

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101818\
 Data File : VV008345.D
 Acq On : 18 Oct 2018 16:00
 Operator : SY/MD
 Sample : J5422-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 19 05:28:38 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	111857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100056	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	41018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33386	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.59	69	21497	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.13	63	48162	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.97	46	95084	44.85	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.70%
24) Chloroform-d	4.41	84	60021	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.09	65	31440	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.10	84	133363	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	45229	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.36	98	120027	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	7.67	79	14083	3.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.20%
46) 2-Hexanone-d5	8.14	63	55875	39.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24649	3.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	36024	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

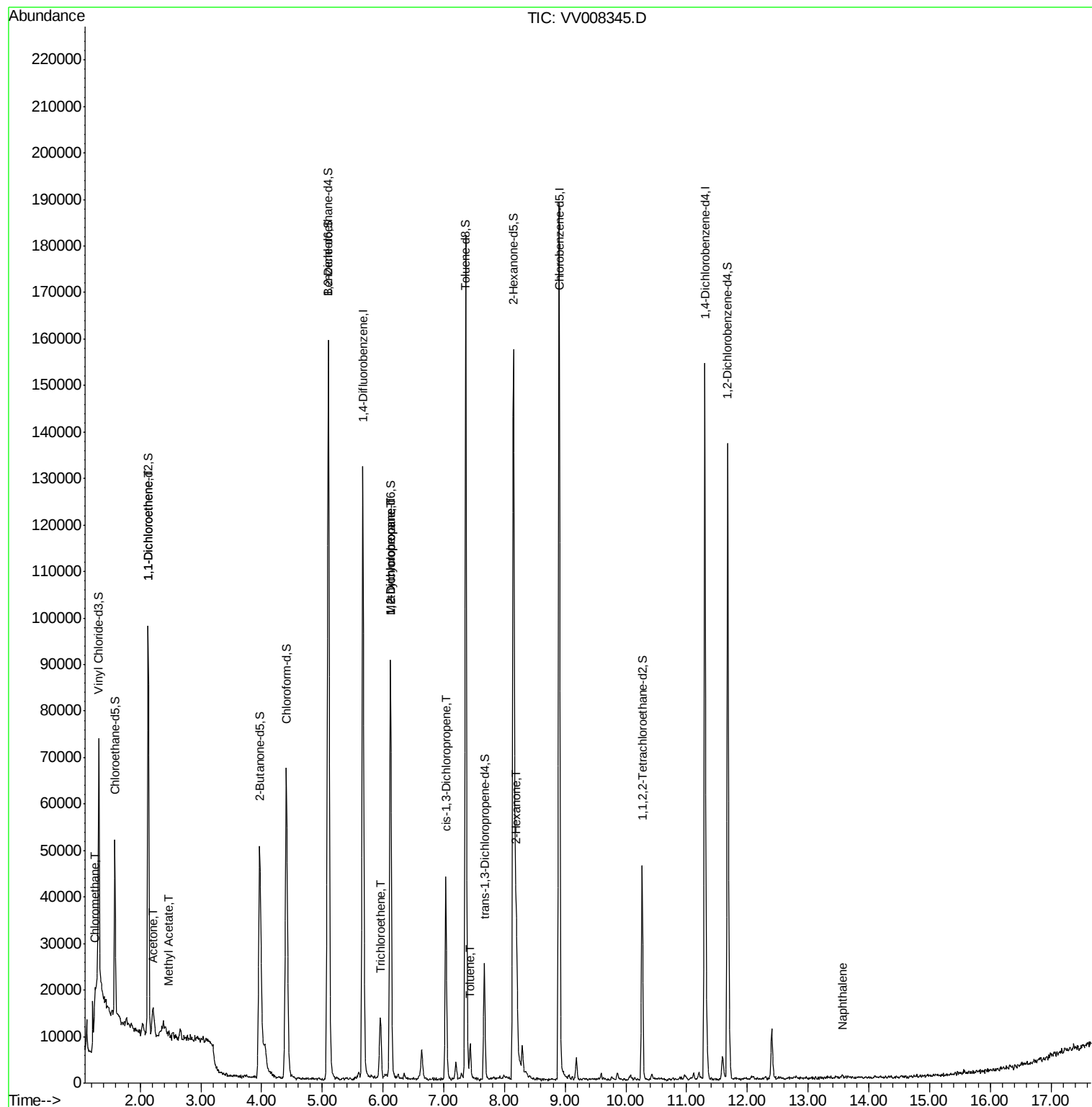
					Ovalue
3) Chloromethane	1.25	50	2136	0.243 ug/L	97
12) 1,1-Dichloroethene	2.13	96	585	0.109 ug/L #	1
13) Acetone	2.21	43	7694	6.707 ug/L	96
15) Methyl Acetate	2.47	43	394	0.138 ug/L #	50
34) Trichloroethene	5.96	95	2533	0.271 ug/L	95
35) Methylcyclohexane	6.12	83	9897	0.628 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	4737	0.521 ug/L #	90
39) cis-1,3-Dichloropropene	7.03	75	1024	0.079 ug/L #	80
42) Toluene	7.43	91	4968	0.141 ug/L	95
48) 2-Hexanone	8.20	43	24257	5.957 ug/L #	88
69) Naphthalene	13.57	128	932	0.078 ug/L #	70

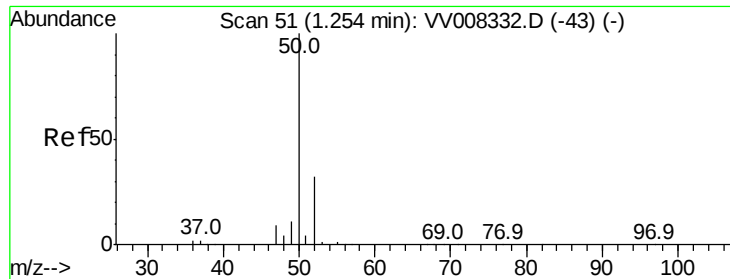
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 19 05:24:39 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.243 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

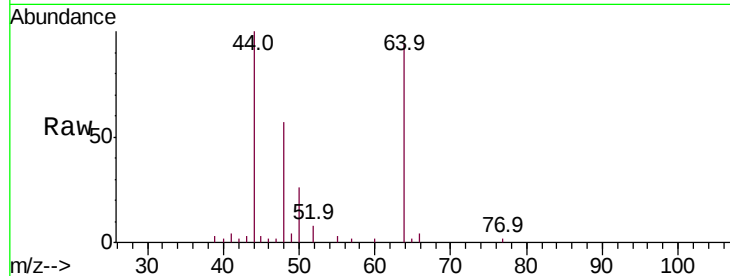
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 2136

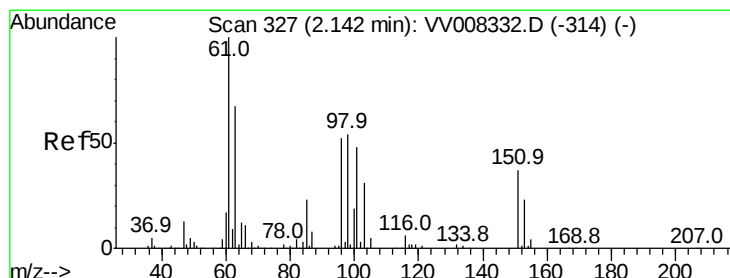
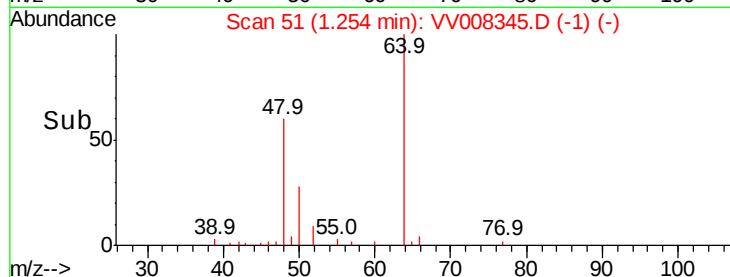
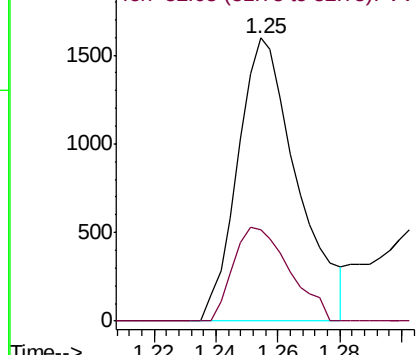
Ion Ratio Lower Upper

50 100

52 32.1 23.7 43.9



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

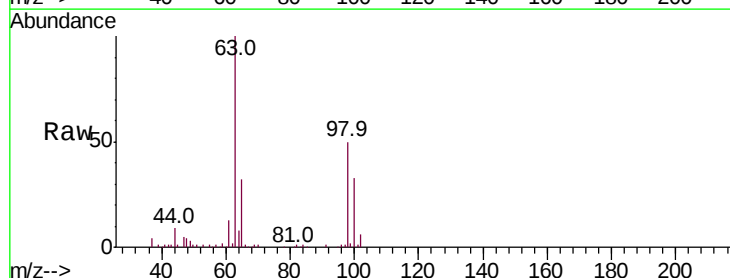
Tgt Ion: 96 Resp: 585

Ion Ratio Lower Upper

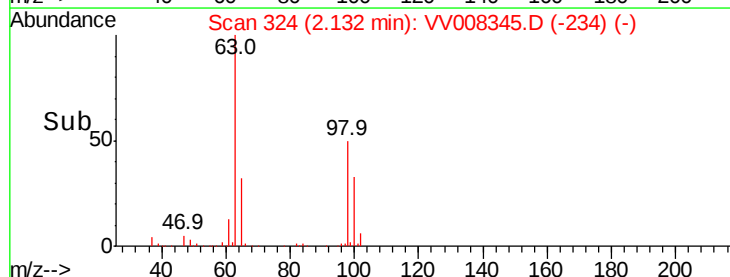
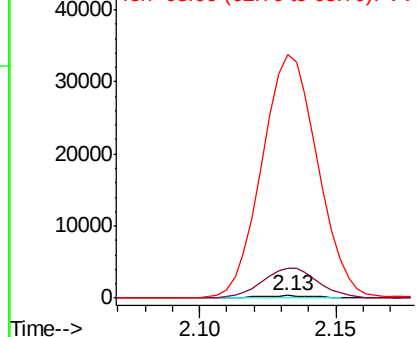
96 100

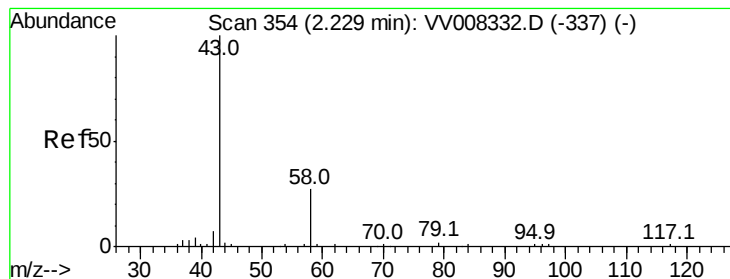
61 1277.3 129.9 241.3#

63 10206.6 103.0 191.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 6.707 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

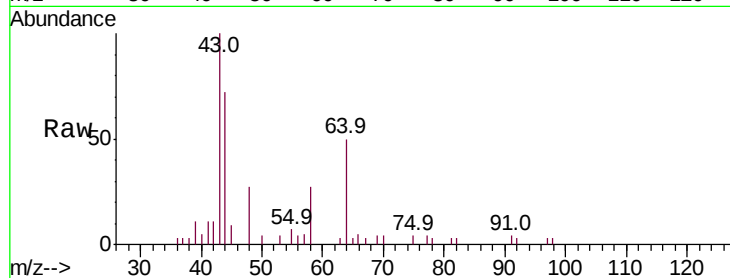
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7694

Ion Ratio Lower Upper

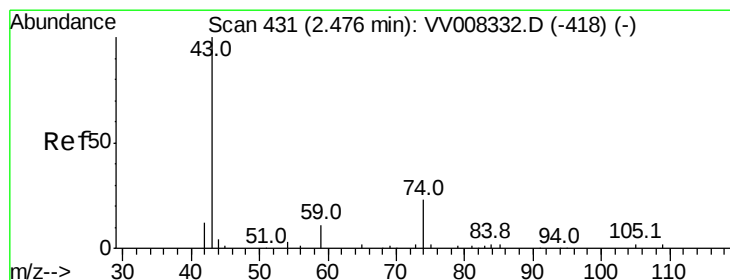
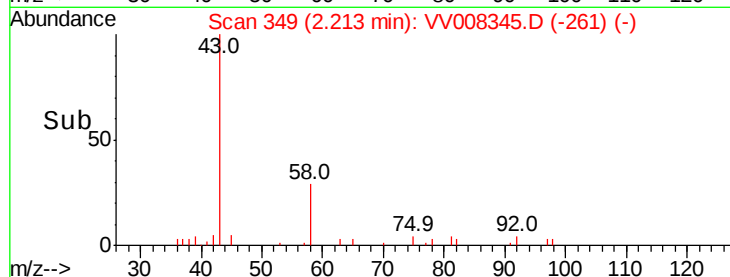
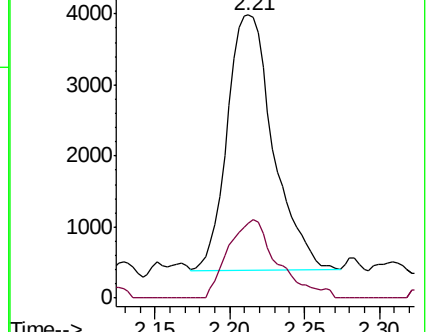
43 100

58 33.0 0.0 62.0



Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-337) (-)

Ion 58.05 (57.75 to 58.75): VV008332.D (-337) (-)



#15

Methyl Acetate

Concen: 0.138 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.01 min

Lab File: VV008345.D

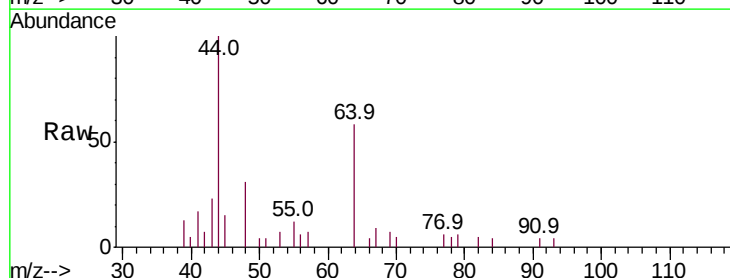
Acq: 18 Oct 2018 16:00

Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

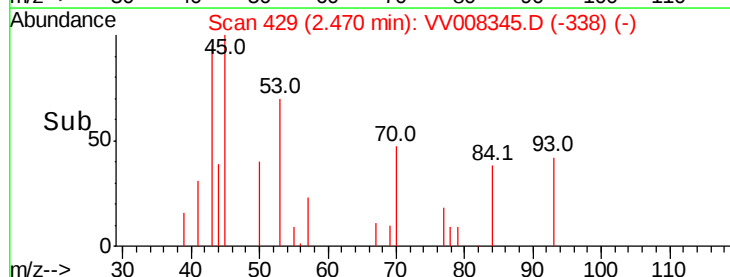
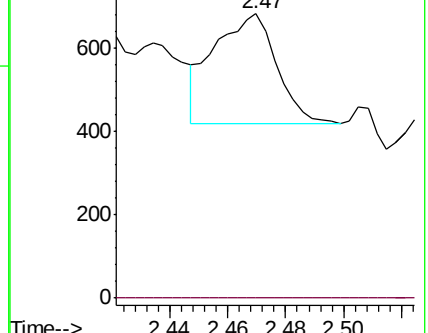
43 100

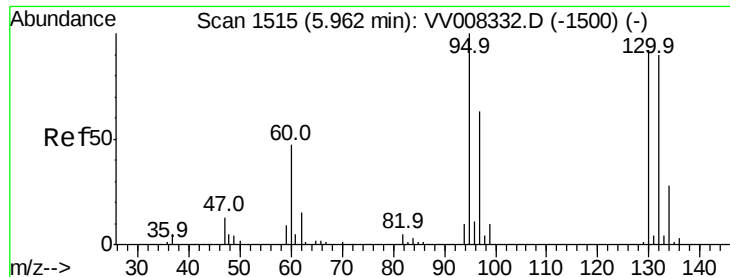
74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-418) (-)

Ion 74.05 (73.75 to 74.75): VV008332.D (-418) (-)





#34

Trichloroethene

Concen: 0.271 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 2533

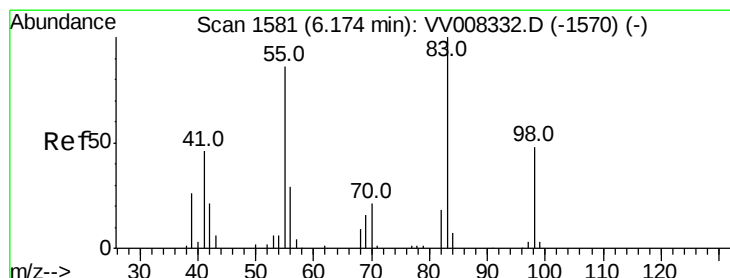
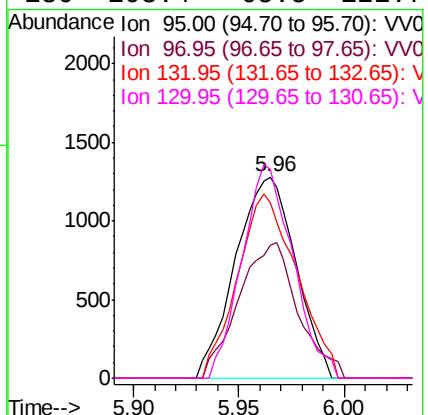
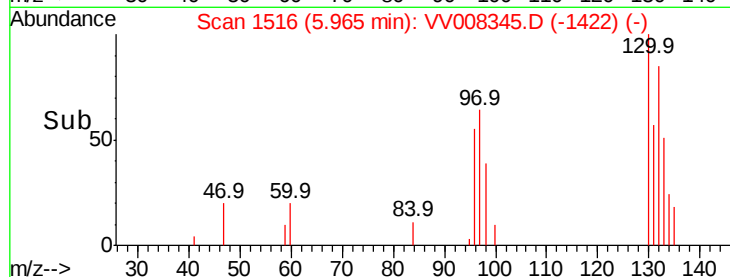
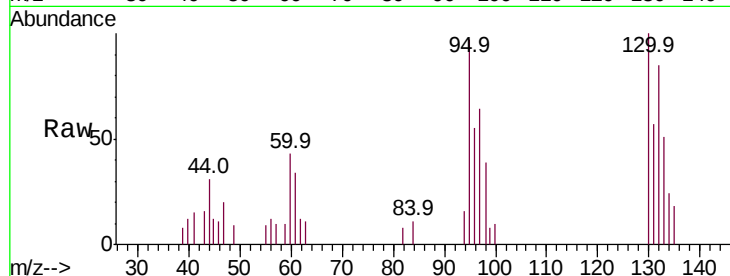
Ion Ratio Lower Upper

95 100

97 66.4 44.4 82.4

132 87.4 60.4 112.2

130 103.4 65.5 121.7



#35

Methylcyclohexane

Concen: 0.628 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

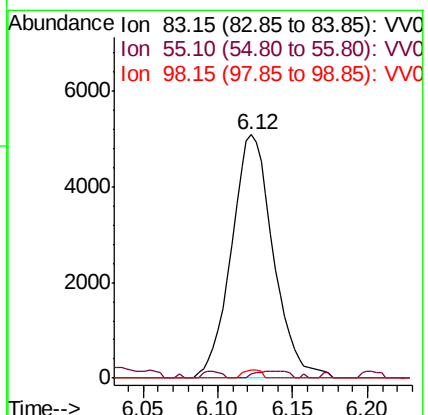
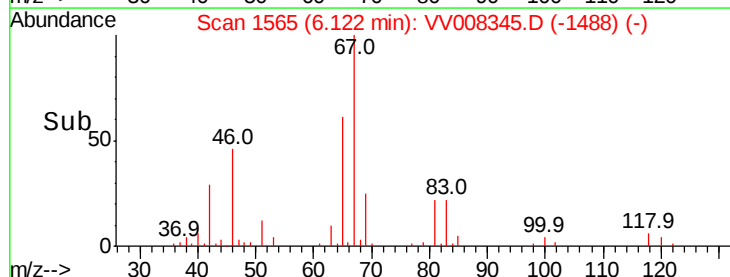
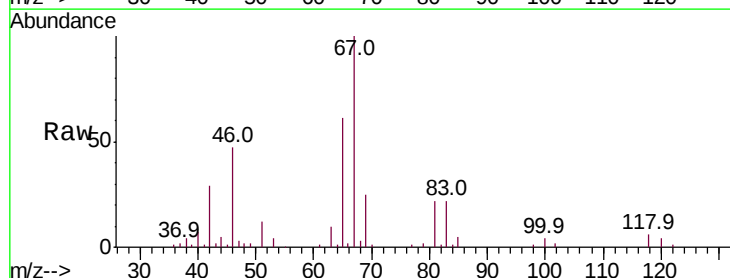
Tgt Ion: 83 Resp: 9897

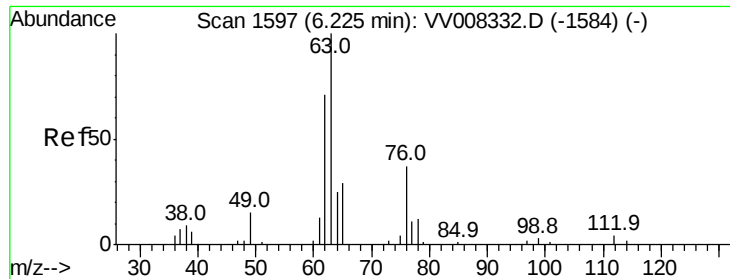
Ion Ratio Lower Upper

83 100

55 2.2 64.0 96.0#

98 1.4 37.0 55.4#





#37

1,2-Dichloropropane

Concen: 0.521 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

Instrument :

MSVOA_V

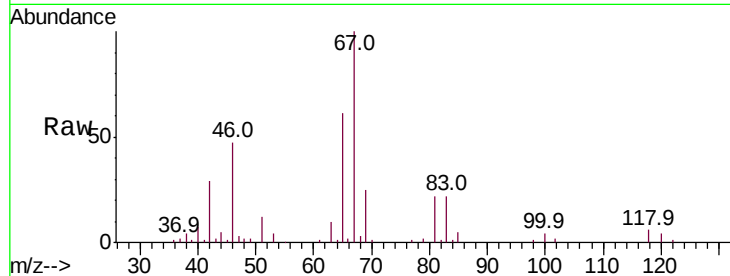
ClientSampled :

Tot Ion: 63 Resp: 4737

Ion Ratio Lower Upper

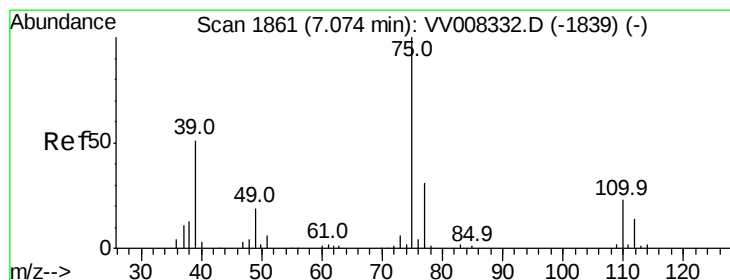
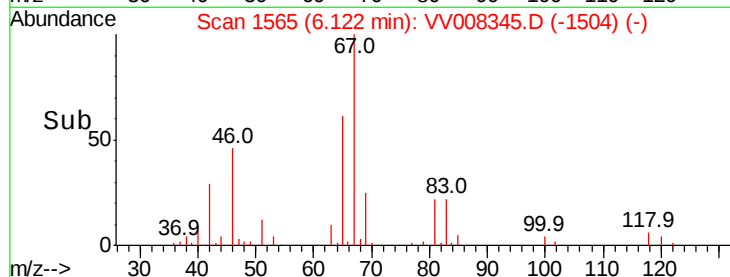
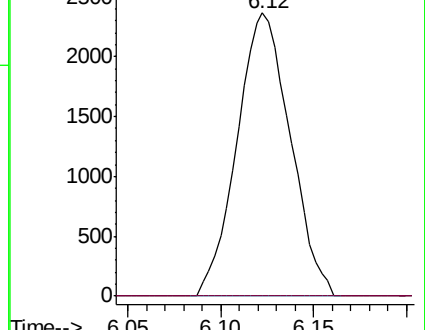
63 100

112 0.0 2.6 3.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008332.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008332.D (-1584) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008345.D

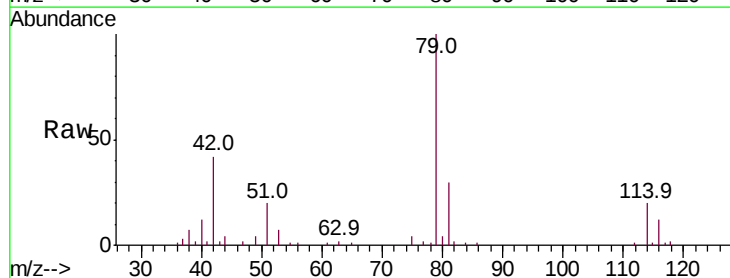
Acq: 18 Oct 2018 16:00

Tgt Ion: 75 Resp: 1024

Ion Ratio Lower Upper

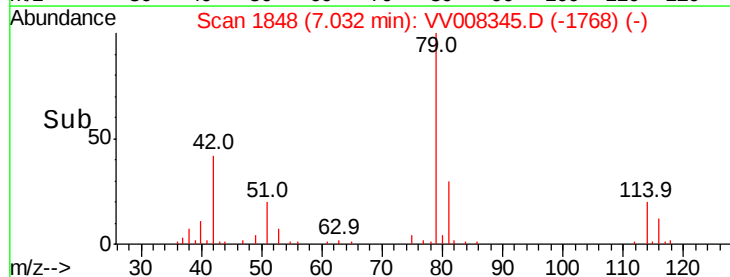
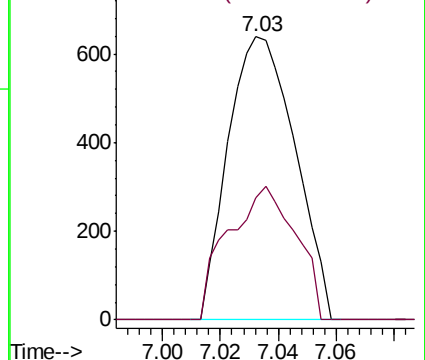
75 100

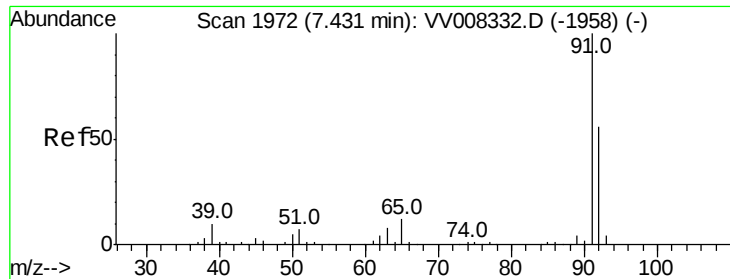
77 43.1 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008332.D (-1839) (-)

Ion 77.05 (76.75 to 77.75): VV008332.D (-1839) (-)





#42

Toluene

Concen: 0.141 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

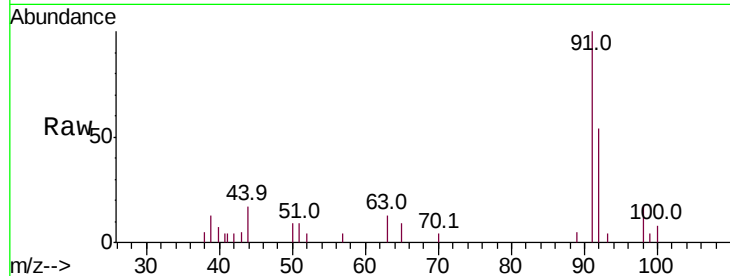
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 4968

Ion Ratio Lower Upper

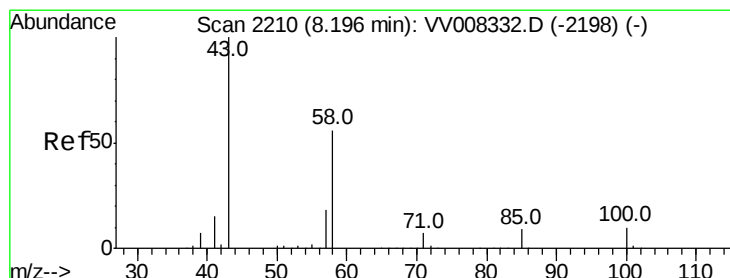
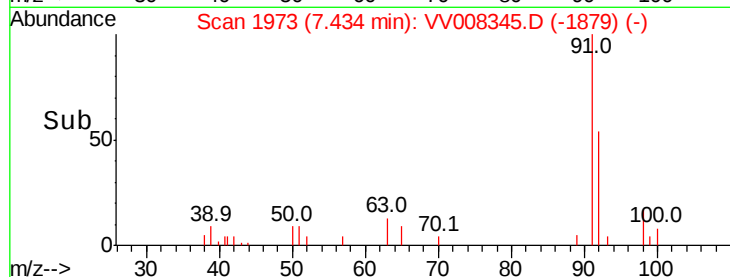
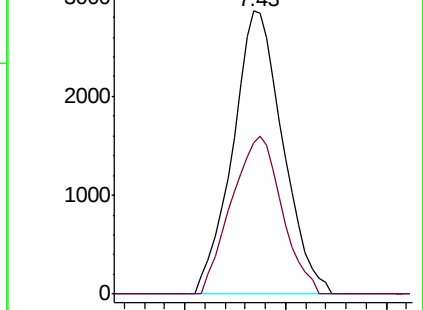
91 100

92 53.5 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV008332.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008332.D (-1958) (-)



#48

2-Hexanone

Concen: 5.957 ug/L

RT: 8.20 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

Tgt Ion: 43 Resp: 24257

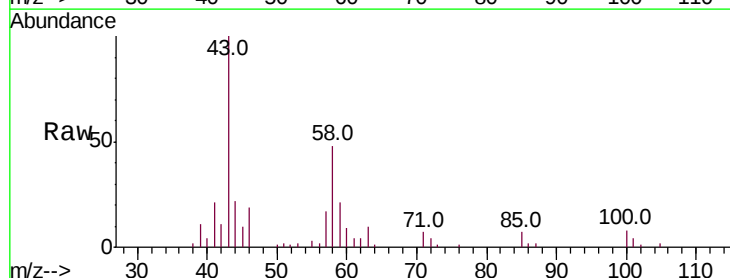
Ion Ratio Lower Upper

43 100

58 46.1 45.0 67.4

57 13.9 14.4 21.6#

100 7.0 7.9 11.9#

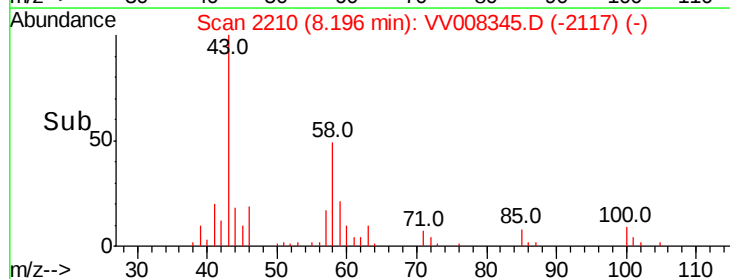
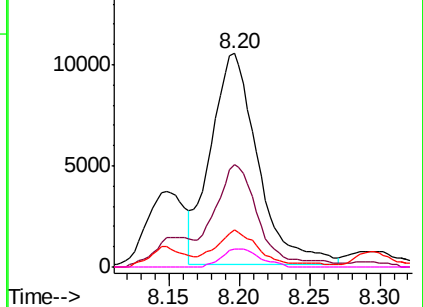


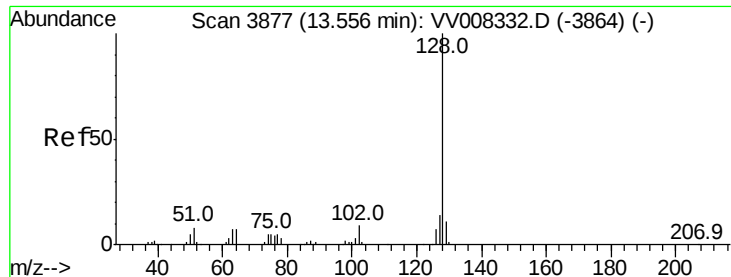
Abundance Ion 43.05 (42.75 to 43.75): VV008332.D (-2198) (-)

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: 0.078 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

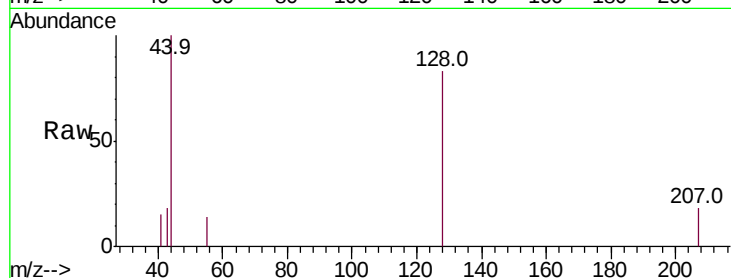
Lab File: VV008345.D

Acq: 18 Oct 2018 16:00

Instrument :

MSVOA_V

ClientSampleId :



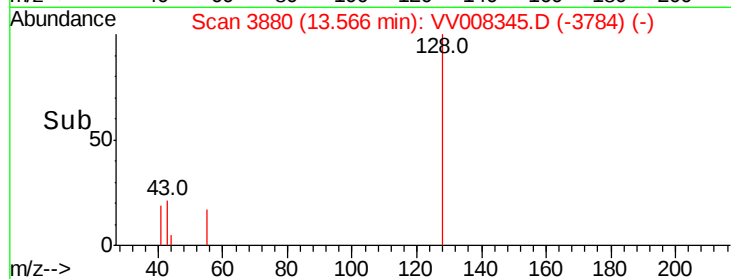
Tot Ion:128 Resp: 932

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

