

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010567.D
 Acq On : 30 Apr 2019 00:00
 Operator : SY/MD
 Sample : K2590-08
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X99

Quant Time: Apr 30 07:46:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	216657	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220516	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49347	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.57	69	32473	5.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.20%
11) 1,1-Dichloroethene-d2	2.13	63	67658	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	123161	45.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.40	84	125346	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	67255	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.10	84	265990	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.12	67	77279	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	251894	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	26991	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.13	63	115831	46.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57571	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	108719	5.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.20%

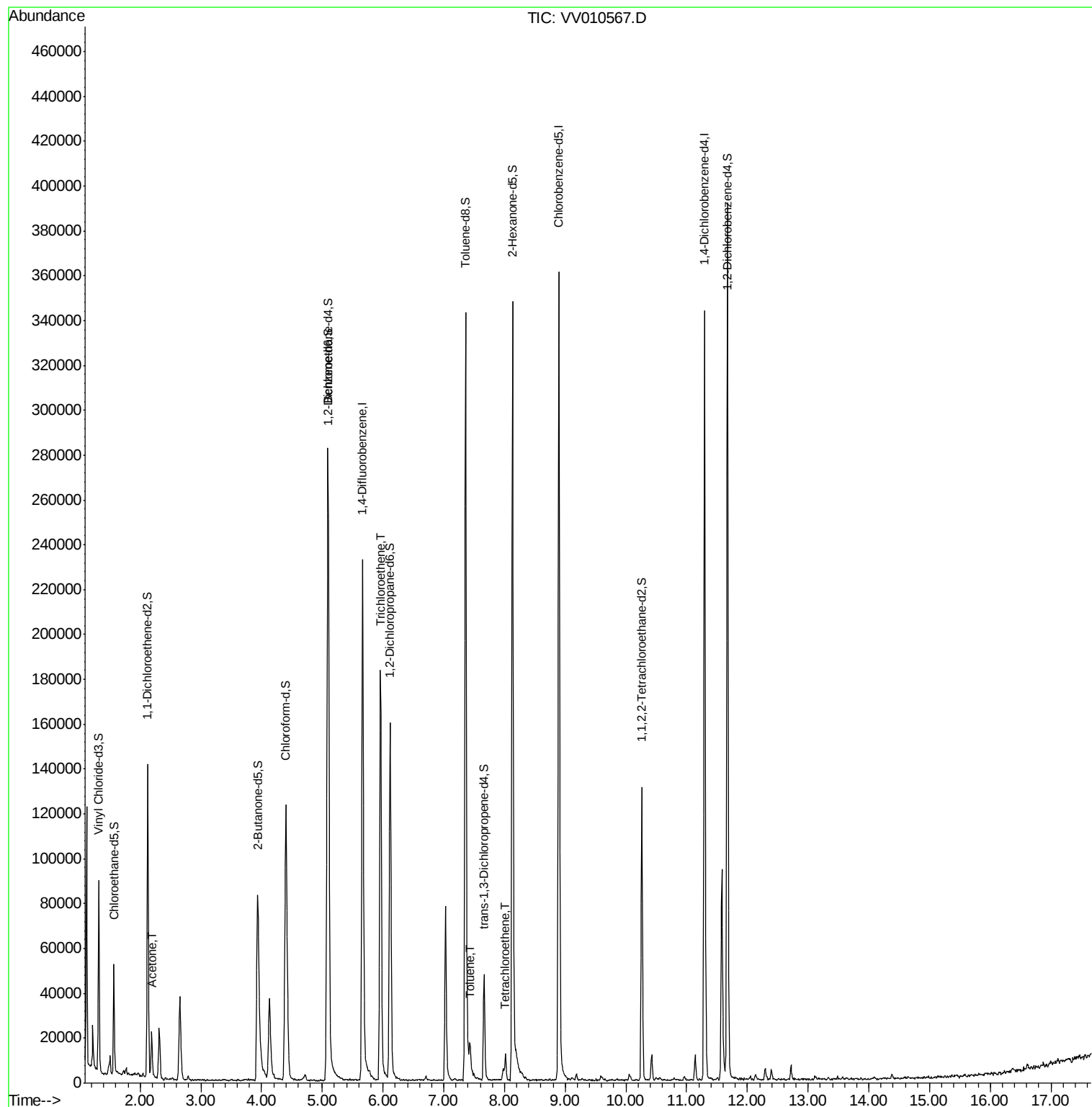
Target Compounds					Ovalue
13) Acetone	2.19	43	17685	13.061 ug/L	97
34) Trichloroethene	5.96	95	62692	3.775 ug/L	98
42) Toluene	7.43	91	8754	0.140 ug/L	90
47) Tetrachloroethene	8.02	164	2970	0.191 ug/L	79

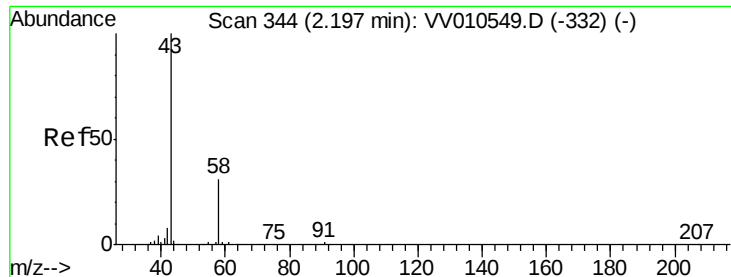
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 13.061 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010567.D

Acq: 30 Apr 2019 00:00

Instrument :

MSVOA_V

ClientSampled :

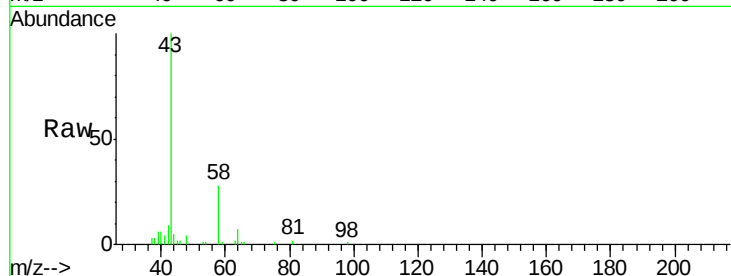
C0X99

Tot Ion: 43 Resp: 17685

Ion Ratio Lower Upper

43 100

58 26.9 0.0 57.4



Abundance Ion 43.05 (42.75 to 43.75): VV010549.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV010549.D (-332) (-)

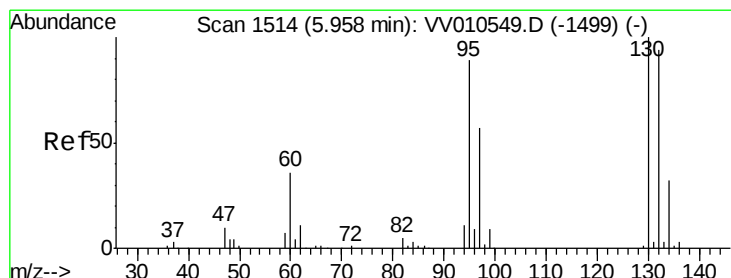
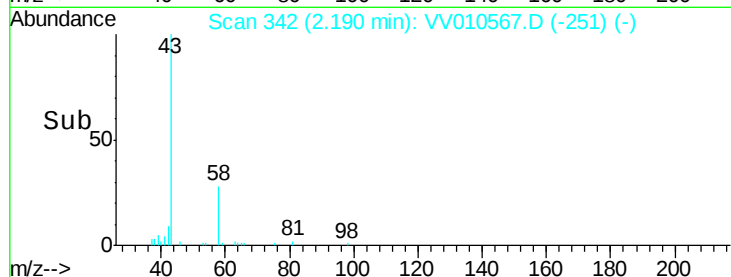
2.19

10000

5000

0

Time-->



#34

Trichloroethene

Concen: 3.775 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010567.D

Acq: 30 Apr 2019 00:00

Tgt Ion: 95 Resp: 62692

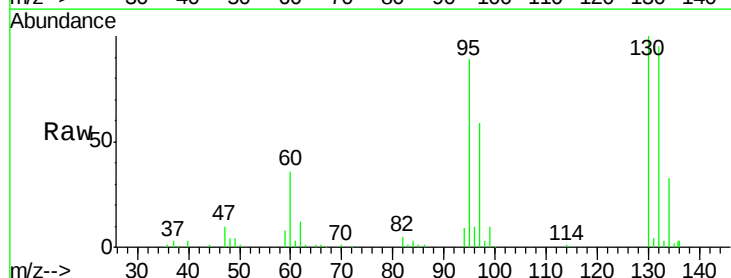
Ion Ratio Lower Upper

95 100

97 66.6 43.3 80.5

132 106.8 74.1 137.5

130 112.5 79.5 147.6



Abundance Ion 95.00 (94.70 to 95.70): VV010549.D (-1499) (-)

Ion 96.95 (96.65 to 97.65): VV010549.D (-1499) (-)

Ion 131.95 (131.65 to 132.65): VV010549.D (-1499) (-)

Ion 129.95 (129.65 to 130.65): VV010549.D (-1499) (-)

50000

40000

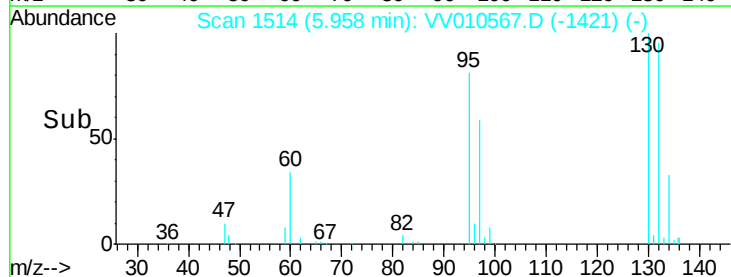
30000

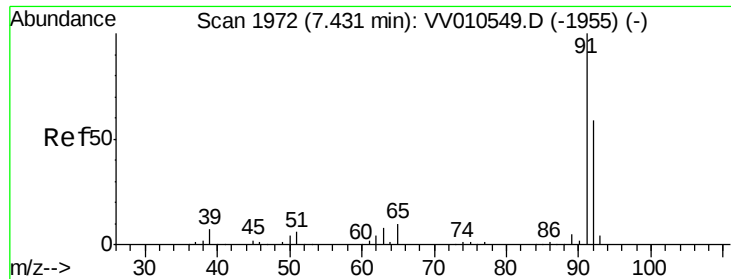
20000

10000

0

Time-->





#42

Toluene

Concen: 0.140 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV010567.D

Acq: 30 Apr 2019 00:00

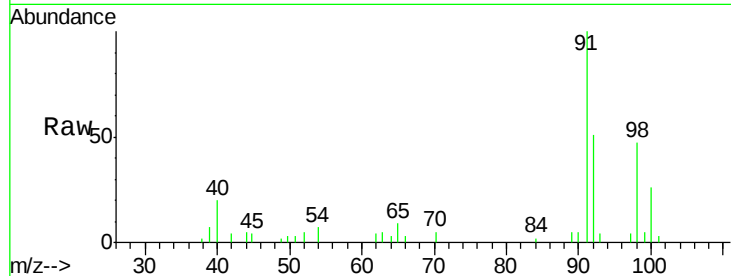
Instrument :
MSVOA_V
ClientSampled :
C0X99

Tot Ion: 91 Resp: 8754

Ion Ratio Lower Upper

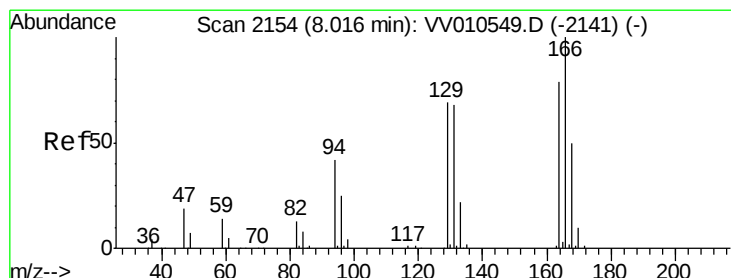
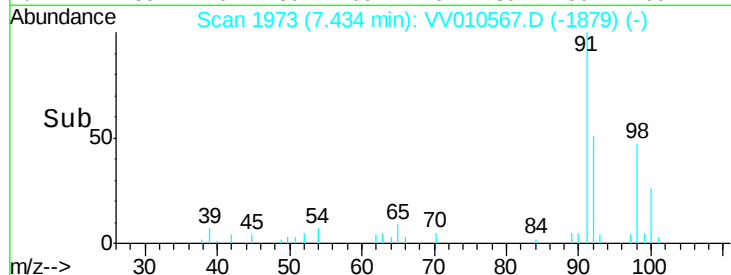
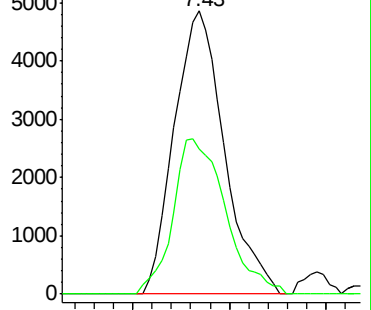
91 100

92 51.2 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV010549.D (-1955) (-)

Ion 92.15 (91.85 to 92.85): VV010549.D (-1955) (-)



#47

Tetrachloroethene

Concen: 0.191 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV010567.D

Acq: 30 Apr 2019 00:00

Tgt Ion: 164 Resp: 2970

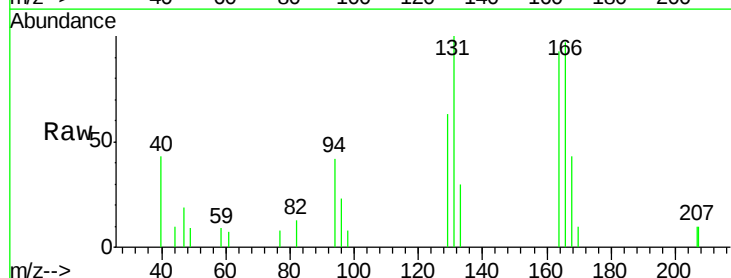
Ion Ratio Lower Upper

164 100

129 67.5 62.2 115.4

131 107.0 61.5 114.1

166 104.3 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV010549.D (-2141) (-)

Ion 128.95 (128.65 to 129.65): VV010549.D (-2141) (-)

Ion 130.95 (130.65 to 131.65): VV010549.D (-2141) (-)

Ion 165.90 (165.60 to 166.60): VV010549.D (-2141) (-)

