

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015968.D
 Acq On : 08 May 2020 16:20
 Operator : SY/MD
 Sample : L2520-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H41Y2

Quant Time: May 09 03:00:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	140204	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	135733	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32932	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	33143	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	54550	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	3.92	46	109894	50.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.30%
24) Chloroform-d	4.38	84	74478	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	46806	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	156710	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	50379	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	141110	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
45) trans-1,3-Dichloropropene-	7.65	79	17254	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
48) 2-Hexanone-d5	8.11	63	80861	47.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34668	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	52489	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

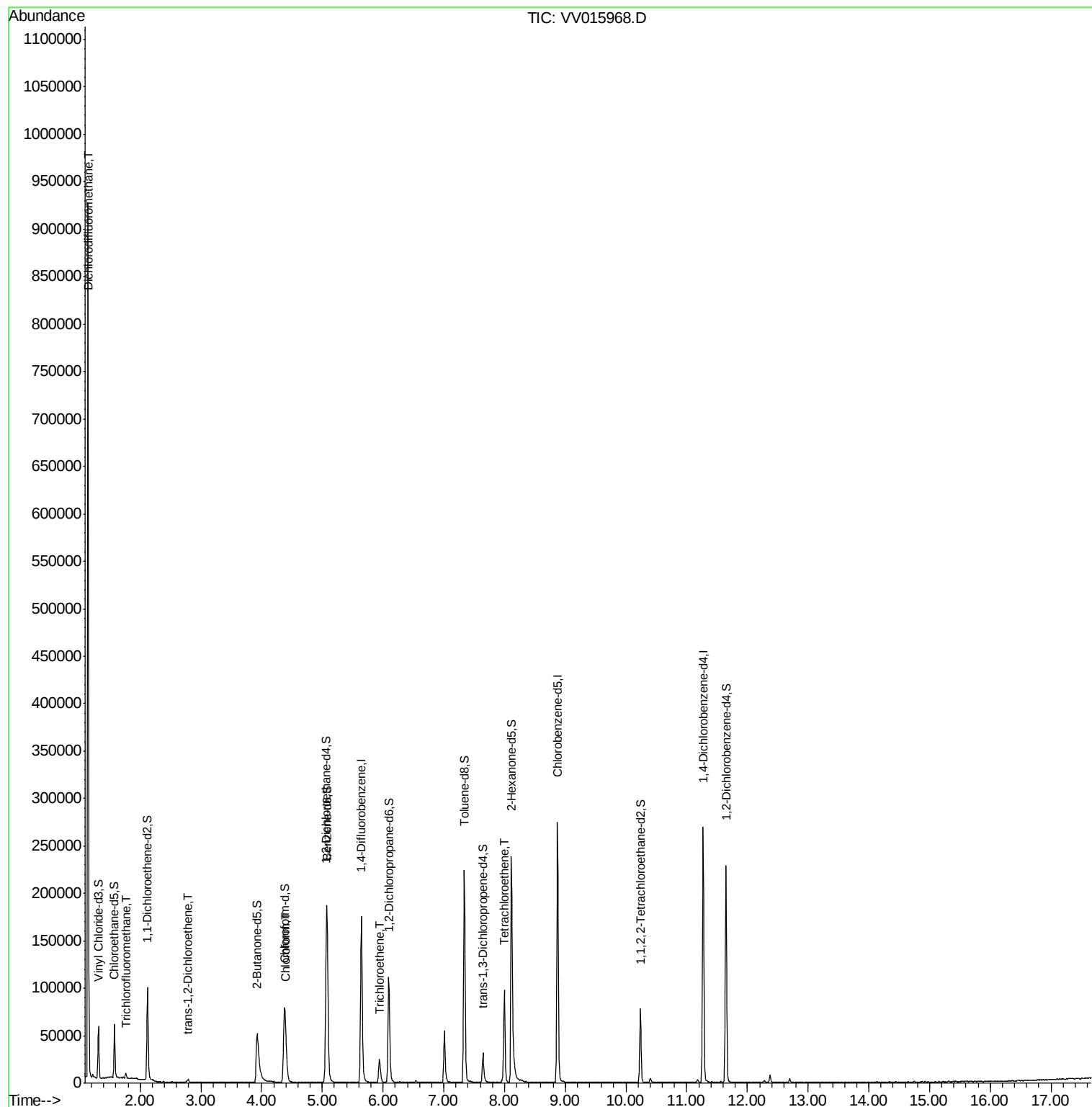
					Ovalue
2) Dichlorodifluoromethane	1.14	85	10297	0.958 ug/L	99
9) Trichlorofluoromethane	1.76	101	2685	0.188 ug/L	96
18) trans-1,2-Dichloroethene	2.78	96	1039	0.122 ug/L	94
25) Chloroform	4.41	83	22608	1.250 ug/L	97
34) Trichloroethene	5.94	95	8547	0.877 ug/L	97
49) Tetrachloroethene	8.00	164	19983	2.938 ug/L	96

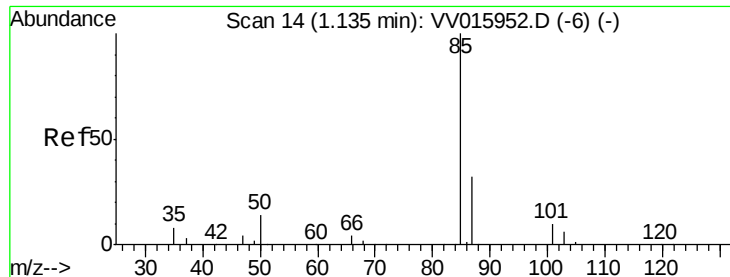
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.958 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

Lab File: VV015968.D

Acq: 08 May 2020 16:20

Instrument :

MSVOA_V

ClientSampleId :

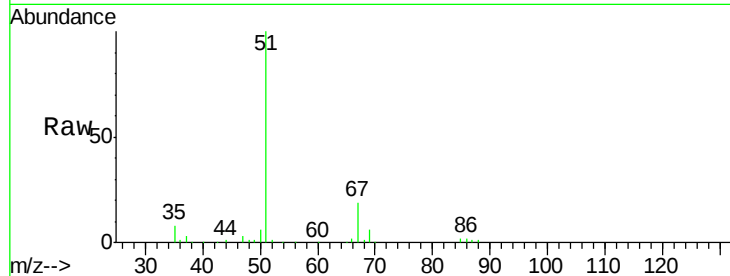
H41Y2

Tot Ion: 85 Resp: 10297

Ion Ratio Lower Upper

85 100

87 32.2 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV015952.D (-6) (-)

Ion 87.00 (86.70 to 87.70): VV015952.D (-6) (-)

1.14

12000

10000

8000

6000

4000

2000

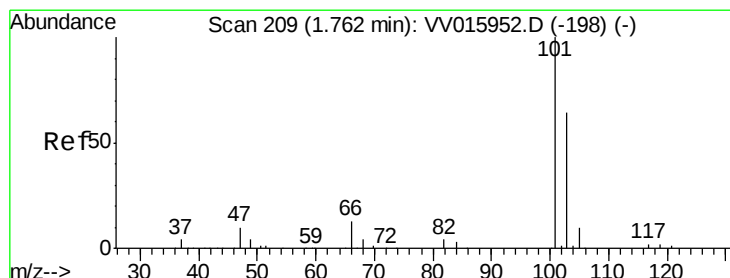
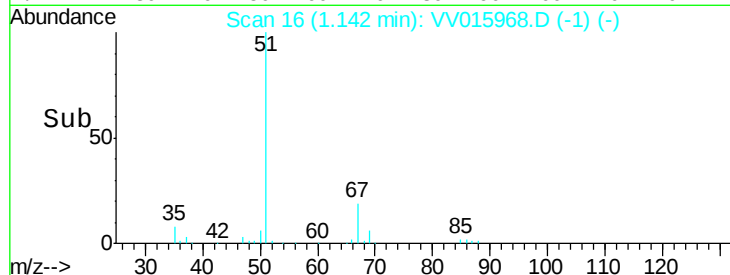
0

Time-->

1.10

1.15

1.20



#9

Trichlorofluoromethane

Concen: 0.188 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015968.D

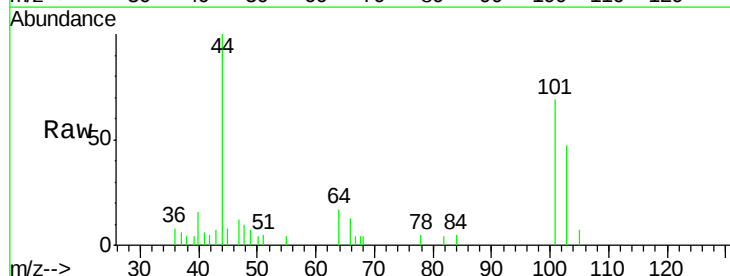
Acq: 08 May 2020 16:20

Tgt Ion: 101 Resp: 2685

Ion Ratio Lower Upper

101 100

103 67.3 51.4 77.2



Abundance Ion 101.00 (100.70 to 101.70): VV015952.D (-198) (-)

Ion 103.00 (102.70 to 103.70): VV015952.D (-198) (-)

1.76

2000

1500

1000

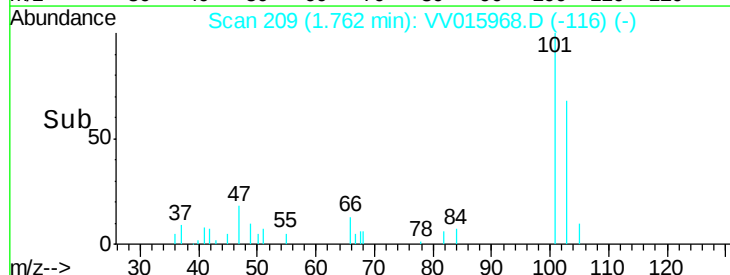
500

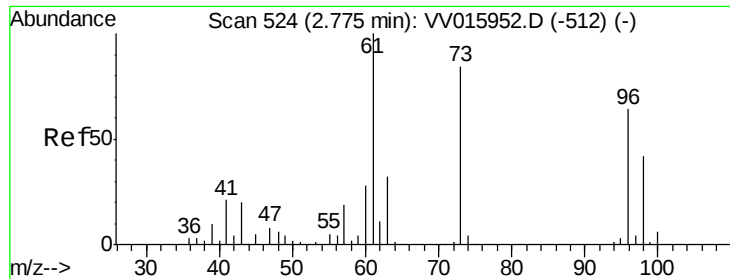
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Time-->

1.75

1.80

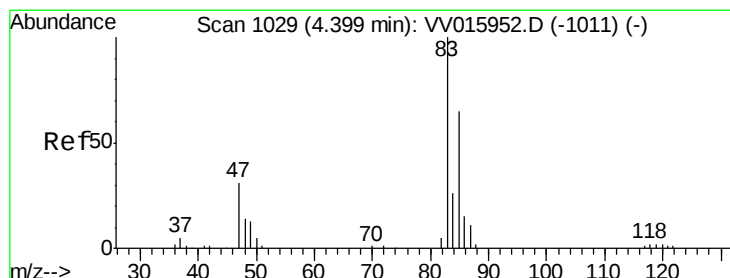
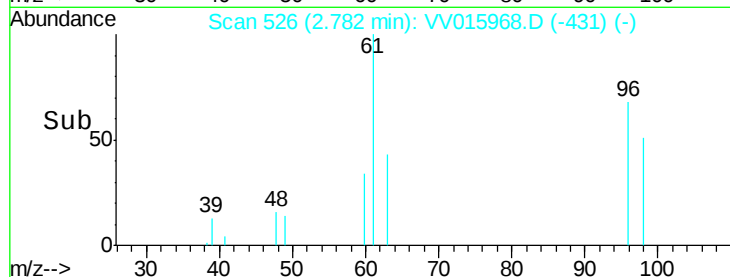
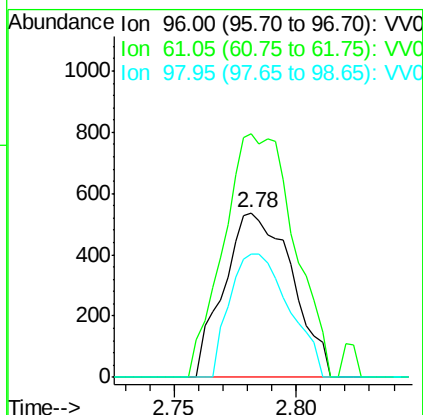
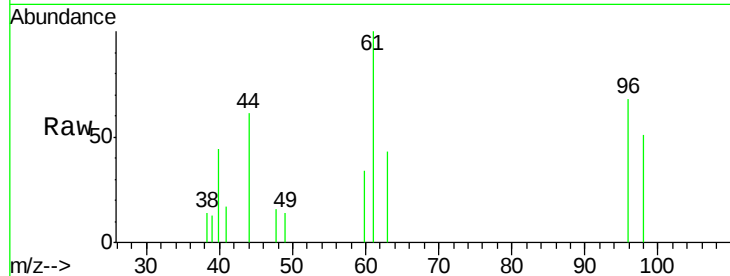




#18
trans-1,2-Dichloroethene
Concen: 0.122 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV015968.D
Acq: 08 May 2020 16:20

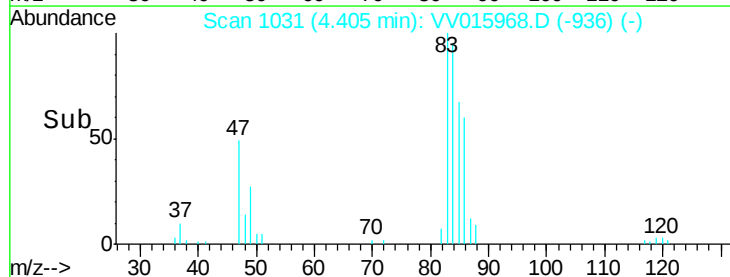
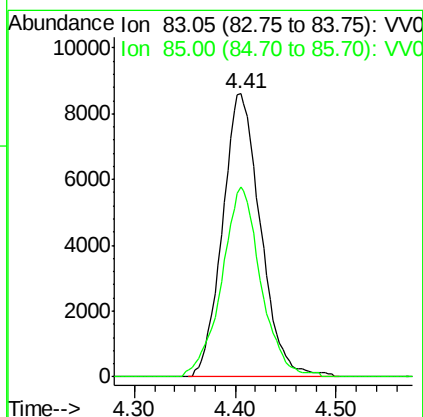
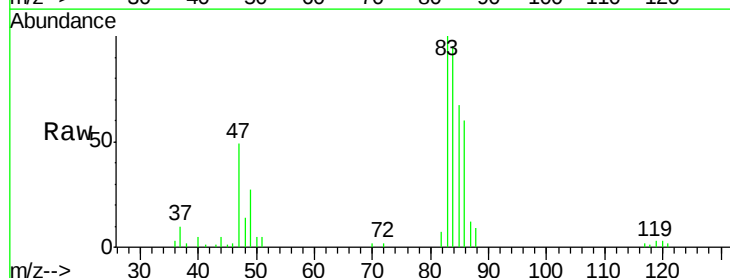
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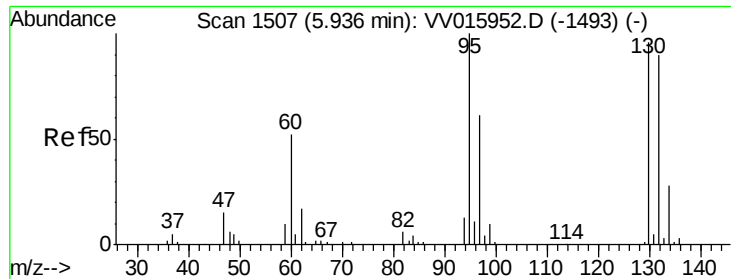
Tot Ion: 96 Resp: 1039
Ion Ratio Lower Upper
96 100
61 147.8 105.3 195.5
98 74.7 44.0 81.6



#25
Chloroform
Concen: 1.250 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015968.D
Acq: 08 May 2020 16:20

Tgt Ion: 83 Resp: 22608
Ion Ratio Lower Upper
83 100
85 67.3 45.7 84.9





#34

Trichloroethene

Concen: 0.877 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015968.D

Acq: 08 May 2020 16:20

Instrument :

MSVOA_V

ClientSampleId :

H41Y2

Tot Ion: 95 Resp: 8547

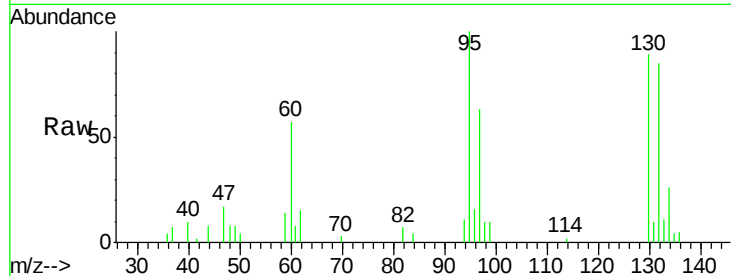
Ion Ratio Lower Upper

95 100

97 63.4 43.3 80.5

132 84.8 60.3 112.1

130 89.5 66.0 122.6

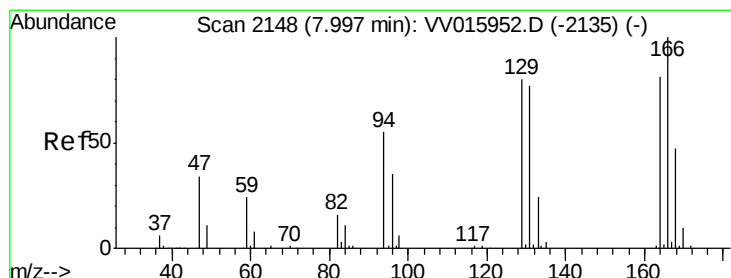
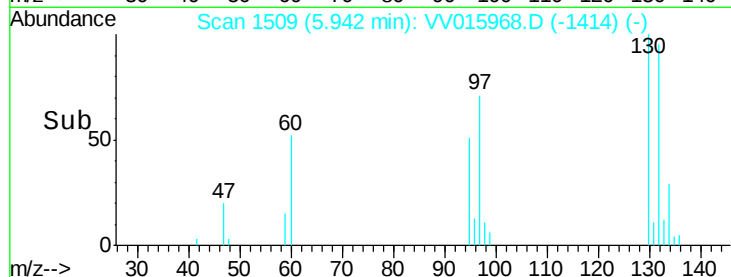
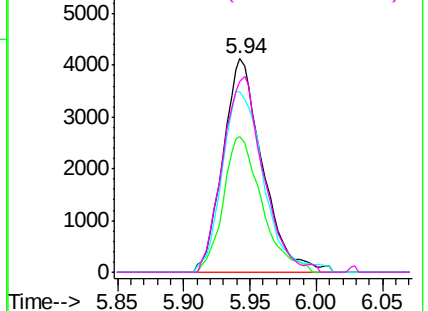


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#49

Tetrachloroethene

Concen: 2.938 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015968.D

Acq: 08 May 2020 16:20

Tgt Ion: 164 Resp: 19983

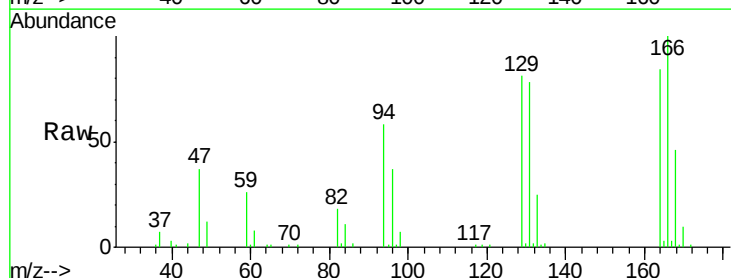
Ion Ratio Lower Upper

164 100

129 96.2 69.7 129.4

131 93.5 66.8 124.2

166 119.3 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

