

Data File : VV012224.D
Acq On : 13 Aug 2019 19:35
Operator : SY/MD
Sample : K4337-01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AC6

Quant Time: Aug 14 02:53:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Aug 14 02:48:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	202415	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	196475	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	83710	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57296	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	46145	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.13	63	72984	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.94	46	144622	53.70	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.40%
24) Chloroform-d	4.40	84	114825	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.08	65	57577	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	235212	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.12	67	70294	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.36	98	198025	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	24992	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.14	63	90631	50.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49187	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	71903	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

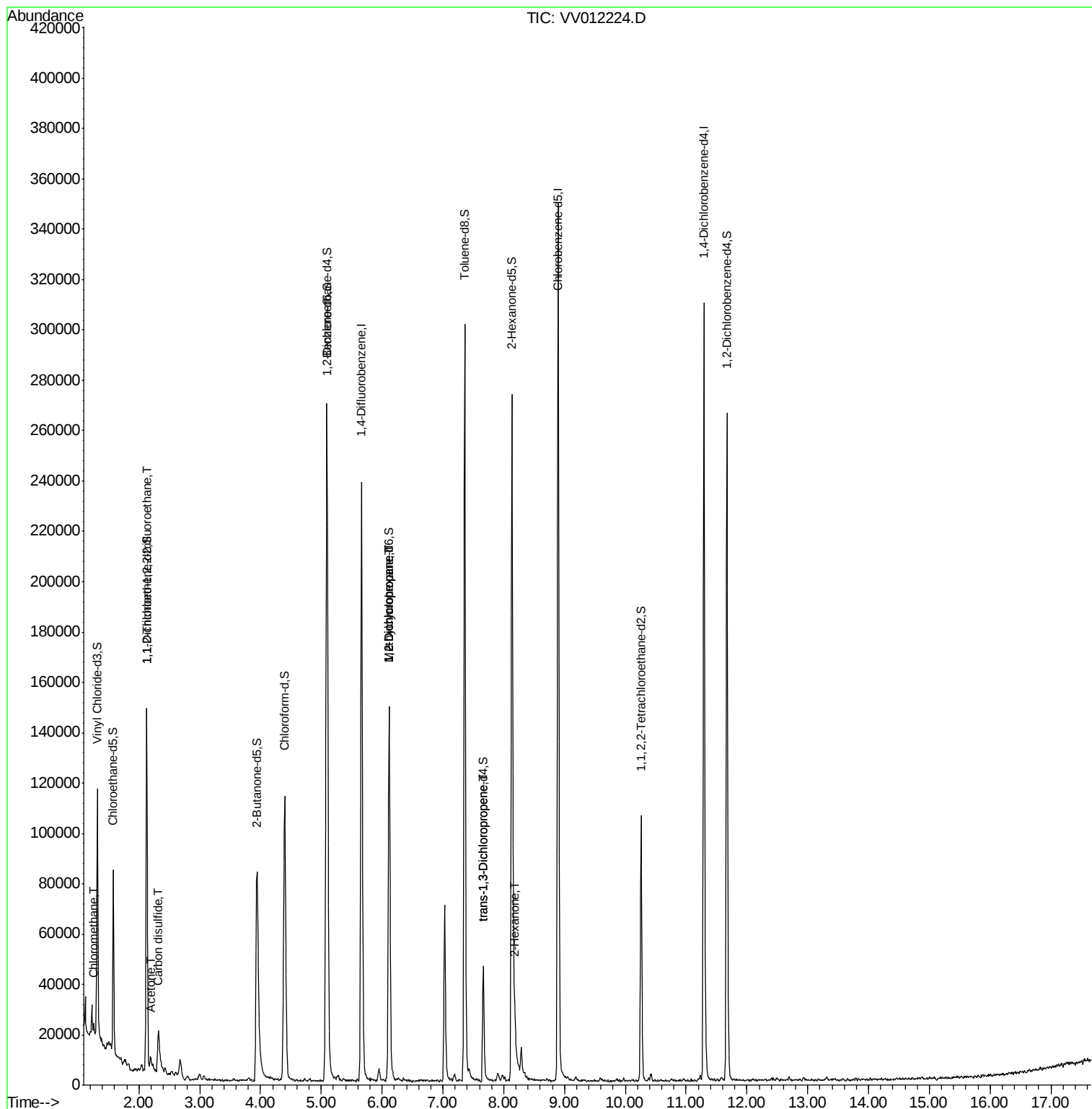
						Qvalue
3) Chloromethane	1.25	50	2699	0.153	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	883	0.077	ug/L #	26
13) Acetone	2.19	43	3985	2.374	ug/L	87
14) Carbon disulfide	2.32	76	1595	0.051	ug/L #	60
35) Methylcyclohexane	6.12	83	16711	0.670	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7954	0.538	ug/L #	85
44) trans-1,3-Dichloropropene	7.67	75	1005	0.063	ug/L #	59
48) 2-Hexanone	8.19	43	9471	1.653	ug/L	97

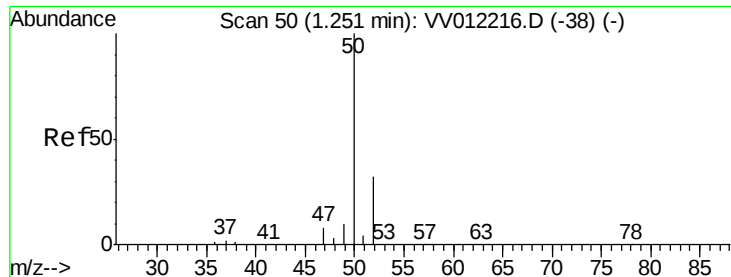
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.153 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

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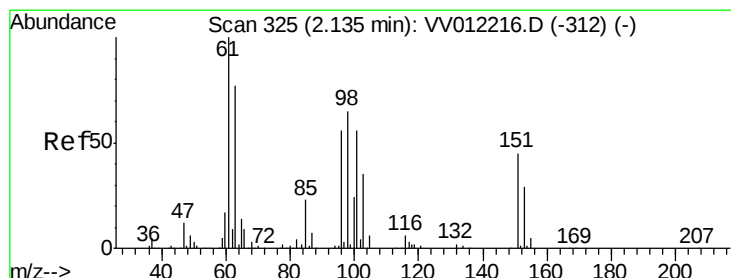
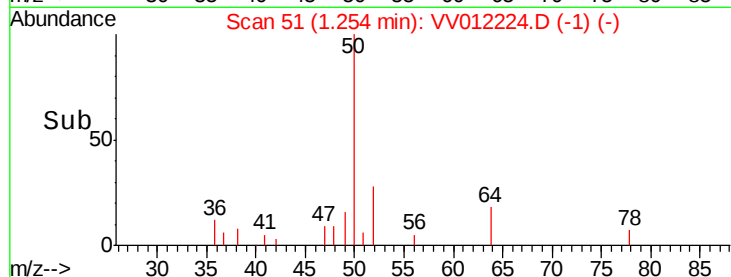
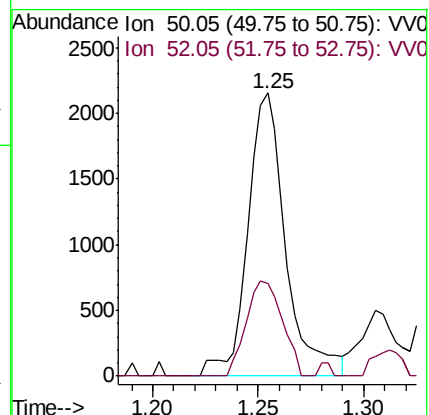
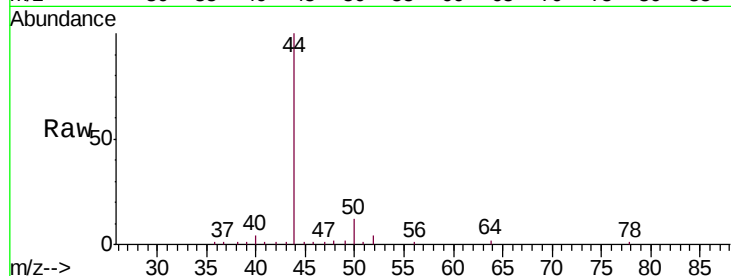
Instrument :
MSVOA_V
ClientSampleId :
C0AC6

Tgt Ion: 50 Resp: 2699

Ion Ratio Lower Upper

50 100

52 32.9 22.6 42.0



#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012224.D

Acq: 13 Aug 2019 19:35

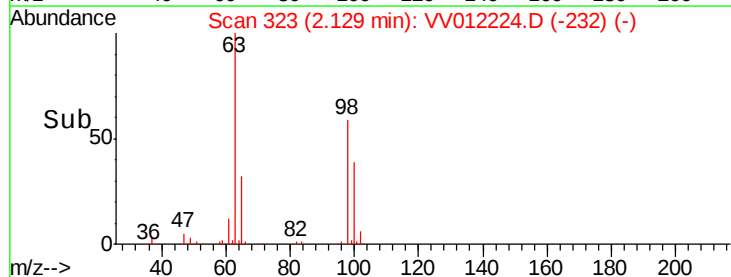
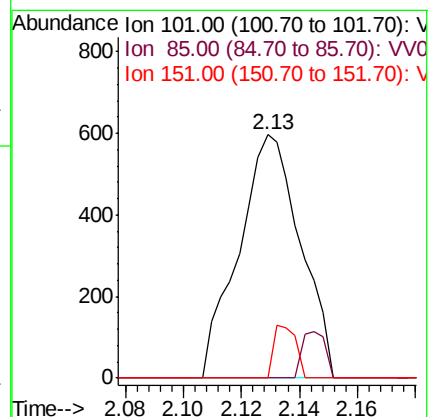
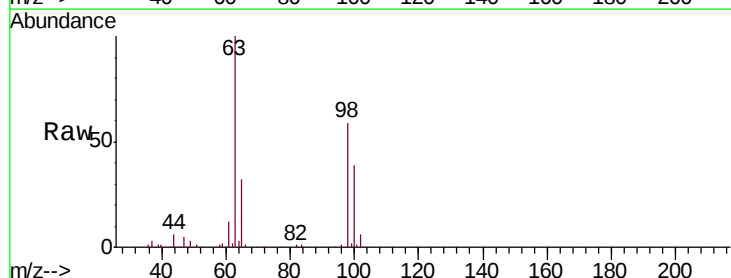
Tgt Ion: 101 Resp: 883

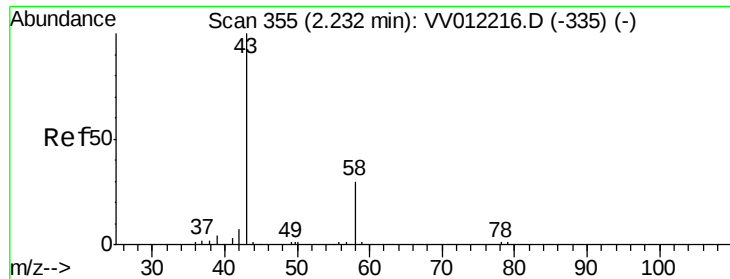
Ion Ratio Lower Upper

101 100

85 7.0 33.7 50.5#

151 7.7 66.3 99.5#





#13

Acetone

Concen: 2.374 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.04 min

Lab File: VV012224.D

Acq: 13 Aug 2019 19:35

Instrument :

MSVOA_V

ClientSampleId :

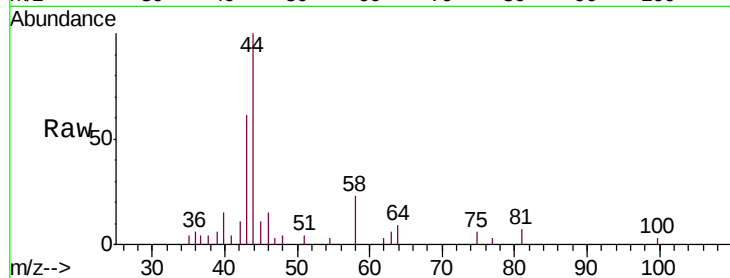
C0AC6

Tgt Ion: 43 Resp: 3985

Ion Ratio Lower Upper

43 100

58 37.0 0.0 59.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

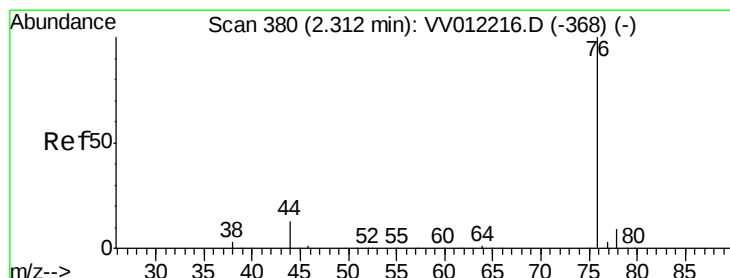
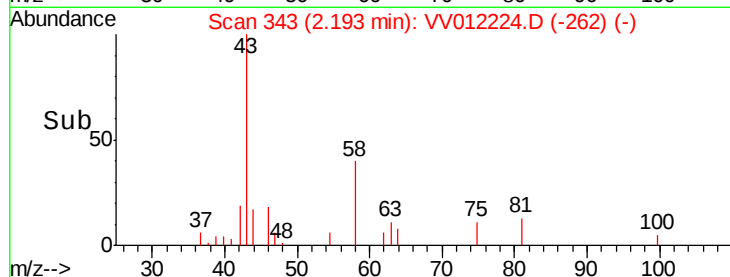
1000

500

0

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 0.051 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV012224.D

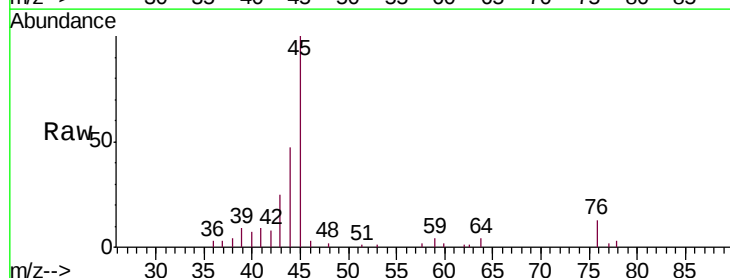
Acq: 13 Aug 2019 19:35

Tgt Ion: 76 Resp: 1595

Ion Ratio Lower Upper

76 100

78 23.4 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

1200

1000

800

600

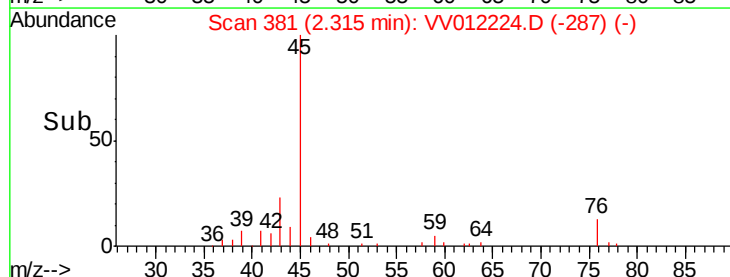
400

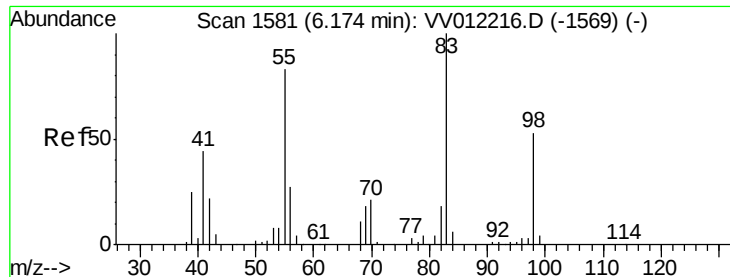
200

0

2.30 2.35

Time-->

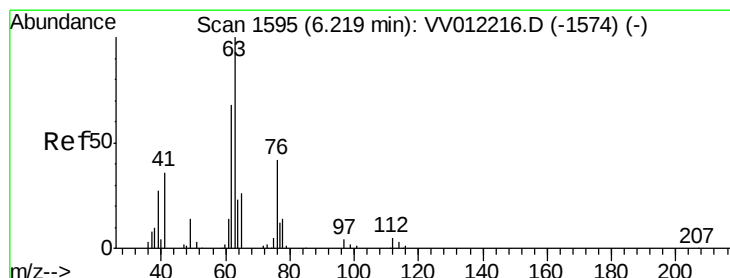
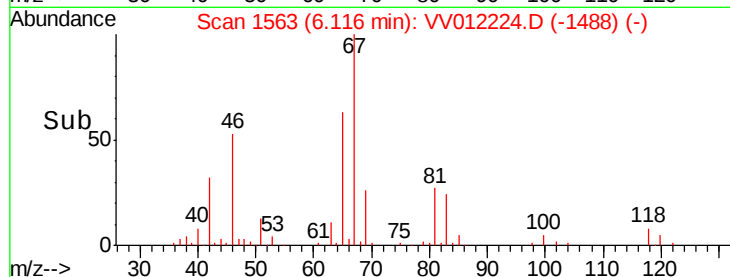
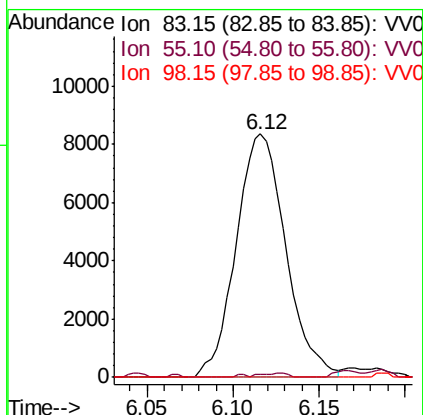
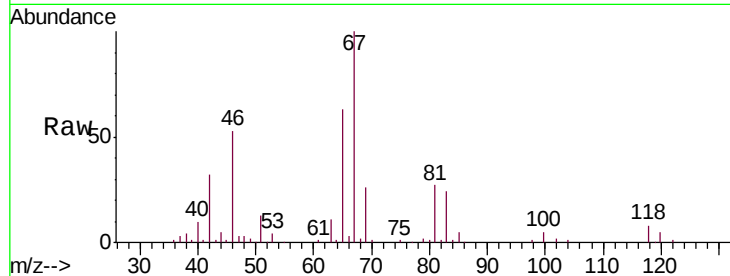




#35
Methylcyclohexane
Concen: 0.670 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012224.D
Acq: 13 Aug 2019 19:35

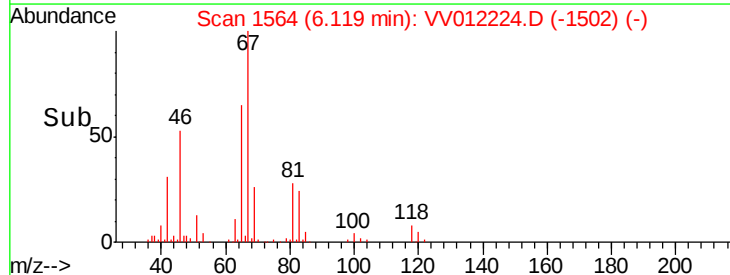
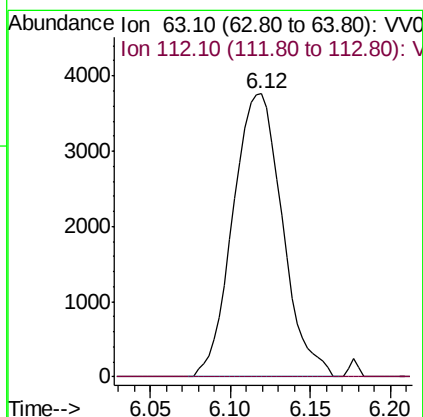
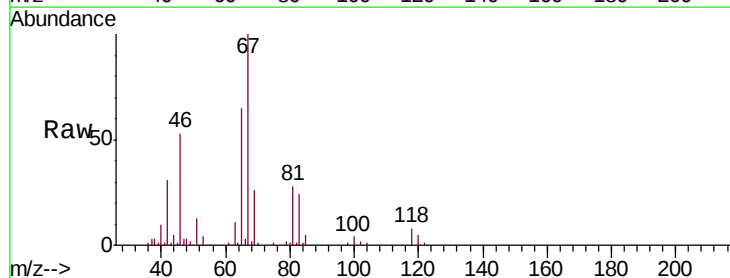
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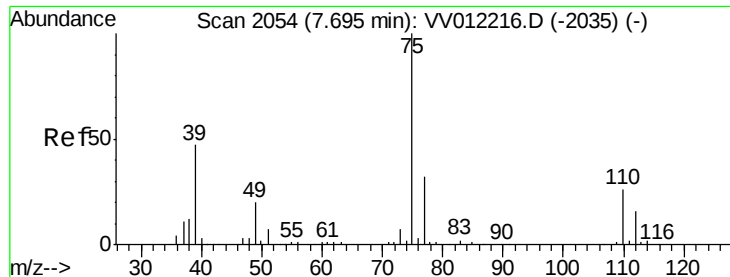
Tgt Ion: 83 Resp: 16711
Ion Ratio Lower Upper
83 100
55 0.3 62.2 93.2#
98 0.0 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.538 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV012224.D
Acq: 13 Aug 2019 19:35

Tgt Ion: 63 Resp: 7954
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV012224.D

Acq: 13 Aug 2019 19:35

Instrument :

MSVOA_V

ClientSampleId :

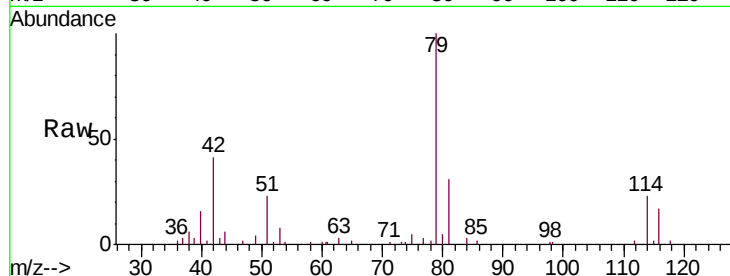
C0AC6

Tgt Ion: 75 Resp: 1005

Ion Ratio Lower Upper

75 100

77 54.8 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.67

600

400

200

0

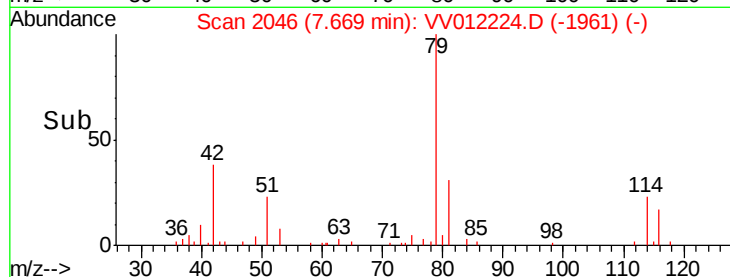
7.62

7.64

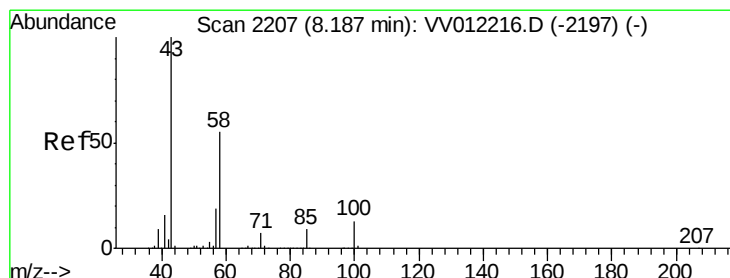
7.66

7.68

7.70



Time-->



#48

2-Hexanone

Concen: 1.653 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. 0.00 min

Lab File: VV012224.D

Acq: 13 Aug 2019 19:35

Tgt Ion: 43 Resp: 9471

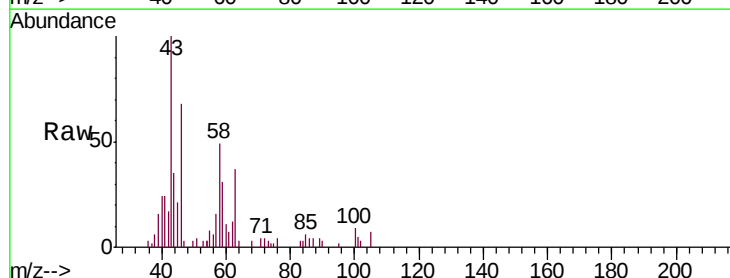
Ion Ratio Lower Upper

43 100

58 52.3 43.0 64.4

57 17.3 14.9 22.3

100 11.0 10.3 15.5



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

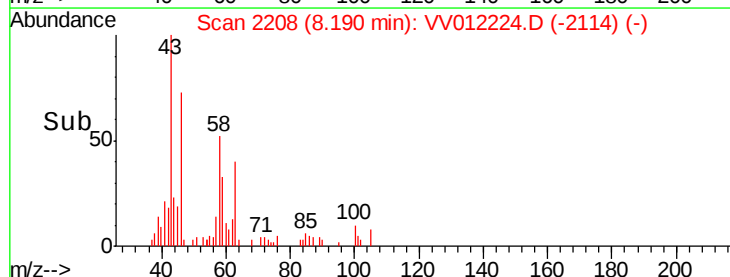
2000

0

8.15

8.20

8.25



Time-->