

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016070.D
 Acq On : 14 May 2020 16:35
 Operator : SY/MD
 Sample : L2598-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4242

Quant Time: May 15 08:07:16 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	144713	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142469	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	65402	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41329	5.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.20%
7) Chloroethane-d5	1.58	69	41266	5.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.00%
11) 1,1-Dichloroethene-d2	2.13	63	62796	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	3.93	46	123492	55.14	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.28%
24) Chloroform-d	4.38	84	86312	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.06	65	50310	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.08	84	176134	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.10	67	55723	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.34	98	150318	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
45) trans-1,3-Dichloropropene-	7.65	79	18536	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
48) 2-Hexanone-d5	8.12	63	95884	53.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39825	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	60214	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

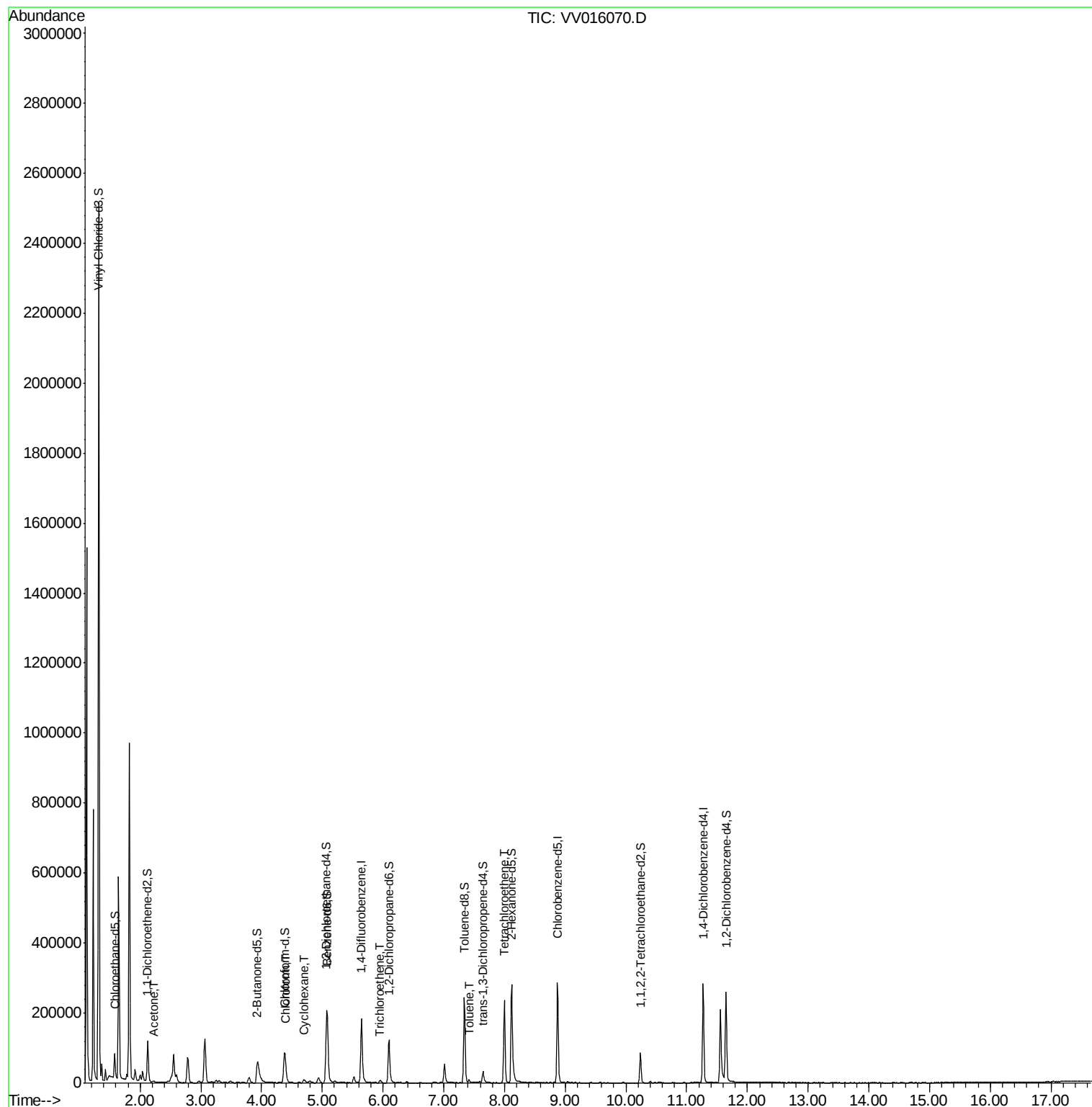
					Ovalue
13) Acetone	2.21	43	4192	2.838 ug/L #	60
25) Chloroform	4.41	83	6957	0.373 ug/L	98
30) Cyclohexane	4.70	56	2151	0.137 ug/L #	61
34) Trichloroethene	5.94	95	2099	0.205 ug/L	90
42) Toluene	7.42	91	5299	0.139 ug/L	91
49) Tetrachloroethene	8.00	164	48032	6.728 ug/L	99

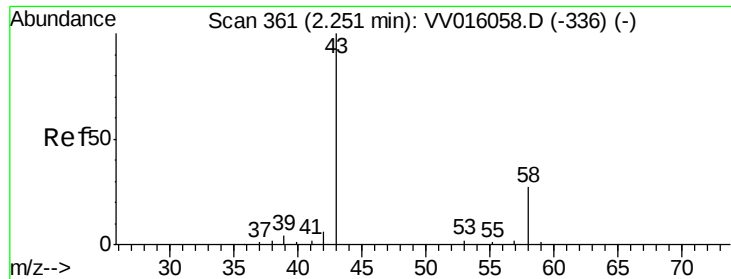
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 15 06:27:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.838 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.04 min

Lab File: VV016070.D

Acq: 14 May 2020 16:35

Instrument :

MSVOA_V

ClientSampleId :

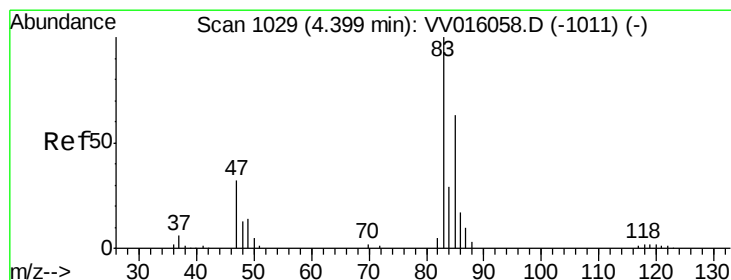
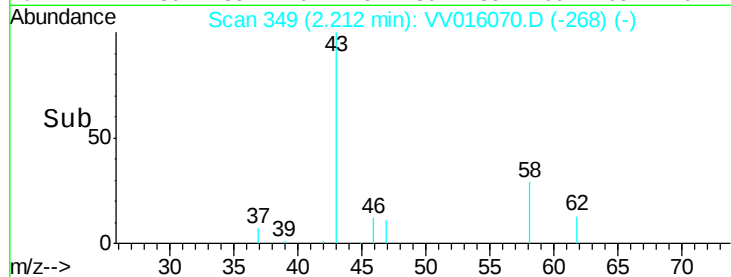
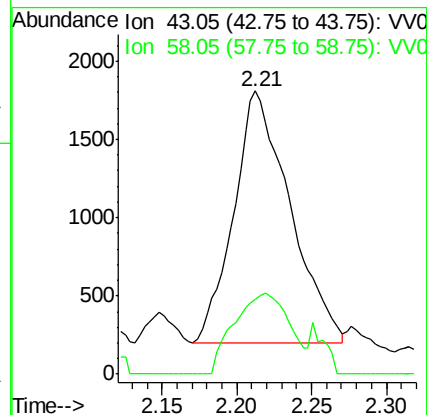
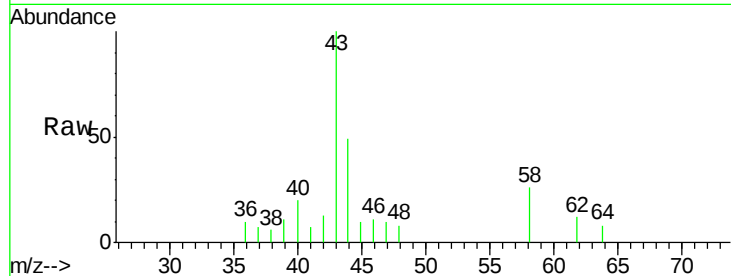
H4242

Tot Ion: 43 Resp: 4192

Ion Ratio Lower Upper

43 100

58 32.3 0.0 30.8#



#25

Chloroform

Concen: 0.373 ug/L

RT: 4.41 min Scan# 1033

Delta R.T. 0.01 min

Lab File: VV016070.D

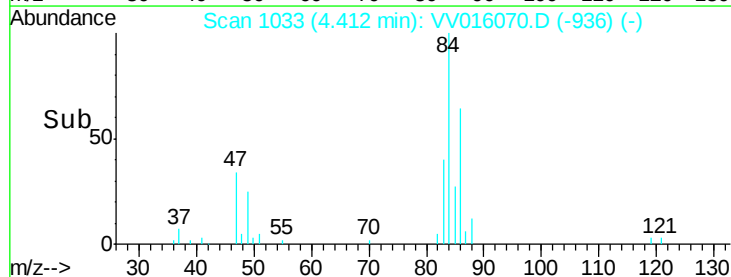
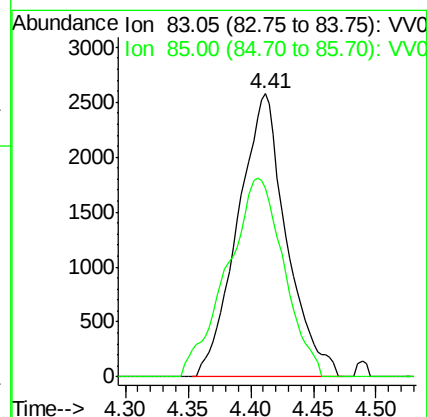
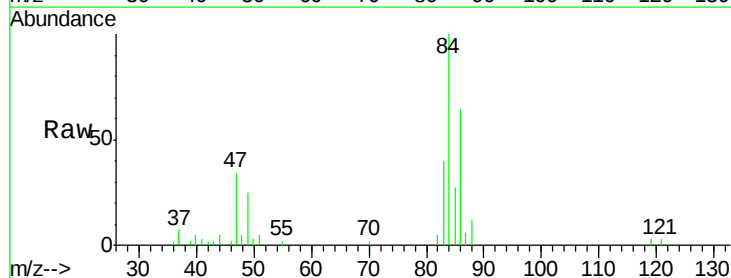
Acq: 14 May 2020 16:35

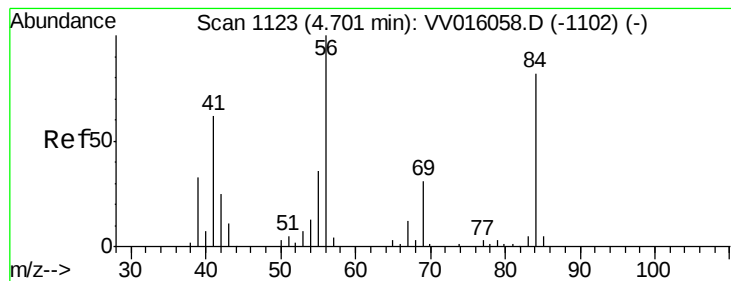
Tgt Ion: 83 Resp: 6957

Ion Ratio Lower Upper

83 100

85 66.6 45.7 84.9





#30

Cvclohexane

Concen: 0.137 ug/L

RT: 4.70 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VV016070.D

Acq: 14 May 2020 16:35

Instrument :

MSVOA_V

ClientSampleId :

H4242

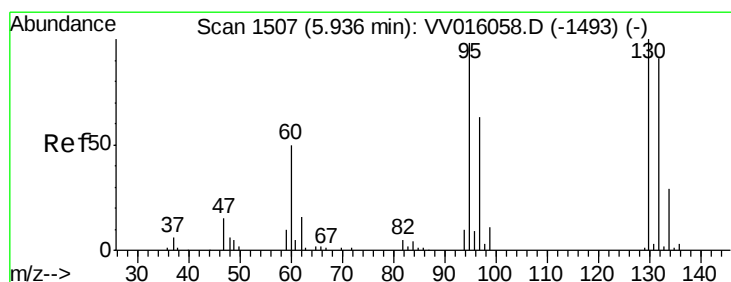
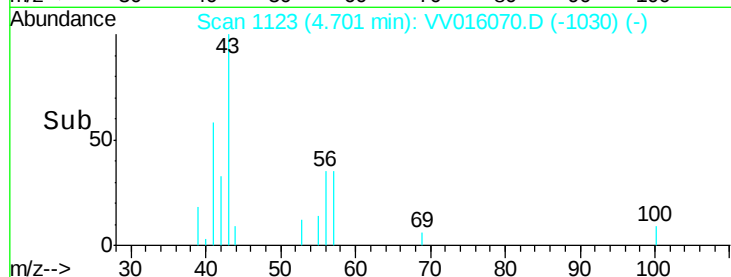
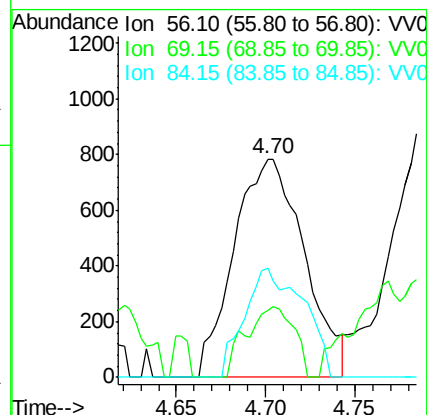
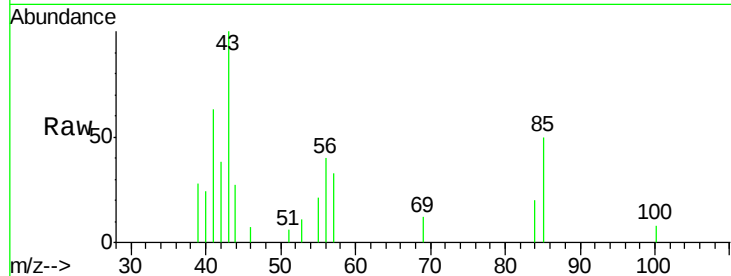
Tot Ion: 56 Resp: 2151

Ion Ratio Lower Upper

56 100

69 21.9 24.2 36.2#

84 41.8 68.3 102.5#



#34

Trichloroethene

Concen: 0.205 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016070.D

Acq: 14 May 2020 16:35

Tgt Ion: 95 Resp: 2099

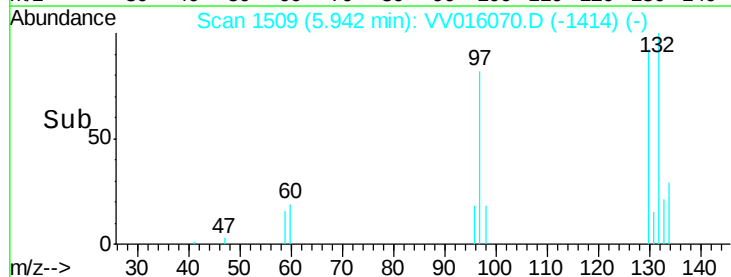
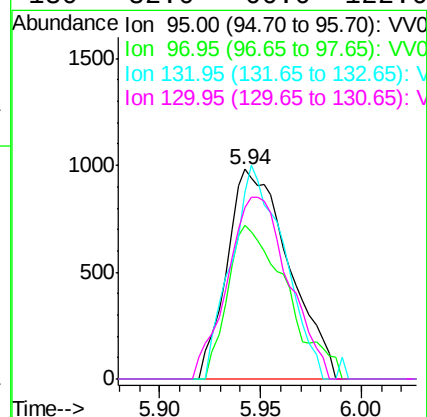
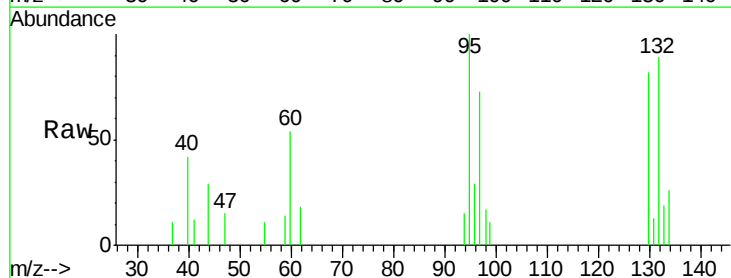
Ion Ratio Lower Upper

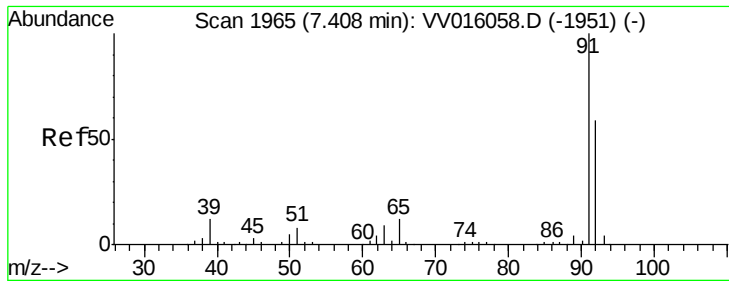
95 100

97 73.2 43.3 80.5

132 89.4 60.3 112.1

130 82.0 66.0 122.6





#42

Toluene

Concen: 0.139 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV016070.D

Acq: 14 May 2020 16:35

Instrument :

MSVOA_V

ClientSampleId :

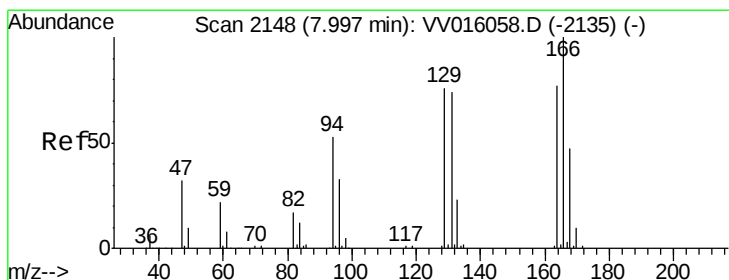
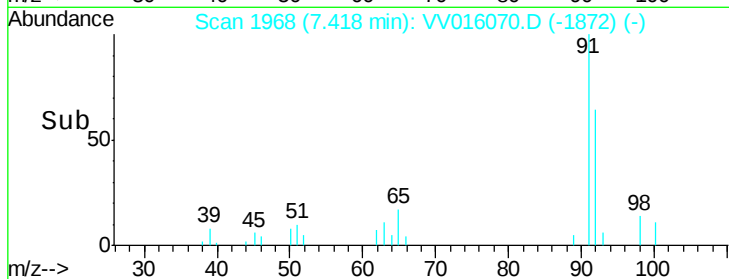
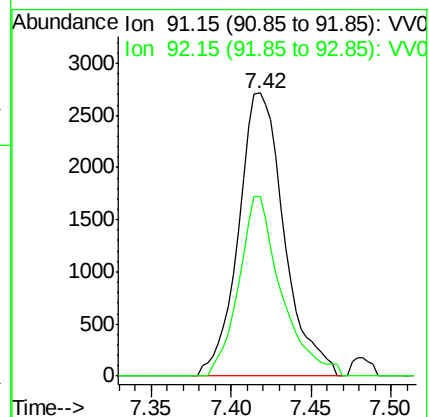
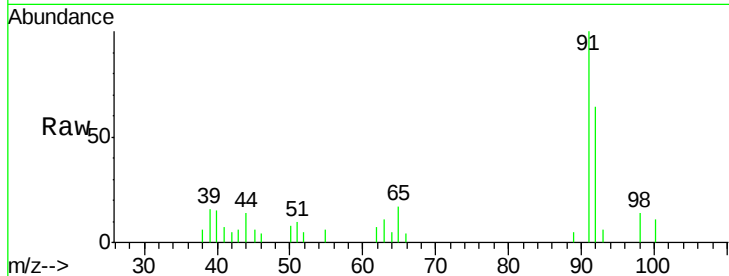
H4242

Tot Ion: 91 Resp: 5299

Ion Ratio Lower Upper

91 100

92 63.7 40.1 74.5



#49

Tetrachloroethene

Concen: 6.728 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016070.D

Acq: 14 May 2020 16:35

Tgt Ion: 164 Resp: 48032

Ion Ratio Lower Upper

164 100

129 99.2 69.7 129.4

131 96.3 66.8 124.2

166 124.8 89.1 165.5

