

Data File : VV009968.D
Acq On : 28 Mar 2019 16:20
Operator : SY/MD
Sample : K2101-18
Misc : 5.83G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0G6

Quant Time: Mar 29 02:23:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 29 02:19:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	138368	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	149422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	62799	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56408	20.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.36%
7) Chloroethane-d5	1.58	69	67223	22.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.68%
10) 1,1-Dichloroethene-d2	2.13	63	121576	15.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.32%
20) 2-Butanone-d5	3.93	46	31983	61.13	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.26%
24) Chloroform-d	4.40	84	89840	25.48	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.92%
26) 1,2-Dichloroethane-d4	5.08	65	66766	31.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.88%
29) Benzene-d6	5.10	84	193900	24.71	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.84%
33) 1,2-Dichloropropane-d6	6.12	67	61081	26.61	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.44%
37) Toluene-d8	7.36	98	172566	23.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.92%
38) trans-1,3-Dichloropropene-	7.66	79	23485	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.04%
39) 2-Hexanone-d5	8.13	63	23700	55.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61133	26.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.60%
61) 1,2-Dichlorobenzene-d4	11.67	152	64416	26.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.76%

Target Compounds

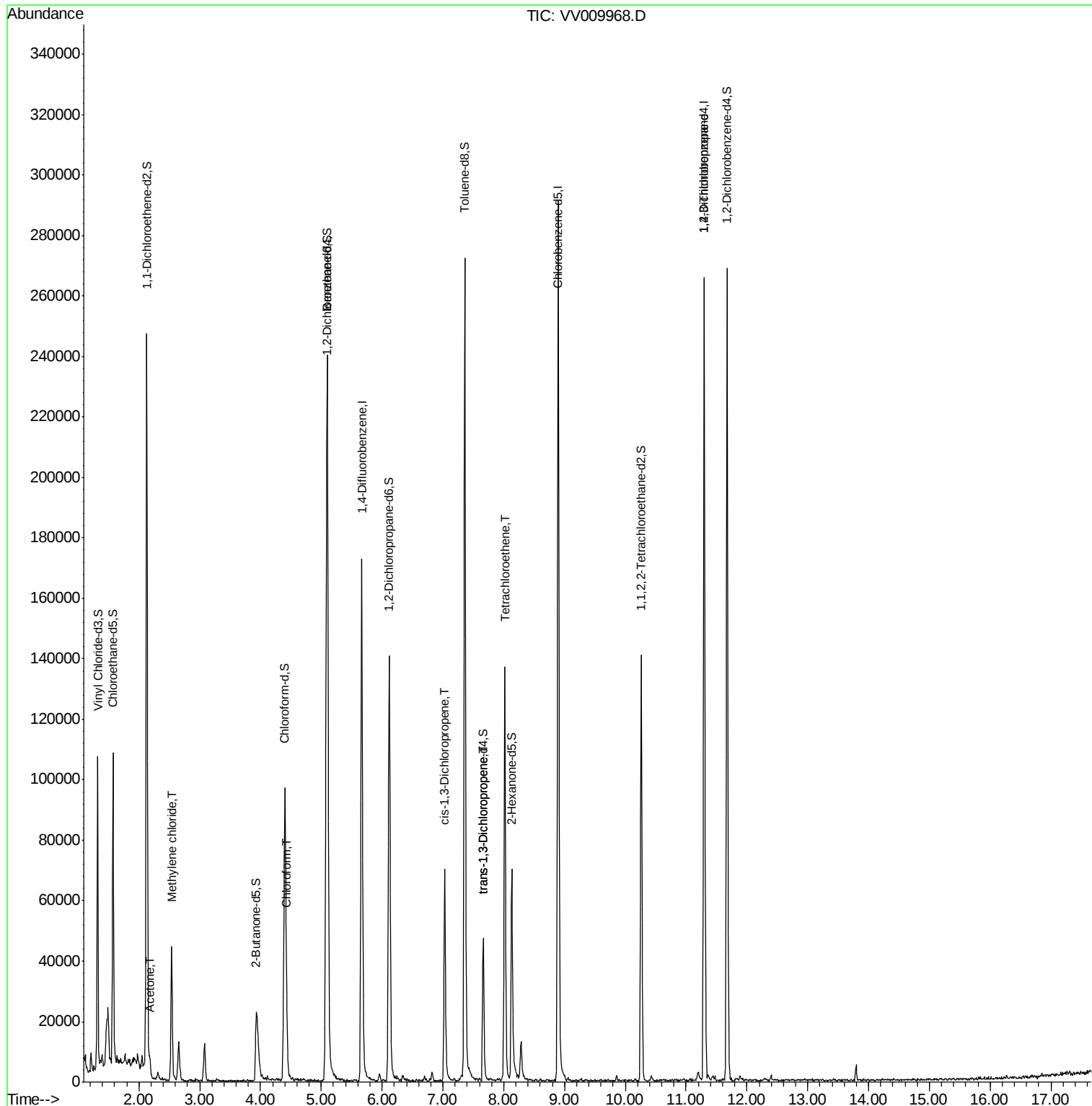
						Qvalue
13) Acetone	2.19	43	2631	3.321	ug/L	76
16) Methylene chloride	2.54	84	16844	7.392	ug/L	98
25) Chloroform	4.43	83	9015	2.459	ug/L	91
42) cis-1,3-Dichloropropene	7.03	75	2134	0.714	ug/L	83
45) trans-1,3-Dichloropropene	7.66	75	1490	0.609	ug/L #	72
47) Tetrachloroethene	8.02	164	27087	15.860	ug/L	94
59) 1,2,3-Trichloropropane	11.30	75	9926	6.017	ug/L #	87

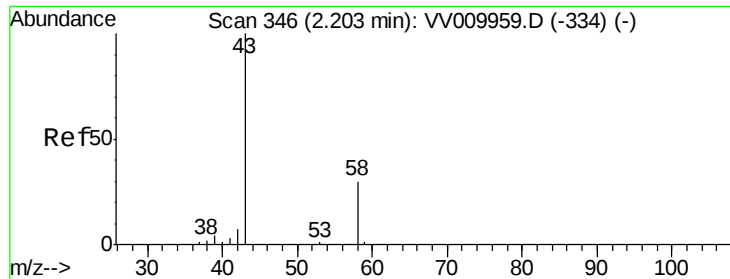
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.321 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

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Acq: 28 Mar 2019 16:20

Instrument :

MSVOA_V

ClientSampleId :

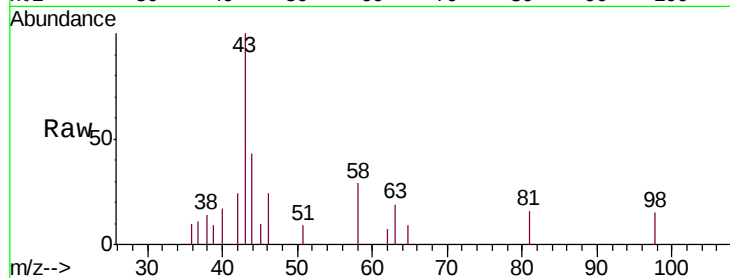
BF0G6

Tgt Ion: 43 Resp: 2631

Ion Ratio Lower Upper

43 100

58 16.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV009959.D (-334) (-)

Ion 58.00 (57.70 to 58.70): VV009959.D (-334) (-)

1500

1000

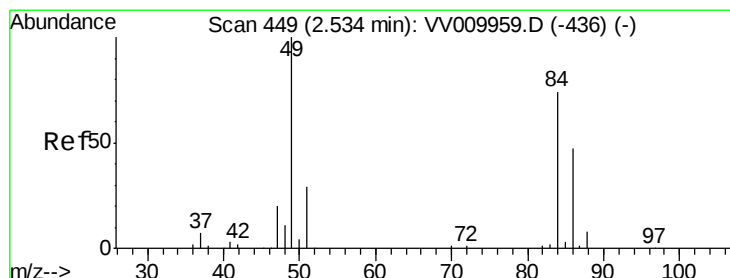
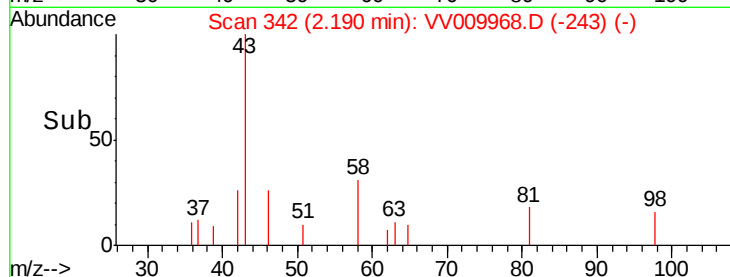
500

0

2.15

2.20

Time-->



#16

Methylene chloride

Concen: 7.392 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009968.D

Acq: 28 Mar 2019 16:20

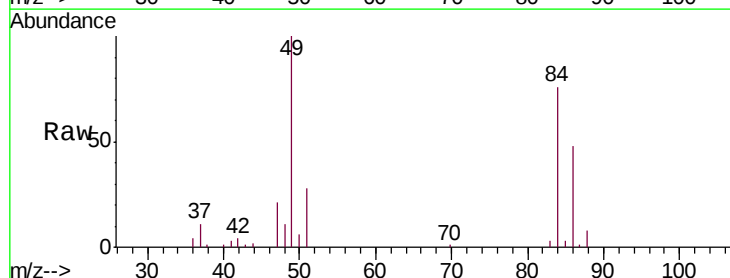
Tgt Ion: 84 Resp: 16844

Ion Ratio Lower Upper

84 100

49 132.0 90.4 167.8

86 63.2 44.0 81.6



Abundance Ion 84.00 (83.70 to 84.70): VV009959.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009959.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009959.D (-436) (-)

15000

10000

5000

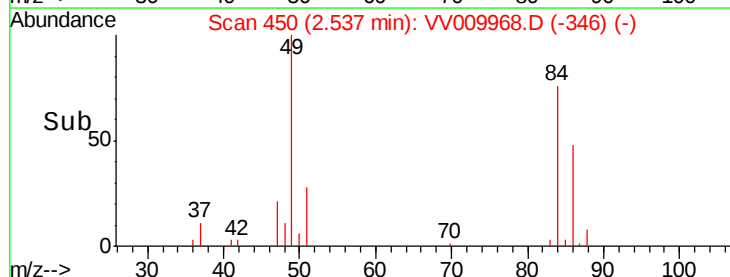
0

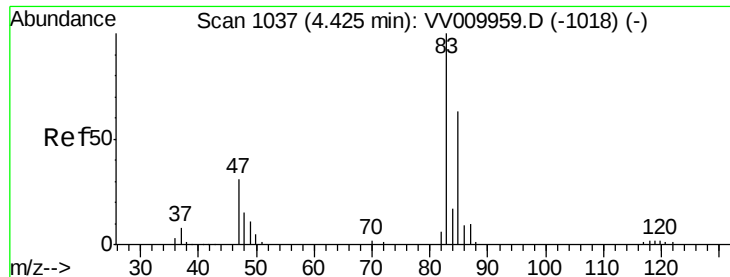
2.50

2.55

2.60

Time-->

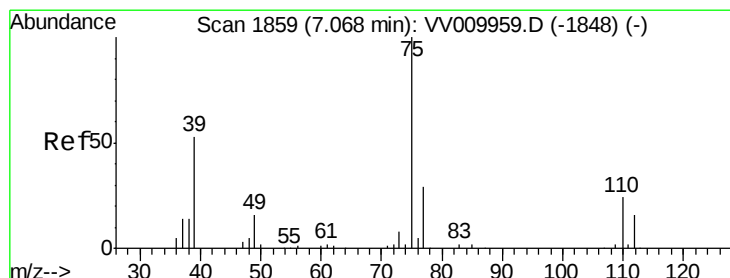
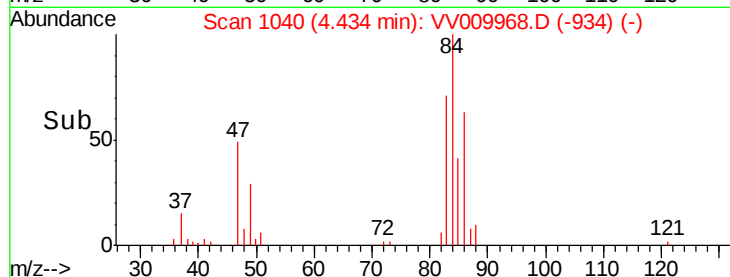
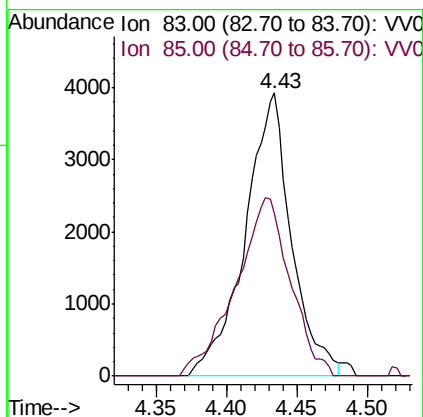
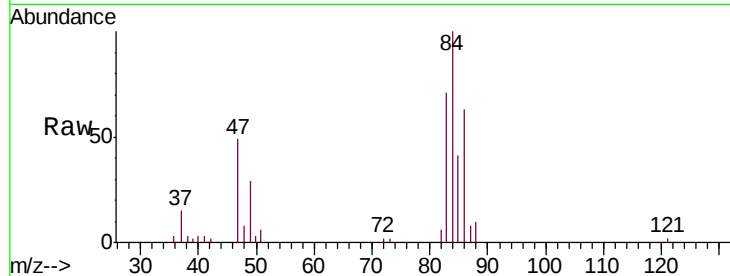




#25
Chloroform
Concen: 2.459 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009968.D
Acq: 28 Mar 2019 16:20

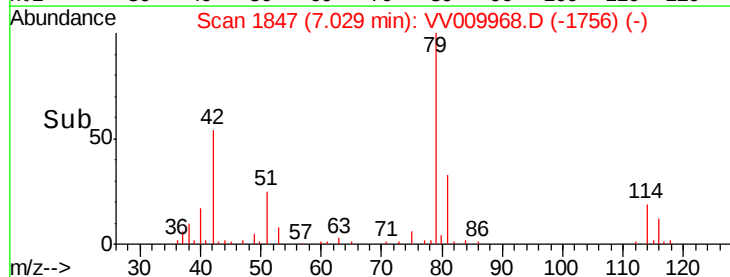
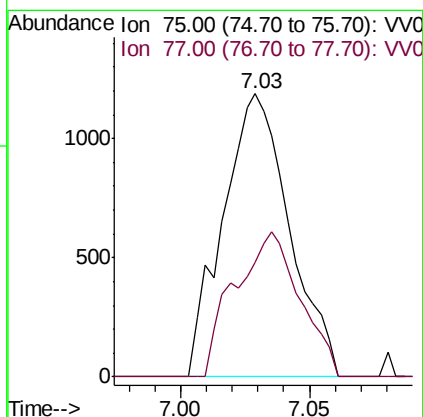
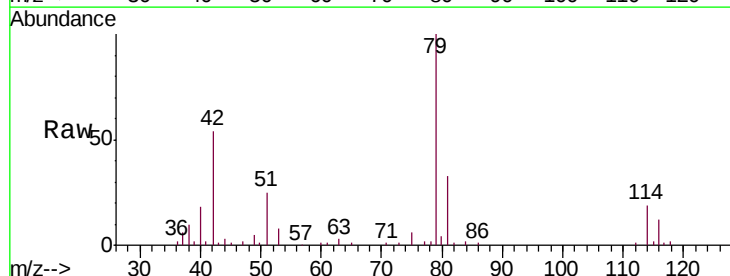
Instrument :
MSVOA_V
ClientSampleId :
BF0G6

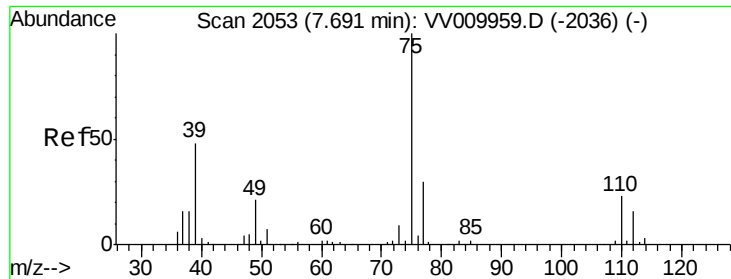
Tgt Ion: 83 Resp: 9015
Ion Ratio Lower Upper
83 100
85 73.3 46.1 85.7



#42
cis-1,3-Dichloropropene
Concen: 0.714 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV009968.D
Acq: 28 Mar 2019 16:20

Tgt Ion: 75 Resp: 2134
Ion Ratio Lower Upper
75 100
77 40.3 21.8 40.6





#45

trans-1,3-Dichloropropene

Concen: 0.609 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV009968.D

Acq: 28 Mar 2019 16:20

Instrument :

MSVOA_V

ClientSampleId :

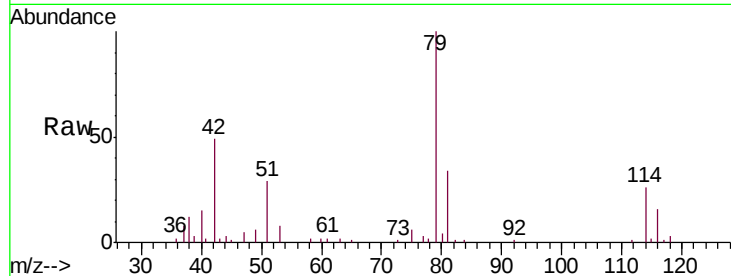
BF0G6

Tgt Ion: 75 Resp: 1490

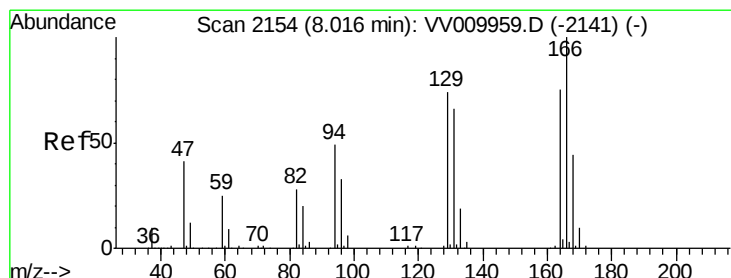
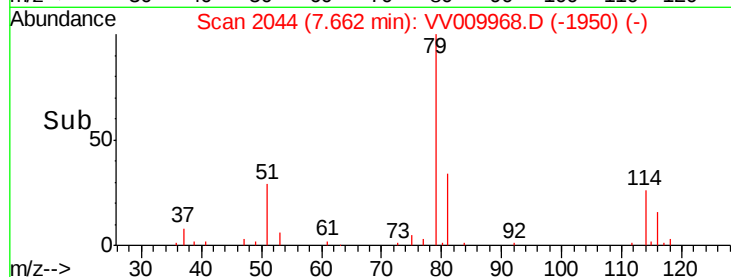
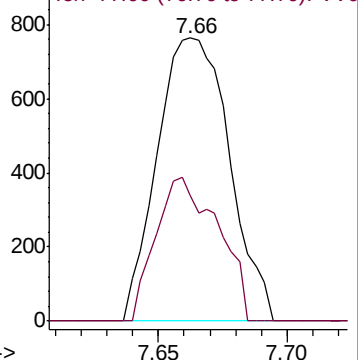
Ion Ratio Lower Upper

75 100

77 44.7 20.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV009959.D (-2036) (-)



#47

Tetrachloroethene

Concen: 15.860 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV009968.D

Acq: 28 Mar 2019 16:20

Tgt Ion: 164 Resp: 27087

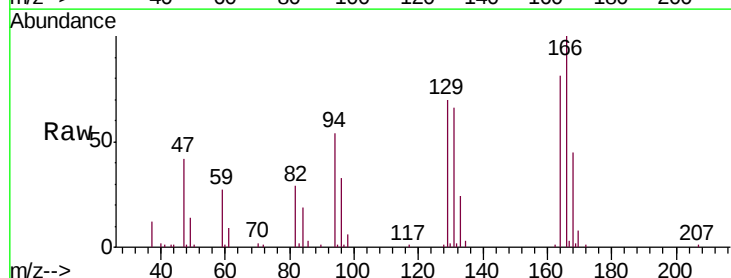
Ion Ratio Lower Upper

164 100

129 86.7 64.9 120.5

131 82.1 62.0 115.2

166 124.2 82.9 153.9

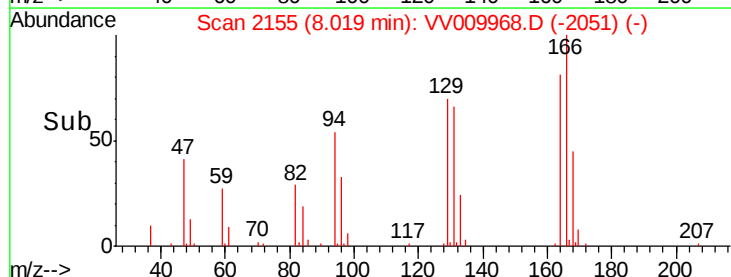
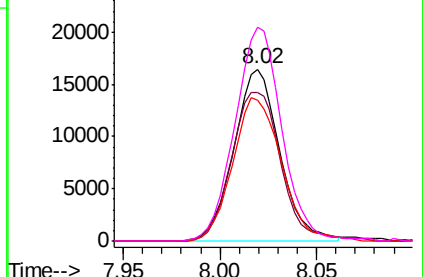


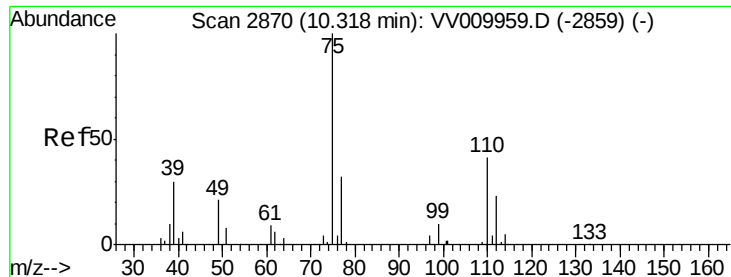
Abundance Ion 164.00 (163.70 to 164.70): VV009959.D (-2141) (-)

Ion 129.00 (128.70 to 129.70): VV009959.D (-2141) (-)

Ion 131.00 (130.70 to 131.70): VV009959.D (-2141) (-)

Ion 166.00 (165.70 to 166.70): VV009959.D (-2141) (-)





#59

1,2,3-Trichloropropane

Concen: 6.017 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009968.D

Acq: 28 Mar 2019 16:20

Instrument :

MSVOA_V

ClientSampleId :

BF0G6

Tgt Ion: 75 Resp: 9926

Ion Ratio Lower Upper

75 100

77 39.9 26.2 39.2#

