

Data File : VV009905.D
Acq On : 26 Mar 2019 20:20
Operator : SY/MD
Sample : K2083-19
Misc : 6.26G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF0J6

Quant Time: Mar 27 01:48:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:42:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152543	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	157229	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67759	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74616	24.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	82514	24.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.72%
10) 1,1-Dichloroethene-d2	2.13	63	164337	19.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.64%
20) 2-Butanone-d5	3.93	46	26162	45.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.70%
24) Chloroform-d	4.40	84	93687	24.11	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.44%
26) 1,2-Dichloroethane-d4	5.08	65	58539	25.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.12%
29) Benzene-d6	5.10	84	213811	25.89	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.56%
33) 1,2-Dichloropropane-d6	6.12	67	64656	26.77	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.08%
37) Toluene-d8	7.36	98	195353	25.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.00%
38) trans-1,3-Dichloropropene-	7.66	79	22578	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.40%
39) 2-Hexanone-d5	8.13	63	17675	39.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.40%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	52596	21.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	68708	26.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.52%

Target Compounds

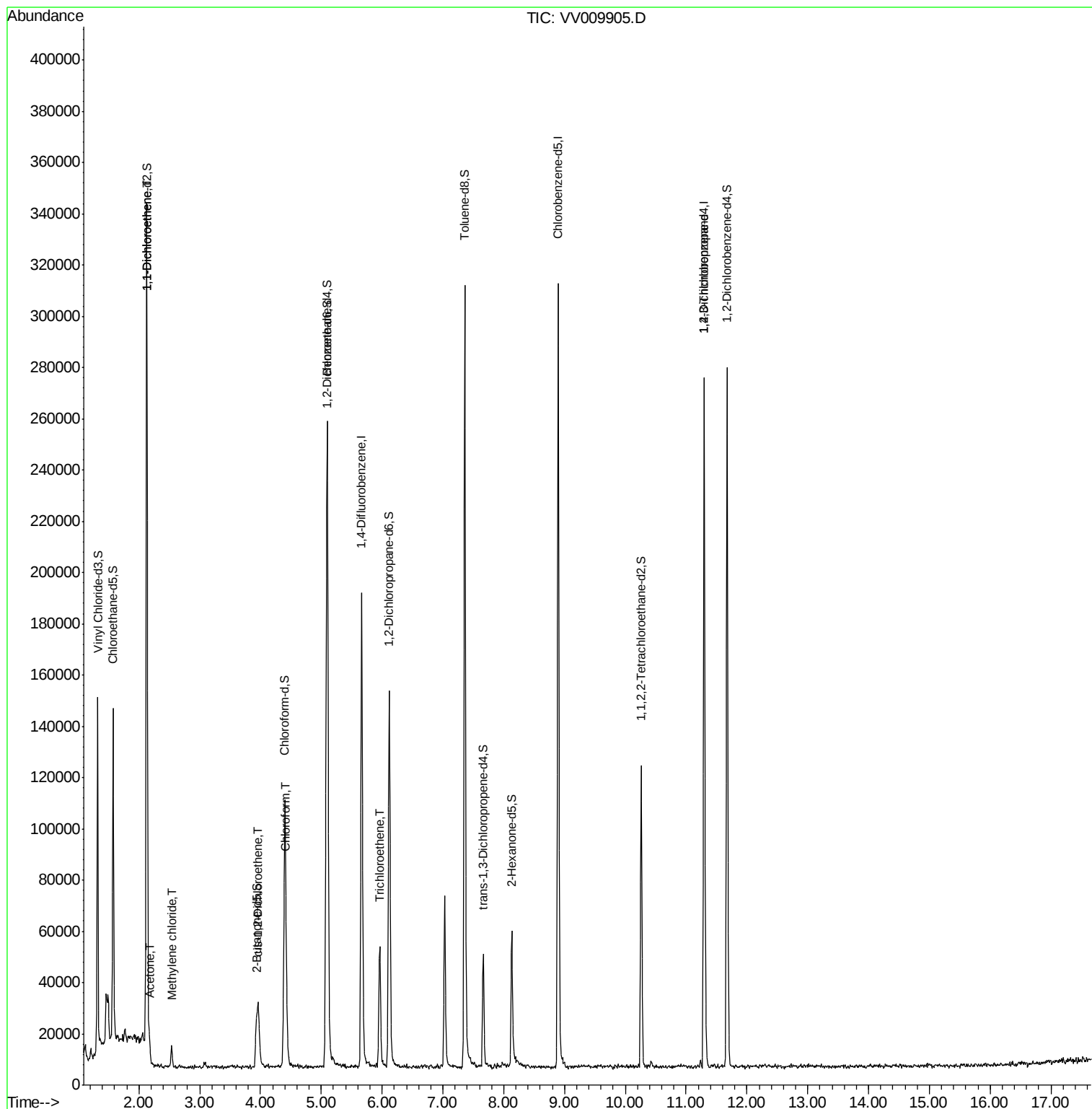
					Qvalue
12) 1,1-Dichloroethene	2.13	96	1792	0.480 ug/L	# 1
13) Acetone	2.19	43	1118	1.280 ug/L	75
16) Methylene chloride	2.54	84	2665	1.061 ug/L	92
22) cis-1,2-Dichloroethene	3.96	96	9879	4.476 ug/L	92
25) Chloroform	4.43	83	10089	2.496 ug/L	95
35) Trichloroethene	5.96	95	15500	6.806 ug/L	92
59) 1,2,3-Trichloropropane	11.30	75	10376	5.977 ug/L	94

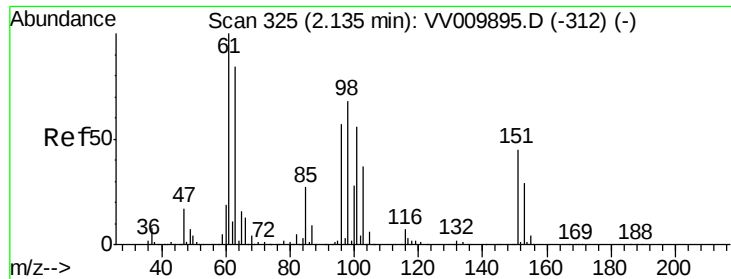
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.480 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009905.D

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Instrument :

MSVOA_V

ClientSampleId :

BF0J6

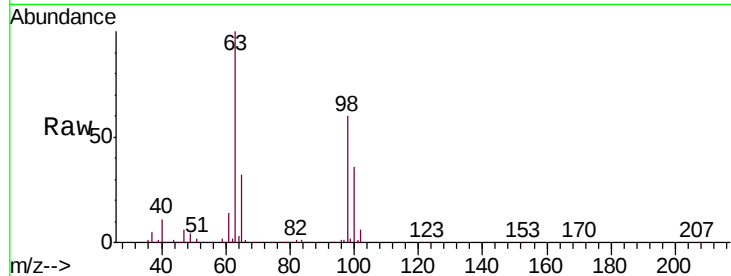
Tgt Ion: 96 Resp: 1792

Ion Ratio Lower Upper

96 100

61 1493.0 124.3 230.8#

63 10694.1 88.2 163.8#

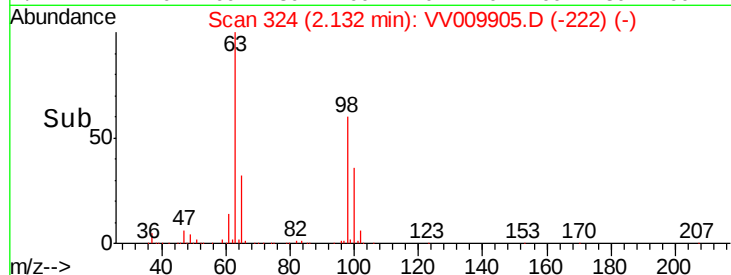


Abundance Ion 96.00 (95.70 to 96.70): VV009895.D (-312) (-)

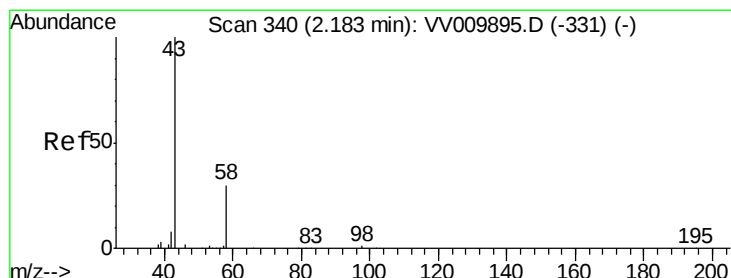
Ion 61.00 (60.70 to 61.70): VV009895.D (-312) (-)

Ion 63.00 (62.70 to 63.70): VV009895.D (-312) (-)

Time-->



Time-->



#13

Acetone

Concen: 1.280 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV009905.D

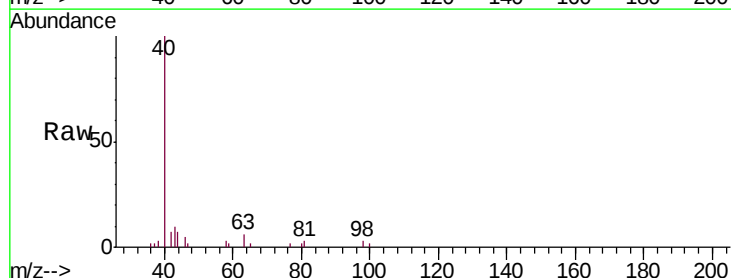
Acq: 26 Mar 2019 20:20

Tgt Ion: 43 Resp: 1118

Ion Ratio Lower Upper

43 100

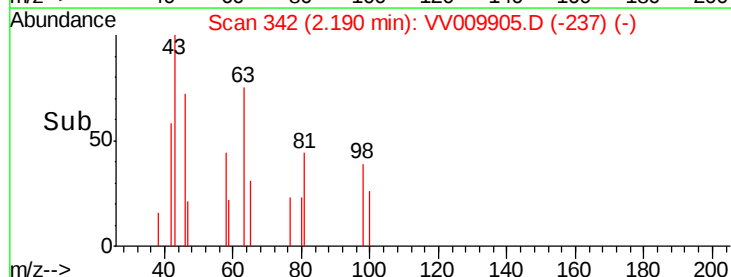
58 16.0 0.0 59.4



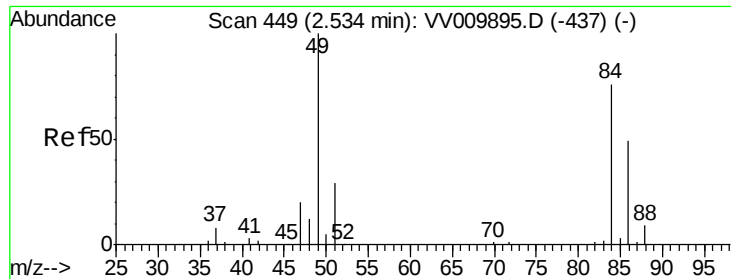
Abundance Ion 43.00 (42.70 to 43.70): VV009895.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV009895.D (-331) (-)

Time-->



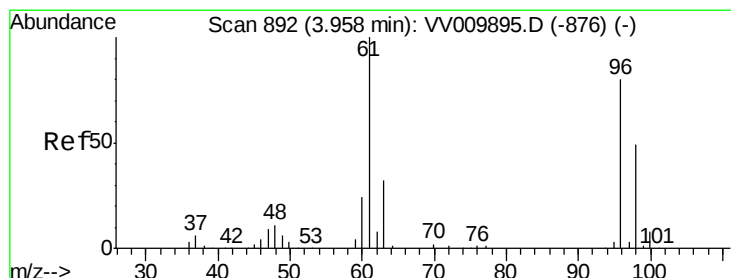
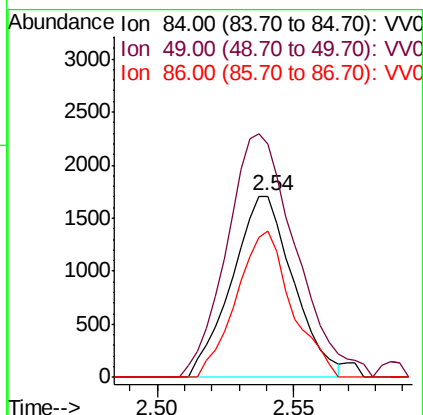
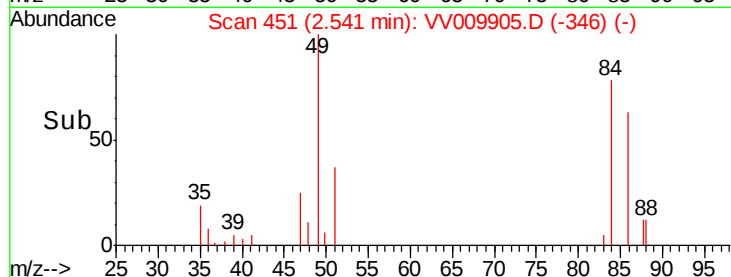
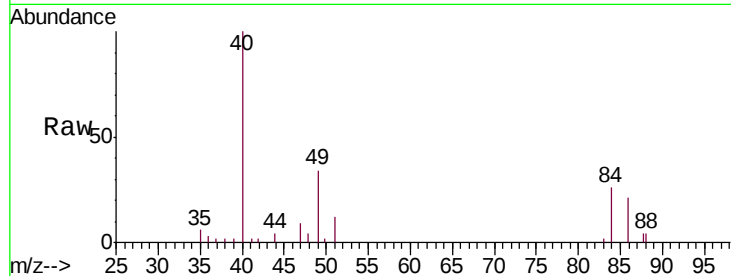
Time-->



#16
Methylene chloride
Concen: 1.061 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV009905.D
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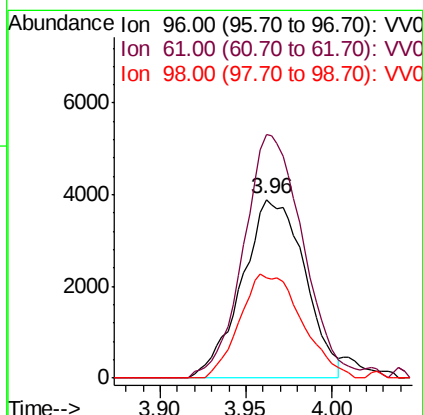
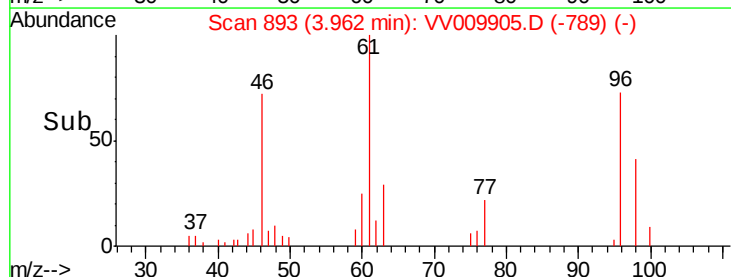
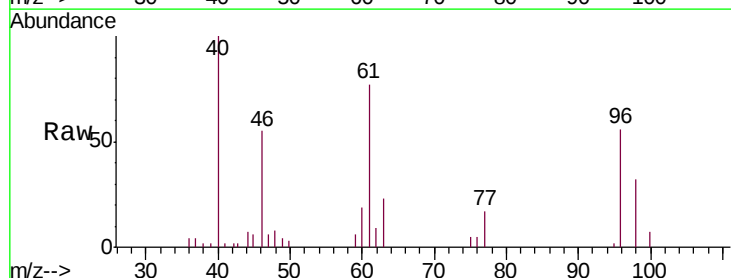
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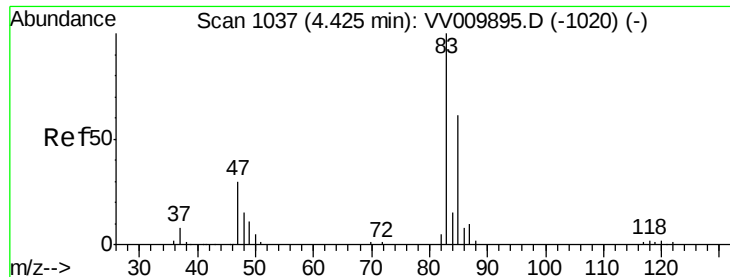
Tgt Ion: 84 Resp: 2665
Ion Ratio Lower Upper
84 100
49 128.9 90.4 167.8
86 80.8 44.0 81.6



#22
cis-1,2-Dichloroethene
Concen: 4.476 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV009905.D
Acq: 26 Mar 2019 20:20

Tgt Ion: 96 Resp: 9879
Ion Ratio Lower Upper
96 100
61 136.1 91.4 169.8
98 56.2 48.0 89.2

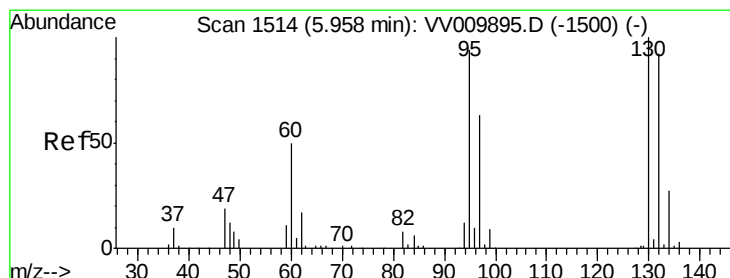
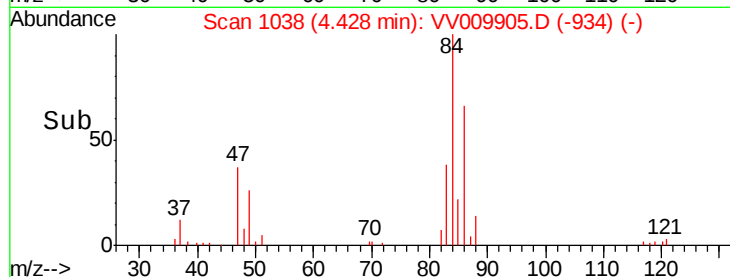
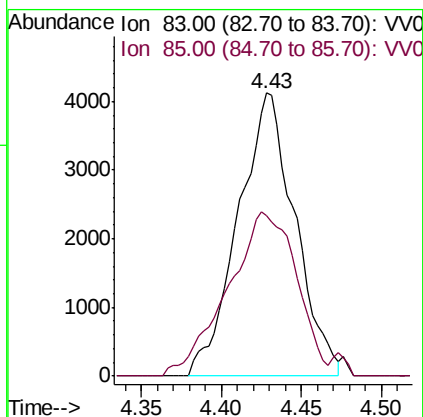
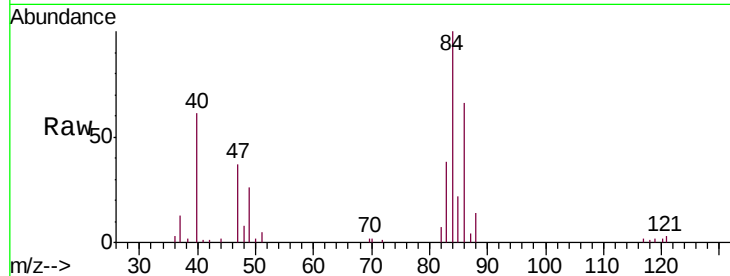




#25
Chloroform
Concen: 2.496 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
Lab File: VV009905.D
Acq: 26 Mar 2019 20:20

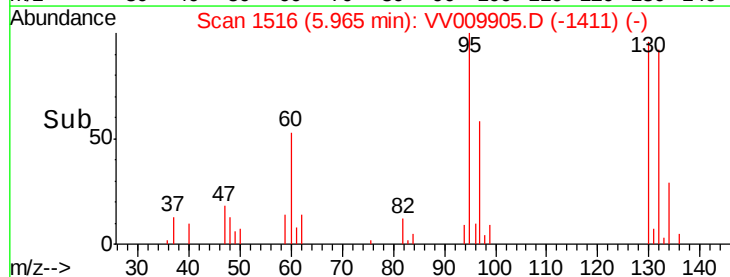
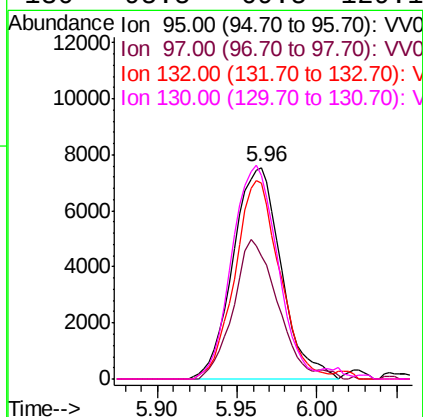
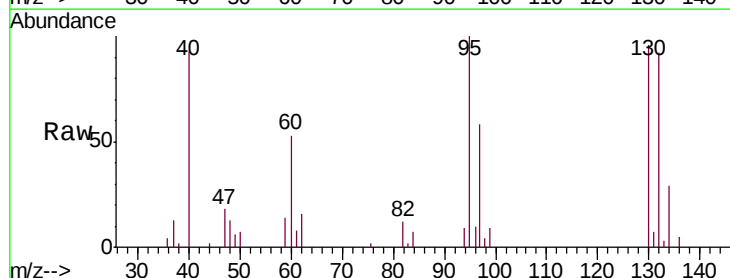
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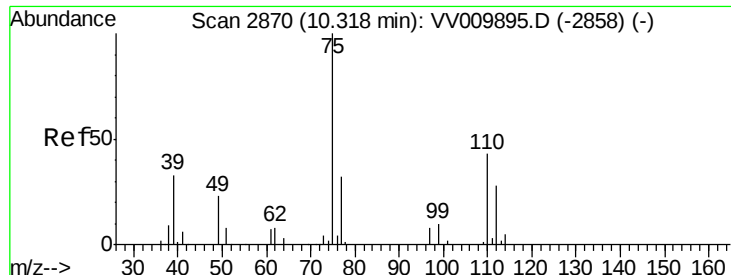
Tgt Ion: 83 Resp: 10089
Ion Ratio Lower Upper
83 100
85 70.2 46.1 85.7



#35
Trichloroethene
Concen: 6.806 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV009905.D
Acq: 26 Mar 2019 20:20

Tgt Ion: 95 Resp: 15500
Ion Ratio Lower Upper
95 100
97 59.8 46.3 85.9
132 87.4 69.3 128.7
130 95.5 69.5 129.1





#59

1,2,3-Trichloropropane

Concen: 5.977 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009905.D

Acq: 26 Mar 2019 20:20

Instrument :

MSVOA_V

ClientSampleId :

BF0J6

Tgt Ion: 75 Resp: 10376

Ion Ratio Lower Upper

75 100

77 35.9 26.2 39.2

