

Data File : VV009185.D
Acq On : 07 Jan 2019 16:30
Operator : SY/MD
Sample : K1050-05
Misc : 7.57G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BE9W2

Quant Time: Jan 08 00:31:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 00:28:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	228001	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	207683	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98786	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30622	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.56%
7) Chloroethane-d5	1.58	69	37002	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.84%
10) 1,1-Dichloroethene-d2	2.13	63	76088	14.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.40%
20) 2-Butanone-d5	3.97	46	29715	27.08	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.16%
24) Chloroform-d	4.40	84	117578	24.49	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.96%
26) 1,2-Dichloroethane-d4	5.08	65	61565	23.97	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.88%
29) Benzene-d6	5.10	84	230477	24.91	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.64%
33) 1,2-Dichloropropane-d6	6.12	67	69704	26.27	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.08%
37) Toluene-d8	7.36	98	205471	23.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.16%
38) trans-1,3-Dichloropropene-	7.66	79	27345	21.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.88%
39) 2-Hexanone-d5	8.15	63	17589	28.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.18%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	58584	20.09	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.36%
61) 1,2-Dichlorobenzene-d4	11.67	152	81714	24.47	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.88%

Target Compounds

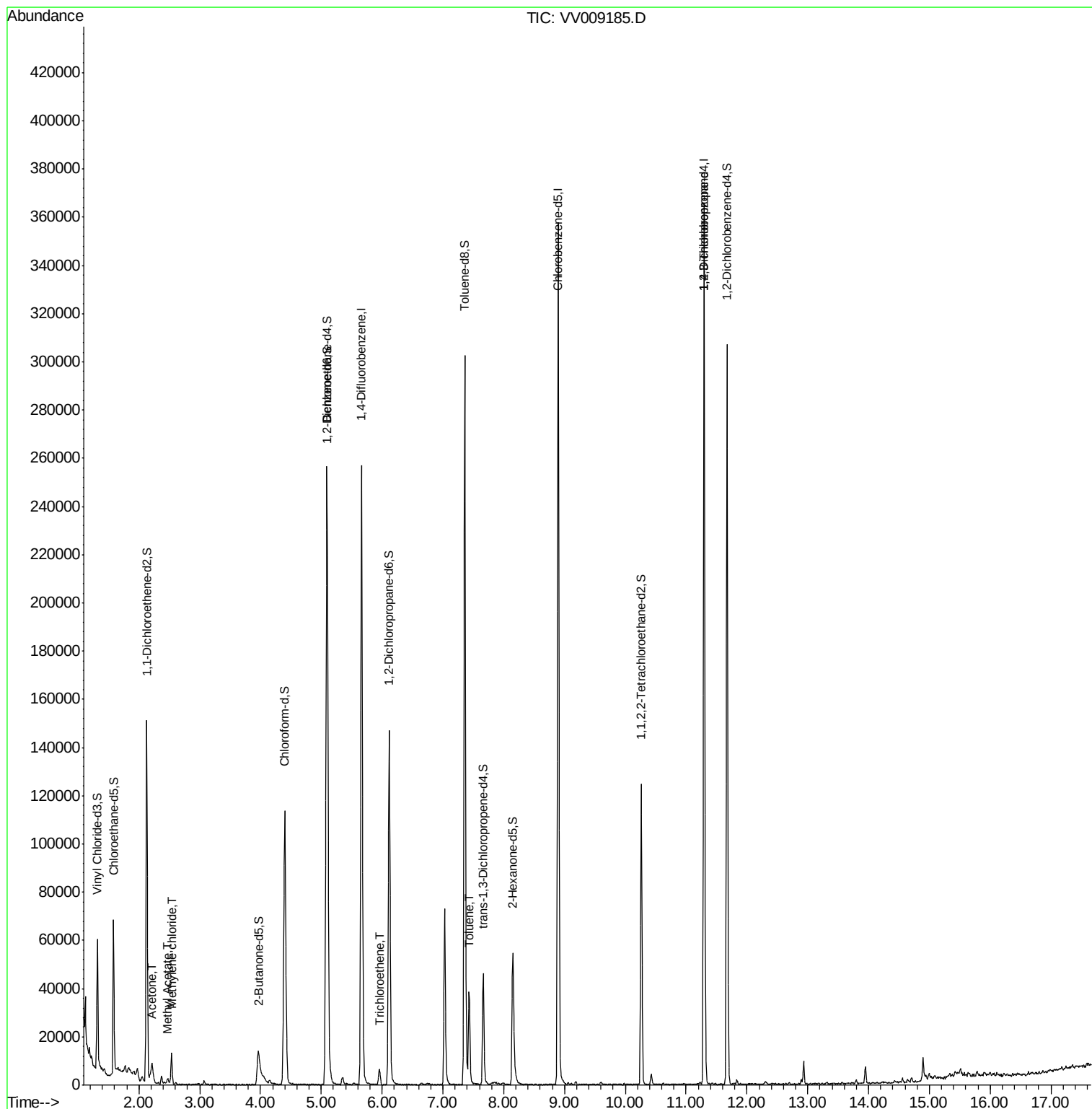
					Qvalue
13) Acetone	2.22	43	12410	7.981 ug/L	99
15) Methyl Acetate	2.47	43	2299	1.195 ug/L #	71
16) Methylene chloride	2.54	84	5140	1.509 ug/L	98
35) Trichloroethene	5.96	95	1614	0.502 ug/L #	81
44) Toluene	7.43	91	28473	2.365 ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	10035	3.940 ug/L	91

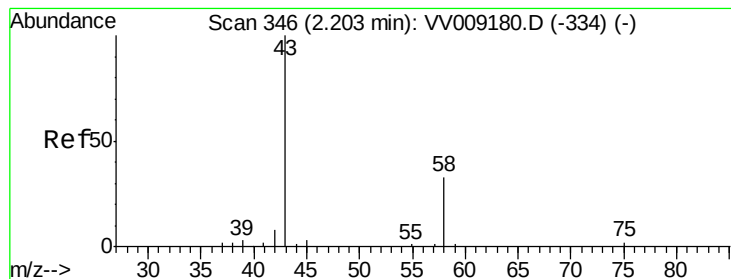
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.981 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.01 min

Lab File: VV009185.D

Acq: 07 Jan 2019 16:30

Instrument :

MSVOA_V

ClientSampled :

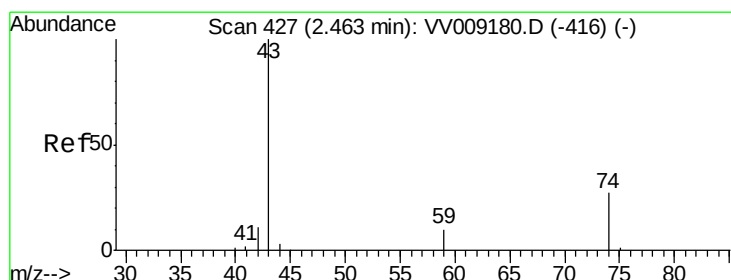
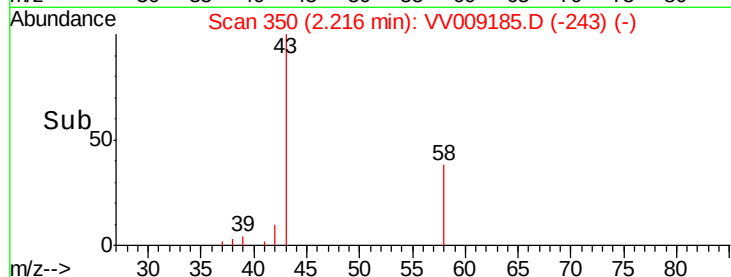
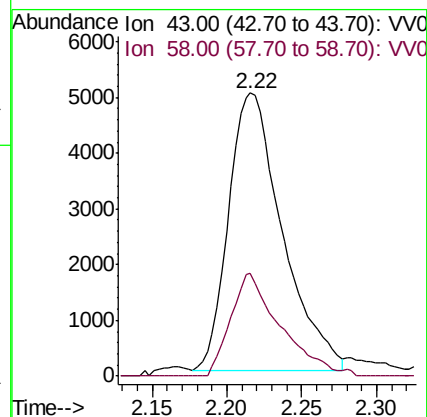
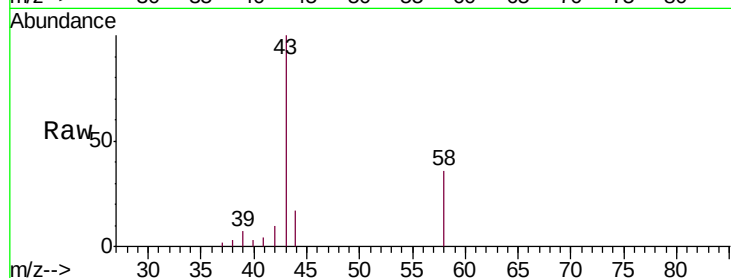
BE9W2

Tgt Ion: 43 Resp: 12410

Ion Ratio Lower Upper

43 100

58 34.1 0.0 67.0



#15

Methyl Acetate

Concen: 1.195 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.01 min

Lab File: VV009185.D

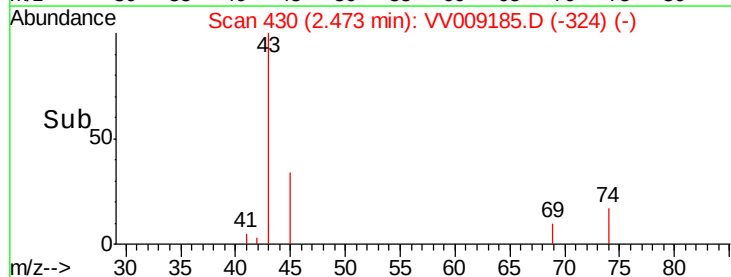
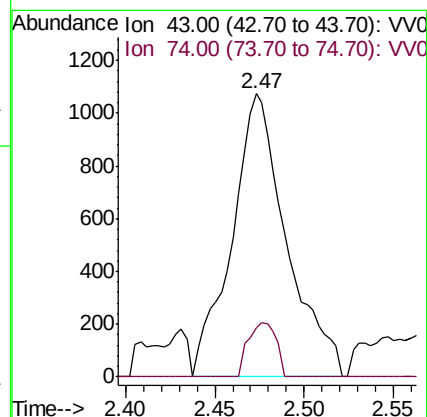
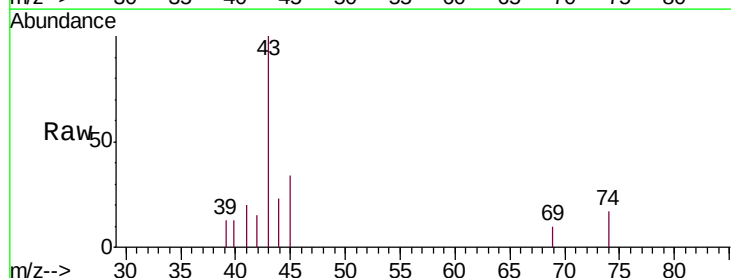
Acq: 07 Jan 2019 16:30

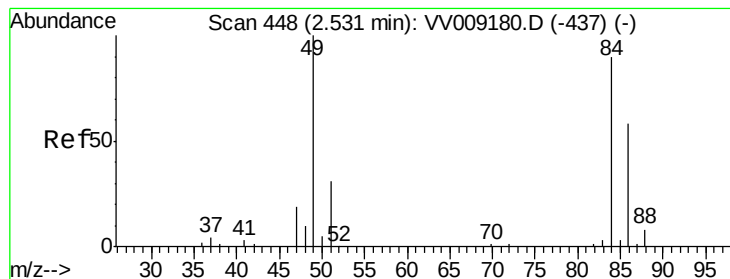
Tgt Ion: 43 Resp: 2299

Ion Ratio Lower Upper

43 100

74 9.8 19.4 29.0#





#16

Methylene chloride

Concen: 1.509 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV009185.D

Acq: 07 Jan 2019 16:30

Instrument :

MSVOA_V

ClientSampleId :

BE9W2

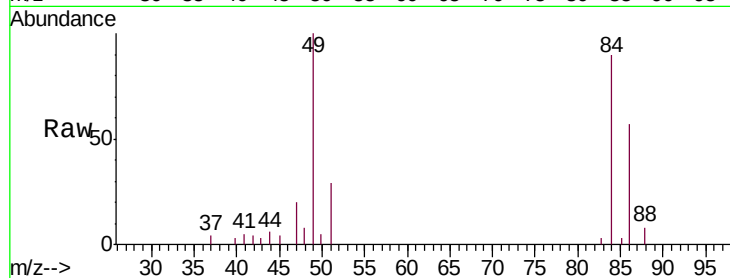
Tgt Ion: 84 Resp: 5140

Ion Ratio Lower Upper

84 100

49 111.0 77.6 144.2

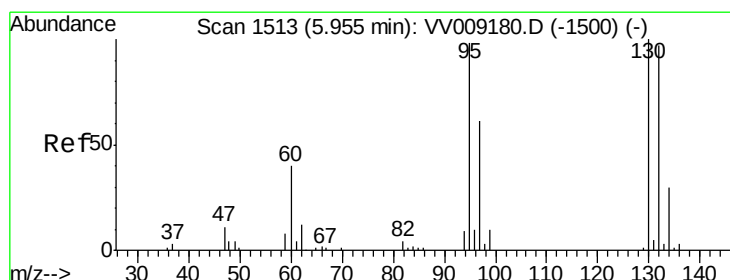
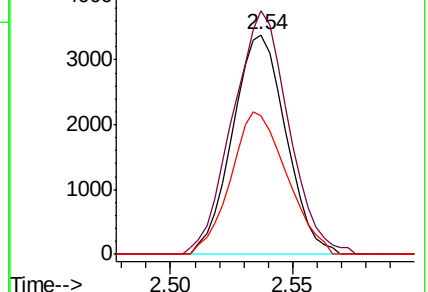
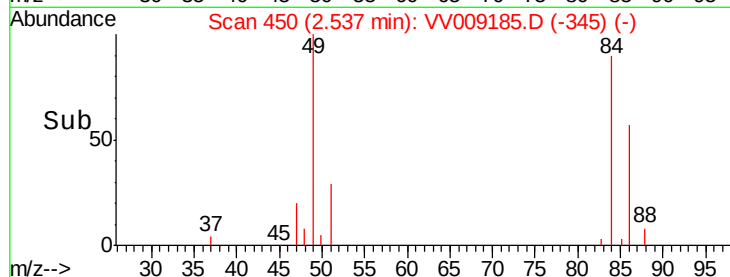
86 63.1 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009185.D (-345) (-)

Ion 49.00 (48.70 to 49.70): VV009185.D (-345) (-)

Ion 86.00 (85.70 to 86.70): VV009185.D (-345) (-)



#35

Trichloroethene

Concen: 0.502 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV009185.D

Acq: 07 Jan 2019 16:30

Tgt Ion: 95 Resp: 1614

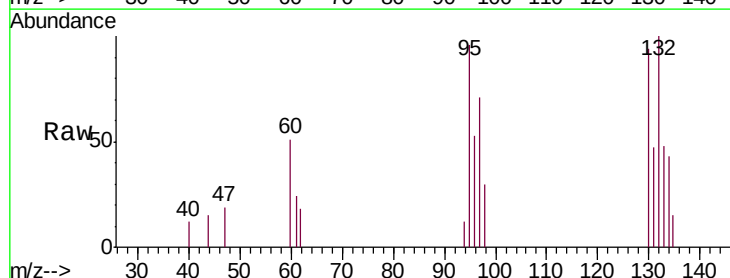
Ion Ratio Lower Upper

95 100

97 66.5 46.2 85.8

132 108.3 73.9 137.3

130 61.5 77.0 143.0#

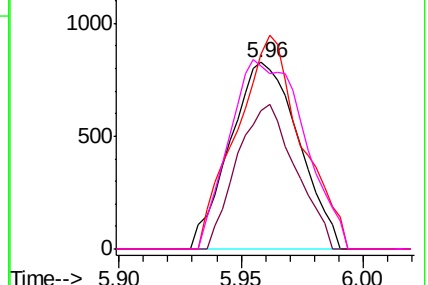
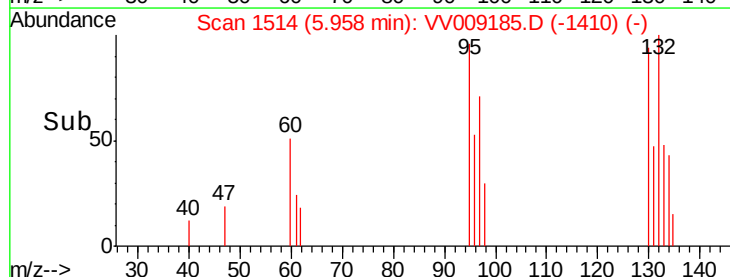


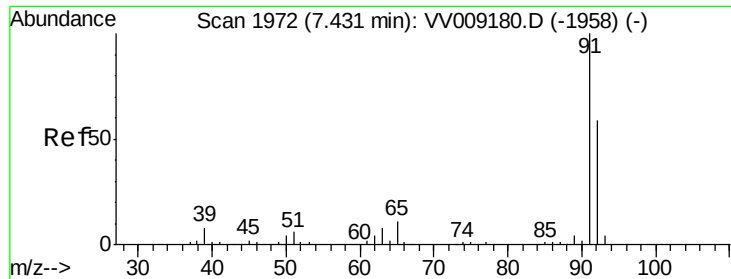
Abundance Ion 95.00 (94.70 to 95.70): VV009185.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV009185.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV009185.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV009185.D (-1410) (-)





#44

Toluene

Concen: 2.365 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009185.D

Acq: 07 Jan 2019 16:30

Instrument :

MSVOA_V

ClientSampled :

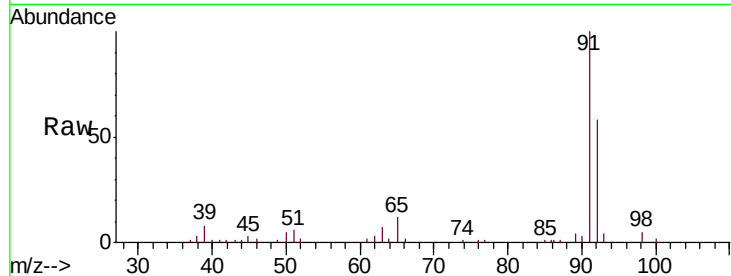
BE9W2

Tgt Ion: 91 Resp: 28473

Ion Ratio Lower Upper

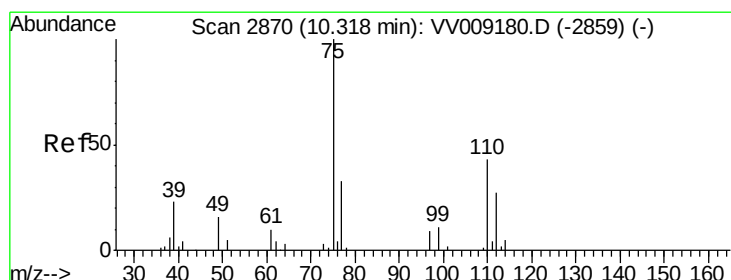
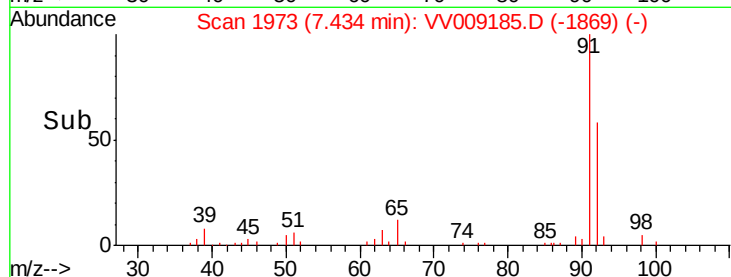
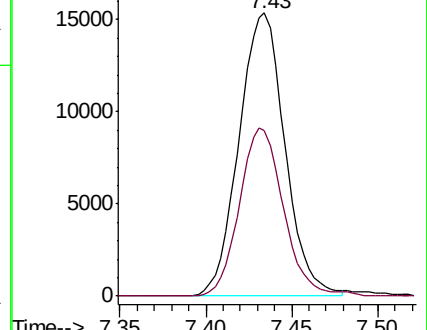
91 100

92 58.5 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV009180.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV009180.D (-1958) (-)



#59

1,2,3-Trichloropropane

Concen: 3.940 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV009185.D

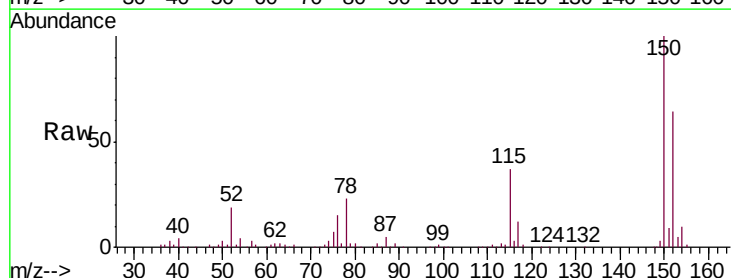
Acq: 07 Jan 2019 16:30

Tgt Ion: 75 Resp: 10035

Ion Ratio Lower Upper

75 100

77 36.4 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV009180.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV009180.D (-2859) (-)

