

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008304.D
 Acq On : 16 Oct 2018 18:16
 Operator : SY/MD
 Sample : J5406-15
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AK9

Quant Time: Oct 17 02:33:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	95712	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	32244	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28307	5.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	1.59	69	19114	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.14	63	40358	3.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.80%
20) 2-Butanone-d5	3.97	46	85617	47.19	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.38%
24) Chloroform-d	4.41	84	52611	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
26) 1,2-Dichloroethane-d4	5.09	65	27984	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	114469	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.12	67	38823	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	101361	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	12123	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.14	63	46642	40.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22131	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	28952	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

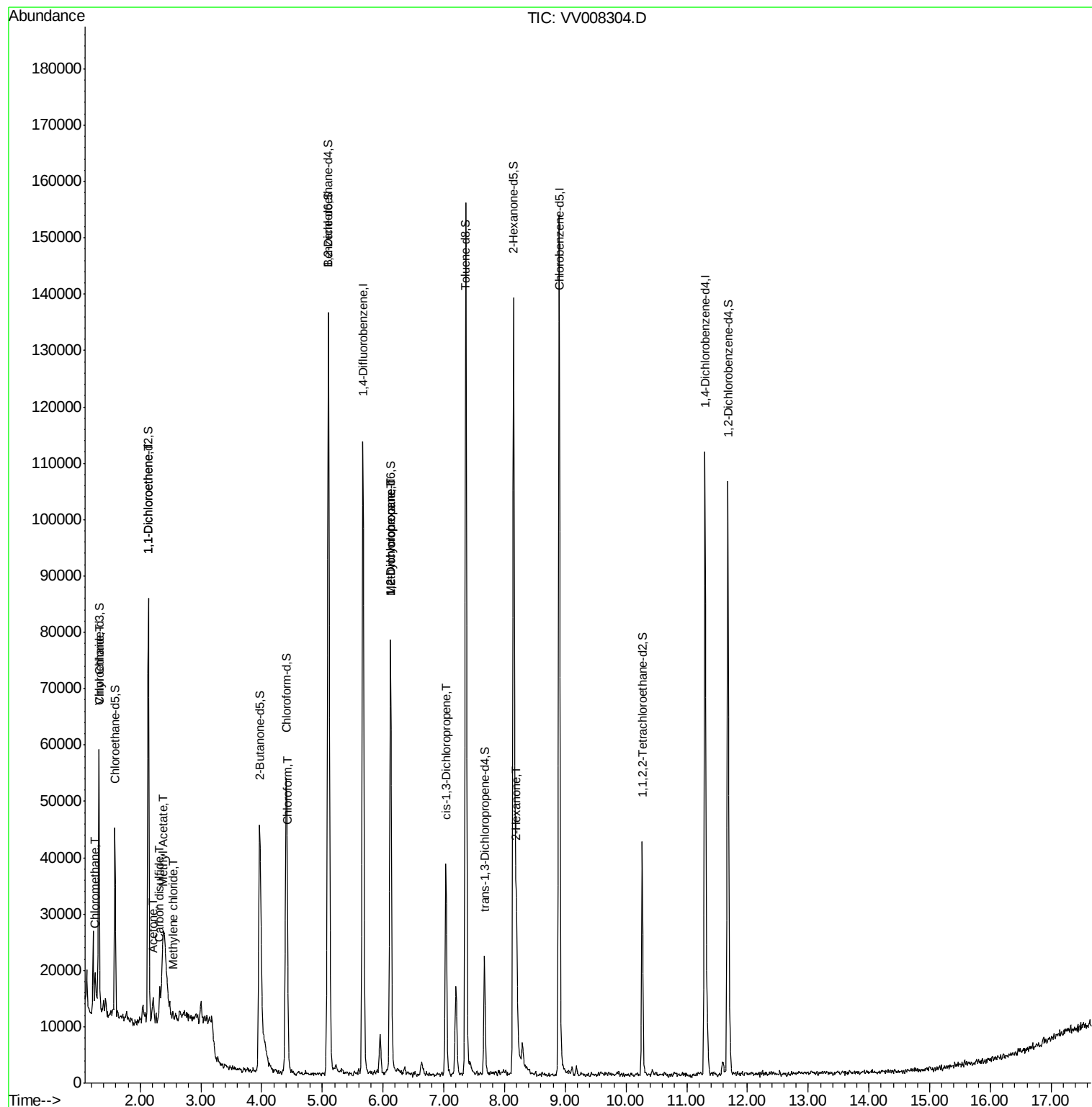
					Ovalue
3) Chloromethane	1.25	50	2963	0.394 ug/L	98
8) Chloroethane	1.32	64	564	0.152 ug/L #	1
12) 1,1-Dichloroethene	2.14	96	636	0.138 ug/L #	1
13) Acetone	2.22	43	5547	5.651 ug/L	92
14) Carbon disulfide	2.32	76	6229	0.394 ug/L #	94
15) Methyl Acetate	2.39	43	7337	3.005 ug/L #	50
16) Methylene chloride	2.55	84	874	0.164 ug/L #	34
25) Chloroform	4.43	83	1081	0.086 ug/L	98
35) Methylcyclohexane	6.13	83	8604	0.663 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3749	0.500 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	875	0.082 ug/L #	26
48) 2-Hexanone	8.20	43	18078	5.391 ug/L #	84

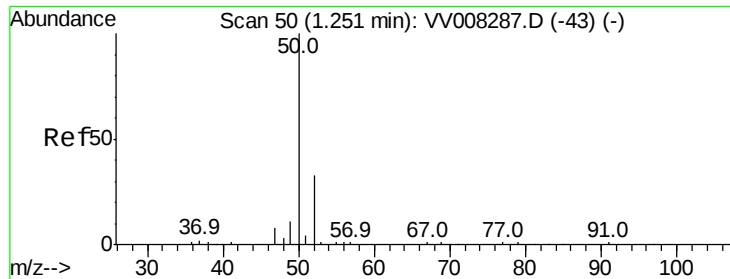
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 17 02:28:08 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.394 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008304.D

Acq: 16 Oct 2018 18:16

Instrument :

MSVOA_V

ClientSampleId :

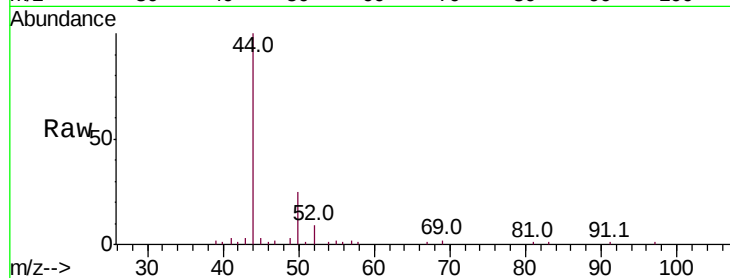
C0AK9

Tot Ion: 50 Resp: 2963

Ion Ratio Lower Upper

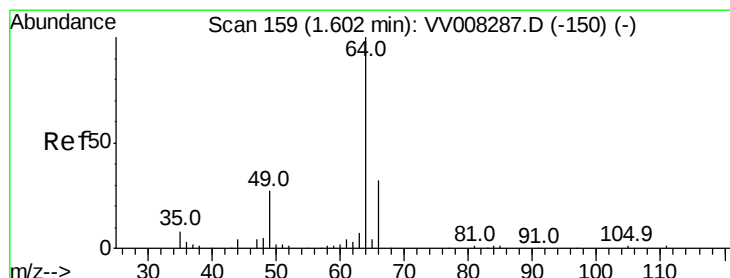
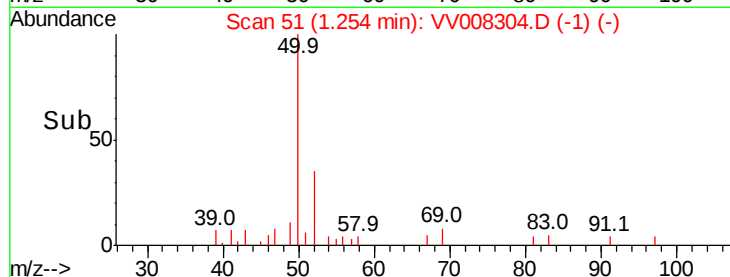
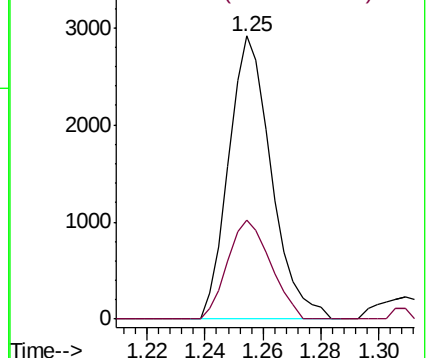
50 100

52 34.9 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.152 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008304.D

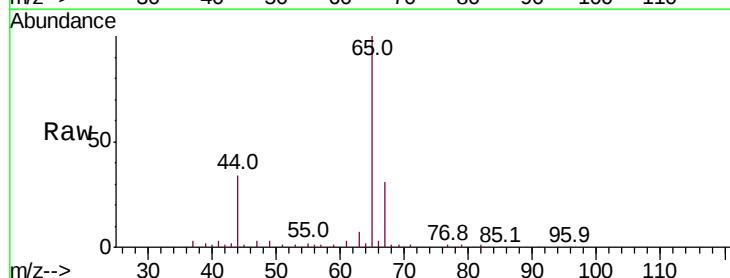
Acq: 16 Oct 2018 18:16

Tgt Ion: 64 Resp: 564

Ion Ratio Lower Upper

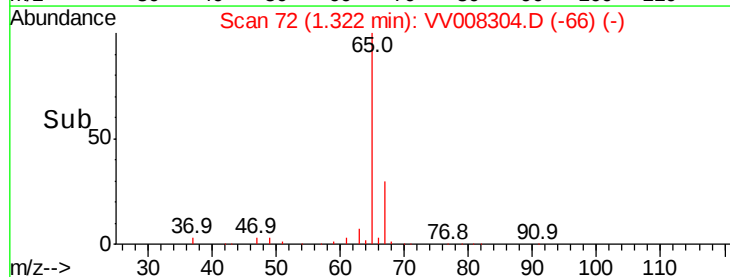
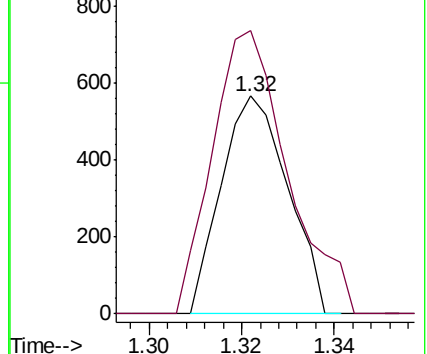
64 100

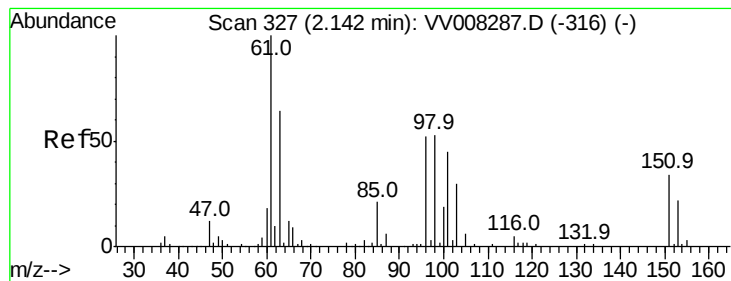
66 130.0 22.5 41.9#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#12

1,1-Dichloroethene

Concen: 0.138 ug/L

RT: 2.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VV008304.D

Acq: 16 Oct 2018 18:16

Instrument :

MSVOA_V

ClientSampled :

C0AK9

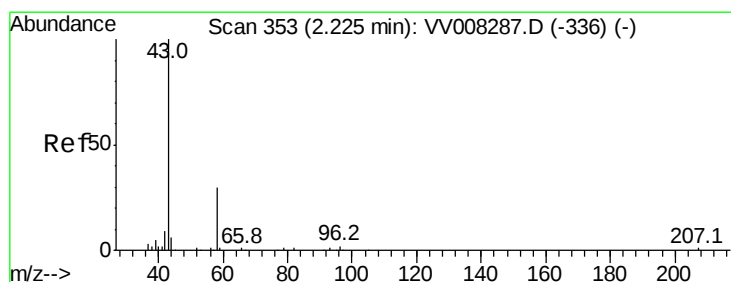
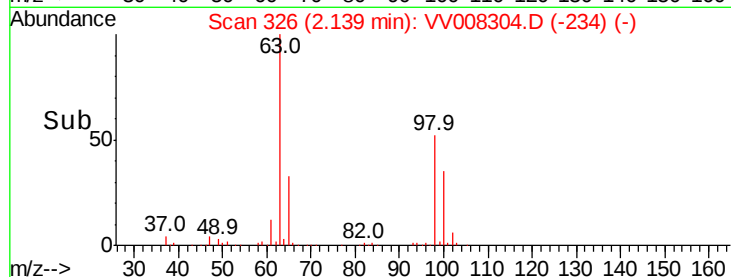
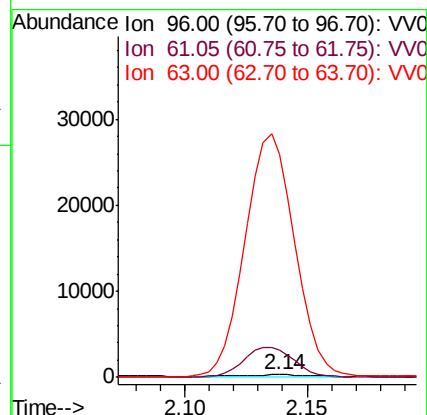
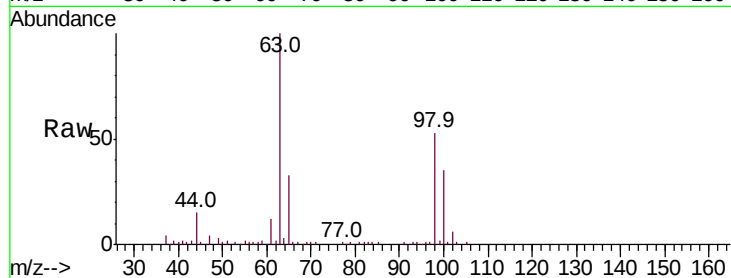
Tot Ion: 96 Resp: 636

Ion Ratio Lower Upper

96 100

61 968.3 129.9 241.3#

63 7960.6 103.0 191.4#



#13

Acetone

Concen: 5.651 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VV008304.D

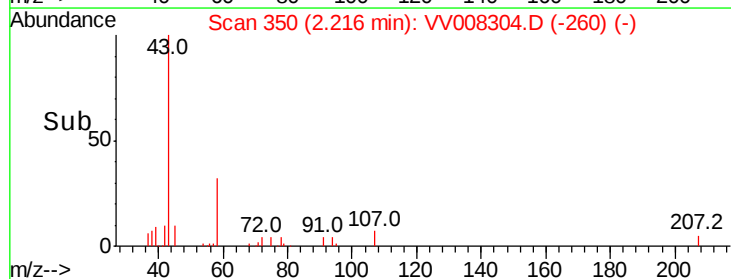
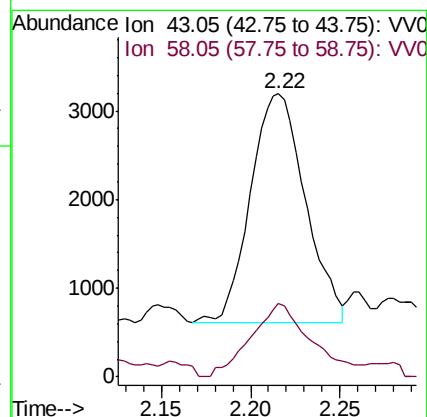
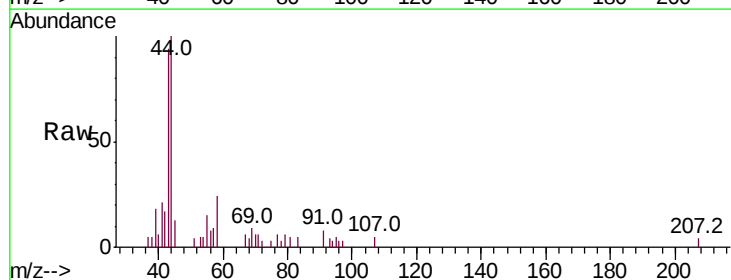
Acq: 16 Oct 2018 18:16

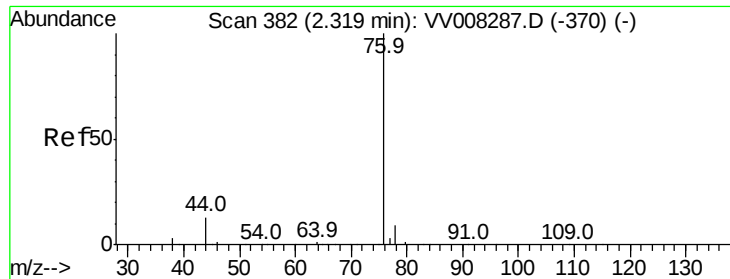
Tgt Ion: 43 Resp: 5547

Ion Ratio Lower Upper

43 100

58 35.2 0.0 62.0





#14

Carbon disulfide

Concen: 0.394 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008304.D

Acq: 16 Oct 2018 18:16

Instrument :

MSVOA_V

ClientSampleId :

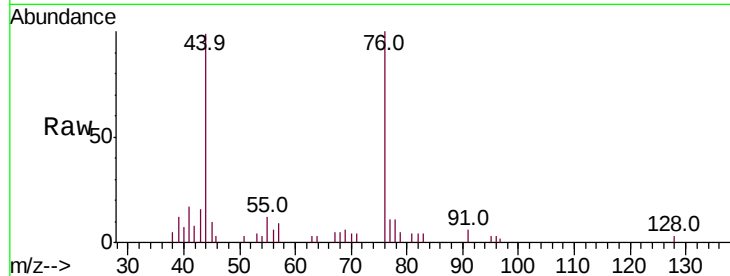
C0AK9

Tot Ion: 76 Resp: 6229

Ion Ratio Lower Upper

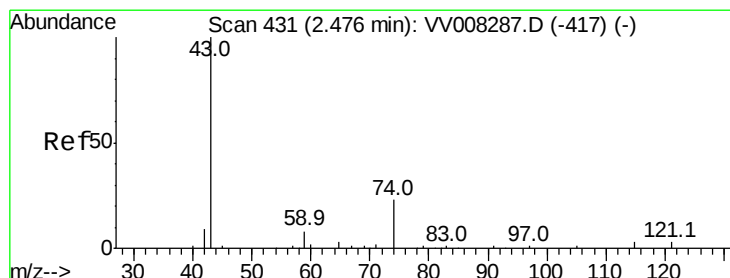
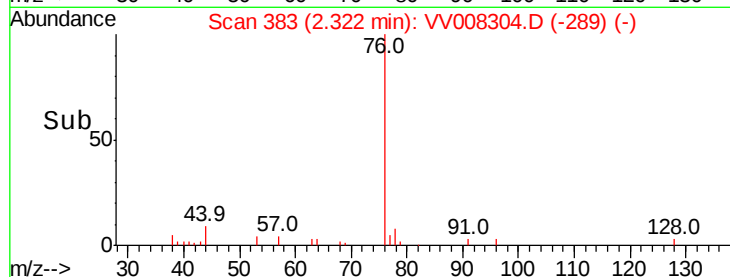
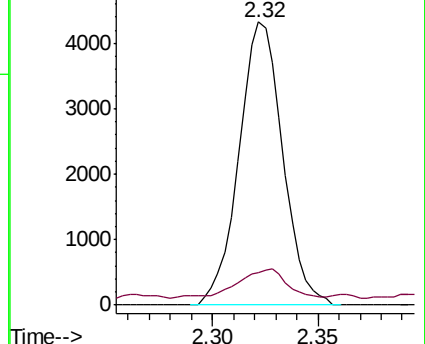
76 100

78 11.5 7.4 11.2#



Abundance Ion 76.05 (75.75 to 76.75): VV008287.D (-370) (-)

Ion 78.00 (77.70 to 78.70): VV008287.D (-370) (-)



#15

Methyl Acetate

Concen: 3.005 ug/L

RT: 2.39 min Scan# 403

Delta R.T. -0.09 min

Lab File: VV008304.D

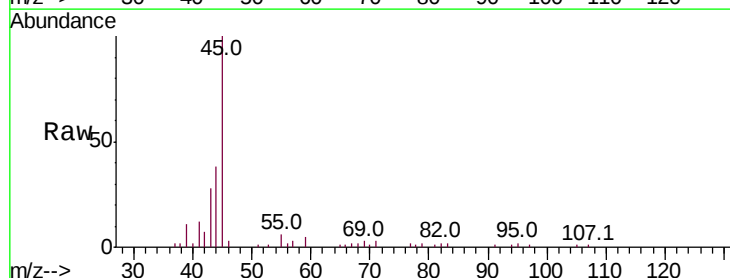
Acq: 16 Oct 2018 18:16

Tgt Ion: 43 Resp: 7337

Ion Ratio Lower Upper

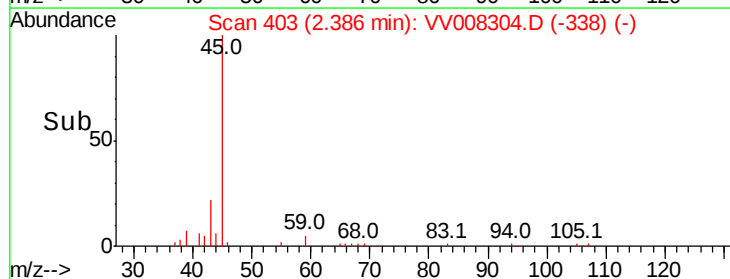
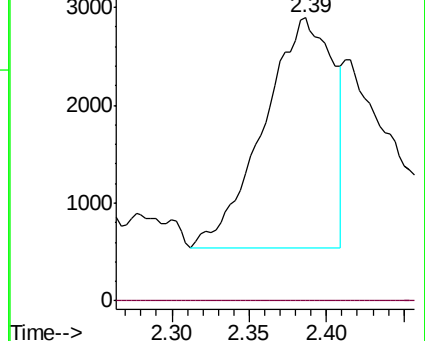
43 100

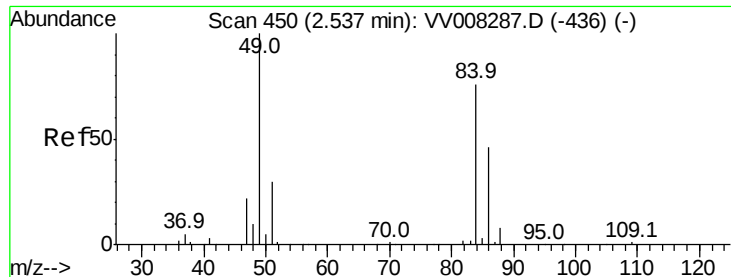
74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008287.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV008287.D (-417) (-)

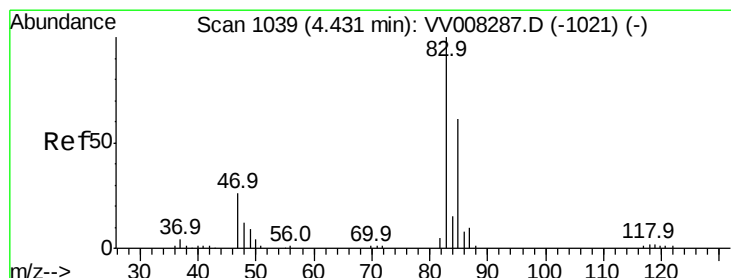
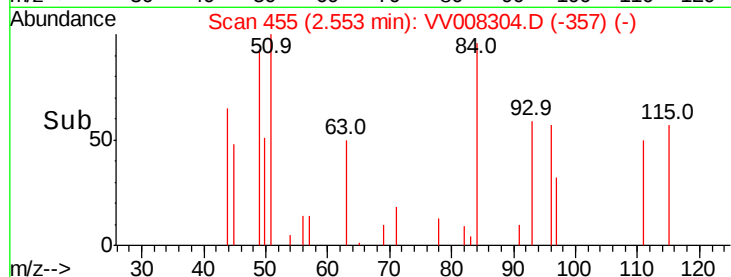
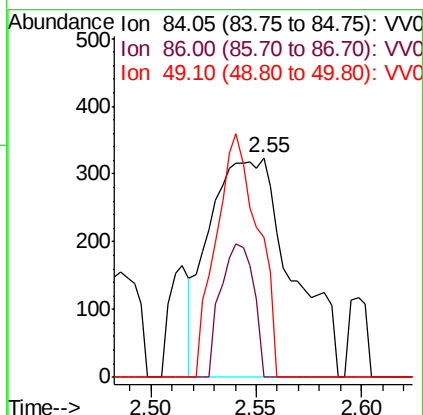
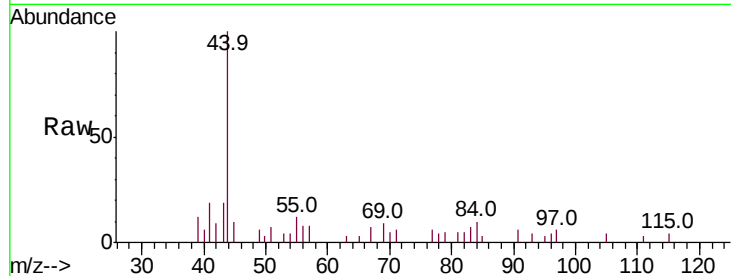




#16
Methvlene chloride
Concen: 0.164 ug/L
RT: 2.55 min Scan# 455
Delta R.T. 0.02 min
Lab File: VV008304.D
Acq: 16 Oct 2018 18:16

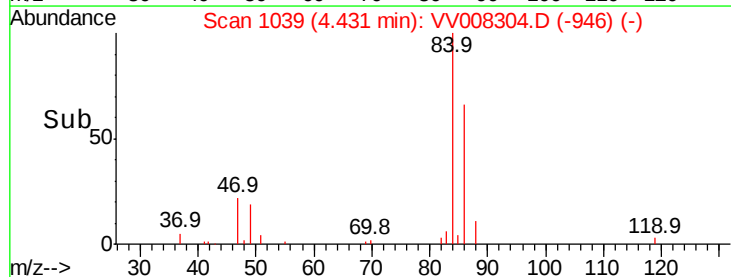
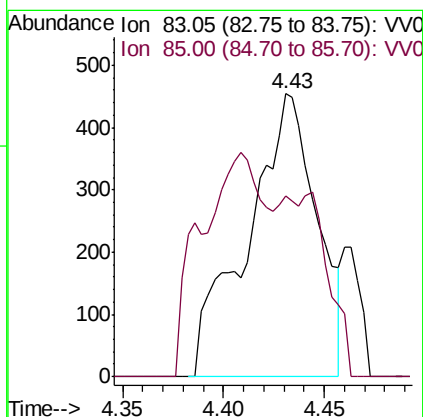
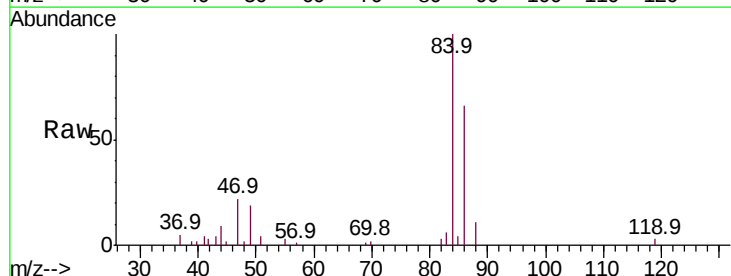
Instrument :
MSVOA_V
ClientSampled :
C0AK9

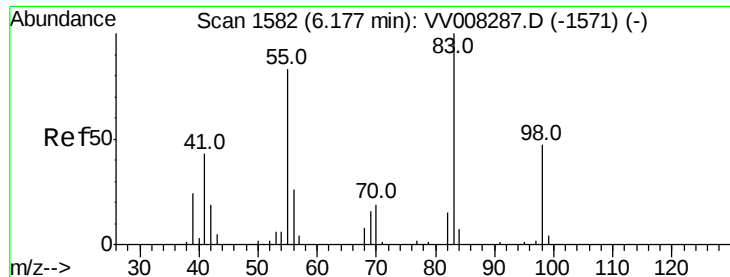
Tot Ion: 84 Resp: 874
Ion Ratio Lower Upper
84 100
86 0.0 45.0 83.6#
49 63.6 92.9 172.5#



#25
Chloroform
Concen: 0.086 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008304.D
Acq: 16 Oct 2018 18:16

Tgt Ion: 83 Resp: 1081
Ion Ratio Lower Upper
83 100
85 63.9 43.4 80.6

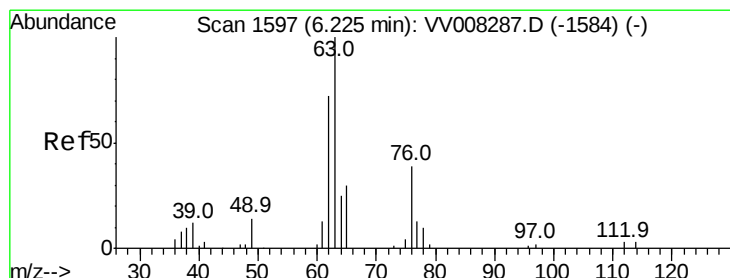
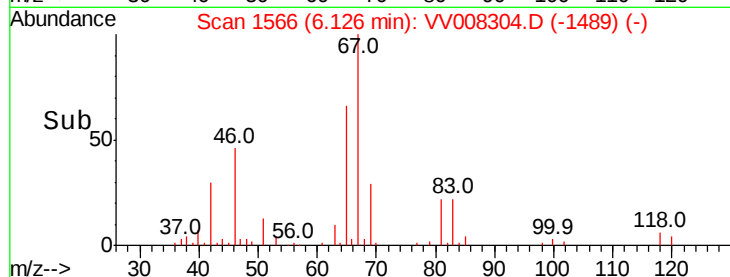
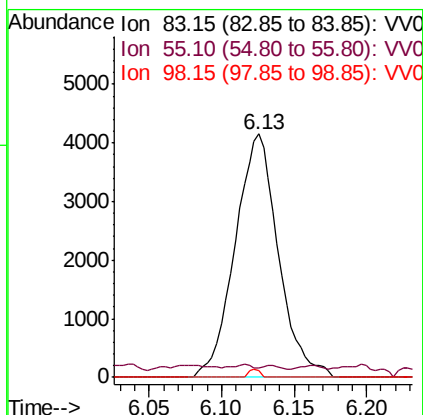
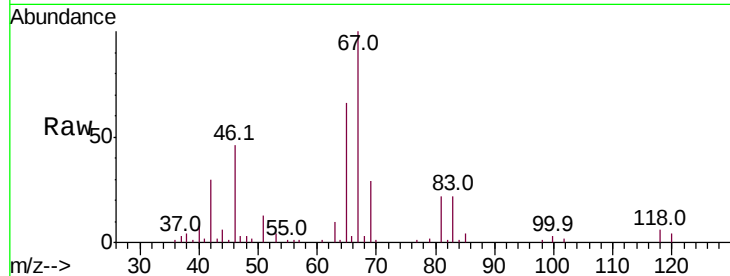




#35
Methvlcvclohexane
Concen: 0.663 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008304.D
Acq: 16 Oct 2018 18:16

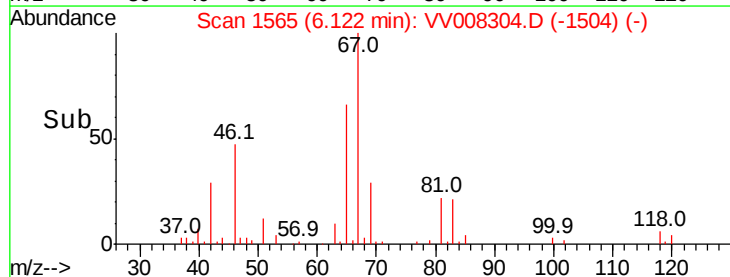
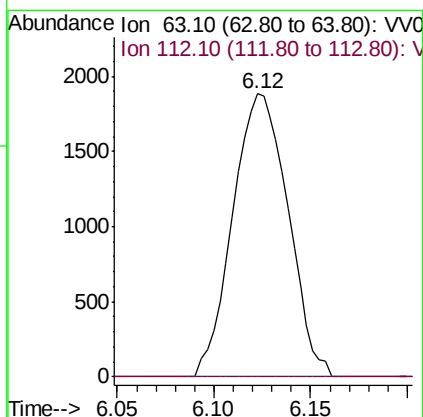
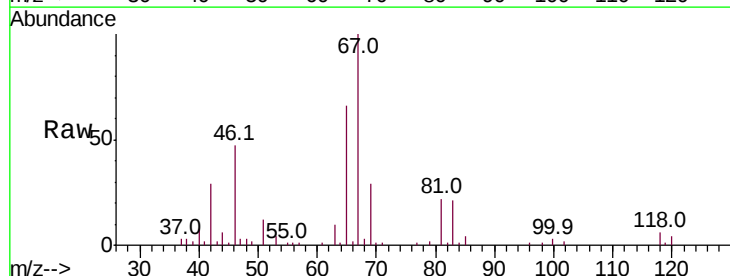
Instrument :
MSVOA_V
ClientSampled :
C0AK9

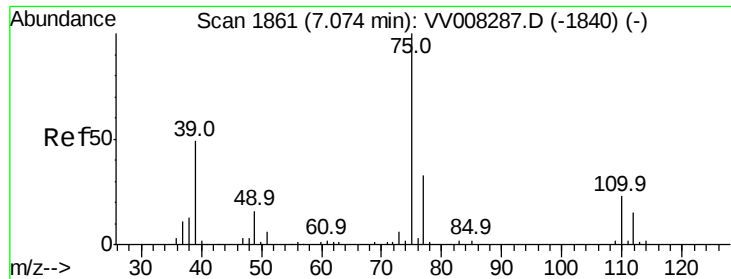
Tot Ion: 83 Resp: 8604
Ion Ratio Lower Upper
83 100
55 0.7 64.0 96.0#
98 0.8 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008304.D
Acq: 16 Oct 2018 18:16

Tgt Ion: 63 Resp: 3749
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008304.D

Acq: 16 Oct 2018 18:16

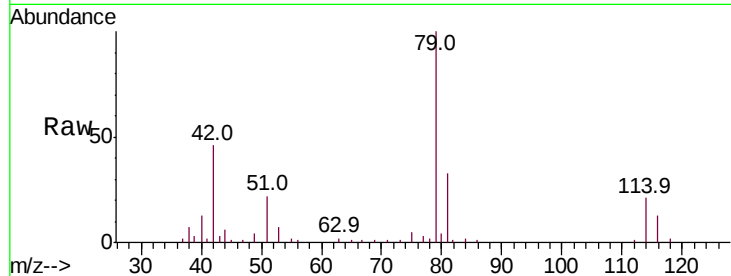
Instrument :
MSVOA_V
ClientSampleId :
C0AK9

Tot Ion: 75 Resp: 875

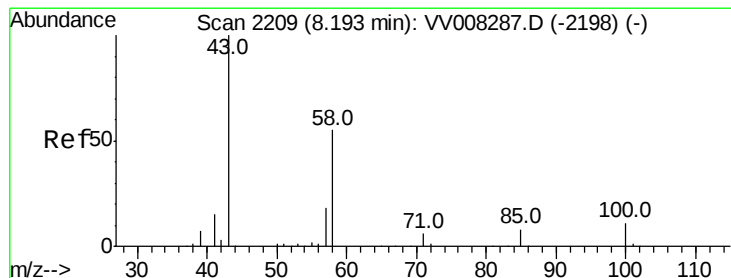
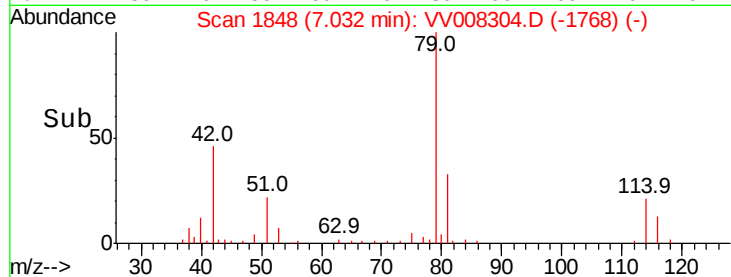
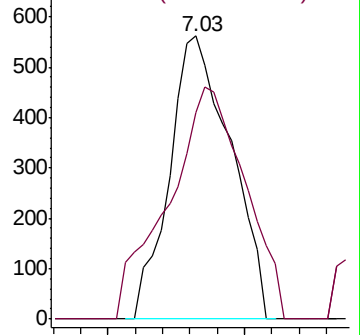
Ion Ratio Lower Upper

75 100

77 73.1 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008287.D (-1840) (-)



#48

2-Hexanone

Concen: 5.391 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VV008304.D

Acq: 16 Oct 2018 18:16

Tgt Ion: 43 Resp: 18078

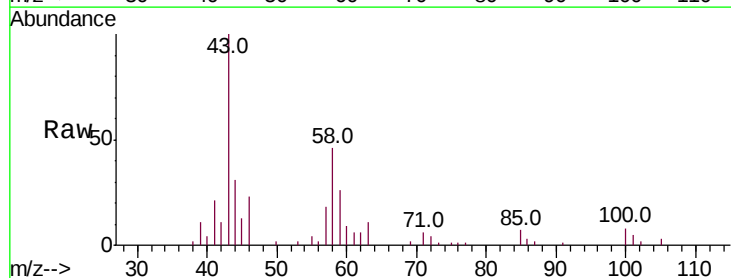
Ion Ratio Lower Upper

43 100

58 41.5 45.0 67.4#

57 14.9 14.4 21.6

100 6.7 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VV008287.D (-2198) (-)

