

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016069.D
 Acq On : 14 May 2020 16:11
 Operator : SY/MD
 Sample : L2598-20MSD
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4241MSD

Quant Time: May 15 07:59:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144117	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145668	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	40372	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	40461	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.12	63	84961	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	3.93	46	118211	53.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.00%
24) Chloroform-d	4.38	84	84379	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.06	65	49284	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.08	84	166272	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.10	67	53386	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	145138	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloropropene-	7.65	79	17722	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
48) 2-Hexanone-d5	8.12	63	91946	50.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.82%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37176	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	53931	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

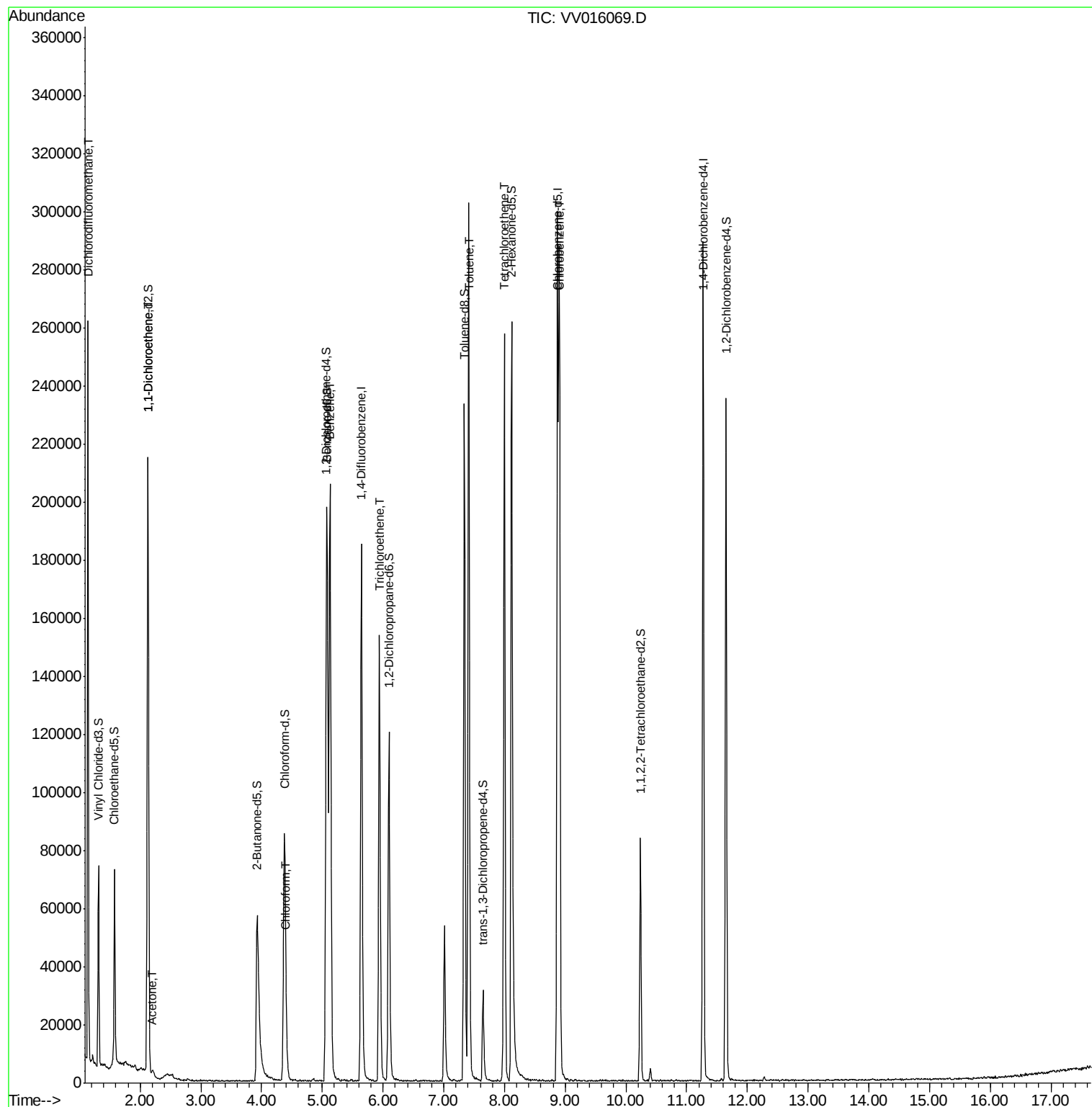
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2831	0.256	ug/L	95
12) 1,1-Dichloroethene	2.13	96	38198	4.816	ug/L	99
13) Acetone	2.21	43	5011	3.406	ug/L	66
25) Chloroform	4.41	83	8694	0.468	ug/L	99
33) Benzene	5.13	78	194231	5.300	ug/L	100
34) Trichloroethene	5.94	95	53143	5.080	ug/L	96
42) Toluene	7.41	91	210037	5.407	ug/L	100
49) Tetrachloroethene	8.00	164	52230	7.156	ug/L	99
53) Chlorobenzene	8.90	112	137229	5.493	ug/L	97

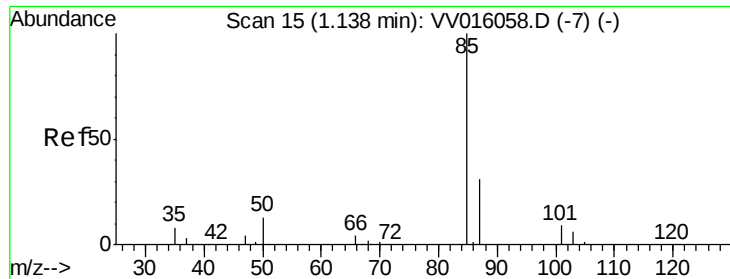
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.256 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

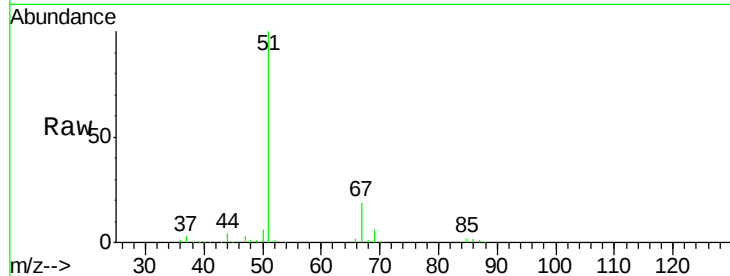
H4241MSD

Tot Ion: 85 Resp: 2831

Ion Ratio Lower Upper

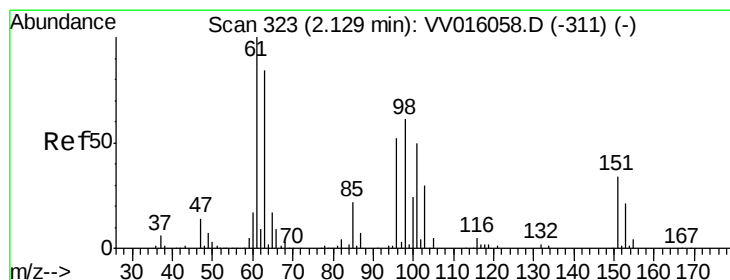
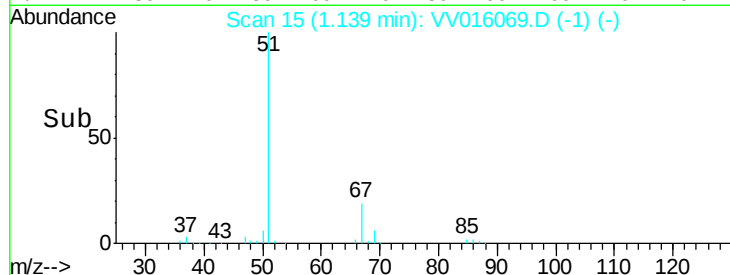
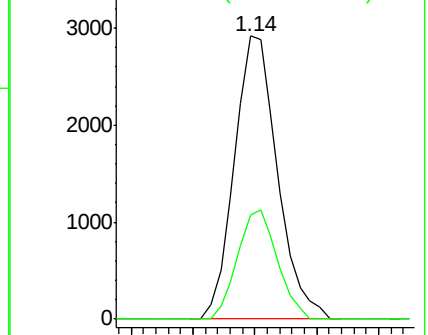
85 100

87 35.6 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#12

1,1-Dichloroethene

Concen: 4.816 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

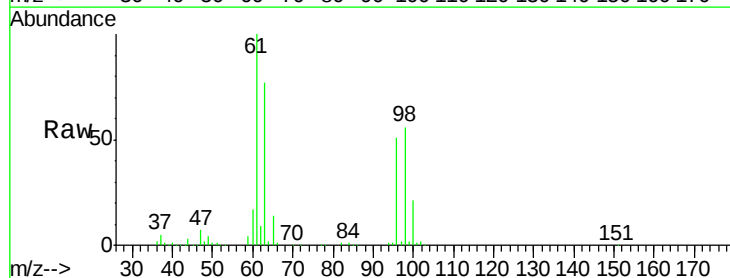
Tgt Ion: 96 Resp: 38198

Ion Ratio Lower Upper

96 100

61 197.1 139.9 259.7

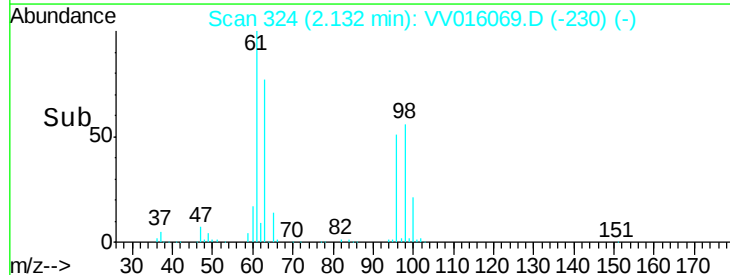
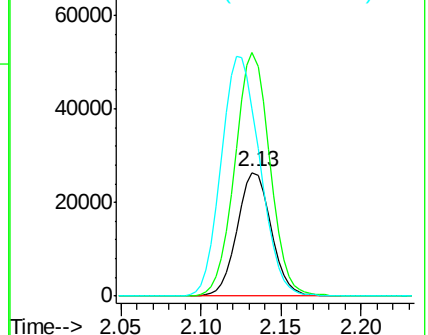
63 151.2 106.4 197.6

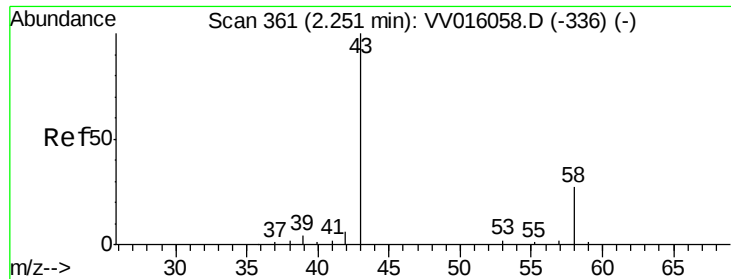


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.406 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.04 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

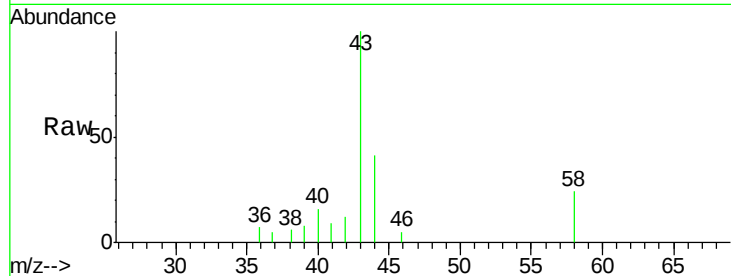
H4241MSD

Tot Ion: 43 Resp: 5011

Ion Ratio Lower Upper

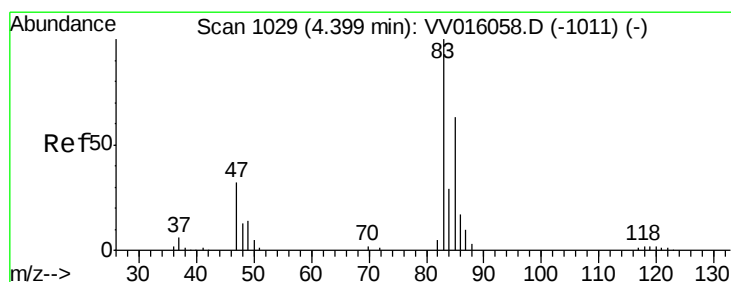
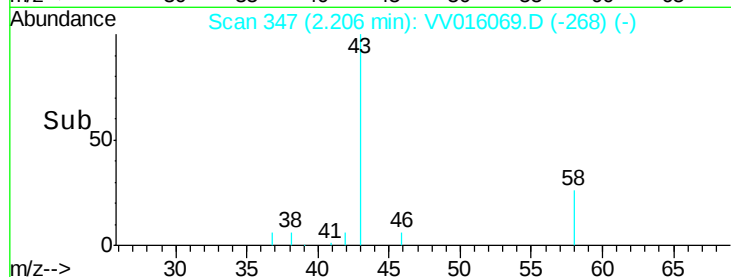
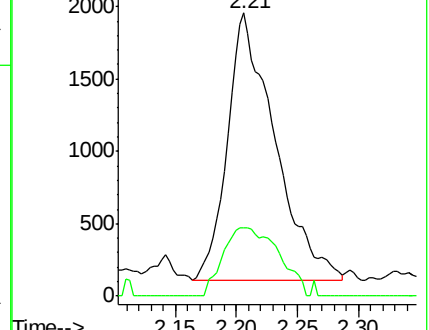
43 100

58 29.8 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016058.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV016058.D (-336) (-)



#25

Chloroform

Concen: 0.468 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV016069.D

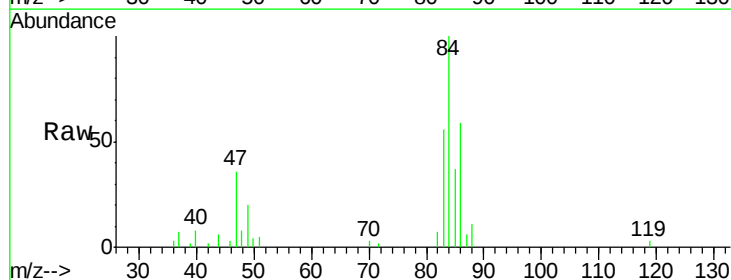
Acq: 14 May 2020 16:11

Tgt Ion: 83 Resp: 8694

Ion Ratio Lower Upper

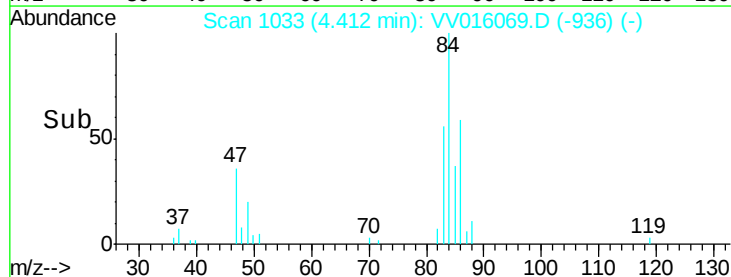
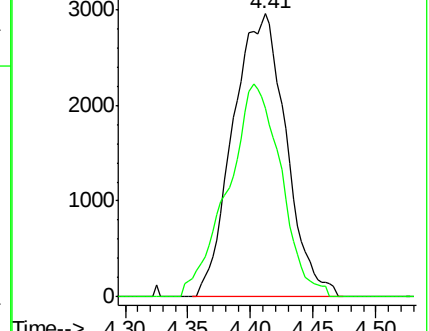
83 100

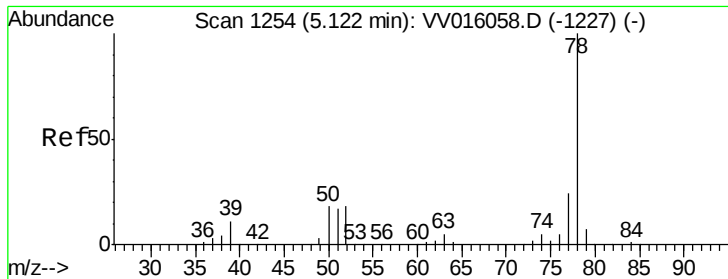
85 66.5 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016058.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV016058.D (-1011) (-)





#33

Benzene

Concen: 5.300 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

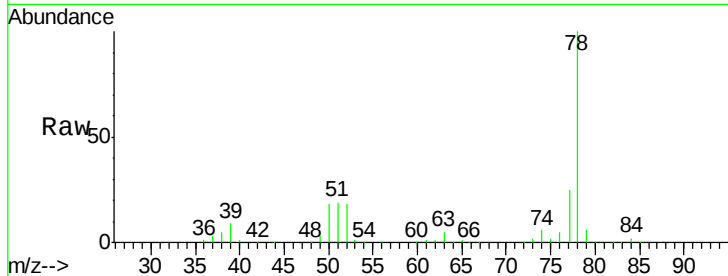
Instrument :

MSVOA_V

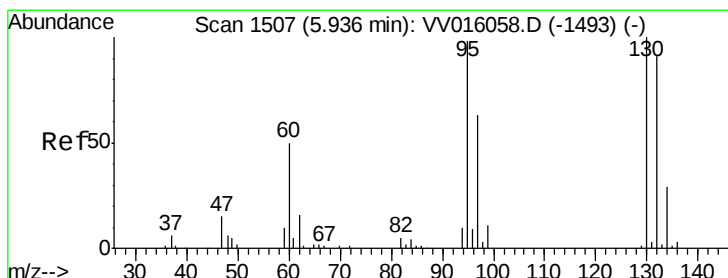
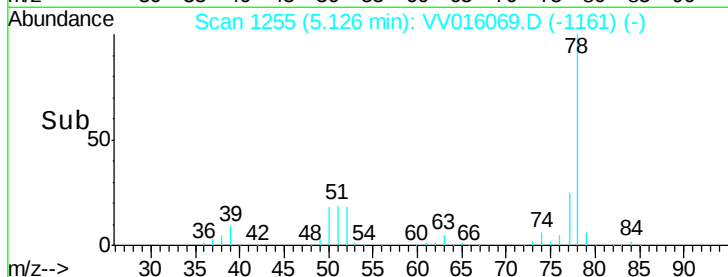
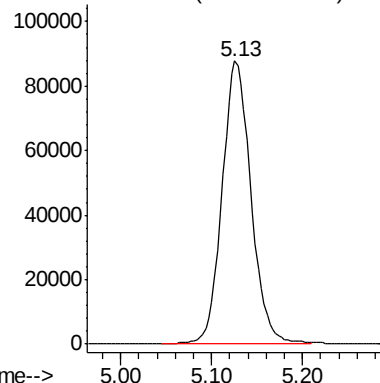
ClientSampleId :

H4241MSD

Tgt Ion: 78 Resp: 194231



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.080 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

Tgt Ion: 95 Resp: 53143

Ion	Ratio	Lower	Upper
95	100		
97	64.5	43.3	80.5
132	91.8	60.3	112.1
130	96.2	66.0	122.6

95 100

97 64.5 43.3 80.5

132 91.8 60.3 112.1

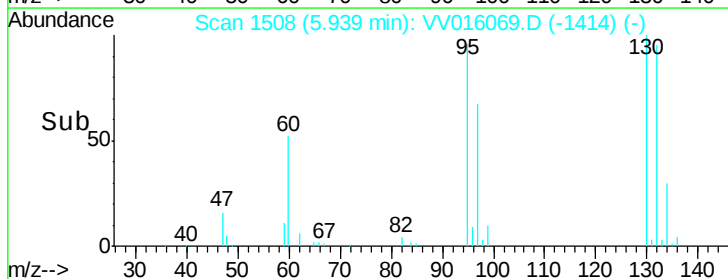
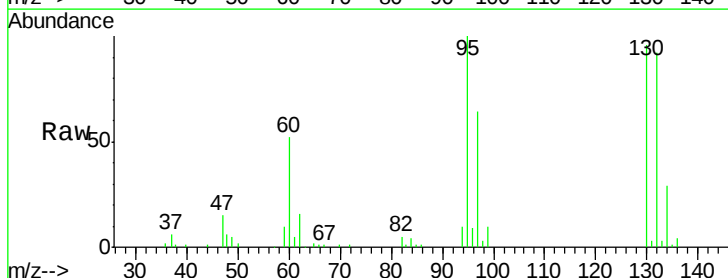
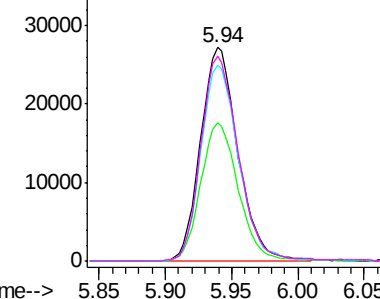
130 96.2 66.0 122.6

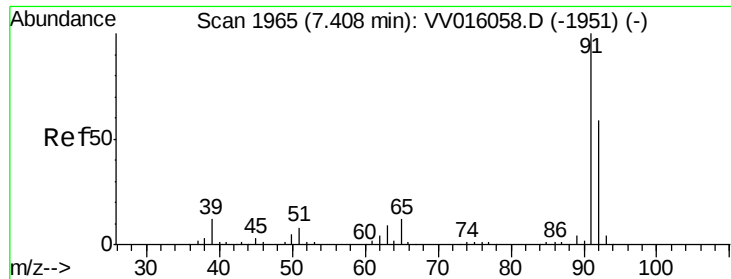
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





#42

Toluene

Concen: 5.407 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

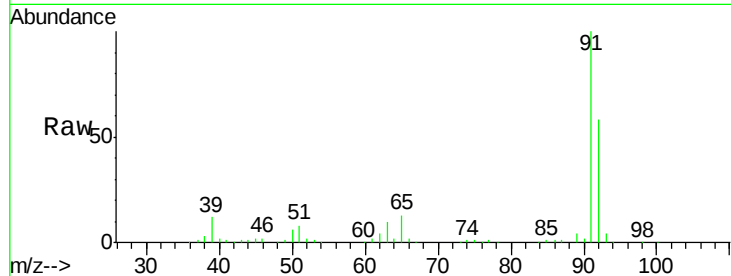
H4241MSD

Tot Ion: 91 Resp: 210037

Ion Ratio Lower Upper

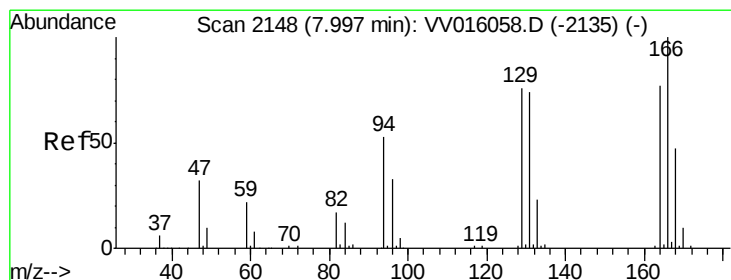
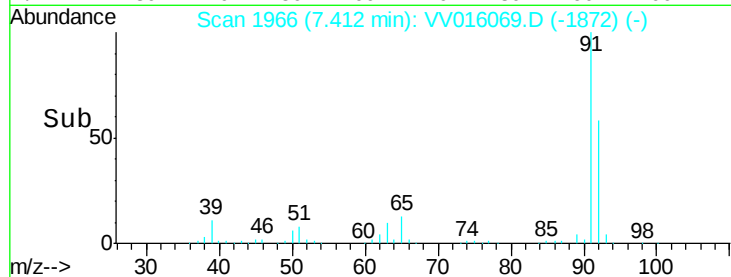
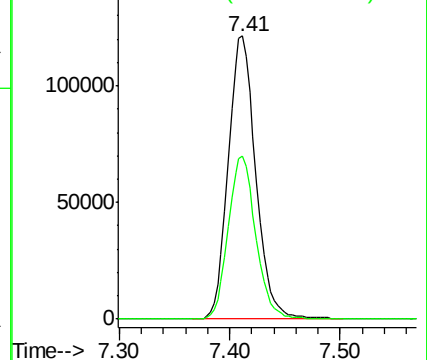
91 100

92 57.6 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#49

Tetrachloroethene

Concen: 7.156 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

Tgt Ion: 164 Resp: 52230

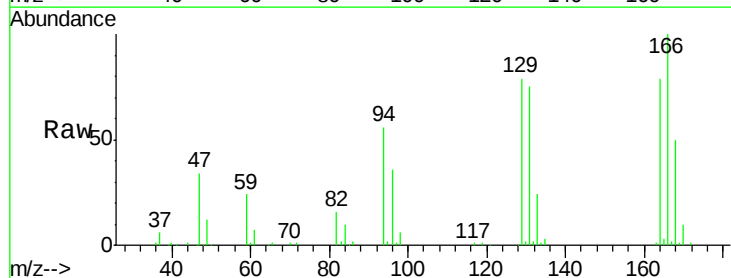
Ion Ratio Lower Upper

164 100

129 99.6 69.7 129.4

131 94.9 66.8 124.2

166 126.3 89.1 165.5

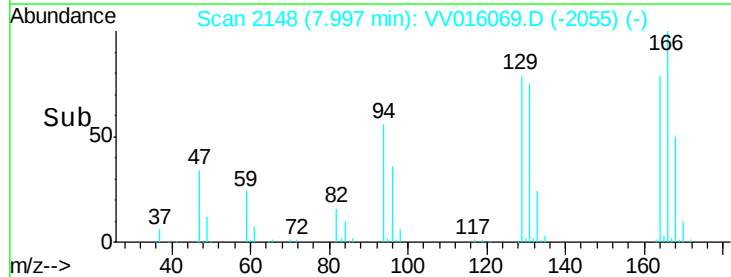
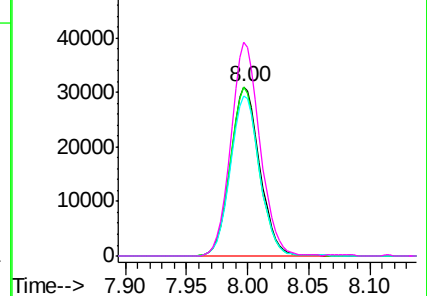


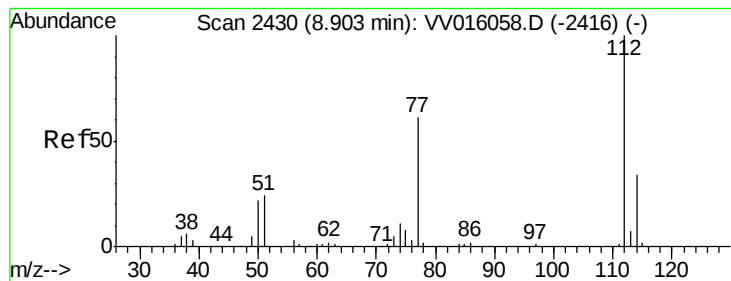
Abundance Ion 163.90 (163.60 to 164.60): V

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: 5.493 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. 0.00 min

Lab File: VV016069.D

Acq: 14 May 2020 16:11

Instrument :

MSVOA_V

ClientSampleId :

H4241MSD

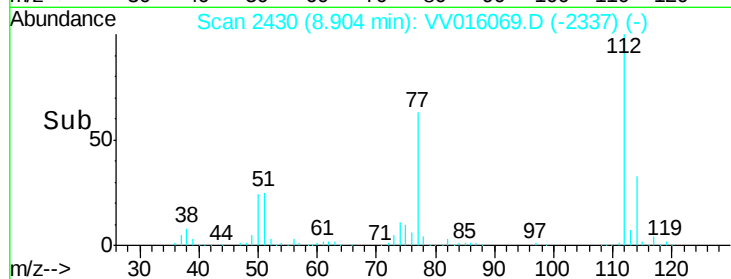
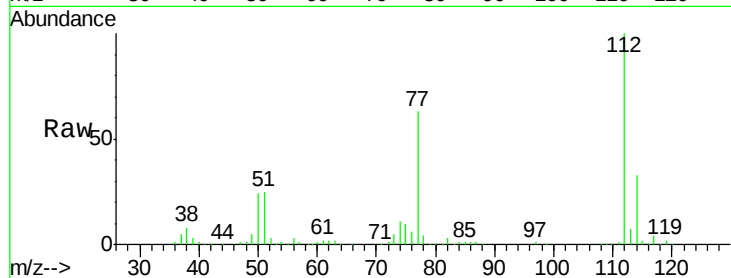
Tot Ion:112 Resp: 137229

Ion Ratio Lower Upper

112 100

114 32.7 21.6 40.0

77 62.8 48.6 73.0



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

