

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007231.D
 Acq On : 28 Aug 2018 19:31
 Operator : SY/MD
 Sample : VV0828WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK66

Quant Time: Aug 29 04:02:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	219542	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218559	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75787	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	67937	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	104310	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	3.97	46	175986	45.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.46%
24) Chloroform-d	4.41	84	164451	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
26) 1,2-Dichloroethane-d4	5.09	65	83282	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.10	84	310719	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.12	67	104840	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.37	98	228408	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	7.67	79	32650	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.15	63	67281	35.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.28%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80754	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	88920	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

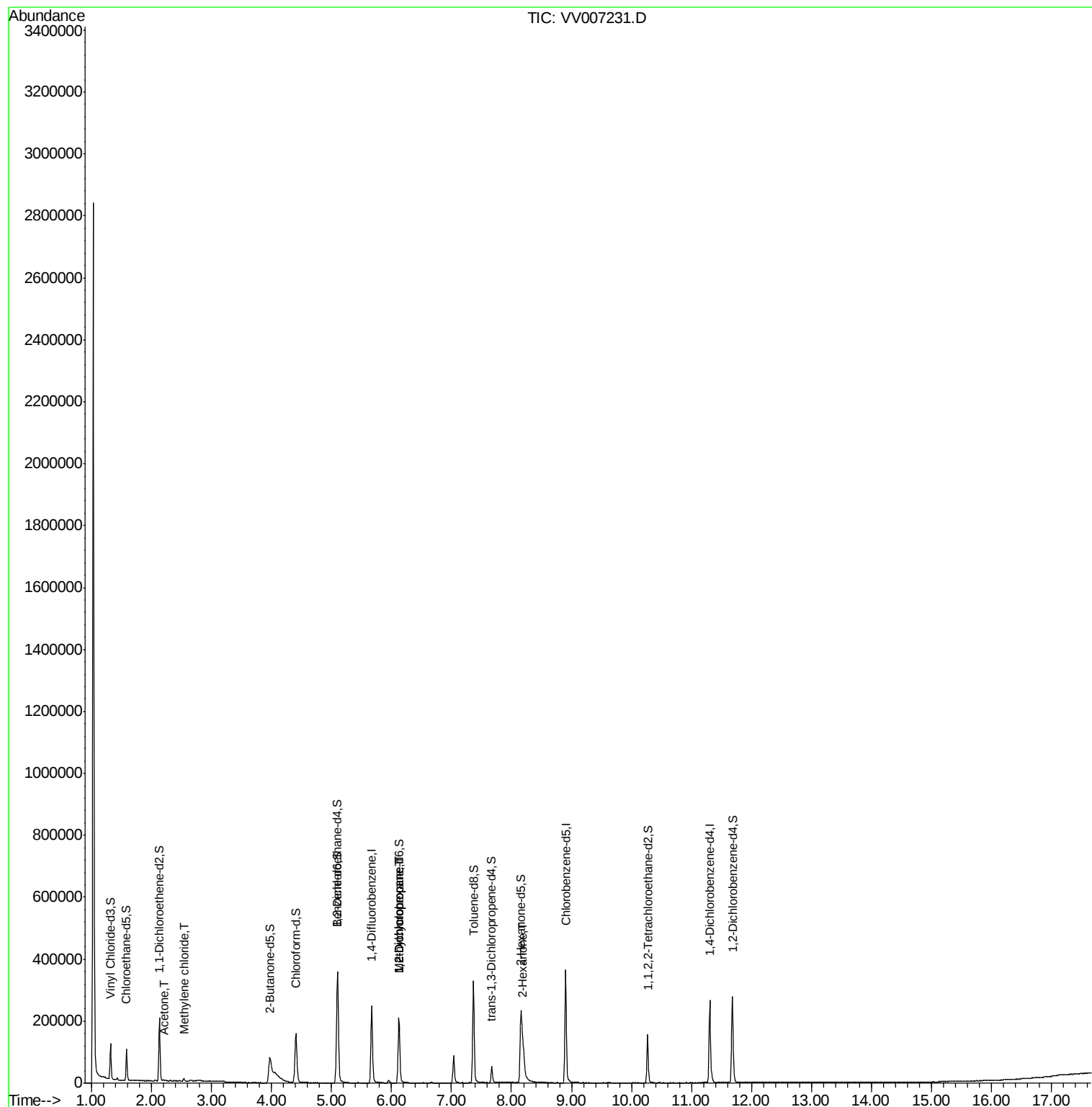
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	1656	0.849	ug/L	80
16) Methylene chloride	2.54	84	3393	0.211	ug/L	97
35) Methylcyclohexane	6.12	83	25215	1.056	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10747	0.625	ug/L #	85
48) 2-Hexanone	8.20	43	45742	6.810	ug/L #	84

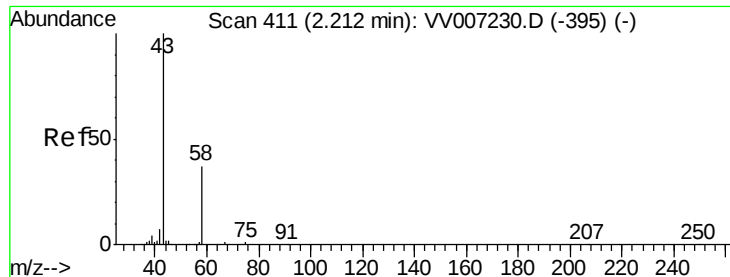
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.849 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.00 min

Lab File: VV007231.D

Acq: 28 Aug 2018 19:31

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MSVOA_V

ClientSampleId :

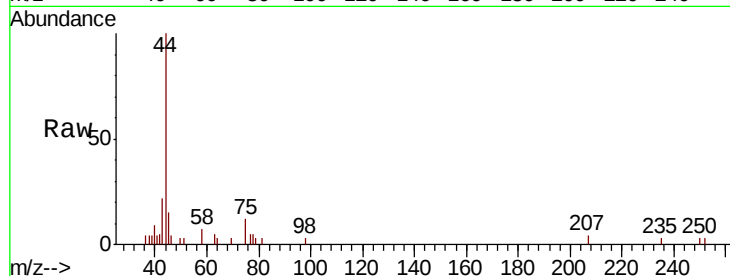
VBLK66

Tot Ion: 43 Resp: 1656

Ion Ratio Lower Upper

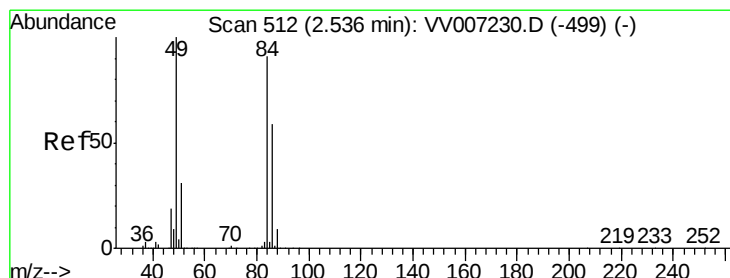
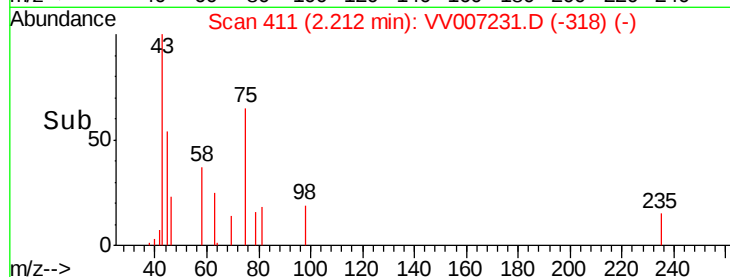
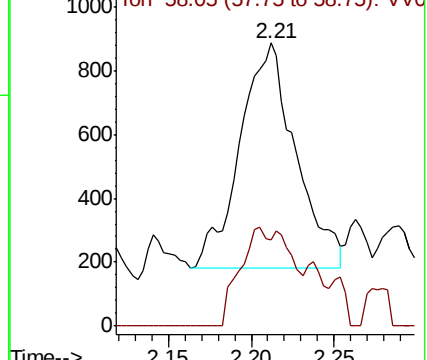
43 100

58 23.7 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV007231.D (-318) (-)

Ion 58.05 (57.75 to 58.75): VV007231.D (-318) (-)



#16

Methylene chloride

Concen: 0.211 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007231.D

Acq: 28 Aug 2018 19:31

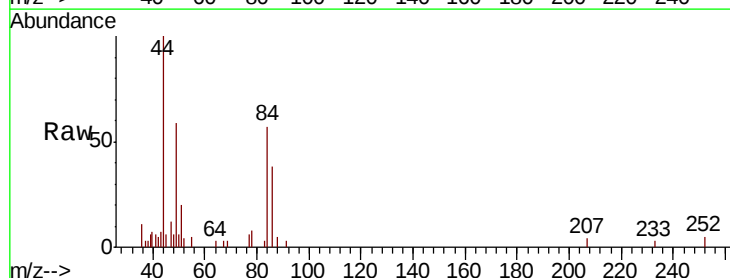
Tgt Ion: 84 Resp: 3393

Ion Ratio Lower Upper

84 100

86 67.5 46.3 85.9

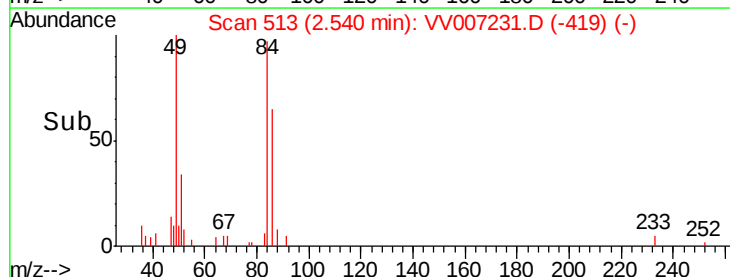
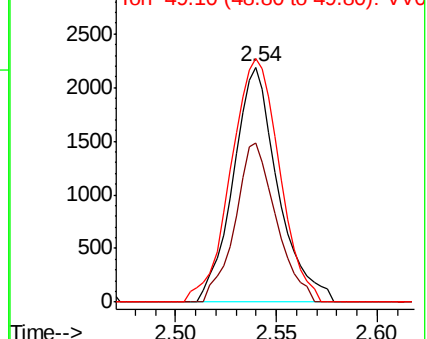
49 103.5 75.2 139.6

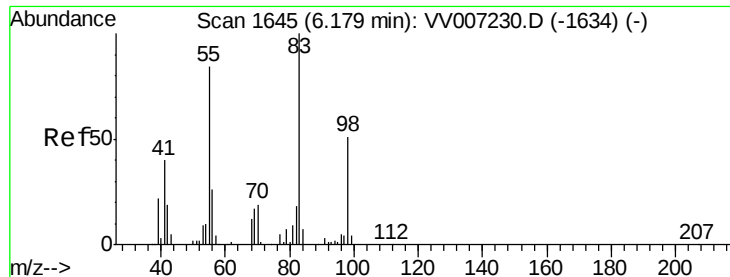


Abundance Ion 84.05 (83.75 to 84.75): VV007231.D (-419) (-)

Ion 86.00 (85.70 to 86.70): VV007231.D (-419) (-)

Ion 49.10 (48.80 to 49.80): VV007231.D (-419) (-)

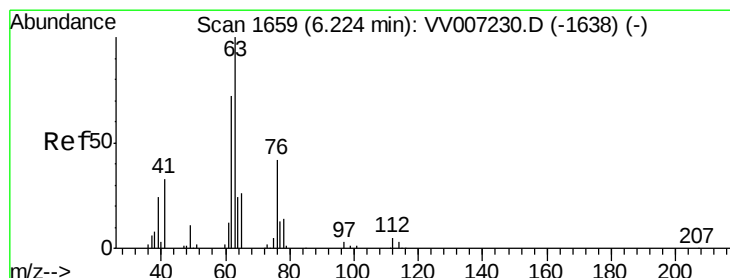
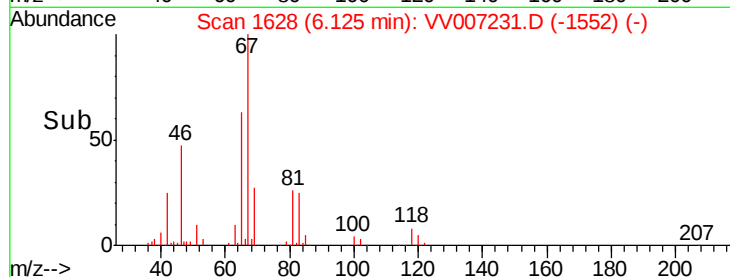
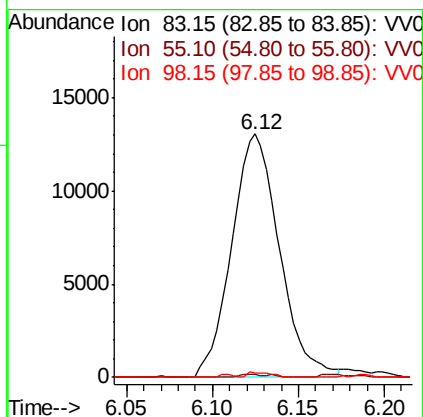
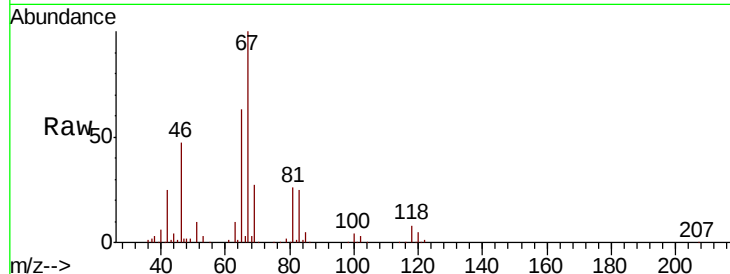




#35
Methvlcvclohexane
Concen: 1.056 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007231.D
Acq: 28 Aug 2018 19:31

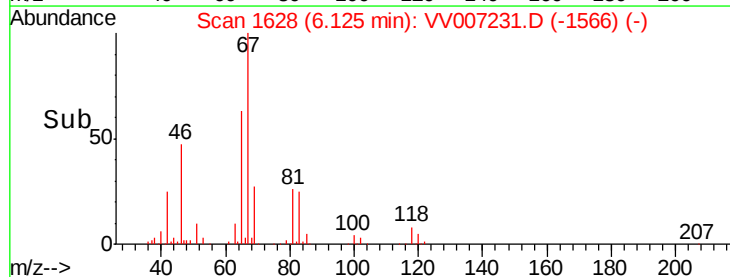
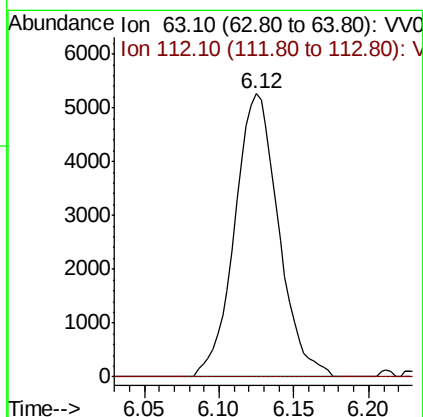
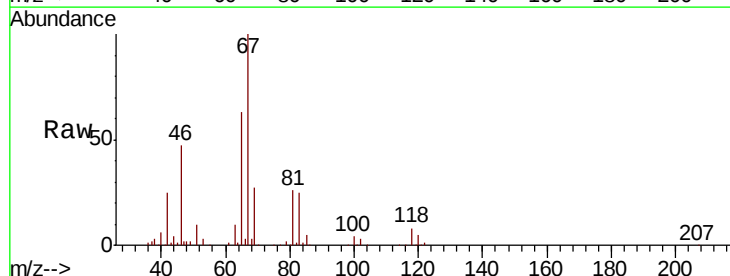
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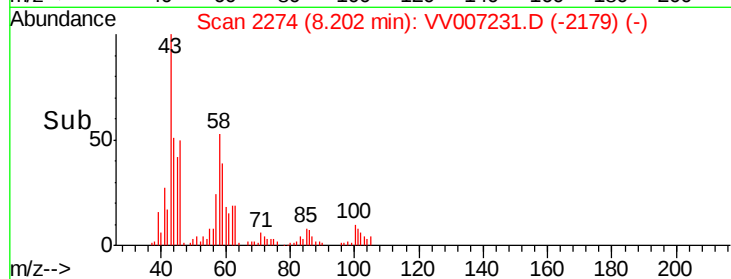
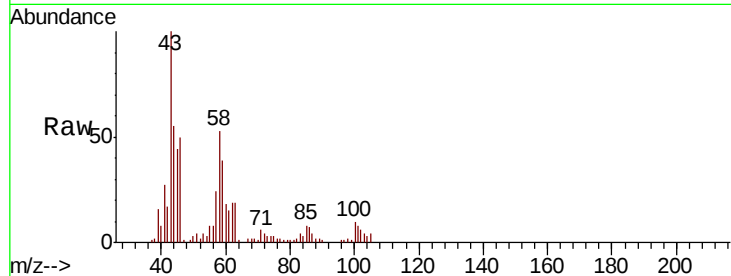
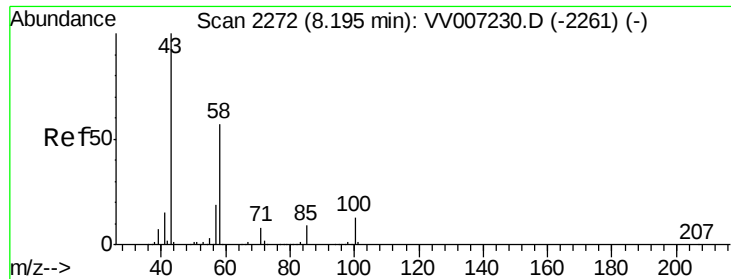
Tot Ion: 83 Resp: 25215
Ion Ratio Lower Upper
83 100
55 0.8 64.0 96.0#
98 1.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV007231.D
Acq: 28 Aug 2018 19:31

Tgt Ion: 63 Resp: 10747
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#48

2-Hexanone

Concen: 6.810 ug/L

RT: 8.20 min Scan# 2274

Delta R.T. 0.01 min

Lab File: VV007231.D

Acq: 28 Aug 2018 19:31

Instrument :

MSVOA_V

ClientSampleId :

VBLK66

Tot Ion: 43 Resp: 45742

Ion Ratio Lower Upper

43 100

58 73.6 50.0 75.0

57 33.5 16.6 25.0#

100 10.3 10.2 15.4

