

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060619\
 Data File : VV011309.D
 Acq On : 08 Jun 2019 02:30
 Operator : SY/MD
 Sample : K3226-14
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCQ2

Quant Time: Jun 08 05:34:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 08 05:28:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	164209	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150131	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44140	3.55	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.00%
7) Chloroethane-d5	1.55	69	37524	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	2.12	63	71909	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	3.94	46	148435	52.99	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.98%
24) Chloroform-d	4.40	84	91865	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.08	65	52362	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.09	84	177985	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.11	67	57269	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.36	98	154801	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	7.66	79	16360	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.13	63	113119	50.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43663	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	52863	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

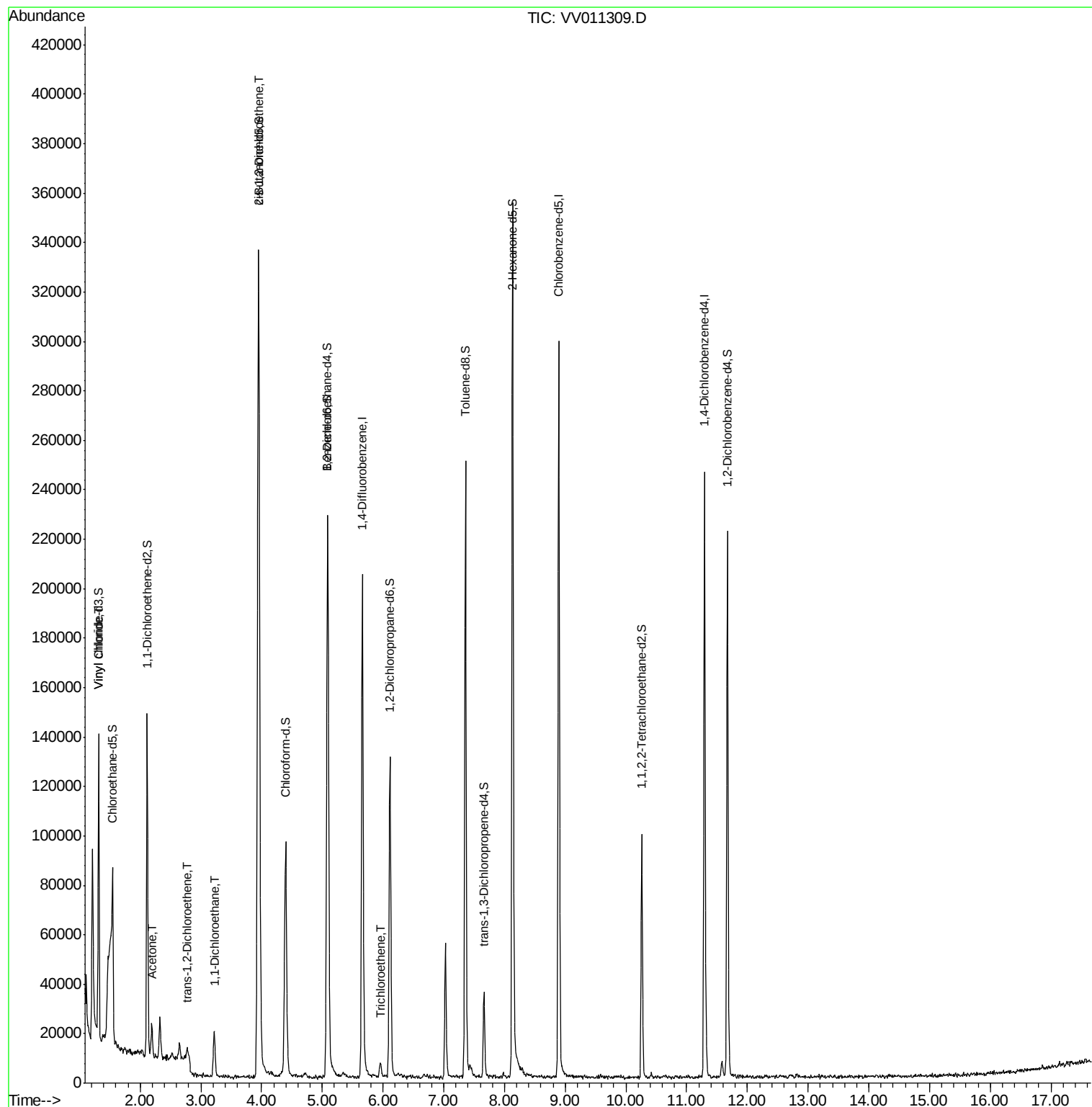
					Ovalue
5) Vinyl chloride	1.32	62	24335	1.611 ug/L #	65
13) Acetone	2.19	43	4140	2.204 ug/L	91
18) trans-1,2-Dichloroethene	2.78	96	1495	0.129 ug/L	85
19) 1,1-Dichloroethane	3.22	63	17477	0.765 ug/L	95
22) cis-1,2-Dichloroethene	3.95	96	133851	10.434 ug/L	97
34) Trichloroethene	5.96	95	1914	0.155 ug/L	87

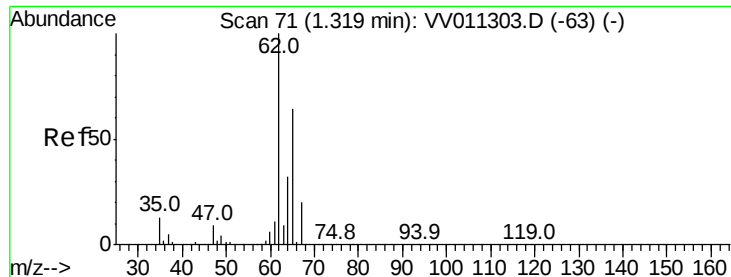
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.611 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV011309.D

Acq: 08 Jun 2019 02:30

Instrument :

MSVOA_V

ClientSampleId :

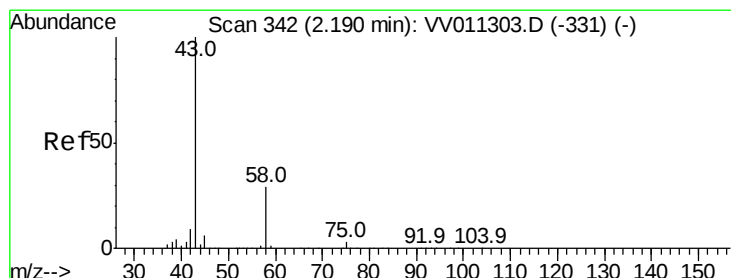
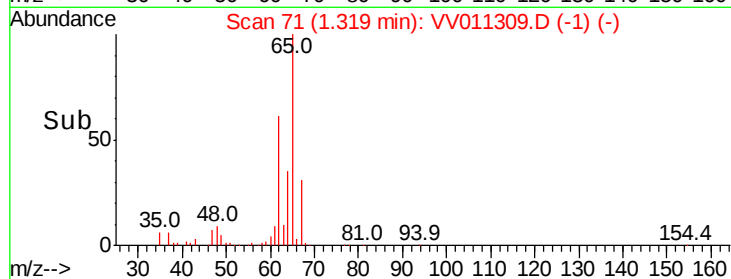
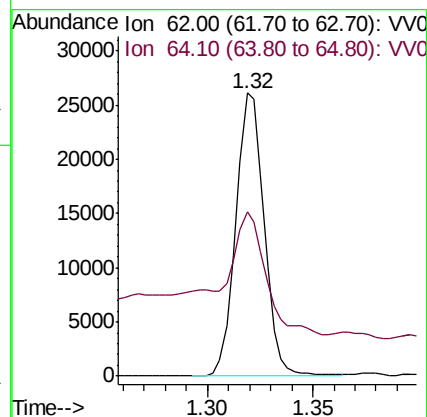
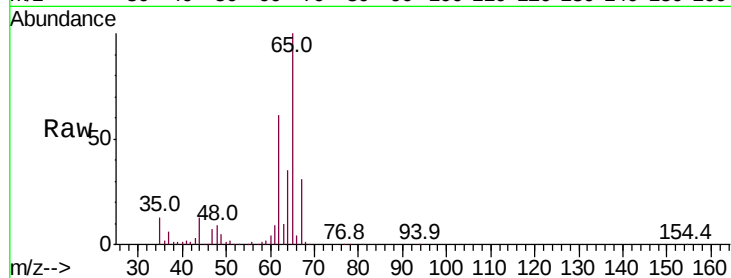
BFCQ2

Tot Ion: 62 Resp: 24335

Ion Ratio Lower Upper

62 100

64 58.0 25.9 48.1#



#13

Acetone

Concen: 2.204 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV011309.D

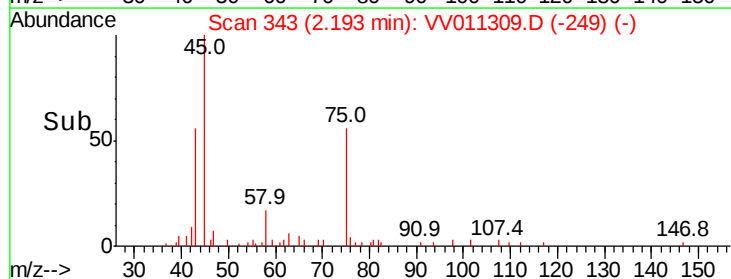
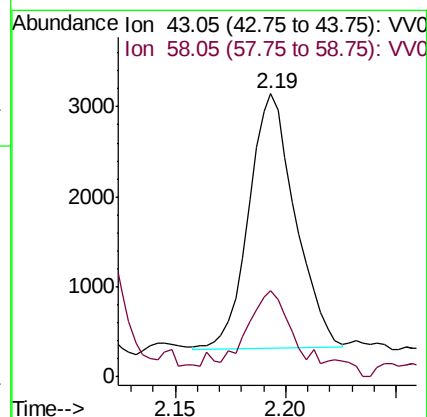
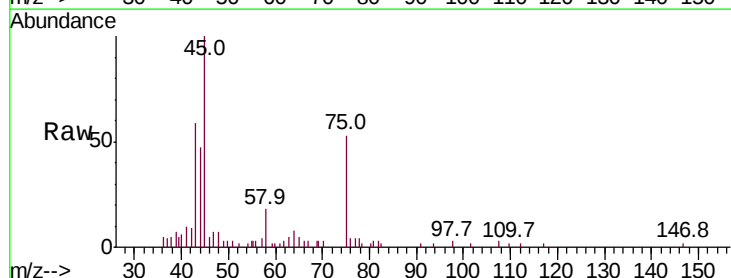
Acq: 08 Jun 2019 02:30

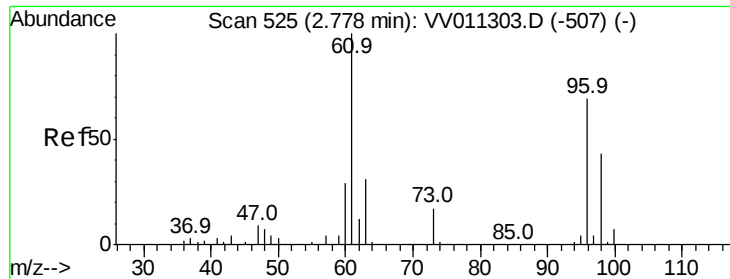
Tgt Ion: 43 Resp: 4140

Ion Ratio Lower Upper

43 100

58 23.1 0.0 55.2

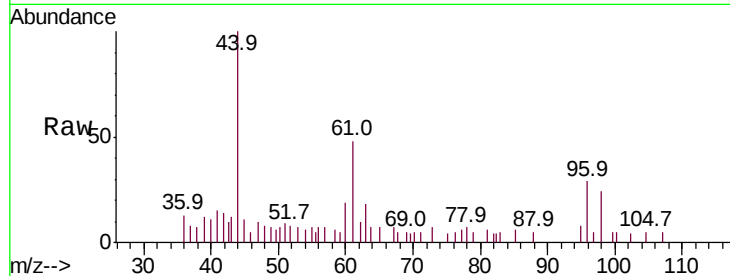




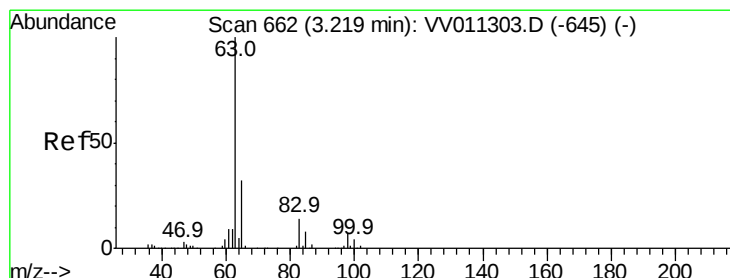
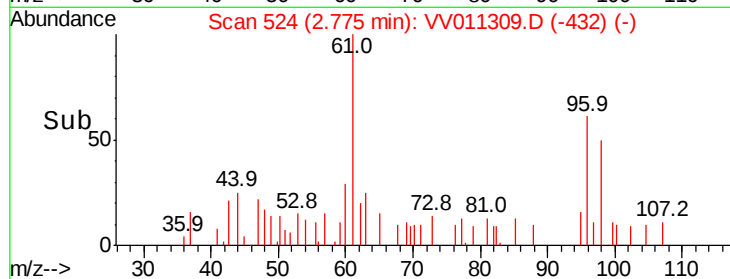
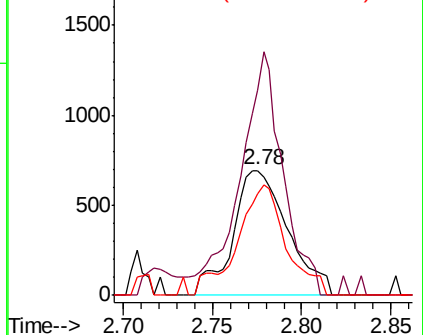
#18
trans-1,2-Dichloroethene
Concen: 0.129 ug/L
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV011309.D
Acq: 08 Jun 2019 02:30

Instrument :
MSVOA_V
ClientSampleId :
BFCQ2

Tot Ion: 96 Resp: 1495
Ion Ratio Lower Upper
96 100
61 164.5 104.0 193.2
98 81.7 45.7 84.9

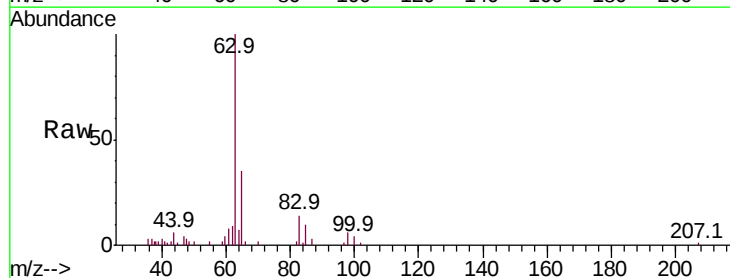


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

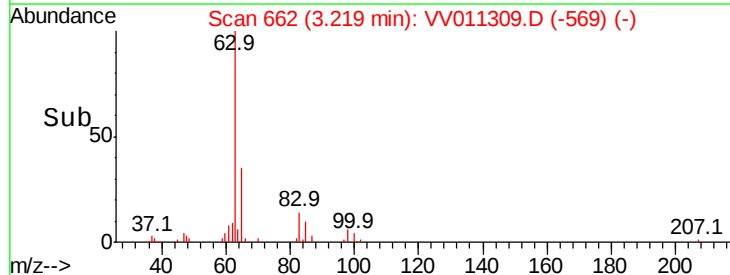
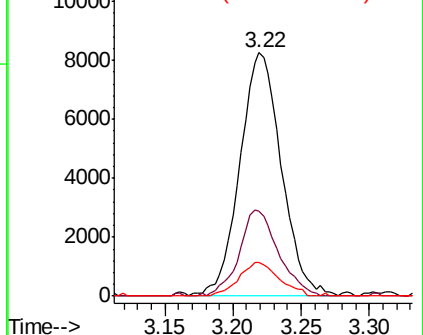


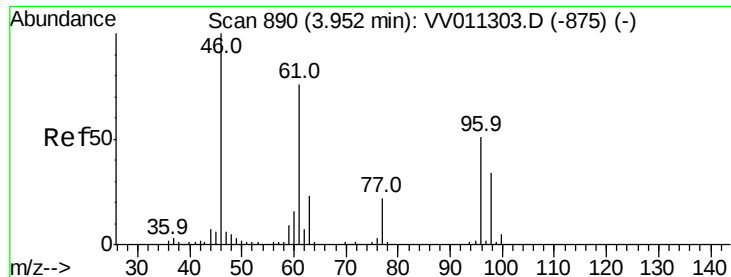
#19
1,1-Dichloroethane
Concen: 0.765 ug/L
RT: 3.22 min Scan# 662
Delta R.T. 0.00 min
Lab File: VV011309.D
Acq: 08 Jun 2019 02:30

Tgt Ion: 63 Resp: 17477
Ion Ratio Lower Upper
63 100
65 34.9 22.1 41.1
83 13.9 9.2 17.0



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0





#22

cis-1,2-Dichloroethene

Concen: 10.434 ug/L

RT: 3.95 min Scan# 890

Delta R.T. 0.00 min

Lab File: VV011309.D

Acq: 08 Jun 2019 02:30

Instrument :

MSVOA_V

ClientSampled :

BFCQ2

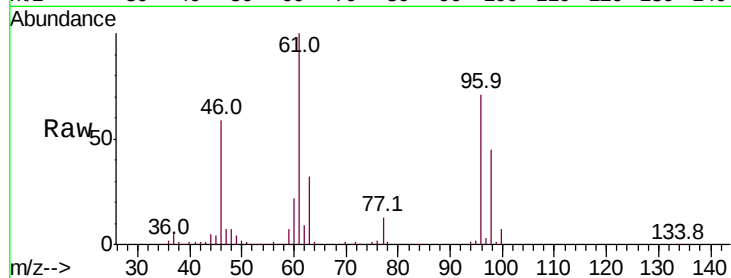
Tot Ion: 96 Resp: 133851

Ion Ratio Lower Upper

96 100

61 140.3 100.8 187.2

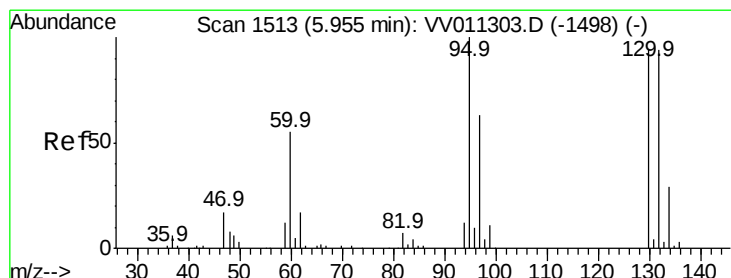
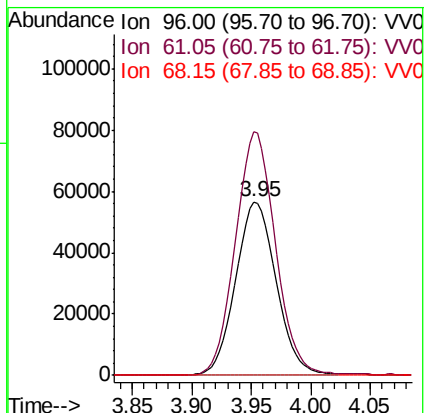
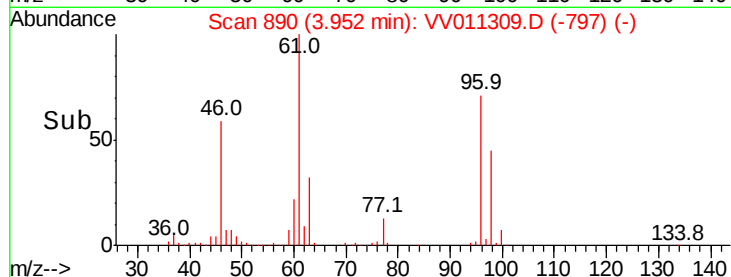
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV011303.D (-875) (-)

Ion 61.05 (60.75 to 61.75): VV011303.D (-875) (-)

Ion 68.15 (67.85 to 68.85): VV011303.D (-875) (-)



#34

Trichloroethene

Concen: 0.155 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV011309.D

Acq: 08 Jun 2019 02:30

Tgt Ion: 95 Resp: 1914

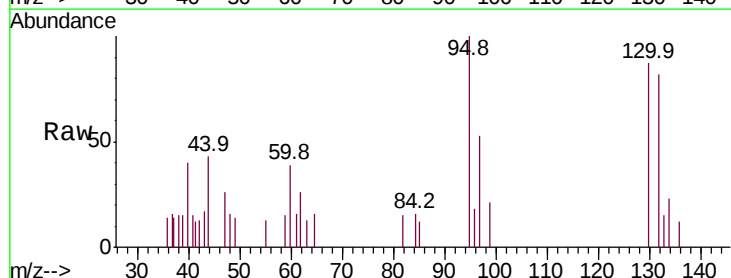
Ion Ratio Lower Upper

95 100

97 53.2 45.8 85.2

132 82.2 66.4 123.2

130 87.1 68.3 126.8



Abundance Ion 95.00 (94.70 to 95.70): VV011303.D (-1498) (-)

Ion 96.95 (96.65 to 97.65): VV011303.D (-1498) (-)

Ion 131.95 (131.65 to 132.65): VV011303.D (-1498) (-)

Ion 129.95 (129.65 to 130.65): VV011303.D (-1498) (-)

