

Data File : VV009665.D
Acq On : 14 Mar 2019 15:00
Operator : SY/MD
Sample : K1885-01
Misc : 5.17G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF185

Quant Time: Mar 15 04:33:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM031319S.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 15 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	151594	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	146279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60153	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41195	21.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.00%
7) Chloroethane-d5	1.57	69	41054	17.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.68%
10) 1,1-Dichloroethene-d2	2.12	63	88944	16.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.88%
20) 2-Butanone-d5	3.93	46	20164	39.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.42%
24) Chloroform-d	4.40	84	77016	19.93	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.72%
26) 1,2-Dichloroethane-d4	5.08	65	49905	22.82	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.28%
29) Benzene-d6	5.10	84	169476	22.09	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.36%
33) 1,2-Dichloropropane-d6	6.12	67	52321	23.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.36%
37) Toluene-d8	7.36	98	165608	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.24%
38) trans-1,3-Dichloropropene-	7.66	79	20545	19.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.76%
39) 2-Hexanone-d5	8.13	63	16474	39.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.80%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	43439	20.46	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	52948	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds

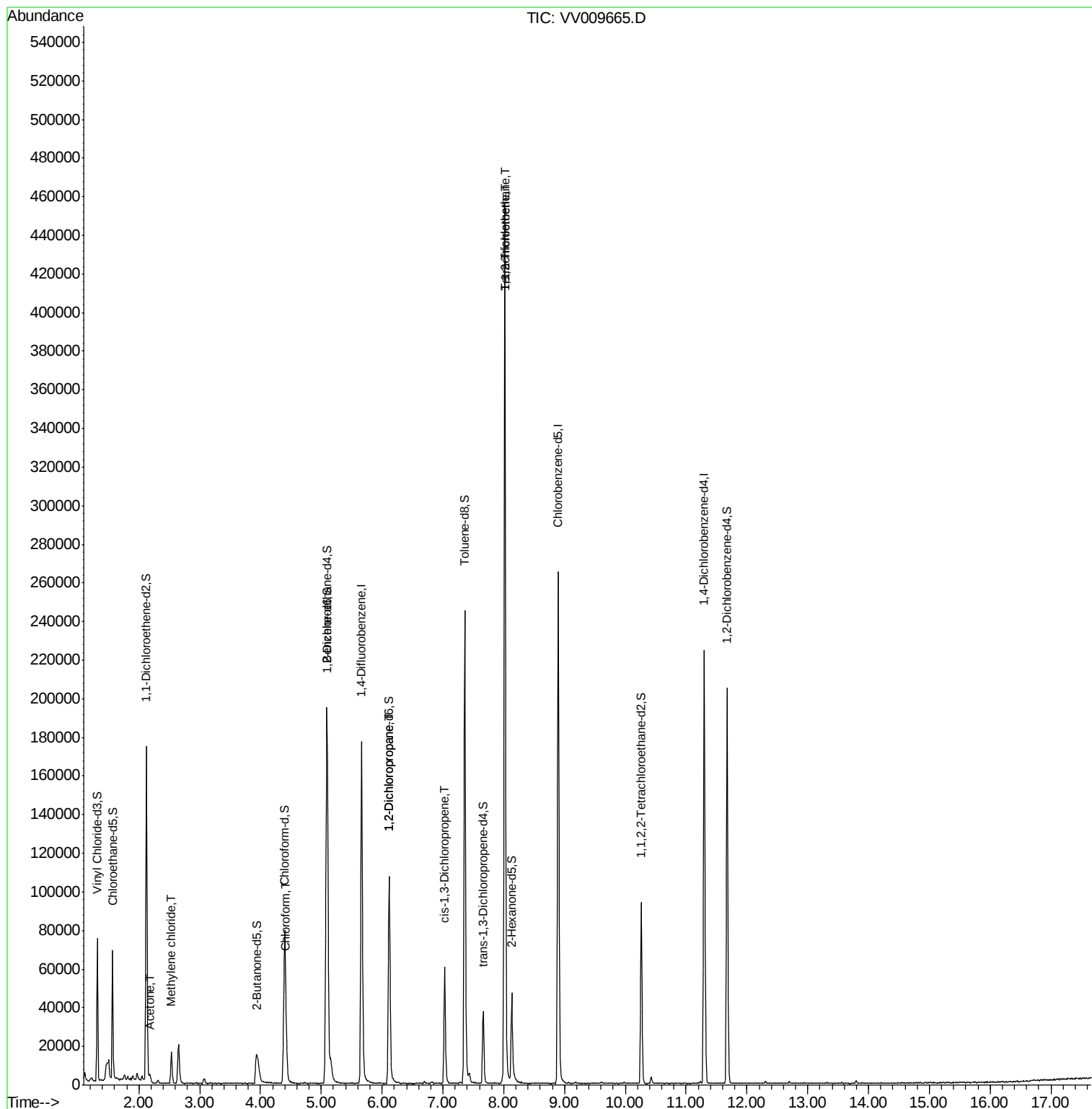
					Qvalue
13) Acetone	2.18	43	1419	2.318 ug/L	86
16) Methylene chloride	2.53	84	6581	2.982 ug/L	98
25) Chloroform	4.43	83	9377	2.381 ug/L	99
40) 1,2-Dichloropropane	6.11	63	5566	2.763 ug/L #	88
42) cis-1,3-Dichloropropene	7.03	75	2093	0.684 ug/L #	71
46) 1,1,2-Trichloroethane	8.01	97	1028	0.611 ug/L #	25
47) Tetrachloroethene	8.02	164	92262	50.723 ug/L	99

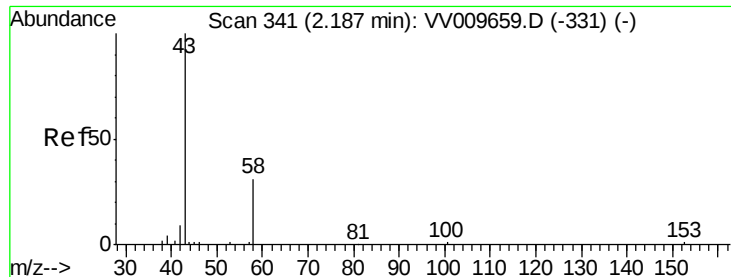
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.318 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.00 min

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Acq: 14 Mar 2019 15:00

Instrument :

MSVOA_V

ClientSampled :

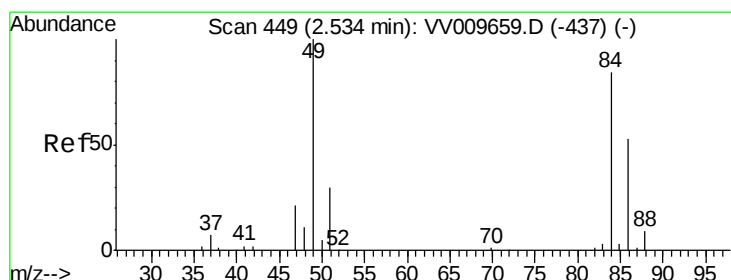
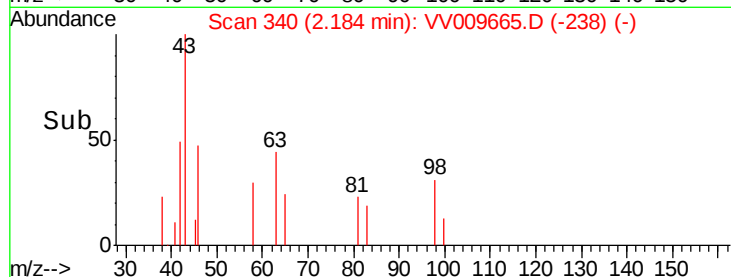
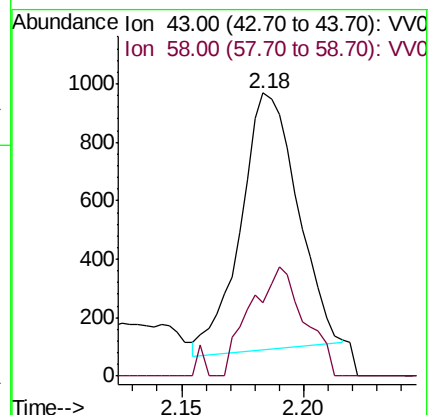
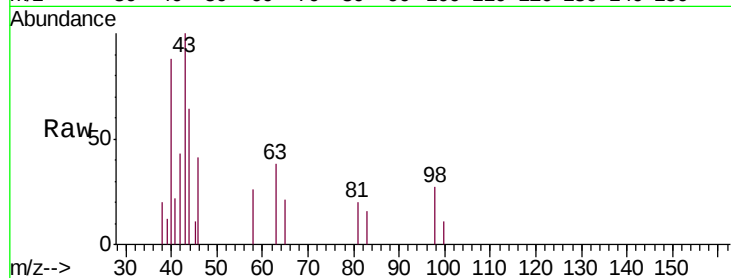
BF185

Tgt Ion: 43 Resp: 1419

Ion Ratio Lower Upper

43 100

58 40.5 0.0 64.8



#16

Methylene chloride

Concen: 2.982 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009665.D

Acq: 14 Mar 2019 15:00

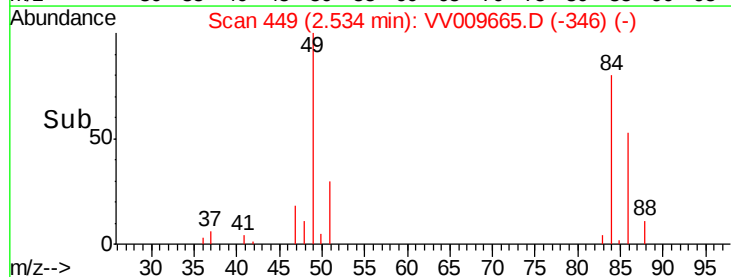
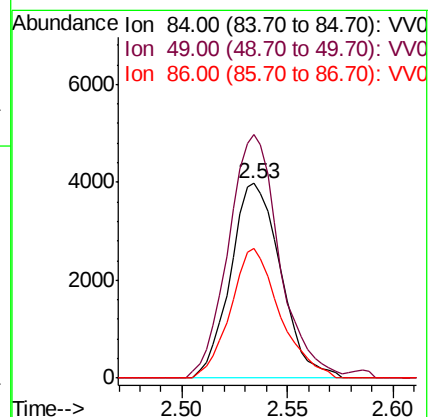
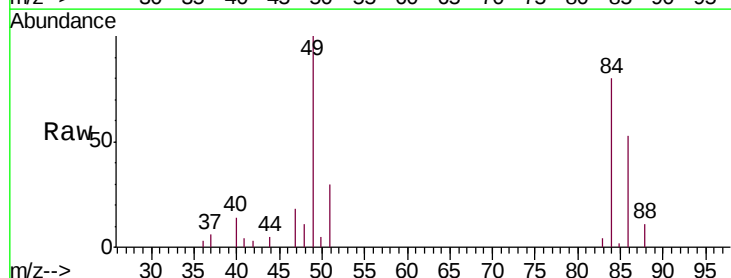
Tgt Ion: 84 Resp: 6581

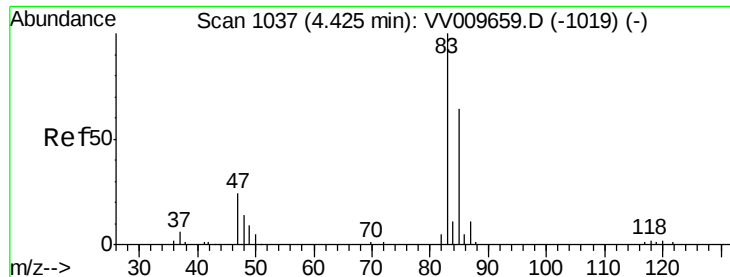
Ion Ratio Lower Upper

84 100

49 124.9 86.1 159.9

86 66.5 45.2 84.0

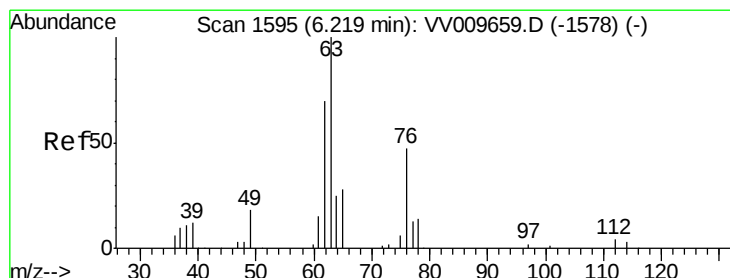
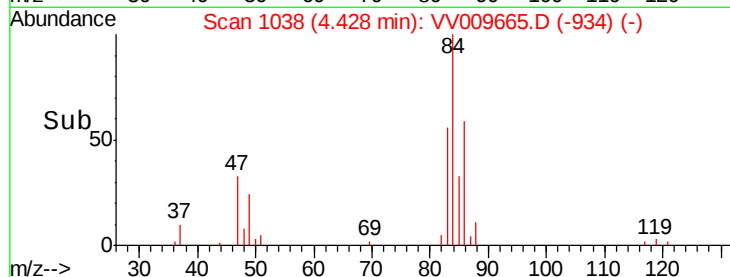
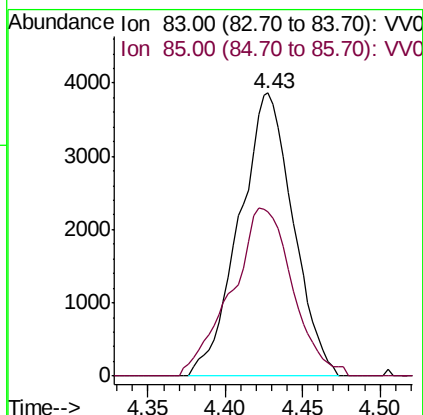
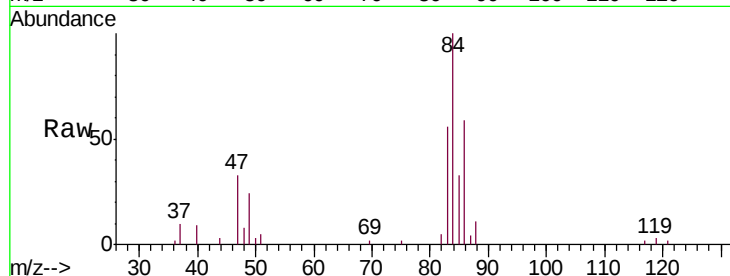




#25
Chloroform
Concen: 2.381 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009665.D
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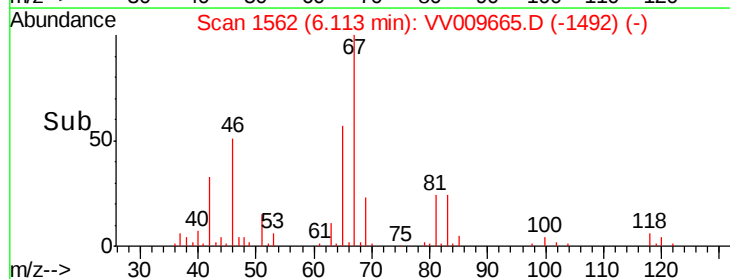
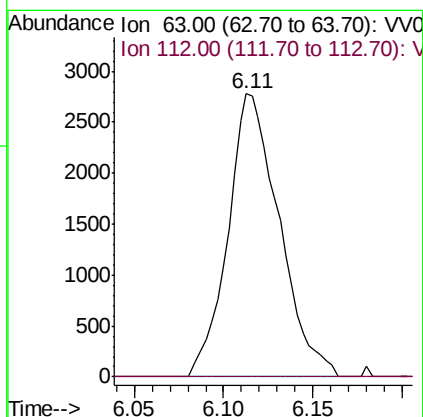
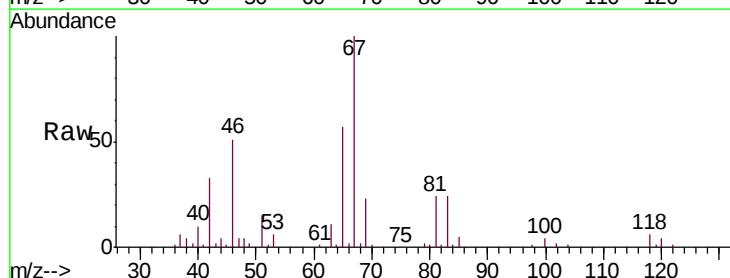
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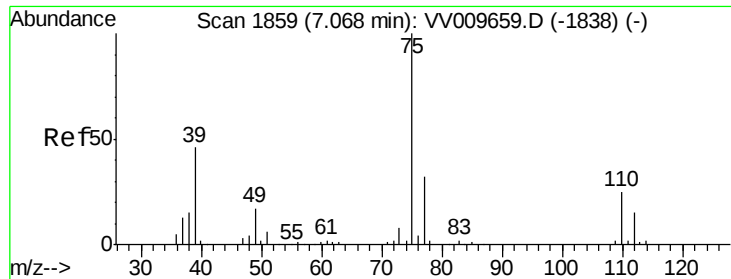
Tgt Ion: 83 Resp: 9377
Ion Ratio Lower Upper
83 100
85 66.9 46.4 86.2



#40
1,2-Dichloropropane
Concen: 2.763 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV009665.D
Acq: 14 Mar 2019 15:00

Tgt Ion: 63 Resp: 5566
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



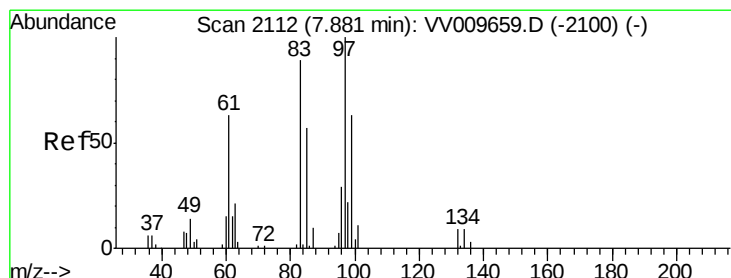
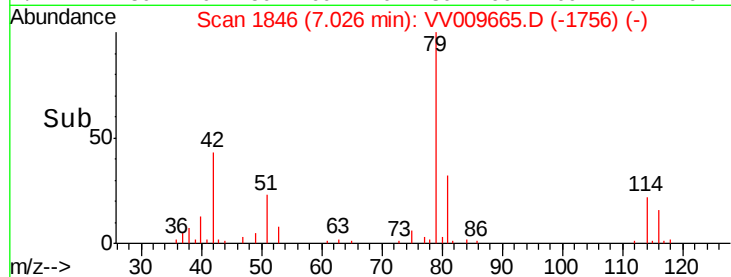
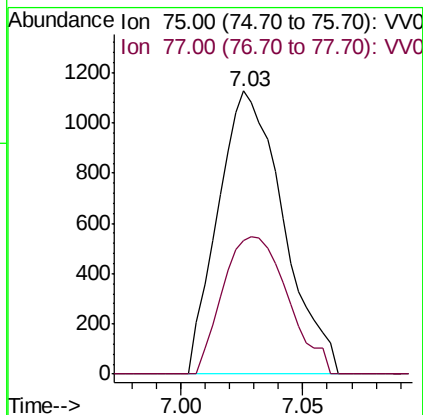
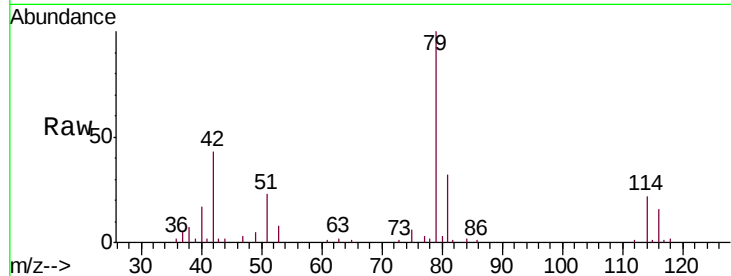


#42

cis-1,3-Dichloropropene
Concen: 0.684 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV009665.D
Acq: 14 Mar 2019 15:00

Instrument :
MSVOA_V
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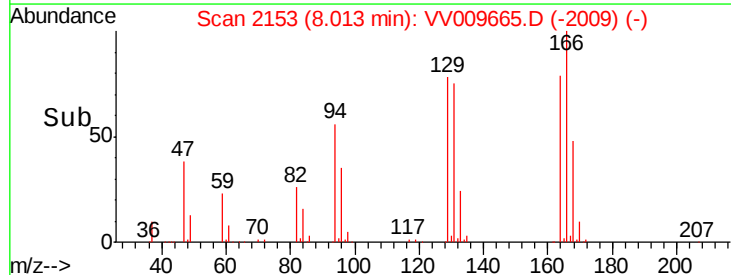
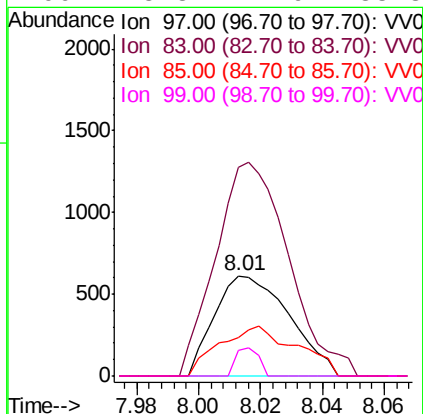
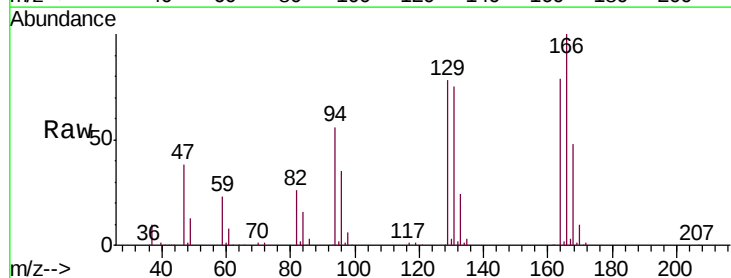
Tgt Ion: 75 Resp: 2093
Ion Ratio Lower Upper
75 100
77 47.4 22.0 40.8#

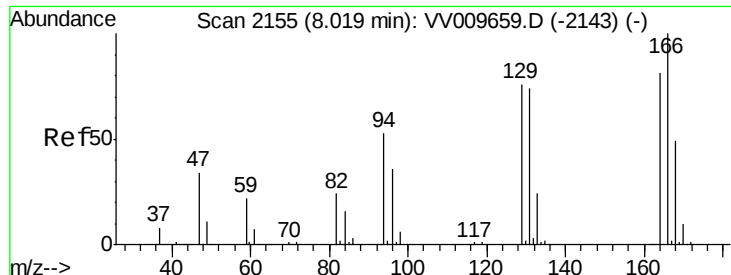


#46

1,1,2-Trichloroethane
Concen: 0.611 ug/L
RT: 8.01 min Scan# 2153
Delta R.T. 0.13 min
Lab File: VV009665.D
Acq: 14 Mar 2019 15:00

Tgt Ion: 97 Resp: 1028
Ion Ratio Lower Upper
97 100
83 208.0 62.9 116.7#
85 38.3 40.0 74.2#
99 25.8 44.9 83.3#





#47

Tetrachloroethene

Concen: 50.723 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV009665.D

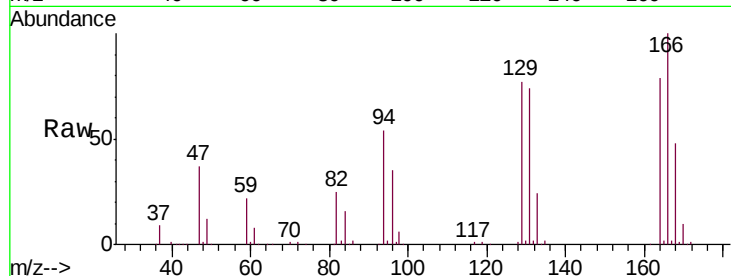
Acq: 14 Mar 2019 15:00

Instrument :

MSVOA_V

ClientSampleId :

BF185



Tgt Ion:164 Resp: 92262

Ion Ratio Lower Upper

164 100

129 97.3 69.0 128.1

131 94.2 65.7 122.1

166 126.9 89.4 166.0

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

