

Data File : VV010729.D
Acq On : 08 May 2019 16:05
Operator : SY/MD
Sample : K2633-14
Misc : 5.05G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAJA6

Quant Time: May 09 02:58:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	15279	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	13422	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	4217	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	5408	22.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.12%
7) Chloroethane-d5	1.58	69	5123	26.23	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.92%
10) 1,1-Dichloroethene-d2	2.13	63	7406	14.38	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.52%
20) 2-Butanone-d5	3.95	46	1769	24.84	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.68%
24) Chloroform-d	4.41	84	9672	23.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.88%
26) 1,2-Dichloroethane-d4	5.09	65	6055	23.28	ug/L	0.01
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.12%
29) Benzene-d6	5.10	84	19261	27.26	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.04%
33) 1,2-Dichloropropane-d6	6.12	67	6255	27.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.16%
37) Toluene-d8	7.36	98	16098	23.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.16%
38) trans-1,3-Dichloropropene-	7.67	79	2037	19.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.40%
39) 2-Hexanone-d5	8.14	63	1166	24.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	49.50%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	4808	22.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.92%
61) 1,2-Dichlorobenzene-d4	11.67	152	4512	27.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.52%

Target Compounds

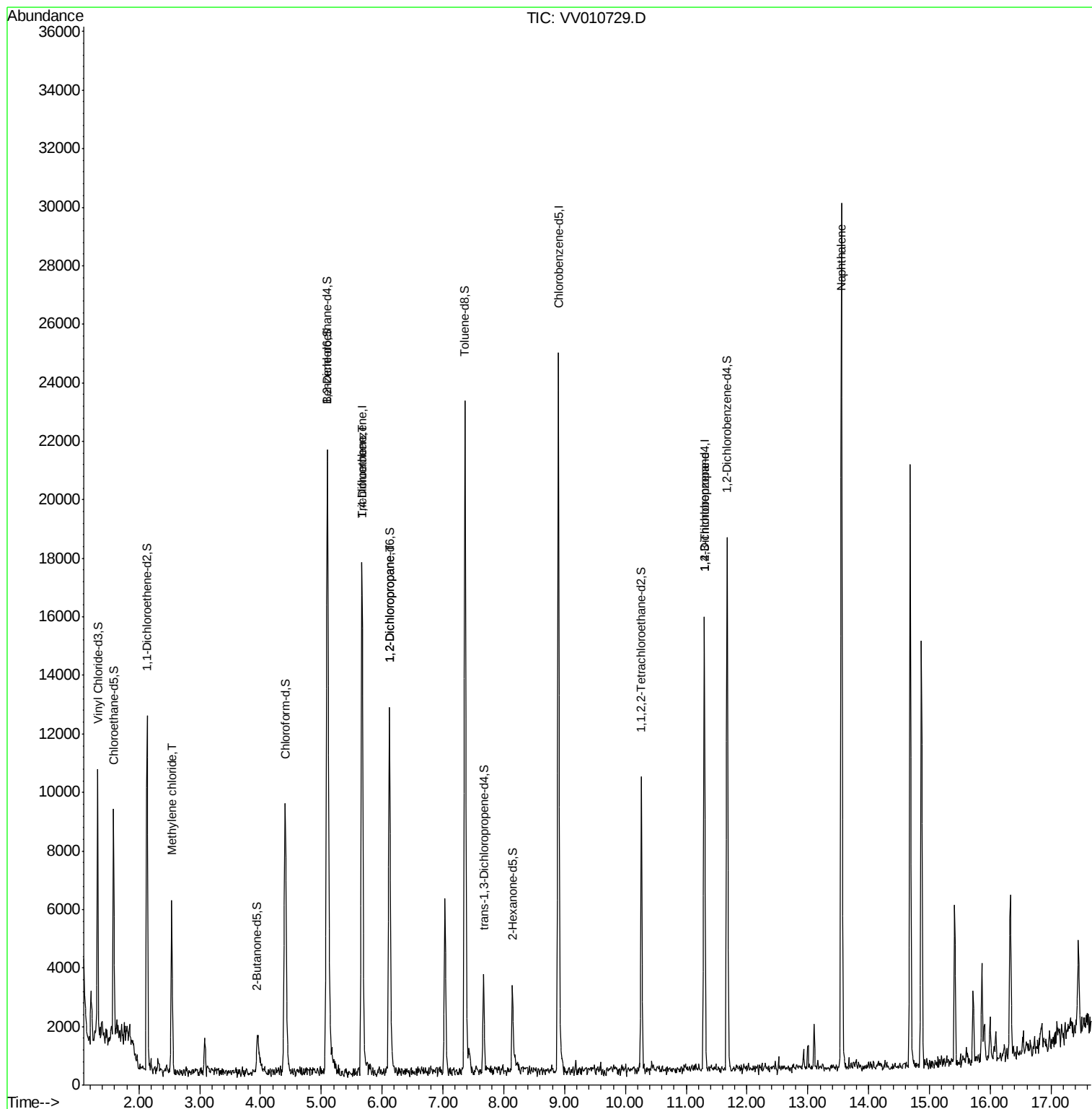
					Qvalue
16) Methylene chloride	2.54	84	2163	9.156 ug/L	87
35) Trichloroethene	5.67	95	327	1.482 ug/L #	7
40) 1,2-Dichloropropane	6.12	63	680	3.244 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	485	2.755 ug/L #	80
69) Naphthalene	13.55	128	22389	63.932 ug/L	98

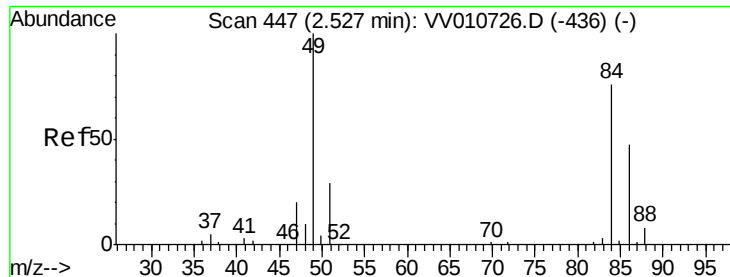
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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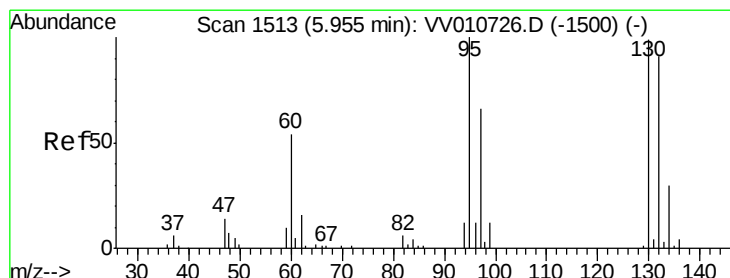
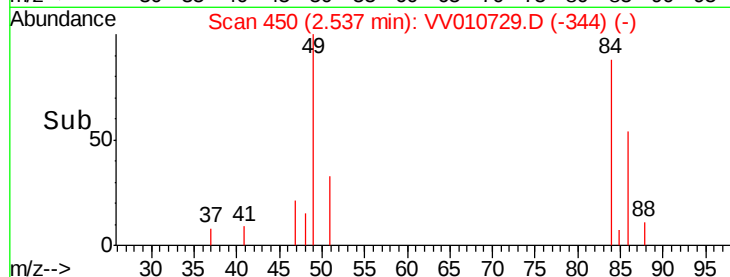
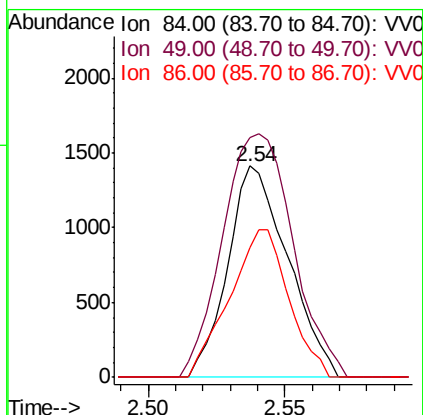
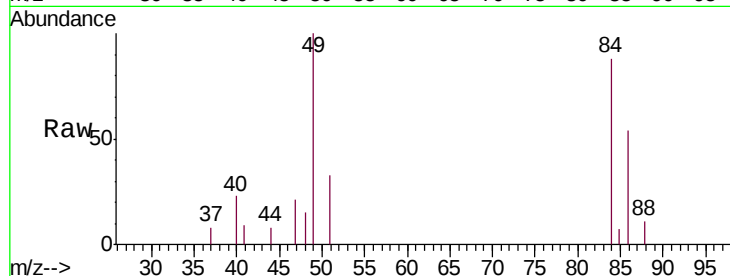




#16
Methylene chloride
Concen: 9.156 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV010729.D
Acq: 08 May 2019 16:05

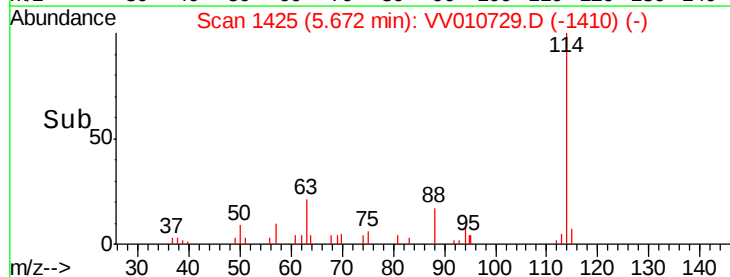
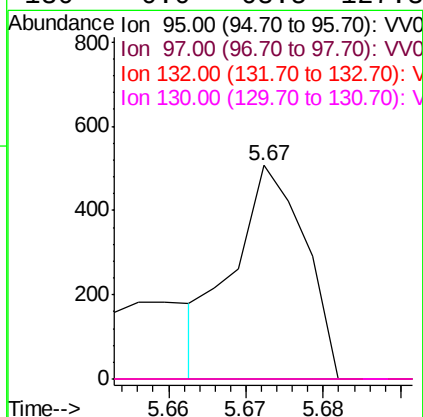
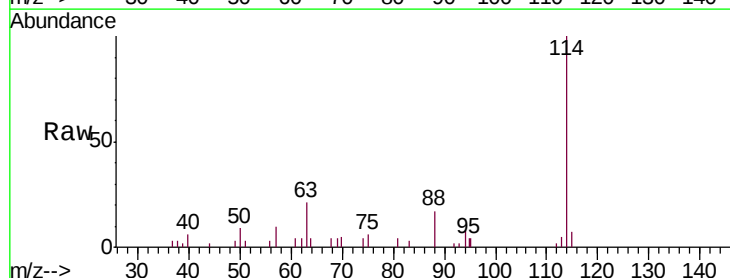
Instrument :
MSVOA_V
ClientSampleId :
GAJA6

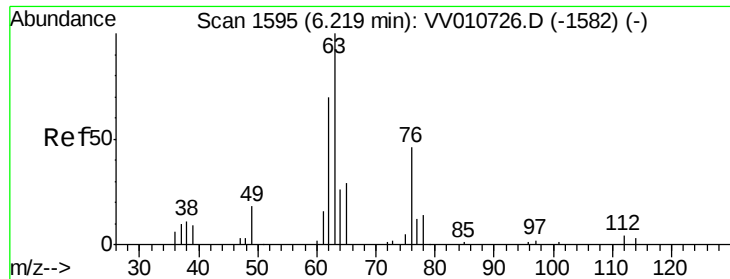
Tgt Ion: 84 Resp: 2163
Ion Ratio Lower Upper
84 100
49 113.3 92.9 172.5
86 61.2 46.5 86.5



#35
Trichloroethene
Concen: 1.482 ug/L
RT: 5.67 min Scan# 1425
Delta R.T. -0.28 min
Lab File: VV010729.D
Acq: 08 May 2019 16:05

Tgt Ion: 95 Resp: 327
Ion Ratio Lower Upper
95 100
97 0.0 44.3 82.3#
132 0.0 62.4 115.8#
130 0.0 68.5 127.3#





#40

1,2-Dichloropropane

Concen: 3.244 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV010729.D

Acq: 08 May 2019 16:05

Instrument :

MSVOA_V

ClientSampled :

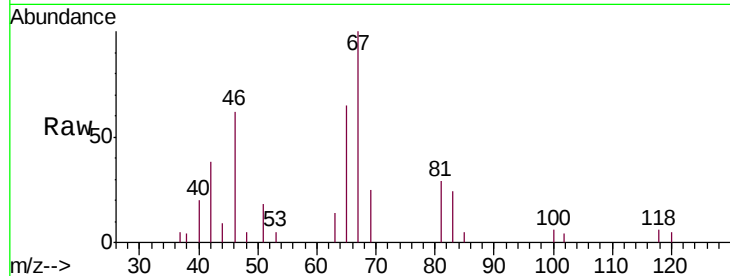
GAJA6

Tgt Ion: 63 Resp: 680

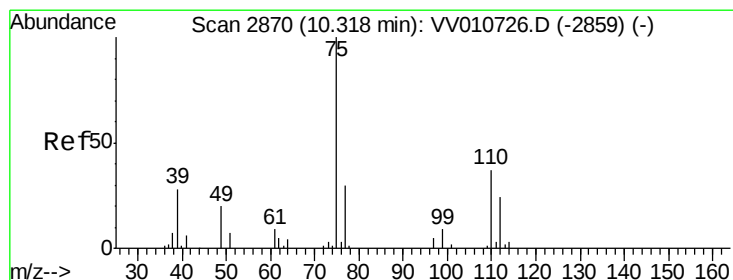
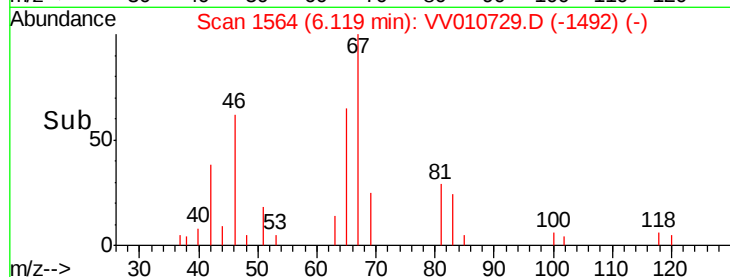
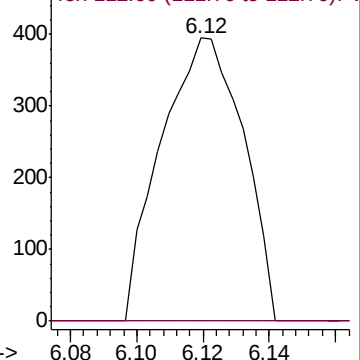
Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV010726.D (-1582) (-)



#59

1,2,3-Trichloropropane

Concen: 2.755 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010729.D

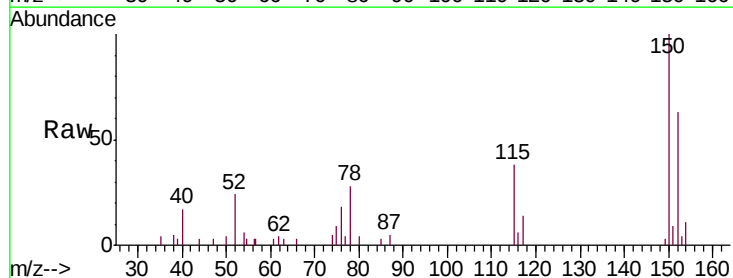
Acq: 08 May 2019 16:05

Tgt Ion: 75 Resp: 485

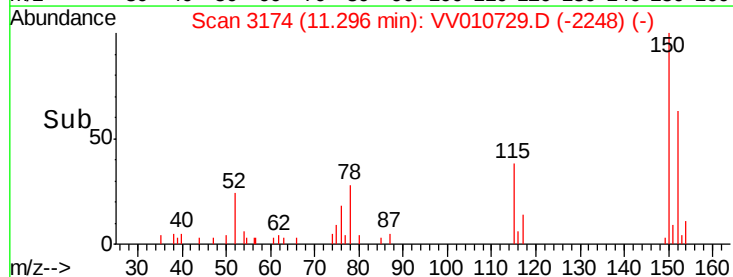
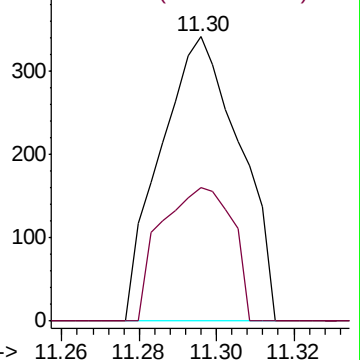
Ion Ratio Lower Upper

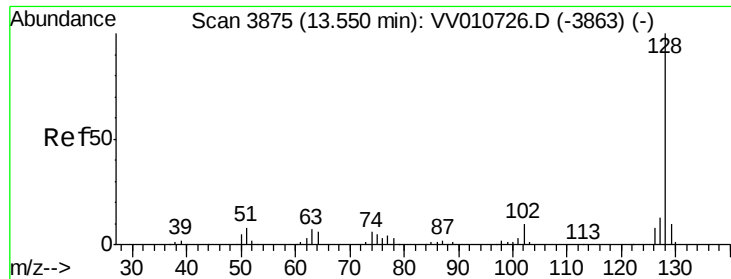
75 100

77 42.3 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VV010726.D (-2859) (-)





#69

Naphthalene

Concen: 63.932 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. 0.00 min

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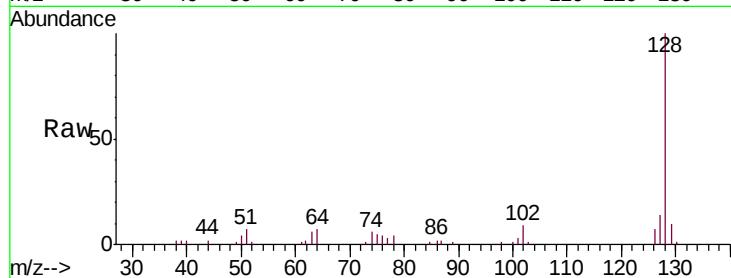
Tgt Ion:128 Resp: 22389

Ion Ratio Lower Upper

128 100

129 10.4 8.3 12.5

127 14.6 10.8 16.2



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

