

Data File : VV012849.D
Acq On : 16 Sep 2019 21:22
Operator : SY/MD
Sample : K4834-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0MD8

Quant Time: Sep 17 07:26:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 17 07:22:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	393181	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	387704	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	142343	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	123573	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.58	69	102243	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	161004	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.97	46	213427	56.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.40%
24) Chloroform-d	4.40	84	202246	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	103159	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.09	84	413193	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	127891	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	319987	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	40085	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.14	63	111185	47.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.24%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	74397	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	110342	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

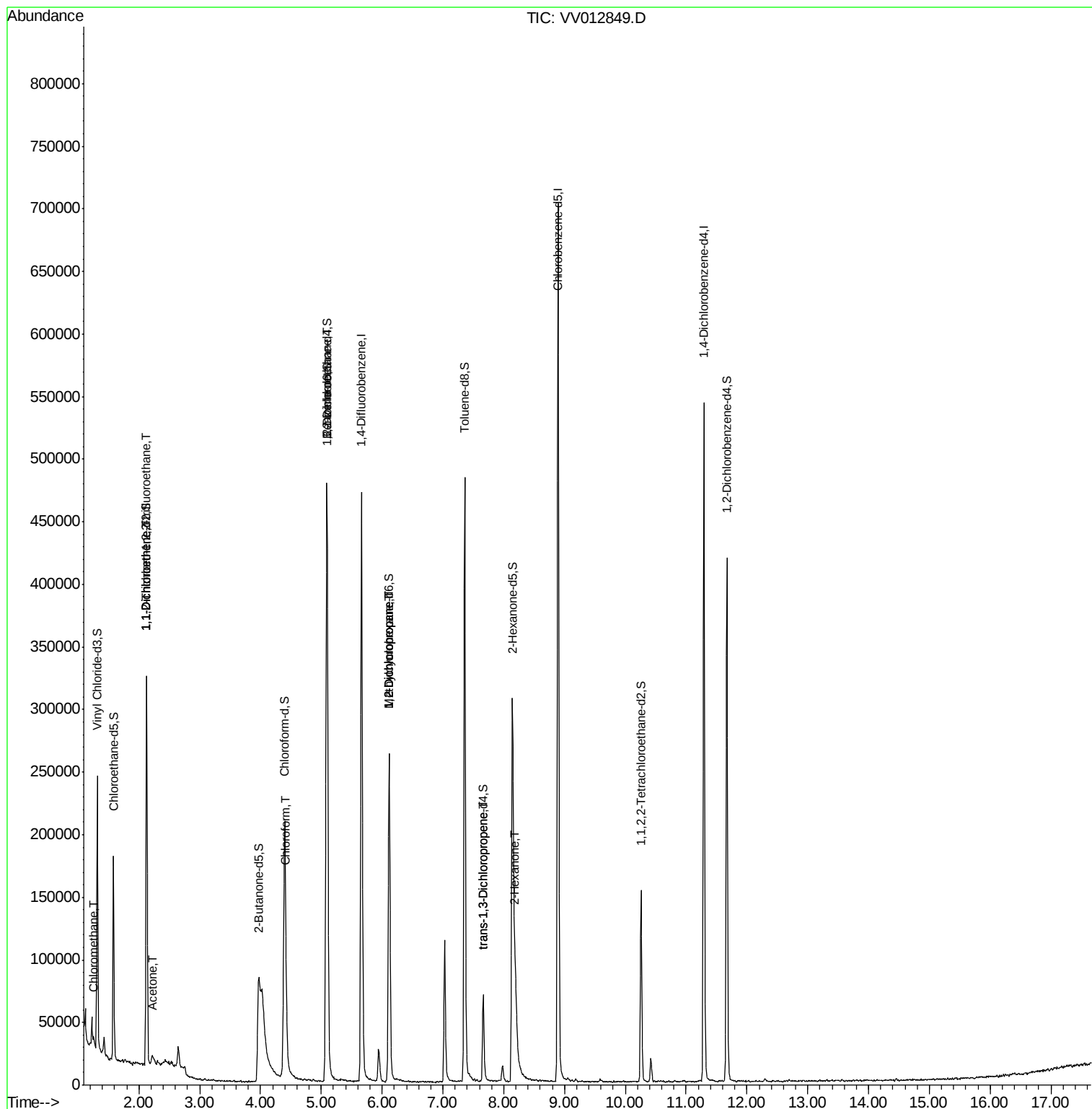
					Qvalue
3) Chloromethane	1.25	50	4111	0.143 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1725	0.074 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	1544	0.072 ug/L #	1
13) Acetone	2.22	43	14224	4.877 ug/L	76
25) Chloroform	4.42	83	12468	0.231 ug/L	92
27) 1,2-Dichloroethane	5.09	62	2363	0.085 ug/L	96
35) Methylcyclohexane	6.12	83	30438	0.886 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13645	0.518 ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1993	0.077 ug/L #	73
48) 2-Hexanone	8.19	43	43737	3.936 ug/L #	91

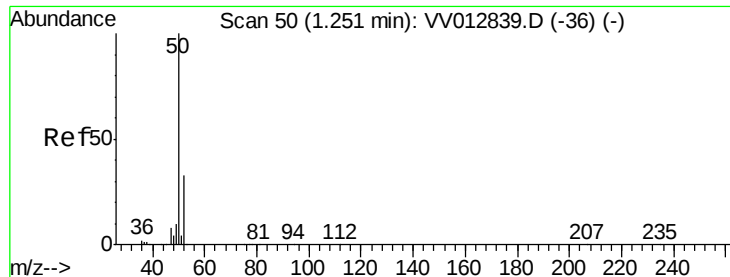
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.143 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV012849.D

Acq: 16 Sep 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

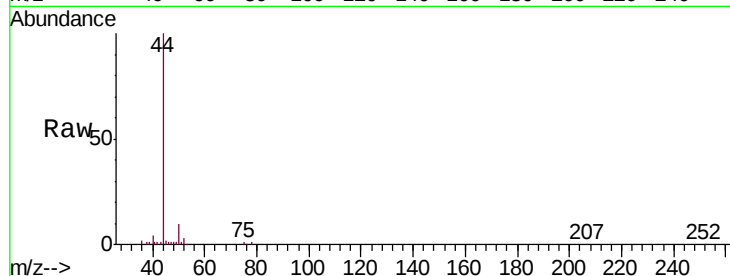
C0MD8

Tgt Ion: 50 Resp: 4111

Ion Ratio Lower Upper

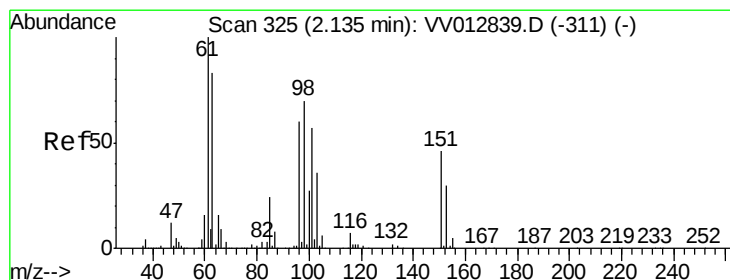
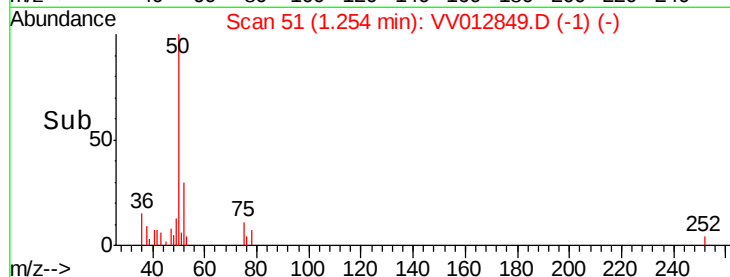
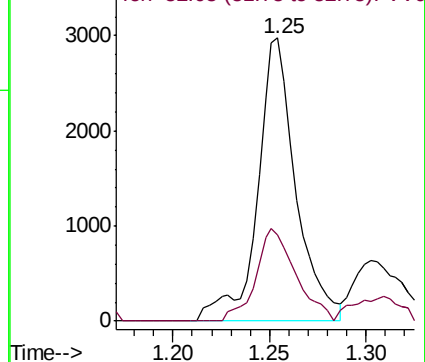
50 100

52 30.5 21.3 39.6



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012849.D

Acq: 16 Sep 2019 21:22

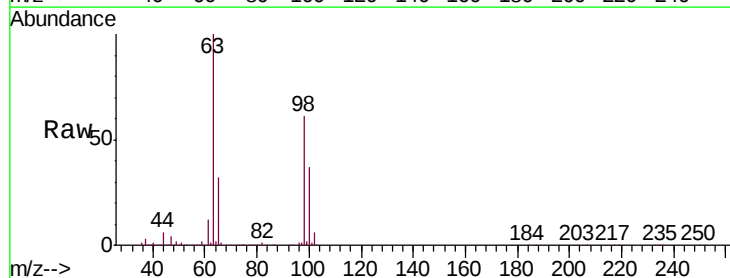
Tgt Ion: 101 Resp: 1725

Ion Ratio Lower Upper

101 100

85 2.6 32.9 49.3#

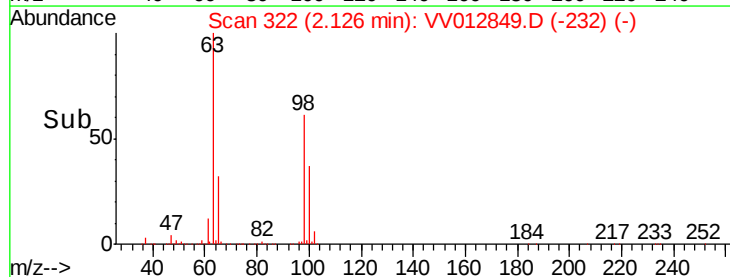
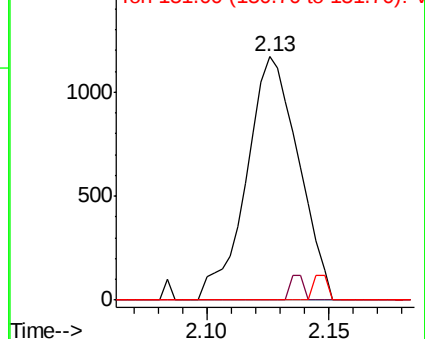
151 2.7 65.0 97.6#

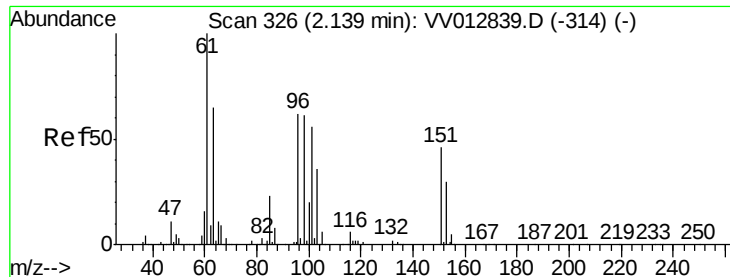


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

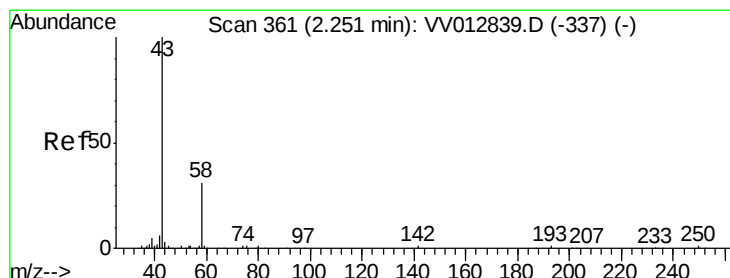
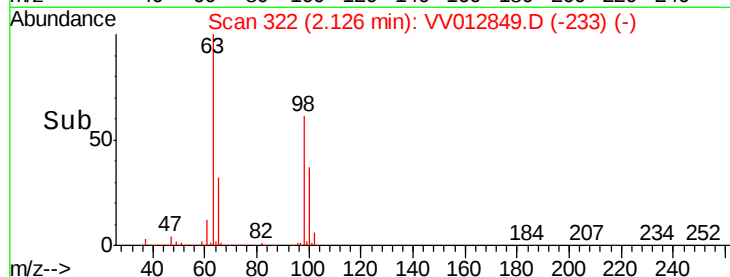
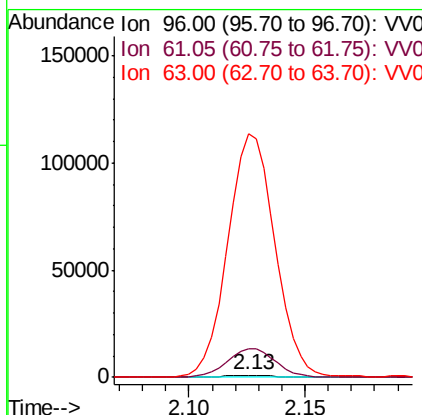
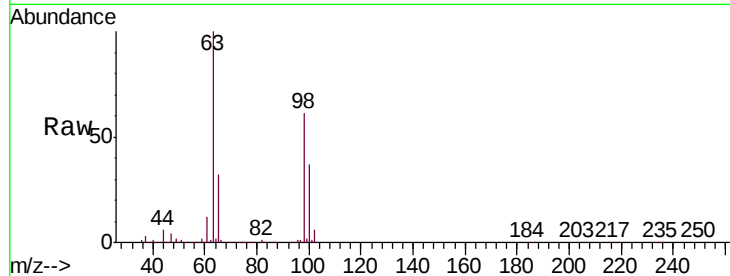




#12
 1,1-Dichloroethene
 Concen: 0.072 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.01 min
 Lab File: VV012849.D
 Acq: 16 Sep 2019 21:22

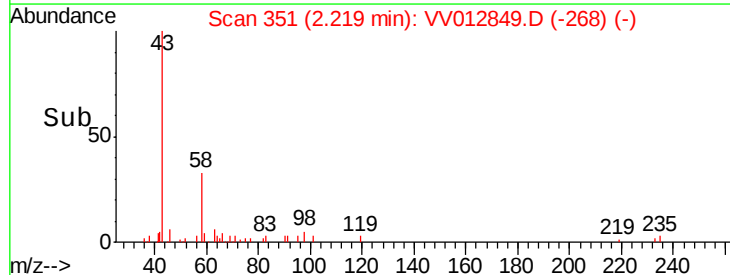
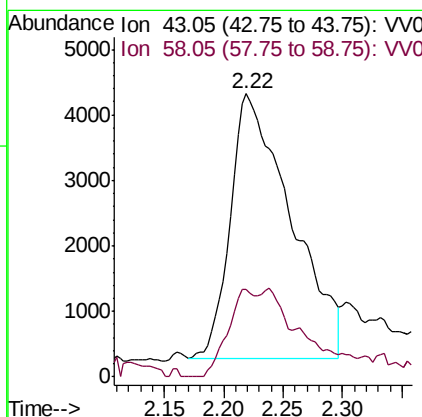
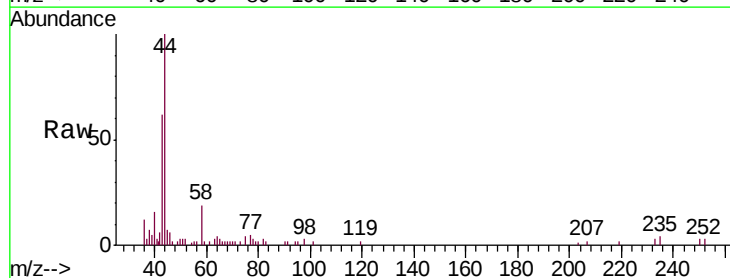
Instrument :
 MSVOA_V
 ClientSampleId :
 C0MD8

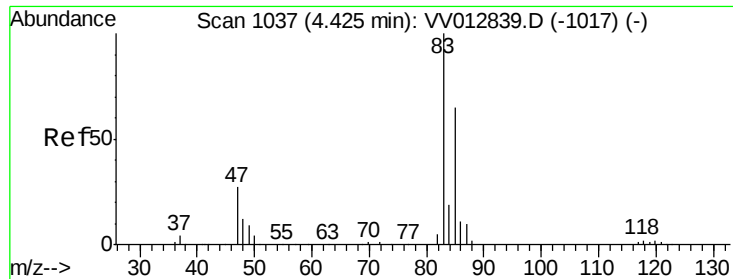
Tgt Ion: 96 Resp: 1544
 Ion Ratio Lower Upper
 96 100
 61 1377.9 120.1 223.1#
 63 11518.1 88.3 164.1#



#13
 Acetone
 Concen: 4.877 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. -0.03 min
 Lab File: VV012849.D
 Acq: 16 Sep 2019 21:22

Tgt Ion: 43 Resp: 14224
 Ion Ratio Lower Upper
 43 100
 58 15.8 0.0 56.6

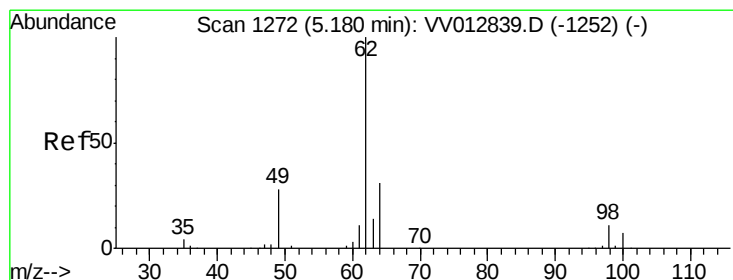
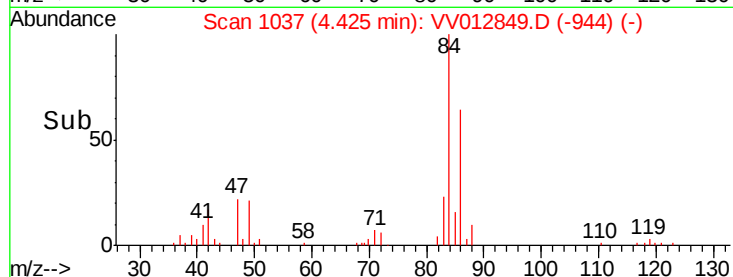
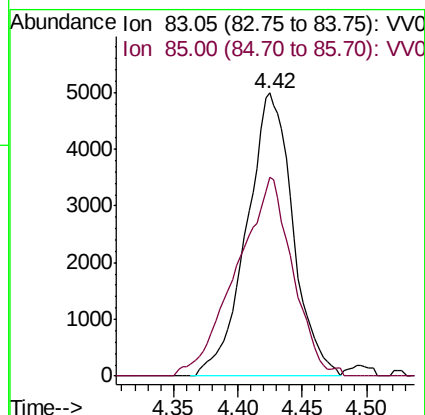
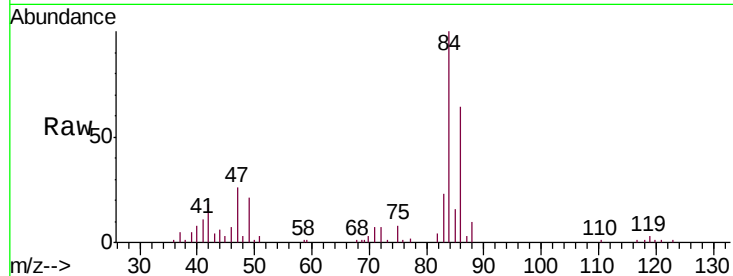




#25
Chloroform
Concen: 0.231 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. -0.00 min
Lab File: VV012849.D
Acq: 16 Sep 2019 21:22

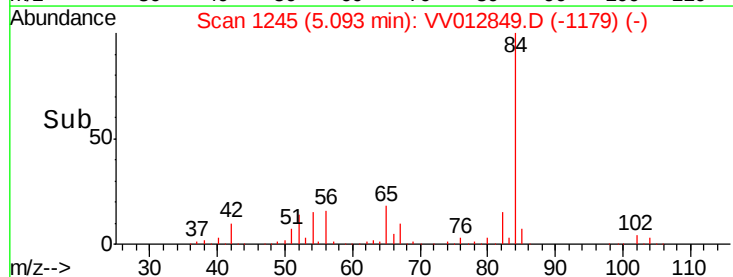
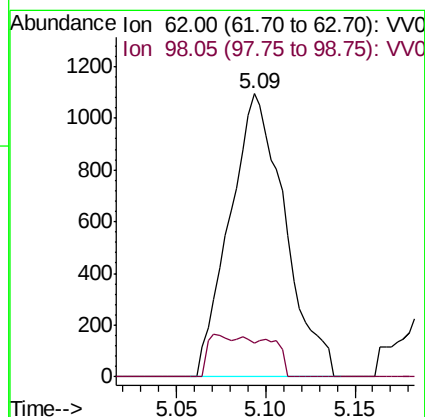
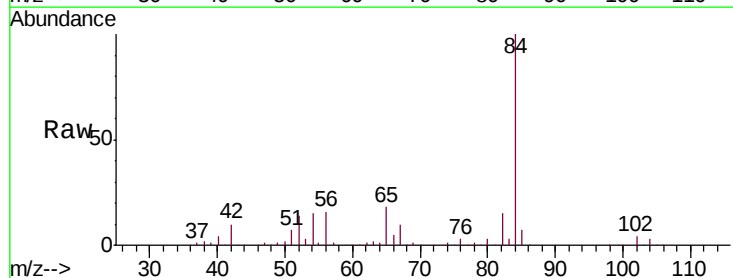
Instrument :
MSVOA_V
ClientSampled :
COMD8

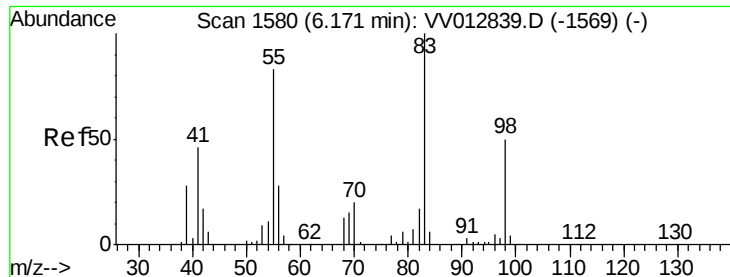
Tgt Ion: 83 Resp: 12468
Ion Ratio Lower Upper
83 100
85 70.1 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.085 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012849.D
Acq: 16 Sep 2019 21:22

Tgt Ion: 62 Resp: 2363
Ion Ratio Lower Upper
62 100
98 12.0 8.3 12.5

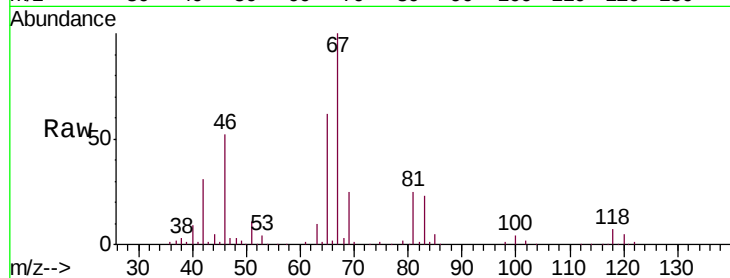




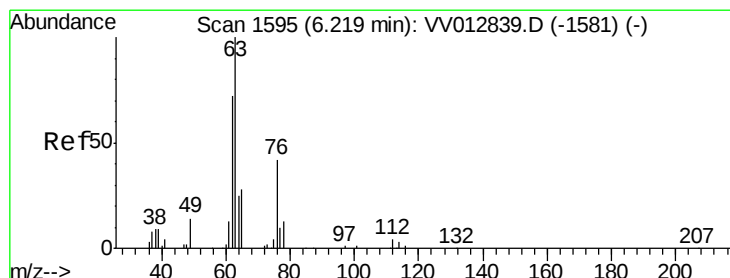
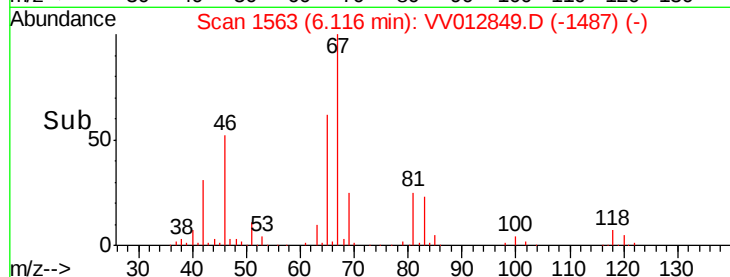
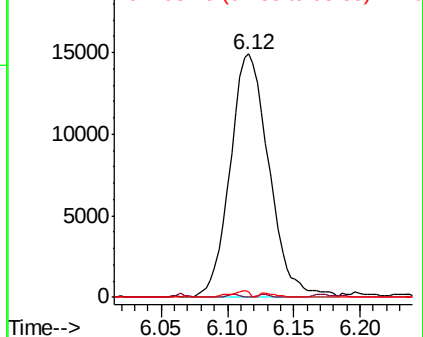
#35
Methylcyclohexane
Concen: 0.886 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV012849.D
Acq: 16 Sep 2019 21:22

Instrument :
MSVOA_V
ClientSampled :
C0MD8

Tgt Ion: 83 Resp: 30438
Ion Ratio Lower Upper
83 100
55 0.4 65.4 98.2#
98 1.2 39.0 58.4#

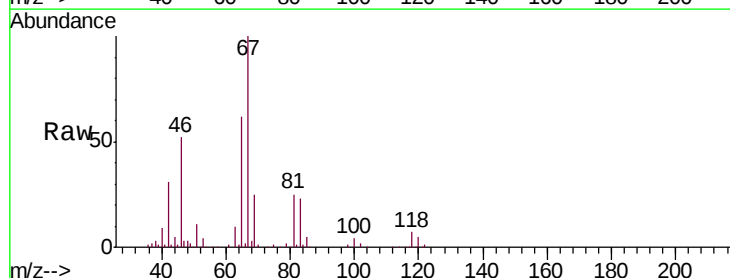


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

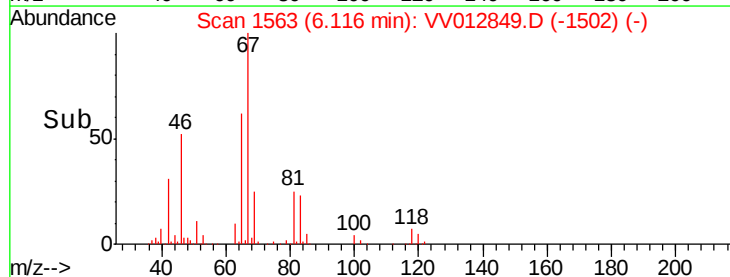
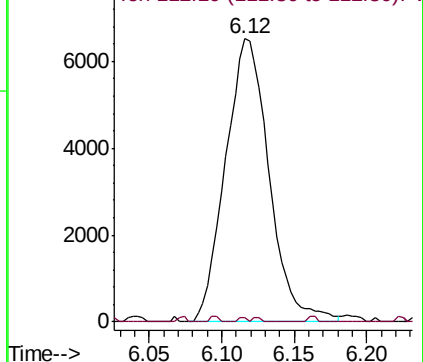


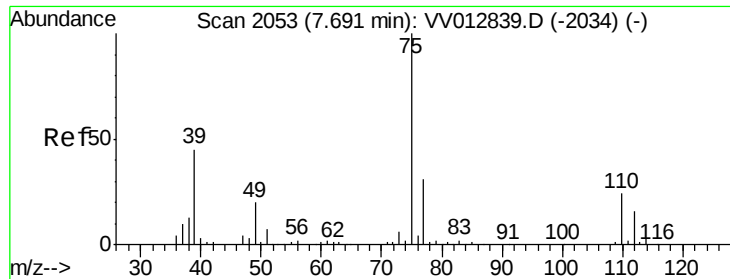
#37
1,2-Dichloropropane
Concen: 0.518 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012849.D
Acq: 16 Sep 2019 21:22

Tgt Ion: 63 Resp: 13645
Ion Ratio Lower Upper
63 100
112 0.3 4.2 6.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV012849.D

Acq: 16 Sep 2019 21:22

Instrument :

MSVOA_V

ClientSampleId :

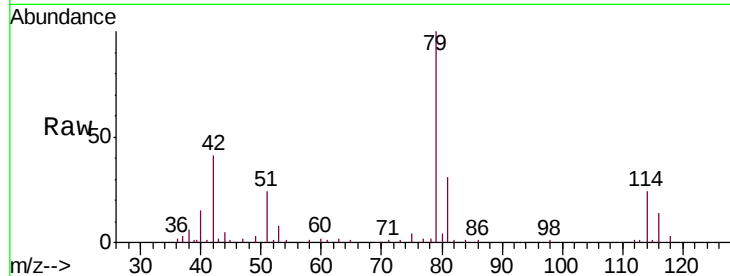
C0MD8

Tgt Ion: 75 Resp: 1993

Ion Ratio Lower Upper

75 100

77 46.8 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV012839.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV012839.D (-2034) (-)

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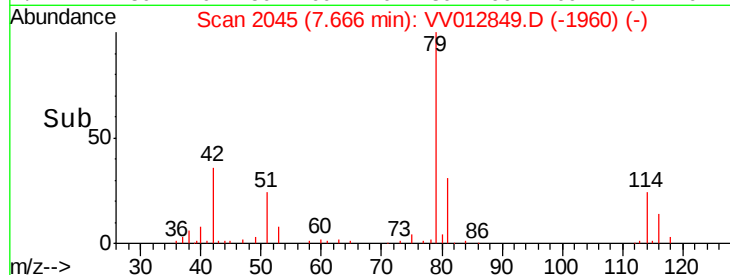
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Abundance Ion 75.05 (74.75 to 75.75): VV012849.D (-1960) (-)

Ion 77.05 (76.75 to 77.75): VV012849.D (-1960) (-)

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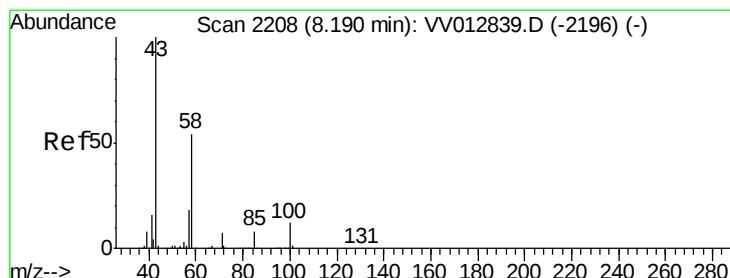
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#48

2-Hexanone

Concen: 3.936 ug/L

RT: 8.19 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VV012849.D

Acq: 16 Sep 2019 21:22

Tgt Ion: 43 Resp: 43737

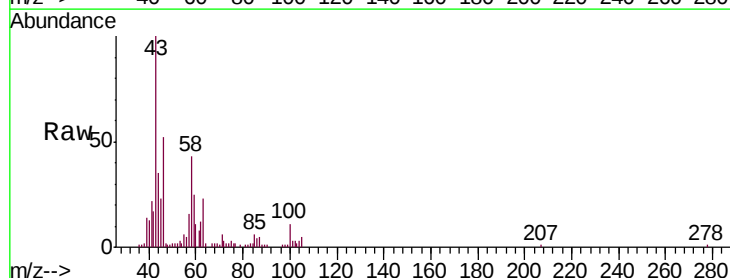
Ion Ratio Lower Upper

43 100

58 47.9 44.8 67.2

57 17.5 15.0 22.6

100 8.1 8.8 13.2#



Abundance Ion 43.05 (42.75 to 43.75): VV012839.D (-2196) (-)

Ion 58.05 (57.75 to 58.75): VV012839.D (-2196) (-)

Ion 57.20 (56.90 to 57.90): VV012839.D (-2196) (-)

Ion 100.15 (99.85 to 100.85): VV012839.D (-2196) (-)

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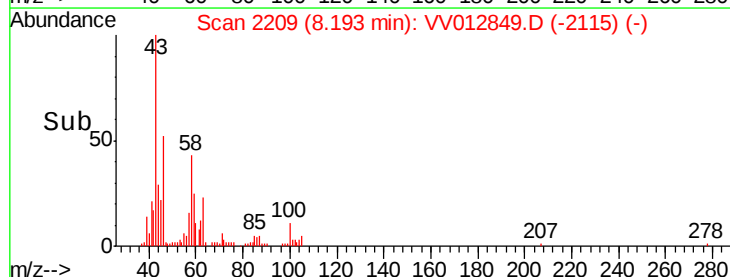
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Abundance Ion 43.05 (42.75 to 43.75): VV012849.D (-2115) (-)

Ion 58.05 (57.75 to 58.75): VV012849.D (-2115) (-)

Ion 57.20 (56.90 to 57.90): VV012849.D (-2115) (-)

Ion 100.15 (99.85 to 100.85): VV012849.D (-2115) (-)

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