

Data File : VV008614.D
Acq On : 17 Nov 2018 05:16
Operator : SY/MD
Sample : J5947-15
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C39

Quant Time: Nov 17 05:47:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168603	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	154256	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67970	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35715	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.59	69	28895	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.14	63	53099	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	124414	46.43	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.86%
24) Chloroform-d	4.41	84	90379	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.09	65	48166	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.10	84	186592	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	58716	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.36	98	168727	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	19083	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.14	63	96048	42.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38636	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	57723	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

					Qvalue	
19) 1,1-Dichloroethane	3.23	63	2074	0.097	ug/L #	89
22) cis-1,2-Dichloroethene	3.97	96	3071	0.240	ug/L	87
25) Chloroform	4.43	83	2296	0.085	ug/L #	74
34) Trichloroethene	5.96	95	2734	0.212	ug/L	89
35) Methylcyclohexane	6.12	83	13822	0.631	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	6203	0.483	ug/L #	89
39) cis-1,3-Dichloropropene	7.04	75	1240	0.072	ug/L #	60
47) Tetrachloroethene	8.02	164	10329	1.104	ug/L	94
48) 2-Hexanone	8.14	43	12438	2.449	ug/L #	80
49) Dibromochloromethane	8.02	129	10599	1.139	ug/L #	10

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

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ALS Vial      : 36      Sample Multiplier: 1
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Instrument :
MSVOA_V
ClientSampleId :
F9C39

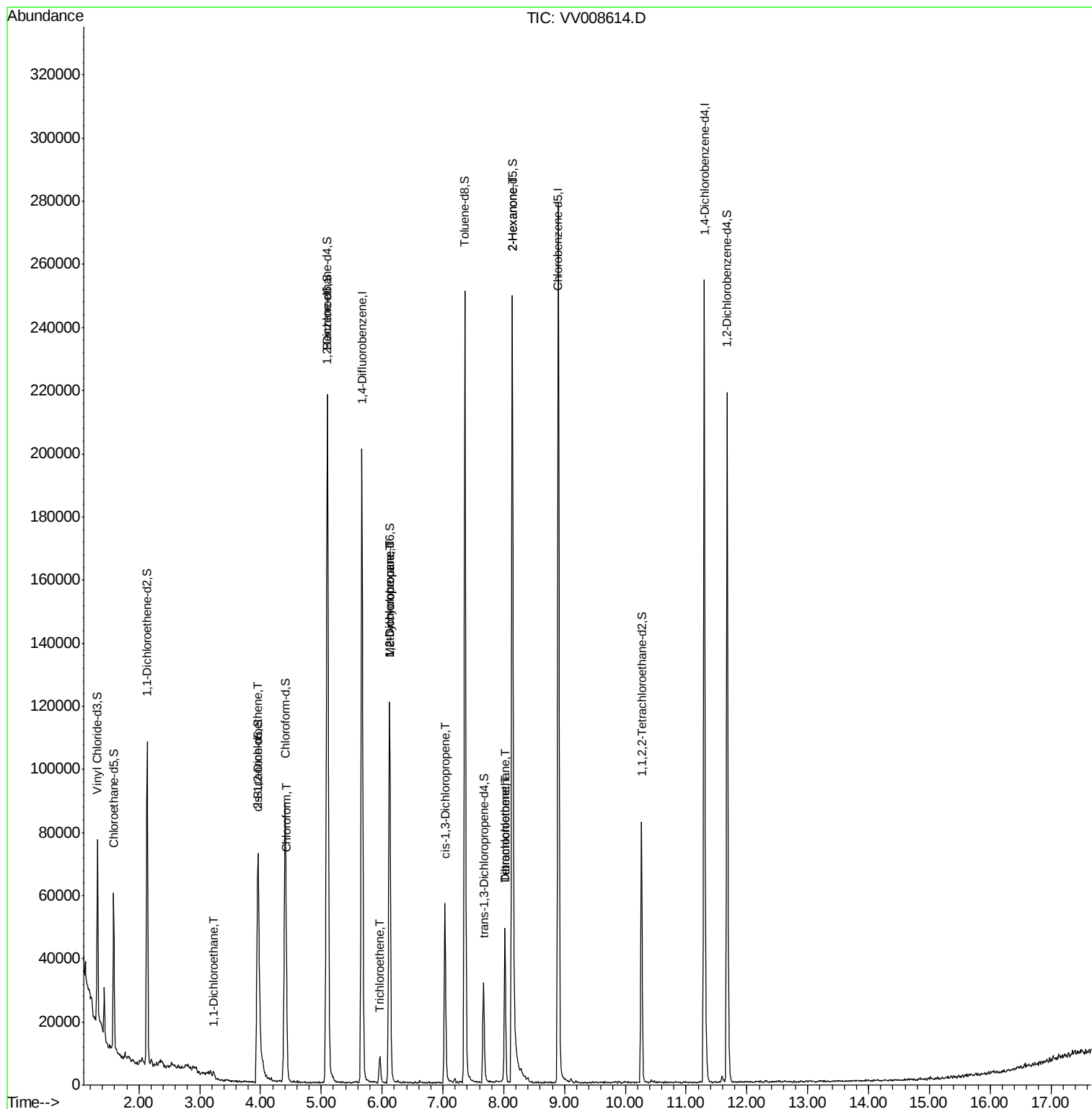
Quant Time: Nov 17 05:47:10 2018

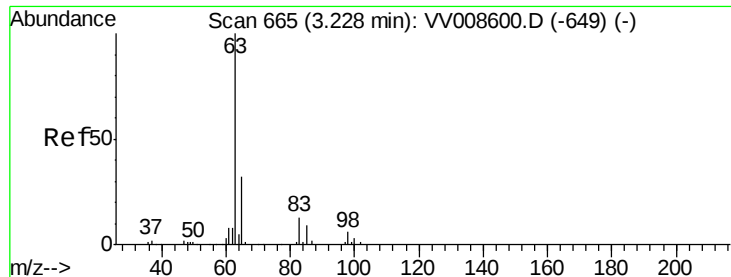
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Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Nov 17 05:41:19 2018

Response via : Initial Calibration

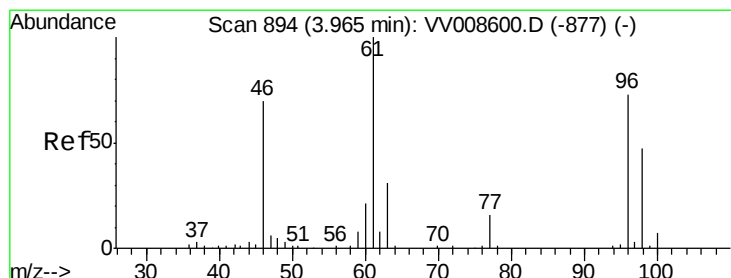
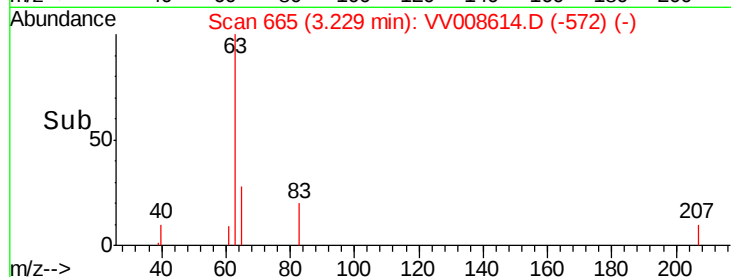
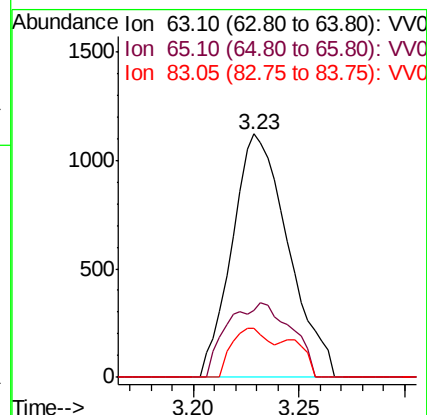
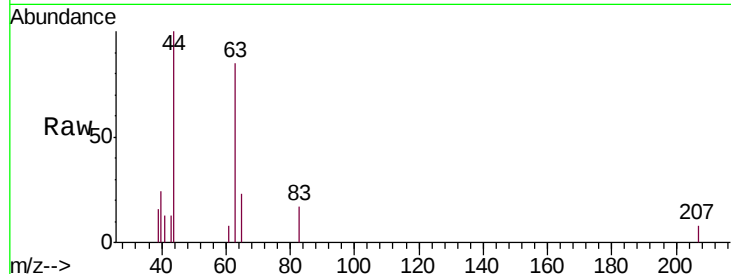




#19
 1,1-Dichloroethane
 Concen: 0.097 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: VV008614.D
 Acq: 17 Nov 2018 05:16

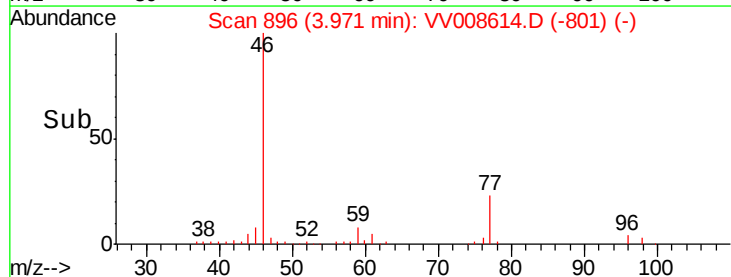
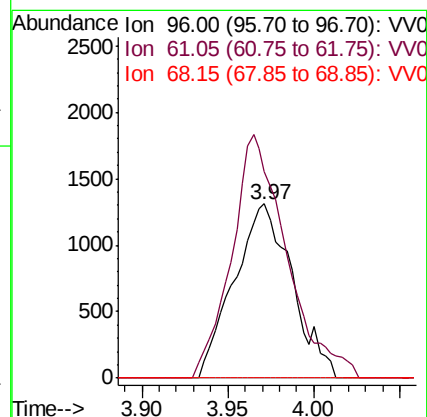
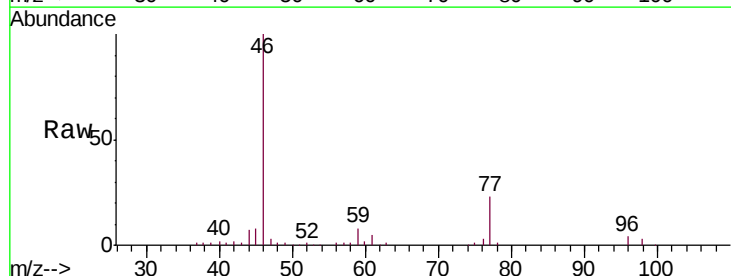
Instrument :
 MSVOA_V
 ClientSampleId :
 F9C39

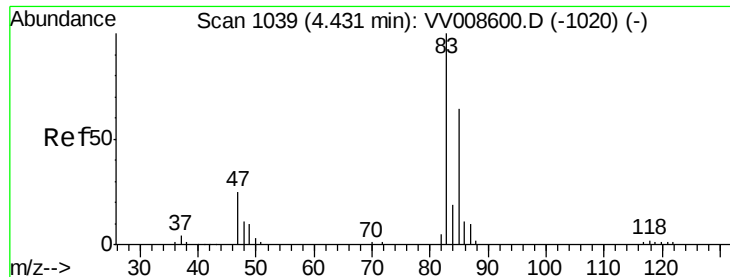
Tgt Ion: 63 Resp: 2074
 Ion Ratio Lower Upper
 63 100
 65 27.5 23.2 43.0
 83 19.9 9.5 17.7#



#22
 cis-1,2-Dichloroethene
 Concen: 0.240 ug/L
 RT: 3.97 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: VV008614.D
 Acq: 17 Nov 2018 05:16

Tgt Ion: 96 Resp: 3071
 Ion Ratio Lower Upper
 96 100
 61 118.1 93.2 173.2
 68 0.0 0.0 0.0

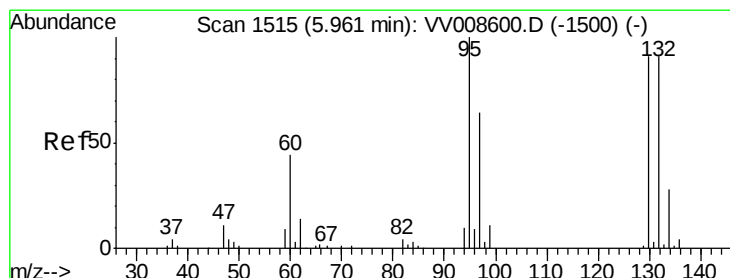
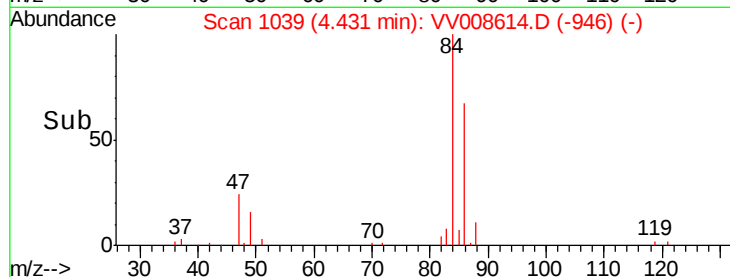
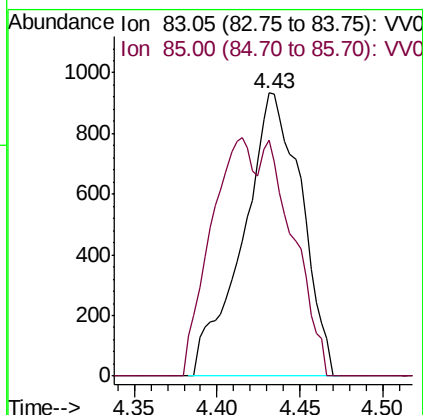
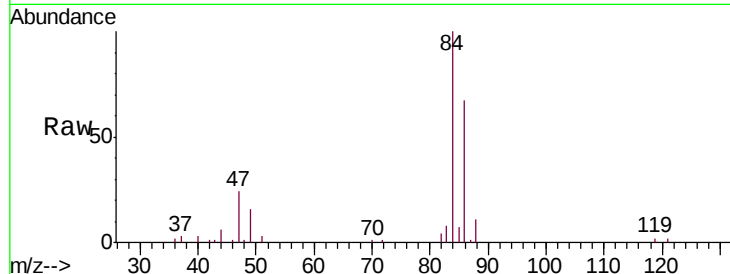




#25
Chloroform
Concen: 0.085 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008614.D
Acq: 17 Nov 2018 05:16

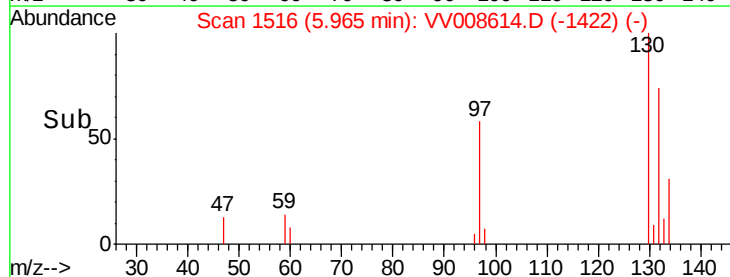
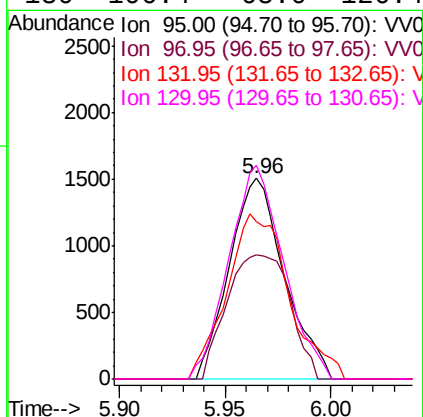
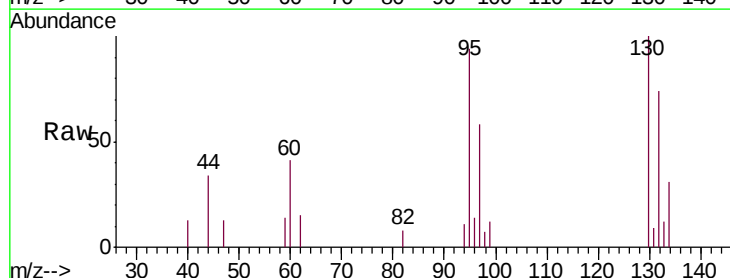
Instrument :
MSVOA_V
ClientSampled :
F9C39

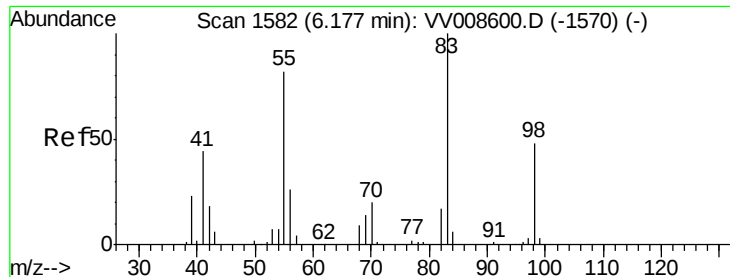
Tgt Ion: 83 Resp: 2296
Ion Ratio Lower Upper
83 100
85 83.6 44.4 82.5#



#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008614.D
Acq: 17 Nov 2018 05:16

Tgt Ion: 95 Resp: 2734
Ion Ratio Lower Upper
95 100
97 62.1 45.1 83.7
132 78.3 66.3 123.1
130 106.4 68.0 126.4

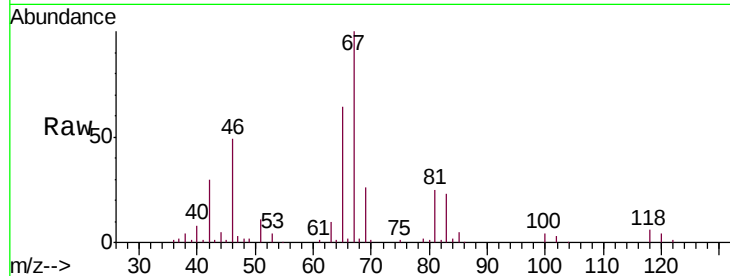




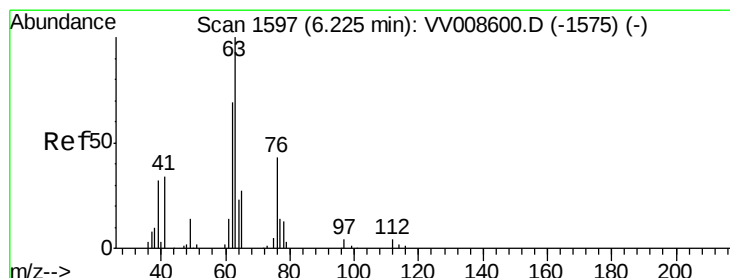
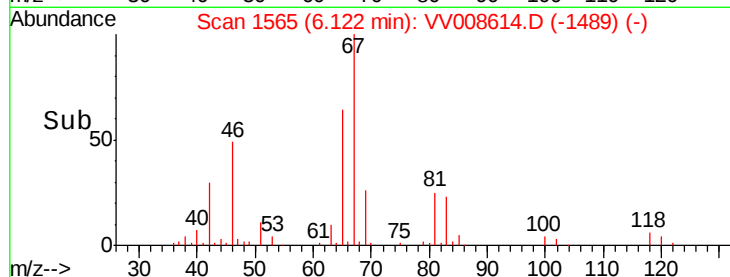
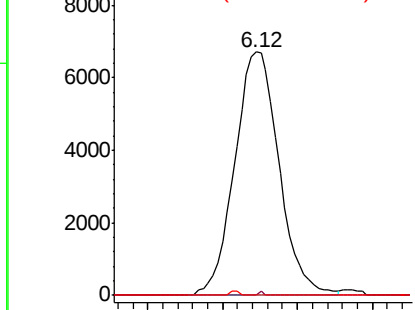
#35
Methylcyclohexane
Concen: 0.631 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008614.D
Acq: 17 Nov 2018 05:16

Instrument :
MSVOA_V
ClientSampled :
F9C39

Tgt Ion: 83 Resp: 13822
Ion Ratio Lower Upper
83 100
55 0.2 65.6 98.4#
98 0.3 36.4 54.6#

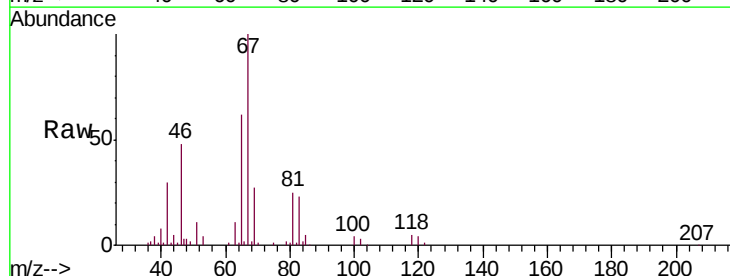


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

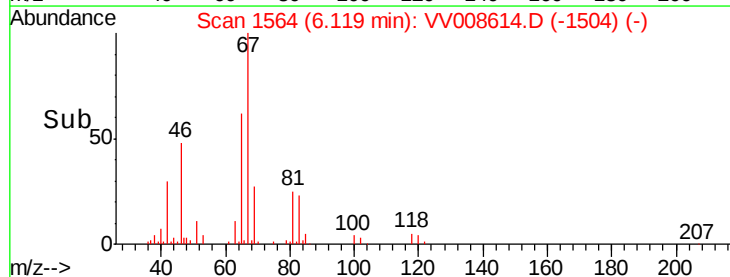
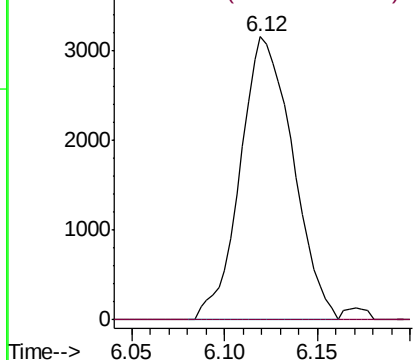


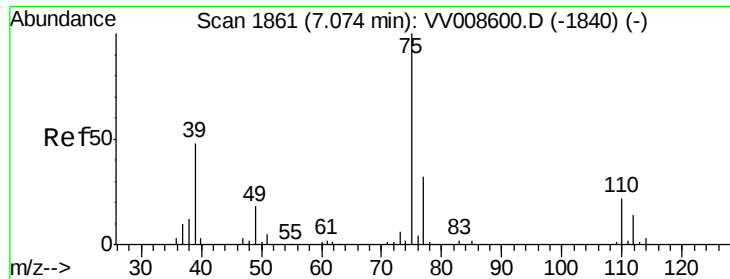
#37
1,2-Dichloropropane
Concen: 0.483 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008614.D
Acq: 17 Nov 2018 05:16

Tgt Ion: 63 Resp: 6203
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV008614.D

Acq: 17 Nov 2018 05:16

Instrument :

MSVOA_V

ClientSampleId :

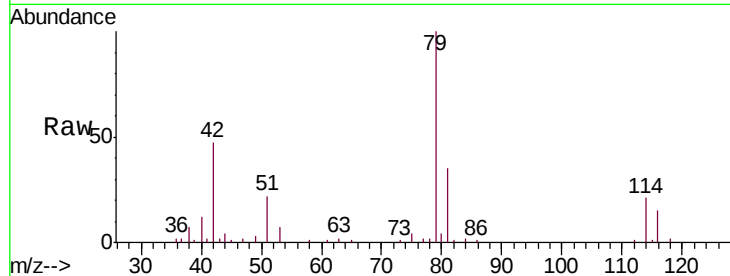
F9C39

Tgt Ion: 75 Resp: 1240

Ion Ratio Lower Upper

75 100

77 55.2 23.0 42.8#



Abundance Ion 75.05 (74.75 to 75.75): VV008614.D (-1768) (-)

Ion 77.05 (76.75 to 77.75): VV008614.D (-1768) (-)

7.04

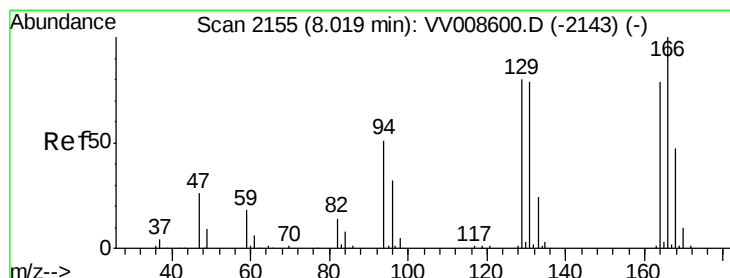
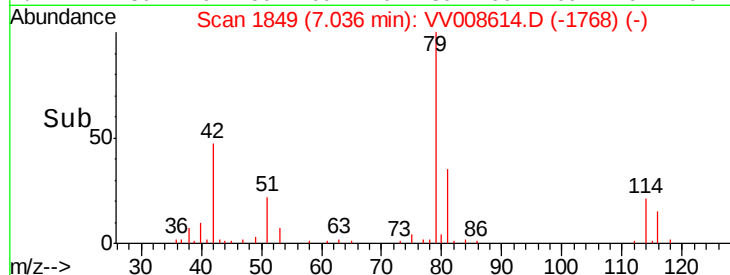
600

400

200

0

Time-->



#47

Tetrachloroethene

Concen: 1.104 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. 0.00 min

Lab File: VV008614.D

Acq: 17 Nov 2018 05:16

Tgt Ion: 164 Resp: 10329

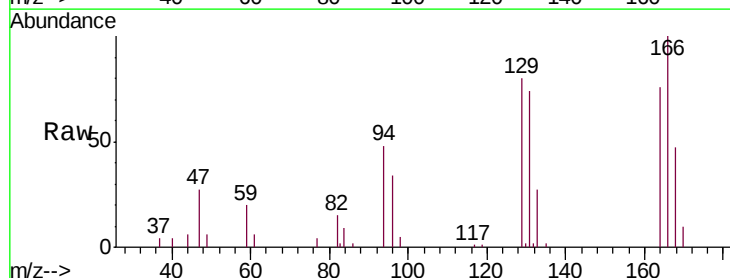
Ion Ratio Lower Upper

164 100

129 104.9 67.5 125.4

131 97.2 66.4 123.4

166 131.2 85.8 159.3



Abundance Ion 163.90 (163.60 to 164.60): VV008614.D (-2062) (-)

Ion 128.95 (128.65 to 129.65): VV008614.D (-2062) (-)

Ion 130.95 (130.65 to 131.65): VV008614.D (-2062) (-)

Ion 165.90 (165.60 to 166.60): VV008614.D (-2062) (-)

8.02

12000

10000

8000

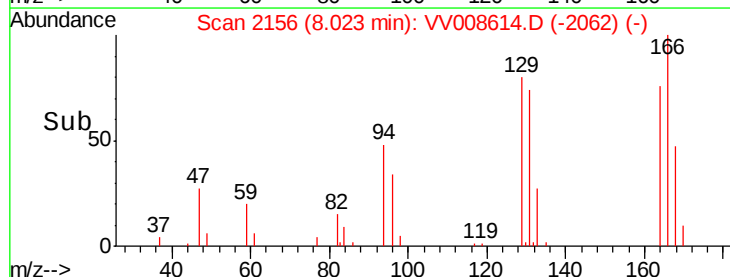
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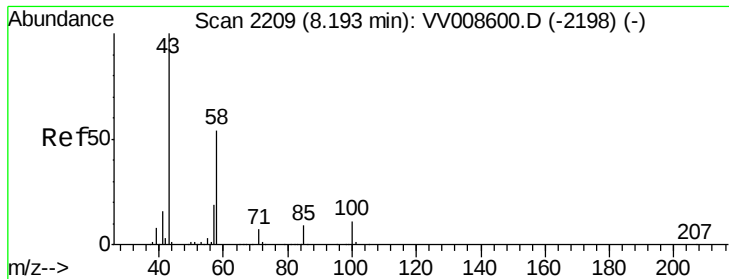
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2000

0

Time-->

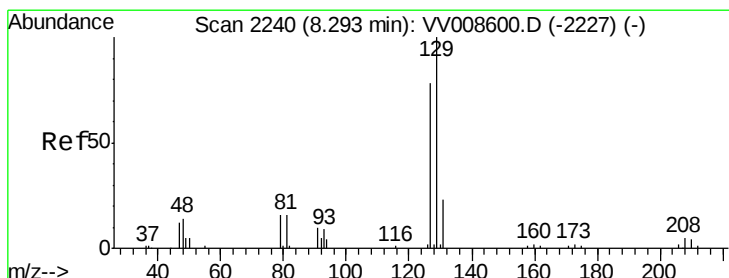
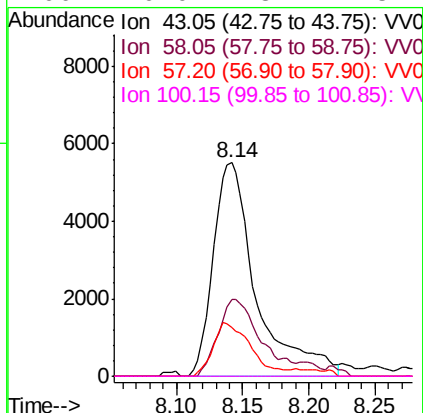
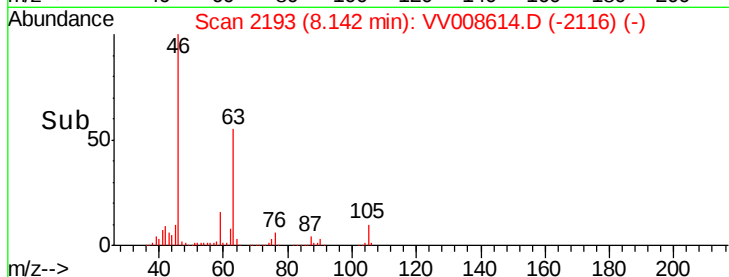
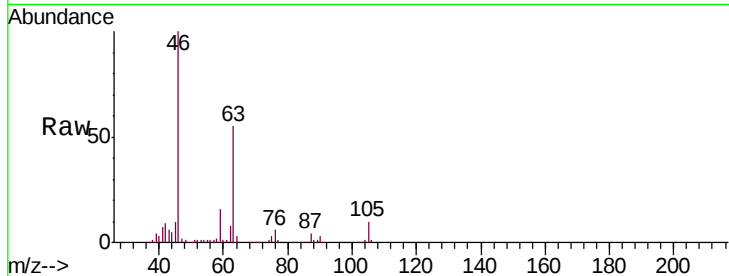




#48
2-Hexanone
Concen: 2.449 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008614.D
Acq: 17 Nov 2018 05:16

Instrument :
MSVOA_V
ClientSampleId :
F9C39

Tgt Ion: 43 Resp: 12438
Ion Ratio Lower Upper
43 100
58 35.5 41.8 62.8#
57 21.8 15.4 23.0
100 0.0 8.7 13.1#



#49
Dibromochloromethane
Concen: 1.139 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008614.D
Acq: 17 Nov 2018 05:16

Tgt Ion: 129 Resp: 10599
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#

