

Data File : VV012409.D
Acq On : 26 Aug 2019 18:38
Operator : SY/MD
Sample : K4501-10
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM5

Quant Time: Aug 27 02:25:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 02:19:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	225785	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	88687	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48330	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	34270	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	62878	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.97	46	151585	49.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.70%
24) Chloroform-d	4.40	84	116123	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	60294	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.10	84	236437	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.12	67	74071	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.36	98	187504	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	7.66	79	23522	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	70654	36.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43993	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	67422	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

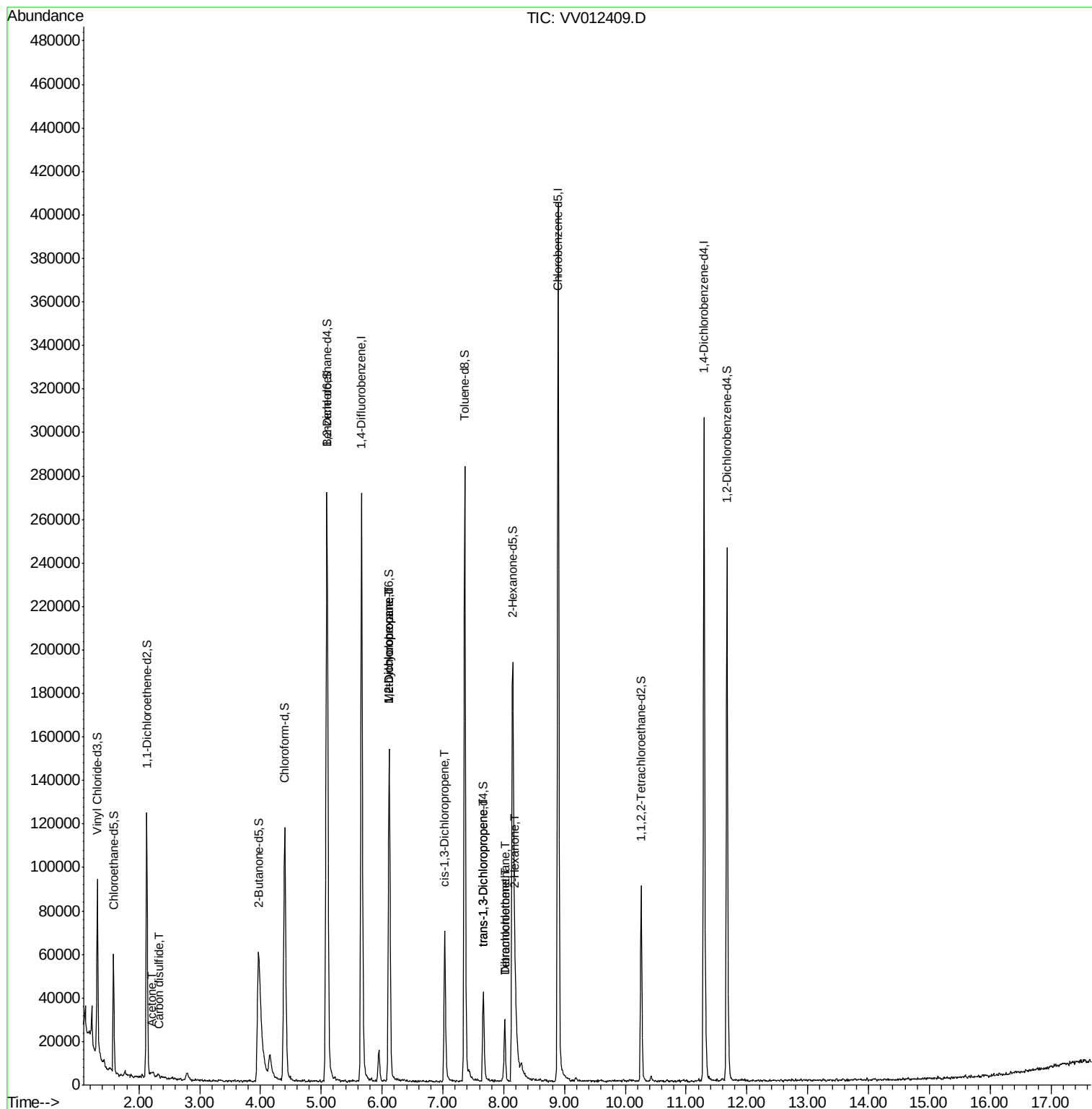
					Qvalue
13) Acetone	2.22	43	3450	2.622 ug/L	94
14) Carbon disulfide	2.32	76	1818	0.064 ug/L #	77
35) Methylcyclohexane	6.12	83	17845	0.749 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8242	0.578 ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1733	0.090 ug/L #	78
44) trans-1,3-Dichloropropene	7.68	75	1138	0.079 ug/L	90
47) Tetrachloroethene	8.02	164	6865	0.561 ug/L	98
48) 2-Hexanone	8.19	43	20354	3.696 ug/L #	74
49) Dibromochloromethane	8.02	129	5602	0.506 ug/L #	11

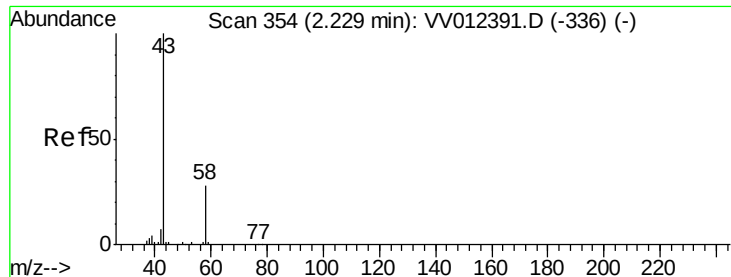
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.622 ug/L

RT: 2.22 min Scan# 352

Delta R.T. -0.01 min

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Acq: 26 Aug 2019 18:38

Instrument :

MSVOA_V

ClientSampled :

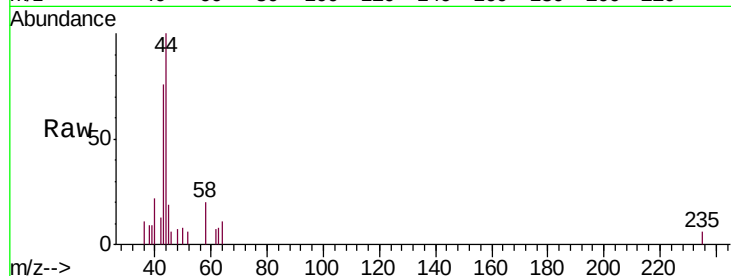
GANM5

Tgt Ion: 43 Resp: 3450

Ion Ratio Lower Upper

43 100

58 34.6 0.0 62.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

1500

1000

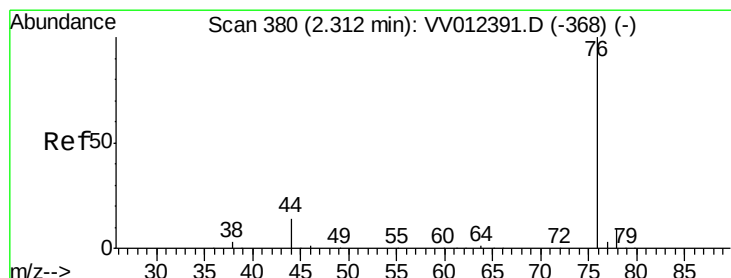
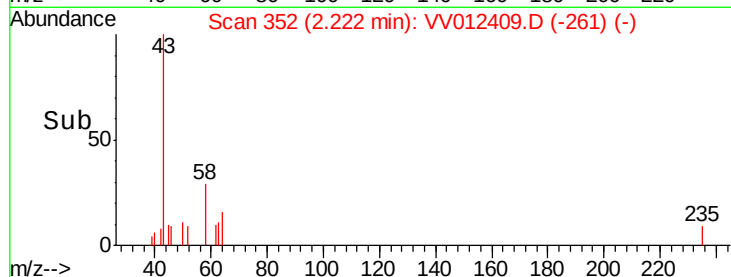
500

0

2.22

2.25

Time-->



#14

Carbon disulfide

Concen: 0.064 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV012409.D

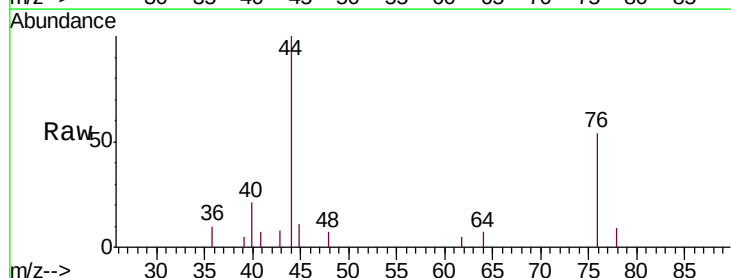
Acq: 26 Aug 2019 18:38

Tgt Ion: 76 Resp: 1818

Ion Ratio Lower Upper

76 100

78 17.4 7.3 10.9#



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

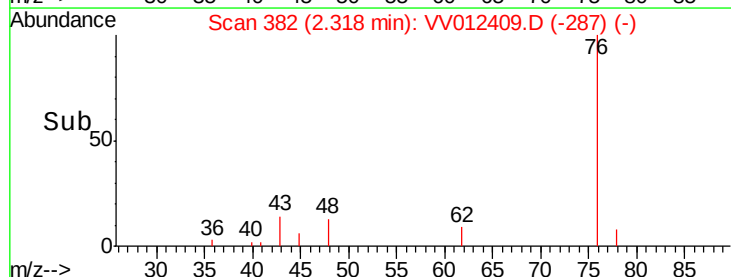
0

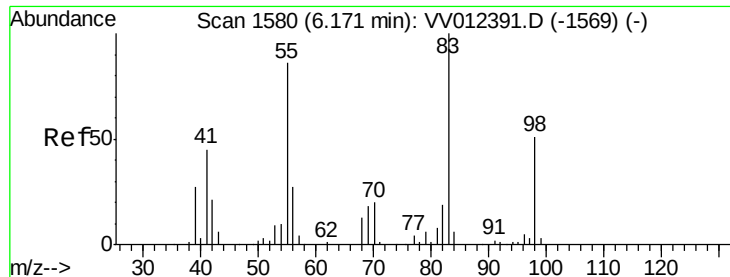
2.30

2.32

2.35

Time-->





#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

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Instrument :
MSVOA_V
ClientSampleId :
GANM5

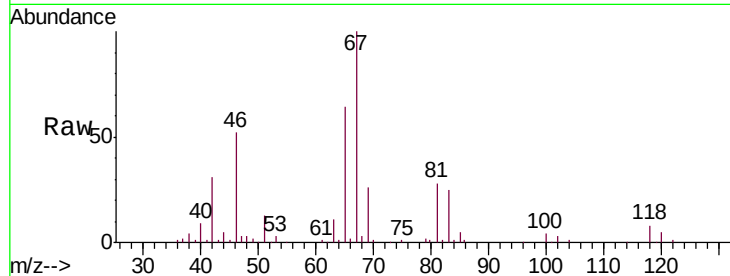
Tgt Ion: 83 Resp: 17845

Ion Ratio Lower Upper

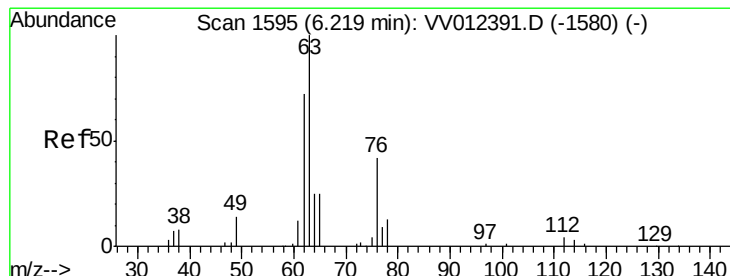
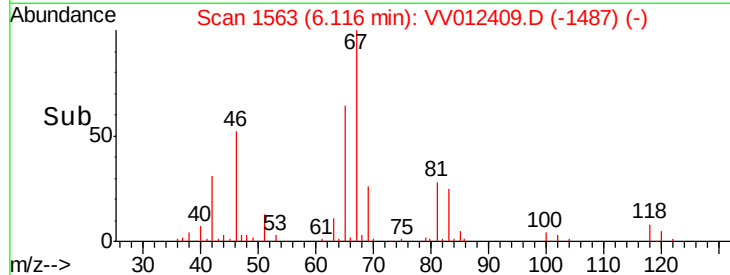
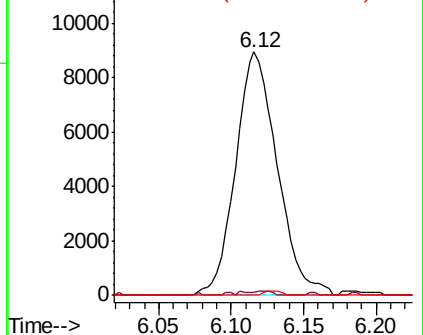
83 100

55 0.7 64.6 97.0#

98 0.7 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: 0.578 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV012409.D

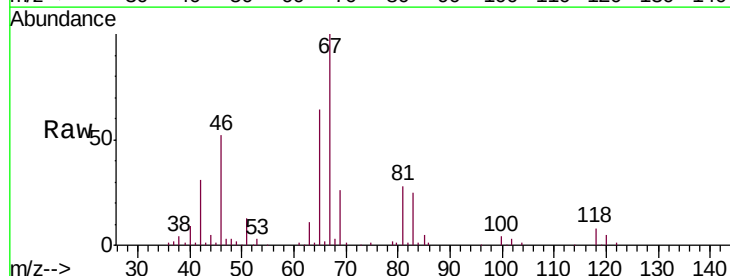
Acq: 26 Aug 2019 18:38

Tgt Ion: 63 Resp: 8242

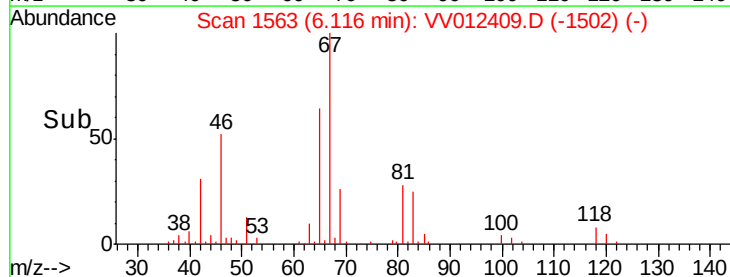
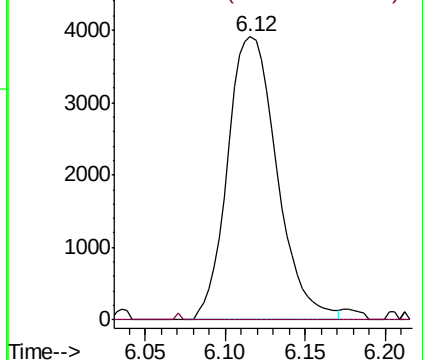
Ion Ratio Lower Upper

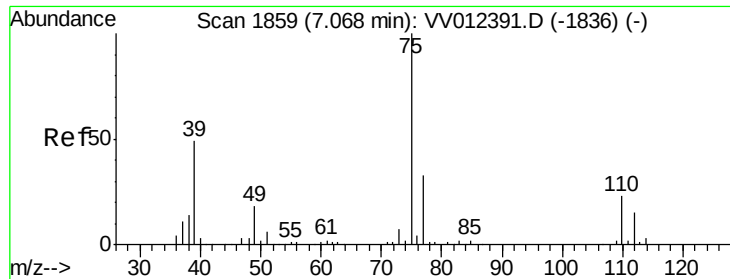
63 100

112 0.2 4.2 6.2#



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

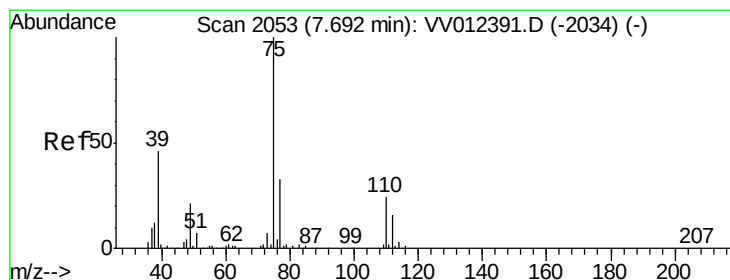
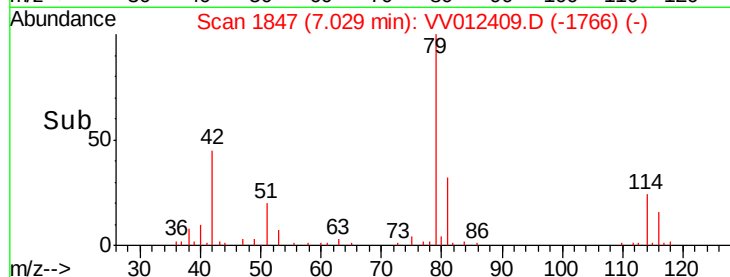
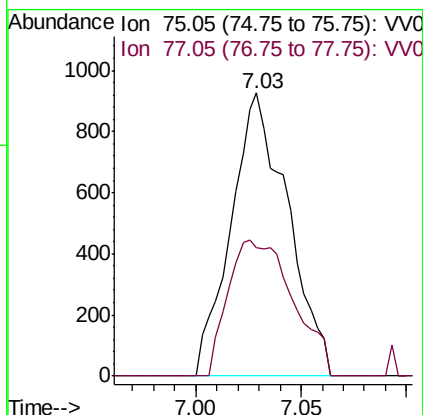
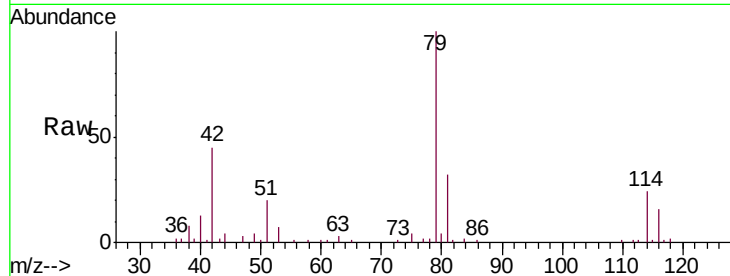




#39
 cis-1,3-Dichloropropene
 Concen: 0.090 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012409.D
 Acq: 26 Aug 2019 18:38

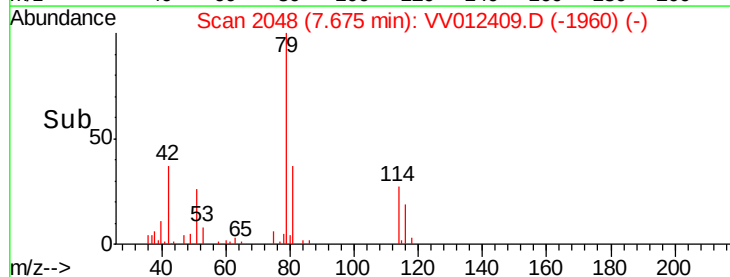
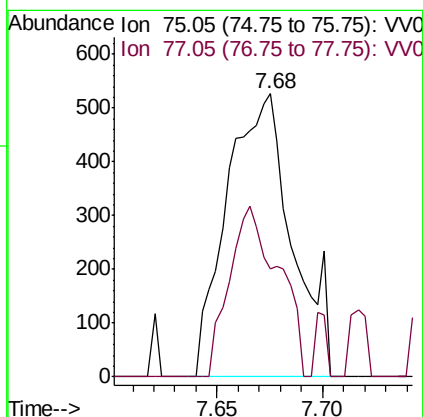
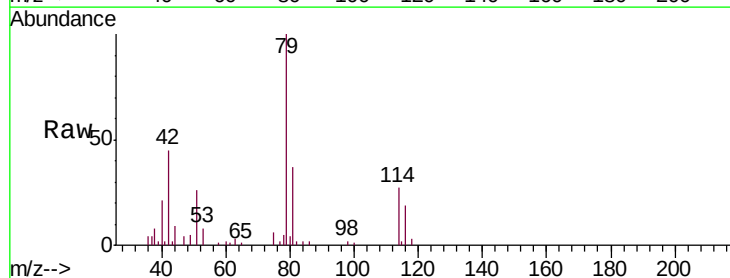
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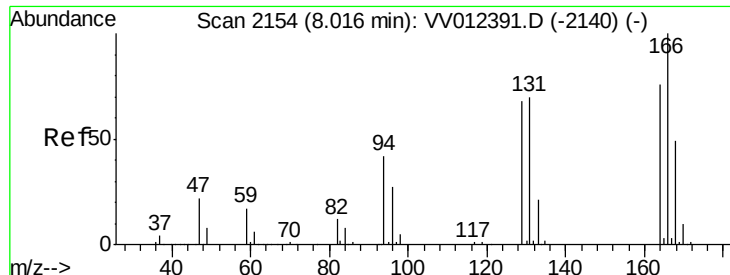
Tgt Ion: 75 Resp: 1733
 Ion Ratio Lower Upper
 75 100
 77 45.6 23.2 43.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.68 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: VV012409.D
 Acq: 26 Aug 2019 18:38

Tgt Ion: 75 Resp: 1138
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.6 42.0

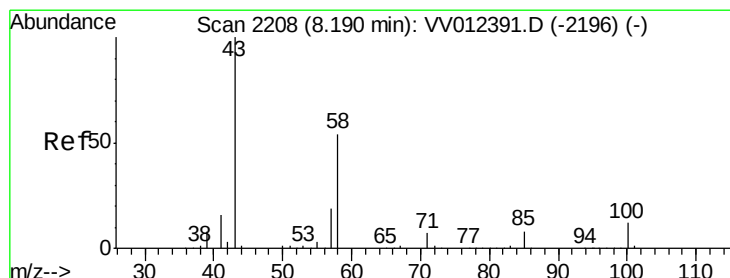
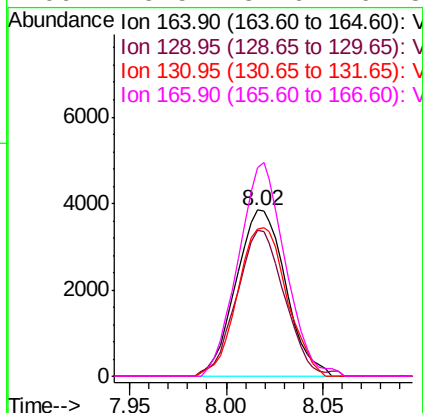
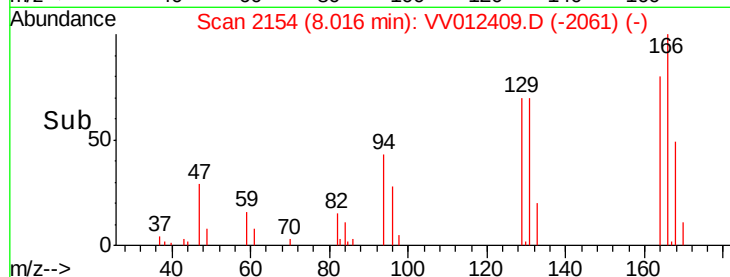
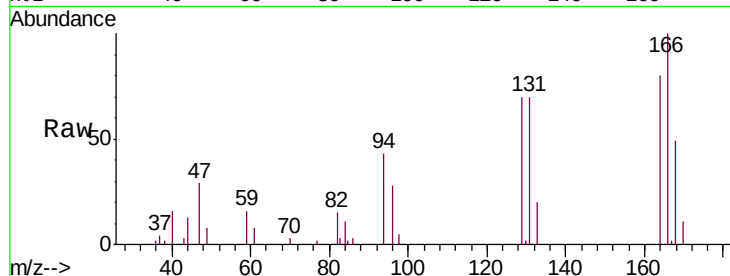




#47
Tetrachloroethene
Concen: 0.561 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012409.D
Acq: 26 Aug 2019 18:38

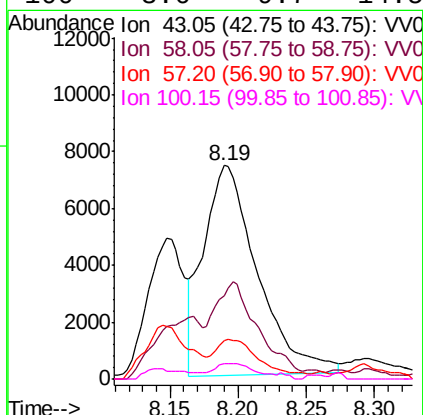
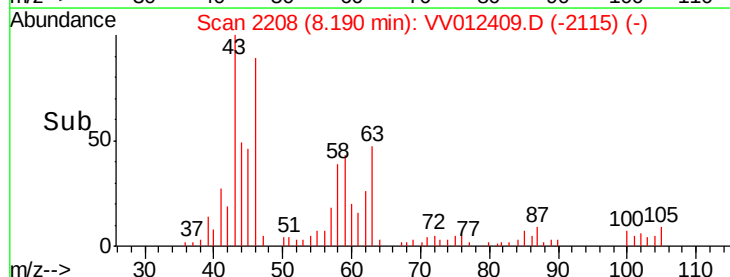
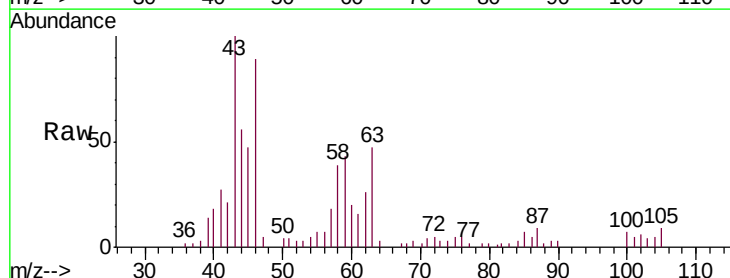
Instrument :
MSVOA_V
ClientSampleId :
GANM5

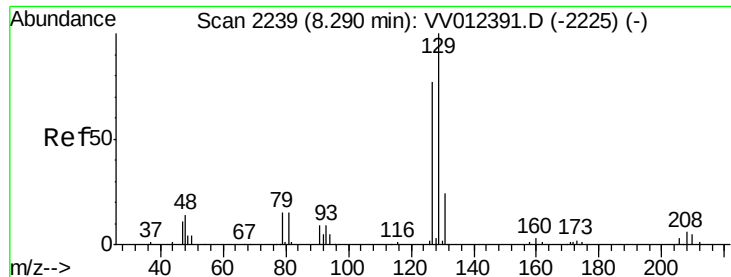
Tgt Ion:164 Resp: 6865
Ion Ratio Lower Upper
164 100
129 87.6 60.6 112.6
131 88.5 58.8 109.2
166 125.5 87.6 162.8



#48
2-Hexanone
Concen: 3.696 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV012409.D
Acq: 26 Aug 2019 18:38

Tgt Ion: 43 Resp: 20354
Ion Ratio Lower Upper
43 100
58 34.7 46.3 69.5#
57 13.5 14.9 22.3#
100 3.6 9.7 14.5#





#49

Dibromochloromethane

Concen: 0.506 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.27 min

Lab File: VV012409.D

Acq: 26 Aug 2019 18:38

Instrument :
MSVOA_V
ClientSampleId :
GANM5

Tgt Ion:129 Resp: 5602

Ion Ratio Lower Upper

129 100

127 0.0 53.8 99.8#

