

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026085.D
 Acq On : 15 Oct 2018 22:22
 Operator : SY/MD
 Sample : J5379-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A3

Quant Time: Oct 16 10:35:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 08:21:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	557151	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	473951	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	148188	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	252518	5.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	2.63	69	223014	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	3.60	63	459996	3.84	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	6.59	46	233794	58.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.80%
24) Chloroform-d	7.20	84	383019	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.90	65	164305	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	7.85	84	761390	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	8.90	67	216281	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	9.97	98	713300	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	10.24	79	51296	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	10.59	63	187124	62.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78350	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	127895	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

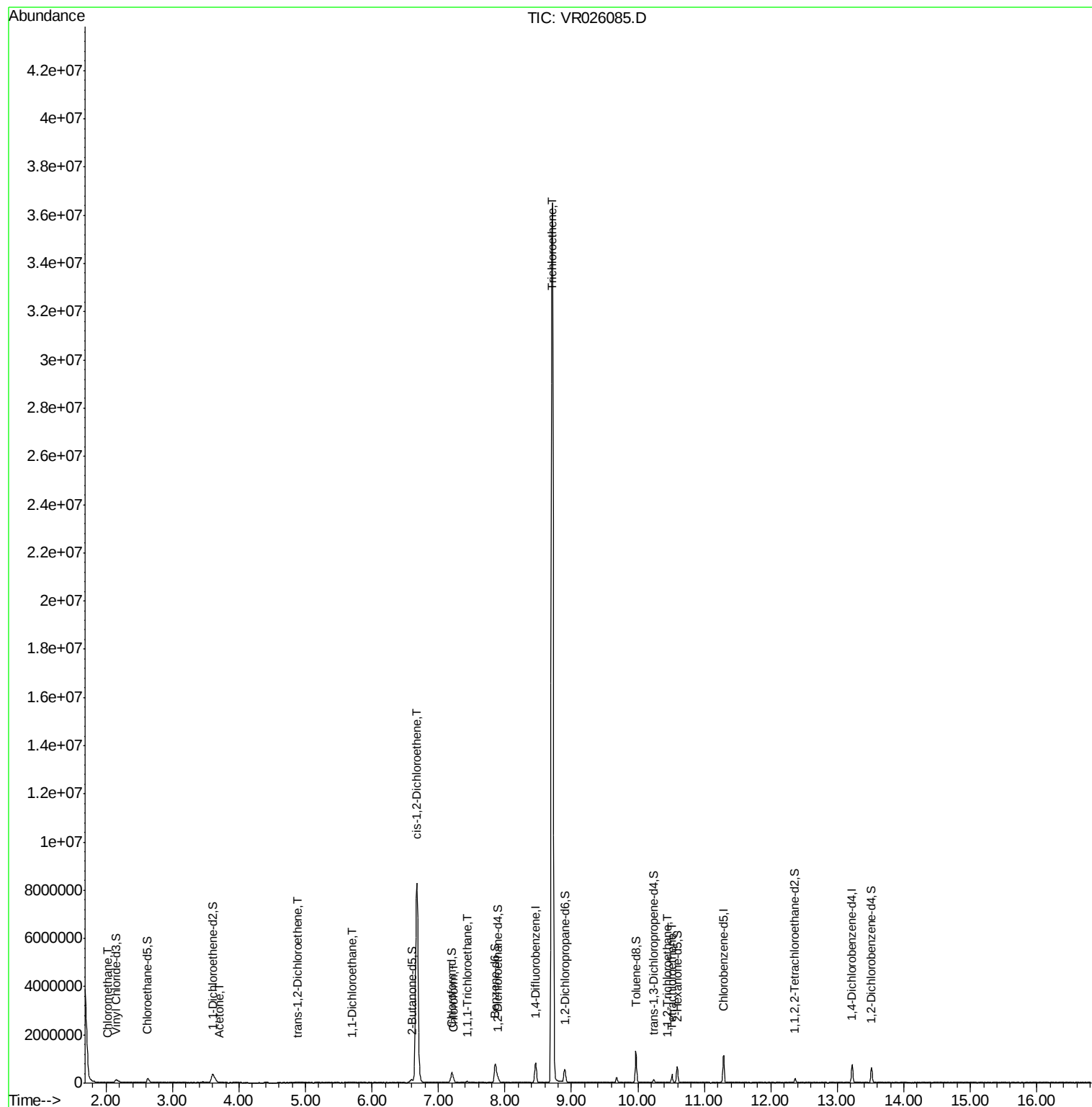
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.02	50	14886	0.250	ug/L	96
13) Acetone	3.70	43	13577	3.281	ug/L	87
18) trans-1,2-Dichloroethene	4.88	96	14297	0.349	ug/L	78
19) 1,1-Dichloroethane	5.69	63	30864	0.401	ug/L #	89
22) cis-1,2-Dichloroethene	6.67	96	4691018	121.035	ug/L #	88
25) Chloroform	7.23	83	57283	0.763	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	39616	0.612	ug/L	97
34) Trichloroethene	8.71	95	13104874	287.905	ug/L	82
45) 1,1,2-Trichloroethane	10.45	97	8568	0.541	ug/L	90
47) Tetrachloroethene	10.51	164	58646	1.804	ug/L	96

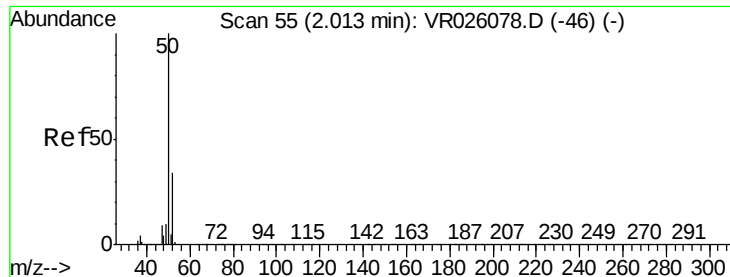
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.250 ug/L

RT: 2.02 min Scan# 56

Delta R.T. 0.01 min

Lab File: VR026085.D

Acq: 15 Oct 2018 22:22

Instrument :

MSVOA_R

ClientSampleId :

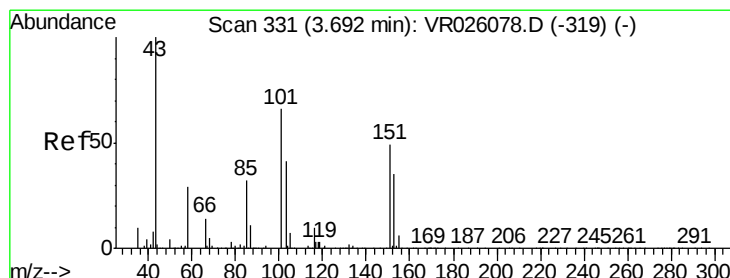
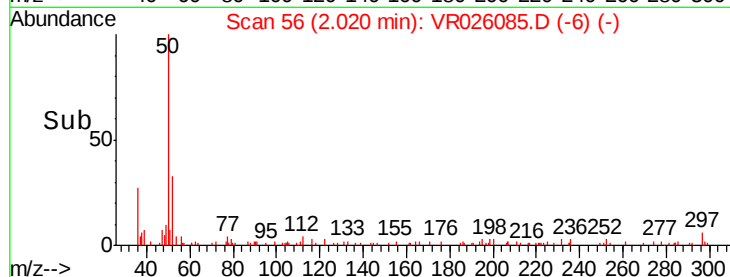
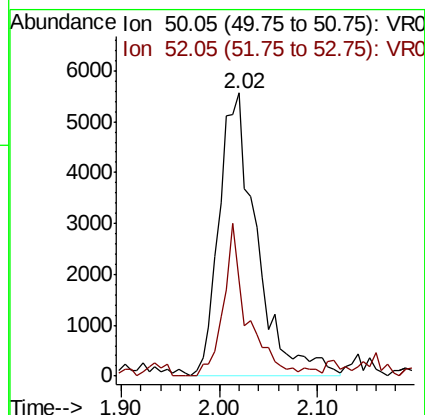
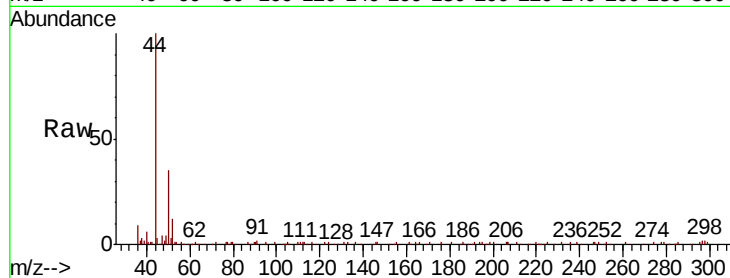
H42A3

Tot Ion: 50 Resp: 14886

Ion Ratio Lower Upper

50 100

52 33.5 22.0 40.8



#13

Acetone

Concen: 3.281 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026085.D

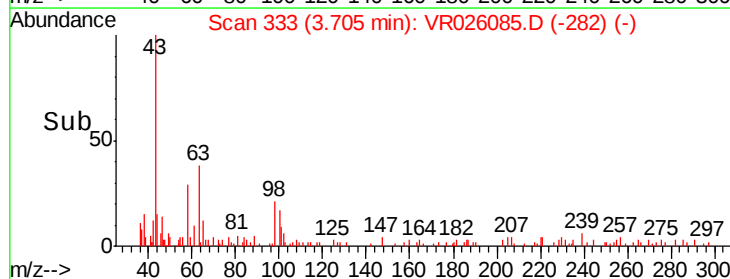
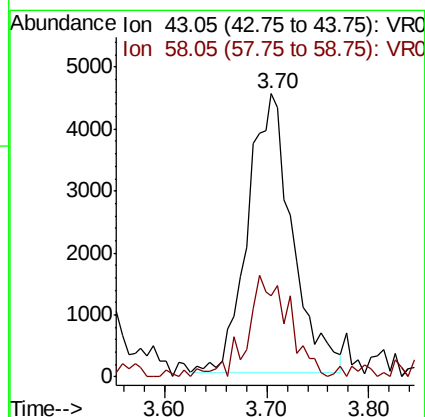
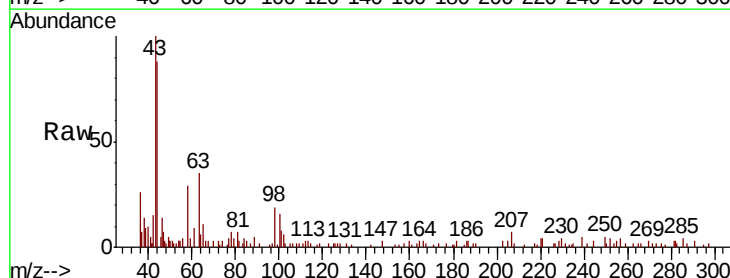
Acq: 15 Oct 2018 22:22

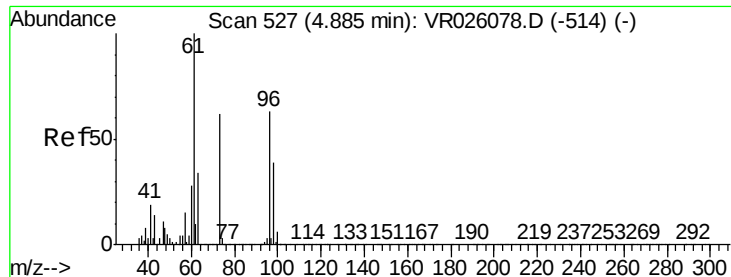
Tgt Ion: 43 Resp: 13577

Ion Ratio Lower Upper

43 100

58 34.4 0.0 55.4





#18

trans-1,2-Dichloroethene

Concen: 0.349 ug/L

RT: 4.88 min Scan# 526

Delta R.T. -0.01 min

Lab File: VR026085.D

Acq: 15 Oct 2018 22:22

Instrument :

MSVOA_R

ClientSampleId :

H42A3

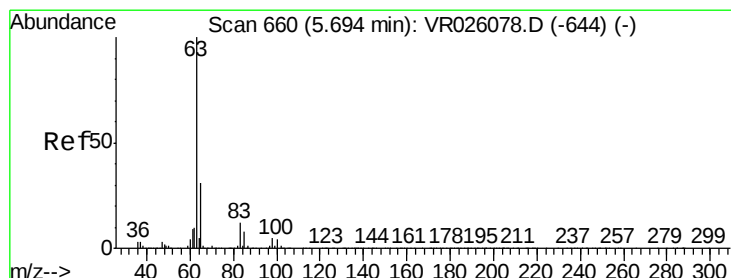
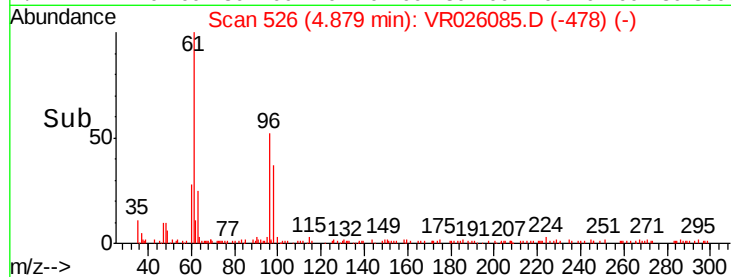
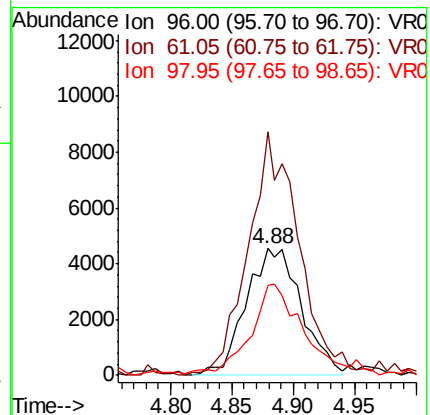
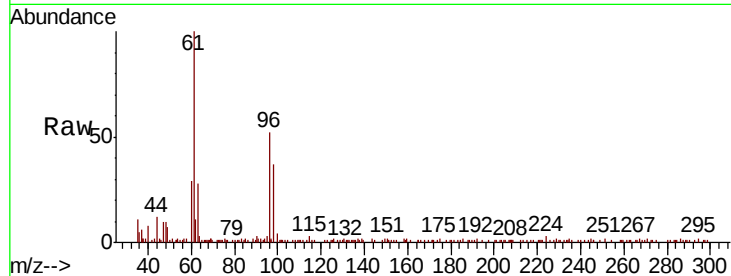
Tot Ion: 96 Resp: 14297

Ion Ratio Lower Upper

96 100

61 192.0 111.4 206.8

98 70.7 41.4 77.0



#19

1,1-Dichloroethane

Concen: 0.401 ug/L

RT: 5.69 min Scan# 660

Delta R.T. 0.00 min

Lab File: VR026085.D

Acq: 15 Oct 2018 22:22

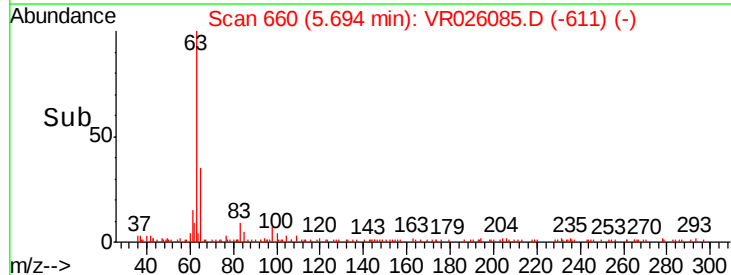
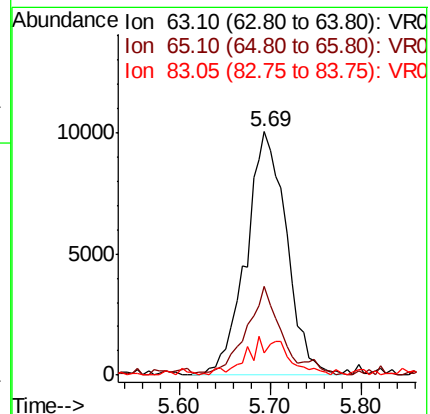
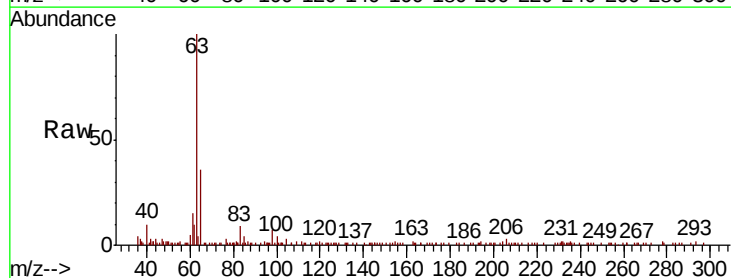
Tgt Ion: 63 Resp: 30864

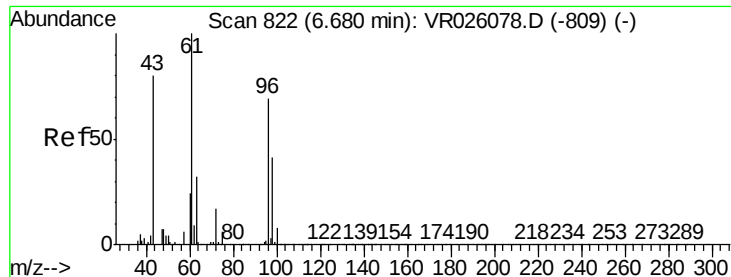
Ion Ratio Lower Upper

63 100

65 36.3 21.2 39.4

83 9.0 9.2 17.2#



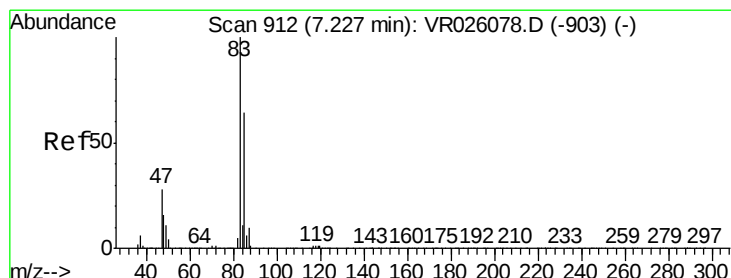
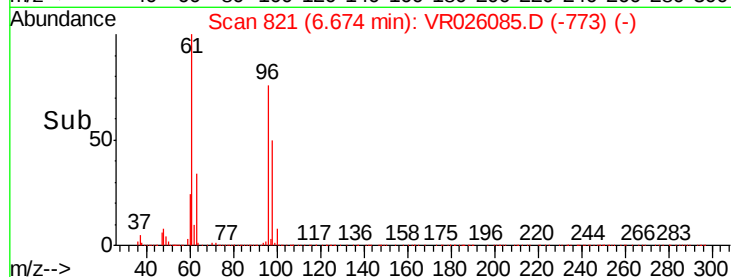
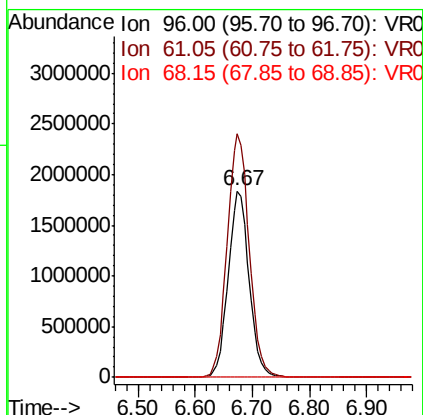
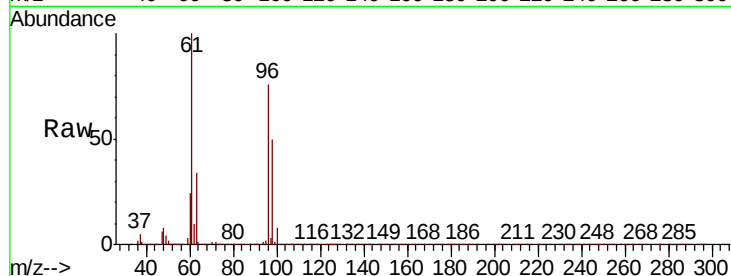


#22

cis-1,2-Dichloroethene
 Concen: 121.035 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: VR026085.D
 Acq: 15 Oct 2018 22:22

Instrument :
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 H42A3

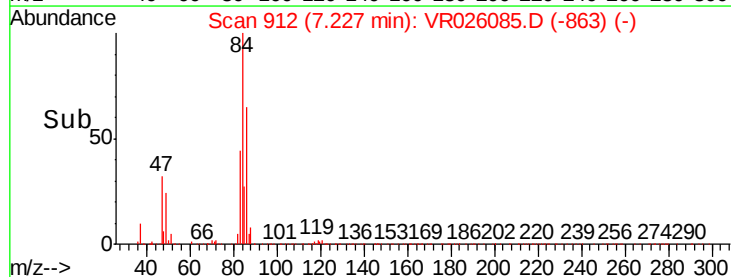
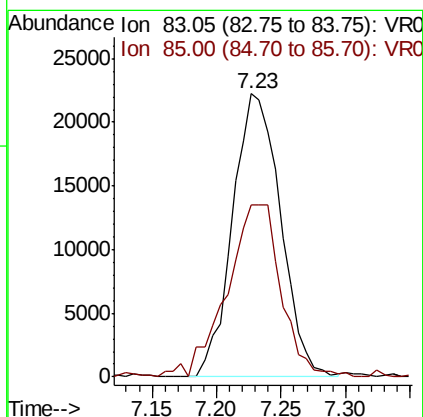
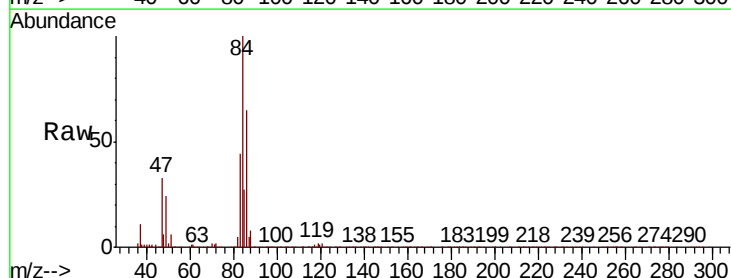
Tot Ion: 96 Resp: 4691018
 Ion Ratio Lower Upper
 96 100
 61 130.8 101.8 189.0
 68 0.0 0.1 0.3#

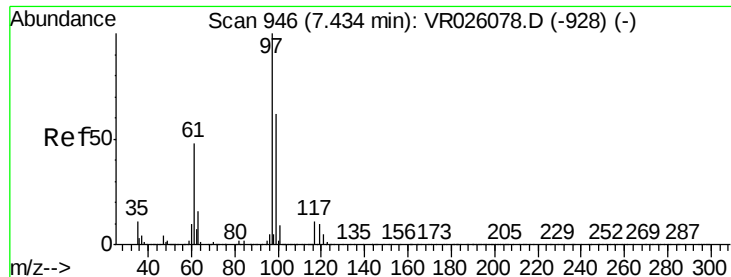


#25

Chloroform
 Concen: 0.763 ug/L
 RT: 7.23 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VR026085.D
 Acq: 15 Oct 2018 22:22

Tgt Ion: 83 Resp: 57283
 Ion Ratio Lower Upper
 83 100
 85 60.9 43.5 80.7

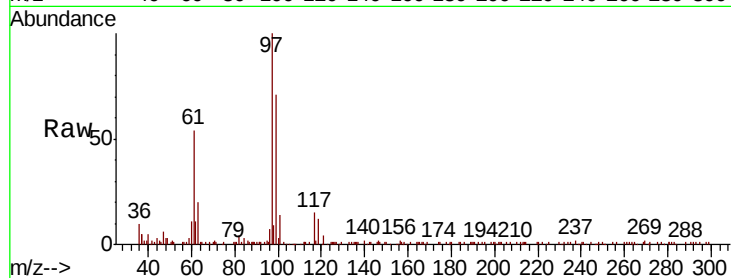




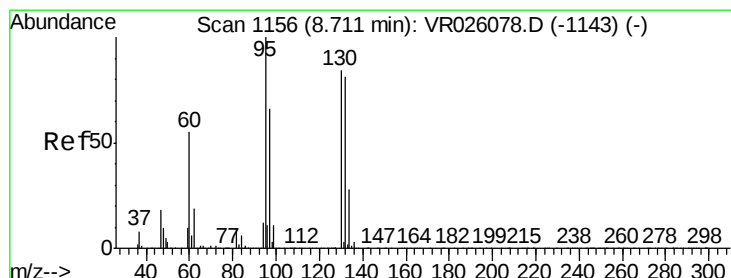
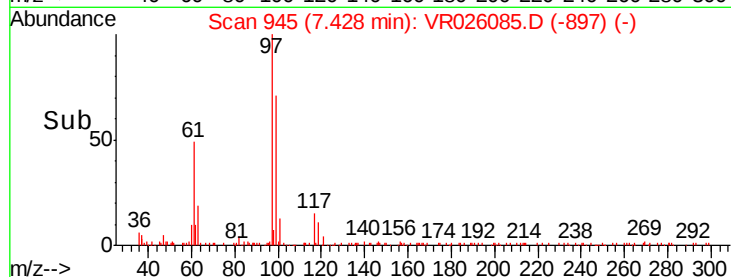
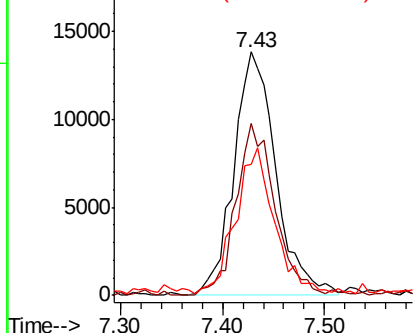
#29
 1,1,1-Trichloroethane
 Concen: 0.612 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: VR026085.D
 Acq: 15 Oct 2018 22:22

Instrument :
 MSVOA_R
 ClientSampleId :
 H42A3

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.1	76.7
61	55.4	42.1	63.1

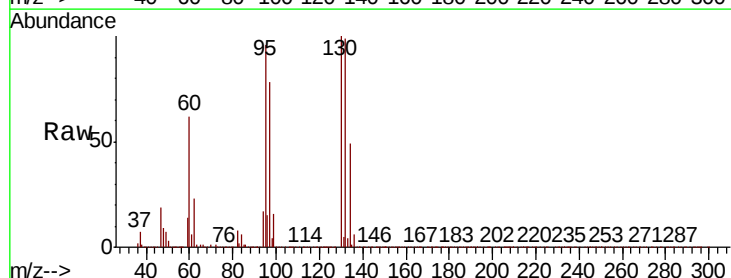


Abundance Ion 96.95 (96.65 to 97.65): VR0
 Ion 99.05 (98.75 to 99.75): VR0
 Ion 61.05 (60.75 to 61.75): VR0

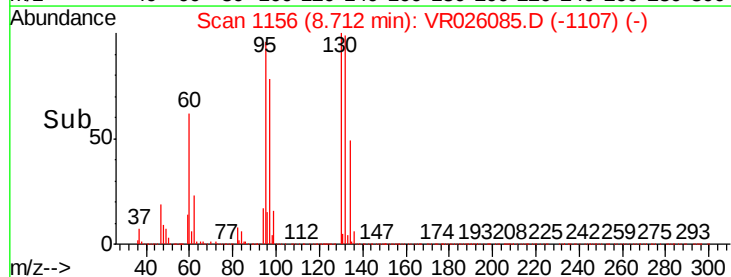
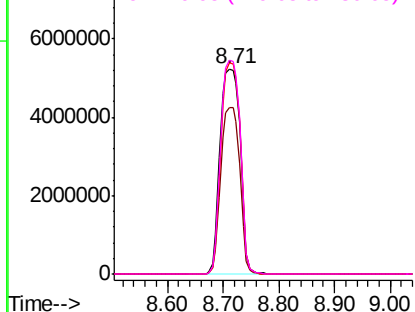


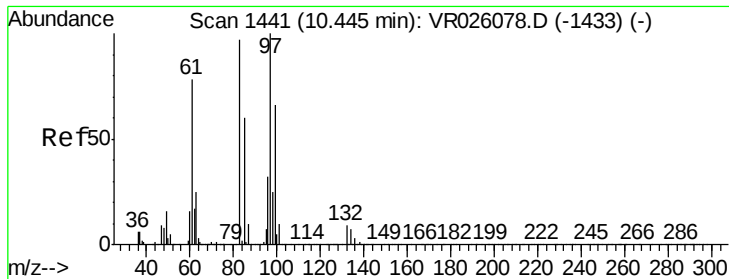
#34
 Trichloroethene
 Concen: 287.905 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VR026085.D
 Acq: 15 Oct 2018 22:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	81.3	45.7	84.9
132	102.9	58.3	108.3
130	104.2	64.0	119.0



Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

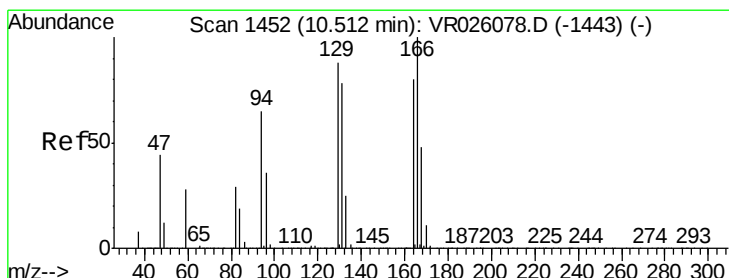
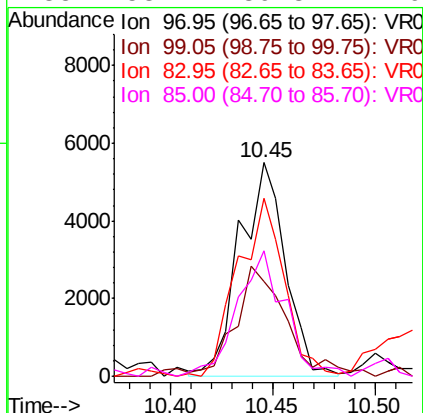
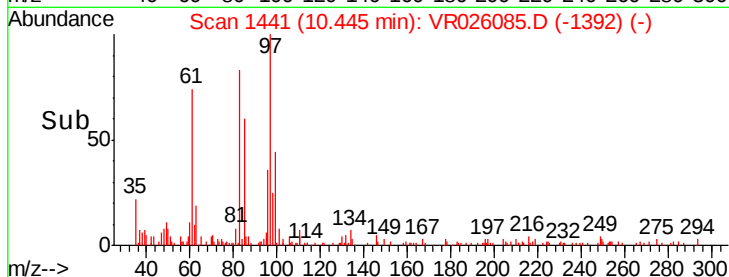
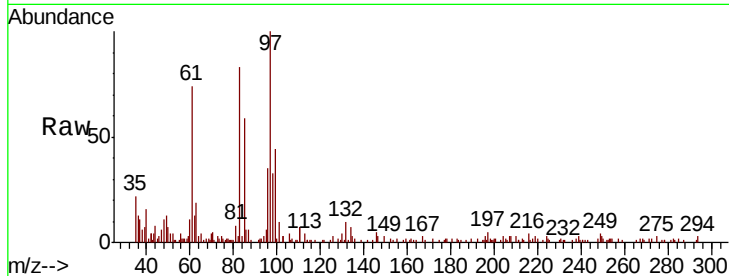




#45
 1,1,2-Trichloroethane
 Concen: 0.541 ug/L
 RT: 10.45 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VR026085.D
 Acq: 15 Oct 2018 22:22

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Tot Ion:	97	Resp:	8568
Ion	Ratio	Lower	Upper
97	100		
99	44.3	42.8	79.4
83	83.1	61.9	114.9
85	58.7	39.3	72.9



#47
 Tetrachloroethene
 Concen: 1.804 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026085.D
 Acq: 15 Oct 2018 22:22

Tgt Ion:	164	Resp:	58646
Ion	Ratio	Lower	Upper
164	100		
129	107.3	70.3	130.5
131	96.7	67.3	125.1
166	128.8	86.1	159.9

