

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041020\
 Data File : VV015453.D
 Acq On : 10 Apr 2020 15:28
 Operator : SY/MD
 Sample : L2216-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y10

Quant Time: Apr 11 06:52:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 11 04:49:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	113528	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	108885	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52004	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36826	6.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.00%
7) Chloroethane-d5	1.58	69	32131	5.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.40%
11) 1,1-Dichloroethene-d2	2.12	63	51969	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.93	46	83377	50.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.82%
24) Chloroform-d	4.38	84	64588	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	35541	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.08	84	131210	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.09	67	40382	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.40%
41) Toluene-d8	7.34	98	121770	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	7.64	79	16434	5.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.40%
46) 2-Hexanone-d5	8.11	63	63248	40.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.16%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	27150	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	43020	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

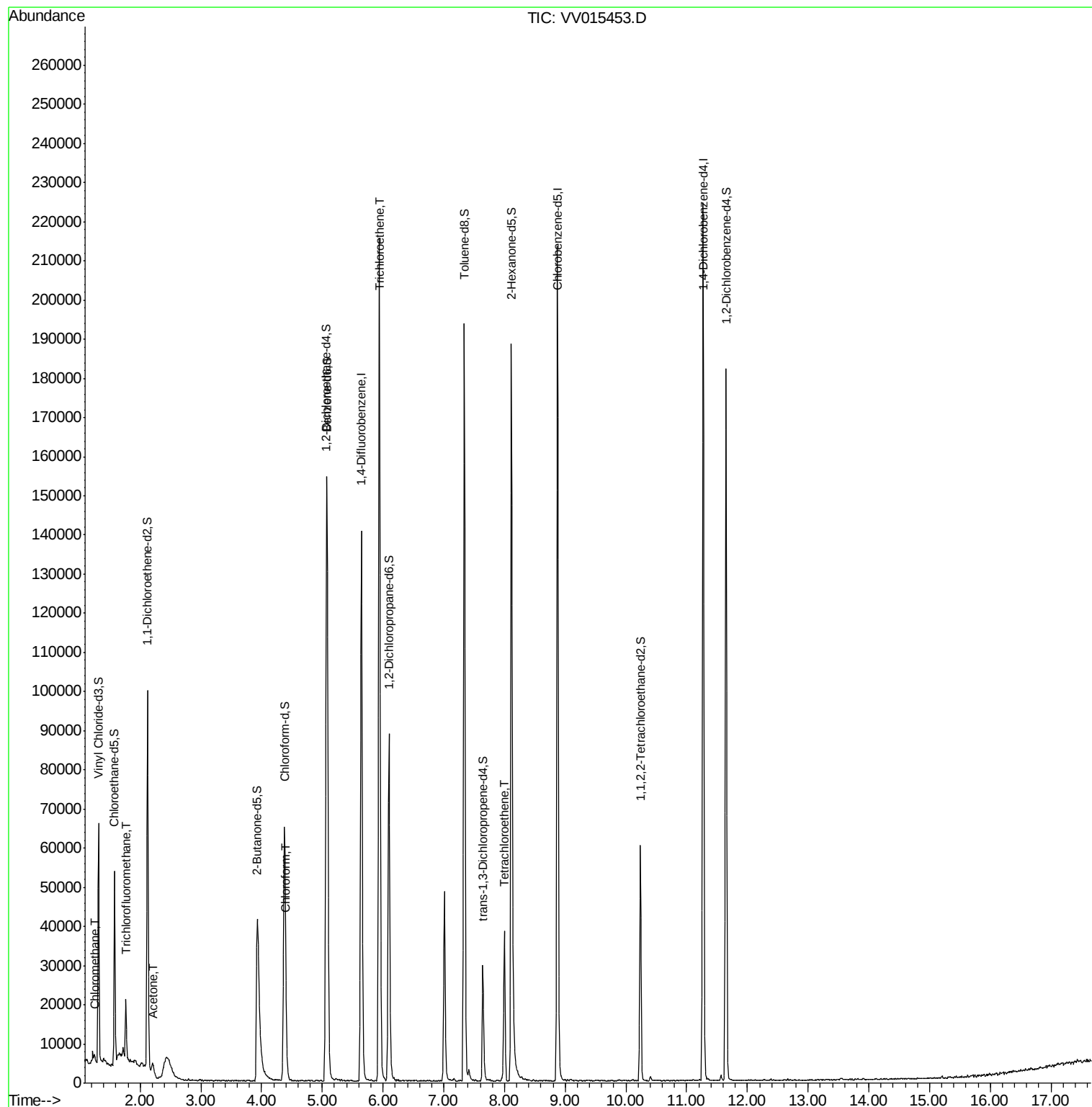
					Ovalue
3) Chloromethane	1.25	50	1173	0.110 ug/L	95
9) Trichlorofluoromethane	1.77	101	9088	0.689 ug/L	96
13) Acetone	2.21	43	5621	4.810 ug/L #	53
25) Chloroform	4.41	83	3308	0.214 ug/L	84
34) Trichloroethene	5.94	95	74599	8.505 ug/L	99
47) Tetrachloroethene	8.00	164	8039	1.237 ug/L	99

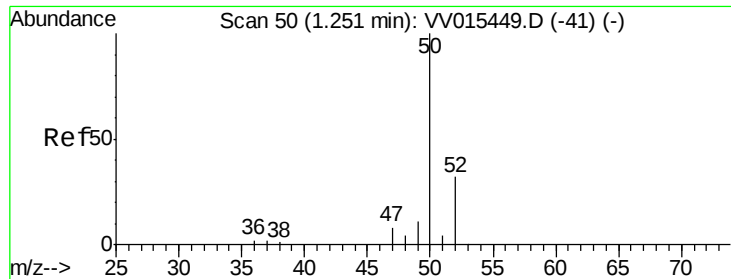
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.110 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV015453.D

Acq: 10 Apr 2020 15:28

Instrument :

MSVOA_V

ClientSampleId :

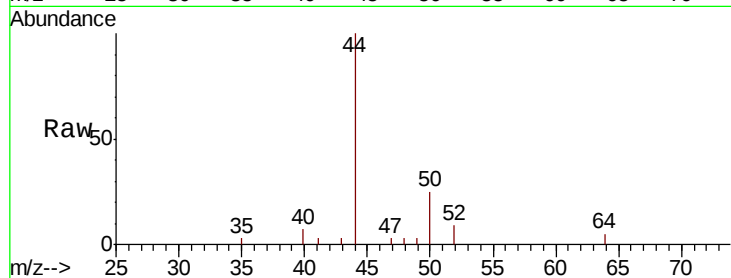
C0Y10

Tot Ion: 50 Resp: 1173

Ion Ratio Lower Upper

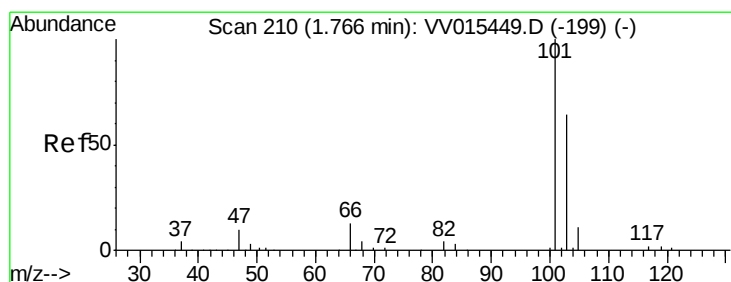
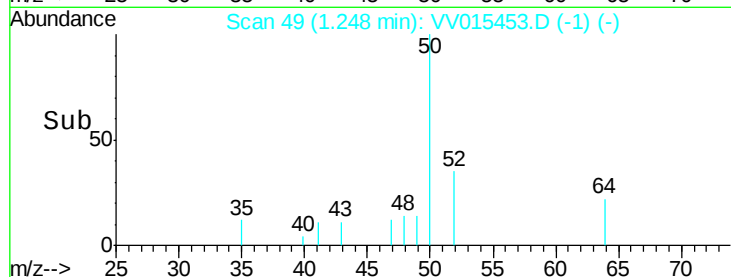
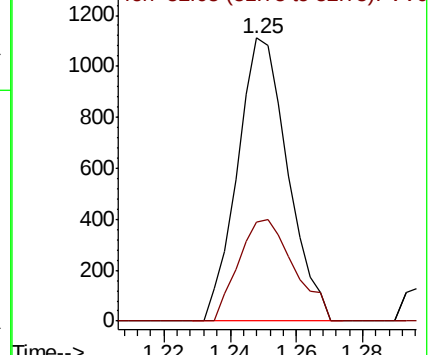
50 100

52 34.9 22.7 42.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#9

Trichlorofluoromethane

Concen: 0.689 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV015453.D

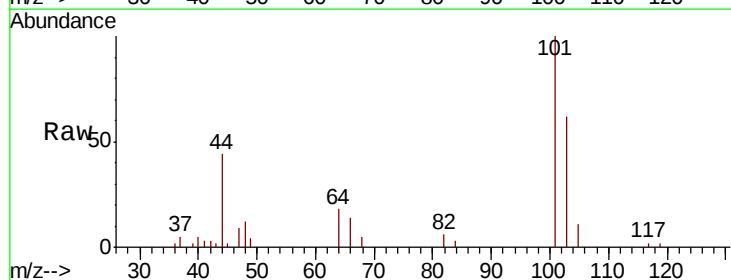
Acq: 10 Apr 2020 15:28

Tgt Ion:101 Resp: 9088

Ion Ratio Lower Upper

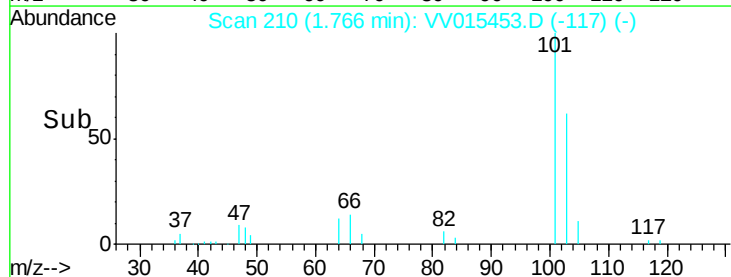
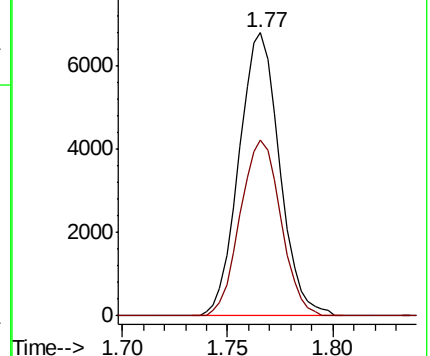
101 100

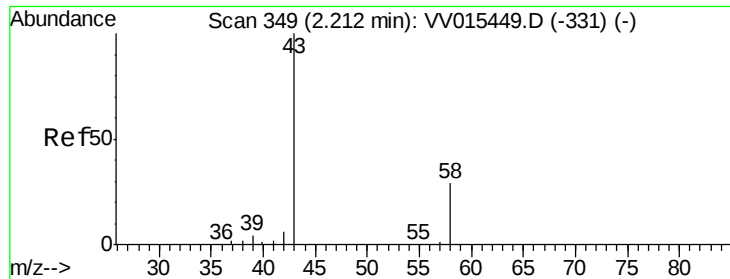
103 62.1 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#13

Acetone

Concen: 4.810 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.00 min

Lab File: VV015453.D

Acq: 10 Apr 2020 15:28

Instrument :

MSVOA_V

ClientSampleId :

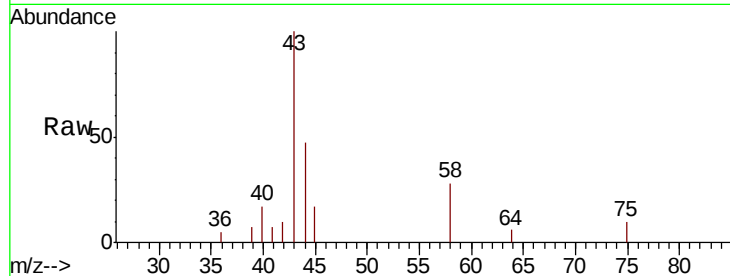
C0Y10

Tot Ion: 43 Resp: 5621

Ion Ratio Lower Upper

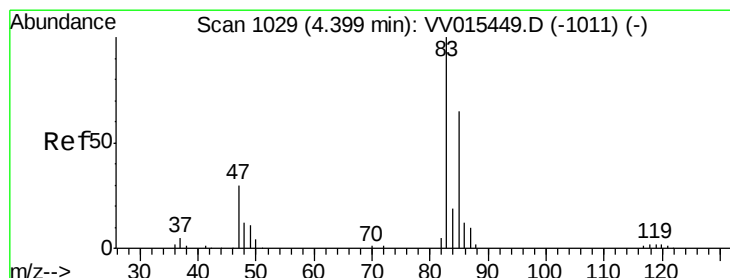
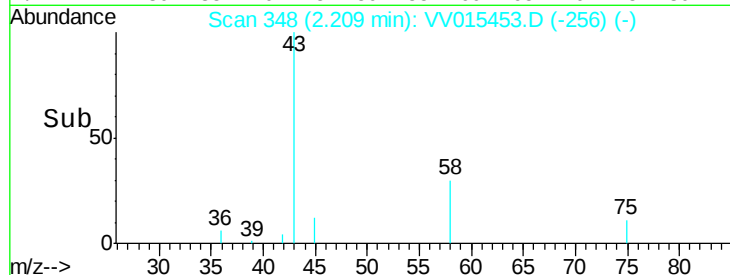
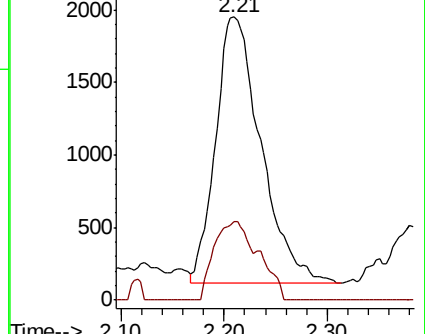
43 100

58 28.8 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#25

Chloroform

Concen: 0.214 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.01 min

Lab File: VV015453.D

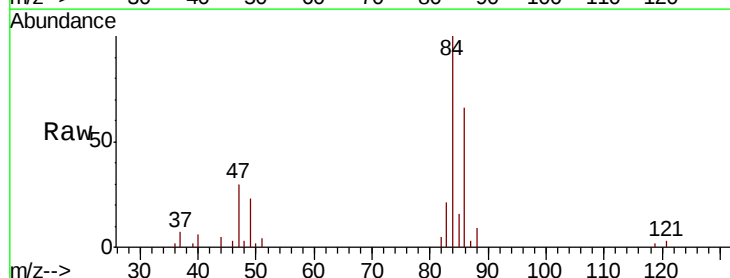
Acq: 10 Apr 2020 15:28

Tgt Ion: 83 Resp: 3308

Ion Ratio Lower Upper

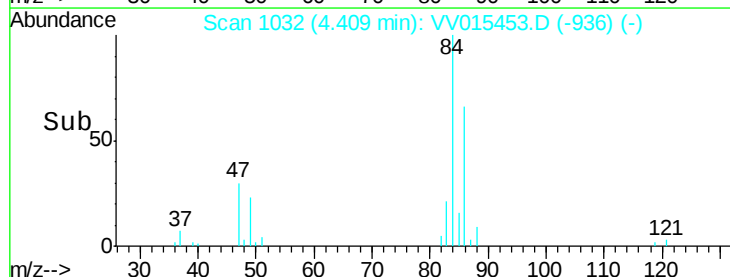
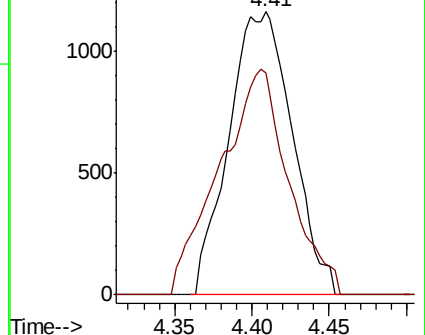
83 100

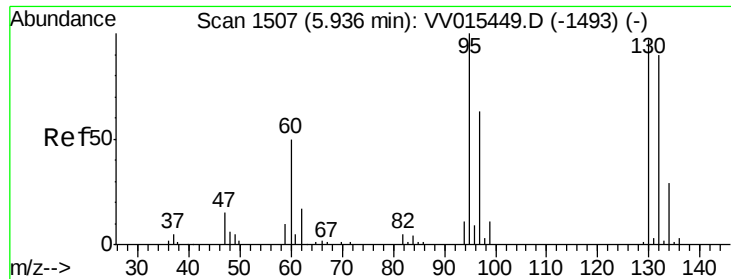
85 78.2 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

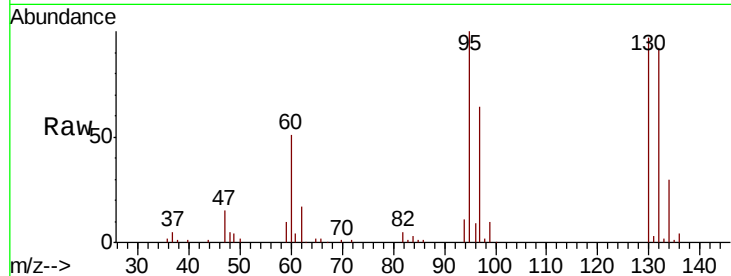




#34
 Trichloroethene
 Concen: 8.505 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015453.D
 Acq: 10 Apr 2020 15:28

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y10

Tot Ion:	95	Resp:	74599
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.4	84.4
132	92.2	64.8	120.4
130	96.6	67.4	125.2



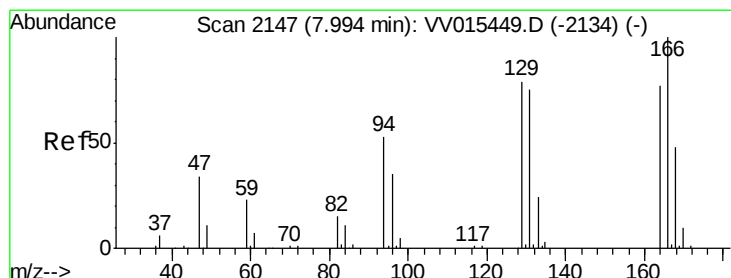
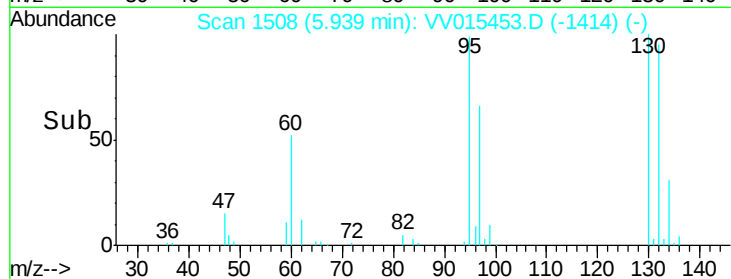
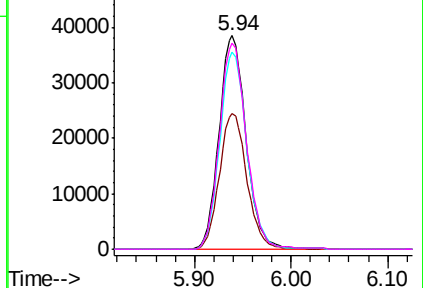
Abundance

Ion 95.00 (94.70 to 95.70): VV015453.D (-1414) (-)

Ion 96.95 (96.65 to 97.65): VV015453.D (-1414) (-)

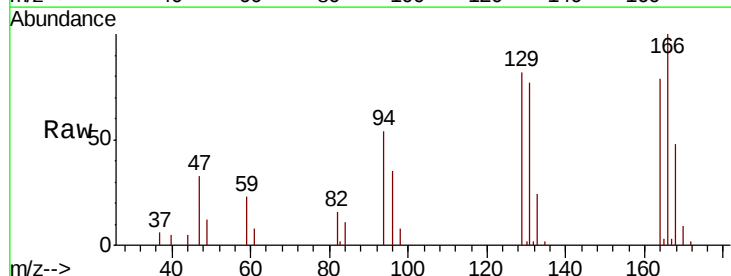
Ion 131.95 (131.65 to 132.65): VV015453.D (-1414) (-)

Ion 129.95 (129.65 to 130.65): VV015453.D (-1414) (-)



#47
 Tetrachloroethene
 Concen: 1.237 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015453.D
 Acq: 10 Apr 2020 15:28

Tgt Ion:	164	Resp:	8039
Ion	Ratio	Lower	Upper
164	100		
129	104.1	70.6	131.0
131	96.9	68.3	126.8
166	126.3	88.3	163.9



Abundance

Ion 163.90 (163.60 to 164.60): VV015453.D (-2054) (-)

Ion 128.95 (128.65 to 129.65): VV015453.D (-2054) (-)

Ion 130.95 (130.65 to 131.65): VV015453.D (-2054) (-)

Ion 165.90 (165.60 to 166.60): VV015453.D (-2054) (-)

