

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021519\
 Data File : VR026333.D
 Acq On : 15 Feb 2019 16:50
 Operator : SY/MD
 Sample : K1488-18
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESXF4

Quant Time: Feb 16 03:51:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 16 03:20:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	616047	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	494121	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	150572	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	229008	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	2.63	69	188726	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	3.61	63	419636	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.59	46	159133	44.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.86%
24) Chloroform-d	7.20	84	354847	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	7.89	65	135514	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
32) Benzene-d6	7.85	84	718578	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	8.89	67	171591	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	79.40%
41) Toluene-d8	9.97	98	637788	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	10.23	79	41409	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	10.59	63	119425	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62797	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	118940	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

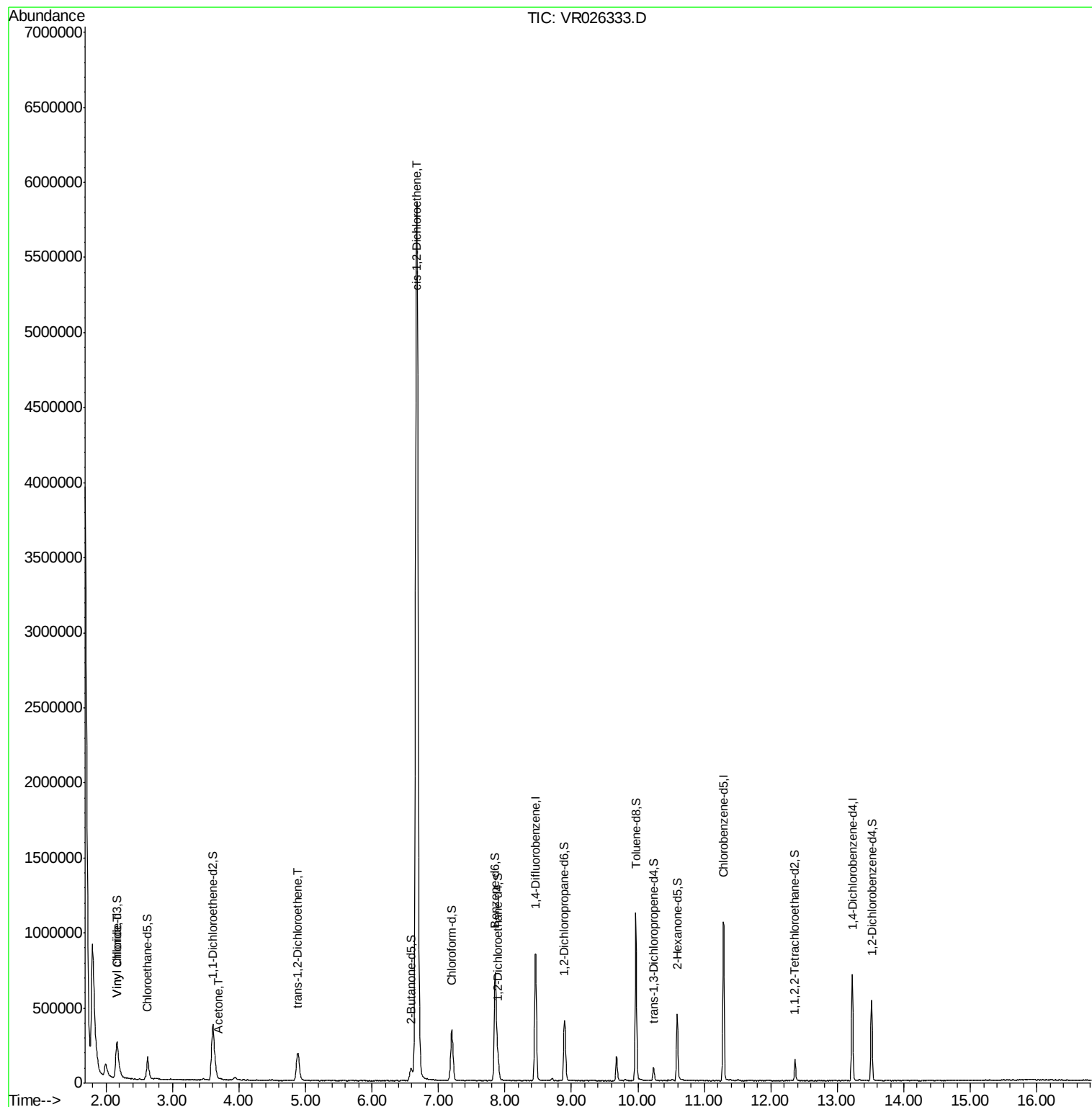
					Ovalue
5) Vinyl chloride	2.17	62	163002	2.497 ug/L	97
13) Acetone	3.69	43	7996	2.117 ug/L	73
18) trans-1,2-Dichloroethene	4.89	96	112018	2.097 ug/L	92
22) cis-1,2-Dichloroethene	6.67	96	3476132	80.675 ug/L #	88

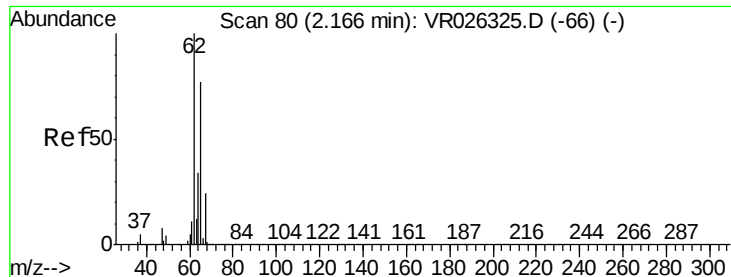
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.497 ug/L

RT: 2.17 min Scan# 80

Delta R.T. 0.00 min

Lab File: VR026333.D

Acq: 15 Feb 2019 16:50

Instrument :

MSVOA_R

ClientSampled :

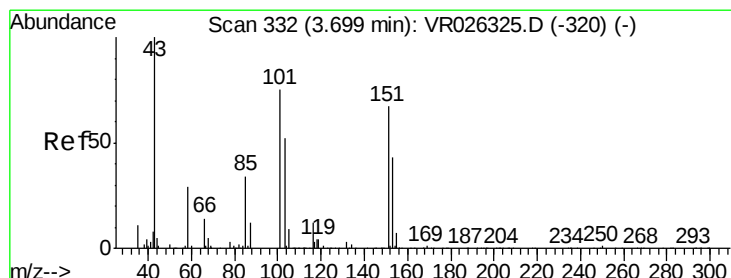
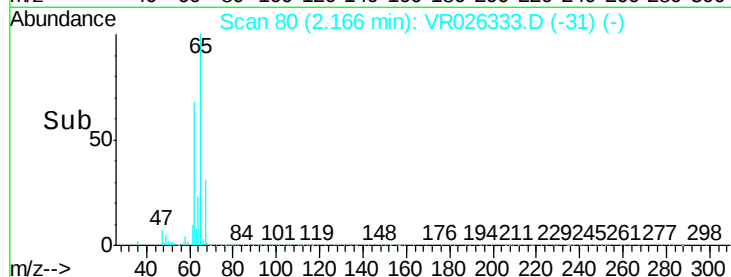
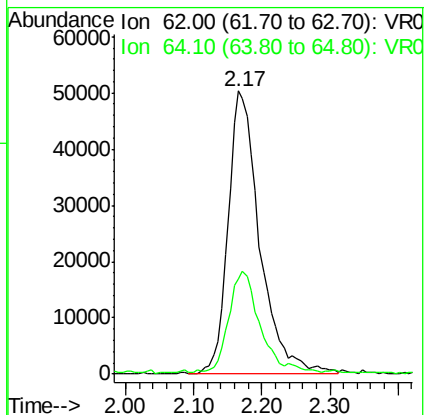
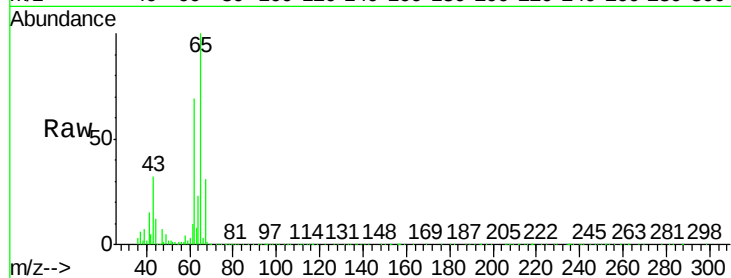
ESXF4

Tot Ion: 62 Resp: 163002

Ion Ratio Lower Upper

62 100

64 33.5 22.2 41.2



#13

Acetone

Concen: 2.117 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026333.D

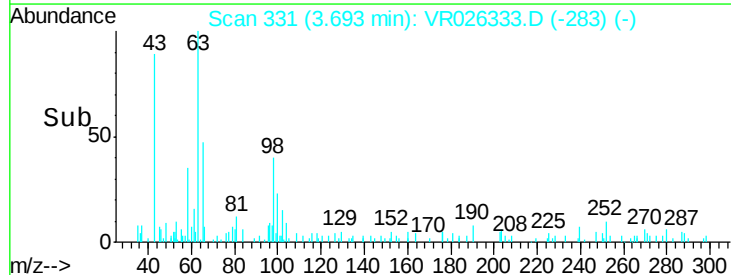
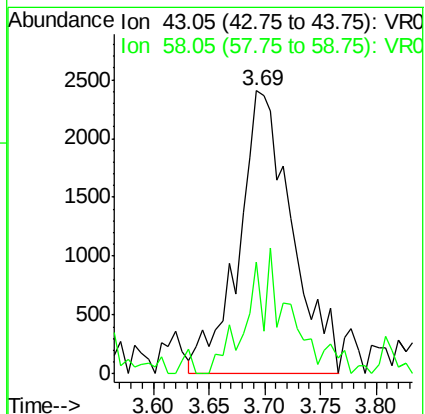
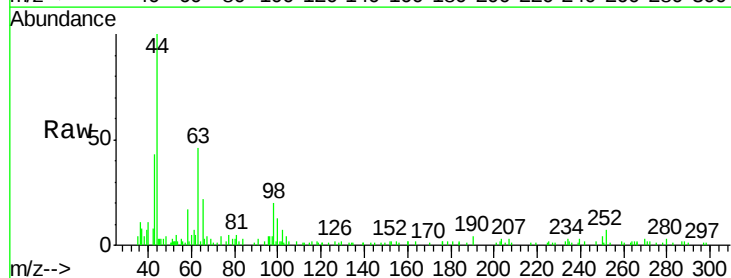
Acq: 15 Feb 2019 16:50

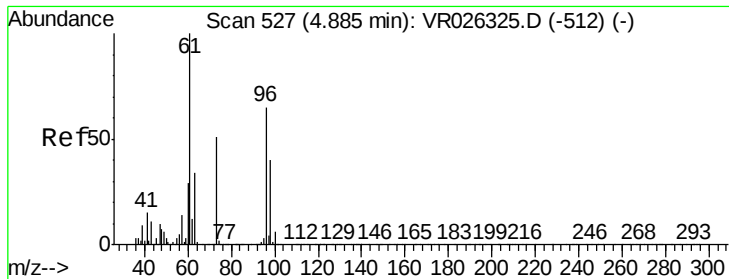
Tgt Ion: 43 Resp: 7996

Ion Ratio Lower Upper

43 100

58 14.3 0.0 56.6

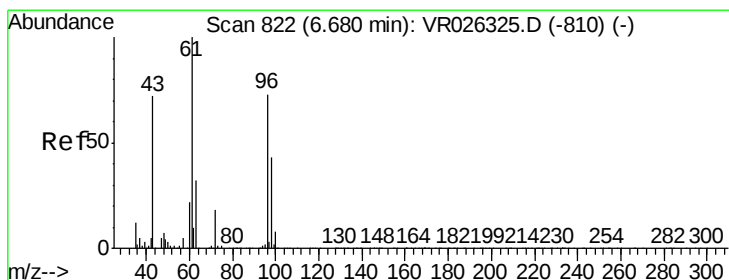
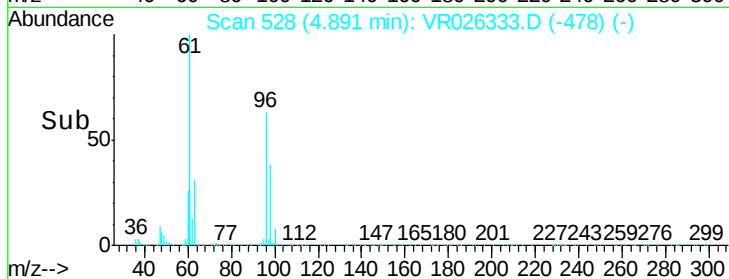
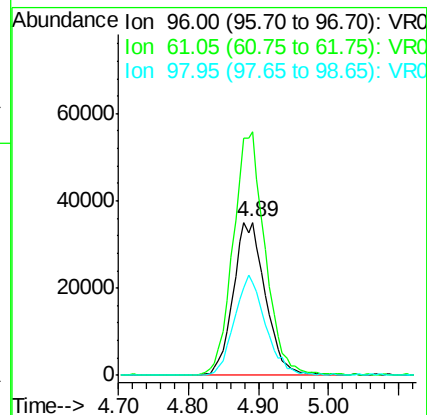
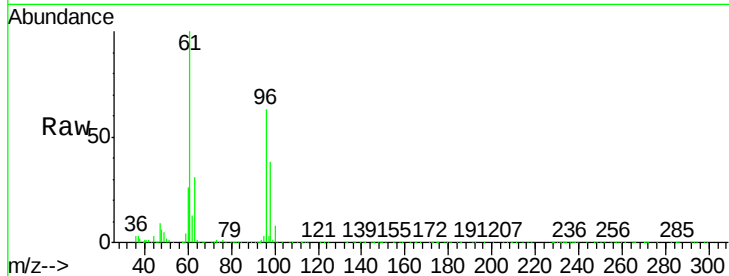




#18
trans-1,2-Dichloroethene
Concen: 2.097 ug/L
RT: 4.89 min Scan# 528
Delta R.T. 0.01 min
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ClientSampleId :
ESXF4

Tot Ion: 96 Resp: 112018
Ion Ratio Lower Upper
96 100
61 158.9 102.5 190.3
98 60.6 43.9 81.5



#22
cis-1,2-Dichloroethene
Concen: 80.675 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026333.D
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Tgt Ion: 96 Resp: 3476132
Ion Ratio Lower Upper
96 100
61 132.6 103.3 191.9
68 0.0 0.1 0.3#

