

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011266.D
 Acq On : 07 Jun 2019 02:27
 Operator : SY/MD
 Sample : K3226-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCT6

Quant Time: Jun 07 03:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 07 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162948	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62254	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54499	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	43470	4.24	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	87572	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	149706	53.86	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.72%
24) Chloroform-d	4.40	84	96646	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.08	65	55643	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	204390	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	63790	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	178735	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
43) trans-1,3-Dichloropropene-	7.67	79	20151	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.13	63	113898	51.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43941	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	58092	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

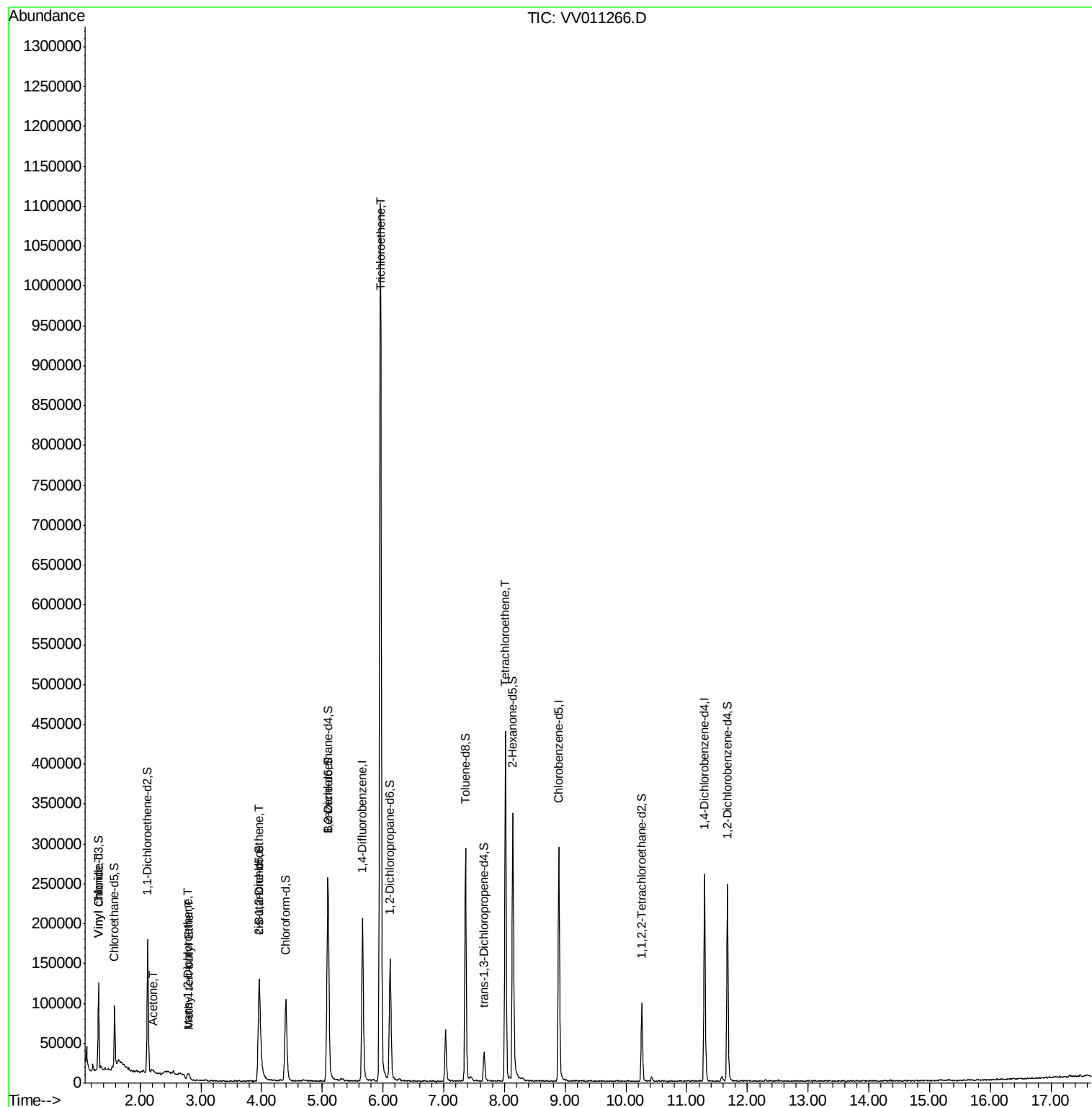
					Ovalue
5) Vinyl chloride	1.32	62	8922	0.595	ug/L 89
13) Acetone	2.22	43	4055	2.176	ug/L 87
17) Methyl tert-butyl Ether	2.81	73	5899	0.215	ug/L 96
18) trans-1,2-Dichloroethene	2.78	96	1581	0.138	ug/L 84
22) cis-1,2-Dichloroethene	3.96	96	27778	2.182	ug/L 97
34) Trichloroethene	5.96	95	370946	29.994	ug/L 99
47) Tetrachloroethene	8.02	164	88489	9.900	ug/L 98

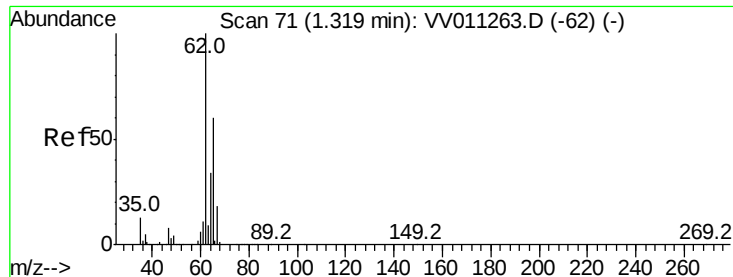
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 02:51:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.595 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV011266.D

Acq: 07 Jun 2019 02:27

Instrument :

MSVOA_V

ClientSampled :

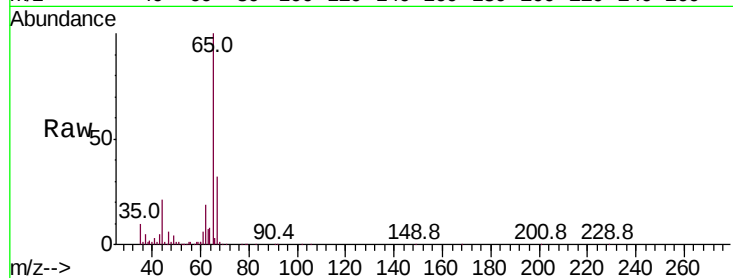
BFCT6

Tot Ion: 62 Resp: 8922

Ion Ratio Lower Upper

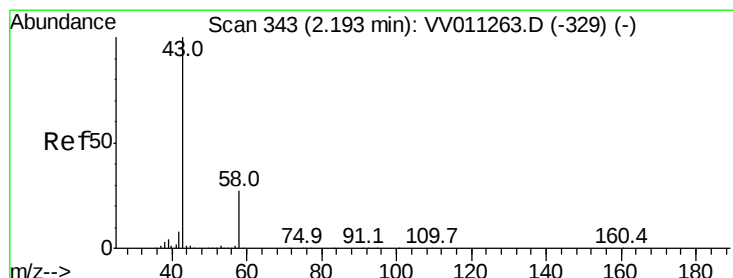
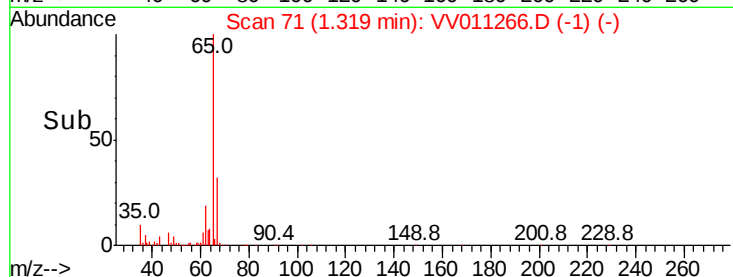
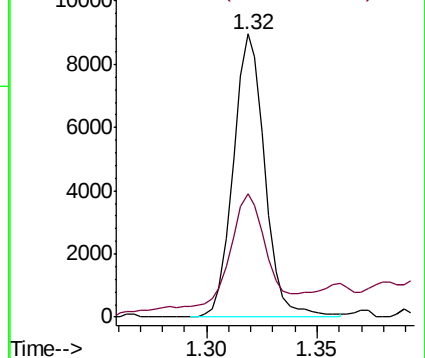
62 100

64 43.4 25.9 48.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#13

Acetone

Concen: 2.176 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.03 min

Lab File: VV011266.D

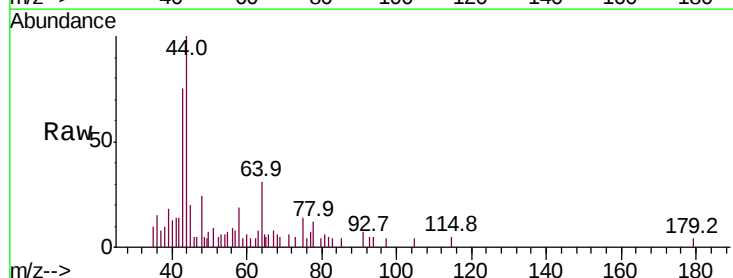
Acq: 07 Jun 2019 02:27

Tgt Ion: 43 Resp: 4055

Ion Ratio Lower Upper

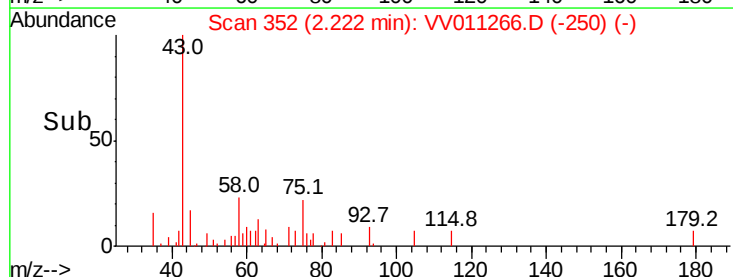
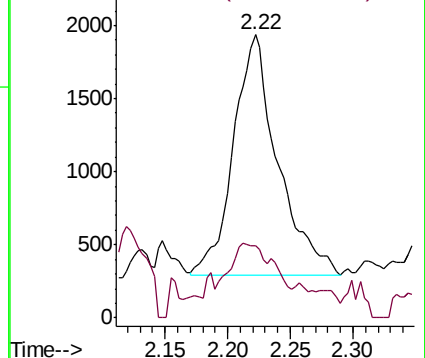
43 100

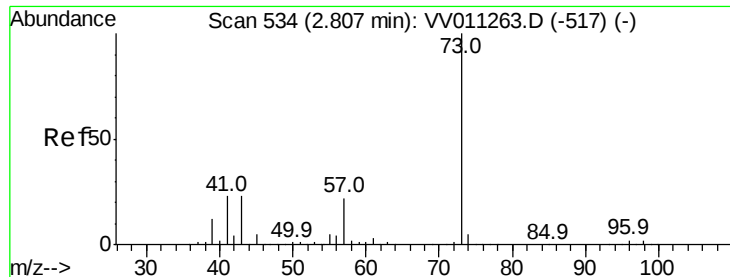
58 20.7 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



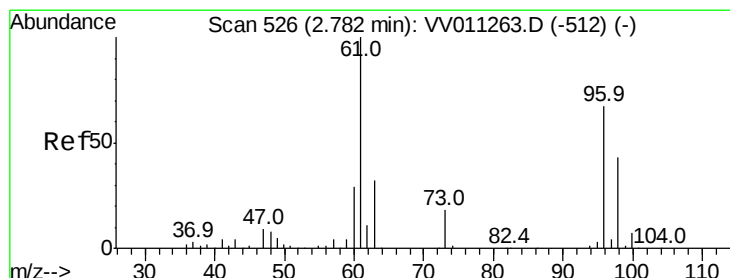
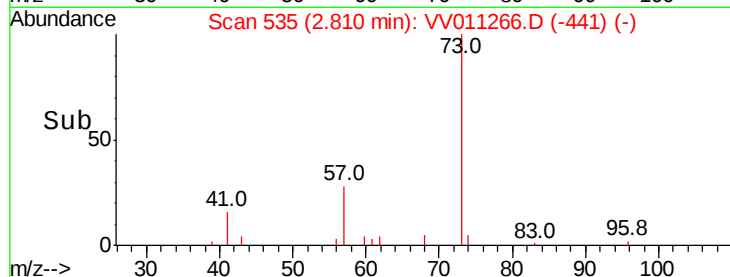
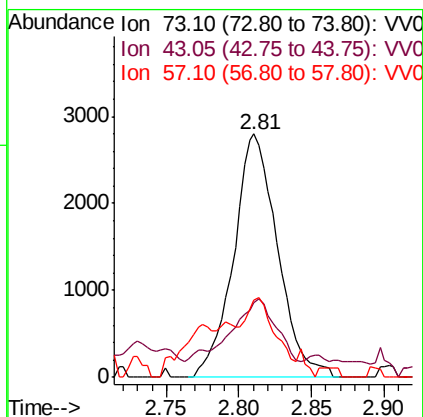
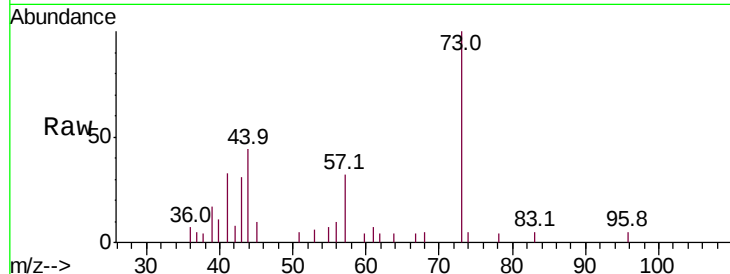


#17

Methvl tert-butvl Ether
 Concen: 0.215 ug/L
 RT: 2.81 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VV011266.D
 Acq: 07 Jun 2019 02:27

Instrument :
 MSVOA_V
 ClientSampled :
 BFCT6

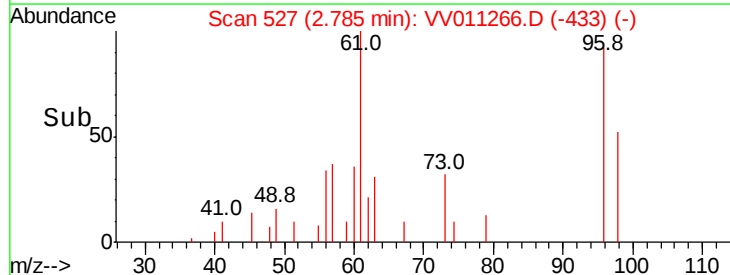
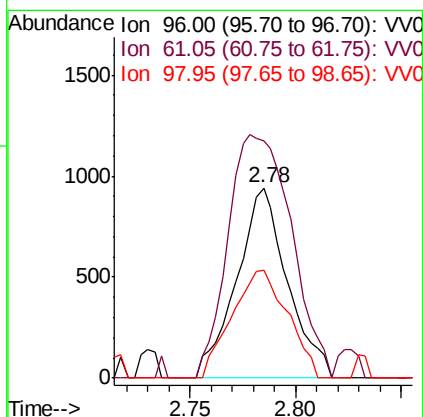
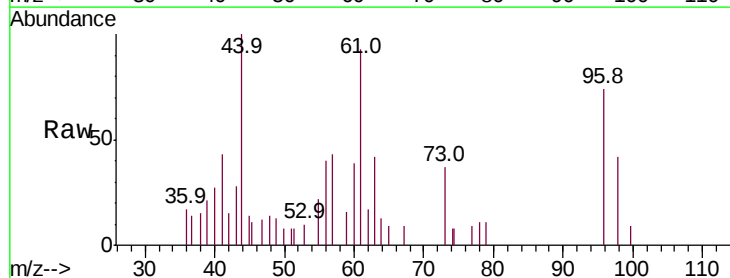
Tot Ion: 73 Resp: 5899
 Ion Ratio Lower Upper
 73 100
 43 25.7 18.7 28.1
 57 21.0 18.1 27.1

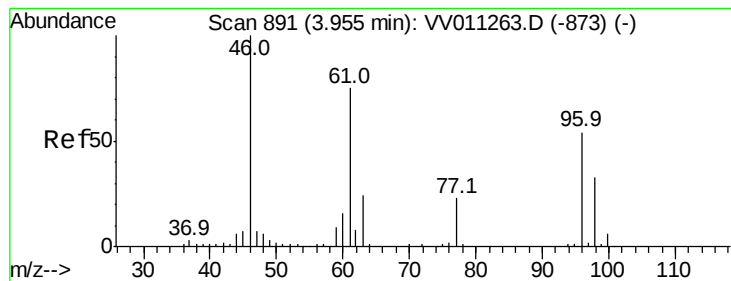


#18

trans-1,2-Dichloroethene
 Concen: 0.138 ug/L
 RT: 2.78 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: VV011266.D
 Acq: 07 Jun 2019 02:27

Tgt Ion: 96 Resp: 1581
 Ion Ratio Lower Upper
 96 100
 61 124.7 104.0 193.2
 98 56.7 45.7 84.9



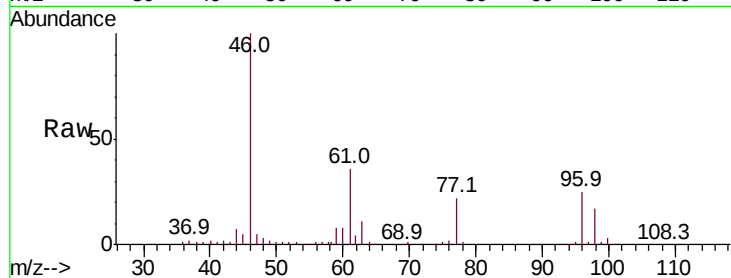


#22

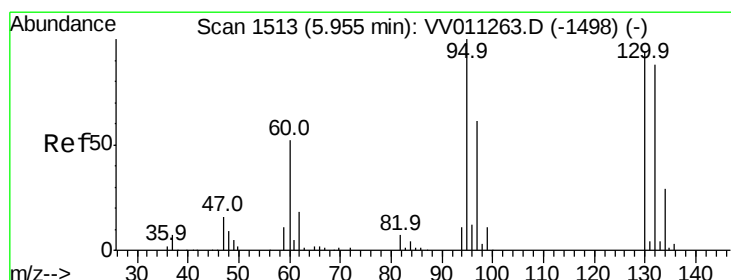
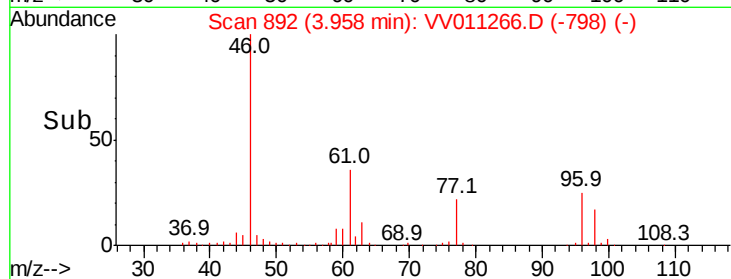
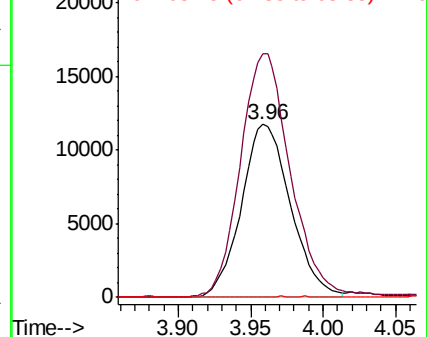
cis-1,2-Dichloroethene
Concen: 2.182 ug/L
RT: 3.96 min Scan# 892
Delta R.T. 0.00 min
Lab File: VV011266.D
Acq: 07 Jun 2019 02:27

Instrument :
MSVOA_V
ClientSampleId :
BFCT6

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.8	100.8	187.2
68	0.0	0.0	0.0



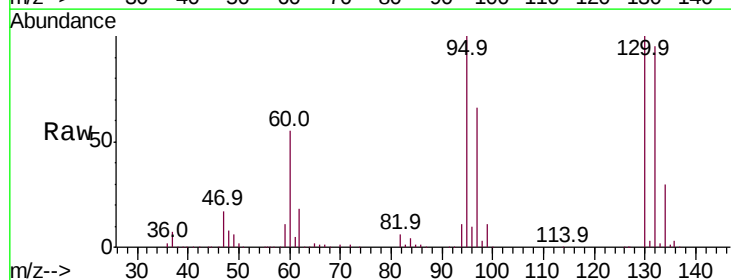
Abundance Ion 96.00 (95.70 to 96.70): VV011266.D (-798) (-)
Ion 61.05 (60.75 to 61.75): VV011266.D (-798) (-)
Ion 68.15 (67.85 to 68.85): VV011266.D (-798) (-)



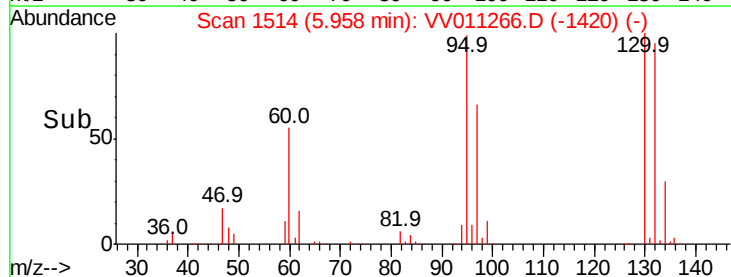
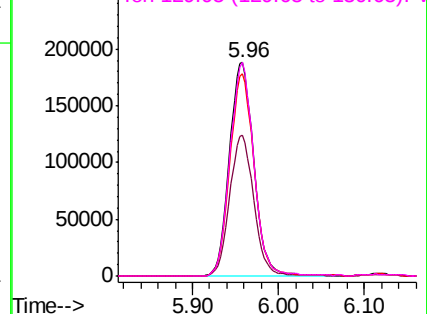
#34

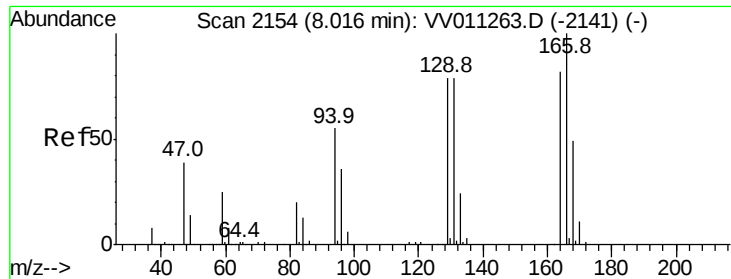
Trichloroethene
Concen: 29.994 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV011266.D
Acq: 07 Jun 2019 02:27

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.8	85.2
132	94.9	66.4	123.2
130	100.2	68.3	126.8



Abundance Ion 95.00 (94.70 to 95.70): VV011266.D (-1420) (-)
Ion 96.95 (96.65 to 97.65): VV011266.D (-1420) (-)
Ion 131.95 (131.65 to 132.65): VV011266.D (-1420) (-)
Ion 129.95 (129.65 to 130.65): VV011266.D (-1420) (-)

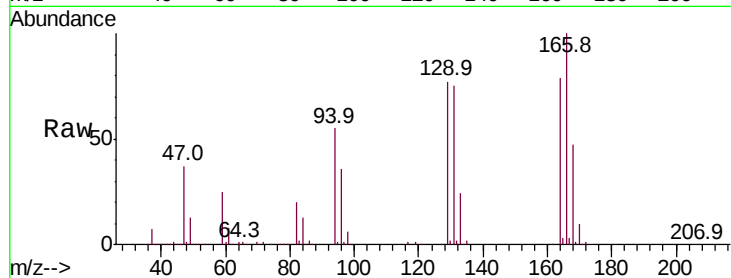




#47
Tetrachloroethene
Concen: 9.900 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV011266.D
Acq: 07 Jun 2019 02:27

Instrument :
MSVOA_V
ClientSampleId :
BFCT6

Tot Ion:164 Resp: 88489
Ion Ratio Lower Upper
164 100
129 97.4 69.9 129.9
131 94.8 66.8 124.2
166 127.0 90.2 167.6



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

