

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052620\
 Data File : VV016207.D
 Acq On : 26 May 2020 21:58
 Operator : SY/MD
 Sample : L2753-16MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXF4MS

Quant Time: May 27 05:56:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 03:06:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	96070	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93445	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	42413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28749	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.58	69	26364	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	55538	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.80%
20) 2-Butanone-d5	3.94	46	81867	53.49	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.38	84	59102	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	32002	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.08	84	114504	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.10	67	36133	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	104761	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
45) trans-1,3-Dichloropropene-	7.65	79	12900	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
48) 2-Hexanone-d5	8.12	63	60723	49.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.20%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25858	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	36827	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

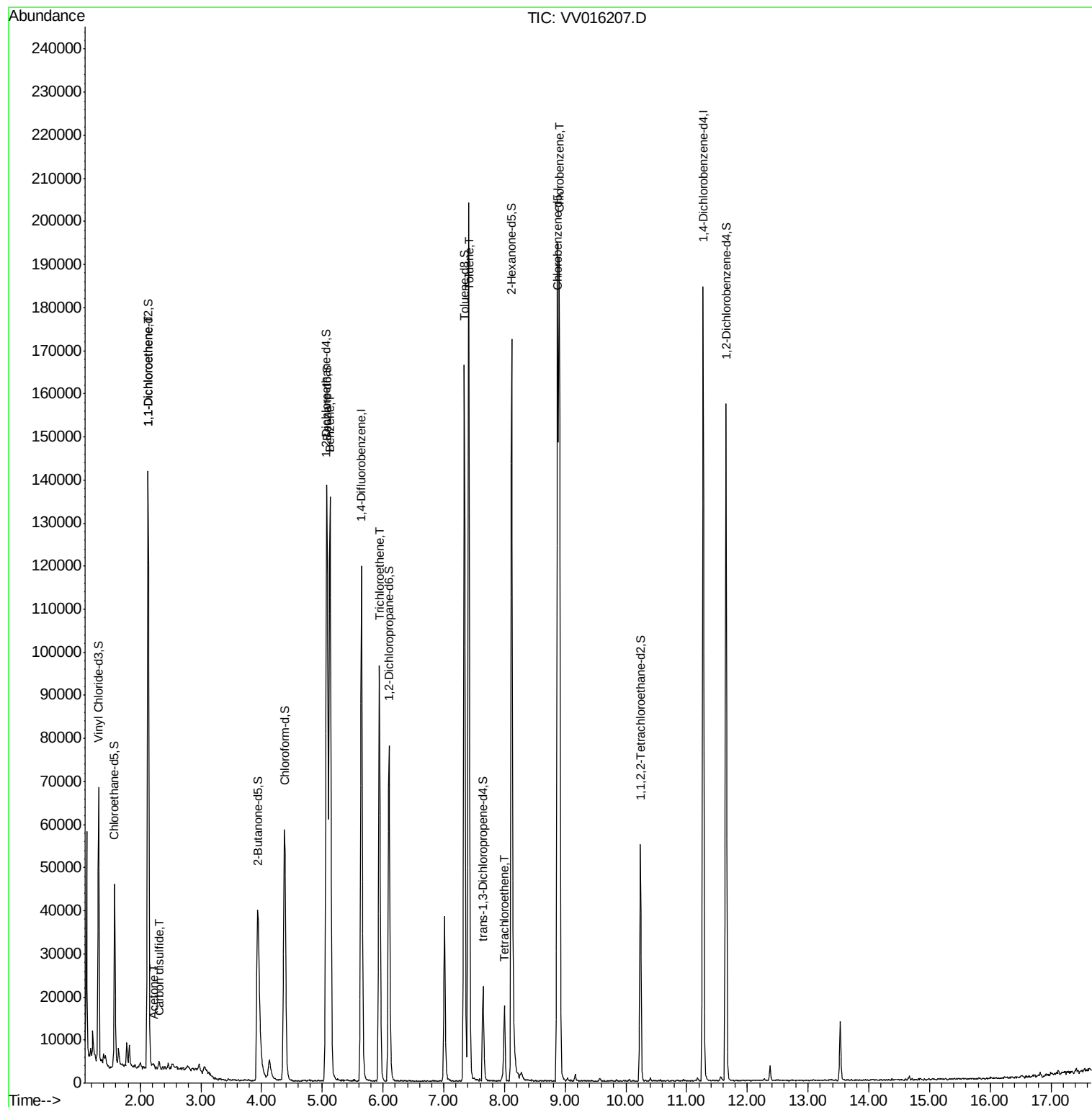
					Ovalue
12) 1,1-Dichloroethene	2.14	96	25327	4.470 ug/L	96
13) Acetone	2.21	43	1992	2.103 ug/L	90
14) Carbon disulfide	2.31	76	1830	0.104 ug/L #	84
33) Benzene	5.13	78	130331	4.847 ug/L	100
34) Trichloroethene	5.94	95	34373	4.907 ug/L	98
42) Toluene	7.41	91	142510	4.860 ug/L	100
49) Tetrachloroethene	8.00	164	3581	0.712 ug/L	90
53) Chlorobenzene	8.90	112	93181	5.142 ug/L	97

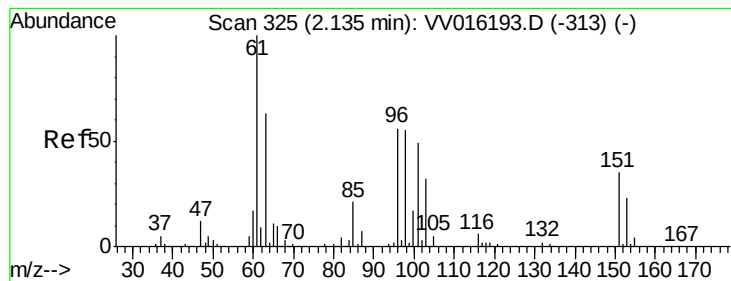
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 03:06:56 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 4.470 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV016207.D

Acq: 26 May 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

GAXF4MS

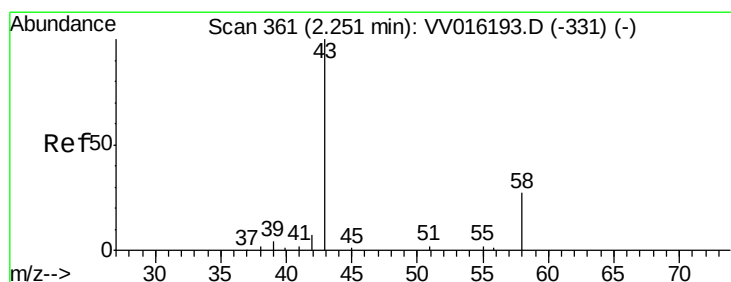
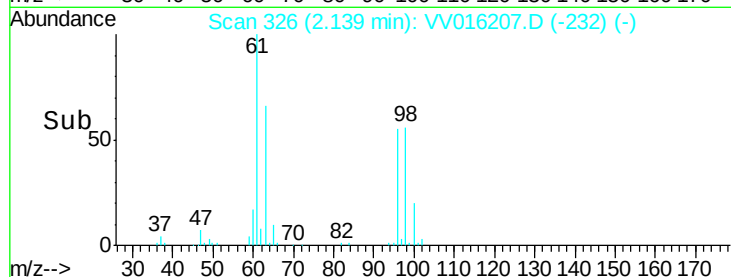
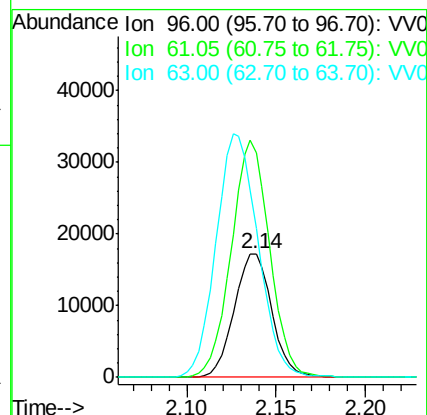
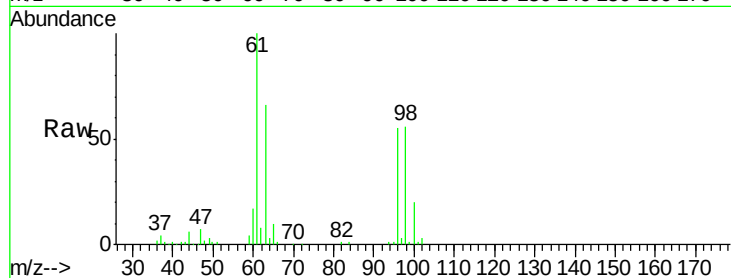
Tot Ion: 96 Resp: 25327

Ion Ratio Lower Upper

96 100

61 182.1 124.9 231.9

63 120.4 80.4 149.2



#13

Acetone

Concen: 2.103 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.04 min

Lab File: VV016207.D

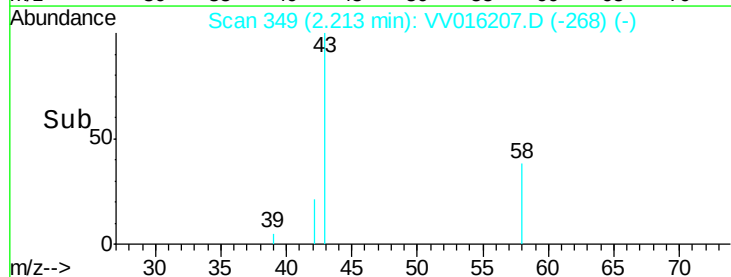
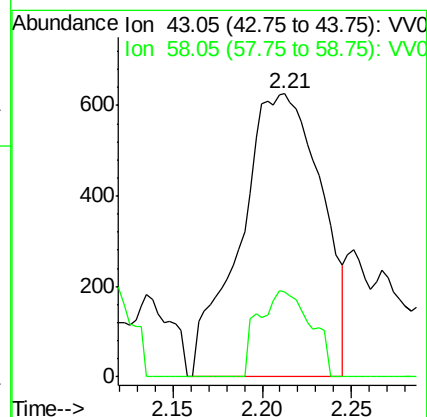
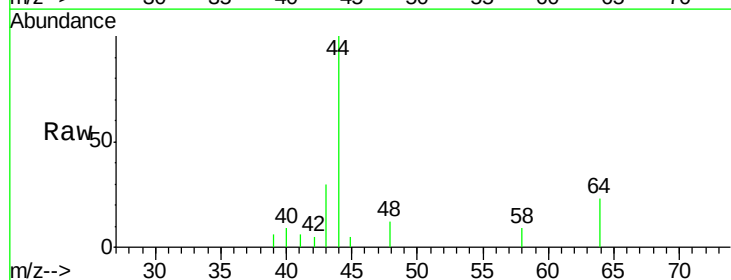
Acq: 26 May 2020 21:58

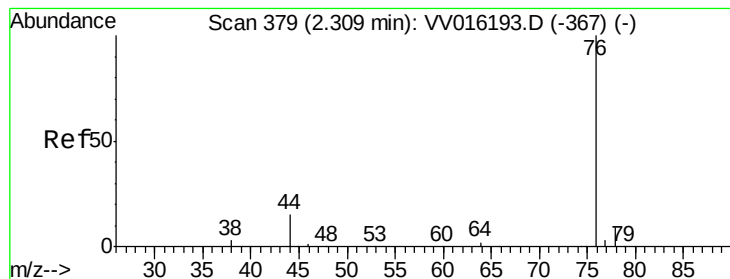
Tgt Ion: 43 Resp: 1992

Ion Ratio Lower Upper

43 100

58 19.5 0.0 48.8





#14

Carbon disulfide

Concen: 0.104 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV016207.D

Acq: 26 May 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

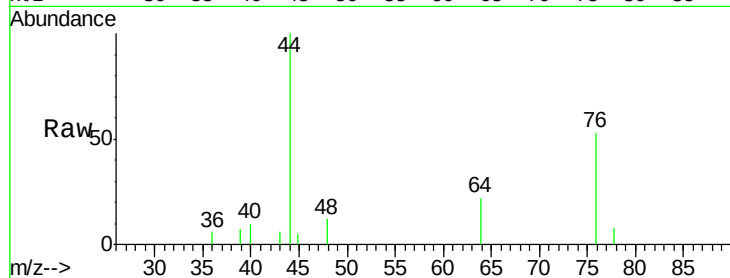
GAXF4MS

Tot Ion: 76 Resp: 1830

Ion Ratio Lower Upper

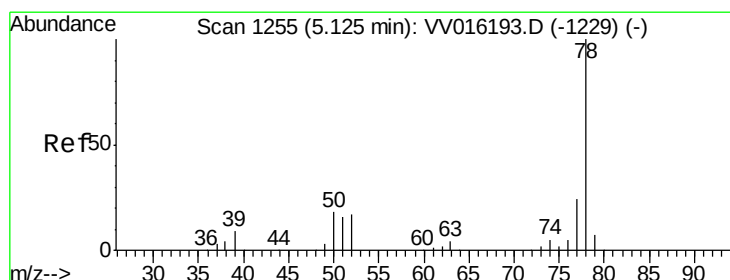
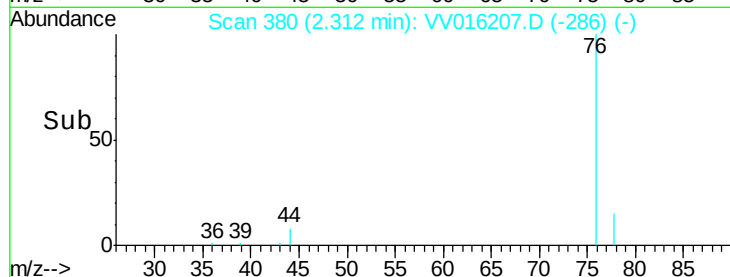
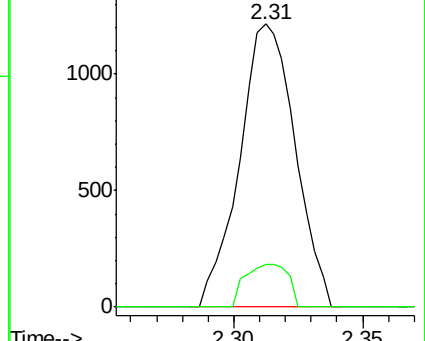
76 100

78 14.9 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#33

Benzene

Concen: 4.847 ug/L

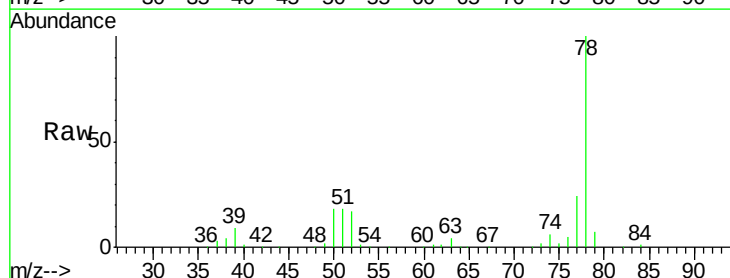
RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

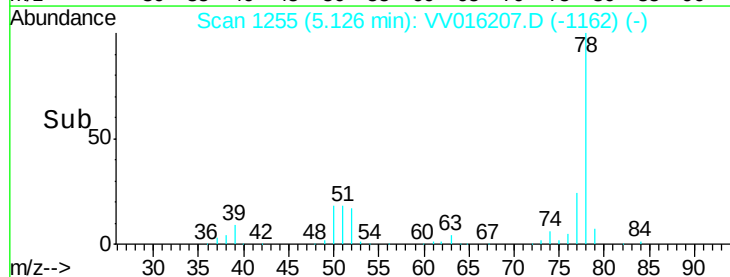
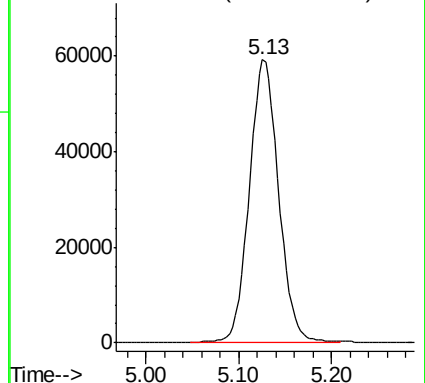
Lab File: VV016207.D

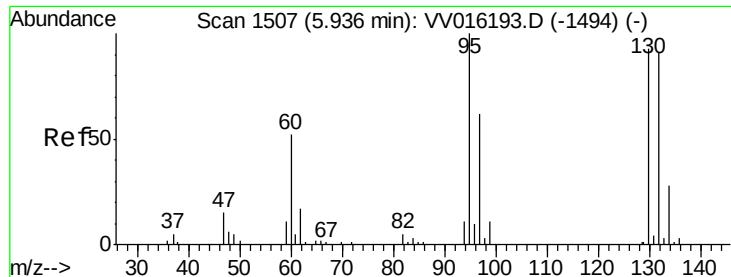
Acq: 26 May 2020 21:58

Tgt Ion: 78 Resp: 130331



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.907 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016207.D

Acq: 26 May 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

GAXF4MS

Tot Ion: 95 Resp: 34373

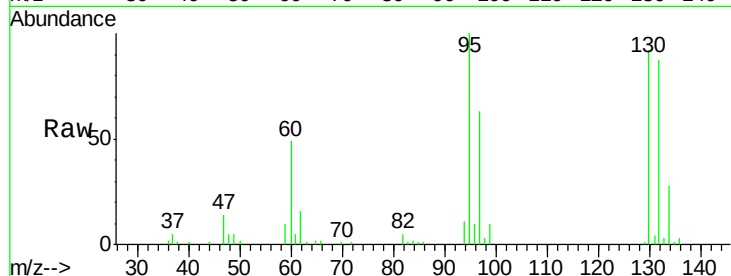
Ion Ratio Lower Upper

95 100

97 63.0 43.6 81.0

132 87.3 63.9 118.7

130 92.3 65.2 121.0

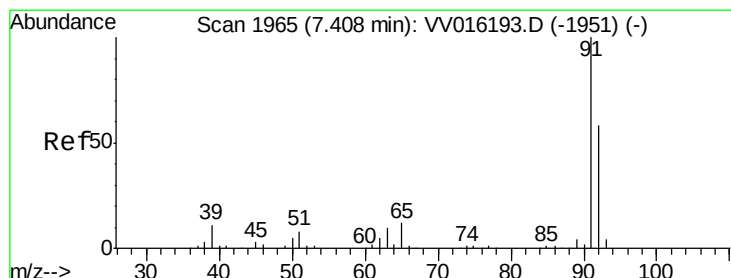
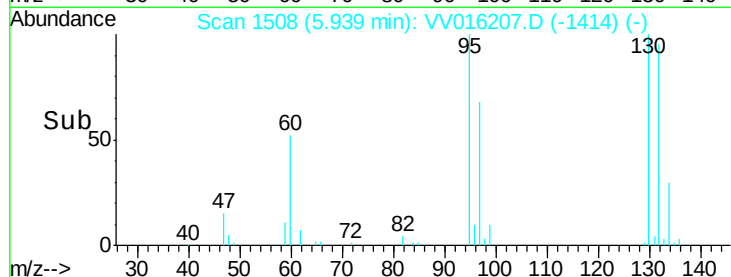
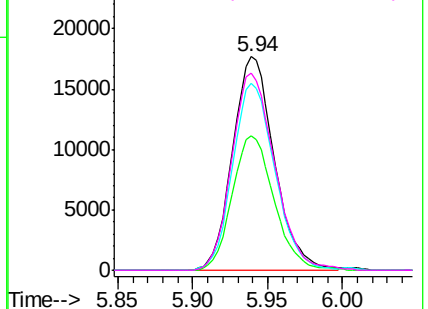


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#42

Toluene

Concen: 4.860 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016207.D

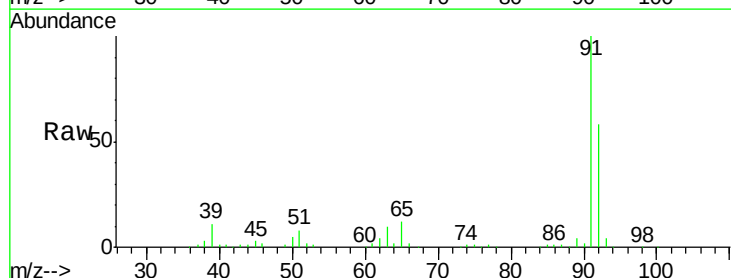
Acq: 26 May 2020 21:58

Tgt Ion: 91 Resp: 142510

Ion Ratio Lower Upper

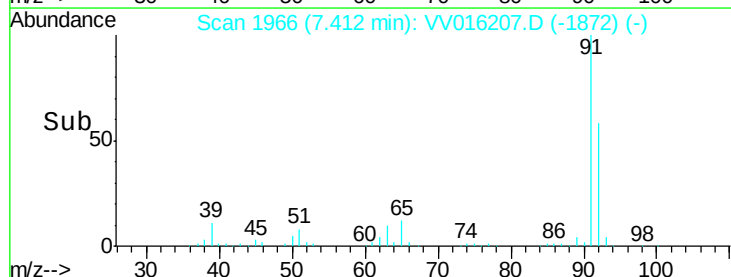
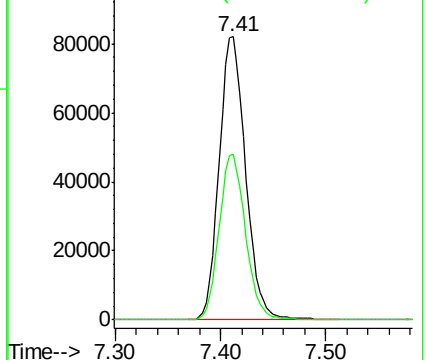
91 100

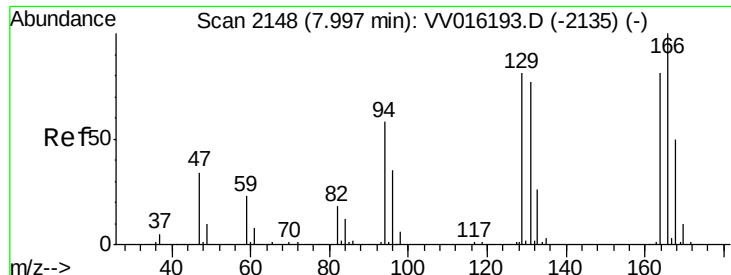
92 58.3 40.9 76.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0





#49

Tetrachloroethene

Concen: 0.712 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016207.D

Acq: 26 May 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

GAXF4MS

Tot Ion:164 Resp: 3581

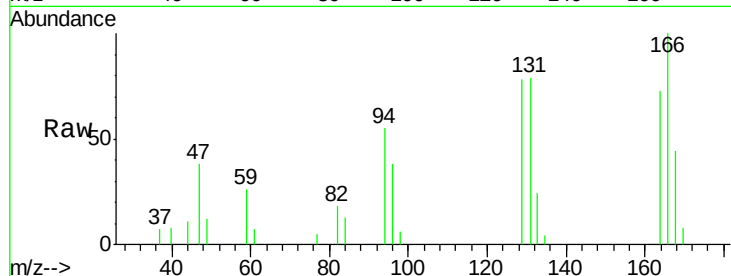
Ion Ratio Lower Upper

164 100

129 106.5 70.7 131.3

131 107.9 66.6 123.8

166 137.1 86.9 161.5

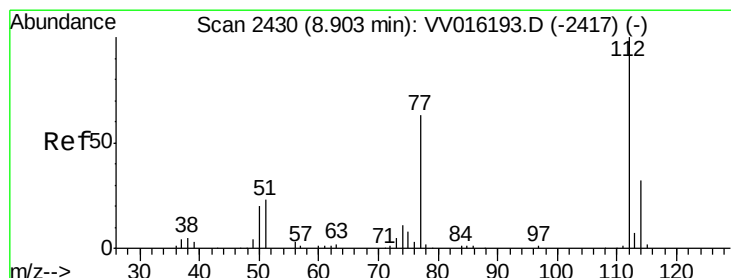
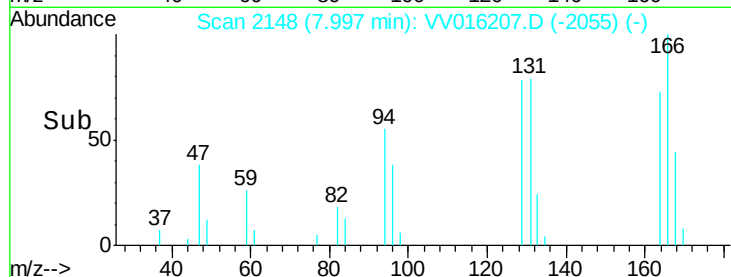
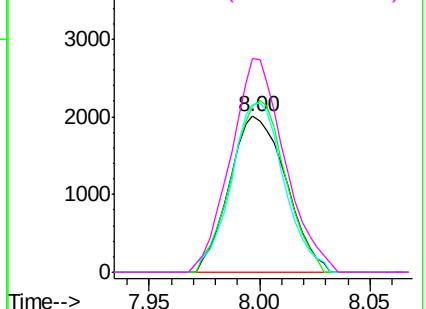


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#53

Chlorobenzene

Concen: 5.142 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016207.D

Acq: 26 May 2020 21:58

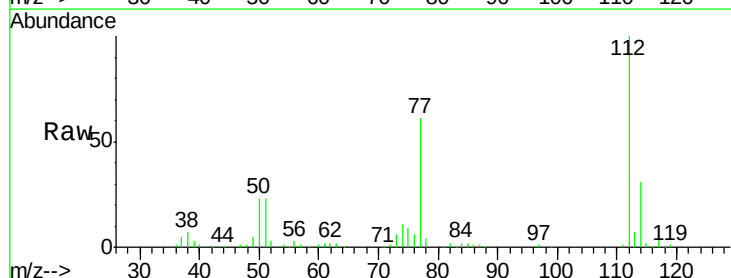
Tgt Ion:112 Resp: 93181

Ion Ratio Lower Upper

112 100

114 30.6 22.3 41.3

77 60.8 50.7 76.1



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

