

Data File : VV010632.D
Acq On : 02 May 2019 17:00
Operator : SY/MD
Sample : K2603-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJ55

Quant Time: May 03 02:25:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050219S.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	12141	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	14660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	5527	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	963	6.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	25.08%#
7) Chloroethane-d5	1.58	69	1500	13.94	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.76%
10) 1,1-Dichloroethene-d2	2.13	63	2168	8.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	32.16%#
20) 2-Butanone-d5	3.95	46	956	20.44	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.88%
24) Chloroform-d	4.40	84	8125	25.91	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.64%
26) 1,2-Dichloroethane-d4	5.08	65	3063	17.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	68.16%#
29) Benzene-d6	5.10	84	12658	16.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.64%
33) 1,2-Dichloropropane-d6	6.12	67	5220	22.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.72%
37) Toluene-d8	7.37	98	10630	14.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.24%
38) trans-1,3-Dichloropropene-	7.67	79	1771	18.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.64%
39) 2-Hexanone-d5	8.14	63	1268	30.60	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.20%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	7550	36.00	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	144.00%#
61) 1,2-Dichlorobenzene-d4	11.68	152	4900	23.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.16%

Target Compounds

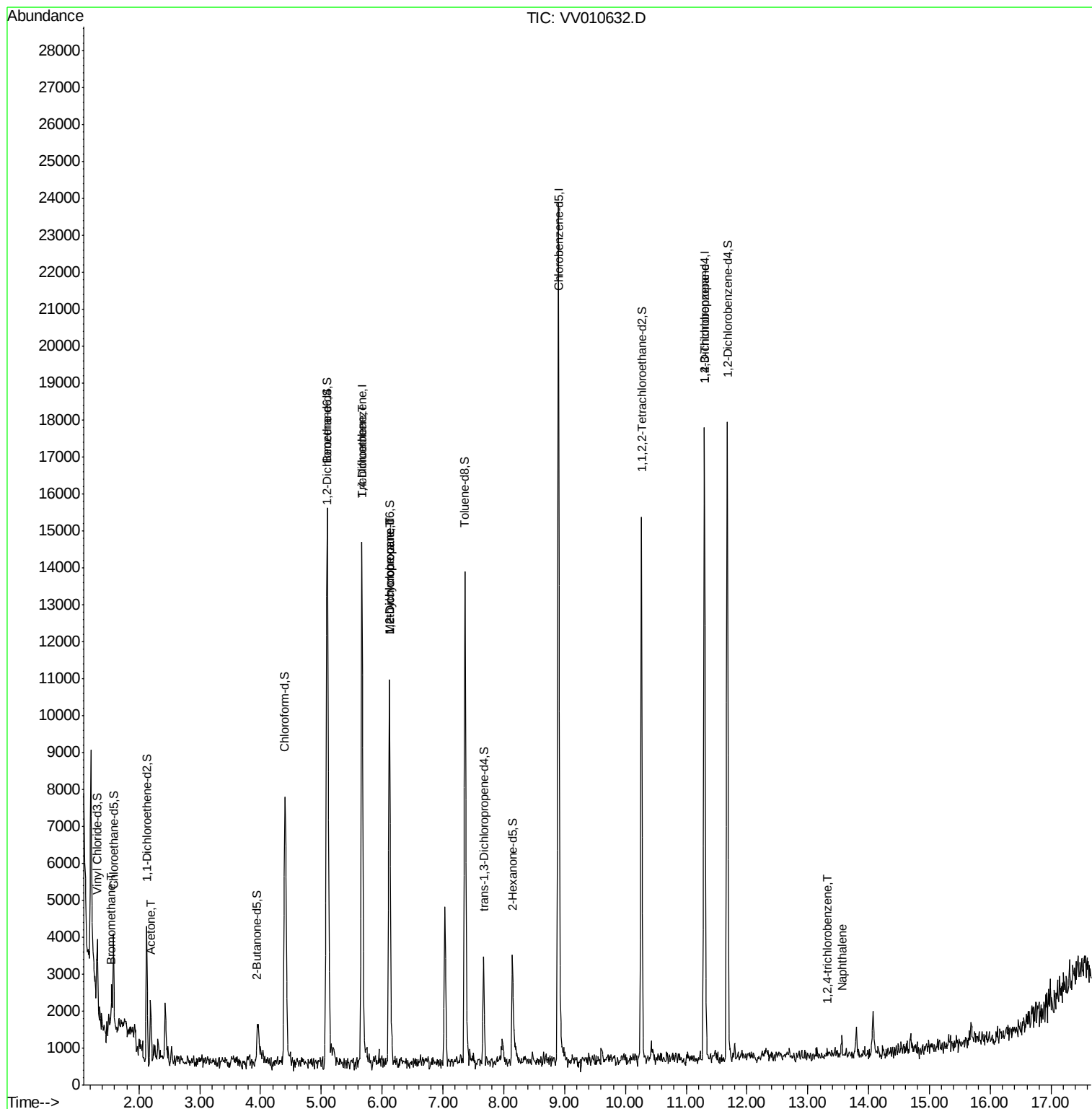
					Qvalue
6) Bromomethane	1.53	94	126	1.653 ug/L	90
13) Acetone	2.19	43	1582	39.459 ug/L	98
35) Trichloroethene	5.67	95	197	0.986 ug/L #	4
36) Methylcyclohexane	6.12	83	1254	4.391 ug/L #	18
40) 1,2-Dichloropropane	6.12	63	472	2.590 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	509	3.563 ug/L	94
68) 1,2,4-trichlorobenzene	13.32	180	70	0.379 ug/L #	80
69) Naphthalene	13.56	128	679	1.922 ug/L #	69

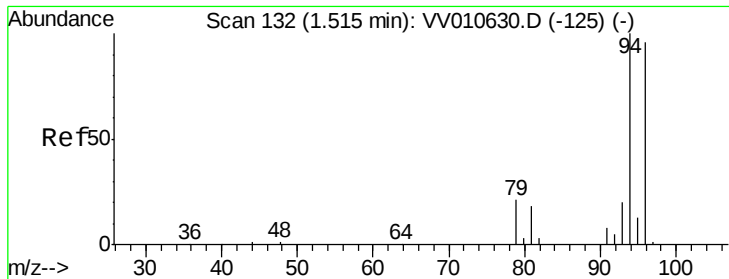
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri May 03 02:22:17 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 1.653 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.02 min

Lab File: VV010632.D

Acq: 02 May 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

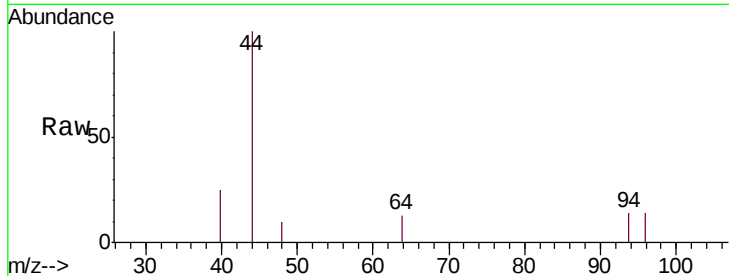
GAJ55

Tgt Ion: 94 Resp: 126

Ion Ratio Lower Upper

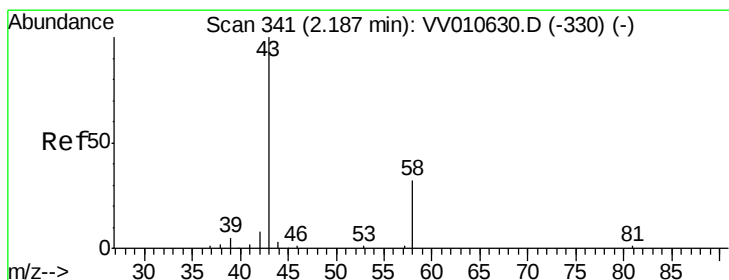
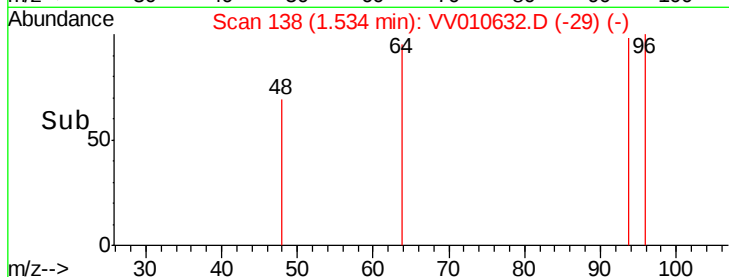
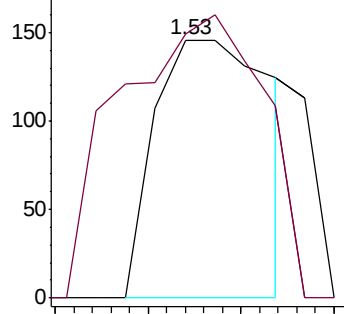
94 100

96 103.2 9.4 178.6



Abundance Ion 94.00 (93.70 to 94.70): VV010632.D (-125) (-)

Ion 96.00 (95.70 to 96.70): VV010632.D (-125) (-)



#13

Acetone

Concen: 39.459 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV010632.D

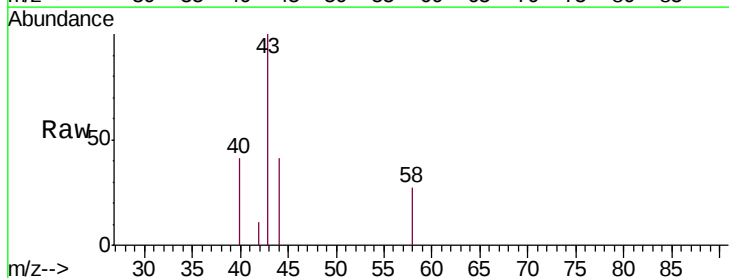
Acq: 02 May 2019 17:00

Tgt Ion: 43 Resp: 1582

Ion Ratio Lower Upper

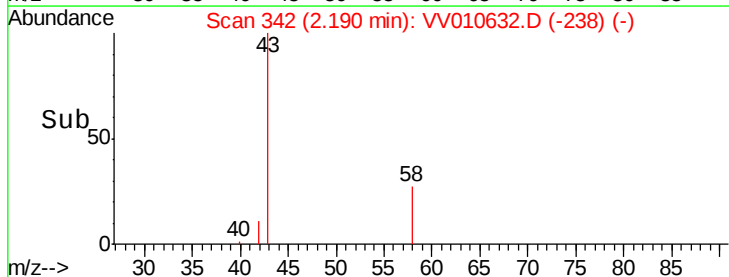
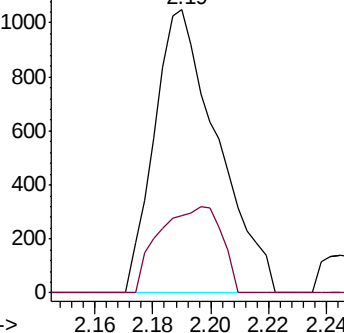
43 100

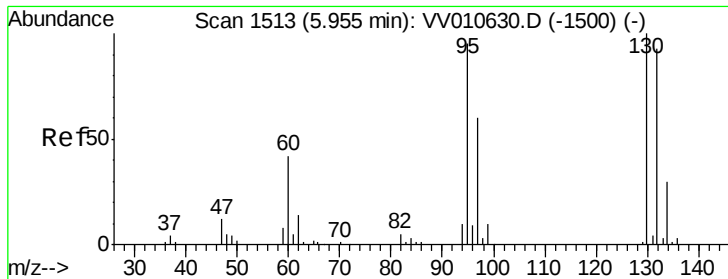
58 30.3 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VV010632.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV010632.D (-330) (-)





#35

Trichloroethene

Concen: 0.986 ug/L

RT: 5.67 min Scan# 1424

Delta R.T. -0.29 min

Lab File: VV010632.D

Acq: 02 May 2019 17:00

Instrument :

MSVOA_V

ClientSampleId :

GAJ55

Tgt Ion: 95 Resp: 197

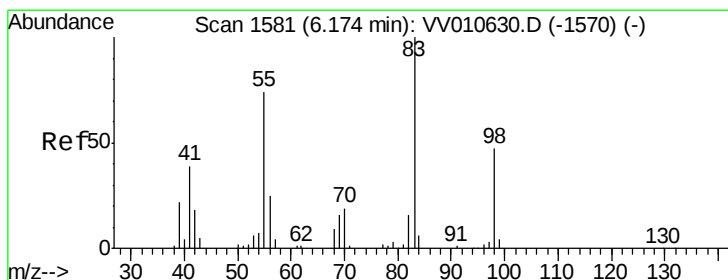
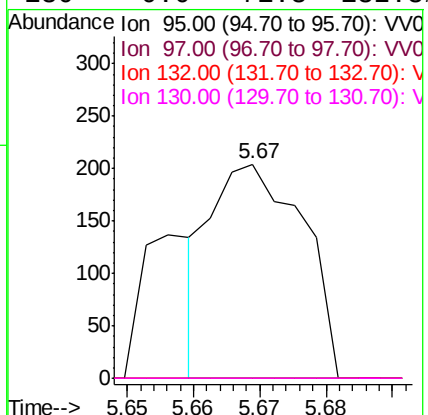
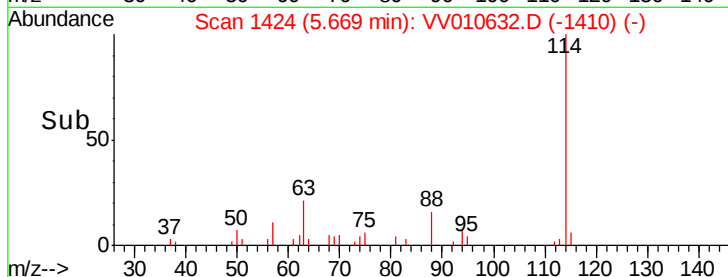
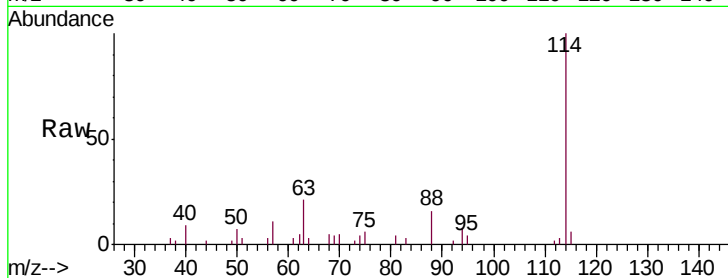
Ion Ratio Lower Upper

95 100

97 0.0 45.0 83.6#

132 0.0 69.9 129.9#

130 0.0 71.3 132.3#



#36

Methylcyclohexane

Concen: 4.391 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV010632.D

Acq: 02 May 2019 17:00

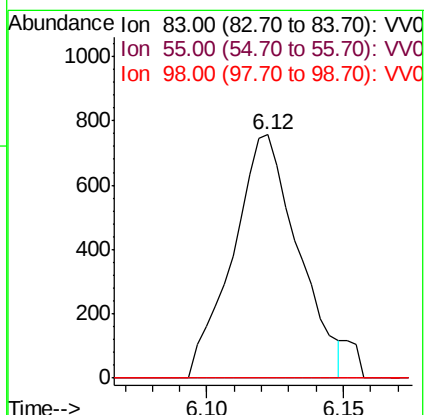
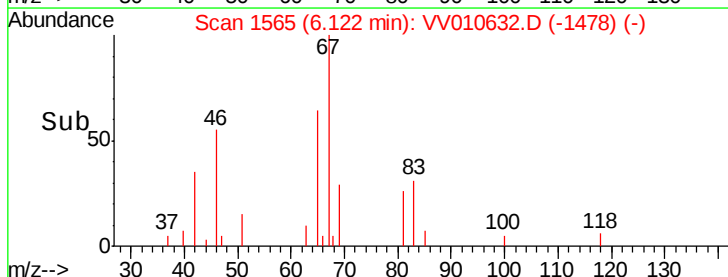
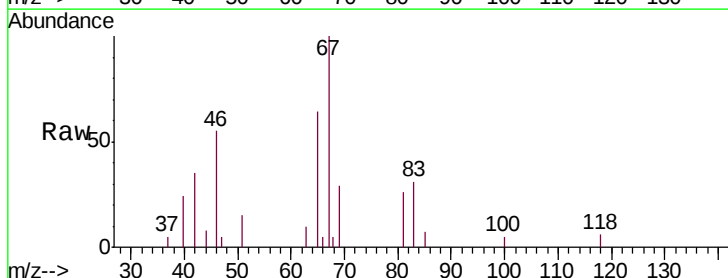
Tgt Ion: 83 Resp: 1254

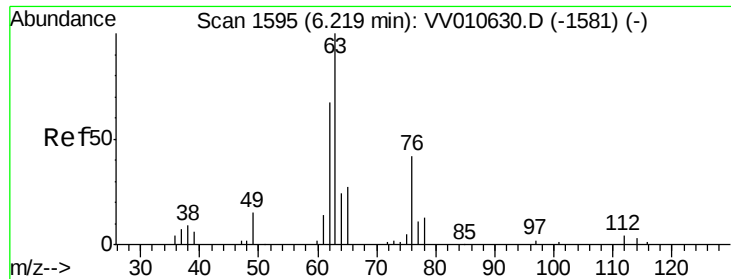
Ion Ratio Lower Upper

83 100

55 0.0 61.4 92.0#

98 0.0 37.4 56.2#





#40

1,2-Dichloropropane

Concen: 2.590 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV010632.D

Acq: 02 May 2019 17:00

Instrument :

MSVOA_V

ClientSampled :

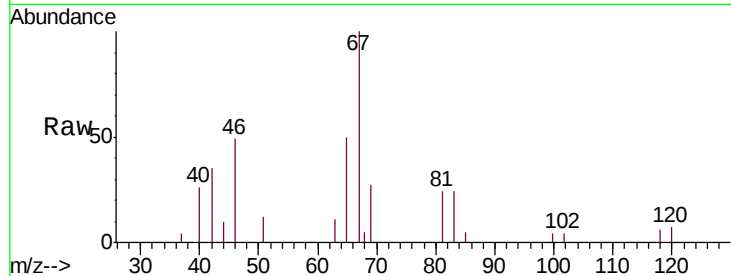
GAJ55

Tgt Ion: 63 Resp: 472

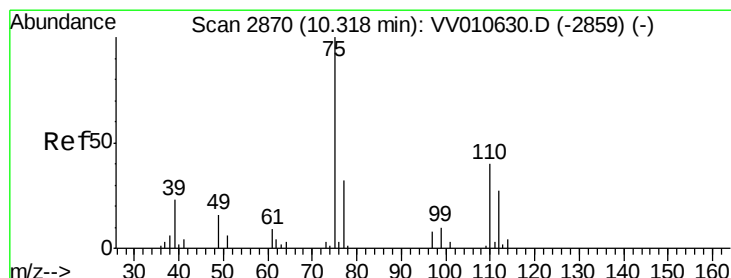
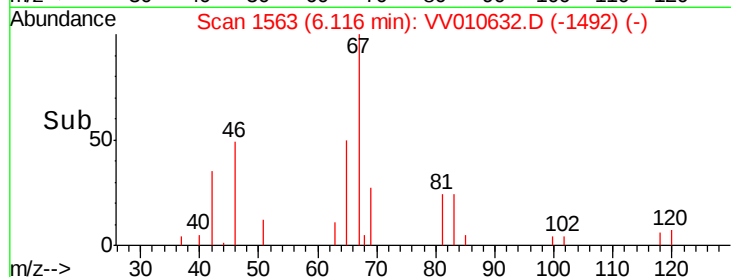
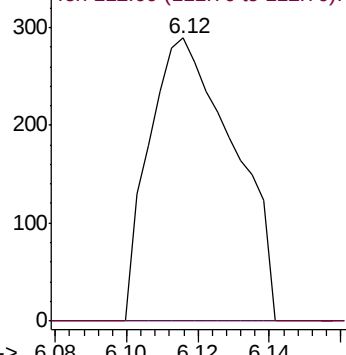
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.00 (62.70 to 63.70): VV010630.D (-1581) (-)



#59

1,2,3-Trichloropropane

Concen: 3.563 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010632.D

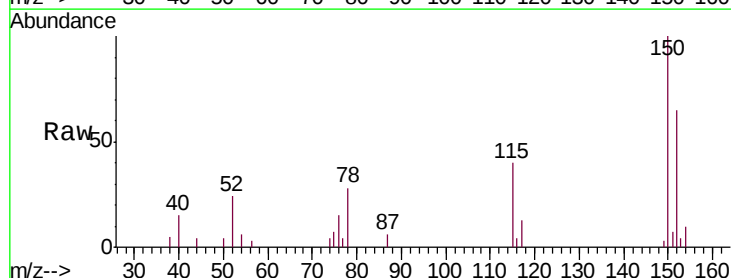
Acq: 02 May 2019 17:00

Tgt Ion: 75 Resp: 509

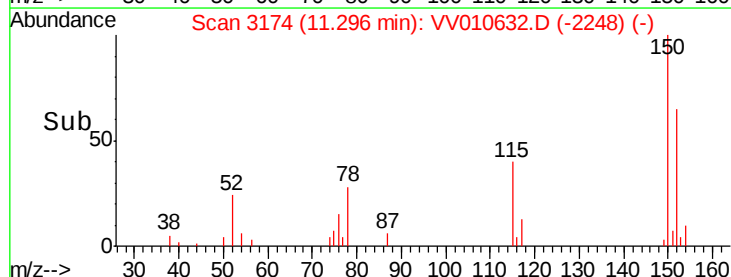
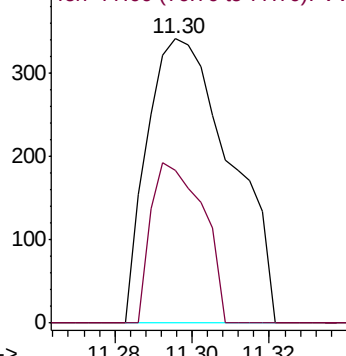
Ion Ratio Lower Upper

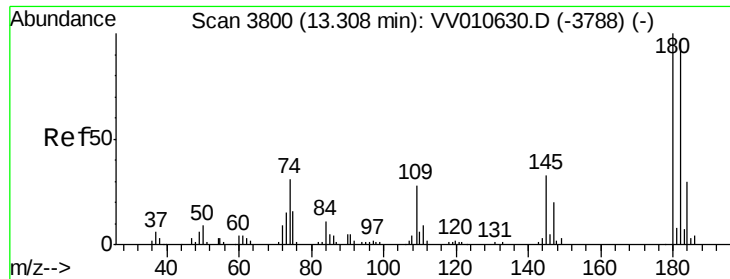
75 100

77 35.2 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV010630.D (-2859) (-)

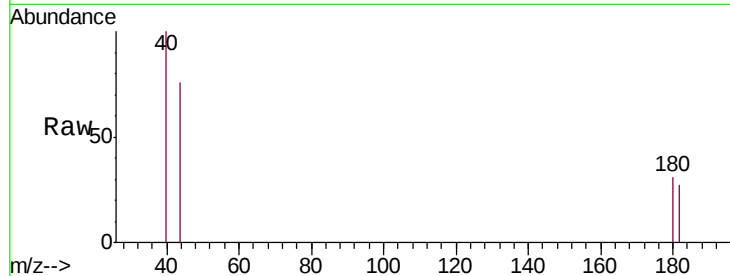




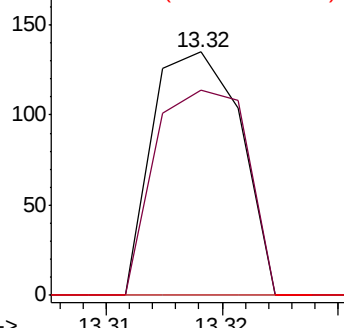
#68
 1,2,4-trichlorobenzene
 Concen: 0.379 ug/L
 RT: 13.32 min Scan# 3803
 Delta R.T. 0.01 min
 Lab File: VV010632.D
 Acq: 02 May 2019 17:00

Instrument :
 MSVOA_V
 ClientSampleId :
 GAJ55

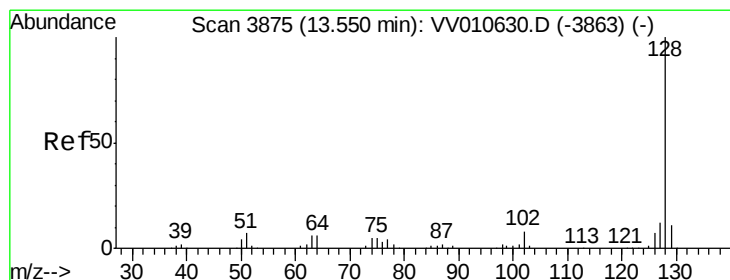
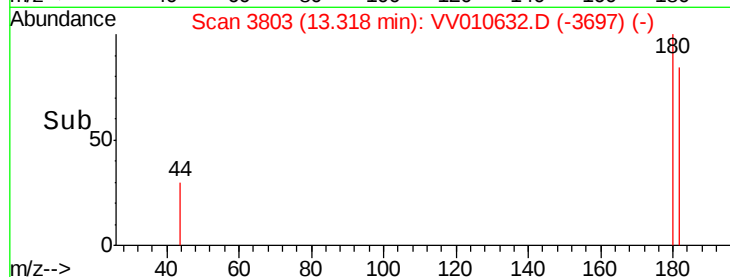
Tgt Ion:180 Resp: 70
 Ion Ratio Lower Upper
 180 100
 182 88.6 76.1 114.1
 145 0.0 26.0 39.0#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

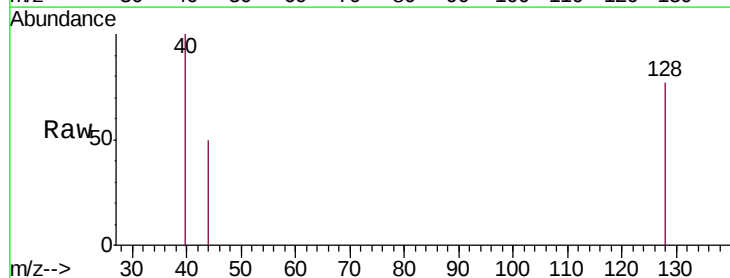


Time-->

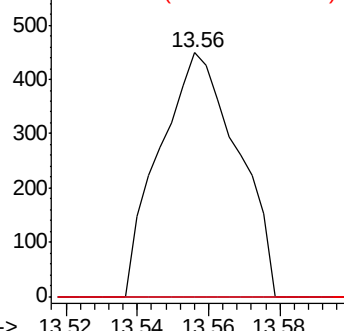


#69
 Naphthalene
 Concen: 1.922 ug/L
 RT: 13.56 min Scan# 3877
 Delta R.T. 0.01 min
 Lab File: VV010632.D
 Acq: 02 May 2019 17:00

Tgt Ion:128 Resp: 679
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.6 13.0#
 127 0.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



Time-->

