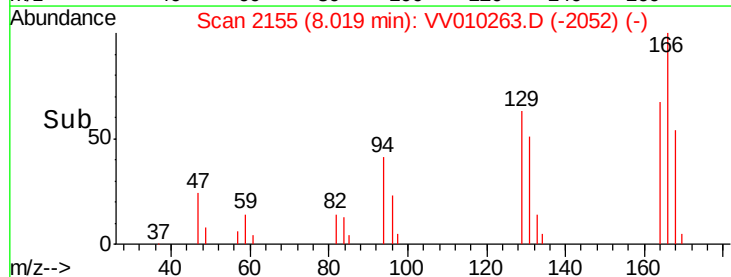
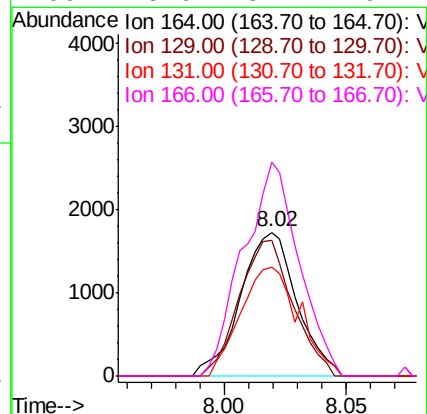
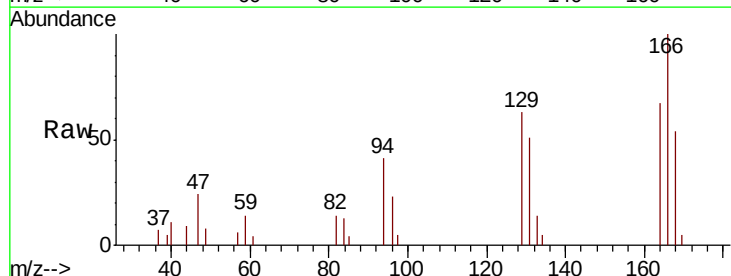
Ion Ratio Lower Upper

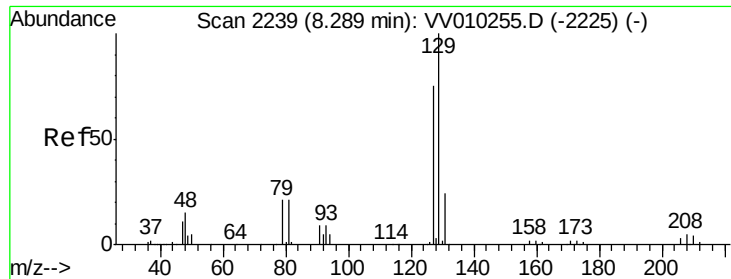
164 100

129 94.3 62.6 116.2

131 75.8 60.0 111.4

166 148.9 87.4 162.2





#50

Dibromochloromethane

Concen: 1.124 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.27 min

Lab File: VV010263.D

Acq: 12 Apr 2019 01:28

Instrument :

MSVOA_V

ClientSampleId :

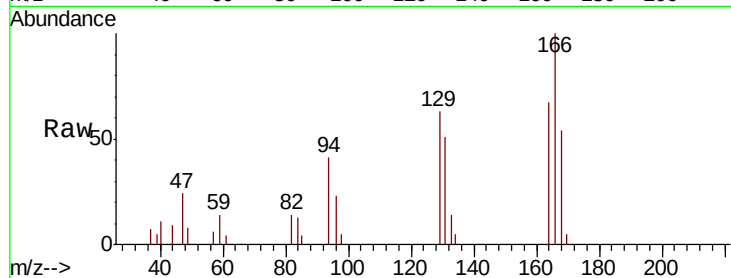
BF159

Tgt Ion:129 Resp: 2483

Ion Ratio Lower Upper

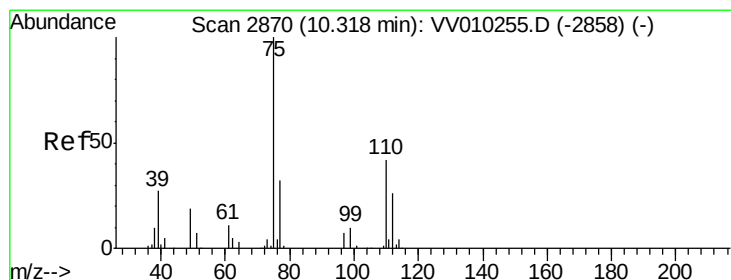
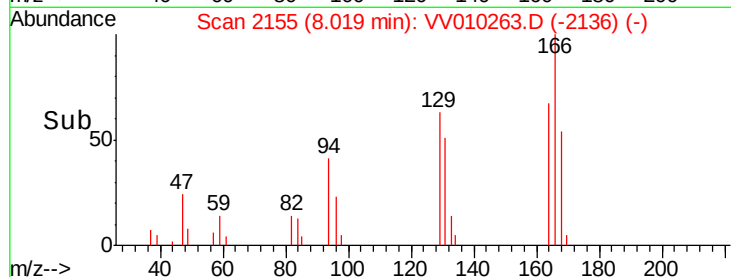
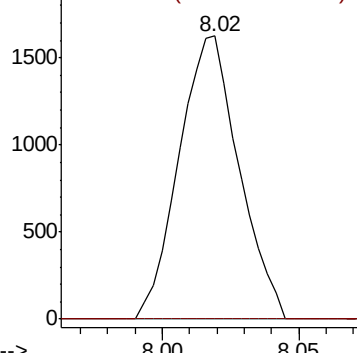
129 100

127 0.0 52.8 98.2#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#59

1,2,3-Trichloropropane

Concen: 3.768 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV010263.D

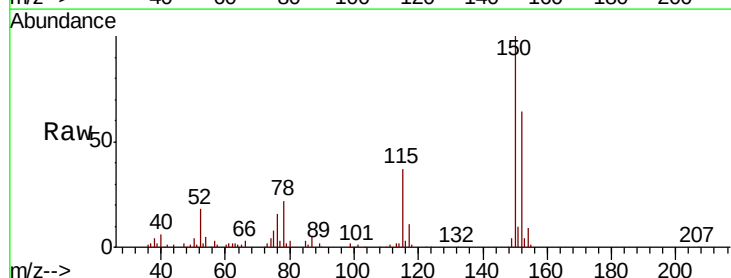
Acq: 12 Apr 2019 01:28

Tgt Ion: 75 Resp: 6191

Ion Ratio Lower Upper

75 100

77 42.4 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

