

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091119\
 Data File : VR026617.D
 Acq On : 11 Sep 2019 12:30
 Operator : SY/MD
 Sample : VR0911WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 12 08:53:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 12 08:46:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	454333	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	341878	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	144377	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	60157	4.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.80%
7) Chloroethane-d5	2.63	69	54628	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	3.62	63	101022	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.62	46	136853	44.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.64%
24) Chloroform-d	7.23	84	221950	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	7.92	65	72680	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	7.88	84	443378	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	8.92	67	119262	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	9.98	98	337708	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	10.25	79	23040	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	10.60	63	79311	42.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	53223	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	13.53	152	95350	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

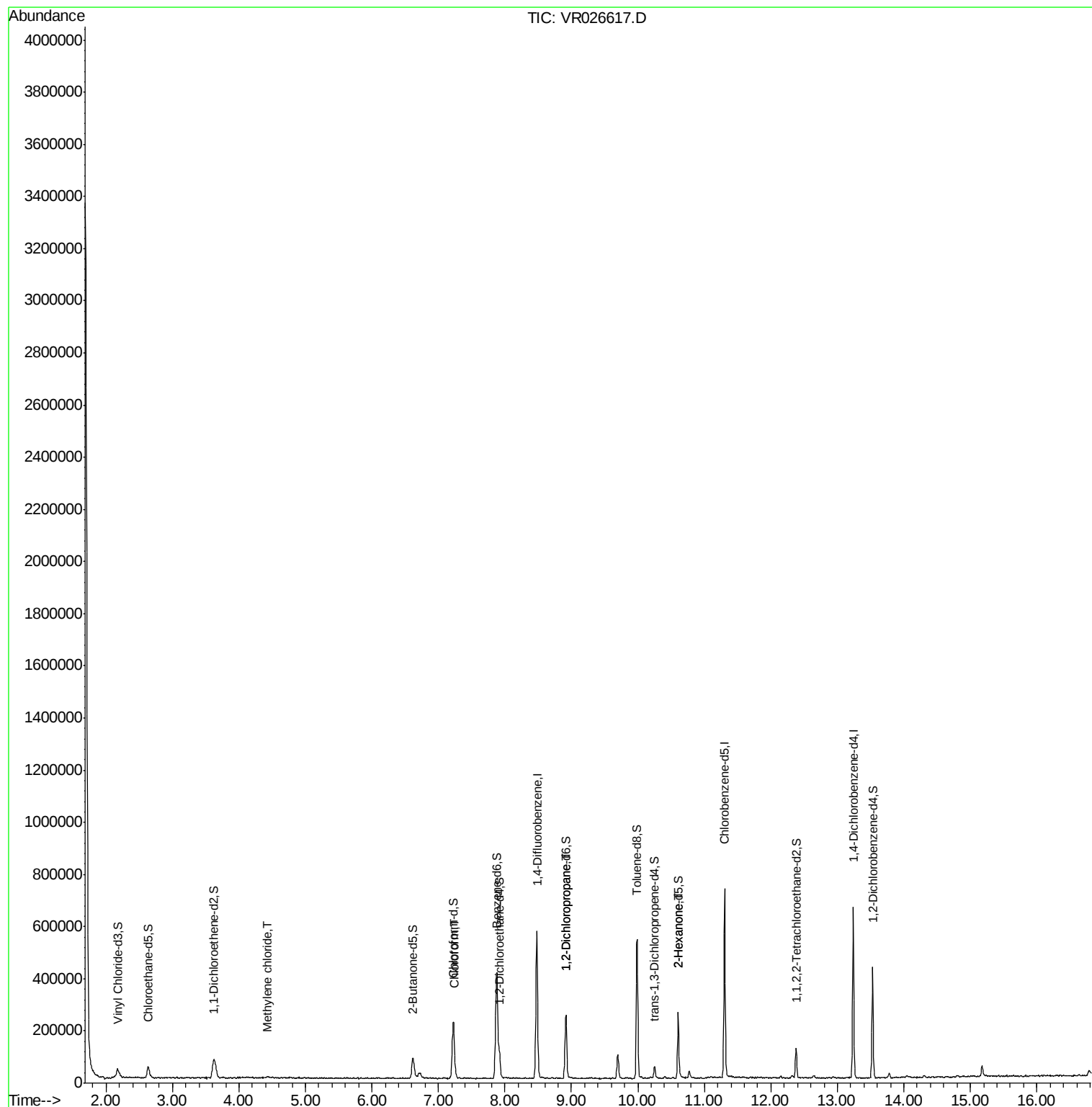
Target Compounds					Ovalue
16) Methylene chloride	4.42	84	4537	0.122 ug/L	88
25) Chloroform	7.24	83	8142	0.121 ug/L	84
37) 1,2-Dichloropropane	8.91	63	12010	0.398 ug/L #	96
48) 2-Hexanone	10.61	43	10512	2.049 ug/L #	65

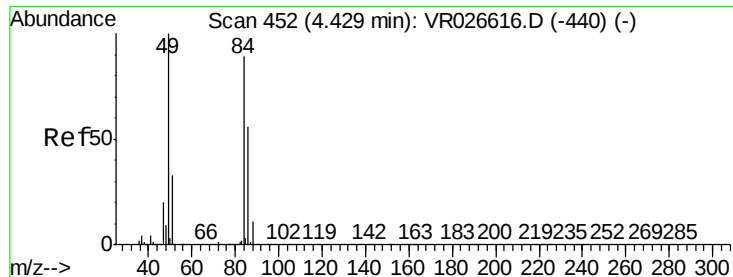
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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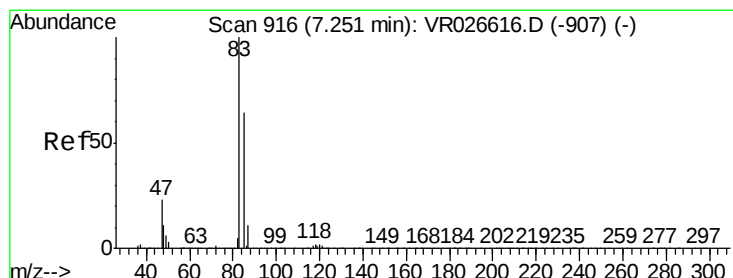
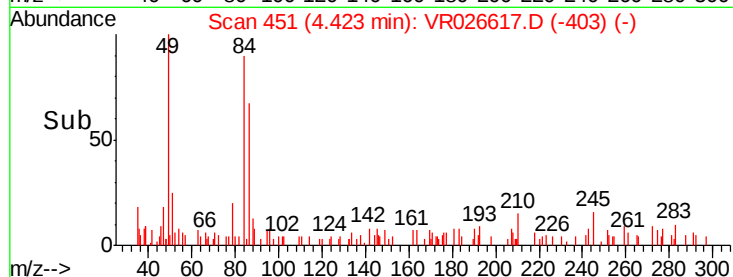
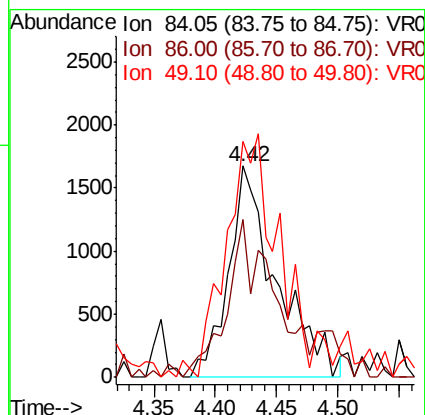
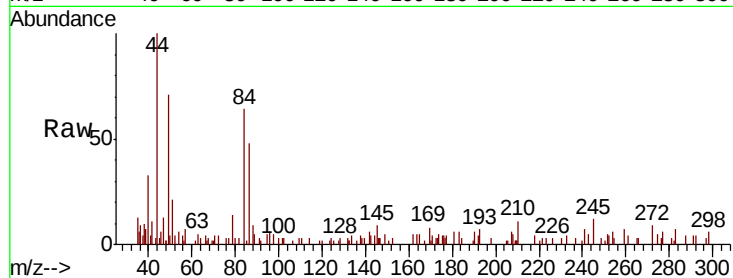




#16
Methylene chloride
Concen: 0.122 ug/L
RT: 4.42 min Scan# 451
Delta R.T. -0.01 min
Lab File: VR026617.D
Acq: 11 Sep 2019 12:30

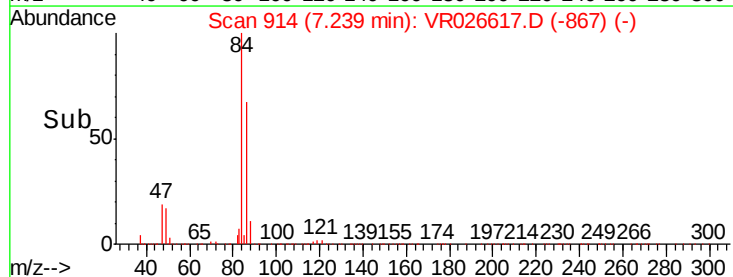
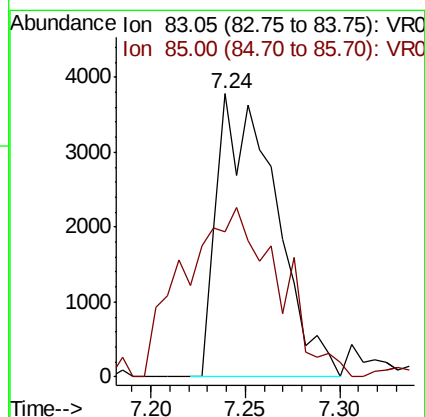
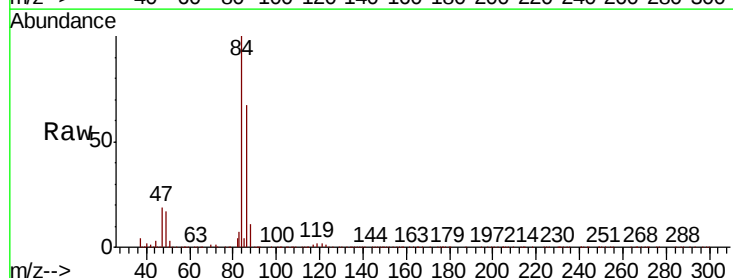
Instrument :
MSVOA_R
ClientSampled :

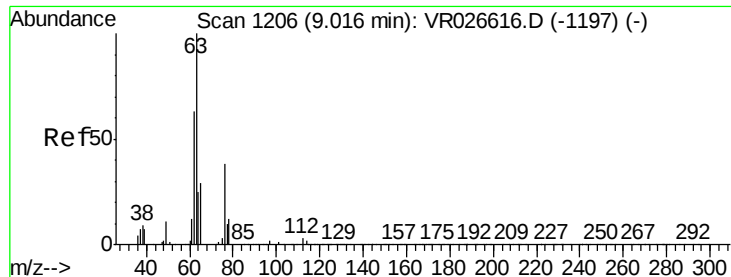
Tot Ion: 84 Resp: 4537
Ion Ratio Lower Upper
84 100
86 74.6 43.6 81.0
49 111.6 85.9 159.5



#25
Chloroform
Concen: 0.121 ug/L
RT: 7.24 min Scan# 914
Delta R.T. -0.01 min
Lab File: VR026617.D
Acq: 11 Sep 2019 12:30

Tgt Ion: 83 Resp: 8142
Ion Ratio Lower Upper
83 100
85 51.1 44.5 82.7





#37

1,2-Dichloropropane

Concen: 0.398 ug/L

RT: 8.91 min Scan# 1189

Delta R.T. -0.10 min

Lab File: VR026617.D

Acq: 11 Sep 2019 12:30

Instrument :

MSVOA_R

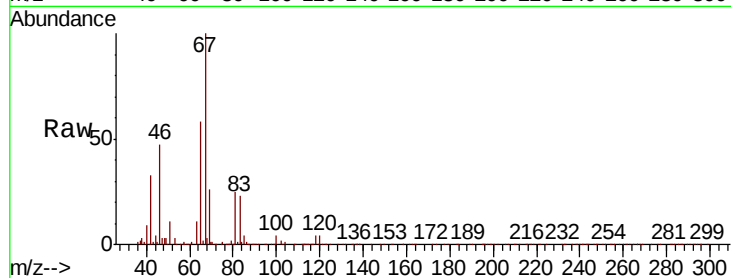
ClientSampleId :

Tot Ion: 63 Resp: 12010

Ion Ratio Lower Upper

63 100

112 2.4 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

8.91

6000

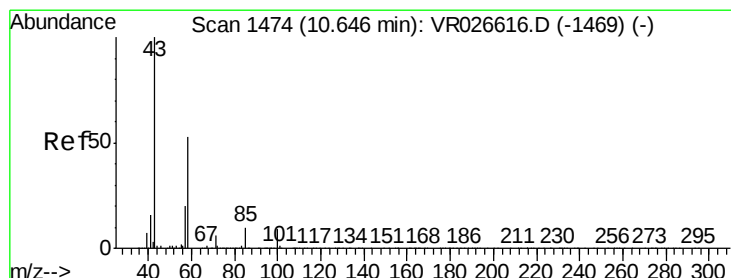
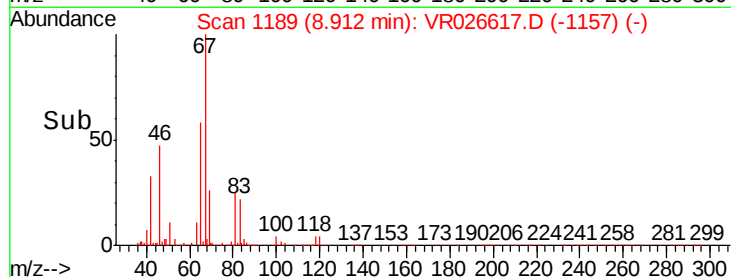
4000

2000

0

8.85 8.90 8.95 9.00

Time-->



#48

2-Hexanone

Concen: 2.049 ug/L

RT: 10.61 min Scan# 1468

Delta R.T. -0.04 min

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Acq: 11 Sep 2019 12:30

Tgt Ion: 43 Resp: 10512

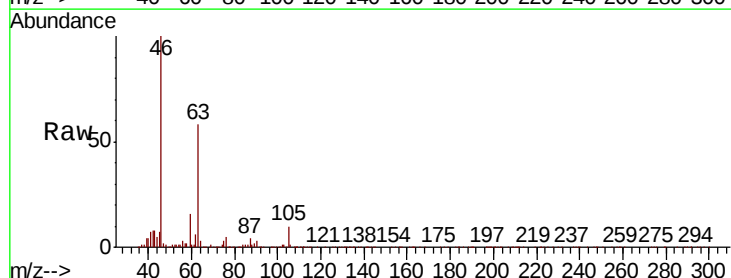
Ion Ratio Lower Upper

43 100

58 26.7 46.0 69.0#

57 33.6 16.1 24.1#

100 6.9 8.9 13.3#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

10000

8000

6000

4000

2000

0

10.55 10.60 10.65

Time-->

