

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV080919\
 Data File : VV012151.D
 Acq On : 09 Aug 2019 13:30
 Operator : SY/MD
 Sample : K4214-03DL 100X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ6DL

Quant Time: Aug 10 02:32:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 10 02:29:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	126698	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	120208	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	63302	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30122	5.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.80%
7) Chloroethane-d5	1.58	69	23561	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.13	63	48028	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	3.95	46	89612	64.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.78%
24) Chloroform-d	4.40	84	87684	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
26) 1,2-Dichloroethane-d4	5.08	65	47250	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.00%
32) Benzene-d6	5.10	84	170749	5.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.40%
36) 1,2-Dichloropropane-d6	6.12	67	45101	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	7.36	98	162159	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.66	79	21660	5.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.20%
46) 2-Hexanone-d5	8.13	63	78859	60.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38028	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	72866	6.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.80%#

Target Compounds

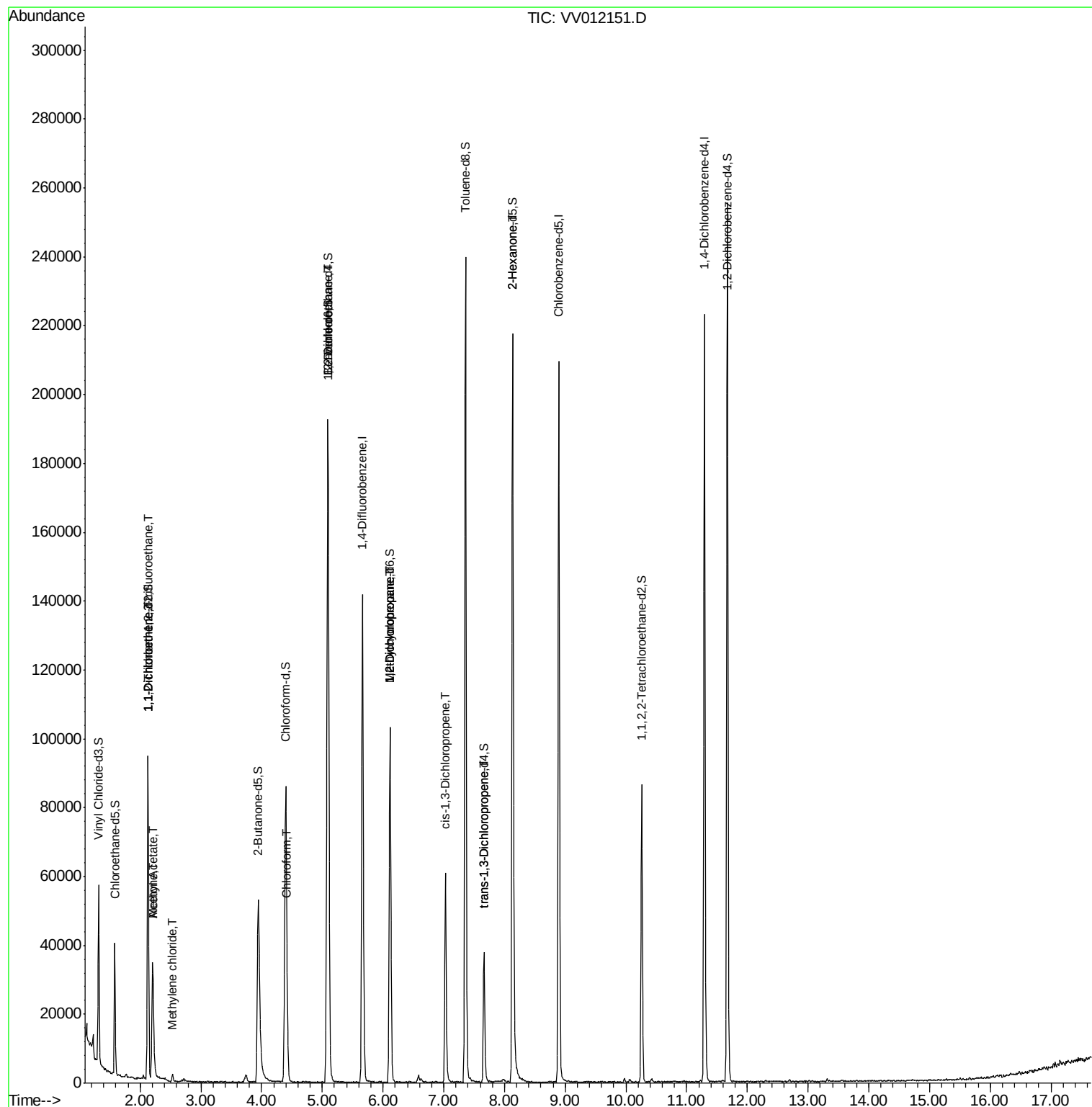
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	416	0.076	ug/L #	12
12) 1,1-Dichloroethene	2.13	96	444	0.088	ug/L #	1
13) Acetone	2.20	43	48360	59.060	ug/L	98
15) Methyl Acetate	2.20	43	45706	25.975	ug/L #	44
16) Methylene chloride	2.53	84	840	0.157	ug/L	83
25) Chloroform	4.43	83	2614	0.167	ug/L	96
27) 1,2-Dichloroethane	5.09	62	1010	0.107	ug/L #	77
35) Methylcyclohexane	6.11	83	12977	0.959	ug/L #	20
37) 1,2-Dichloropropane	6.11	63	5783	0.909	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1491	0.129	ug/L #	52
44) trans-1,3-Dichloropropene	7.66	75	1030	0.111	ug/L #	80
48) 2-Hexanone	8.14	43	9338	3.676	ug/L #	69

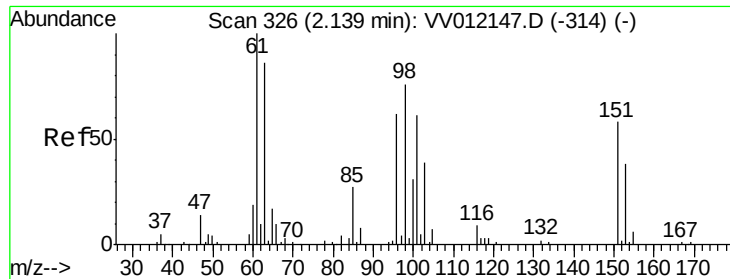
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 02:29:42 2019
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV012151.D

Acq: 09 Aug 2019 13:30

Instrument :

MSVOA_V

ClientSampleId :

C0JZ6DL

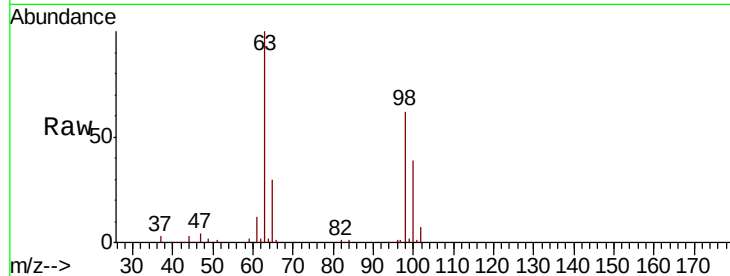
Tgt Ion: 101 Resp: 416

Ion Ratio Lower Upper

101 100

85 0.0 34.3 51.5#

151 0.0 75.0 112.6#



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

2.13

300

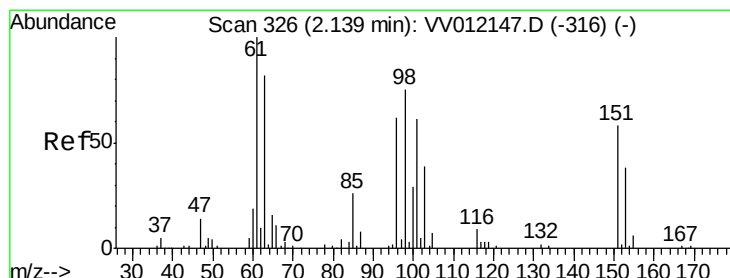
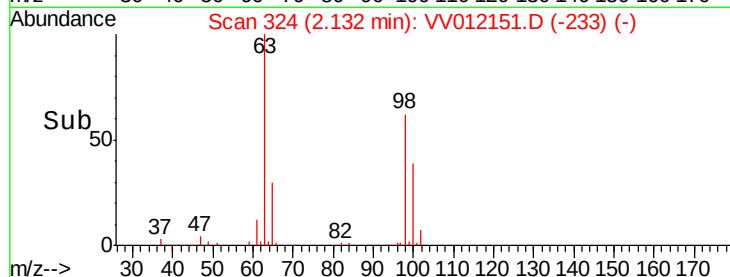
200

100

0

2.10 2.12 2.14 2.16

Time-->



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012151.D

Acq: 09 Aug 2019 13:30

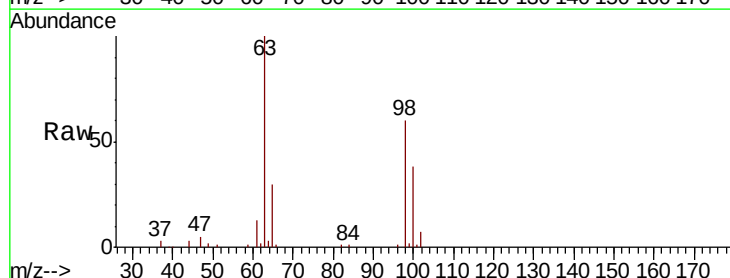
Tgt Ion: 96 Resp: 444

Ion Ratio Lower Upper

96 100

61 1329.9 114.7 213.1#

63 10379.4 94.9 176.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

40000

30000

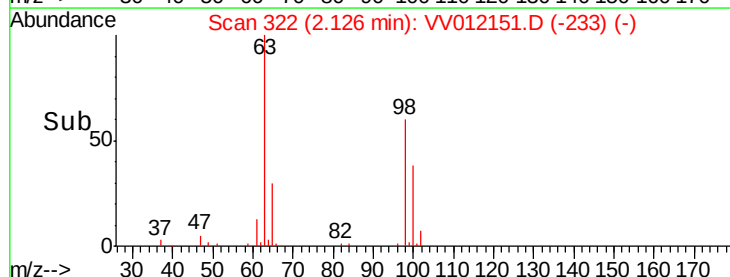
20000

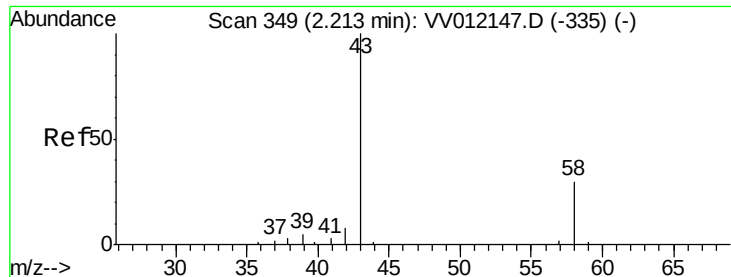
10000

0

2.10 2.12 2.14 2.16

Time-->





#13

Acetone

Concen: 59.060 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV012151.D

Acq: 09 Aug 2019 13:30

Instrument :

MSVOA_V

ClientSampleId :

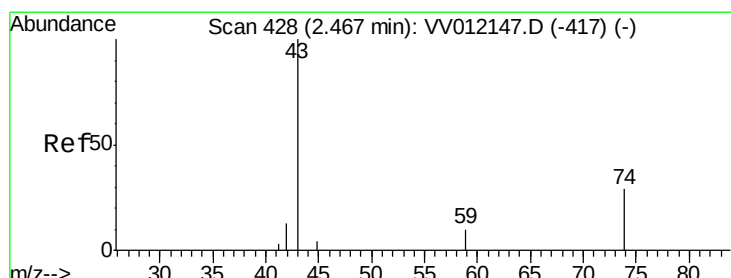
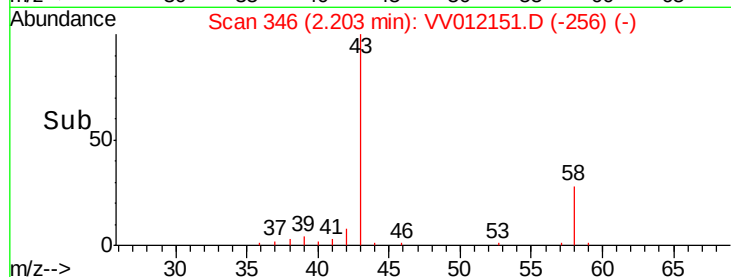
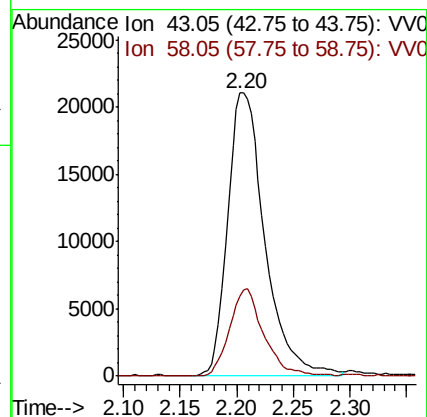
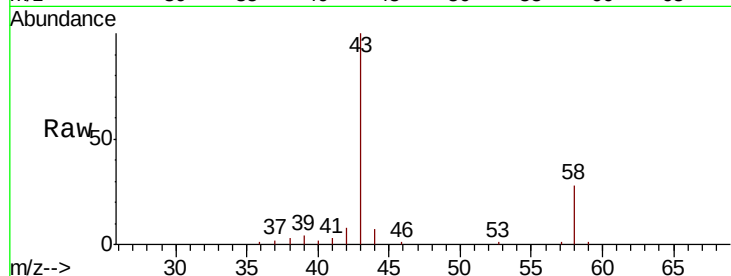
C0JZ6DL

Tgt Ion: 43 Resp: 48360

Ion Ratio Lower Upper

43 100

58 28.2 0.0 54.6



#15

Methyl Acetate

Concen: 25.975 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.26 min

Lab File: VV012151.D

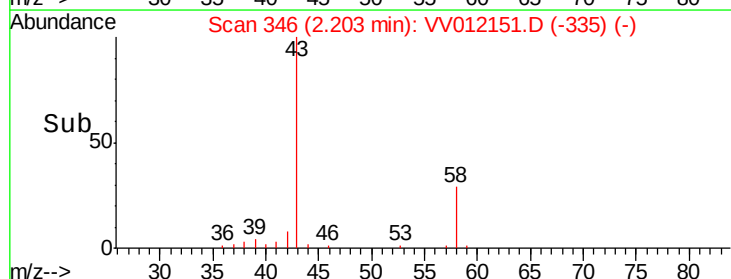
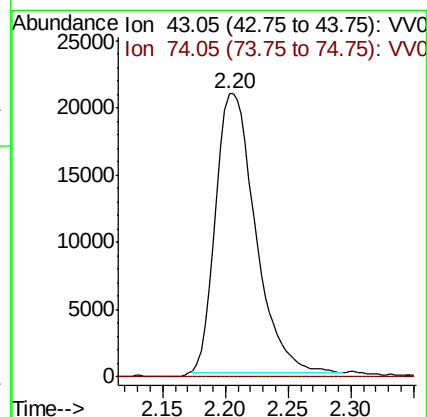
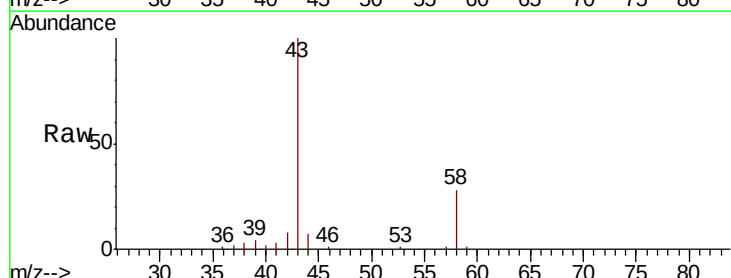
Acq: 09 Aug 2019 13:30

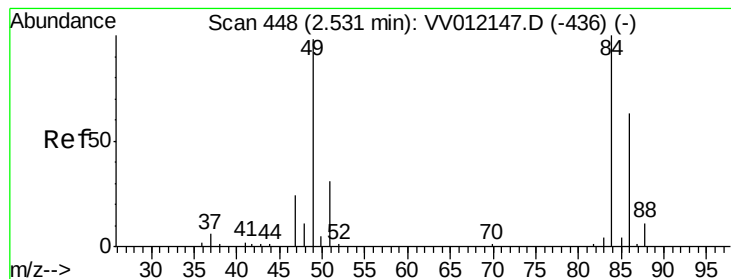
Tgt Ion: 43 Resp: 45706

Ion Ratio Lower Upper

43 100

74 0.0 24.6 36.8#





#16

Methylene chloride

Concen: 0.157 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV012151.D

Acq: 09 Aug 2019 13:30

Instrument :

MSVOA_V

ClientSampleId :

C0JZ6DL

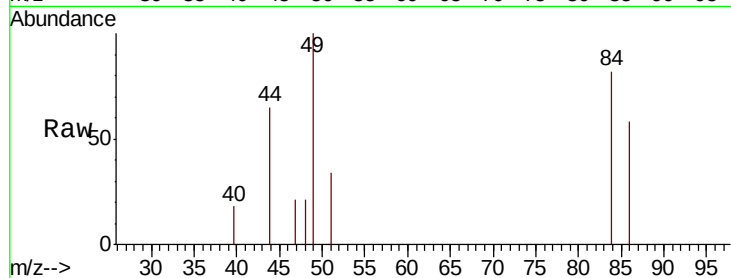
Tgt Ion: 84 Resp: 840

Ion Ratio Lower Upper

84 100

86 70.9 45.4 84.2

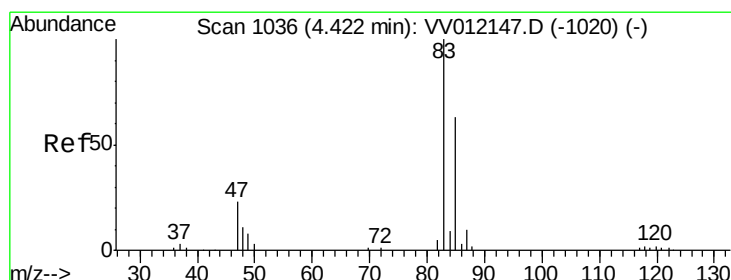
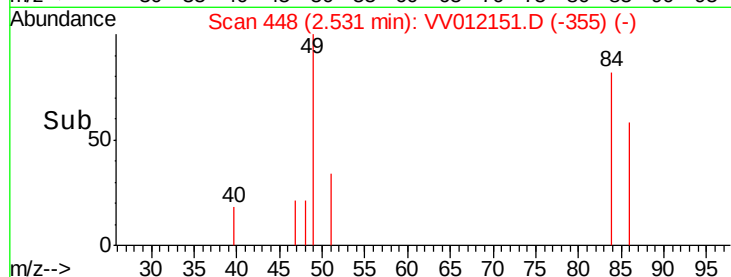
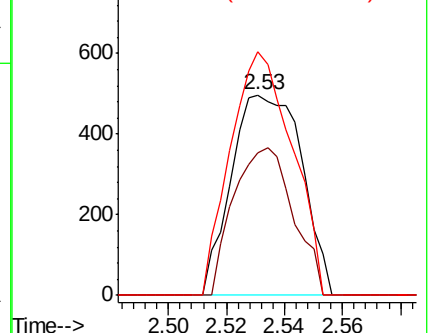
49 121.3 69.2 128.4



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



#25

Chloroform

Concen: 0.167 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV012151.D

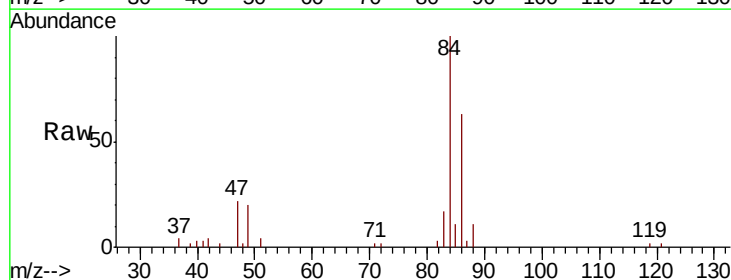
Acq: 09 Aug 2019 13:30

Tgt Ion: 83 Resp: 2614

Ion Ratio Lower Upper

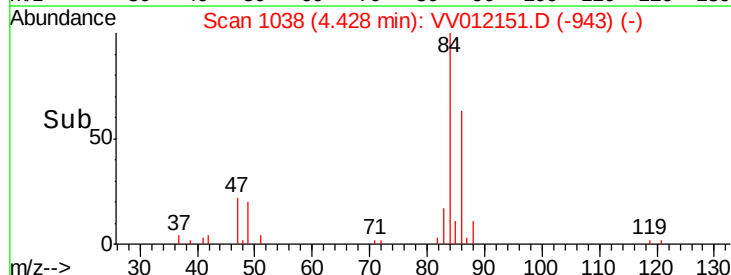
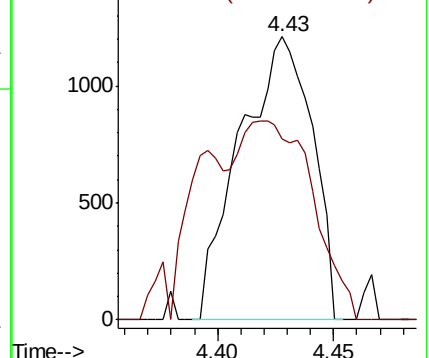
83 100

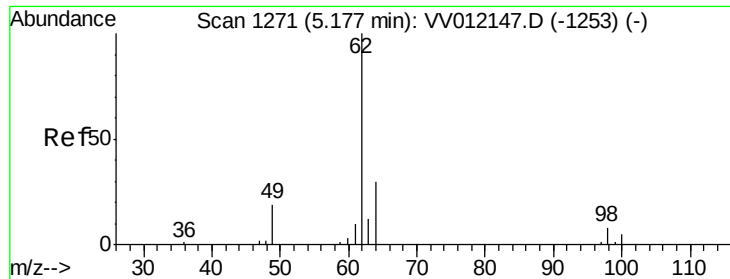
85 63.9 47.1 87.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

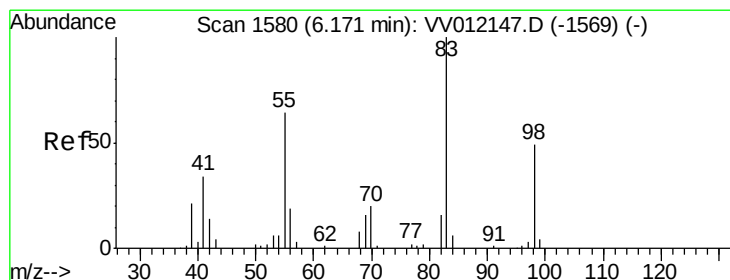
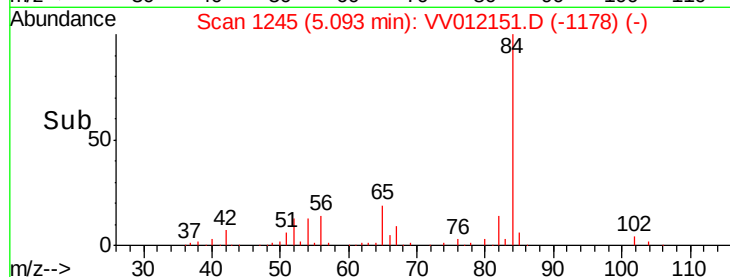
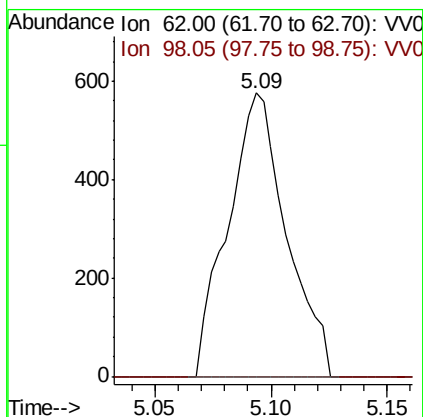
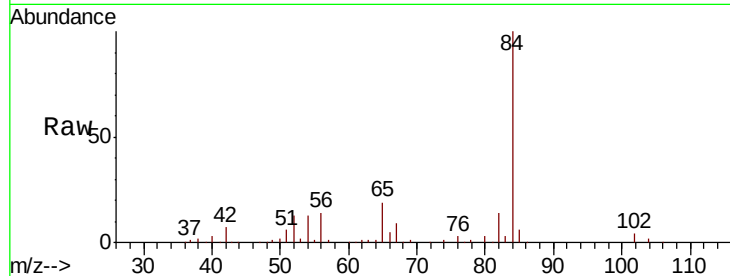




#27
 1,2-Dichloroethane
 Concen: 0.107 ug/L
 RT: 5.09 min Scan# 1245
 Delta R.T. -0.08 min
 Lab File: VV012151.D
 Acq: 09 Aug 2019 13:30

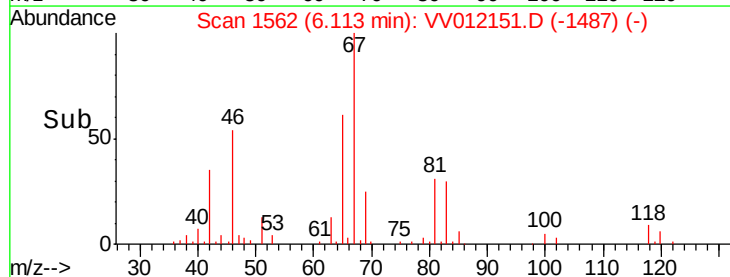
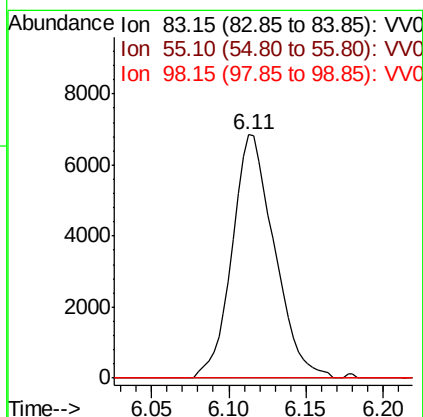
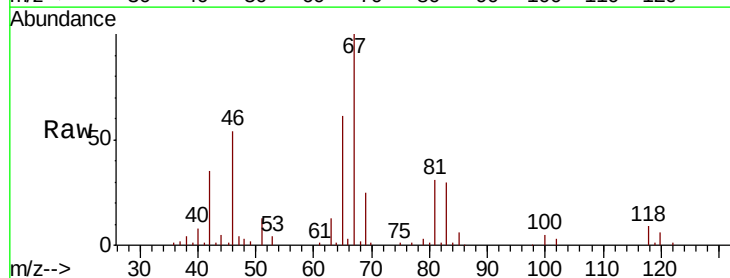
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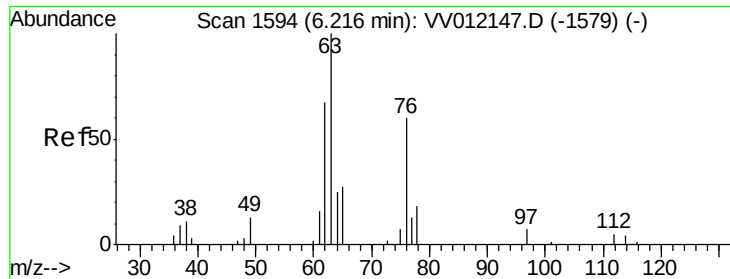
Tgt Ion: 62 Resp: 1010
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.4 9.6#



#35
 Methylcyclohexane
 Concen: 0.959 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV012151.D
 Acq: 09 Aug 2019 13:30

Tgt Ion: 83 Resp: 12977
 Ion Ratio Lower Upper
 83 100
 55 0.0 55.0 82.6#
 98 0.0 40.4 60.6#

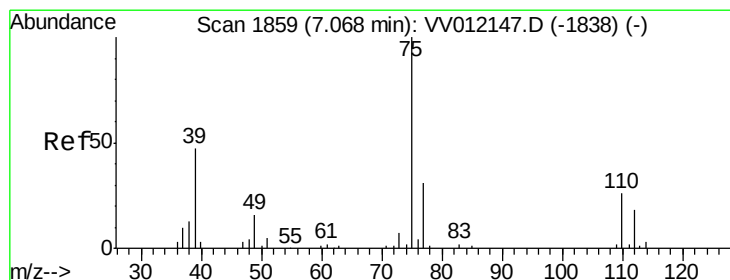
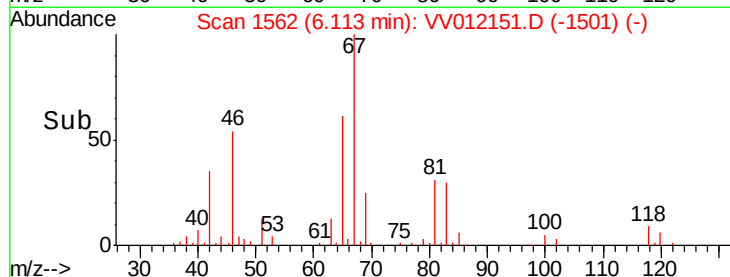
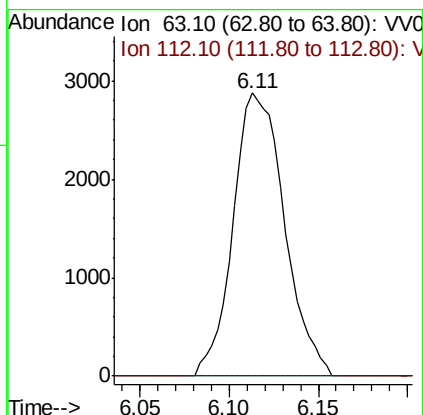
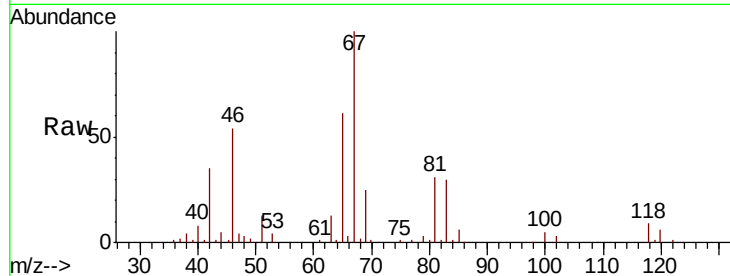




#37
 1,2-Dichloropropane
 Concen: 0.909 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV012151.D
 Acq: 09 Aug 2019 13:30

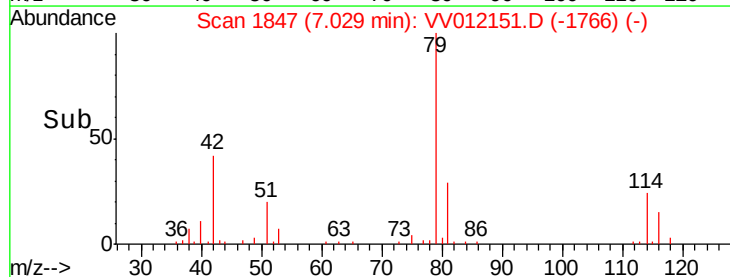
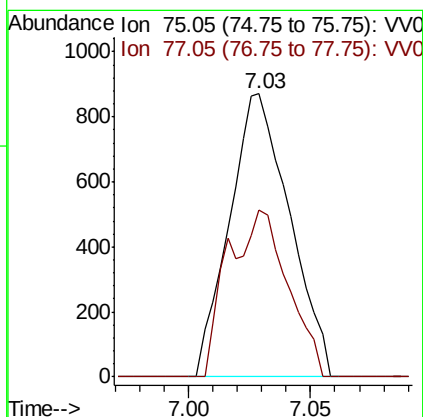
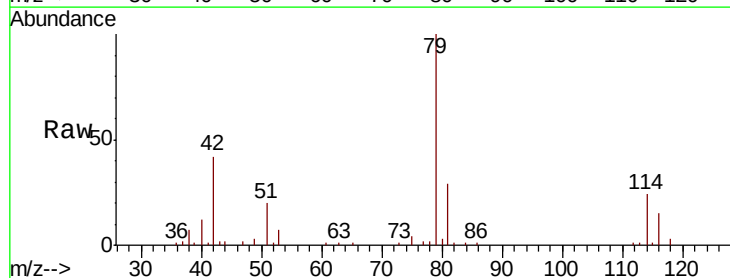
Instrument :
 MSVOA_V
 ClientSampleID :
 C0JZ6DL

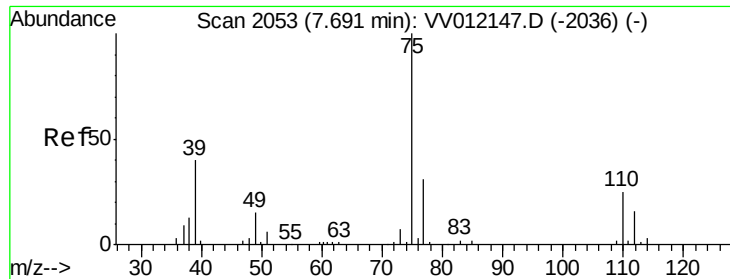
Tgt Ion: 63 Resp: 5783
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.129 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012151.D
 Acq: 09 Aug 2019 13:30

Tgt Ion: 75 Resp: 1491
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012151.D

Acq: 09 Aug 2019 13:30

Instrument :

MSVOA_V

ClientSampleId :

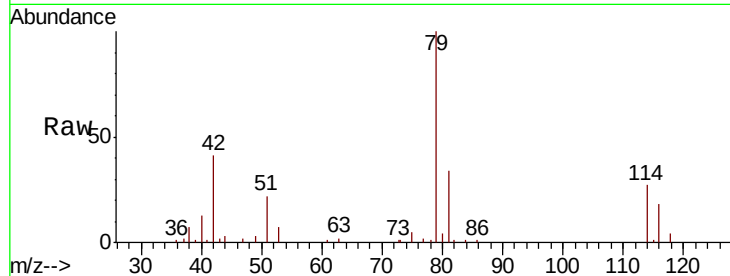
C0JZ6DL

Tgt Ion: 75 Resp: 1030

Ion Ratio Lower Upper

75 100

77 42.5 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

600

400

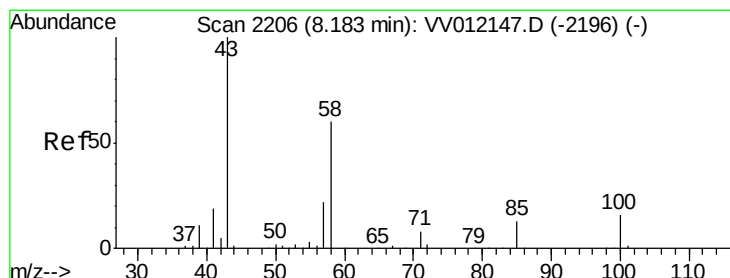
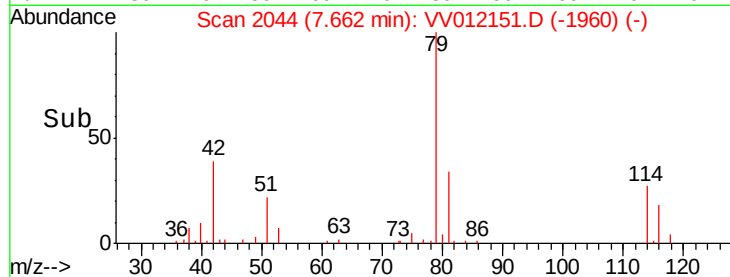
200

0

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 3.676 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV012151.D

Acq: 09 Aug 2019 13:30

Tgt Ion: 43 Resp: 9338

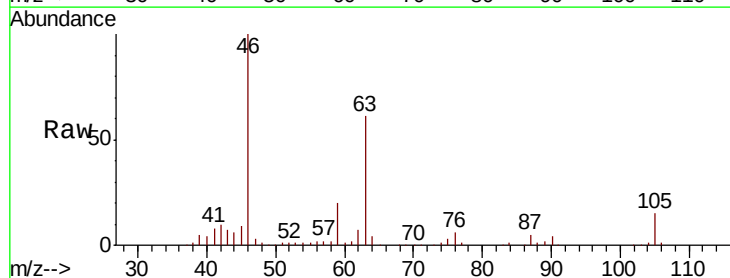
Ion Ratio Lower Upper

43 100

58 30.2 46.4 69.6#

57 26.0 17.7 26.5

100 0.4 12.9 19.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

8000

6000

4000

2000

0

8.10

8.15

8.20

Time-->

