

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101518\
 Data File : VR026089.D
 Acq On : 16 Oct 2018 00:35
 Operator : SY/MD
 Sample : J5379-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 16 08:26:04 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	534311	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	461284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	143975	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	235424	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	2.63	69	205715	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	3.61	63	422969	3.68	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	6.59	46	215346	56.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.18%
24) Chloroform-d	7.20	84	339568	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	7.90	65	150959	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	7.85	84	683997	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	192197	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	9.97	98	639402	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	41562	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	10.59	63	168933	58.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72691	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	118133	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

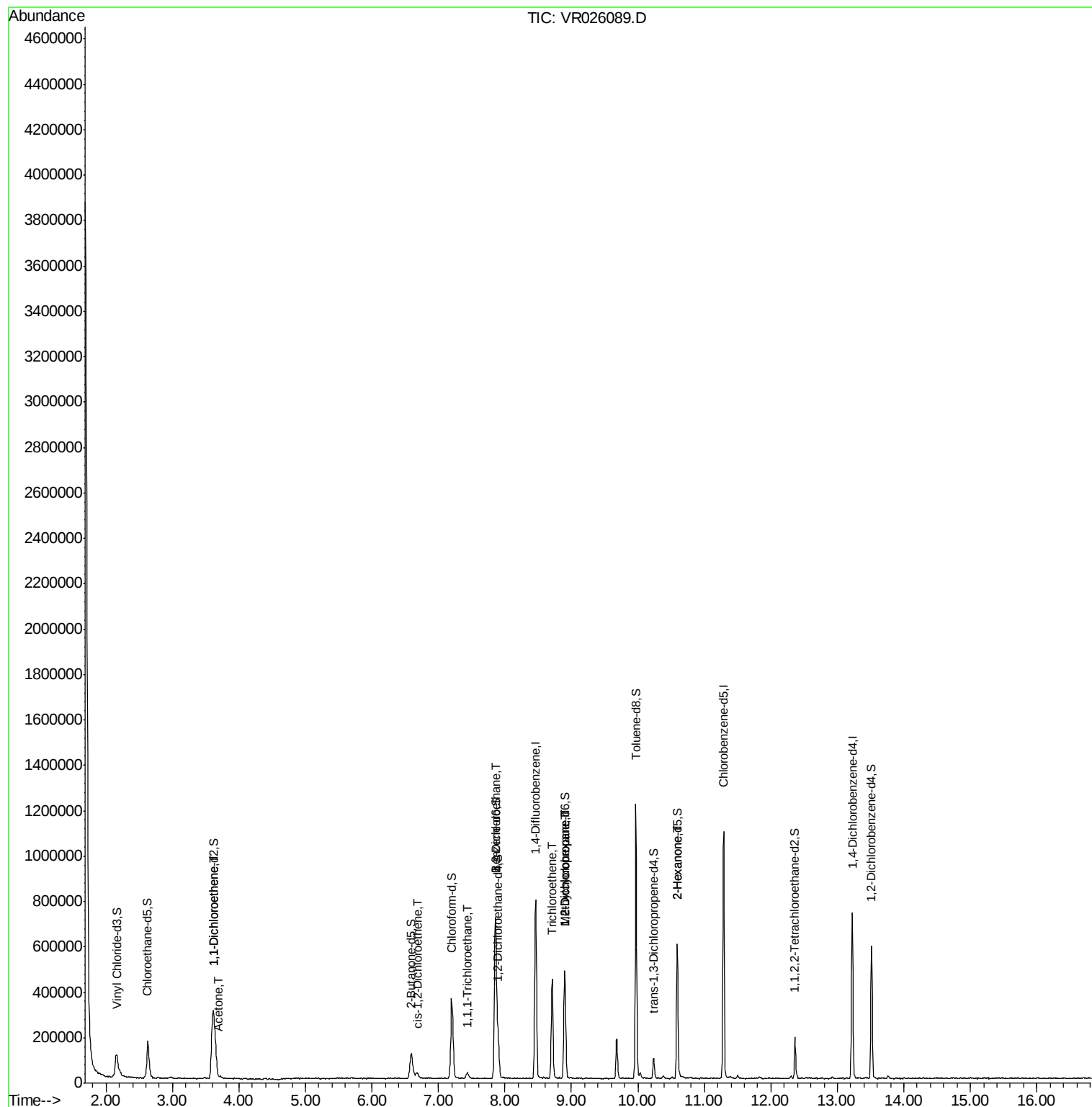
					Ovalue
12) 1,1-Dichloroethene	3.62	96	4691	0.090 ug/L #	1
13) Acetone	3.70	43	5519	1.391 ug/L	87
22) cis-1,2-Dichloroethene	6.67	96	10750	0.289 ug/L #	67
27) 1,2-Dichloroethane	7.86	62	4943	0.140 ug/L	99
29) 1,1,1-Trichloroethane	7.43	97	21606	0.343 ug/L	95
34) Trichloroethene	8.71	95	137455	3.103 ug/L	98
35) Methylcyclohexane	8.90	83	44666	0.677 ug/L #	19
37) 1,2-Dichloropropane	8.90	63	24911	0.682 ug/L #	95
48) 2-Hexanone	10.59	43	25884	3.554 ug/L #	72

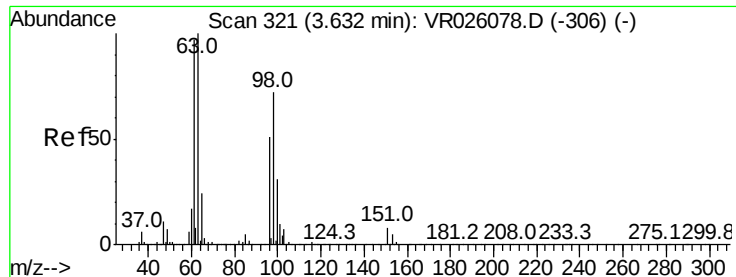
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 16 08:21:47 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.090 ug/L

RT: 3.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VR026089.D

Acq: 16 Oct 2018 00:35

Instrument :
MSVOA_R
ClientSampled :

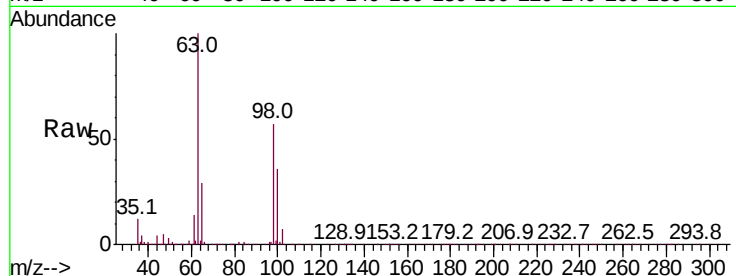
Tot Ion: 96 Resp: 4691

Ion Ratio Lower Upper

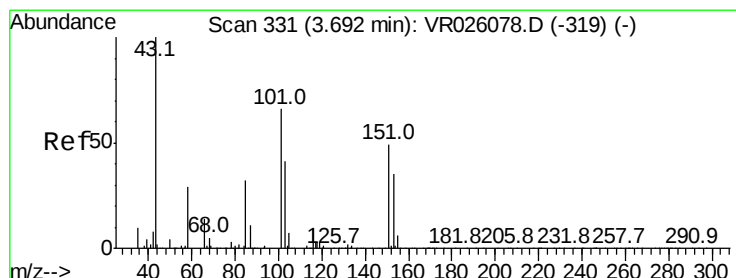
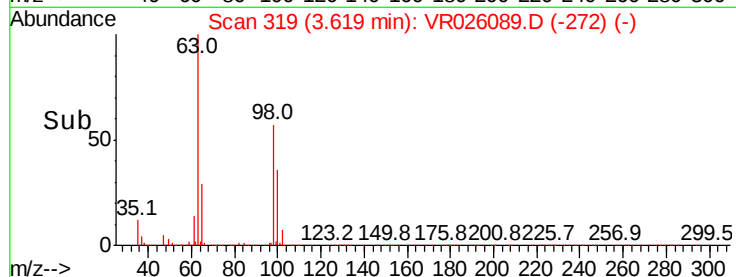
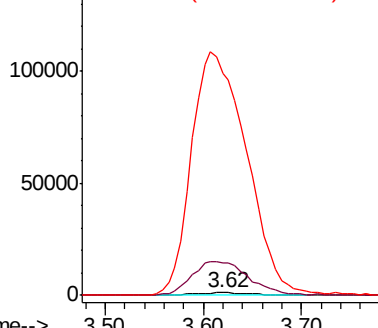
96 100

61 1143.0 126.7 235.3#

63 7936.0 125.0 232.2#



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 63.00 (62.70 to 63.70): VR0



#13

Acetone

Concen: 1.391 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026089.D

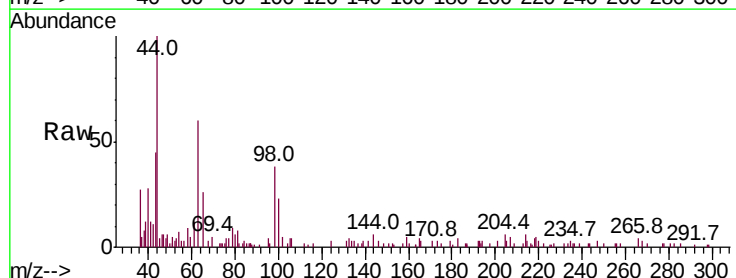
Acq: 16 Oct 2018 00:35

Tgt Ion: 43 Resp: 5519

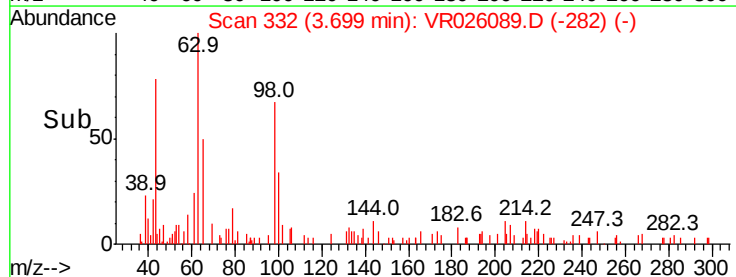
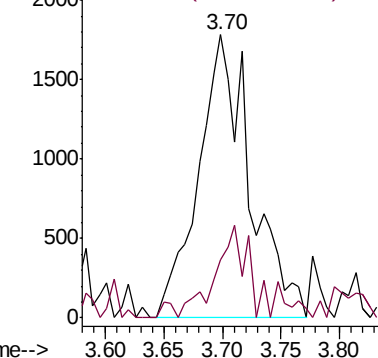
Ion Ratio Lower Upper

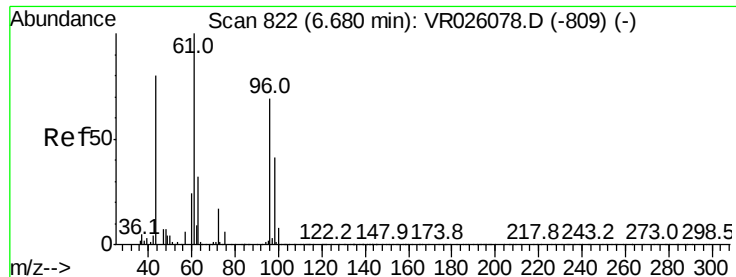
43 100

58 20.7 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0



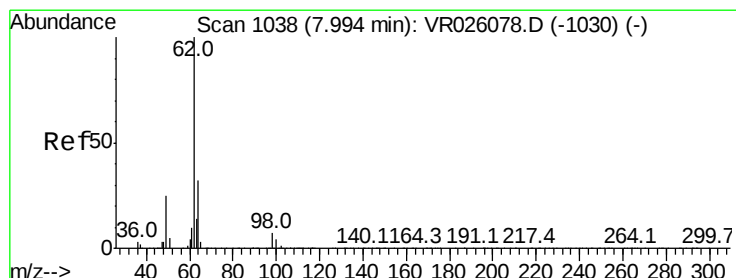
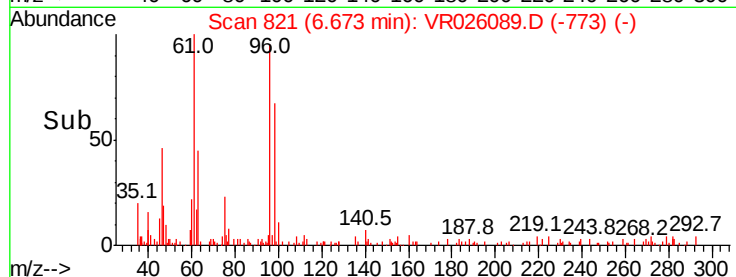
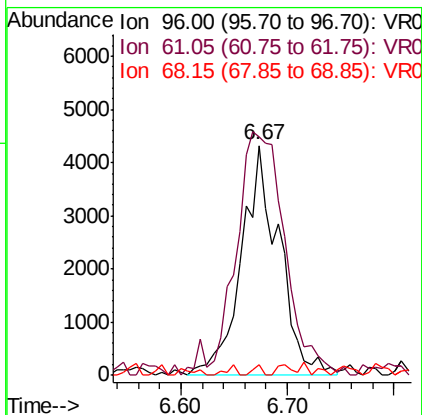
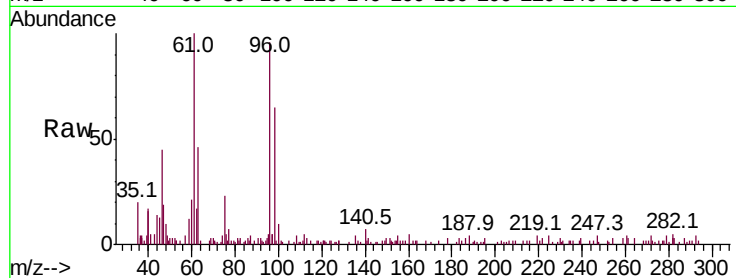


#22

cis-1,2-Dichloroethene
Concen: 0.289 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026089.D
Acq: 16 Oct 2018 00:35

Instrument :
MSVOA_R
ClientSampleId :

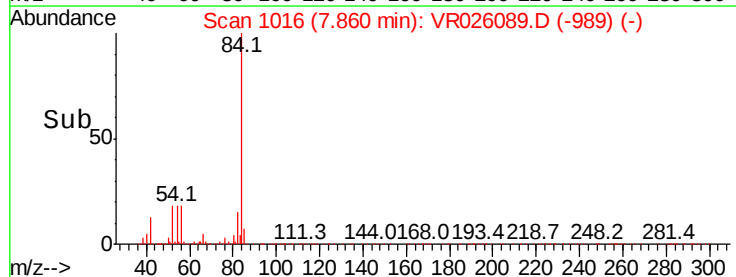
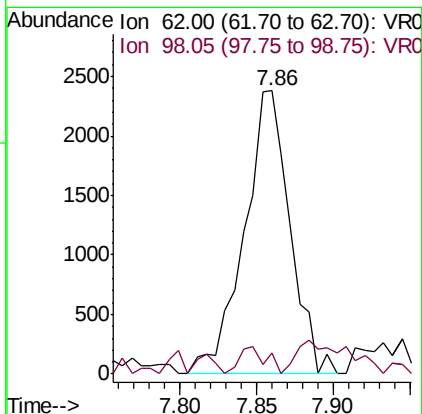
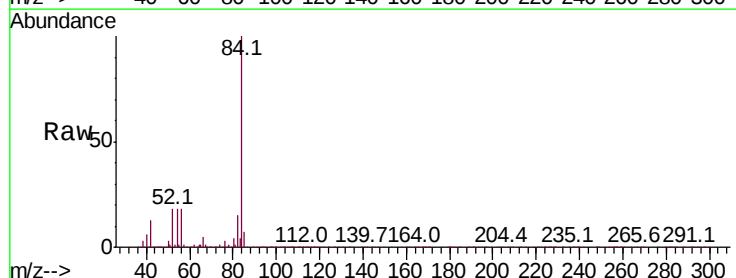
Tot Ion: 96 Resp: 10750
Ion Ratio Lower Upper
96 100
61 103.9 101.8 189.0
68 4.5 0.1 0.3#

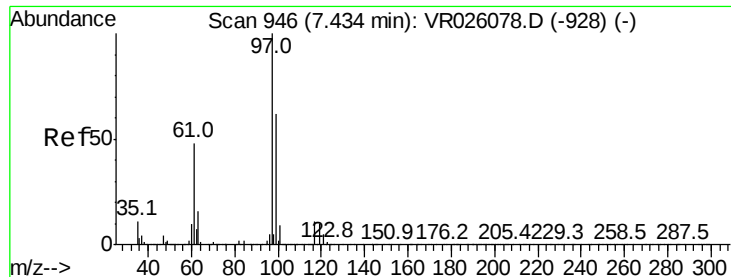


#27

1,2-Dichloroethane
Concen: 0.140 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026089.D
Acq: 16 Oct 2018 00:35

Tgt Ion: 62 Resp: 4943
Ion Ratio Lower Upper
62 100
98 7.4 5.6 8.4

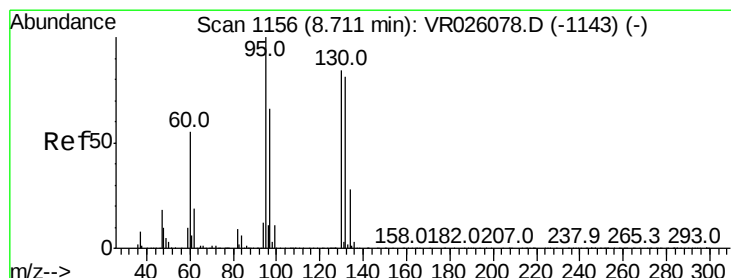
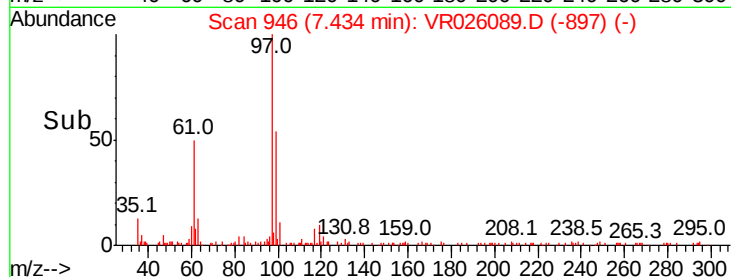
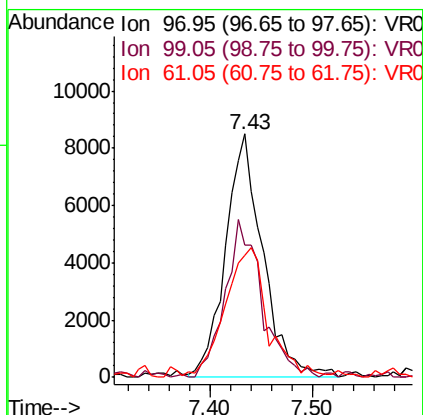
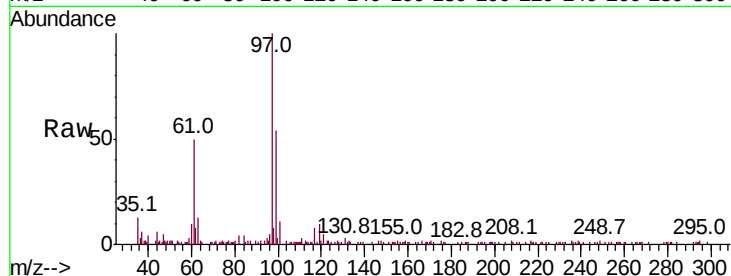




#29
1,1,1-Trichloroethane
Concen: 0.343 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.00 min
Lab File: VR026089.D
Acq: 16 Oct 2018 00:35

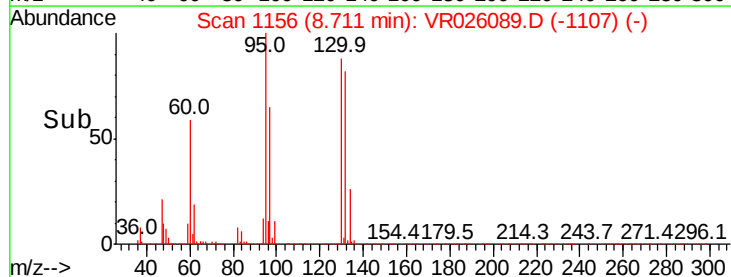
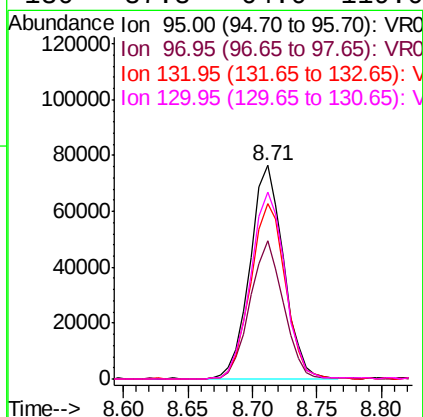
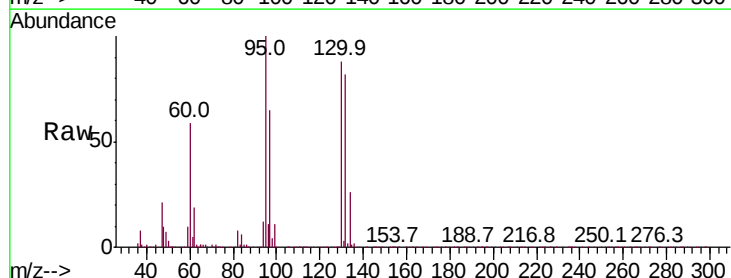
Instrument :
MSVOA_R
ClientSampled :

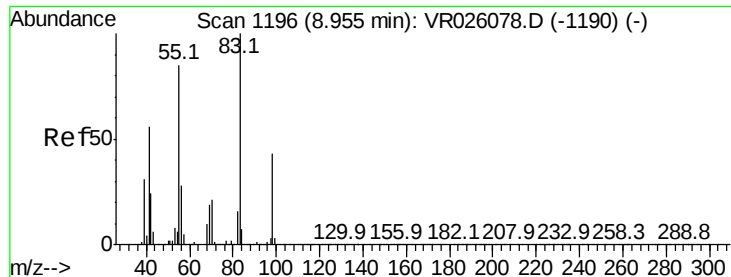
Tot Ion: 97 Resp: 21606
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 60.8 42.1 63.1



#34
Trichloroethene
Concen: 3.103 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026089.D
Acq: 16 Oct 2018 00:35

Tgt Ion: 95 Resp: 137455
Ion Ratio Lower Upper
95 100
97 64.7 45.7 84.9
132 82.4 58.3 108.3
130 87.8 64.0 119.0

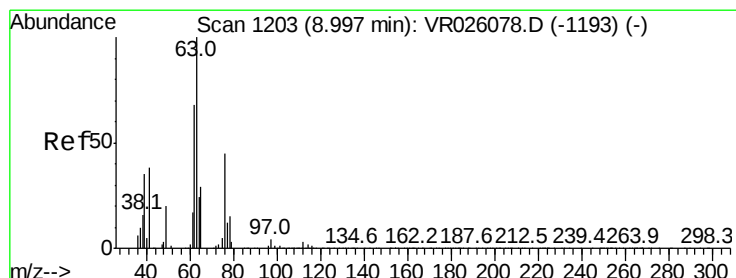
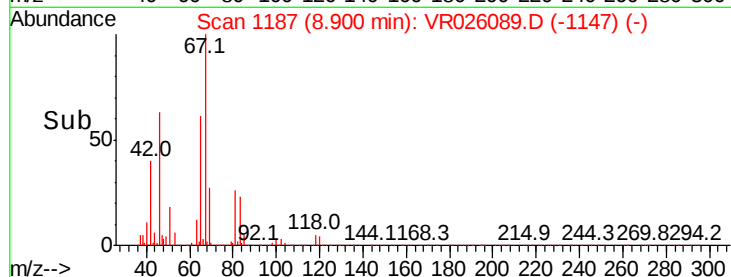
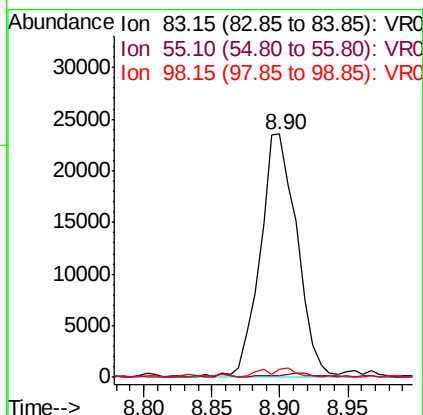
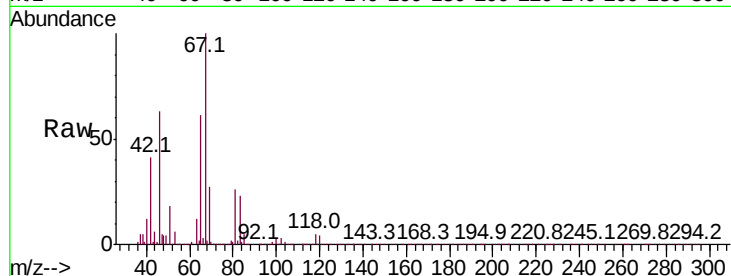




#35
Methylcyclohexane
Concen: 0.677 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026089.D
Acq: 16 Oct 2018 00:35

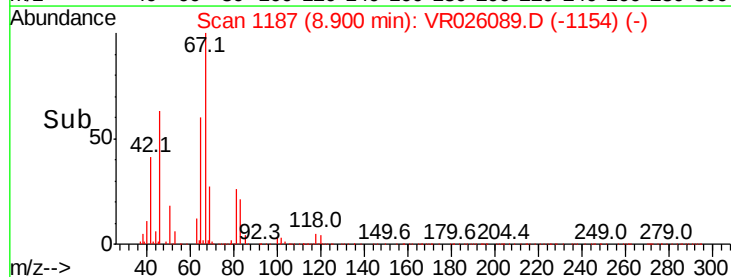
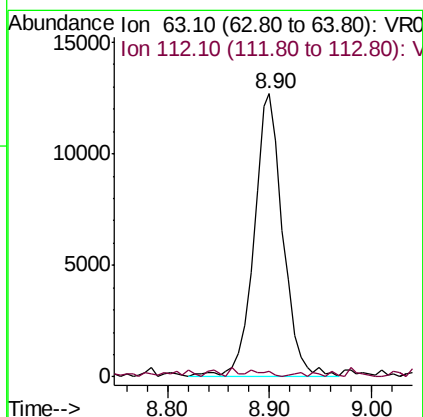
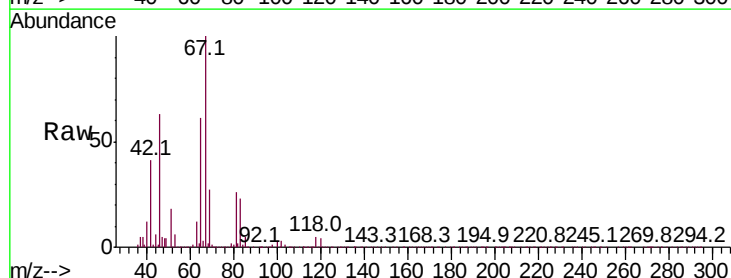
Instrument :
MSVOA_R
ClientSampleId :

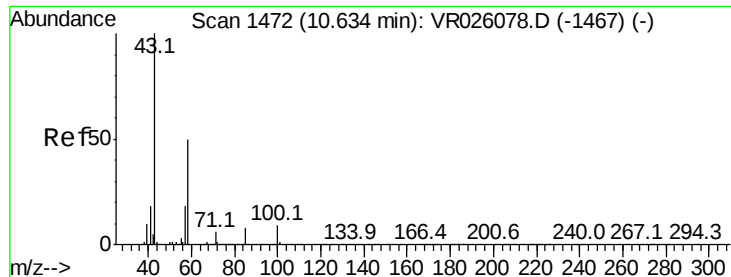
Tot Ion: 83 Resp: 44666
Ion Ratio Lower Upper
83 100
55 2.0 66.8 100.2#
98 2.1 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026089.D
Acq: 16 Oct 2018 00:35

Tgt Ion: 63 Resp: 24911
Ion Ratio Lower Upper
63 100
112 1.6 2.7 4.1#





#48

2-Hexanone

Concen: 3.554 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

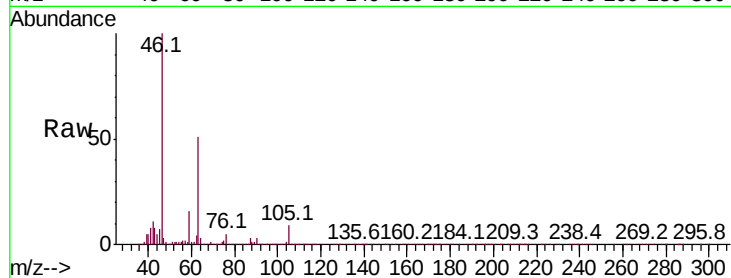
Lab File: VR026089.D

Acq: 16 Oct 2018 00:35

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion: 43 Resp: 25884

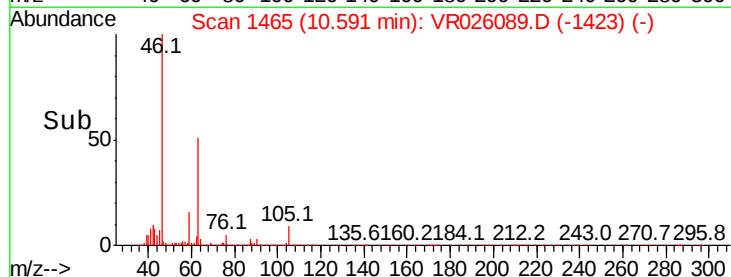
Ion Ratio Lower Upper

43 100

58 27.2 39.6 59.4#

57 26.2 14.0 21.0#

100 3.4 7.0 10.6#



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

