

Data File : VV012879.D
Acq On : 17 Sep 2019 22:26
Operator : SY/MD
Sample : K4892-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
COMQ6

Quant Time: Sep 18 01:13:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	381375	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	193452	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	159538	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	2.13	63	239317	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	3.98	46	434640	54.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.98%
24) Chloroform-d	4.40	84	314524	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.08	65	165198	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.09	84	656039	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	6.12	67	203072	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	527060	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.66	79	66340	4.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.80%
46) 2-Hexanone-d5	8.14	63	304492	53.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.82%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	150921	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	176556	5.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.80%

Target Compounds

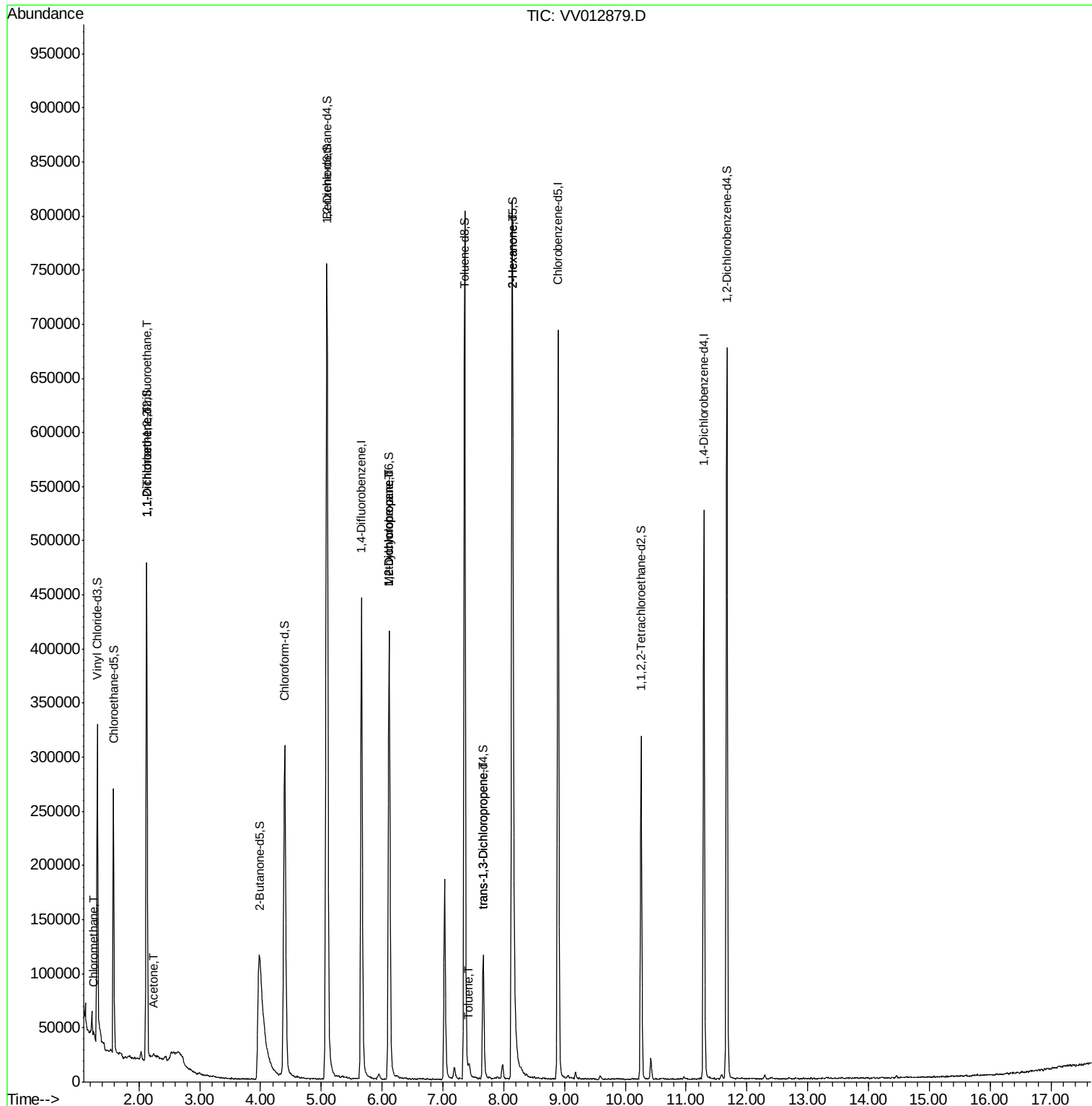
						Qvalue
3) Chloromethane	1.26	50	5283	0.199	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2247	0.100	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	2322	0.114	ug/L #	1
13) Acetone	2.24	43	5476	1.310	ug/L	99
35) Methylcyclohexane	6.12	83	47443	1.415	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22065	0.835	ug/L #	86
42) Toluene	7.43	91	7284	0.072	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2823	0.101	ug/L	84
48) 2-Hexanone	8.14	43	47597	3.870	ug/L #	79

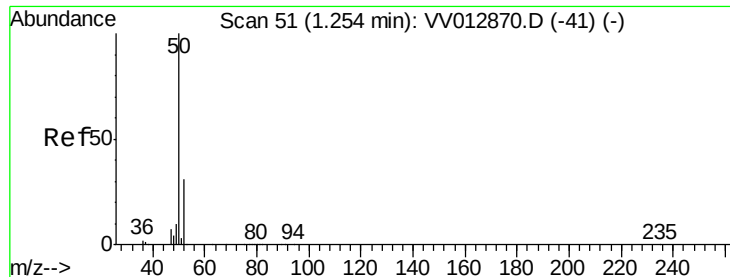
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.199 ug/L

RT: 1.26 min Scan# 54

Delta R.T. 0.01 min

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Acq: 17 Sep 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

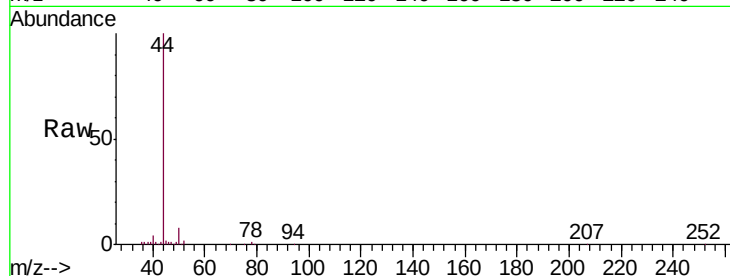
C0MQ6

Tgt Ion: 50 Resp: 5283

Ion Ratio Lower Upper

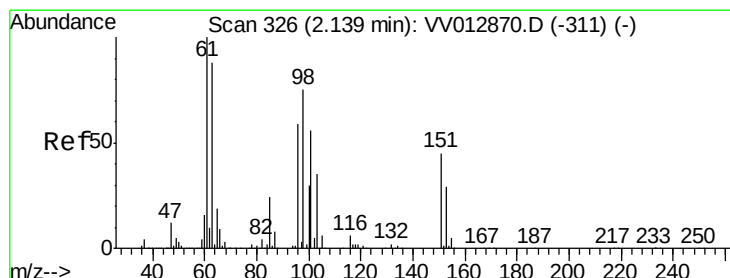
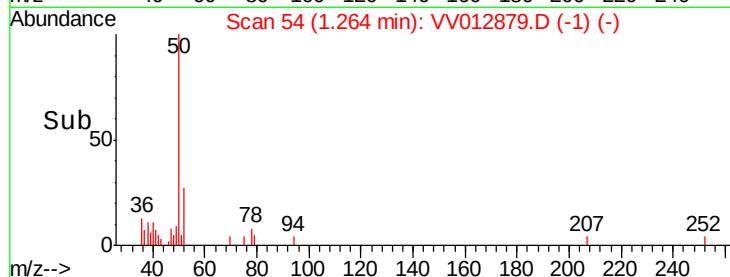
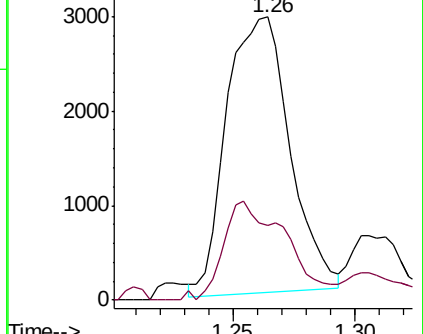
50 100

52 26.6 22.8 42.4



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: 0.100 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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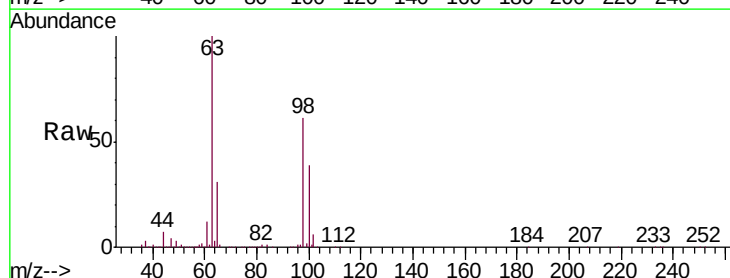
Tgt Ion: 101 Resp: 2247

Ion Ratio Lower Upper

101 100

85 4.6 33.5 50.3#

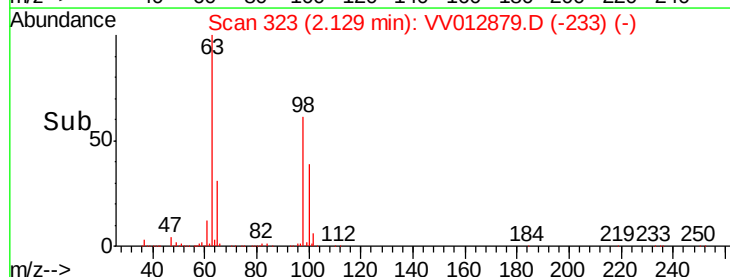
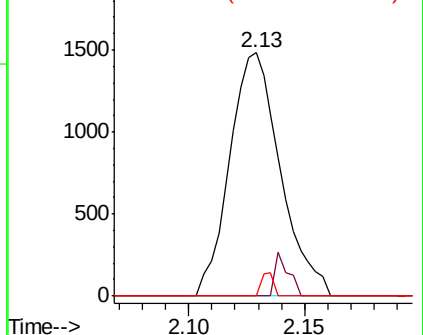
151 2.4 64.0 96.0#

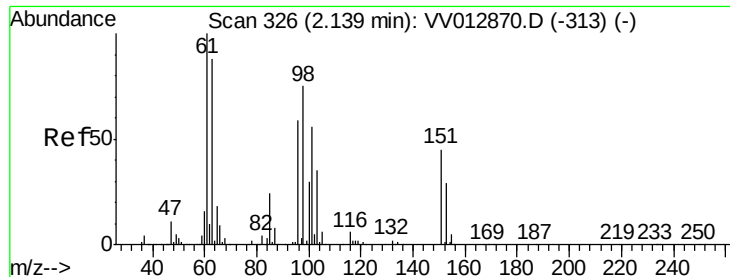


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#12

1,1-Dichloroethene

Concen: 0.114 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012879.D

Acq: 17 Sep 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

COMQ6

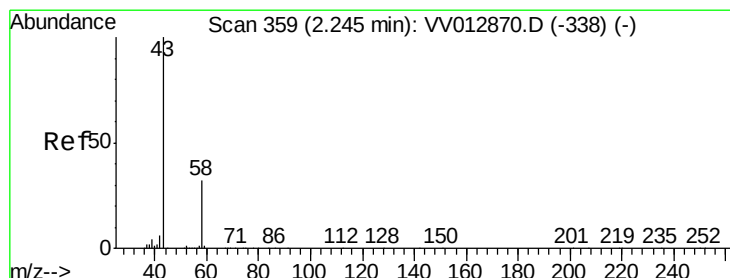
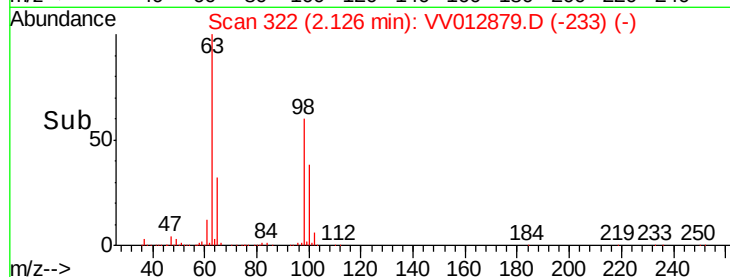
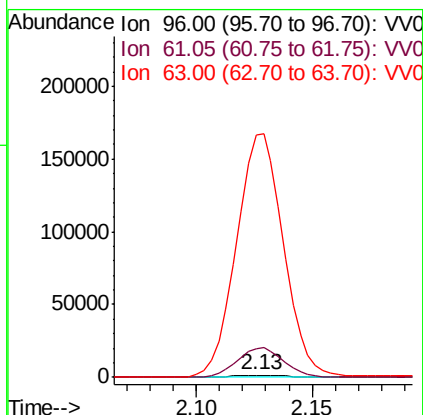
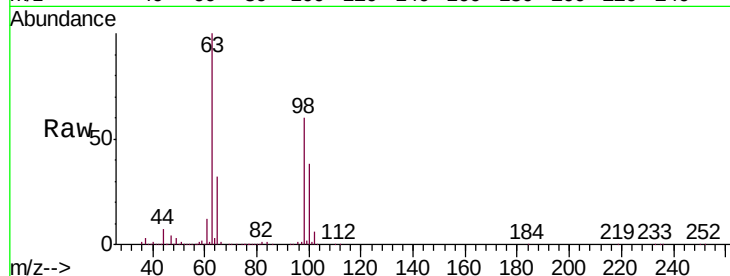
Tgt Ion: 96 Resp: 2322

Ion Ratio Lower Upper

96 100

61 1387.7 116.1 215.5#

63 11618.9 113.3 210.3#



#13

Acetone

Concen: 1.310 ug/L

RT: 2.24 min Scan# 357

Delta R.T. -0.01 min

Lab File: VV012879.D

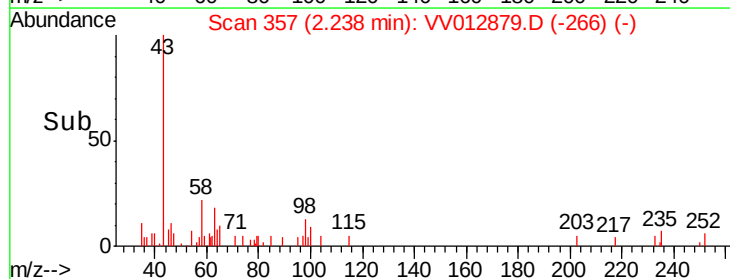
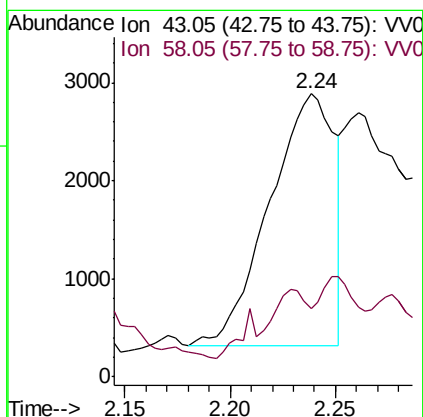
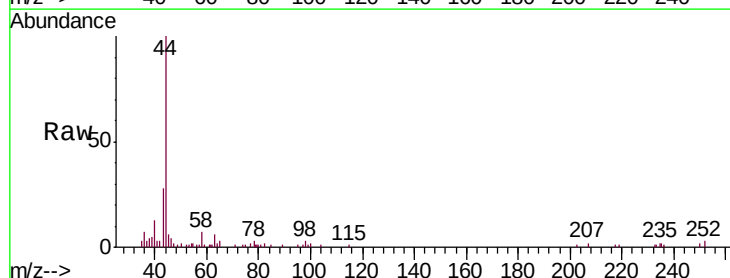
Acq: 17 Sep 2019 22:26

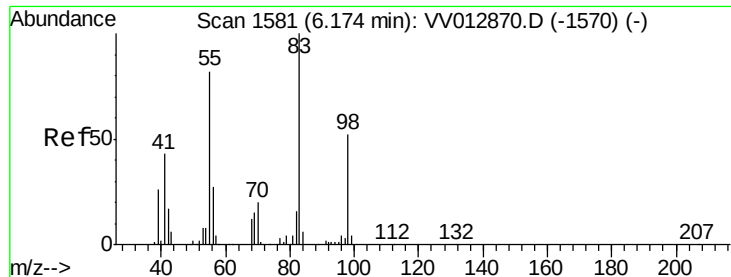
Tgt Ion: 43 Resp: 5476

Ion Ratio Lower Upper

43 100

58 12.6 0.0 24.4

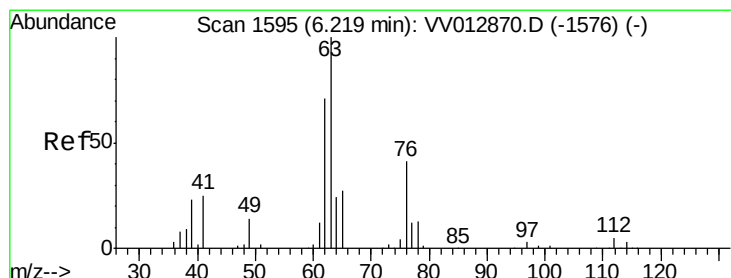
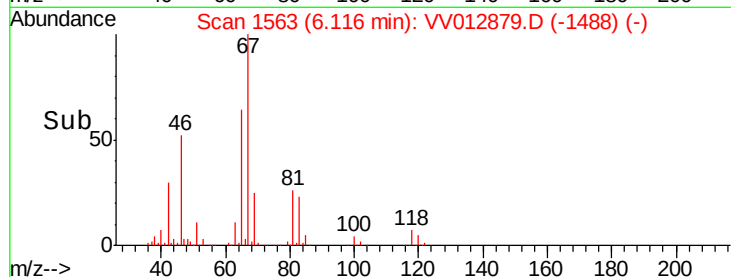
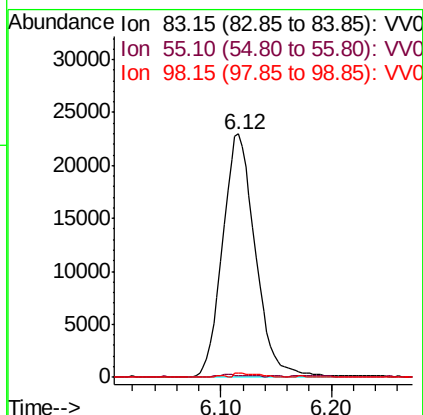
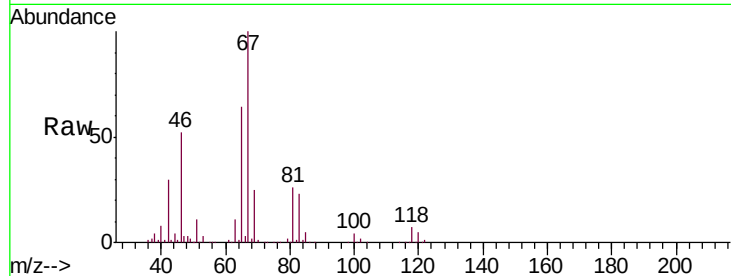




#35
Methylcyclohexane
Concen: 1.415 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012879.D
Acq: 17 Sep 2019 22:26

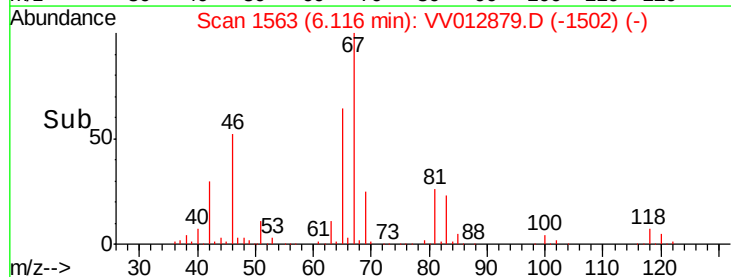
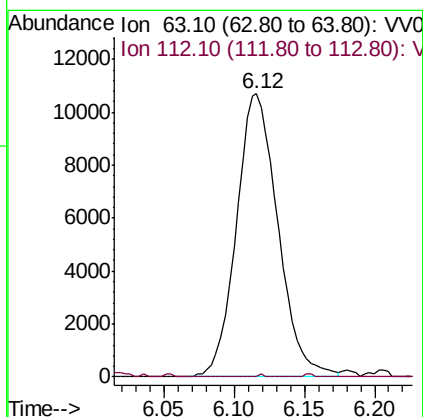
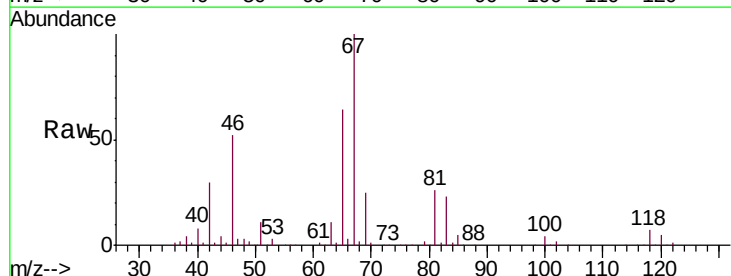
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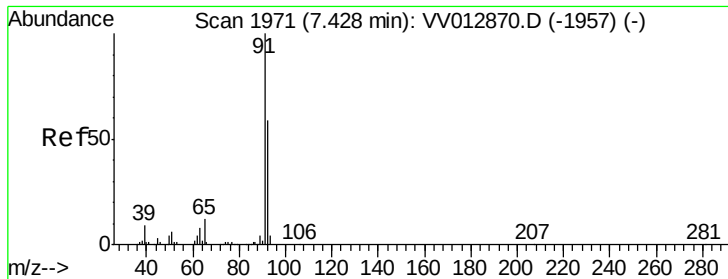
Tgt Ion: 83 Resp: 47443
Ion Ratio Lower Upper
83 100
55 0.2 63.8 95.6#
98 1.2 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.835 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012879.D
Acq: 17 Sep 2019 22:26

Tgt Ion: 63 Resp: 22065
Ion Ratio Lower Upper
63 100
112 0.1 3.8 5.6#





#42

Toluene

Concen: 0.072 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012879.D

Acq: 17 Sep 2019 22:26

Instrument :

MSVOA_V

ClientSampleId :

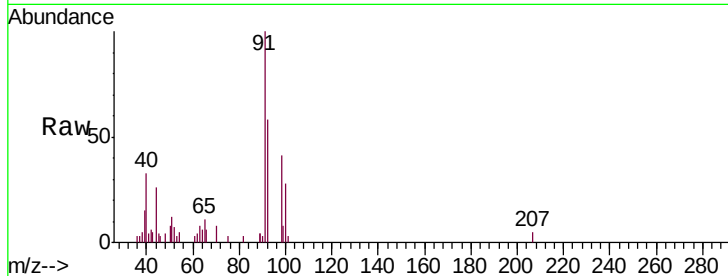
COMQ6

Tgt Ion: 91 Resp: 7284

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

4000

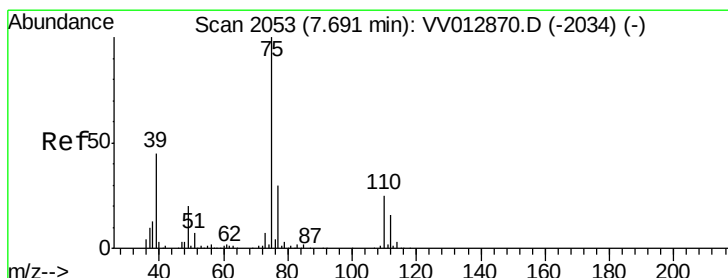
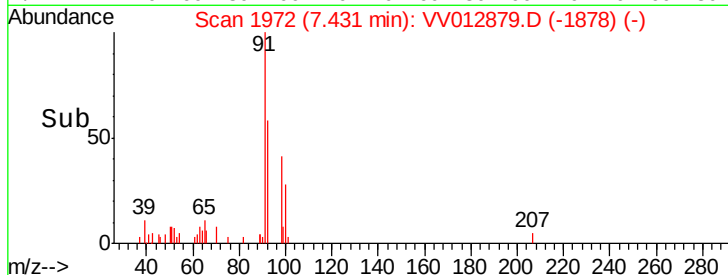
3000

2000

1000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012879.D

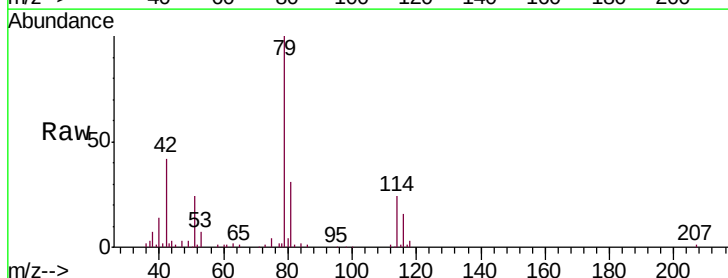
Acq: 17 Sep 2019 22:26

Tgt Ion: 75 Resp: 2823

Ion Ratio Lower Upper

75 100

77 41.0 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

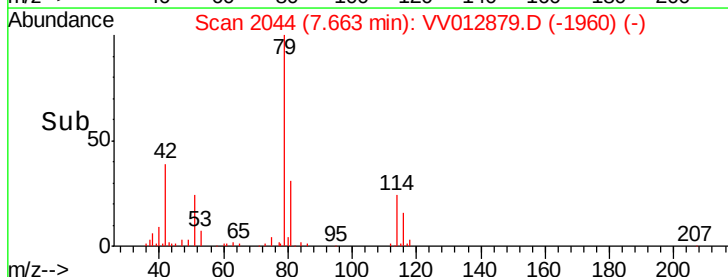
1500

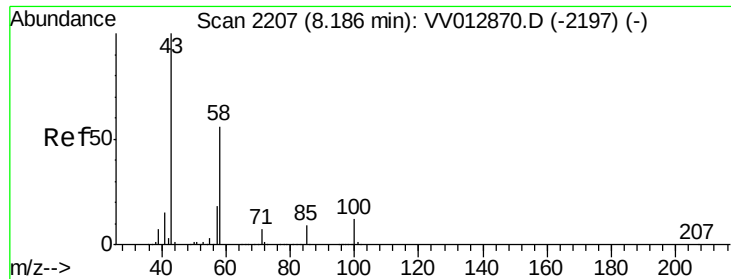
1000

500

0

Time-->





#48
 2-Hexanone
 Concen: 3.870 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV012879.D
 Acq: 17 Sep 2019 22:26

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ6

Tgt Ion:	43	Resp:	47597
Ion	Ratio	Lower	Upper
43	100		
58	43.5	44.5	66.7#
57	32.0	15.0	22.6#
100	2.2	9.7	14.5#

