

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007087.D
 Acq On : 20 Aug 2018 22:13
 Operator : SY/MD
 Sample : J4488-21
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0323

Quant Time: Aug 21 05:27:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	241251	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	230550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87998	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76753	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.58	69	71024	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.14	63	400419	13.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	274.00%#
20) 2-Butanone-d5	3.97	46	231629	51.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.44%
24) Chloroform-d	4.40	84	172133	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	5.09	65	89364	5.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.00%
32) Benzene-d6	5.10	84	338986	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
36) 1,2-Dichloropropane-d6	6.12	67	109396	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.37	98	232895	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.67	79	22639	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	8.15	63	87337	30.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81764	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	83873	5.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.60%

Target Compounds

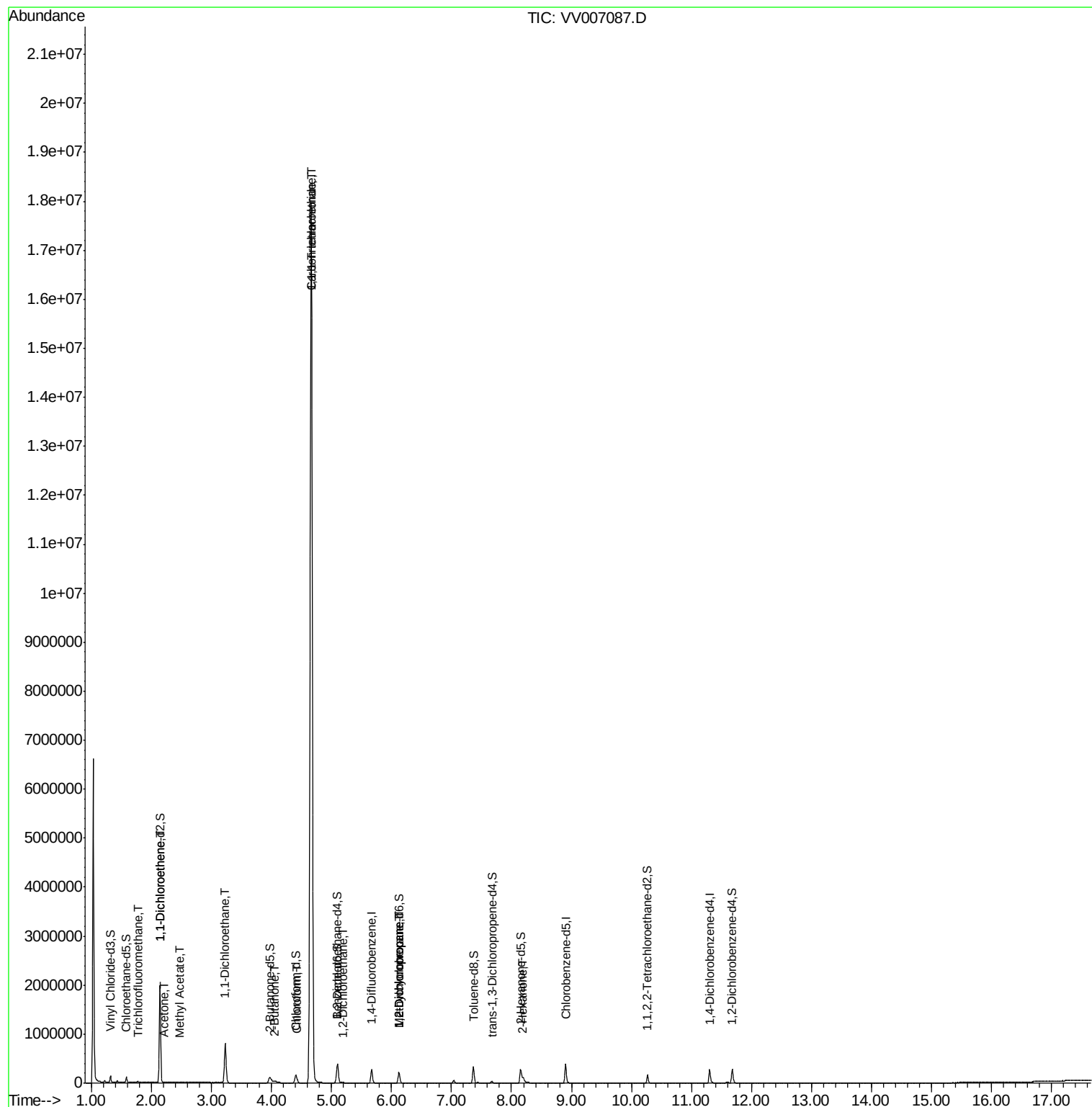
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.77	101	10537	0.354	ug/L	98
12) 1,1-Dichloroethene	2.14	96	598289	34.535	ug/L #	70
13) Acetone	2.21	43	12245	5.310	ug/L	94
15) Methyl Acetate	2.47	43	2825	0.435	ug/L	96
19) 1,1-Dichloroethane	3.23	63	829611	24.772	ug/L	98
21) 2-Butanone	4.05	43	2564	0.512	ug/L	94
25) Chloroform	4.43	83	12538	0.342	ug/L	97
27) 1,2-Dichloroethane	5.19	62	10928	0.478	ug/L #	85
29) 1,1,1-Trichloroethane	4.66	97	14322928	465.915	ug/L	98
31) Carbon tetrachloride	4.66	117	2028246	78.673	ug/L	99
35) Methylcyclohexane	6.12	83	25476	0.829	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10962	0.501	ug/L #	88
48) 2-Hexanone	8.20	43	46067	5.531	ug/L	96

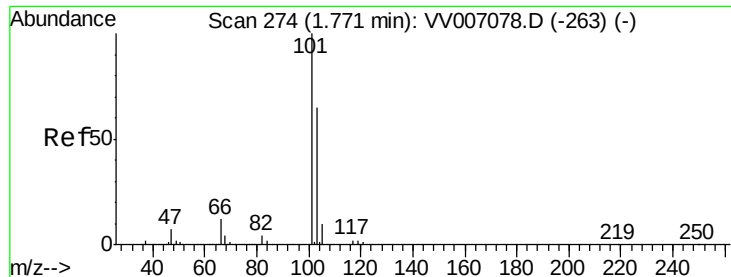
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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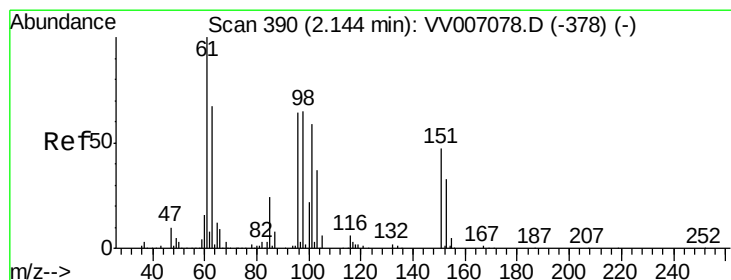
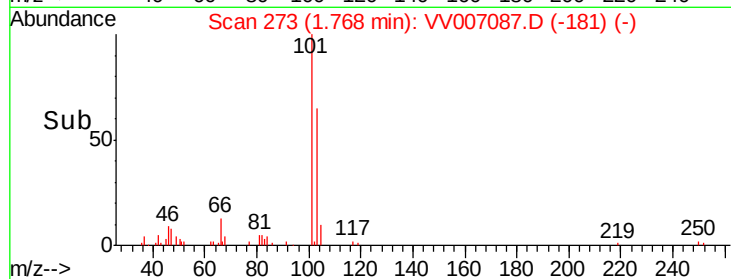
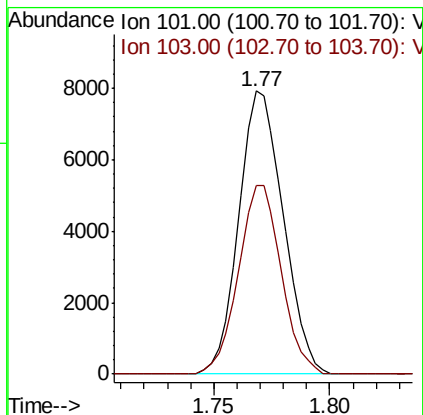
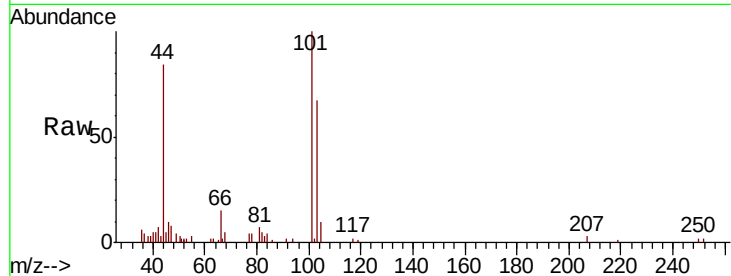


#9

Trichlorofluoromethane
Concen: 0.354 ug/L
RT: 1.77 min Scan# 273
Delta R.T. -0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Instrument :
MSVOA_V
ClientSampleId :
C0323

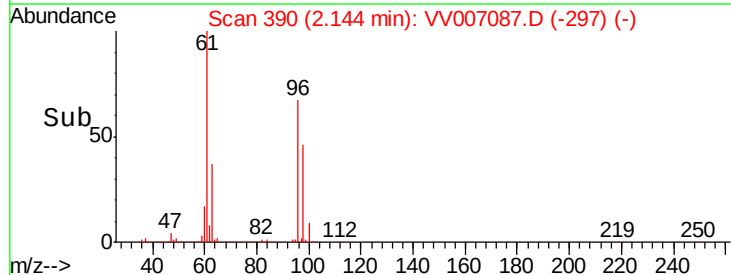
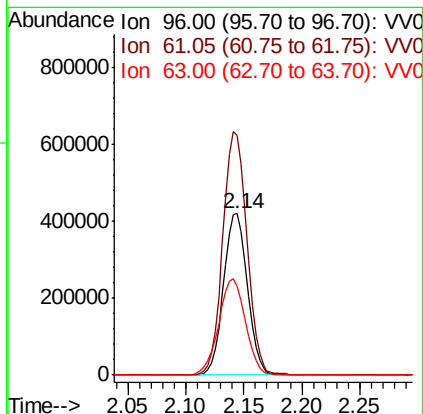
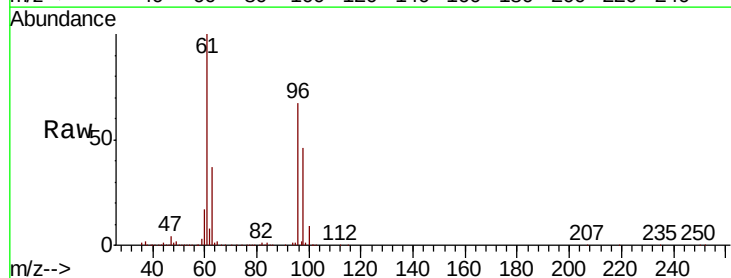
Tot Ion:101 Resp: 10537
Ion Ratio Lower Upper
101 100
103 64.3 52.7 79.1

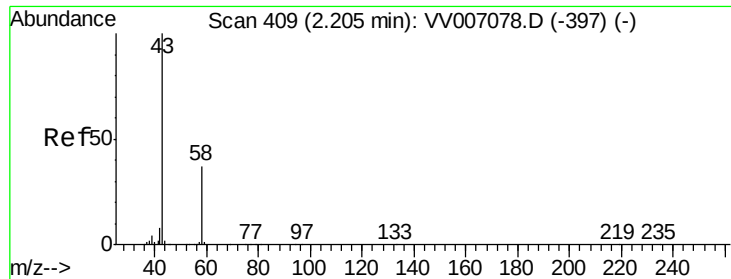


#12

1,1-Dichloroethene
Concen: 34.535 ug/L
RT: 2.14 min Scan# 390
Delta R.T. 0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Tgt Ion: 96 Resp: 598289
Ion Ratio Lower Upper
96 100
61 148.6 111.6 207.4
63 55.2 84.9 157.7#





#13

Acetone

Concen: 5.310 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV007087.D

Acq: 20 Aug 2018 22:13

Instrument :

MSVOA_V

ClientSampleId :

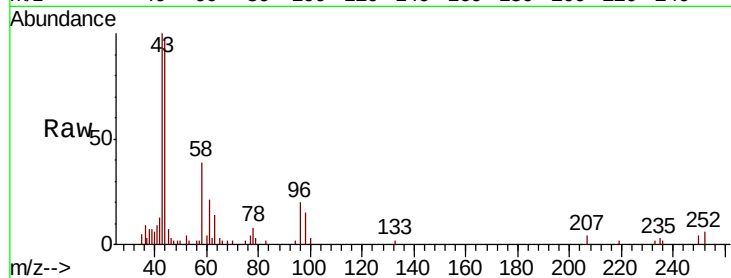
C0323

Tot Ion: 43 Resp: 12245

Ion Ratio Lower Upper

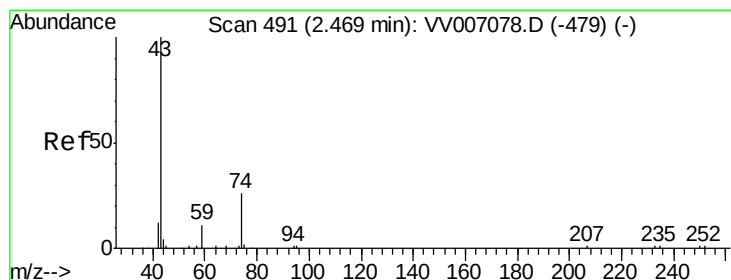
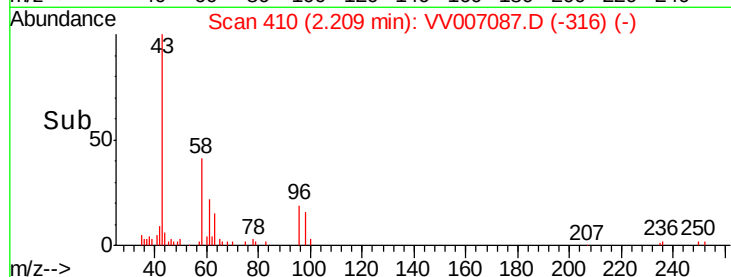
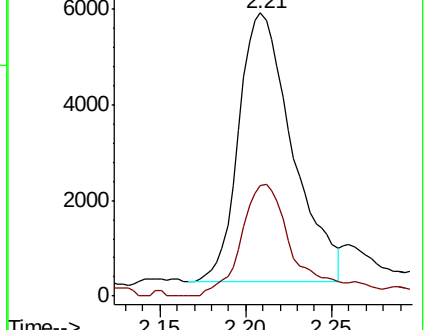
43 100

58 39.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007078.D (-397) (-)



#15

Methyl Acetate

Concen: 0.435 ug/L

RT: 2.47 min Scan# 491

Delta R.T. -0.00 min

Lab File: VV007087.D

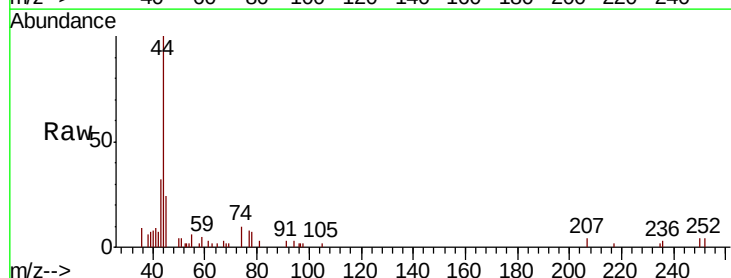
Acq: 20 Aug 2018 22:13

Tgt Ion: 43 Resp: 2825

Ion Ratio Lower Upper

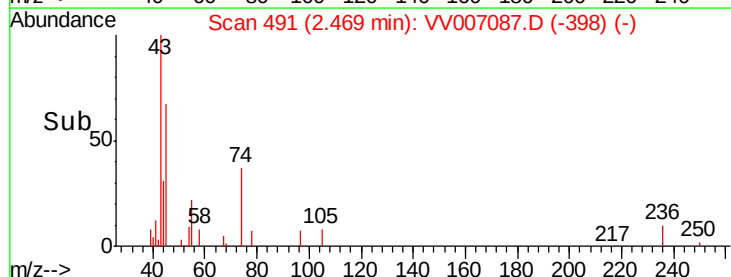
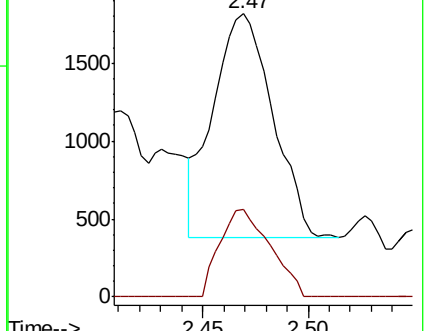
43 100

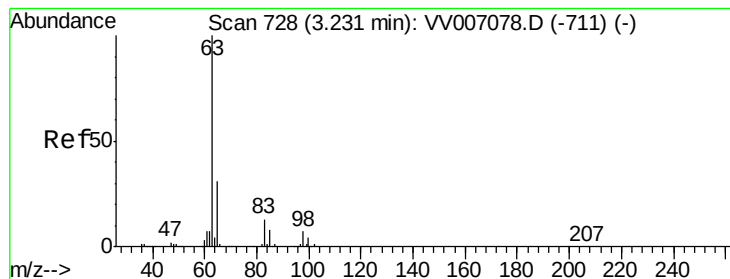
74 33.1 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-479) (-)

Ion 74.05 (73.75 to 74.75): VV007078.D (-479) (-)





#19

1,1-Dichloroethane

Concen: 24.772 ug/L

RT: 3.23 min Scan# 728

Delta R.T. -0.00 min

Lab File: VV007087.D

Acq: 20 Aug 2018 22:13

Instrument :

MSVOA_V

ClientSampled :

C0323

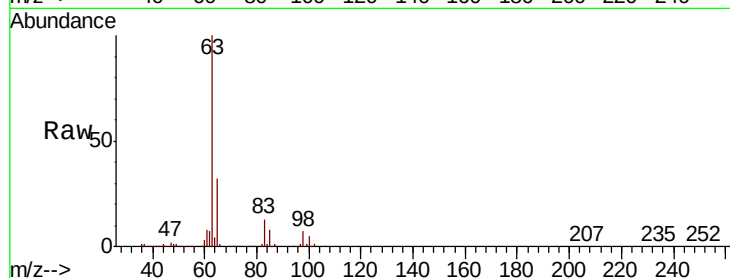
Tot Ion: 63 Resp: 829611

Ion Ratio Lower Upper

63 100

65 31.8 21.7 40.3

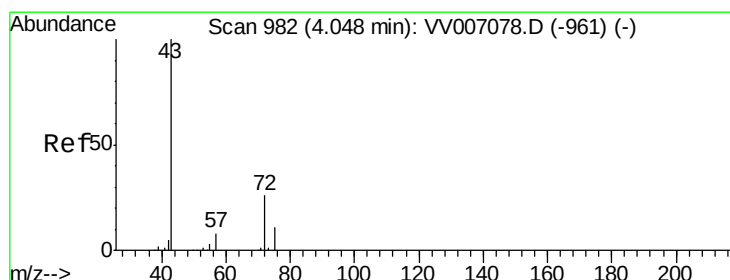
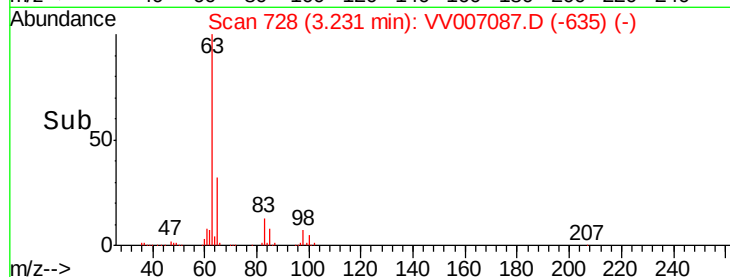
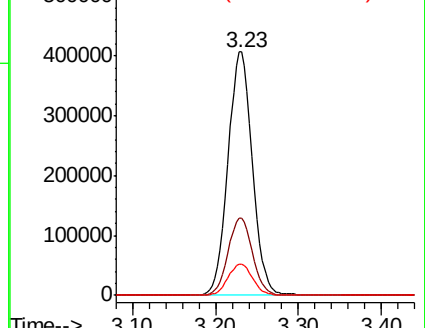
83 13.1 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV007078.D (-711) (-)

Ion 65.10 (64.80 to 65.80): VV007078.D (-711) (-)

Ion 83.05 (82.75 to 83.75): VV007078.D (-711) (-)



#21

2-Butanone

Concen: 0.512 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.00 min

Lab File: VV007087.D

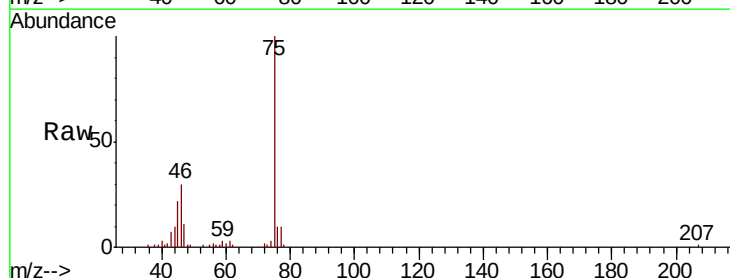
Acq: 20 Aug 2018 22:13

Tgt Ion: 43 Resp: 2564

Ion Ratio Lower Upper

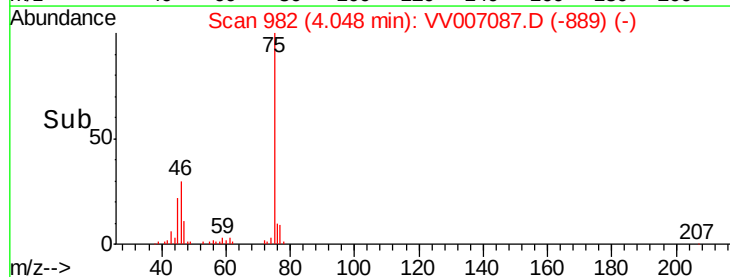
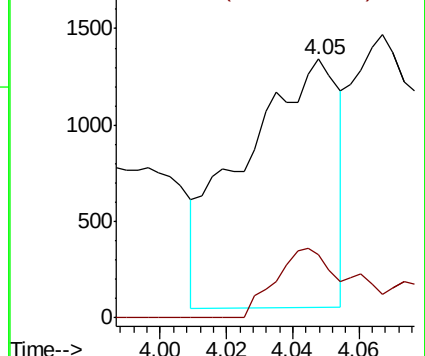
43 100

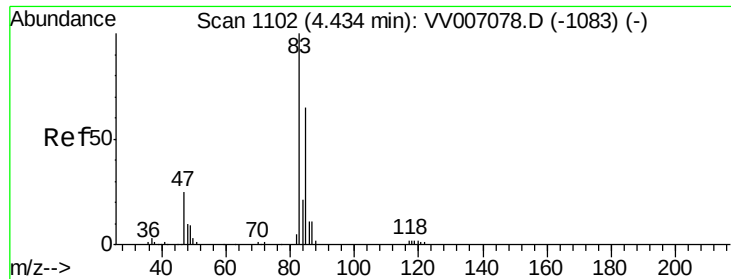
72 22.0 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VV007078.D (-961) (-)

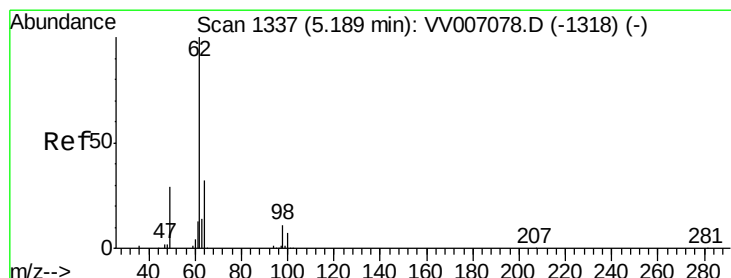
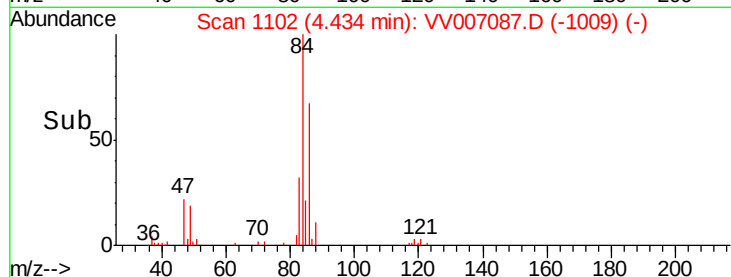
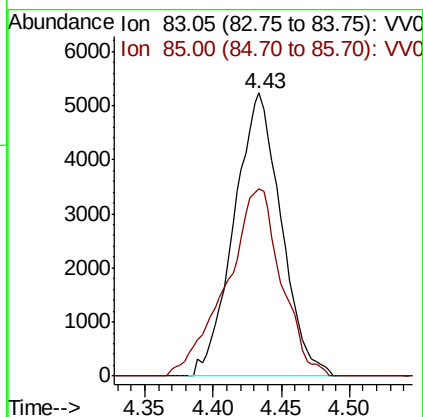
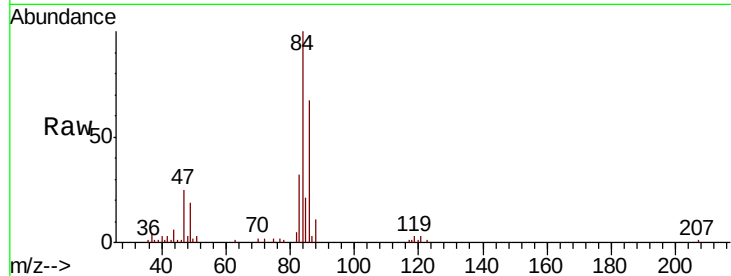




#25
Chloroform
Concen: 0.342 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

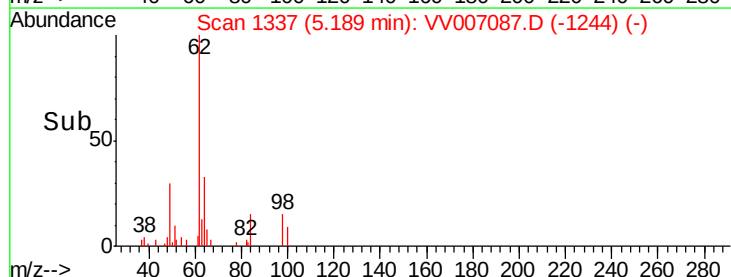
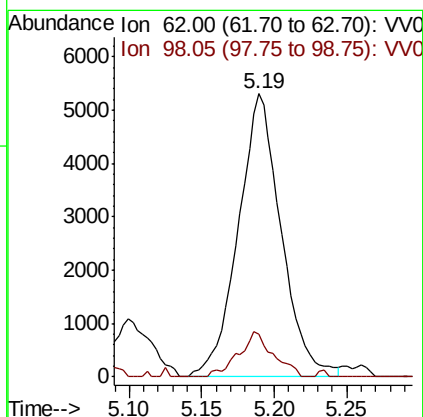
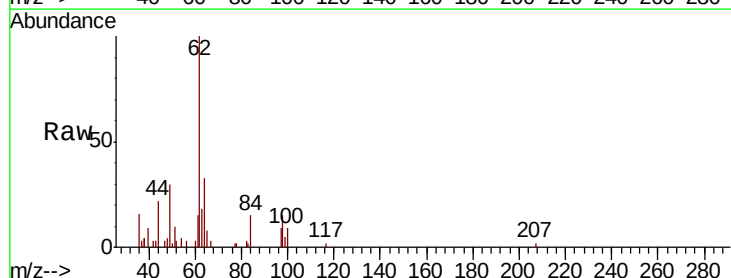
Instrument :
MSVOA_V
ClientSampleId :
C0323

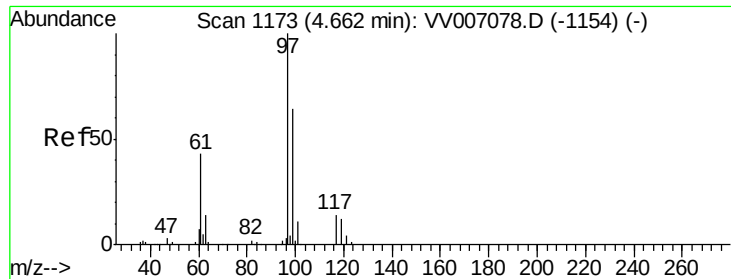
Tot Ion: 83 Resp: 12538
Ion Ratio Lower Upper
83 100
85 66.2 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.478 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Tgt Ion: 62 Resp: 10928
Ion Ratio Lower Upper
62 100
98 14.9 7.6 11.4#



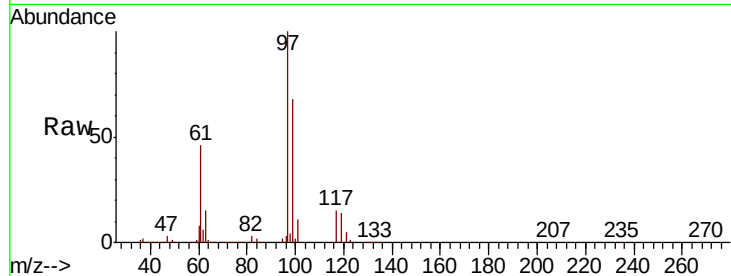


#29
 1,1,1-Trichloroethane
 Concen: 465.915 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007087.D
 Acq: 20 Aug 2018 22:13

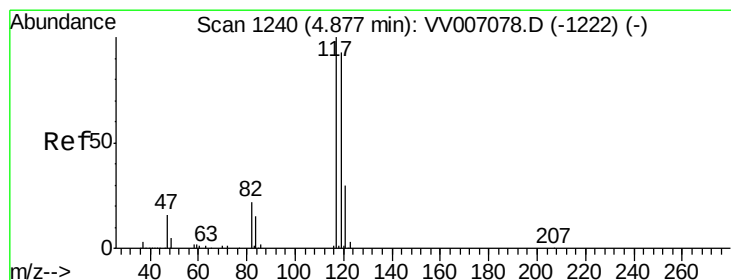
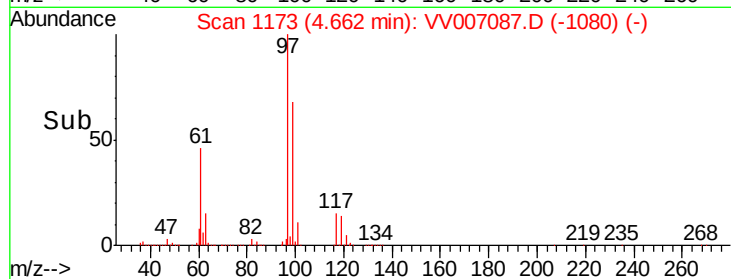
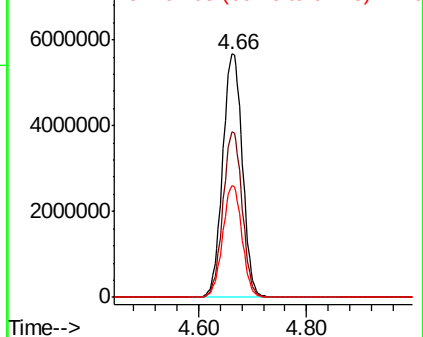
Instrument :
 MSVOA_V
 ClientSampleId :
 C0323

Tot Ion: 97 Resp:14322928

Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.0	76.6
61	44.9	36.6	54.8



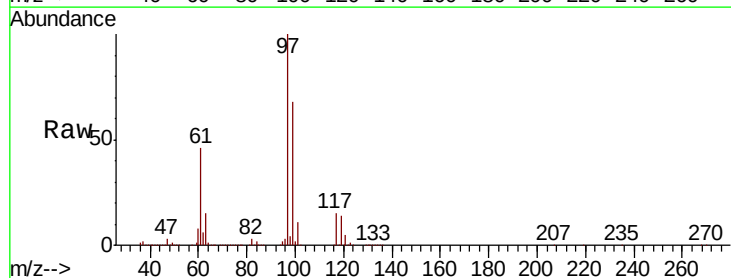
Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0



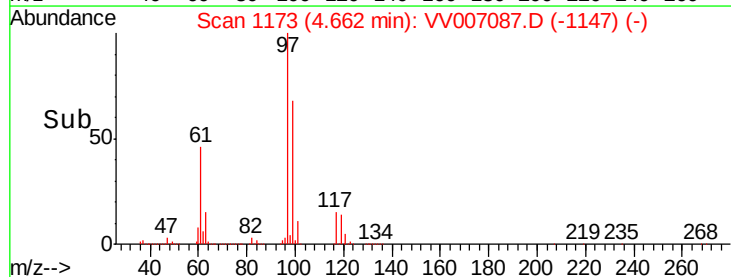
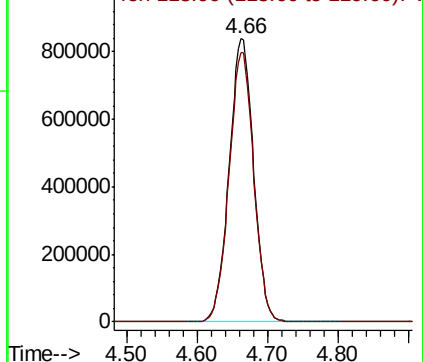
#31
 Carbon tetrachloride
 Concen: 78.673 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.22 min
 Lab File: VV007087.D
 Acq: 20 Aug 2018 22:13

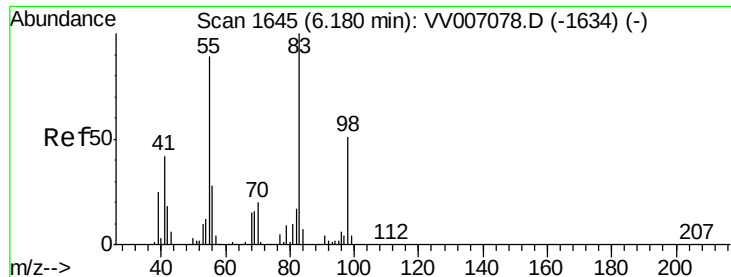
Tgt Ion:117 Resp: 2028246

Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.2	114.4



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V

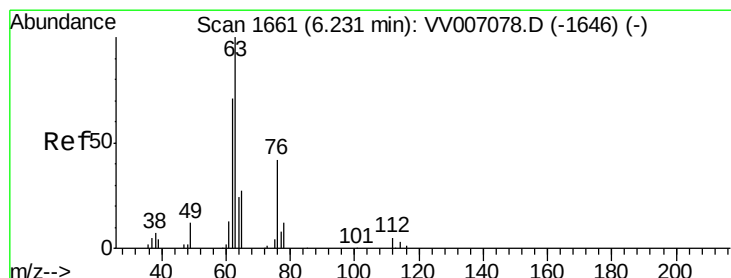
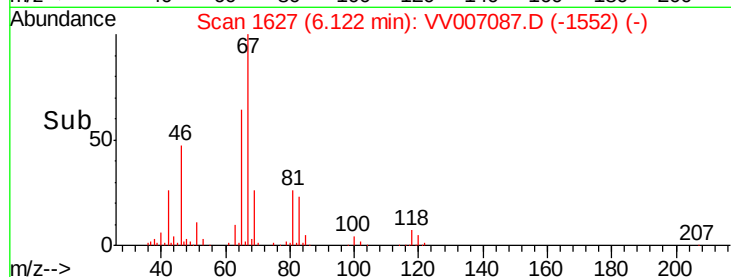
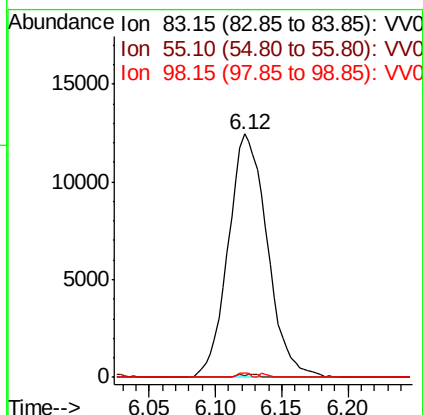
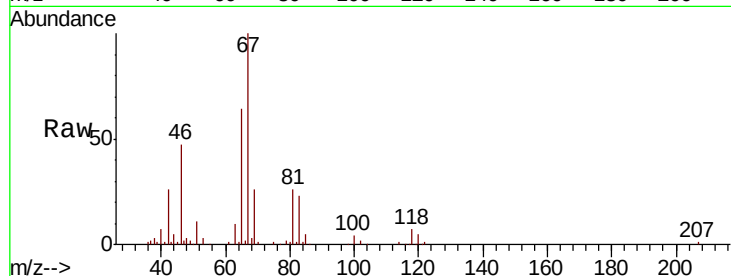




#35
Methylvlcyclohexane
Concen: 0.829 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

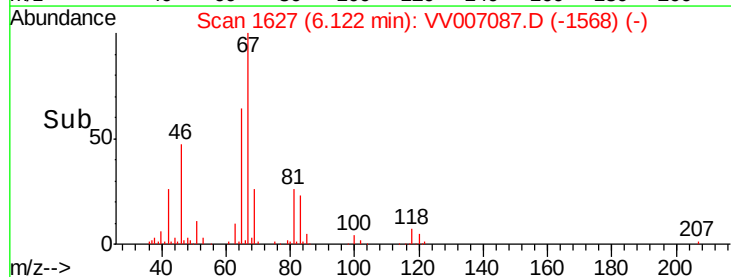
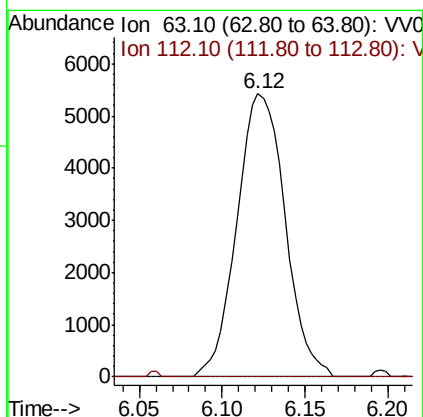
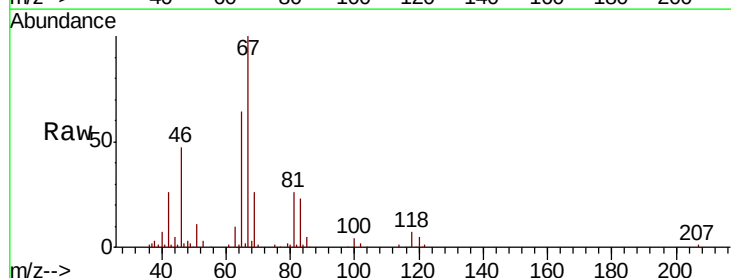
Instrument :
MSVOA_V
ClientSampleId :
C0323

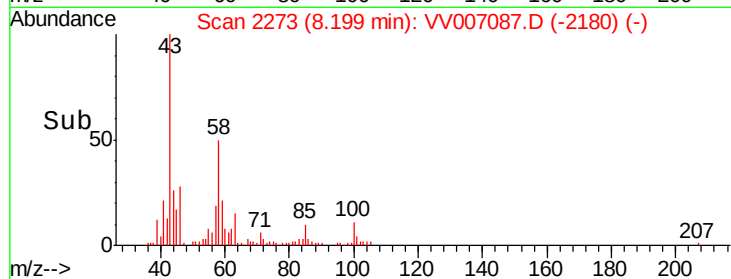
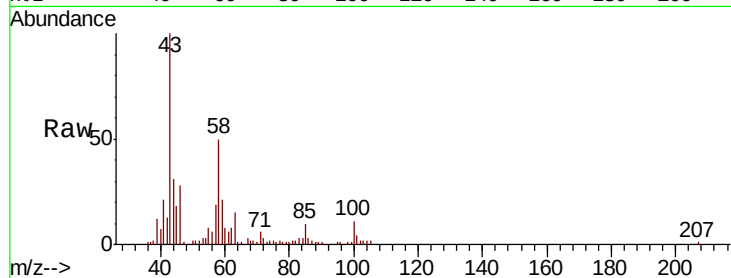
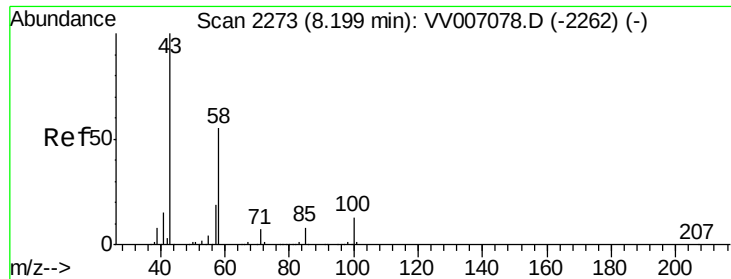
Tot Ion: 83 Resp: 25476
Ion Ratio Lower Upper
83 100
55 0.6 68.1 102.1#
98 0.6 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VV007087.D
Acq: 20 Aug 2018 22:13

Tgt Ion: 63 Resp: 10962
Ion Ratio Lower Upper
63 100
112 0.4 3.5 5.3#





#48

2-Hexanone

Concen: 5.531 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007087.D

Acq: 20 Aug 2018 22:13

Instrument :
MSVOA_V
ClientSampleId :
C0323

Tot Ion: 43 Resp: 46067

Ion Ratio Lower Upper

43 100

58 51.8 44.2 66.2

57 20.6 14.8 22.2

100 11.8 8.8 13.2

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

