

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008347.D
 Acq On : 18 Oct 2018 17:26
 Operator : SY/MD
 Sample : J5407-09
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:28:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:24:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	108763	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	96803	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	40384	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29066	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	20955	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.13	63	46221	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	3.96	46	103617	50.26	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.52%
24) Chloroform-d	4.41	84	63721	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	32754	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.10	84	137394	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	46352	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	122512	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	7.67	79	15731	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.14	63	68588	50.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.80%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27950	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	36536	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

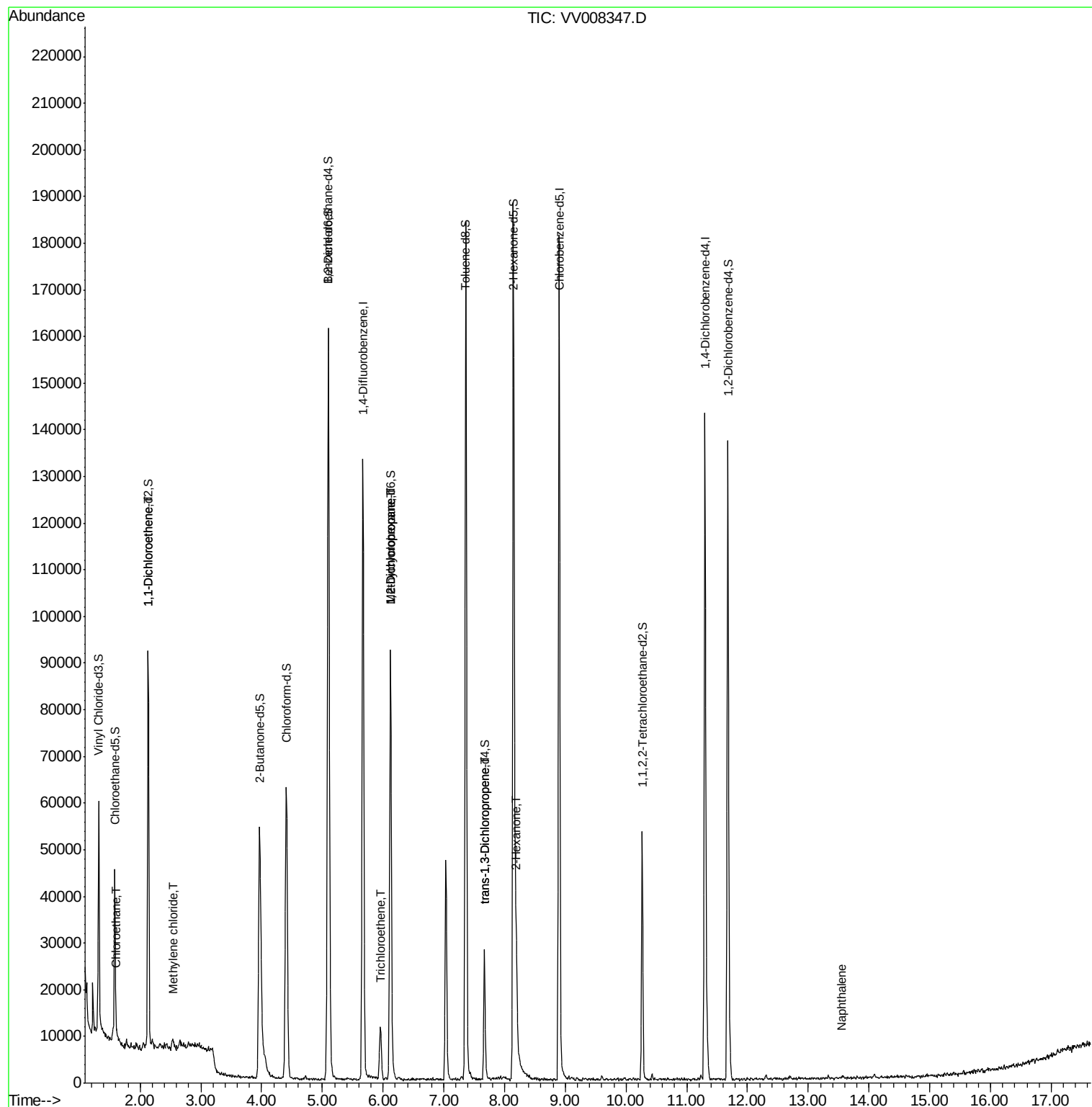
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.61	64	364	0.087	ug/L #	76
12) 1,1-Dichloroethene	2.14	96	608	0.116	ug/L #	1
16) Methylene chloride	2.54	84	959	0.159	ug/L	93
34) Trichloroethene	5.96	95	2484	0.275	ug/L	87
35) Methylcyclohexane	6.12	83	10632	0.697	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4797	0.545	ug/L #	90
44) trans-1,3-Dichloropropene	7.67	75	930	0.093	ug/L #	53
48) 2-Hexanone	8.20	43	16122	4.092	ug/L #	78
69) Naphthalene	13.56	128	881	0.075	ug/L #	70

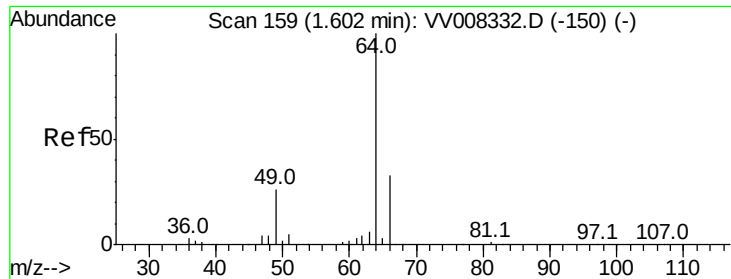
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.087 ug/L

RT: 1.61 min Scan# 161

Delta R.T. 0.01 min

Lab File: VV008347.D

Acq: 18 Oct 2018 17:26

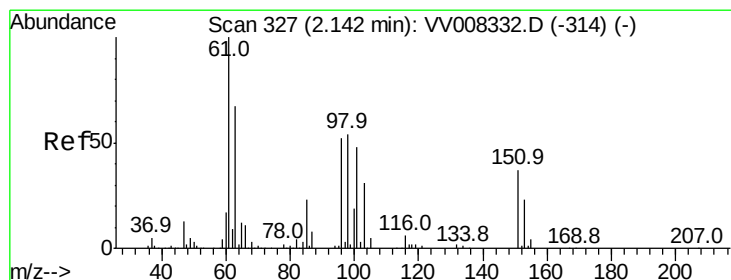
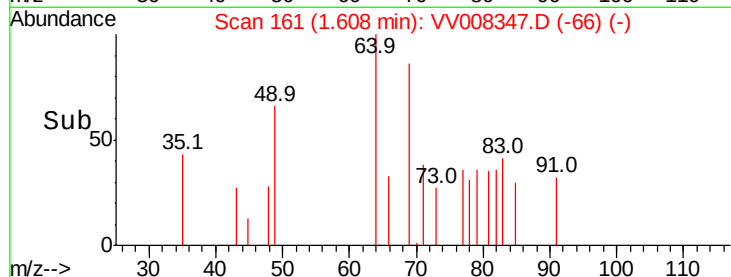
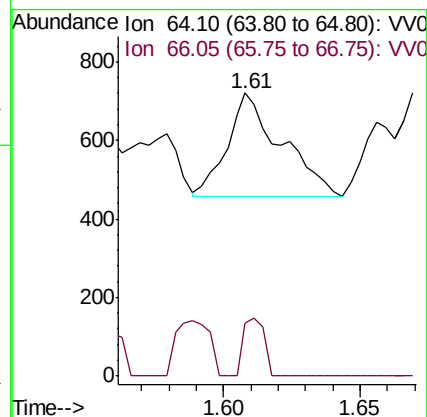
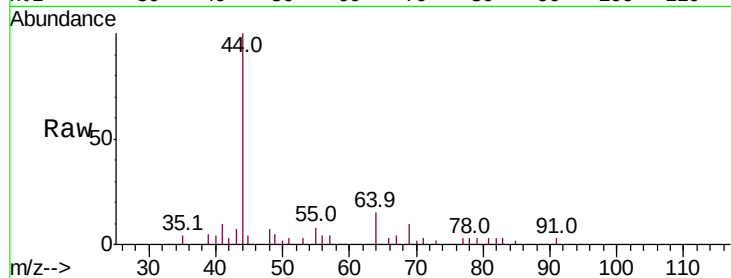
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 364

Ion Ratio Lower Upper

64 100

66 18.9 22.5 41.9#



#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.01 min

Lab File: VV008347.D

Acq: 18 Oct 2018 17:26

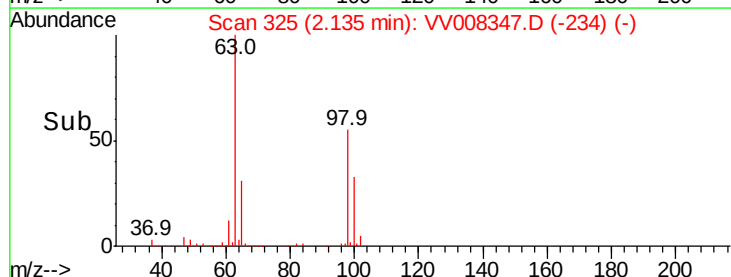
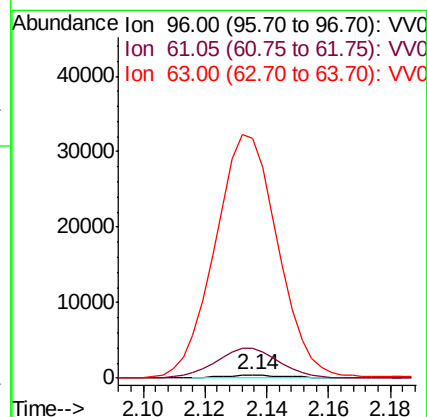
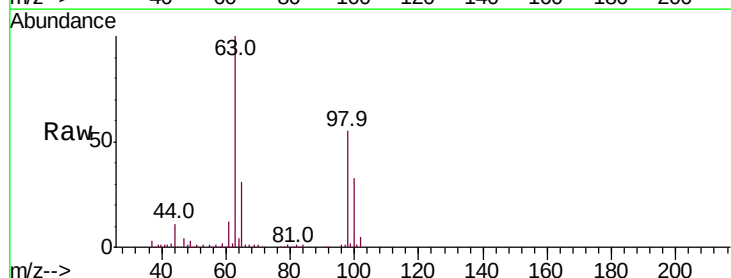
Tgt Ion: 96 Resp: 608

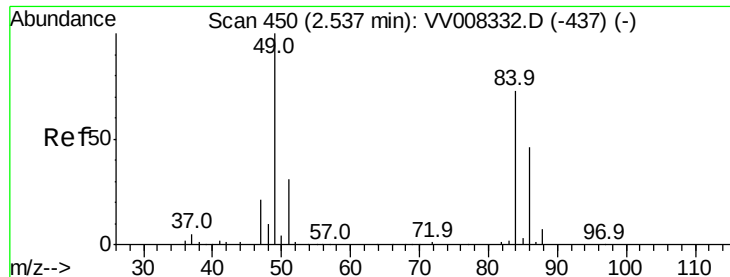
Ion Ratio Lower Upper

96 100

61 973.0 129.9 241.3#

63 7790.2 103.0 191.4#

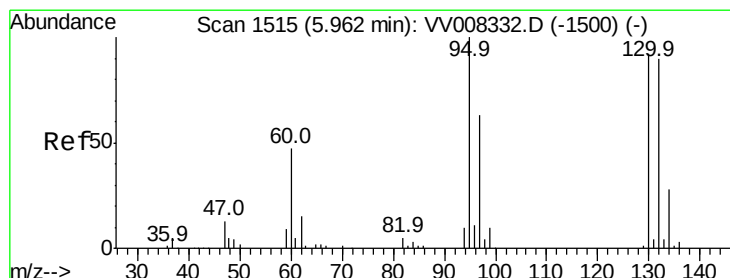
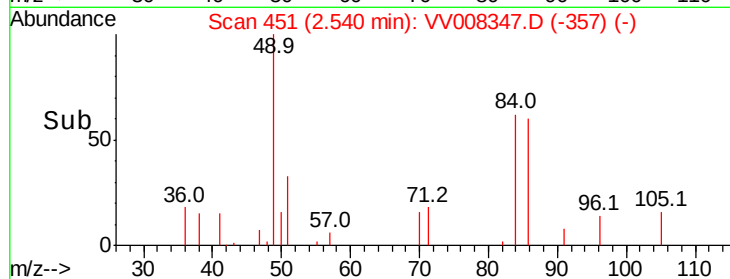
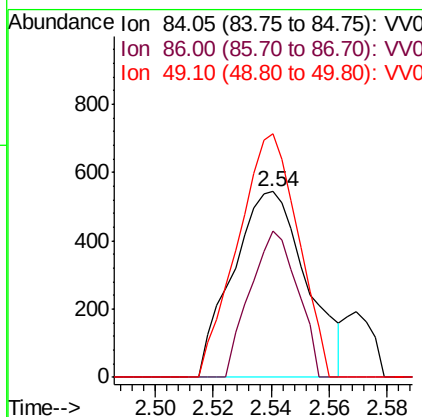
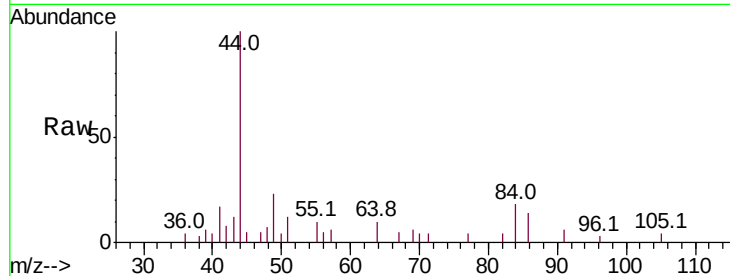




#16
Methylene chloride
Concen: 0.159 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008347.D
Acq: 18 Oct 2018 17:26

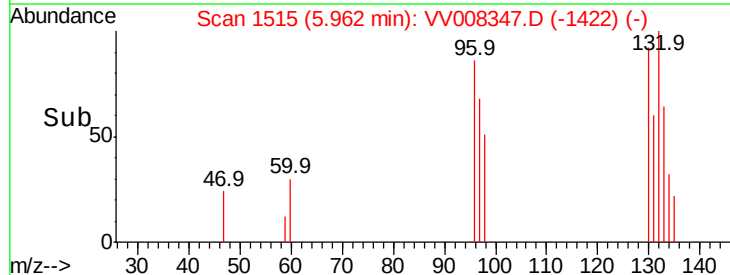
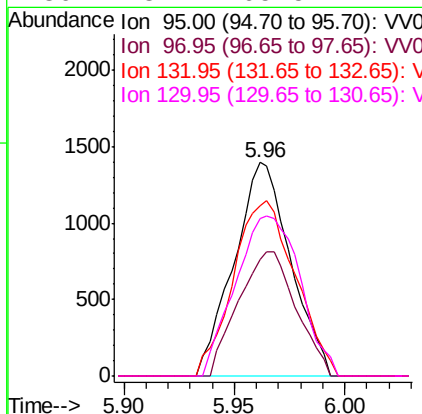
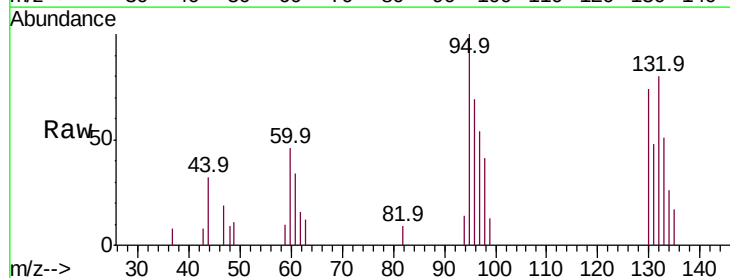
Instrument :
MSVOA_V
ClientSampled :

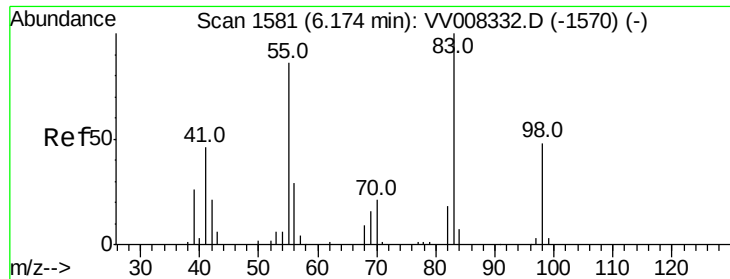
Tot Ion: 84 Resp: 959
Ion Ratio Lower Upper
84 100
86 78.7 45.0 83.6
49 131.1 92.9 172.5



#34
Trichloroethene
Concen: 0.275 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VV008347.D
Acq: 18 Oct 2018 17:26

Tgt Ion: 95 Resp: 2484
Ion Ratio Lower Upper
95 100
97 54.3 44.4 82.4
132 79.9 60.4 112.2
130 73.7 65.5 121.7

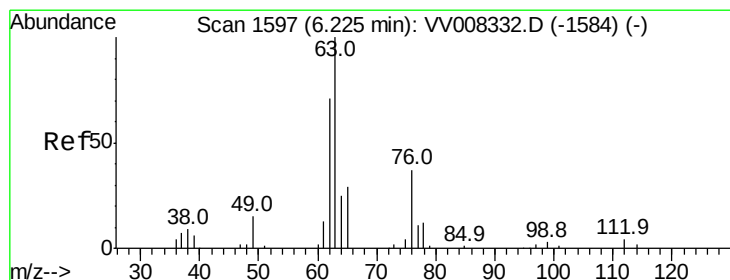
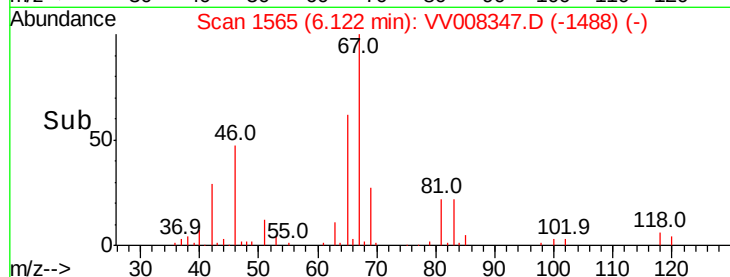
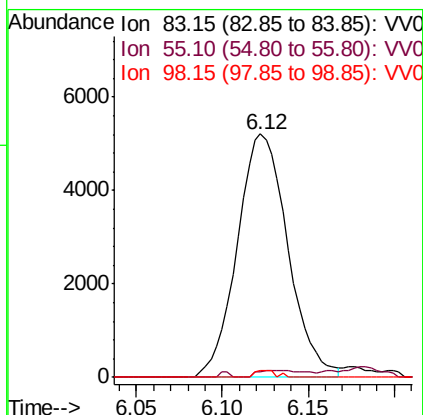
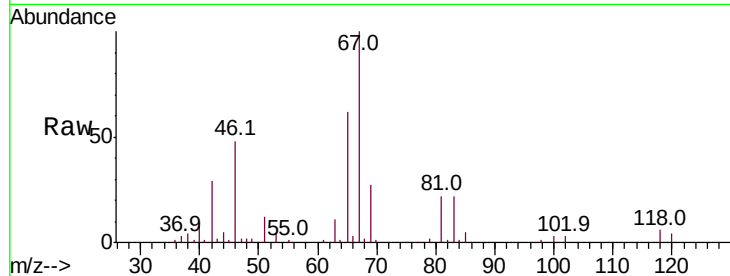




#35
Methylcyclohexane
Concen: 0.697 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008347.D
Acq: 18 Oct 2018 17:26

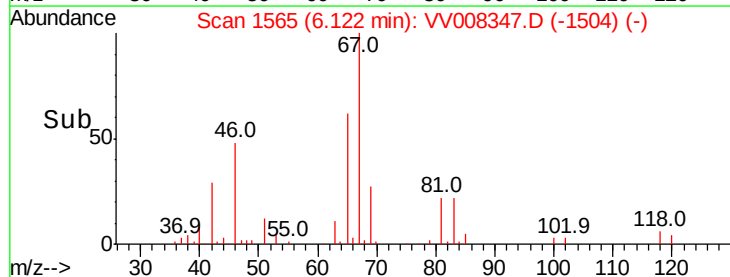
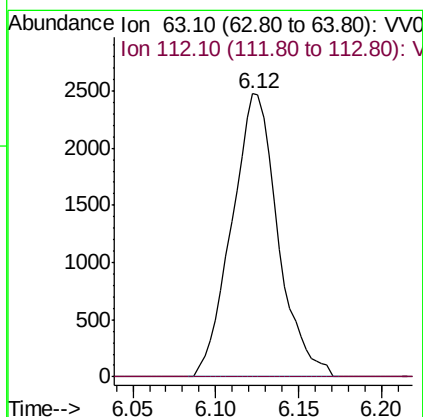
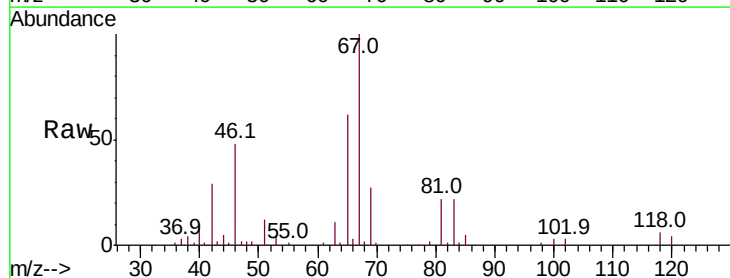
Instrument :
MSVOA_V
ClientSampleId :

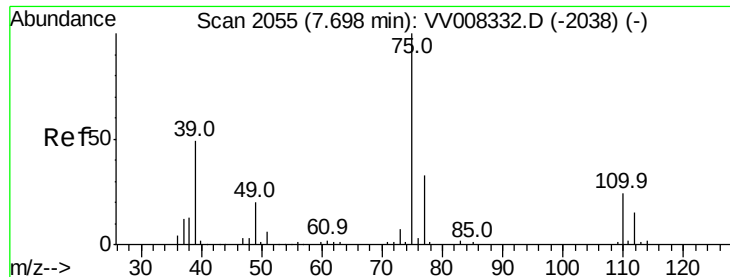
Tot Ion: 83 Resp: 10632
Ion Ratio Lower Upper
83 100
55 2.8 64.0 96.0#
98 1.2 37.0 55.4#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008347.D
Acq: 18 Oct 2018 17:26

Tgt Ion: 63 Resp: 4797
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. -0.03 min

Lab File: VV008347.D

Acq: 18 Oct 2018 17:26

Instrument :

MSVOA_V

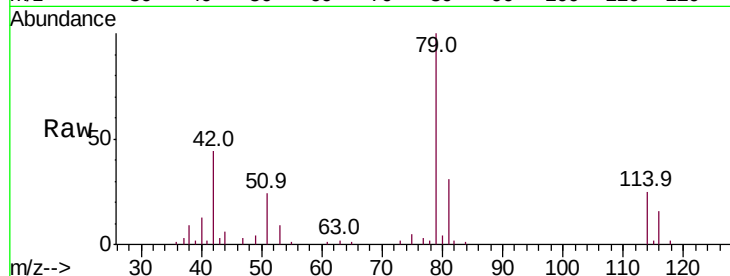
ClientSampleId :

Tot Ion: 75 Resp: 930

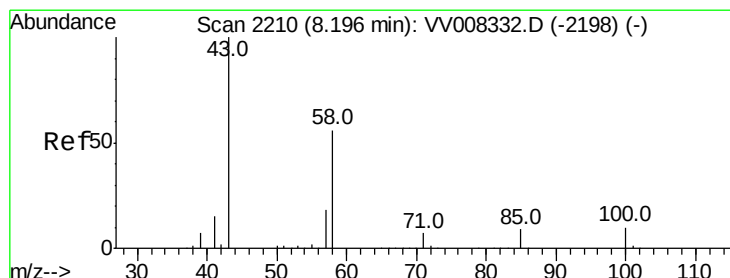
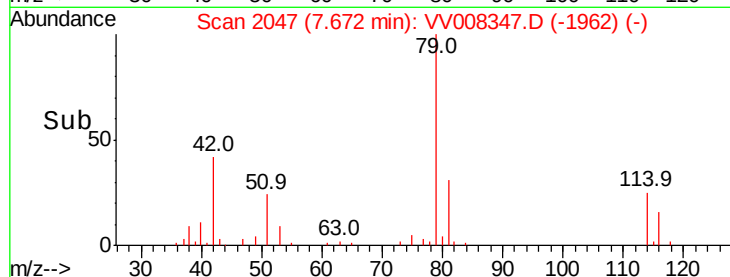
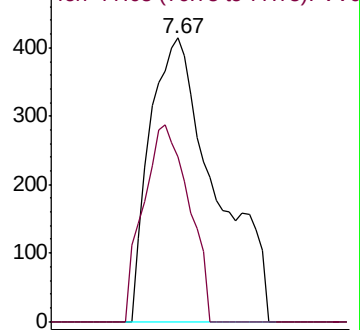
Ion Ratio Lower Upper

75 100

77 58.2 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008332.D (-2038) (-)



#48

2-Hexanone

Concen: 4.092 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV008347.D

Acq: 18 Oct 2018 17:26

Tgt Ion: 43 Resp: 16122

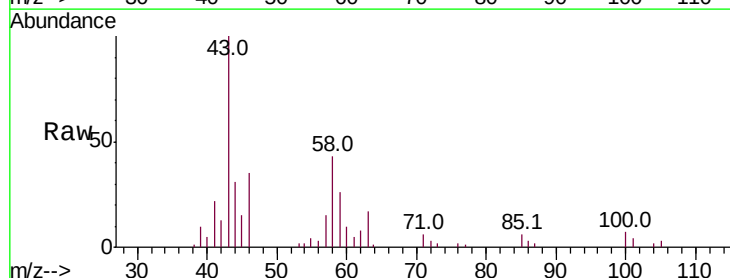
Ion Ratio Lower Upper

43 100

58 35.3 45.0 67.4#

57 14.1 14.4 21.6#

100 5.4 7.9 11.9#

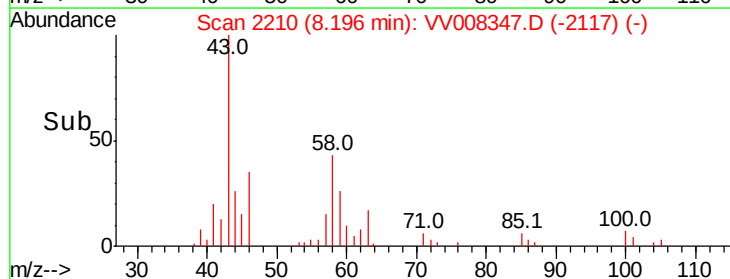
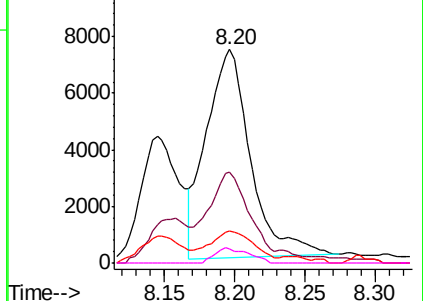


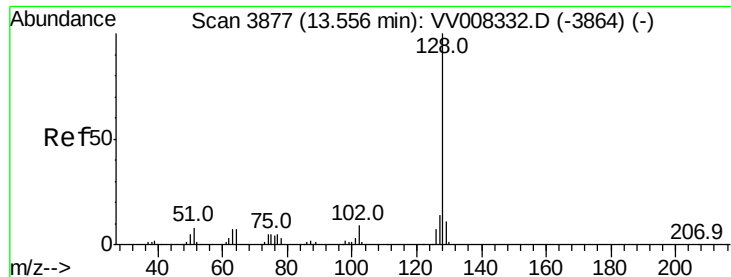
Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-2198) (-)

Ion 58.05 (57.75 to 58.75): VV008332.D (-2198) (-)

Ion 57.20 (56.90 to 57.90): VV008332.D (-2198) (-)

Ion 100.15 (99.85 to 100.85): VV008332.D (-2198) (-)





#69

Naphthalene

Concen: 0.075 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

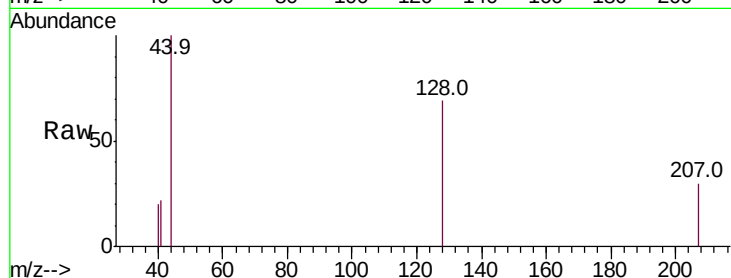
Lab File: VV008347.D

Acq: 18 Oct 2018 17:26

Instrument :

MSVOA_V

ClientSampleId :



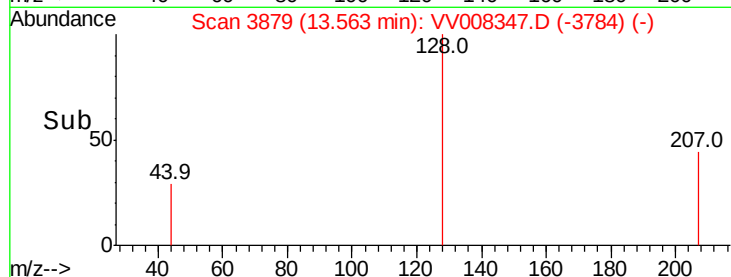
Tot Ion:128 Resp: 881

Ion Ratio Lower Upper

128 100

129 0.0 8.6 12.8#

127 0.0 10.1 15.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

