

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009175.D
 Acq On : 04 Jan 2019 22:43
 Operator : SY/MD
 Sample : K1051-07
 Misc : 6.58 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X5

Quant Time: Jan 05 05:04:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234387	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	214599	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	101318	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31821	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.40%
7) Chloroethane-d5	1.58	69	32979	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	2.13	63	76247	14.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.92%
20) 2-Butanone-d5	3.96	46	30193	26.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	53.54%
24) Chloroform-d	4.40	84	108055	21.89	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.56%
26) 1,2-Dichloroethane-d4	5.08	65	58968	22.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.32%
29) Benzene-d6	5.10	84	218735	22.88	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.52%
33) 1,2-Dichloropropane-d6	6.12	67	64772	23.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.52%
37) Toluene-d8	7.36	98	196509	21.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.16%
38) trans-1,3-Dichloropropene-	7.67	79	26655	20.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.96%
39) 2-Hexanone-d5	8.14	63	20130	31.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.22%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	57864	19.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.84%
61) 1,2-Dichlorobenzene-d4	11.68	152	78706	22.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.92%

Target Compounds

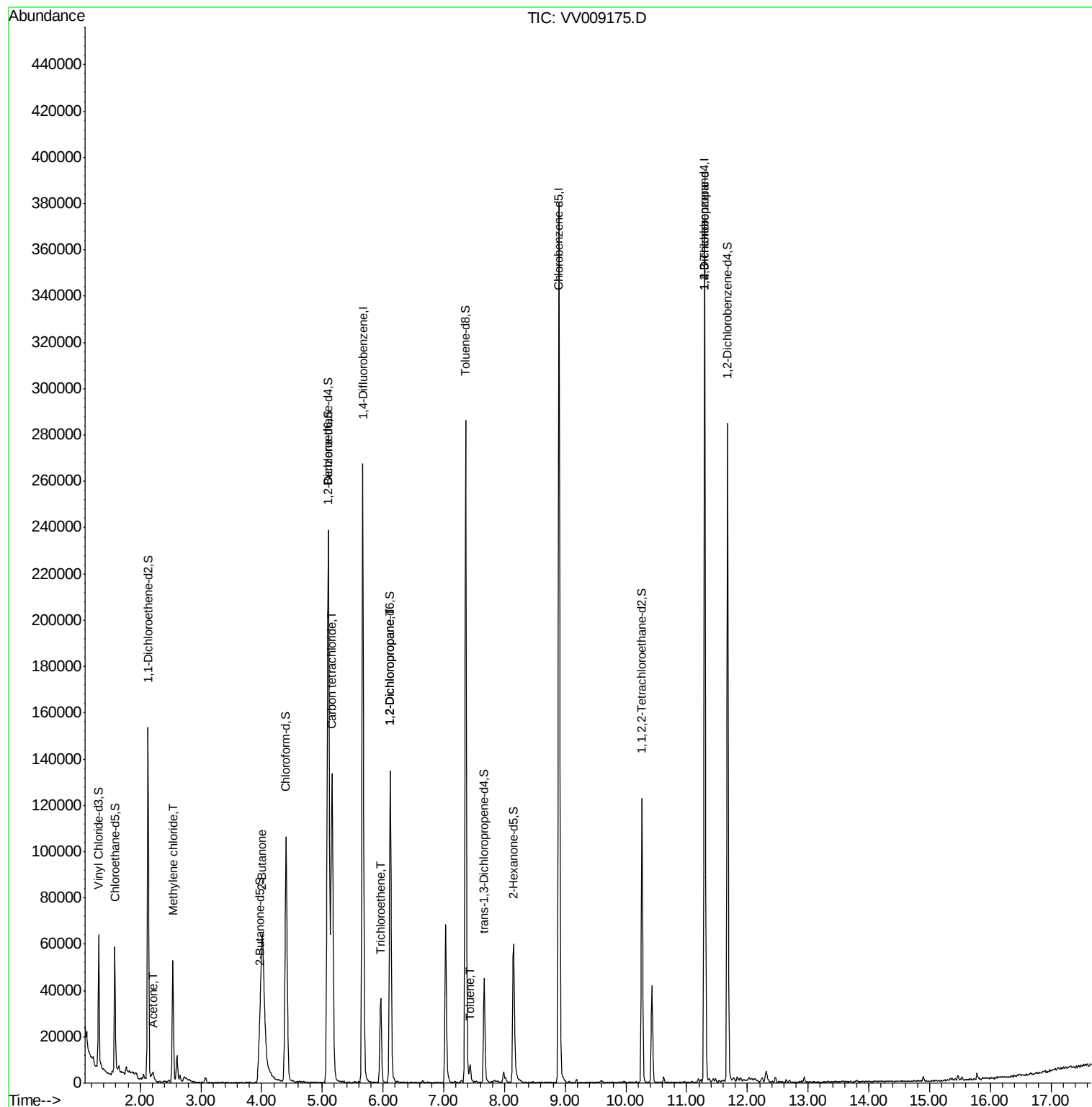
					Qvalue
13) Acetone	2.22	43	6794	4.250 ug/L	85
16) Methylene chloride	2.54	84	22618	6.459 ug/L	97
21) 2-Butanone	4.00	43	2375	1.699 ug/L #	99
32) Carbon tetrachloride	5.16	117	2166	0.454 ug/L #	5
35) Trichloroethene	5.96	95	12268	3.691 ug/L	96
40) 1,2-Dichloropropane	6.12	63	7233	2.601 ug/L #	85
44) Toluene	7.43	91	5399	0.434 ug/L	96
59) 1,2,3-Trichloropropane	11.30	75	11022	4.188 ug/L	95

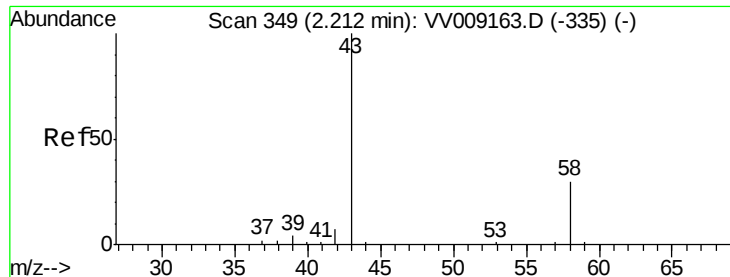
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jan 05 05:00:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 4.250 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

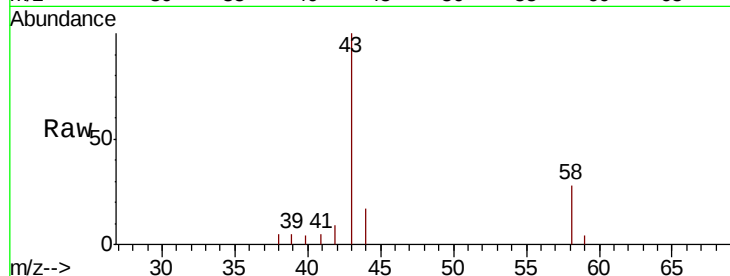
BE9X5

Tgt Ion: 43 Resp: 6794

Ion Ratio Lower Upper

43 100

58 25.1 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009163.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV009163.D (-335) (-)

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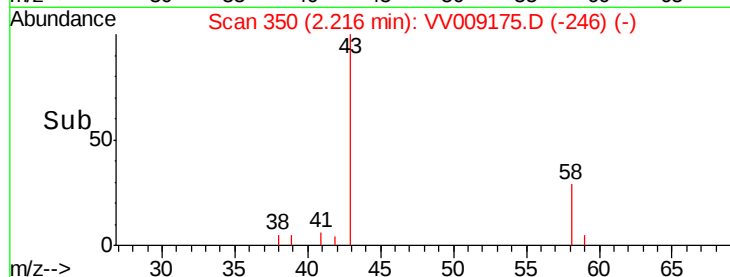
2.22

2.22

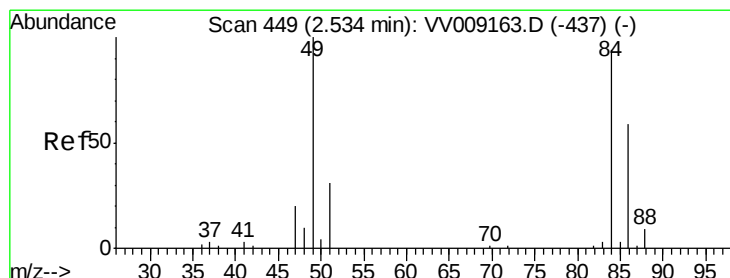
2.22

2.22

2.22



Time-->



#16

Methylene chloride

Concen: 6.459 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 22:43

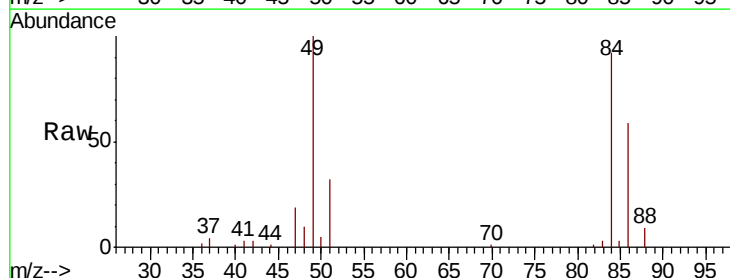
Tgt Ion: 84 Resp: 22618

Ion Ratio Lower Upper

84 100

49 108.9 77.6 144.2

86 63.9 47.4 88.0



Abundance Ion 84.00 (83.70 to 84.70): VV009163.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV009163.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV009163.D (-437) (-)

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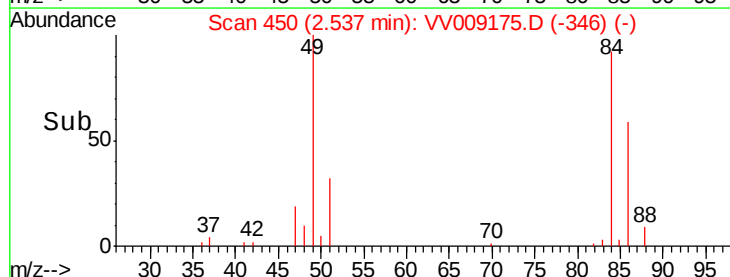
2.54

2.54

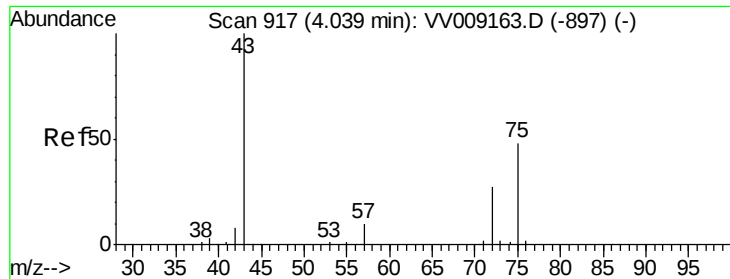
2.54

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Time-->



#21

2-Butanone

Concen: 1.699 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.04 min

Lab File: VV009175.D

Acq: 04 Jan 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

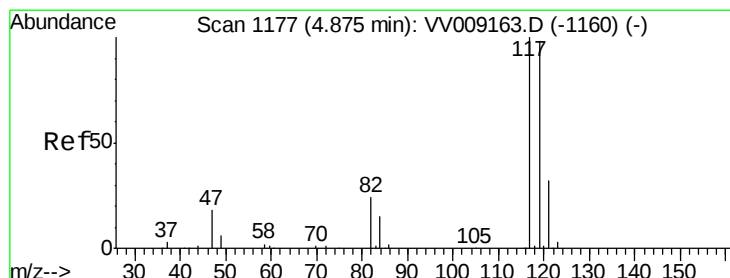
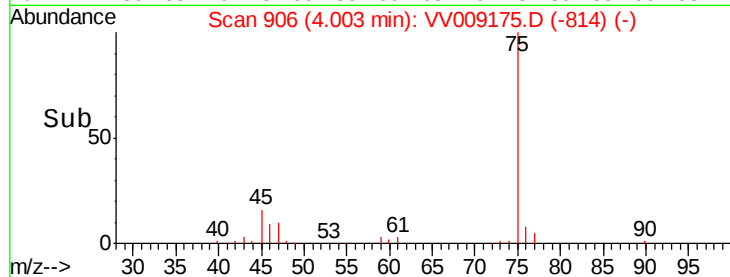
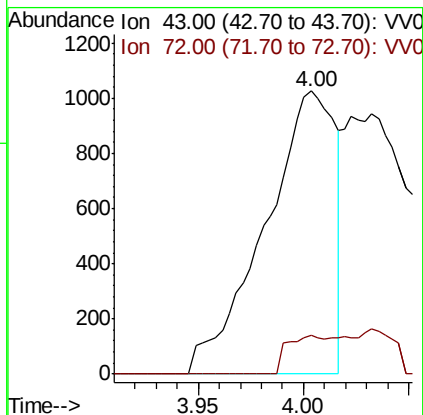
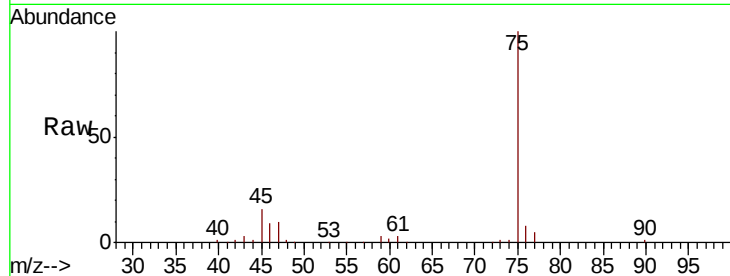
BE9X5

Tgt Ion: 43 Resp: 2375

Ion Ratio Lower Upper

43 100

72 1.6 0.1 0.1#



#32

Carbon tetrachloride

Concen: 0.454 ug/L

RT: 5.16 min Scan# 1265

Delta R.T. 0.28 min

Lab File: VV009175.D

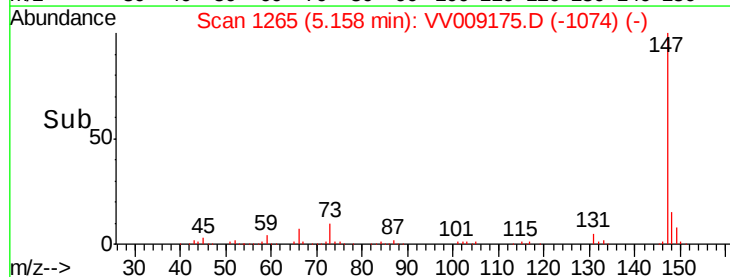
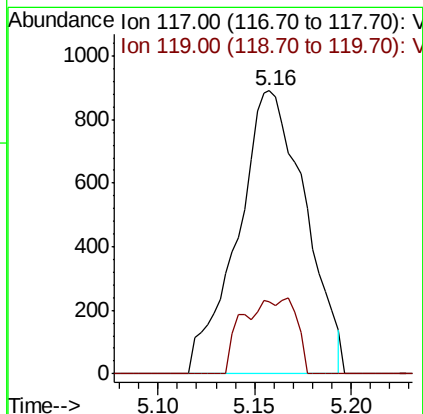
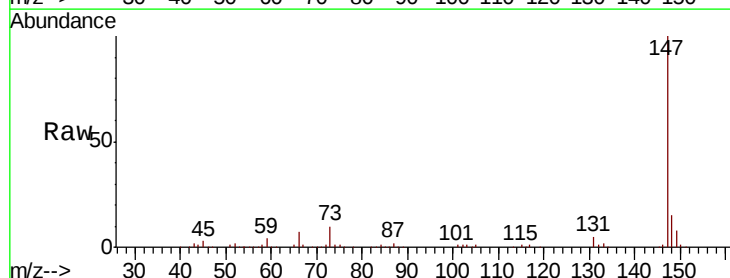
Acq: 04 Jan 2019 22:43

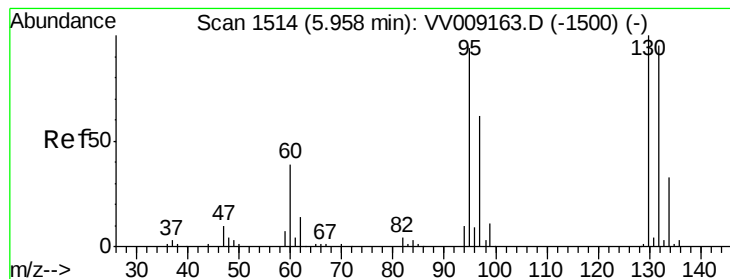
Tgt Ion: 117 Resp: 2166

Ion Ratio Lower Upper

117 100

119 2.8 76.6 115.0#





#35

Trichloroethene

Concen: 3.691 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

BE9X5

Tgt Ion: 95 Resp: 12268

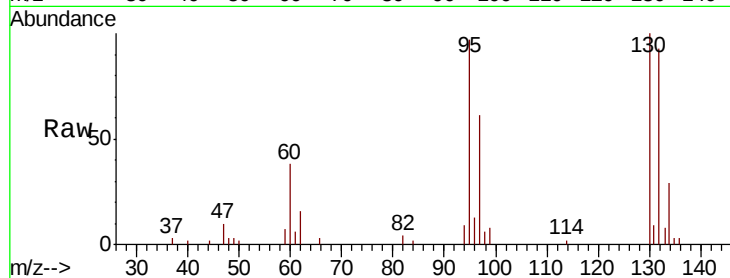
Ion Ratio Lower Upper

95 100

97 62.3 46.2 85.8

132 100.0 73.9 137.3

130 107.5 77.0 143.0

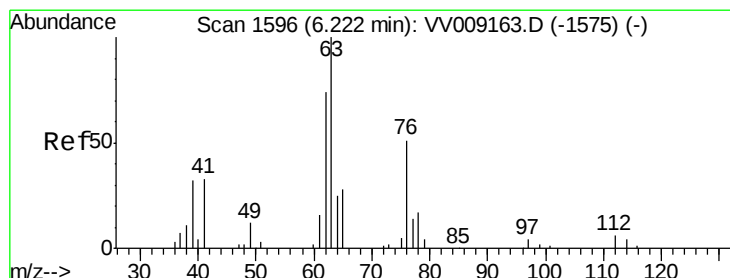
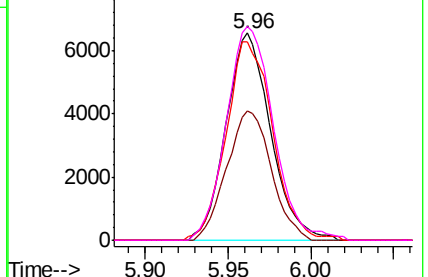
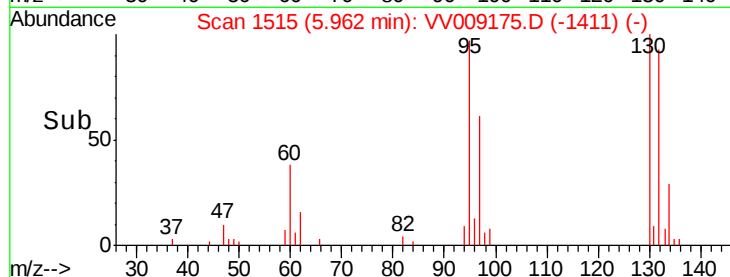


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 2.601 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV009175.D

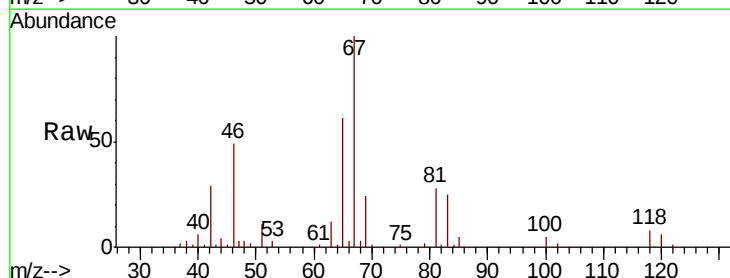
Acq: 04 Jan 2019 22:43

Tgt Ion: 63 Resp: 7233

Ion Ratio Lower Upper

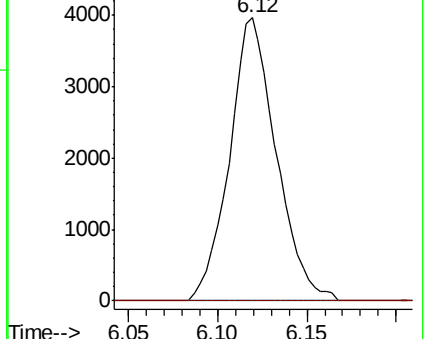
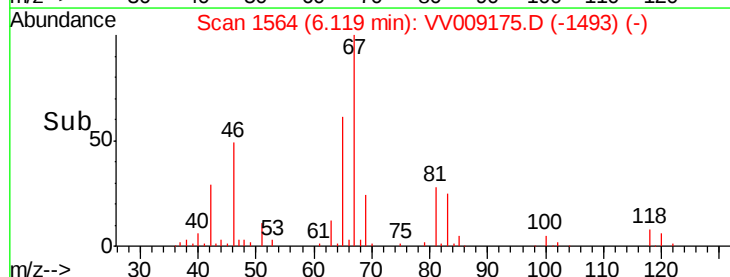
63 100

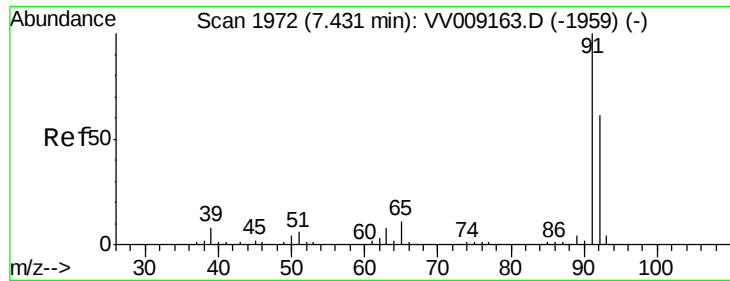
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#44

Toluene

Concen: 0.434 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009175.D

Acq: 04 Jan 2019 22:43

Instrument :

MSVOA_V

ClientSampleId :

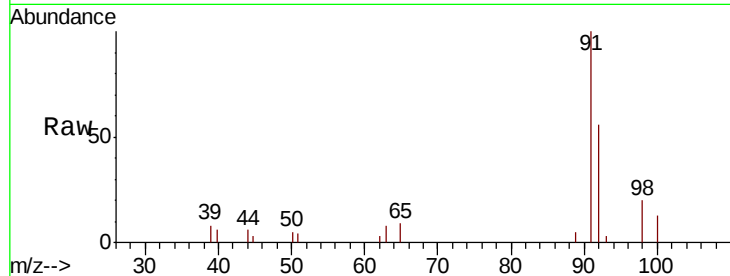
BE9X5

Tgt Ion: 91 Resp: 5399

Ion Ratio Lower Upper

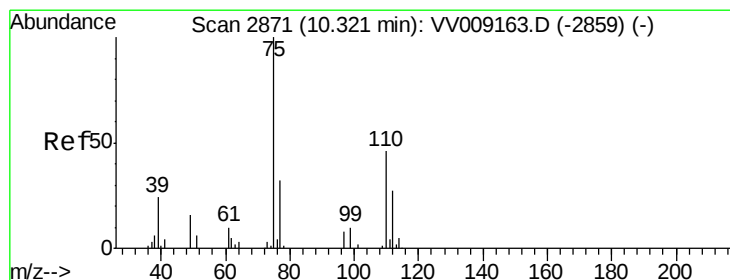
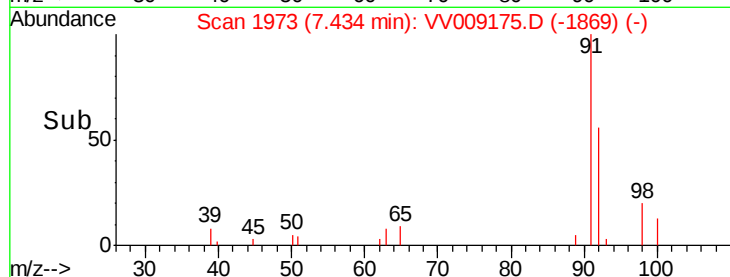
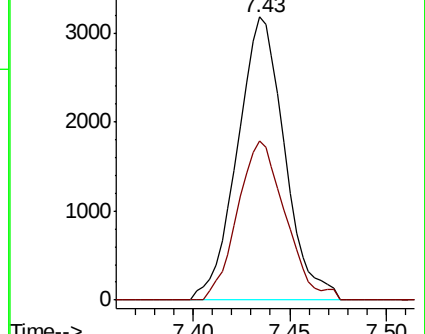
91 100

92 56.3 41.7 77.5



Abundance Ion 91.00 (90.70 to 91.70): VV009163.D (-1959) (-)

Ion 92.00 (91.70 to 92.70): VV009163.D (-1959) (-)



#59

1,2,3-Trichloropropane

Concen: 4.188 ug/L

RT: 11.30 min Scan# 3175

Delta R.T. 0.98 min

Lab File: VV009175.D

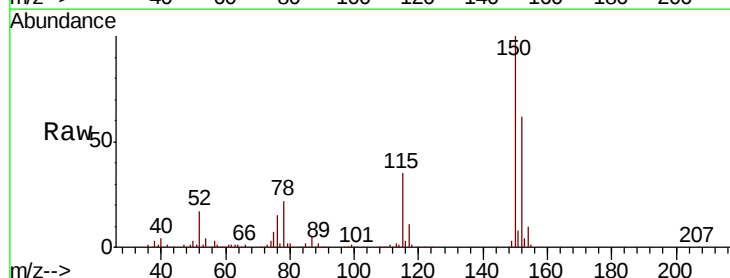
Acq: 04 Jan 2019 22:43

Tgt Ion: 75 Resp: 11022

Ion Ratio Lower Upper

75 100

77 34.0 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV009163.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV009163.D (-2859) (-)

