

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016881.D
 Acq On : 12 Jun 2020 16:01
 Operator : SY/MD
 Sample : L2947-04
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXE3

Quant Time: Jun 13 01:42:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303342	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	286517	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	139547	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93340	43.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.22%
7) Chloroethane-d5	1.56	69	69813	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.72%
11) 1,1-Dichloroethene-d2	2.11	63	133152	37.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.10%
21) 2-Butanone-d5	3.89	46	157059	99.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.37	84	215930	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
26) 1,2-Dichloroethane-d4	5.05	65	155837	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.07	84	410806	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
36) 1,2-Dichloropropane-d6	6.09	67	126764	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.34	98	372080	49.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.18%
43) trans-1,3-Dichloropropene-	7.64	79	62928	46.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.86%
47) 2-Hexanone-d5	8.11	63	95670	85.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.24%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166441	48.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.68%
64) 1,2-Dichlorobenzene-d4	11.65	152	162549	54.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.16%

Target Compounds

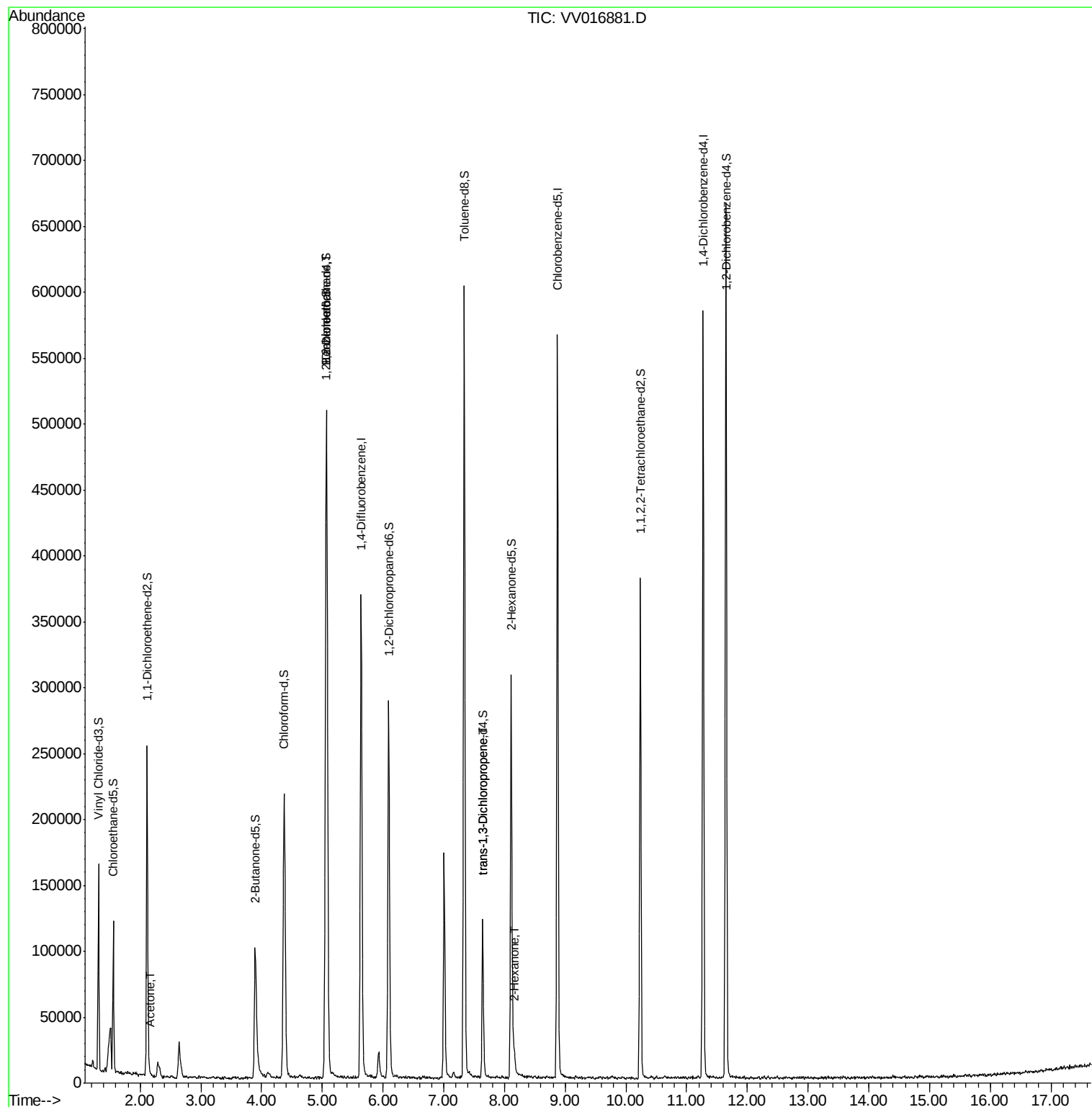
					Ovalue
13) Acetone	2.17	43	1009	0.967 ug/L	87
27) 1,2-Dichloroethane	5.07	62	3099	0.931 ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	3606	1.083 ug/L	96
48) 2-Hexanone	8.16	43	8059	3.327 ug/L #	56

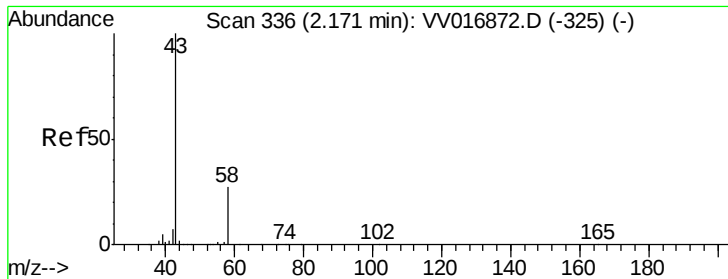
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.967 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016881.D

Acq: 12 Jun 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

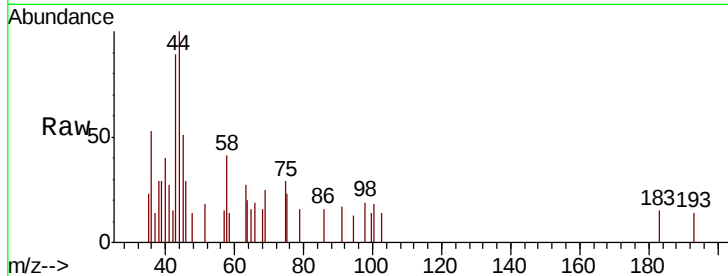
BFXE3

Tot Ion: 43 Resp: 1009

Ion Ratio Lower Upper

43 100

58 34.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016872.D (-325) (-)

Ion 58.00 (57.70 to 58.70): VV016872.D (-325) (-)

2.17

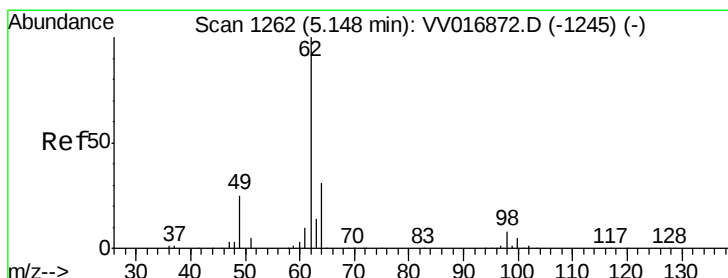
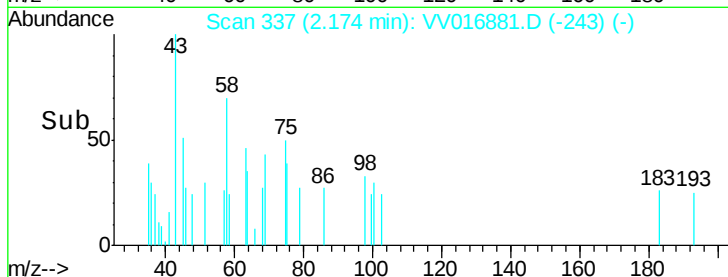
600

400

200

0

Time-->



#27

1,2-Dichloroethane

Concen: 0.931 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.07 min

Lab File: VV016881.D

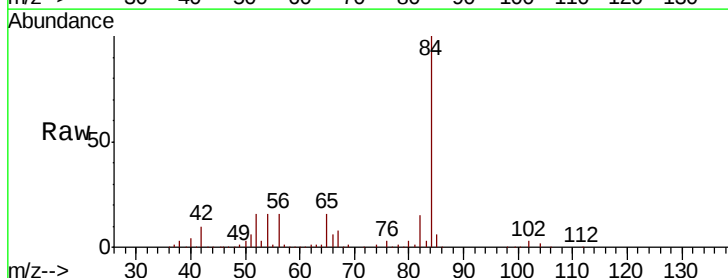
Acq: 12 Jun 2020 16:01

Tgt Ion: 62 Resp: 3099

Ion Ratio Lower Upper

62 100

98 8.2 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016872.D (-1245) (-)

Ion 98.00 (97.70 to 98.70): VV016872.D (-1245) (-)

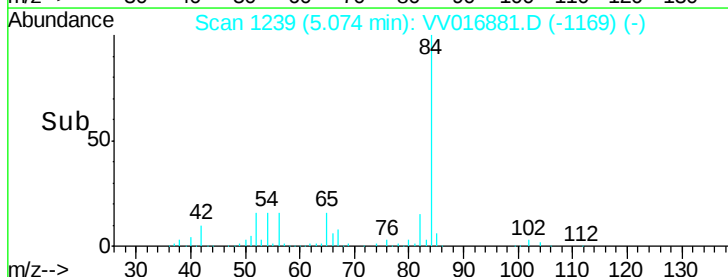
1500

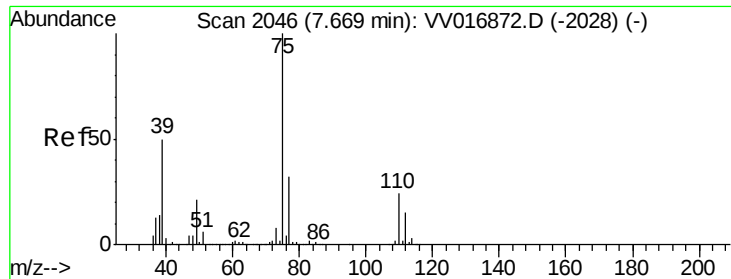
1000

500

0

Time-->





#44

trans-1,3-Dichloropropene

Concen: 1.083 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016881.D

Acq: 12 Jun 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

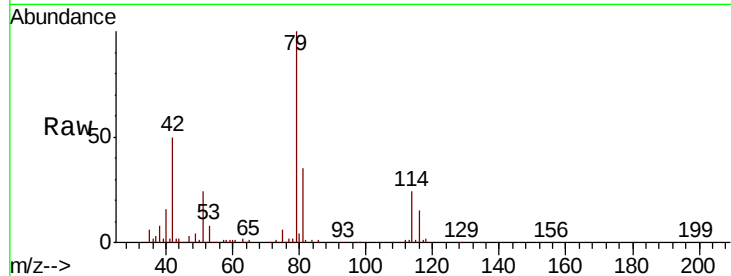
BFXE3

Tot Ion: 75 Resp: 3606

Ion Ratio Lower Upper

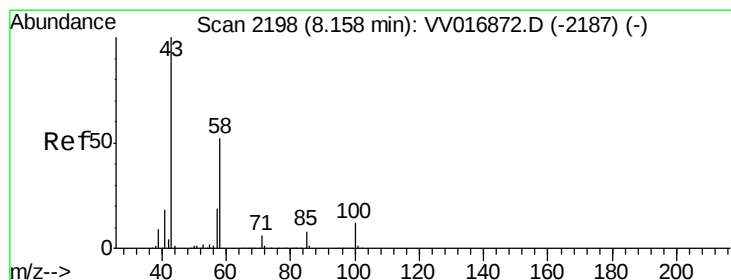
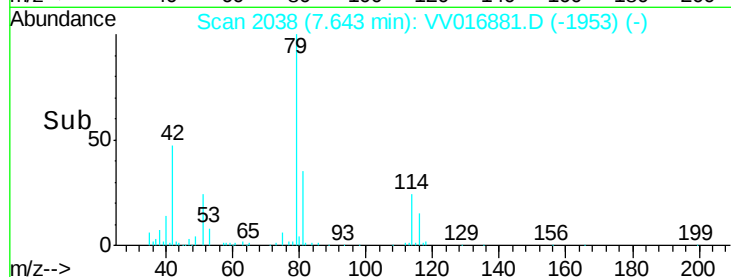
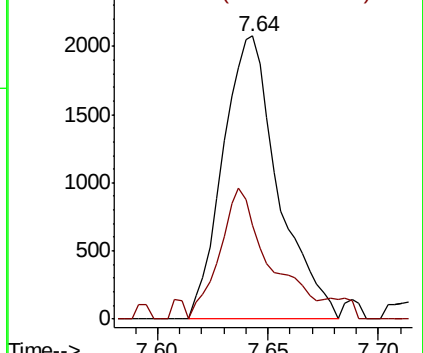
75 100

77 33.0 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0



#48

2-Hexanone

Concen: 3.327 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016881.D

Acq: 12 Jun 2020 16:01

Tgt Ion: 43 Resp: 8059

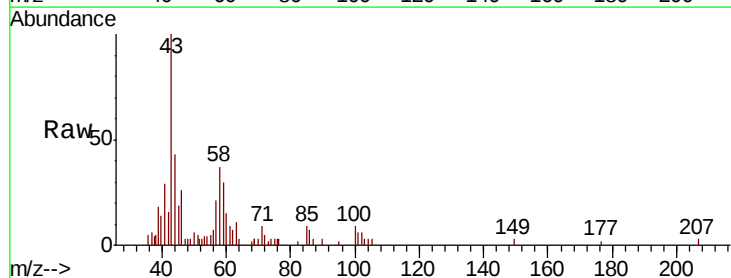
Ion Ratio Lower Upper

43 100

58 5.6 43.1 64.7#

57 20.1 15.3 22.9

100 10.6 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

