

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100118\
 Data File : VV008007.D
 Acq On : 01 Oct 2018 20:59
 Operator : SY/MD
 Sample : J5159-11
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 04:18:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	87258	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	82945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40350	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23797	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.59	69	20467	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.14	63	37801	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.97	46	65471	46.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	4.41	84	52606	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.09	65	28377	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	101960	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	32291	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.36	98	94576	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	10799	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	46732	43.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	22431	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	39268	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

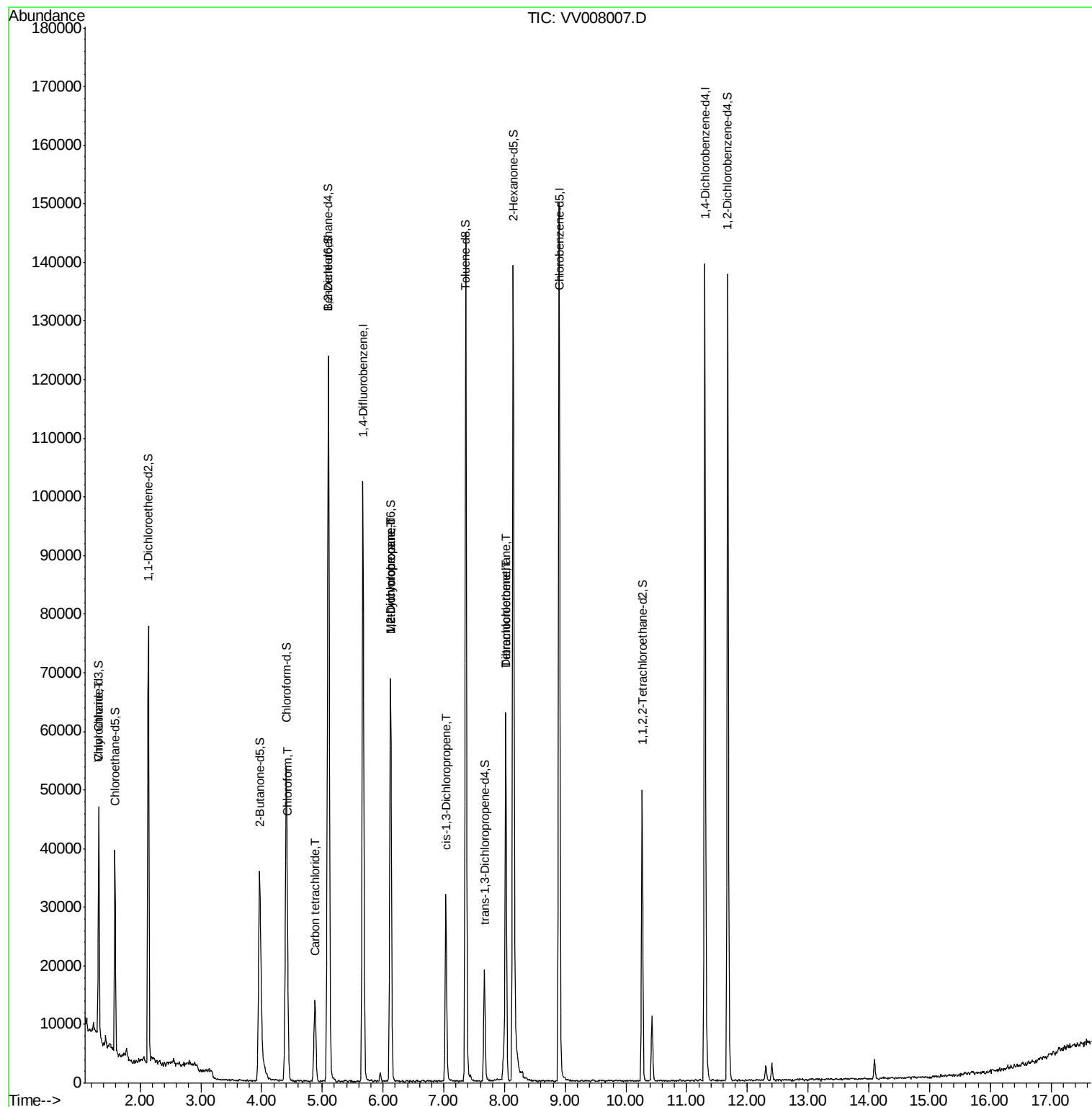
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.32	64	344	0.082	ug/L #	1
25) Chloroform	4.43	83	3031	0.258	ug/L	95
31) Carbon tetrachloride	4.88	117	10430	1.186	ug/L	98
35) Methylcyclohexane	6.13	83	7830	0.768	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	3911	0.645	ug/L #	87
39) cis-1,3-Dichloropropene	7.04	75	783	0.096	ug/L #	80
47) Tetrachloroethene	8.02	164	14675	2.329	ug/L	99
49) Dibromochloromethane	8.02	129	11677	2.336	ug/L #	12

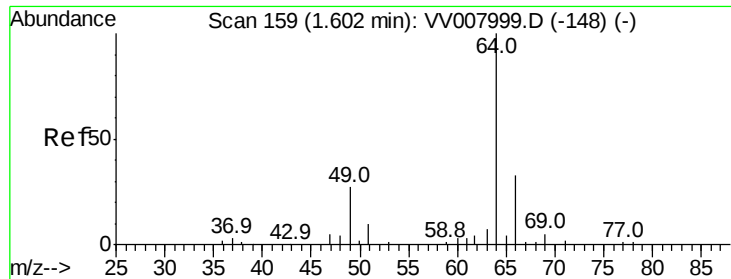
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 02 04:17:24 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.082 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008007.D

Acq: 01 Oct 2018 20:59

Instrument :

MSVOA_V

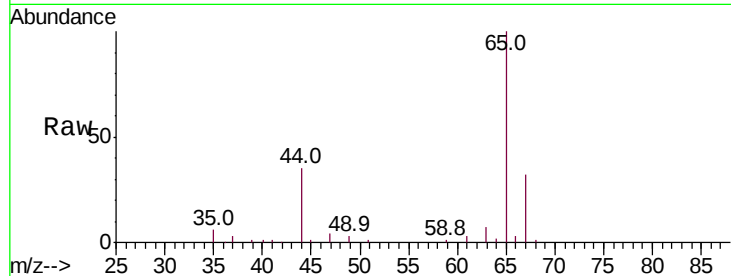
ClientSampleId :

Tot Ion: 64 Resp: 344

Ion Ratio Lower Upper

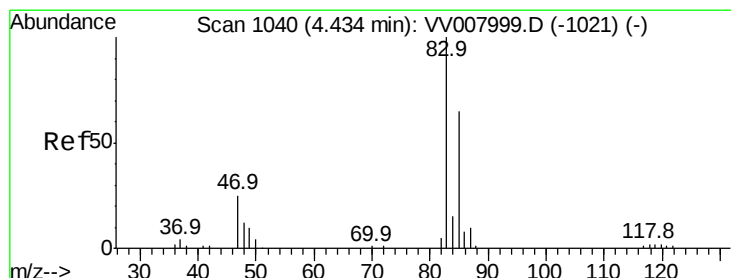
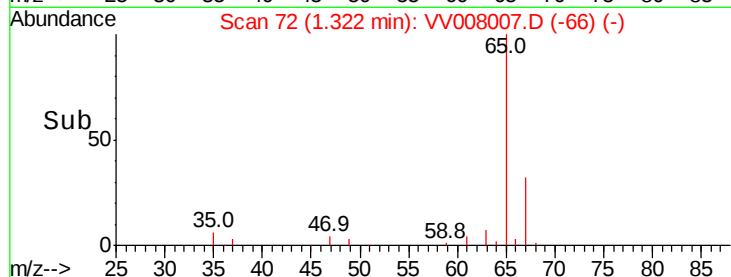
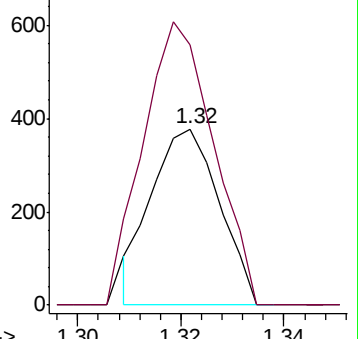
64 100

66 148.0 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VV007999.D (-148) (-)

Ion 66.05 (65.75 to 66.75): VV007999.D (-148) (-)



#25

Chloroform

Concen: 0.258 ug/L

RT: 4.43 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VV008007.D

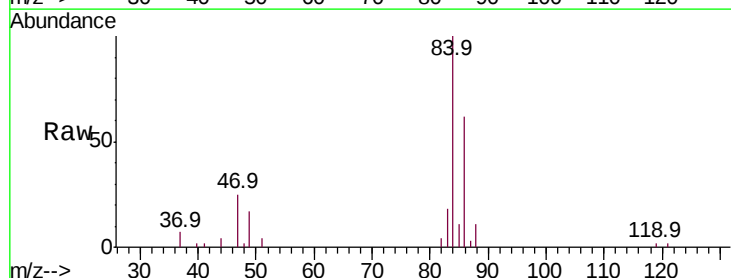
Acq: 01 Oct 2018 20:59

Tgt Ion: 83 Resp: 3031

Ion Ratio Lower Upper

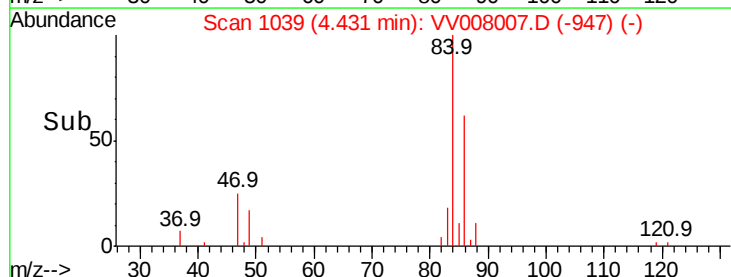
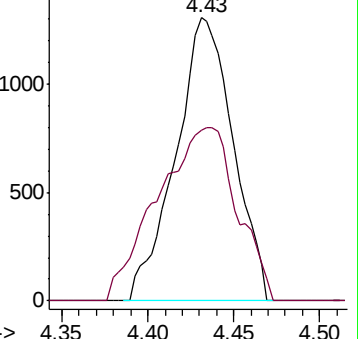
83 100

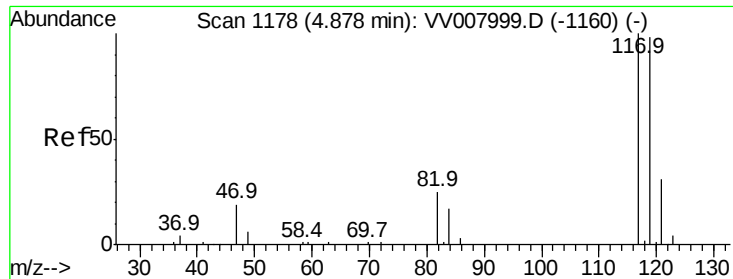
85 60.3 44.8 83.2



Abundance Ion 83.05 (82.75 to 83.75): VV007999.D (-1021) (-)

Ion 85.00 (84.70 to 85.70): VV007999.D (-1021) (-)





#31

Carbon tetrachloride

Concen: 1.186 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VV008007.D

Acq: 01 Oct 2018 20:59

Instrument :

MSVOA_V

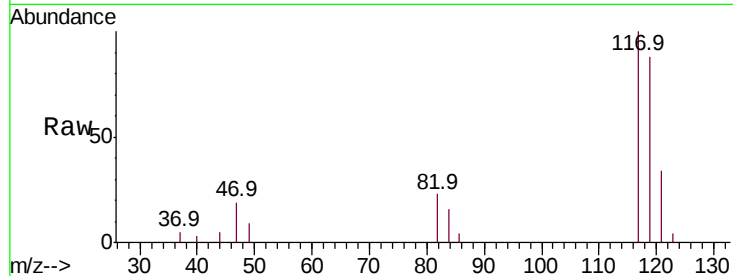
ClientSampled :

Tot Ion:117 Resp: 10430

Ion Ratio Lower Upper

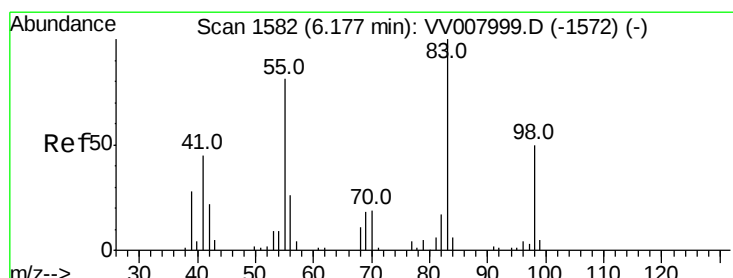
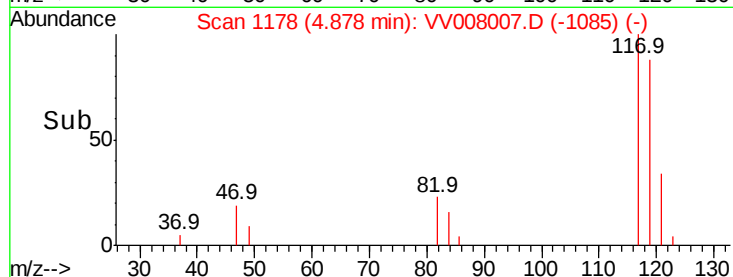
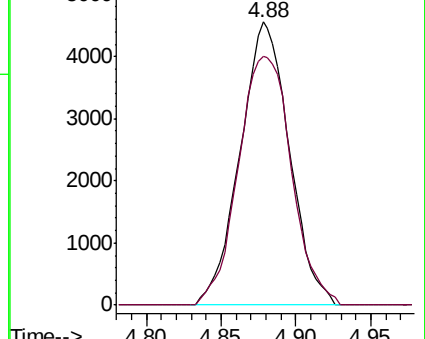
117 100

119 94.9 77.8 116.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#35

Methylcyclohexane

Concen: 0.768 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

Lab File: VV008007.D

Acq: 01 Oct 2018 20:59

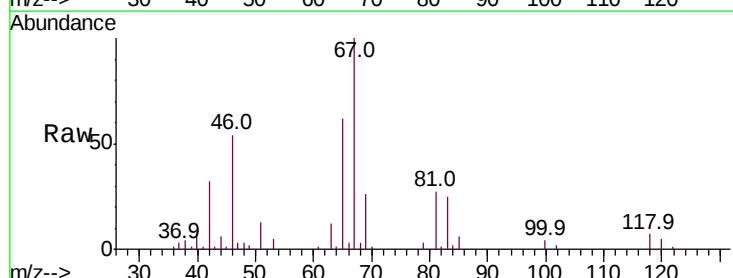
Tgt Ion: 83 Resp: 7830

Ion Ratio Lower Upper

83 100

55 0.0 62.2 93.2#

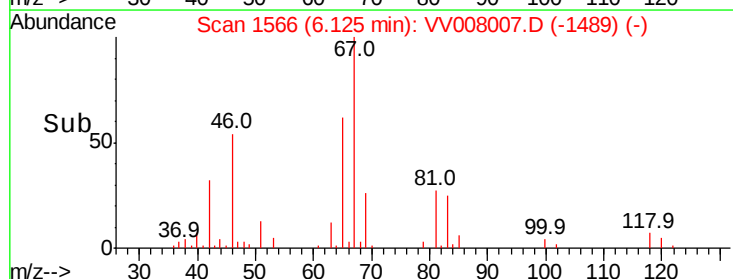
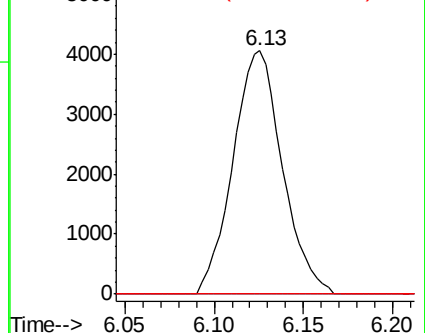
98 1.2 38.0 57.0#

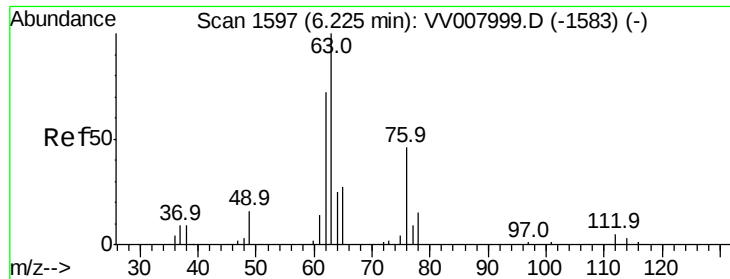


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

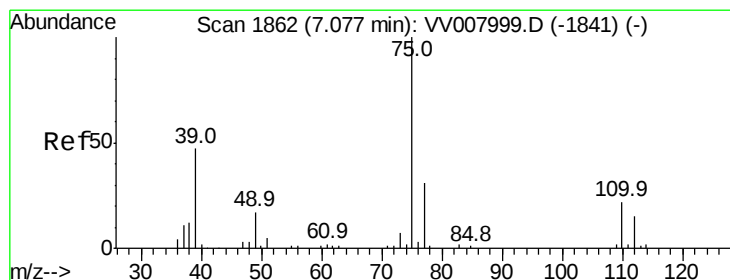
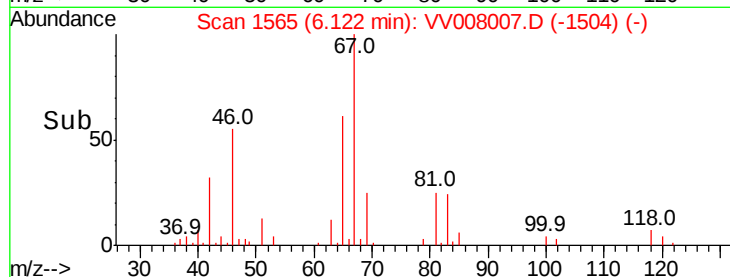
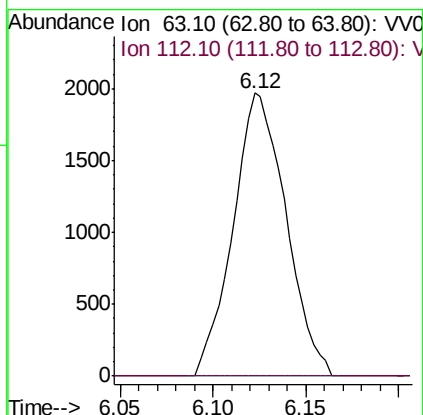
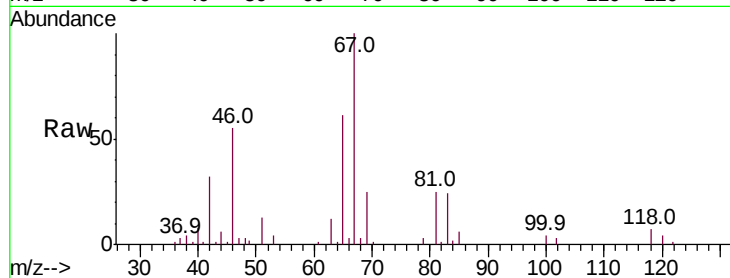




#37
 1,2-Dichloropropane
 Concen: 0.645 ug/L
 RT: 6.12 min Scan# 1565
 Delta R.T. -0.10 min
 Lab File: VV008007.D
 Acq: 01 Oct 2018 20:59

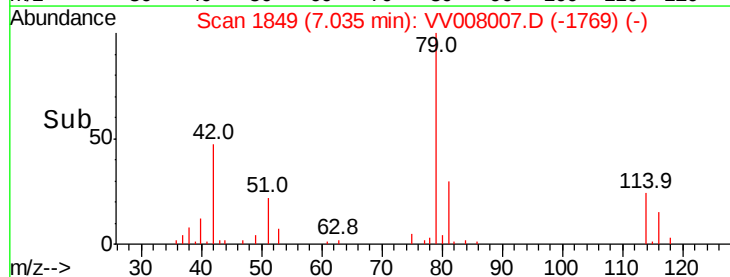
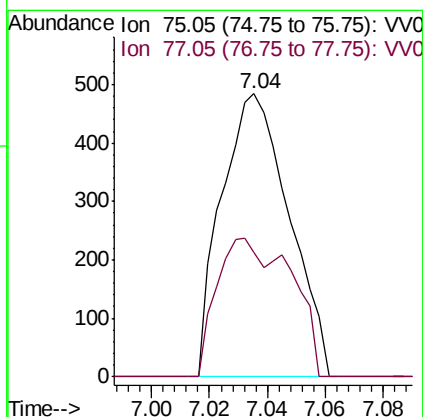
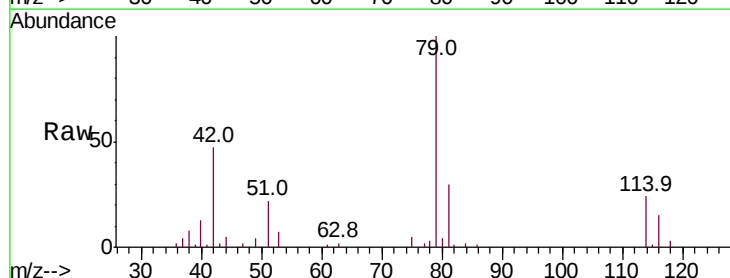
Instrument :
 MSVOA_V
 ClientSampled :

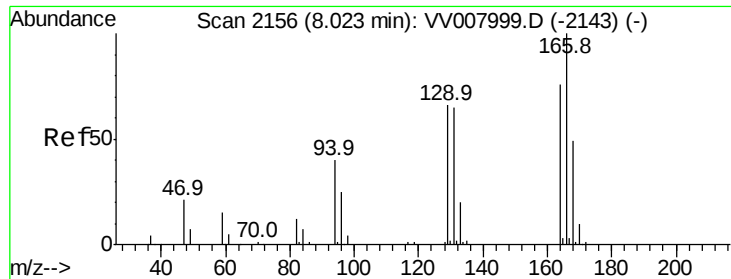
Tot Ion: 63 Resp: 3911
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.04 min Scan# 1849
 Delta R.T. -0.04 min
 Lab File: VV008007.D
 Acq: 01 Oct 2018 20:59

Tgt Ion: 75 Resp: 783
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.9 42.5#





#47

Tetrachloroethene

Concen: 2.329 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV008007.D

Acq: 01 Oct 2018 20:59

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 14675

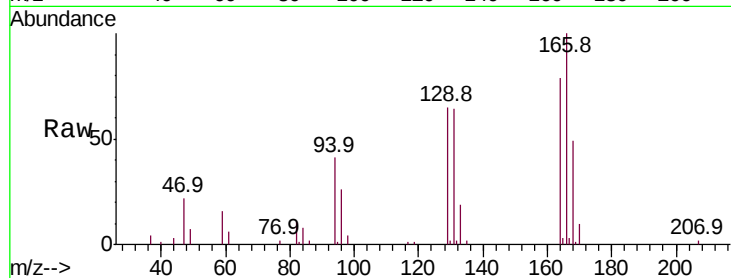
Ion Ratio Lower Upper

164 100

129 82.5 59.2 110.0

131 80.8 57.1 106.1

166 126.0 88.6 164.6

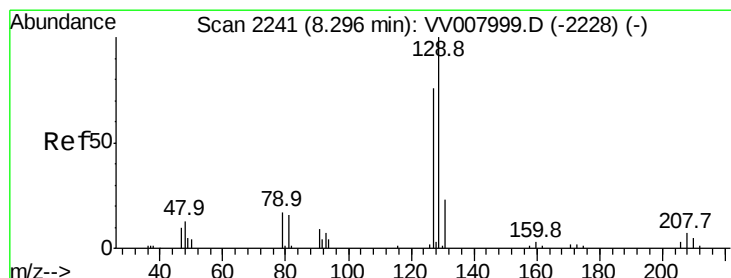
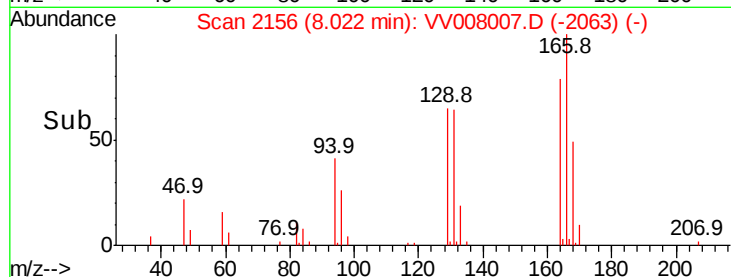
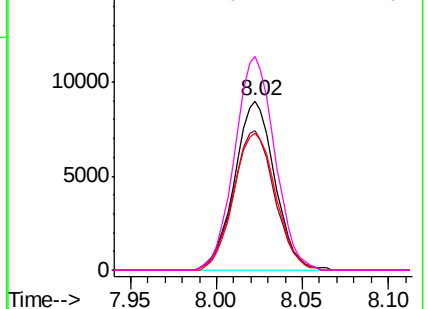


Abundance Ion 163.90 (163.60 to 164.60): V

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



#49

Dibromochloromethane

Concen: 2.336 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008007.D

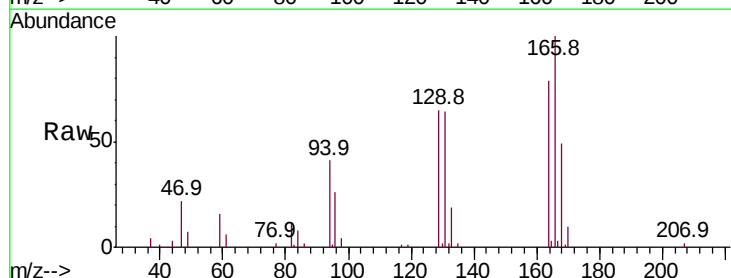
Acq: 01 Oct 2018 20:59

Tgt Ion:129 Resp: 11677

Ion Ratio Lower Upper

129 100

127 0.0 53.1 98.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

