

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082518\
 Data File : VV007201.D
 Acq On : 25 Aug 2018 14:03
 Operator : SY/MD
 Sample : J4622-01 10X
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 27 01:25:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 01:23:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	667894	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	669825	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	287932	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	215602	45.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.92%
7) Chloroethane-d5	1.58	69	183235	48.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.34%
11) 1,1-Dichloroethene-d2	2.13	63	301426	36.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.86%
21) 2-Butanone-d5	3.96	46	392982	112.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.40%
24) Chloroform-d	4.41	84	448675	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
26) 1,2-Dichloroethane-d4	5.09	65	284942	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.48%
32) Benzene-d6	5.11	84	911568	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.12	67	301575	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.60%
41) Toluene-d8	7.37	98	755276	45.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.18%
43) trans-1,3-Dichloropropene-	7.67	79	127204	46.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.24%
47) 2-Hexanone-d5	8.14	63	201694	102.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.37%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	413386	49.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	302815	50.39	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.78%

Target Compounds

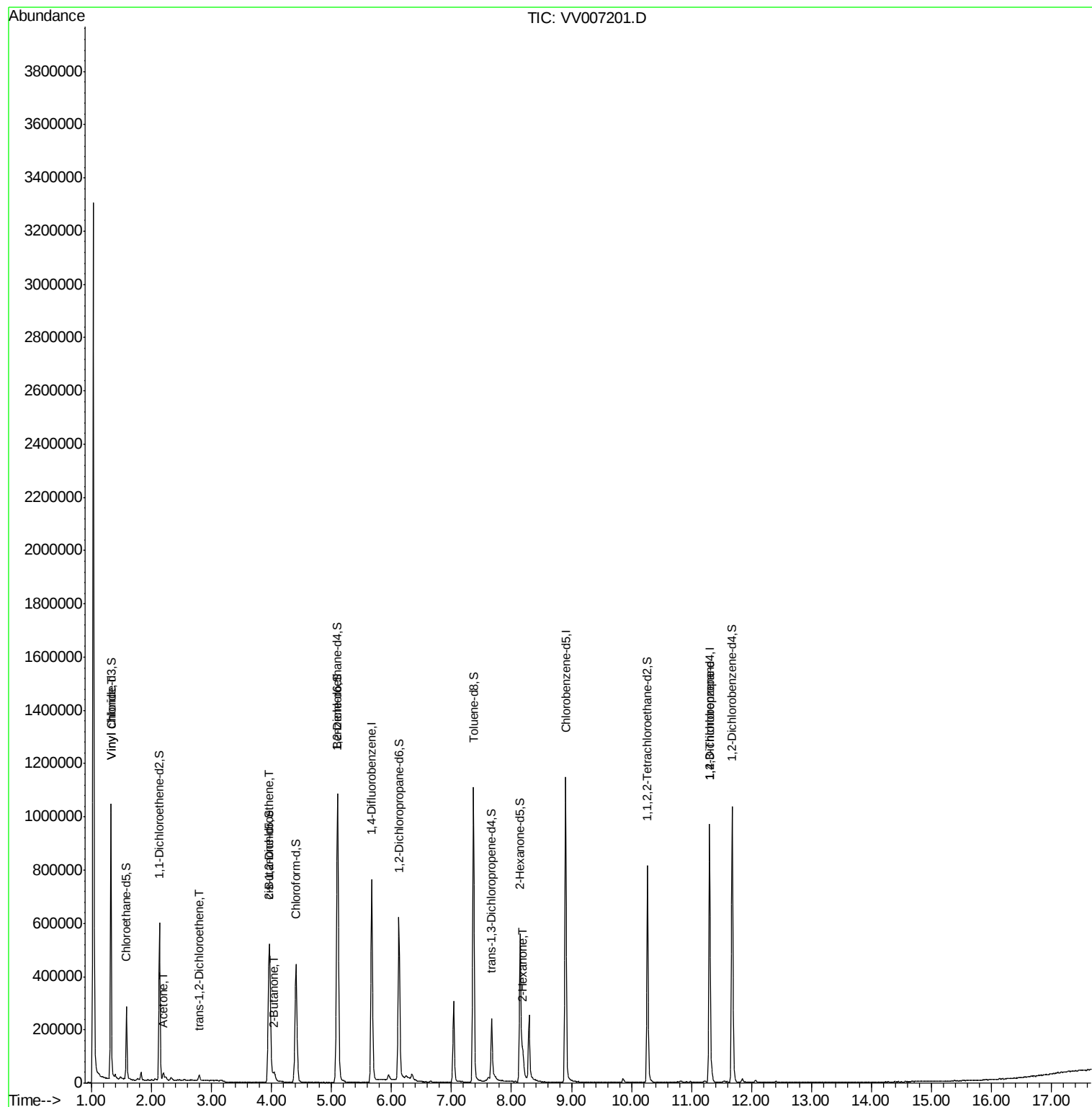
					Ovalue
5) Vinyl chloride	1.32	62	481740	85.788	ug/L 100
13) Acetone	2.20	43	24594	9.528	ug/L 96
17) trans-1,2-Dichloroethene	2.80	96	7114	1.597	ug/L 94
20) cis-1,2-Dichloroethene	3.97	96	181723	34.872	ug/L 99
22) 2-Butanone	4.04	43	38393	9.555	ug/L 96
48) 2-Hexanone	8.19	43	49040	9.679	ug/L # 89
59) 1,2,3-Trichloropropane	11.30	75	32641	4.837	ug/L 91

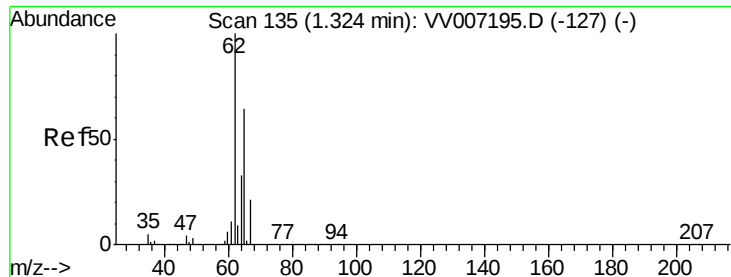
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 27 01:23:53 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 85.788 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV007201.D

Acq: 25 Aug 2018 14:03

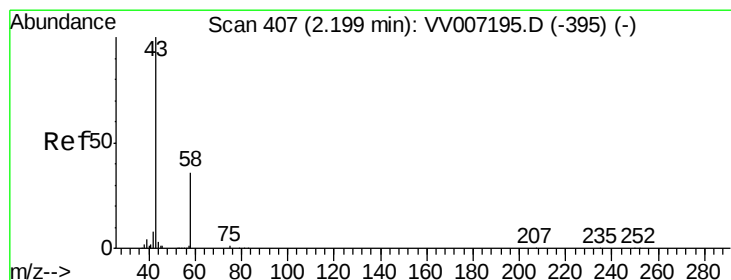
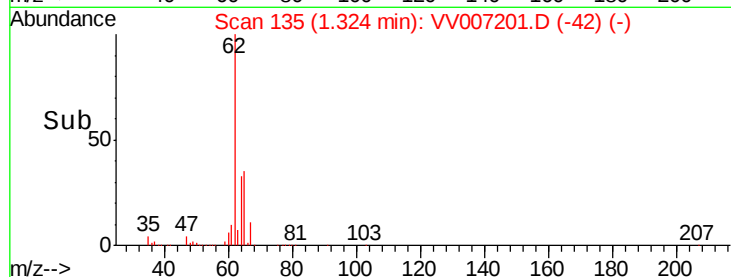
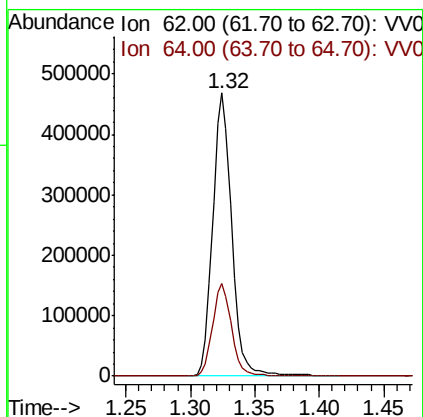
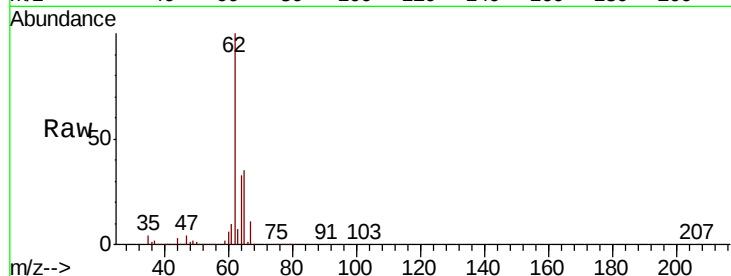
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 481740

Ion Ratio Lower Upper

62 100

64 32.5 22.9 42.5



#13

Acetone

Concen: 9.528 ug/L

RT: 2.20 min Scan# 407

Delta R.T. 0.00 min

Lab File: VV007201.D

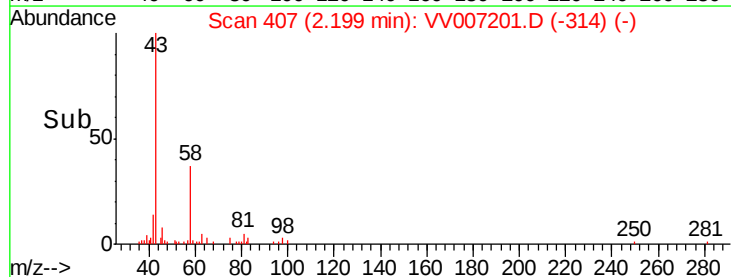
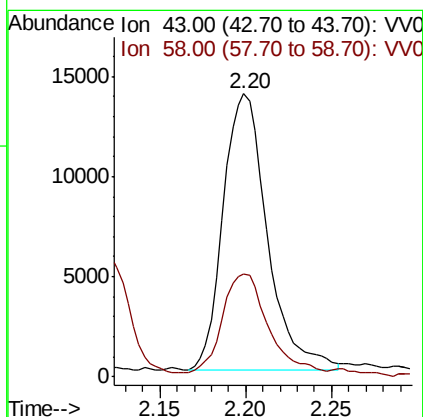
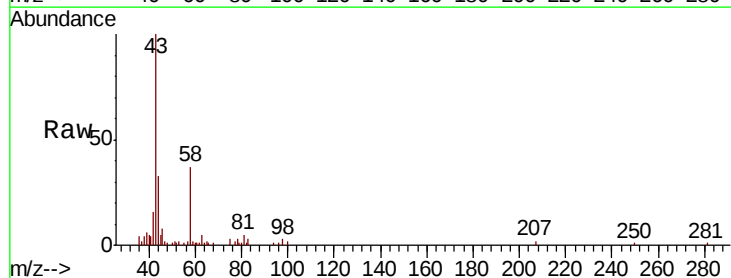
Acq: 25 Aug 2018 14:03

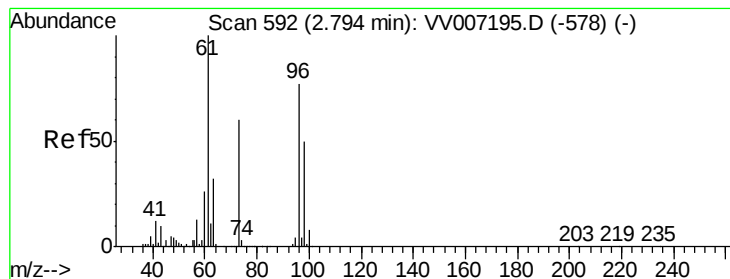
Tgt Ion: 43 Resp: 24594

Ion Ratio Lower Upper

43 100

58 38.3 0.0 72.0





#17

trans-1,2-Dichloroethene

Concen: 1.597 ug/L

RT: 2.80 min Scan# 593

Delta R.T. 0.00 min

Lab File: VV007201.D

Acq: 25 Aug 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

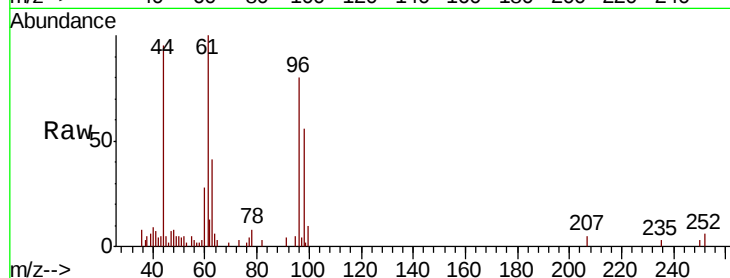
Tot Ion: 96 Resp: 7114

Ion Ratio Lower Upper

96 100

61 124.7 90.6 168.2

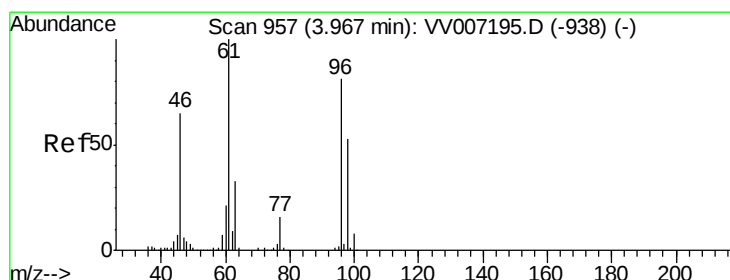
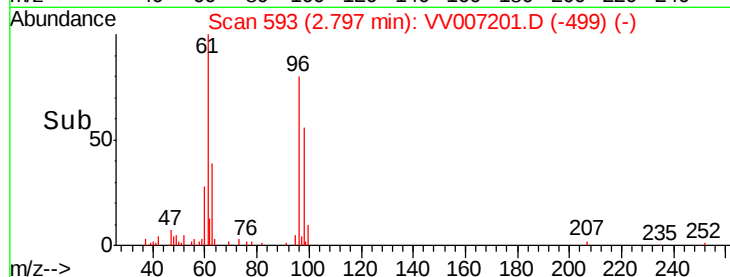
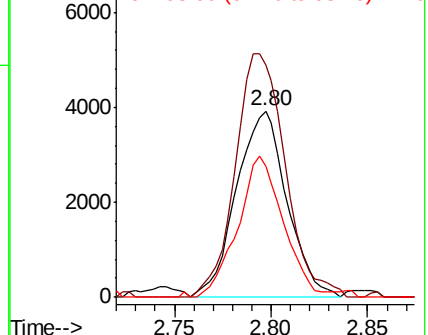
98 70.0 43.8 81.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 34.872 ug/L

RT: 3.97 min Scan# 957

Delta R.T. 0.00 min

Lab File: VV007201.D

Acq: 25 Aug 2018 14:03

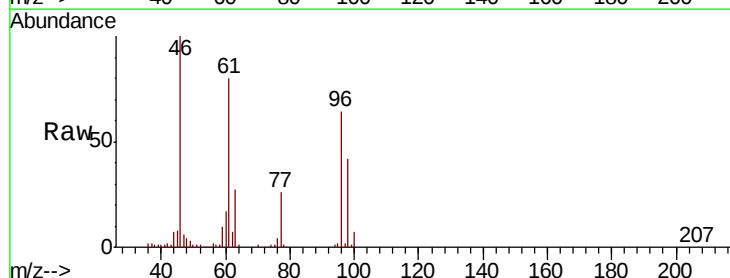
Tgt Ion: 96 Resp: 181723

Ion Ratio Lower Upper

96 100

61 125.1 88.2 163.8

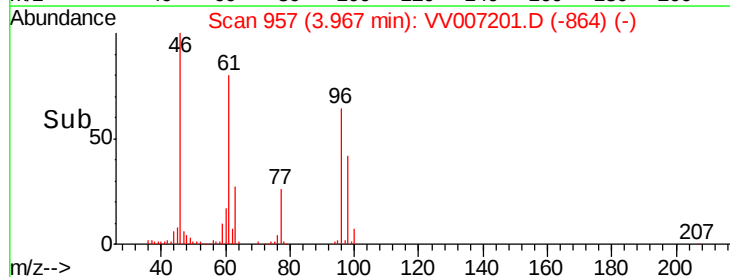
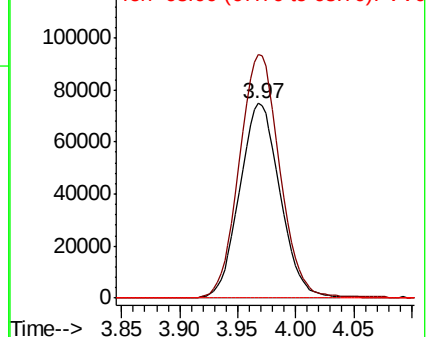
68 0.0 0.0 0.0

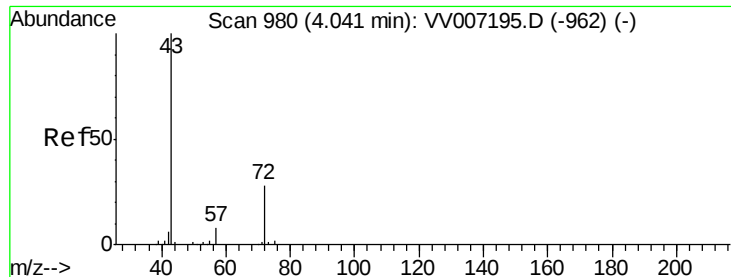


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 9.555 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.00 min

Lab File: VV007201.D

Acq: 25 Aug 2018 14:03

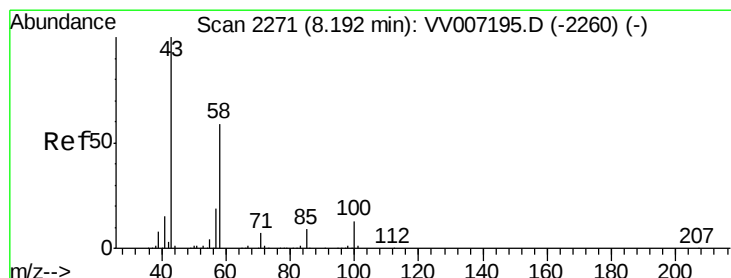
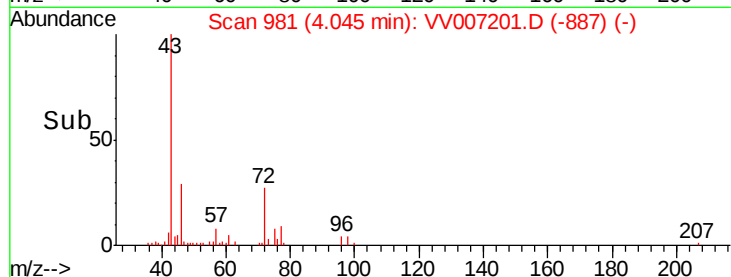
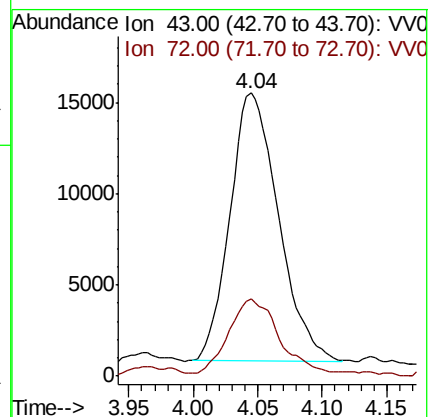
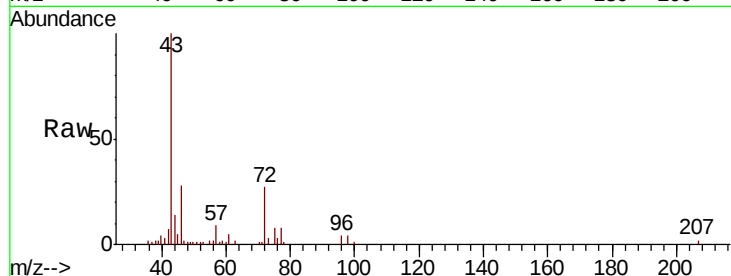
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 38393

Ion Ratio Lower Upper

43 100

72 28.6 13.4 40.1



#48

2-Hexanone

Concen: 9.679 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. 0.00 min

Lab File: VV007201.D

Acq: 25 Aug 2018 14:03

Tgt Ion: 43 Resp: 49040

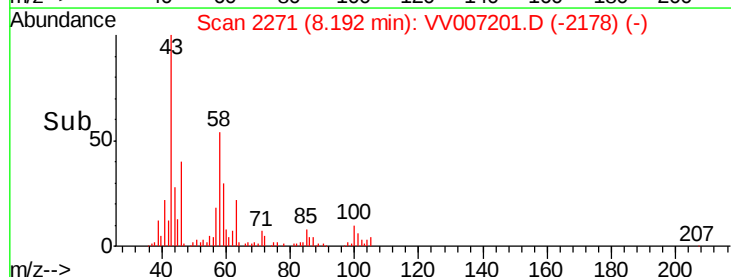
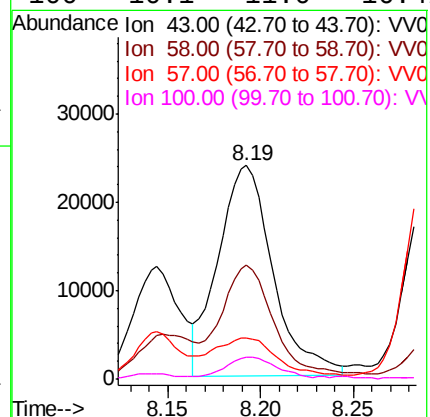
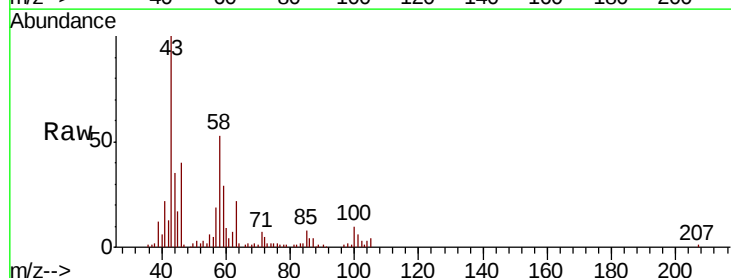
Ion Ratio Lower Upper

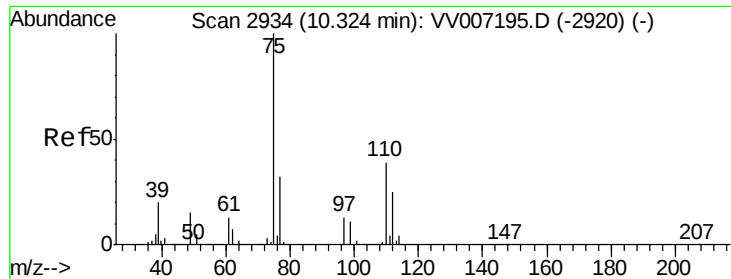
43 100

58 48.3 47.3 70.9

57 18.5 16.5 24.7

100 10.1 11.0 16.4#





#59

1,2,3-Trichloropropane

Concen: 4.837 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007201.D

Acq: 25 Aug 2018 14:03

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 32641

Ion Ratio Lower Upper

75 100

77 35.6 24.6 37.0

