

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007319.D
 Acq On : 31 Aug 2018 23:13
 Operator : SY/MD
 Sample : J4665-14DL 10X
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9DL

Quant Time: Sep 01 01:01:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 01 01:00:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	623943	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	597249	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	221529	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196649	52.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.30%
7) Chloroethane-d5	1.58	69	134638	56.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.42%
11) 1,1-Dichloroethene-d2	2.13	63	259359	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	3.97	46	264185	86.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.64%
24) Chloroform-d	4.41	84	374930	46.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.18%
26) 1,2-Dichloroethane-d4	5.09	65	233536	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.11	84	766186	47.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.48%
36) 1,2-Dichloropropane-d6	6.12	67	254305	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.58%
41) Toluene-d8	7.37	98	634797	44.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.46%
43) trans-1,3-Dichloropropene-	7.67	79	101460	42.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.50%
47) 2-Hexanone-d5	8.15	63	161390	81.40	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	325764	44.94	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.88%
64) 1,2-Dichlorobenzene-d4	11.68	152	228210	51.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.54%

Target Compounds

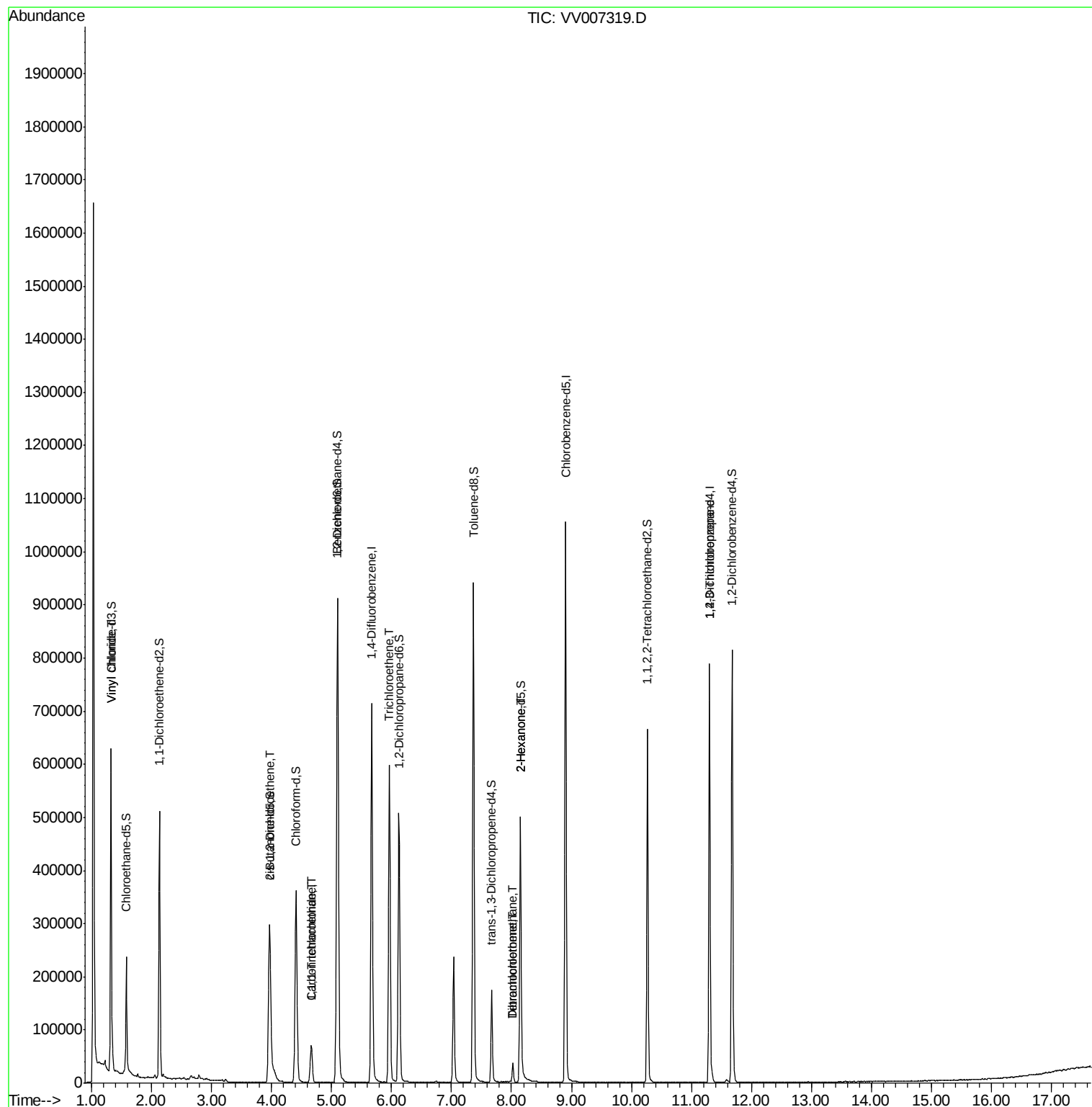
					Qvalue
5) Vinyl chloride	1.32	62	260089	51.431 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	93630	19.943 ug/L	96
30) 1,1,1-Trichloroethane	4.67	97	57350	8.437 ug/L	100
31) Carbon tetrachloride	4.67	117	7593	1.294 ug/L	96
34) Trichloroethene	5.96	95	209652	47.832 ug/L	98
46) Tetrachloroethene	8.02	164	8098	2.204 ug/L	94
48) 2-Hexanone	8.15	43	22593	5.012 ug/L #	74
49) Dibromochloromethane	8.02	129	7468	1.565 ug/L #	11
59) 1,2,3-Trichloropropane	11.30	75	23679	4.086 ug/L #	88

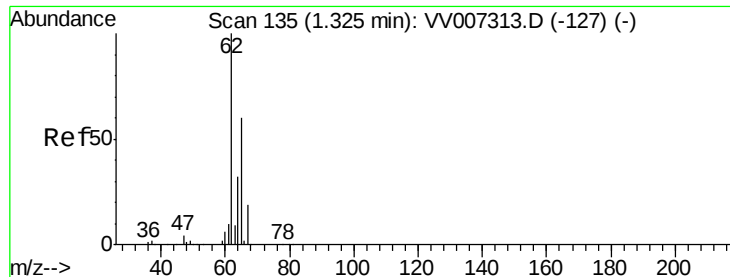
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 01 01:00:35 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 51.431 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

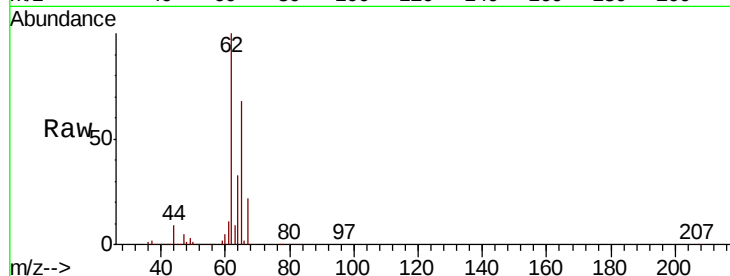
E0AA9DL

Tgt Ion: 62 Resp: 260089

Ion Ratio Lower Upper

62 100

64 32.7 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

250000

200000

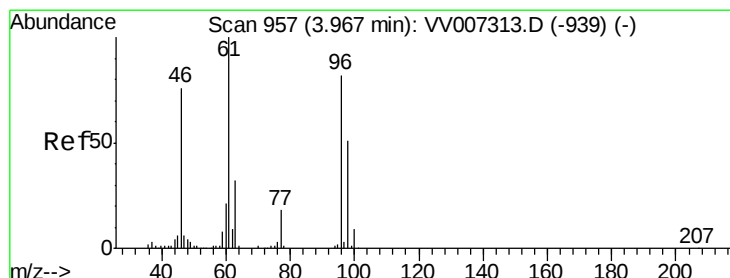
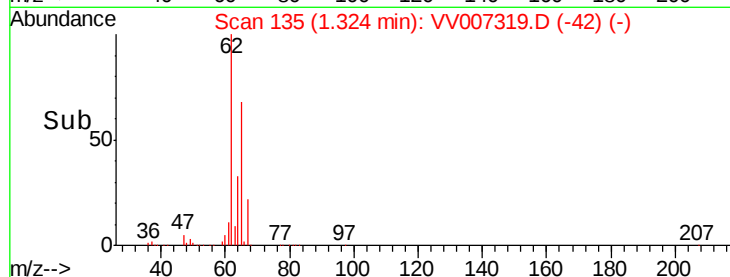
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#20

cis-1,2-Dichloroethene

Concen: 19.943 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

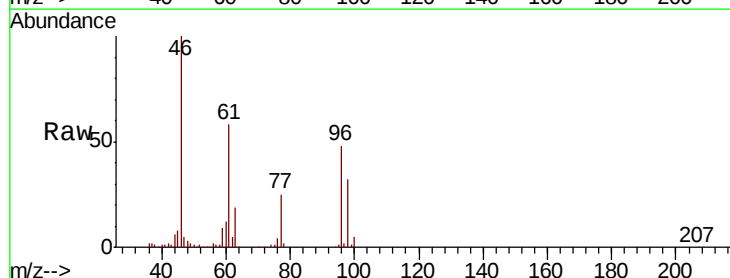
Tgt Ion: 96 Resp: 93630

Ion Ratio Lower Upper

96 100

61 121.5 88.4 164.2

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

60000

50000

40000

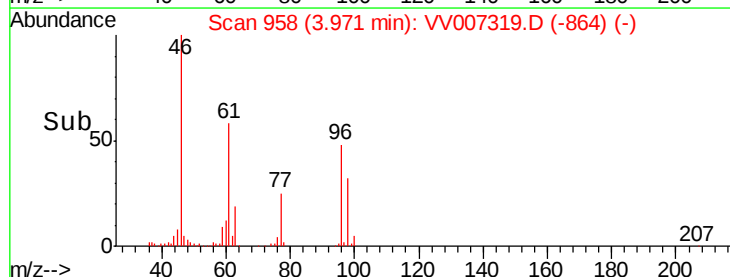
30000

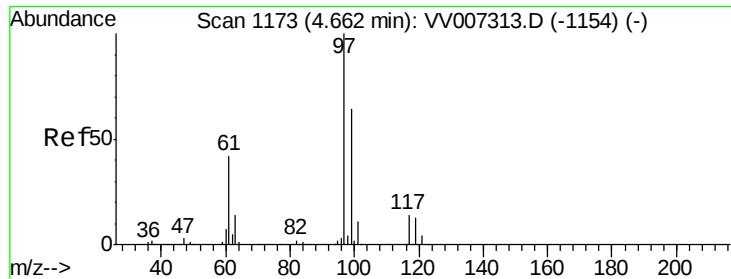
20000

10000

0

Time--> 3.90 3.95 4.00 4.05

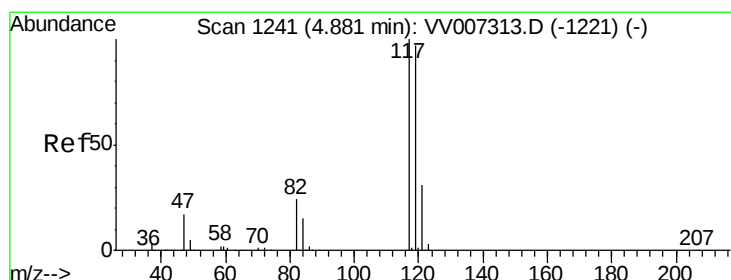
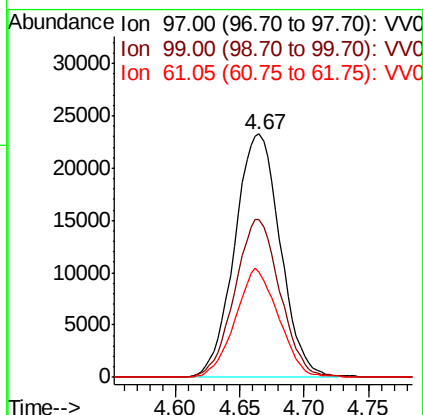
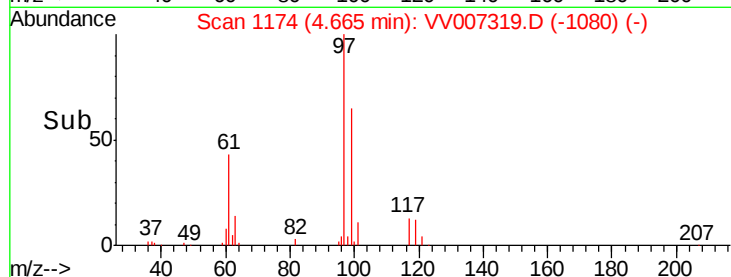
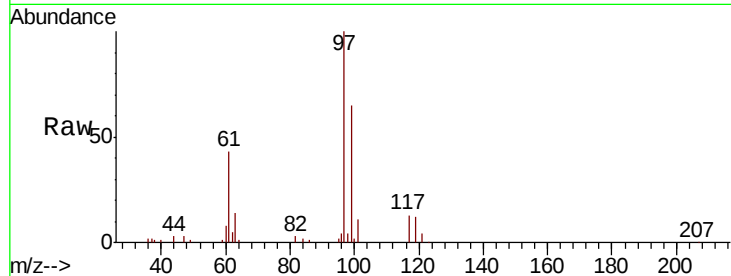




#30
 1,1,1-Trichloroethane
 Concen: 8.437 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VV007319.D
 Acq: 31 Aug 2018 23:13

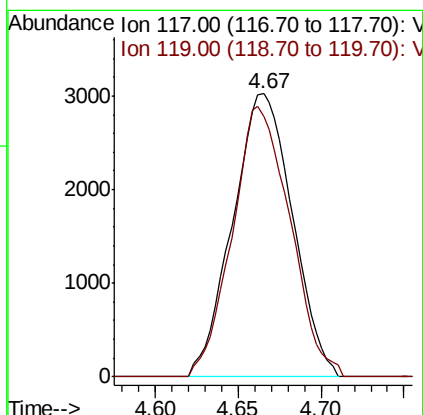
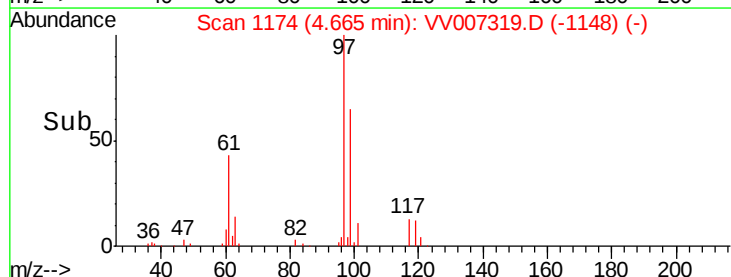
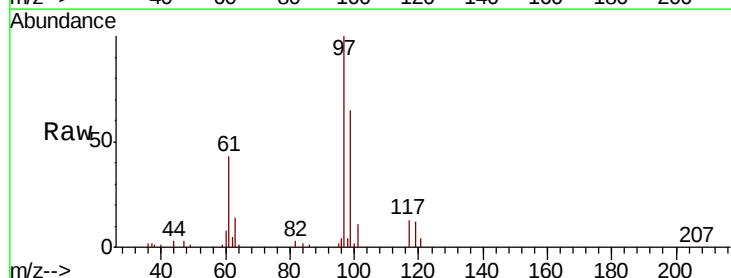
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA9DL

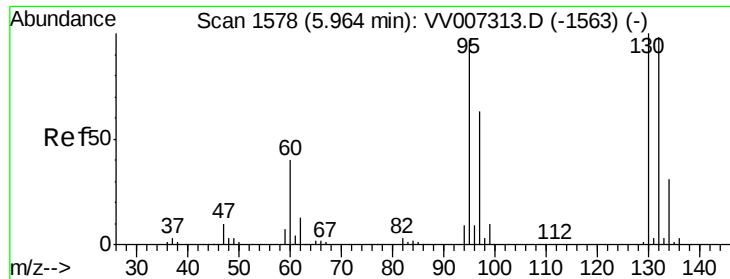
Tgt Ion: 97 Resp: 57350
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.4 77.0
 61 42.6 34.6 51.8



#31
 Carbon tetrachloride
 Concen: 1.294 ug/L
 RT: 4.67 min Scan# 1174
 Delta R.T. -0.22 min
 Lab File: VV007319.D
 Acq: 31 Aug 2018 23:13

Tgt Ion: 117 Resp: 7593
 Ion Ratio Lower Upper
 117 100
 119 92.1 77.1 115.7





#34

Trichloroethene

Concen: 47.832 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

E0AA9DL

Tgt Ion: 95 Resp: 209652

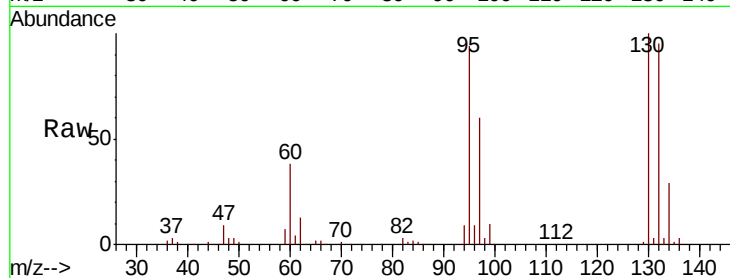
Ion Ratio Lower Upper

95 100

97 63.7 45.1 83.9

132 100.3 68.3 126.9

130 105.9 72.4 134.5

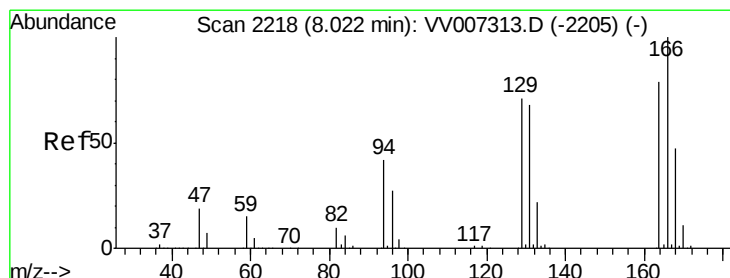
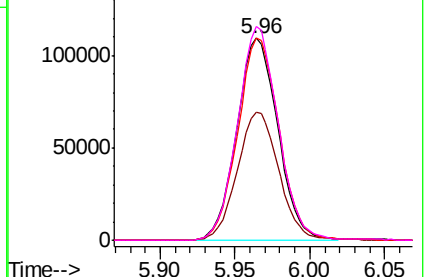
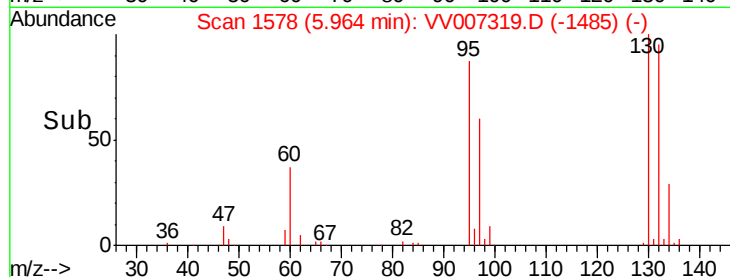


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 2.204 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Tgt Ion: 164 Resp: 8098

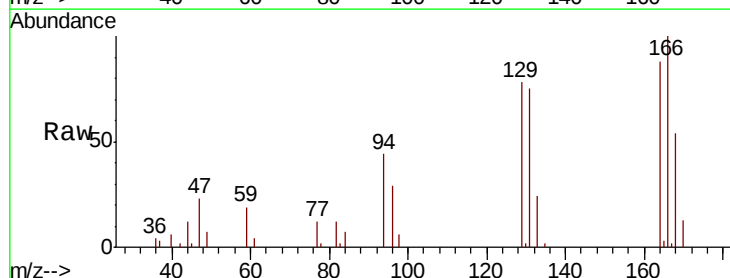
Ion Ratio Lower Upper

164 100

129 88.5 64.5 119.7

131 85.8 61.2 113.8

166 113.9 89.1 165.5

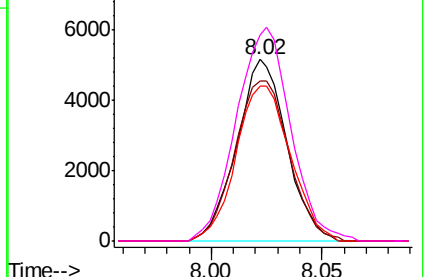
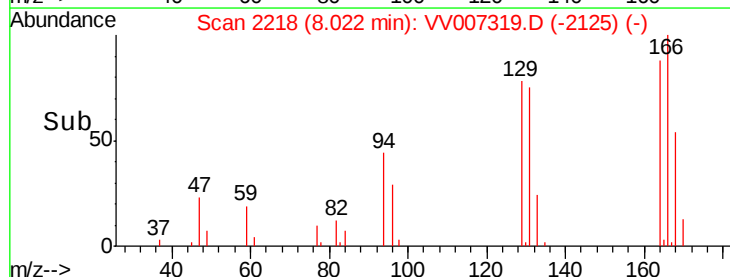


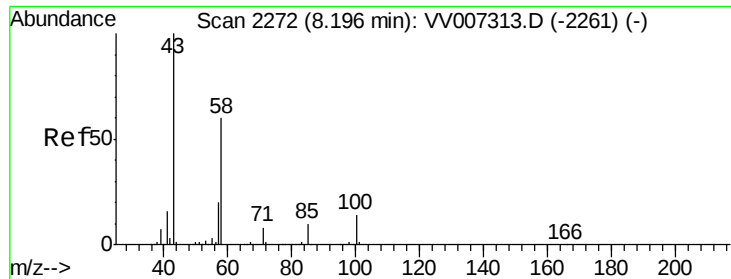
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

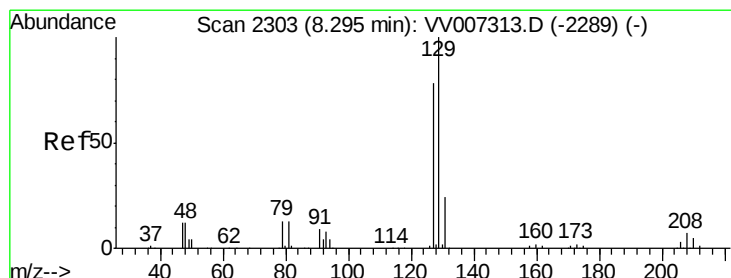
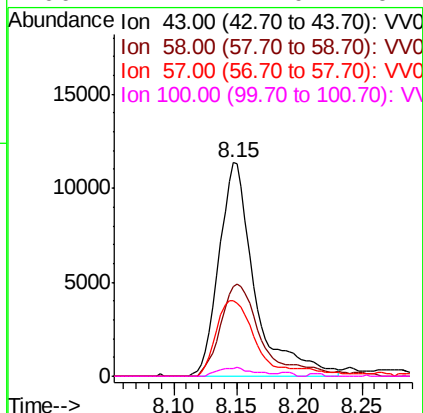
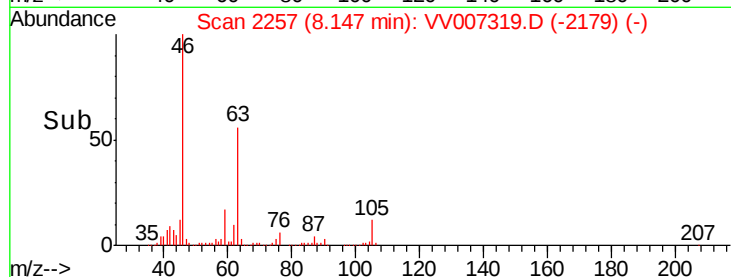
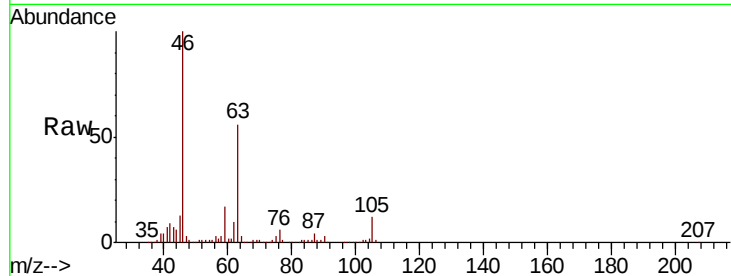




#48
2-Hexanone
Concen: 5.012 ug/L
RT: 8.15 min Scan# 2257
Delta R.T. -0.05 min
Lab File: VV007319.D
Acq: 31 Aug 2018 23:13

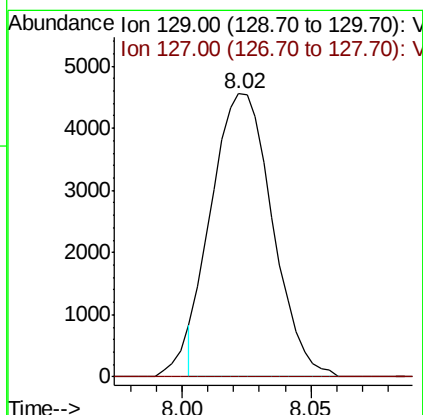
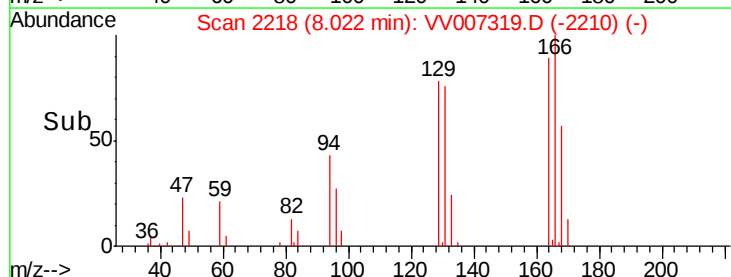
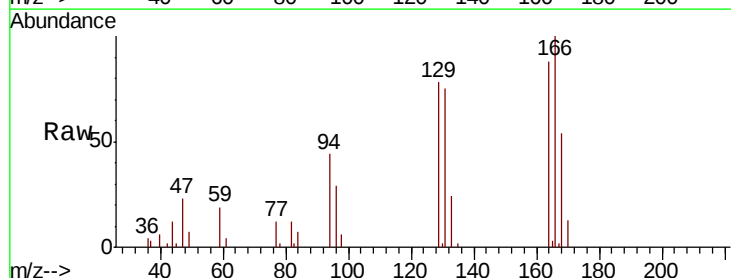
Instrument :
MSVOA_V
ClientSampleId :
E0AA9DL

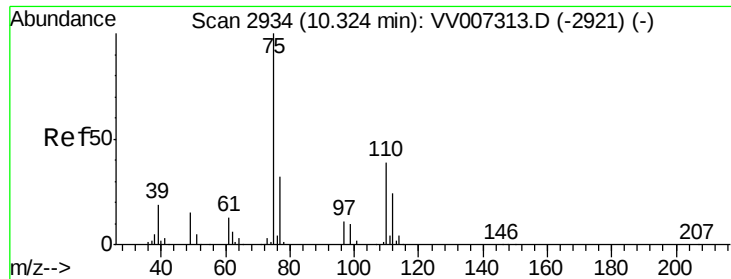
Tgt Ion: 43 Resp: 22593
Ion Ratio Lower Upper
43 100
58 44.0 48.2 72.4#
57 37.7 15.9 23.9#
100 4.1 11.0 16.4#



#49
Dibromochloromethane
Concen: 1.565 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007319.D
Acq: 31 Aug 2018 23:13

Tgt Ion: 129 Resp: 7468
Ion Ratio Lower Upper
129 100
127 0.0 54.4 101.0#





#59

1,2,3-Trichloropropane

Concen: 4.086 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007319.D

Acq: 31 Aug 2018 23:13

Instrument :

MSVOA_V

ClientSampleId :

E0AA9DL

Tgt Ion: 75 Resp: 23679

Ion Ratio Lower Upper

75 100

77 39.2 25.9 38.9#

