

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016719.D
 Acq On : 09 Jun 2020 16:02
 Operator : SY/MD
 Sample : L2901-21MSD
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTR2MSD

Quant Time: Jun 10 00:39:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	364632	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	340163	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	169700	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	84065	32.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.34%
7) Chloroethane-d5	1.56	69	62833	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	2.12	63	167298	38.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.44%
21) 2-Butanone-d5	3.89	46	172901	90.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.79%
24) Chloroform-d	4.37	84	215793	41.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.50%
26) 1,2-Dichloroethane-d4	5.05	65	155750	43.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.54%
32) Benzene-d6	5.07	84	418307	42.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.32%
36) 1,2-Dichloropropane-d6	6.09	67	132676	43.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.82%
41) Toluene-d8	7.34	98	371200	41.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.50%
43) trans-1,3-Dichloropropene-	7.64	79	64329	40.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.82%
47) 2-Hexanone-d5	8.11	63	119225	89.47	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.47%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	186909	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	164816	45.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.02%

Target Compounds

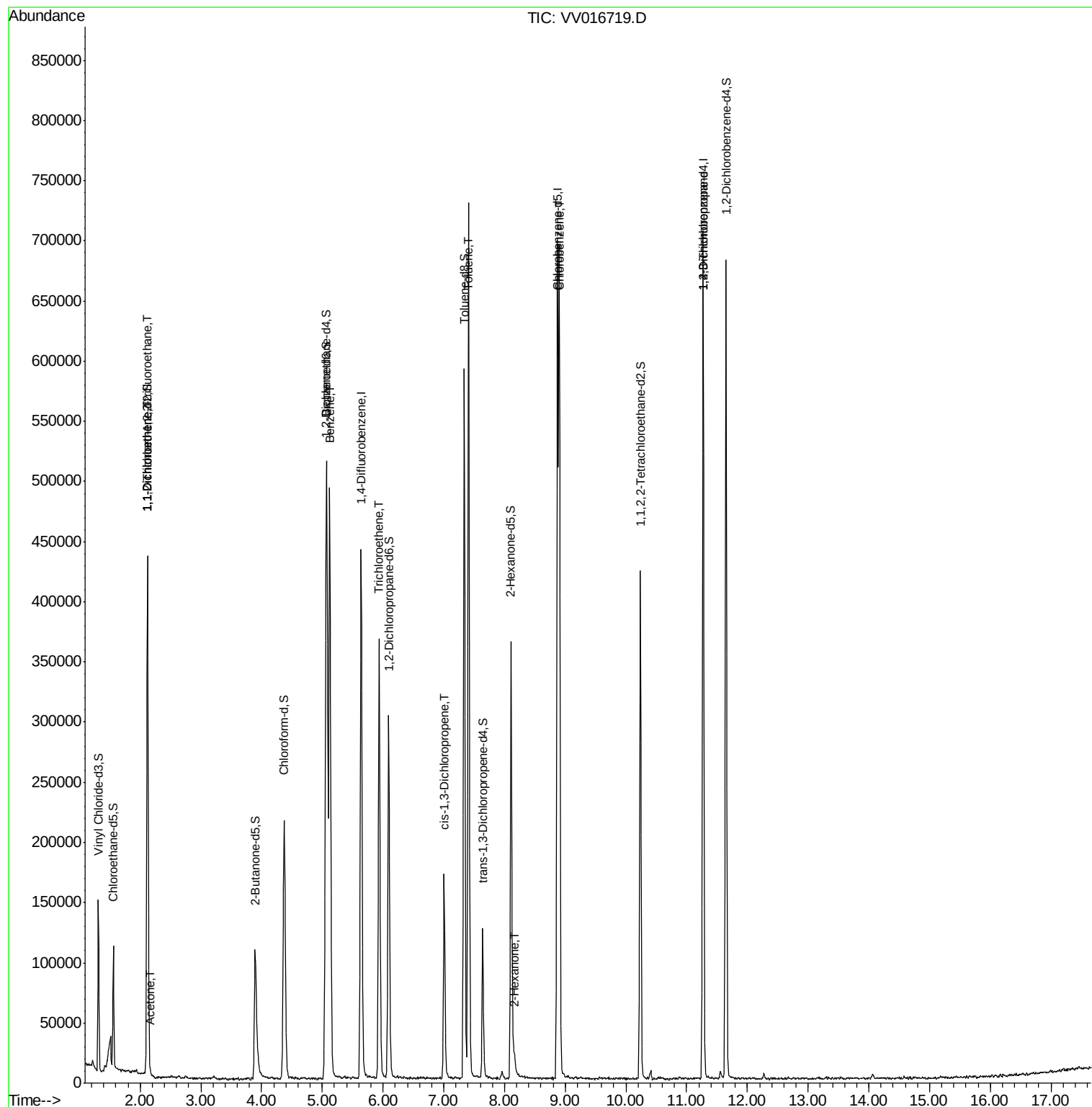
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1579	0.814	ug/L #	19
12) 1,1-Dichloroethene	2.13	96	76013	42.002	ug/L	96
13) Acetone	2.17	43	1644	1.310	ug/L	54
33) Benzene	5.12	78	471821	46.880	ug/L	100
34) Trichloroethene	5.94	95	121538	45.027	ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	4576	1.126	ug/L #	64
42) Toluene	7.41	91	507208	47.806	ug/L	99
48) 2-Hexanone	8.16	43	9706	3.375	ug/L #	91
51) Chlorobenzene	8.90	112	336071	48.550	ug/L	98
59) 1,2,3-Trichloropropane	11.27	75	20171	6.211	ug/L	88

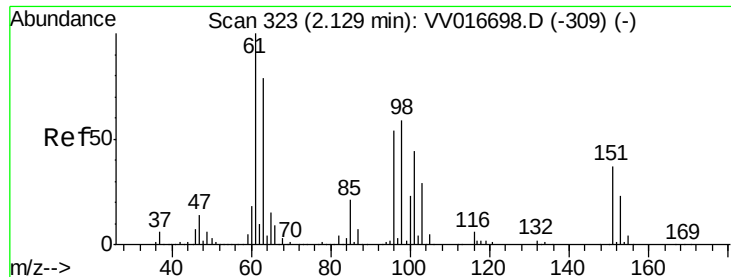
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jun 10 00:34:30 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.814 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV016719.D

Acq: 09 Jun 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

ETTR2MSD

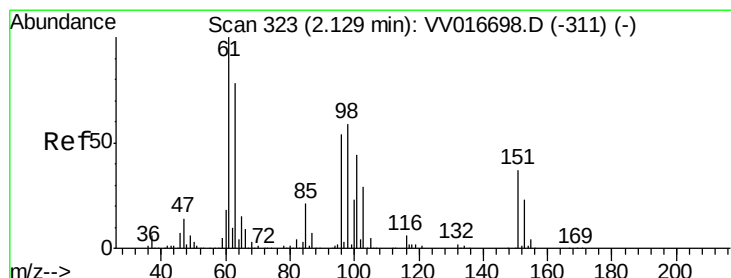
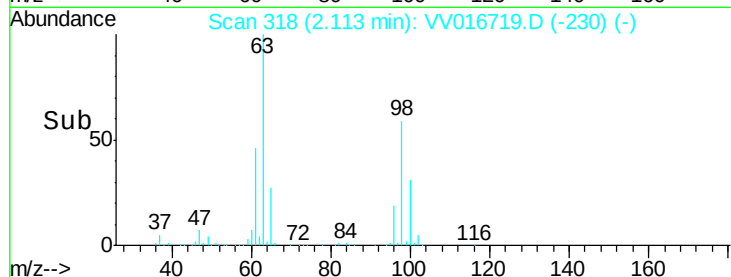
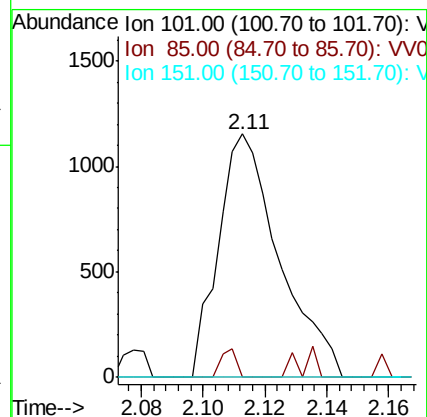
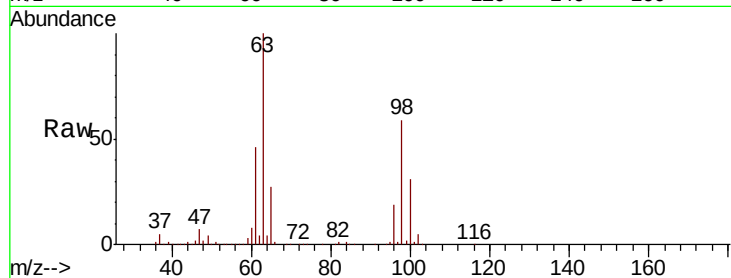
Tot Ion:101 Resp: 1579

Ion Ratio Lower Upper

101 100

85 3.0 35.5 53.3#

151 0.0 63.9 95.9#



#12

1,1-Dichloroethene

Concen: 42.002 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016719.D

Acq: 09 Jun 2020 16:02

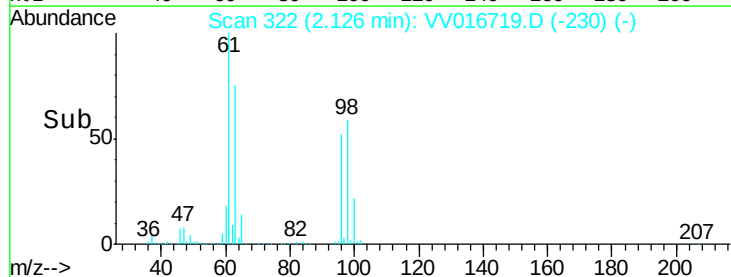
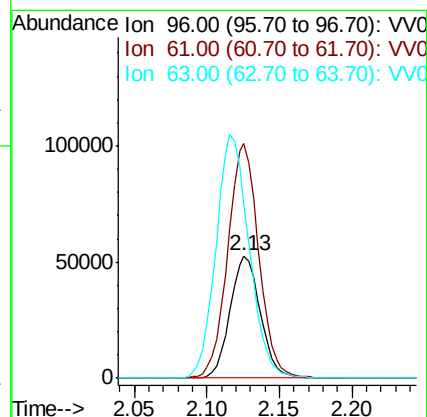
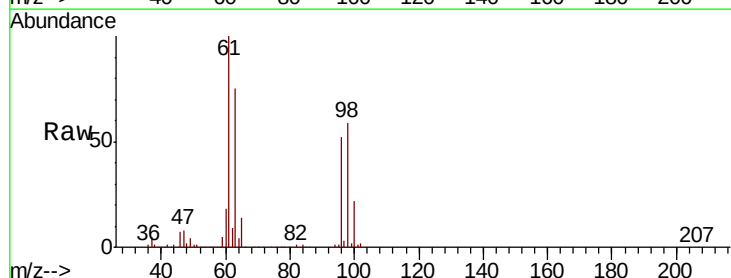
Tgt Ion: 96 Resp: 76013

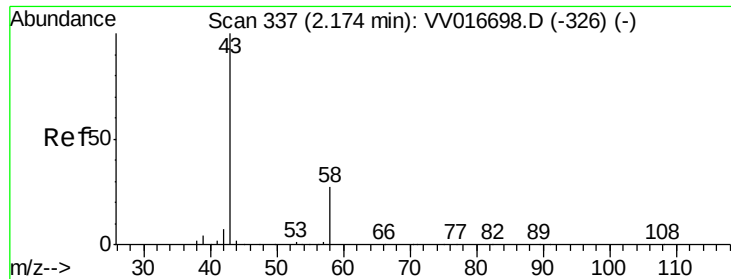
Ion Ratio Lower Upper

96 100

61 191.9 130.4 242.2

63 143.3 103.3 191.9





#13

Acetone

Concen: 1.310 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016719.D

Acq: 09 Jun 2020 16:02

Instrument :

MSVOA_V

ClientSampled :

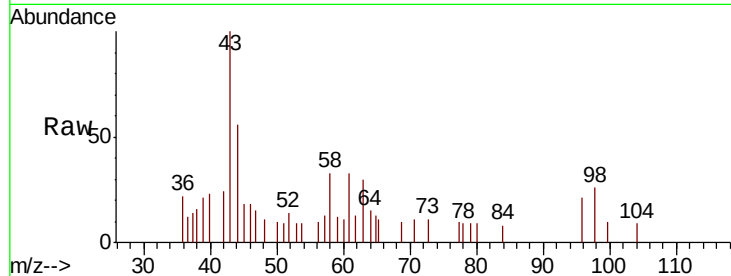
ETTR2MSD

Tot Ion: 43 Resp: 1644

Ion Ratio Lower Upper

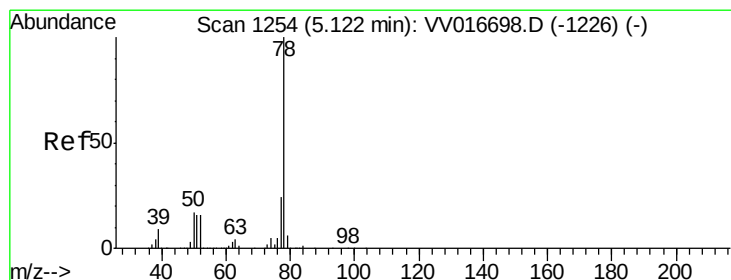
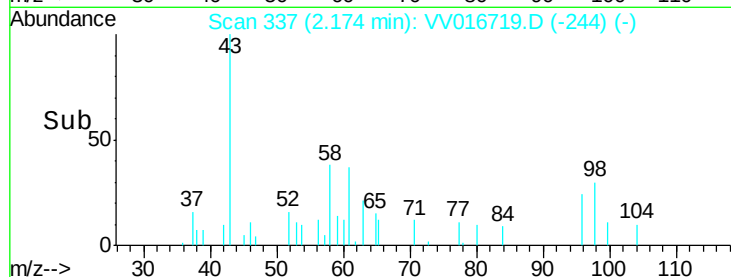
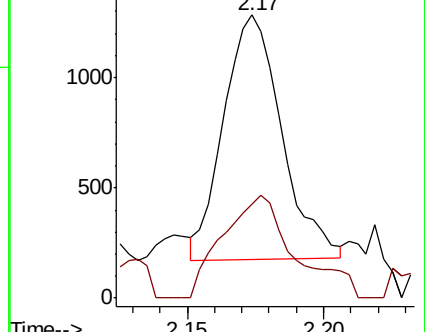
43 100

58 51.8 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016698.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016698.D (-326) (-)



#33

Benzene

Concen: 46.880 ug/L

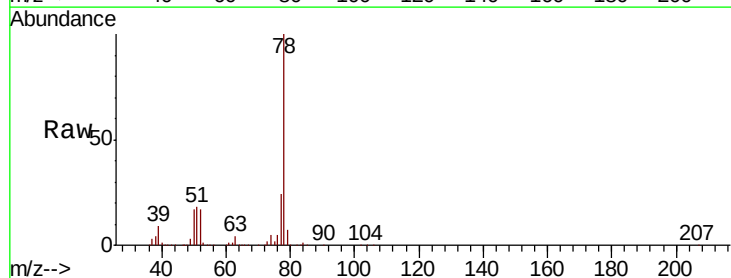
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

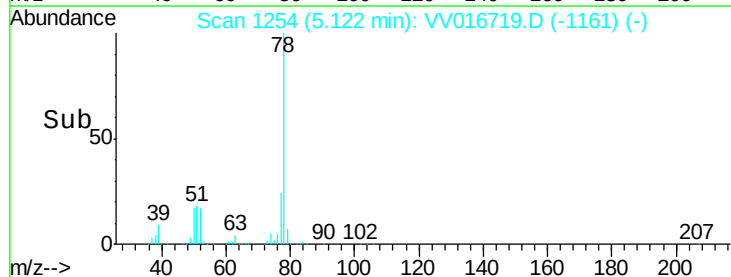
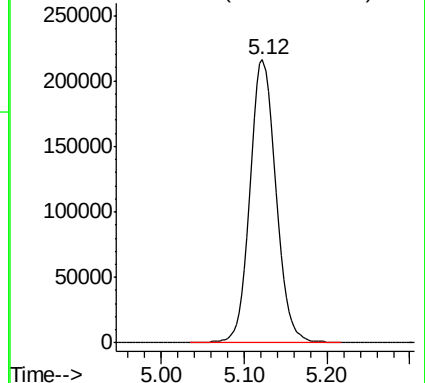
Lab File: VV016719.D

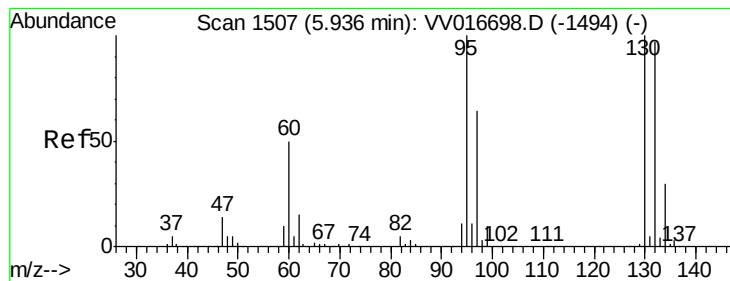
Acq: 09 Jun 2020 16:02

Tgt Ion: 78 Resp: 471821



Abundance Ion 78.00 (77.70 to 78.70): VV016698.D (-1226) (-)





#34

Trichloroethene

Concen: 45.027 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VV016719.D

Acq: 09 Jun 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

ETTR2MSD

Tot Ion: 95 Resp: 121538

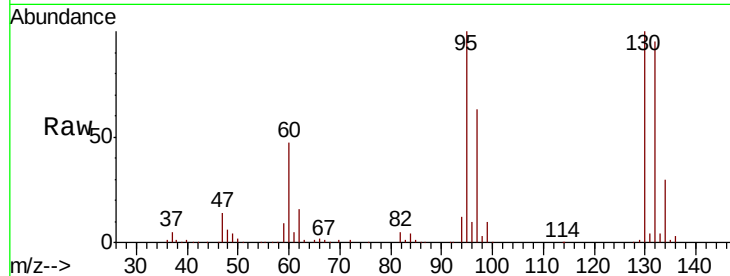
Ion Ratio Lower Upper

95 100

97 63.2 44.3 82.3

132 95.8 67.9 126.1

130 100.4 72.2 134.2



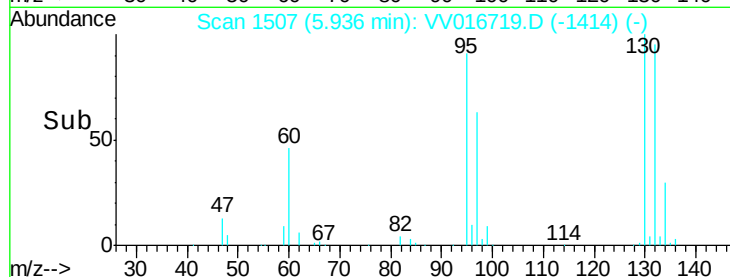
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

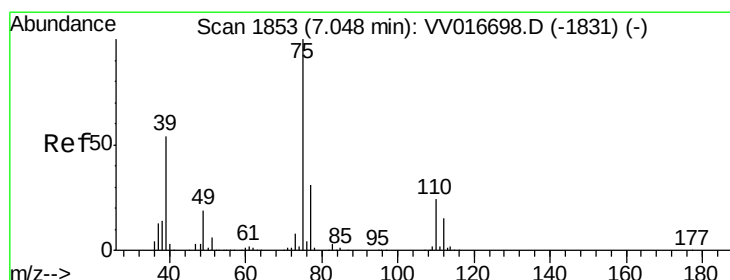
Ion 130.00 (129.70 to 130.70): VV0

Time-->



5.94

Time-->



#39

cis-1,3-Dichloropropene

Concen: 1.126 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV016719.D

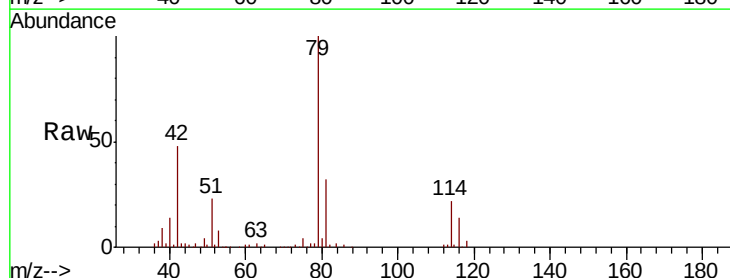
Acq: 09 Jun 2020 16:02

Tgt Ion: 75 Resp: 4576

Ion Ratio Lower Upper

75 100

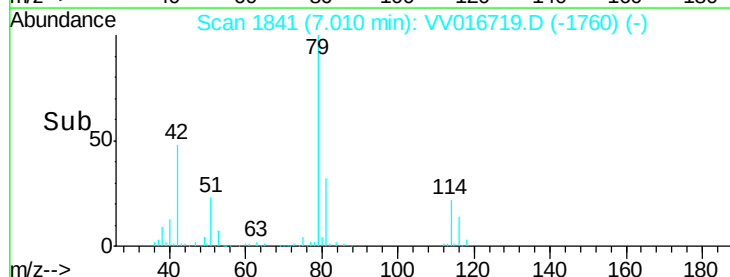
77 52.5 22.7 42.1#



Abundance Ion 75.00 (74.70 to 75.70): VV0

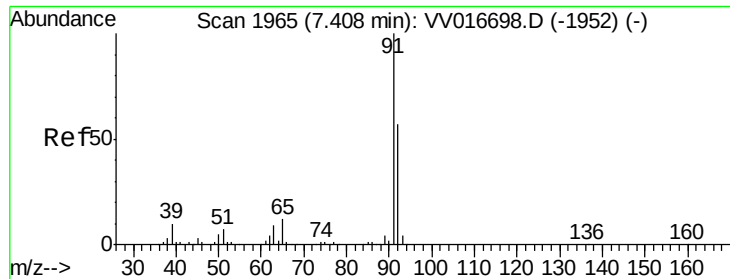
Ion 77.00 (76.70 to 77.70): VV0

Time-->



7.01

Time-->



#42

Toluene

Concen: 47.806 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016719.D

Acq: 09 Jun 2020 16:02

Instrument :

MSVOA_V

ClientSampleId :

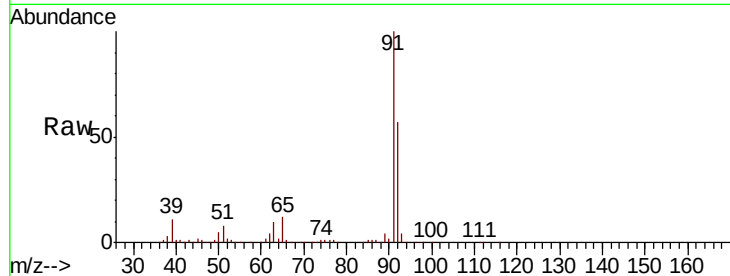
ETTR2MSD

Tot Ion: 91 Resp: 507208

Ion Ratio Lower Upper

91 100

92 57.3 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

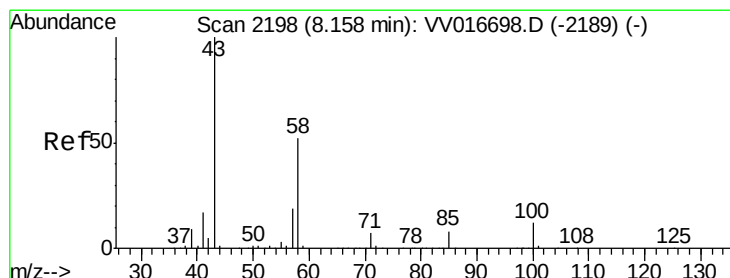
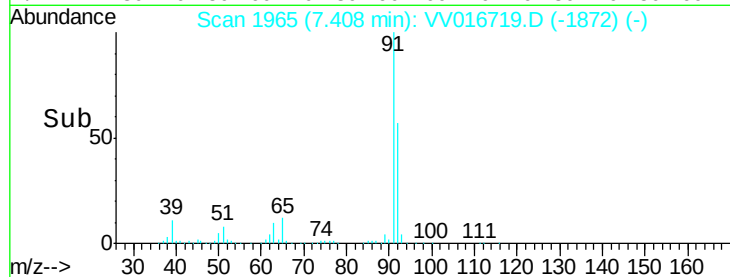
300000

200000

100000

0

Time-->



#48

2-Hexanone

Concen: 3.375 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016719.D

Acq: 09 Jun 2020 16:02

Tgt Ion: 43 Resp: 9706

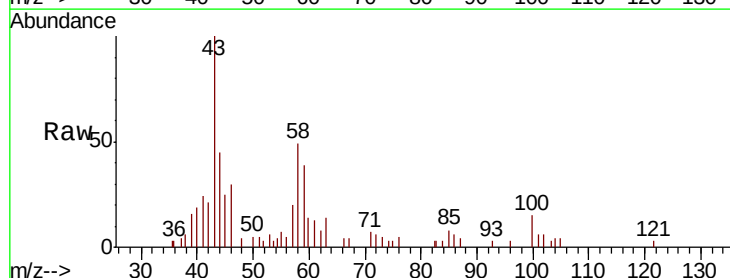
Ion Ratio Lower Upper

43 100

58 52.1 43.1 64.7

57 6.8 15.3 22.9#

100 8.4 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

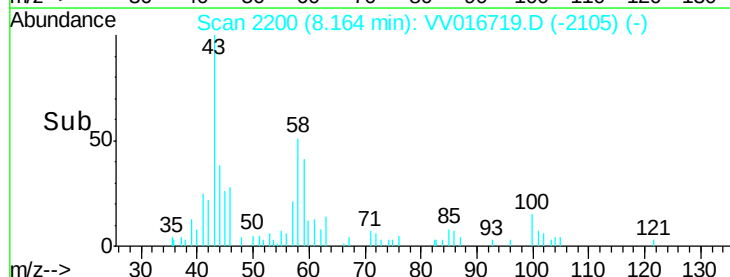
8.16

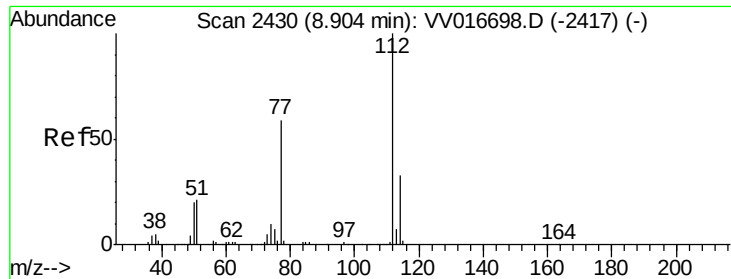
10000

5000

0

Time-->

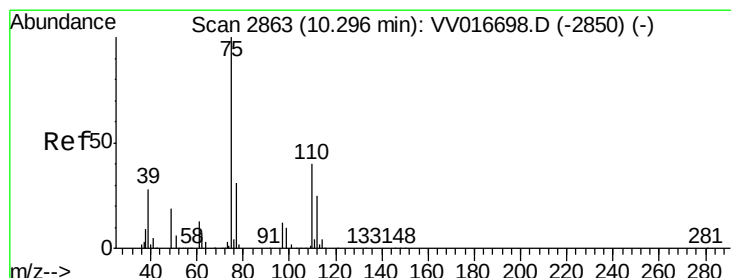
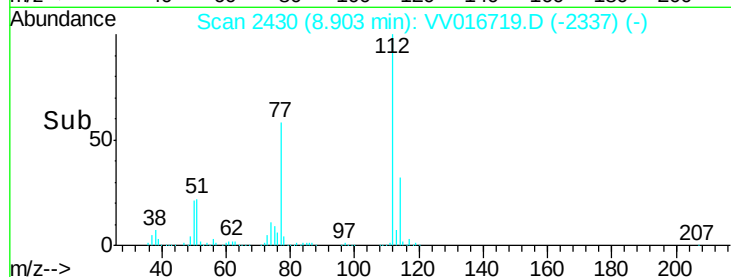
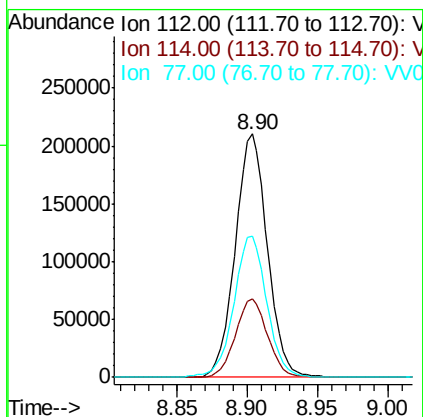
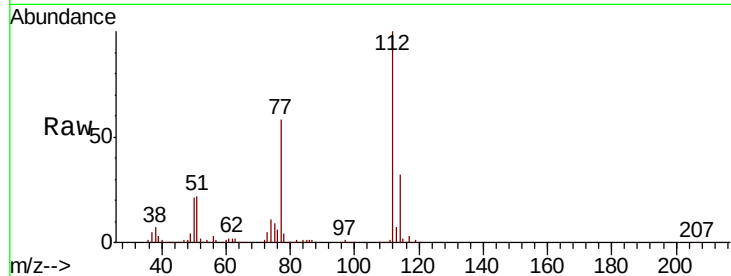




#51
Chlorobenzene
Concen: 48.550 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. -0.00 min
Lab File: VV016719.D
Acq: 09 Jun 2020 16:02

Instrument :
MSVOA_V
ClientSampleId :
ETTR2MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.3
77	58.1	47.9	71.9



#59
1,2,3-Trichloropropane
Concen: 6.211 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV016719.D
Acq: 09 Jun 2020 16:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.1	26.1	39.1

