

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015907.D
 Acq On : 06 May 2020 14:09
 Operator : SY/MD
 Sample : L2519-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFRR9

Quant Time: May 07 02:38:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	162904	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	75135	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44173	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.58	69	41021	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.12	63	69995	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.92	46	125519	48.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.64%
24) Chloroform-d	4.38	84	94712	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.06	65	54241	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.08	84	187652	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.09	67	57662	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.34	98	168201	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.65	79	20126	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.11	63	92119	43.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.96%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	38533	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	60853	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

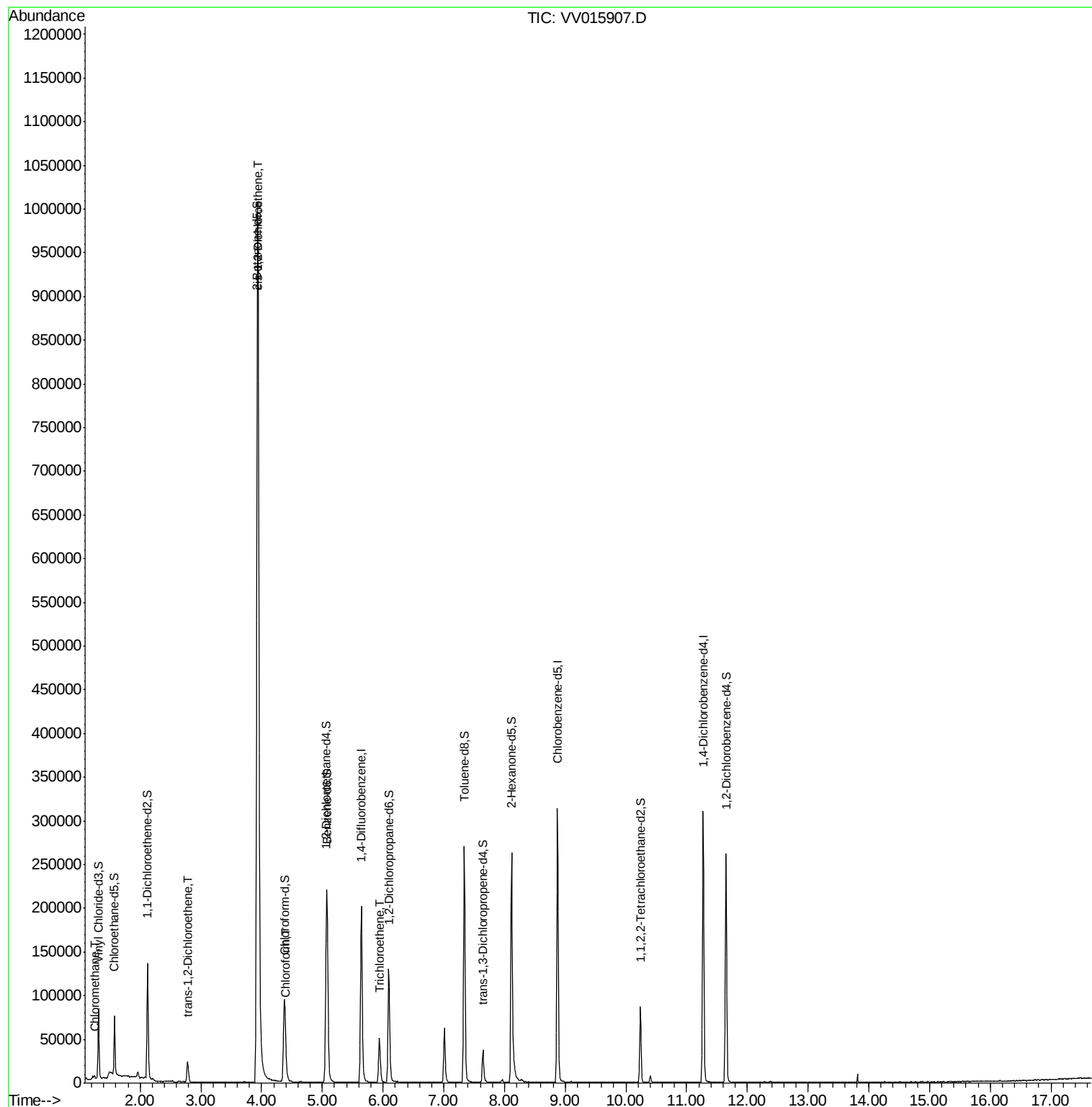
					Ovalue
3) Chloromethane	1.25	50	1542	0.119 ug/L	91
18) trans-1,2-Dichloroethene	2.78	96	8092	0.788 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	494091	46.196 ug/L	98
25) Chloroform	4.41	83	6381	0.299 ug/L	96
34) Trichloroethene	5.94	95	18033	1.605 ug/L	97

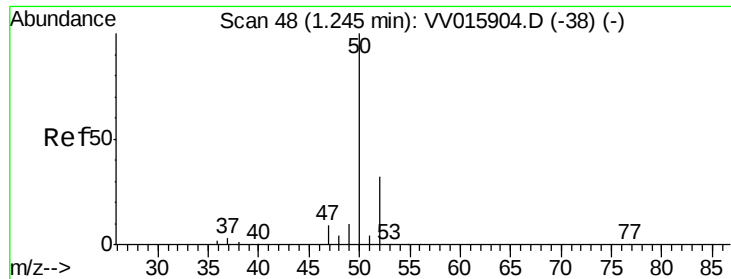
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.119 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :

MSVOA_V

ClientSampled :

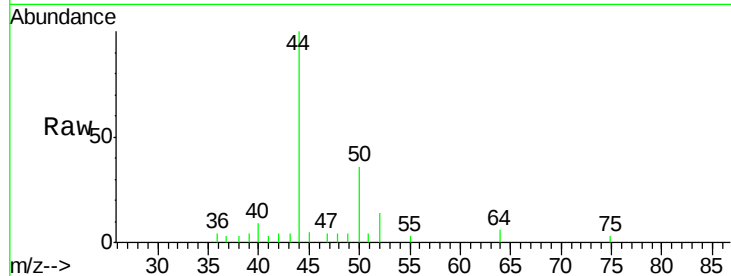
BFRR9

Tot Ion: 50 Resp: 1542

Ion Ratio Lower Upper

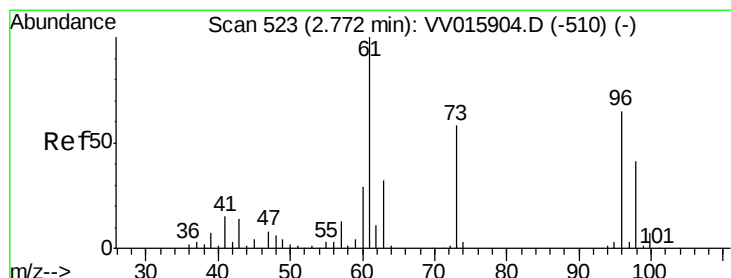
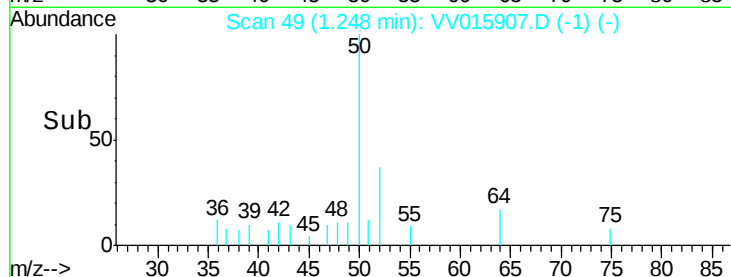
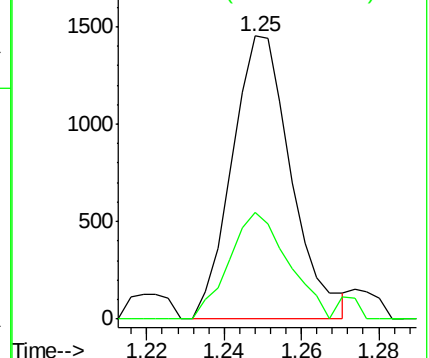
50 100

52 37.5 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.788 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

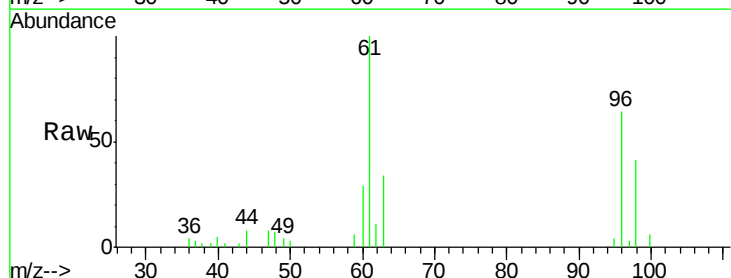
Tgt Ion: 96 Resp: 8092

Ion Ratio Lower Upper

96 100

61 155.2 105.3 195.5

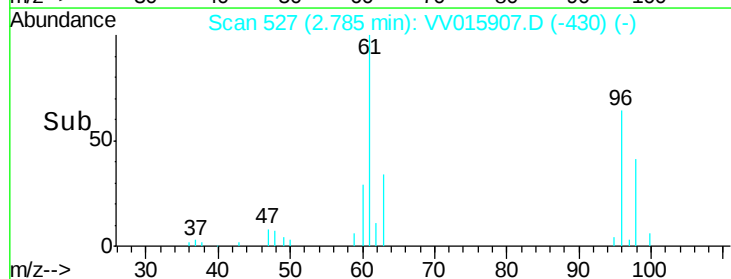
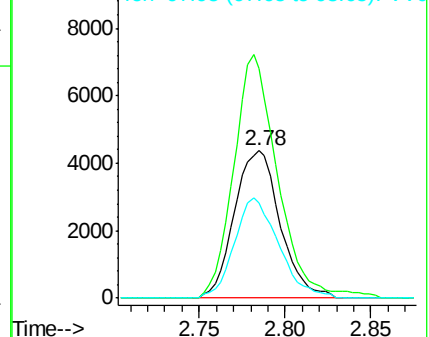
98 64.1 44.0 81.6

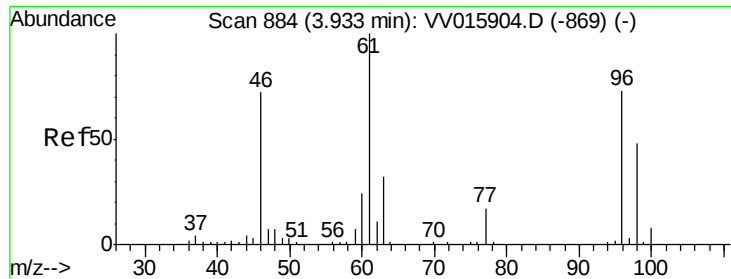


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



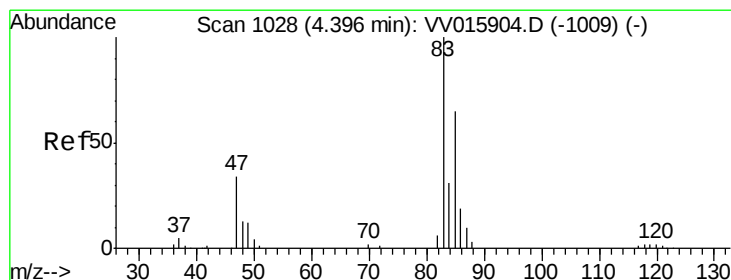
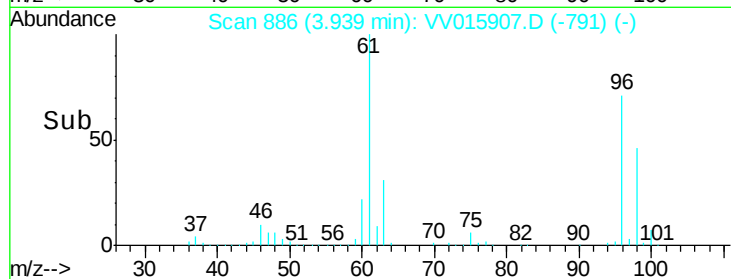
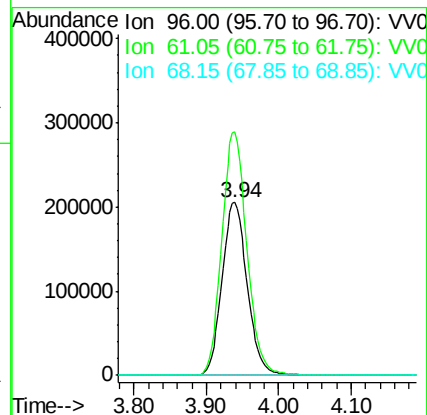
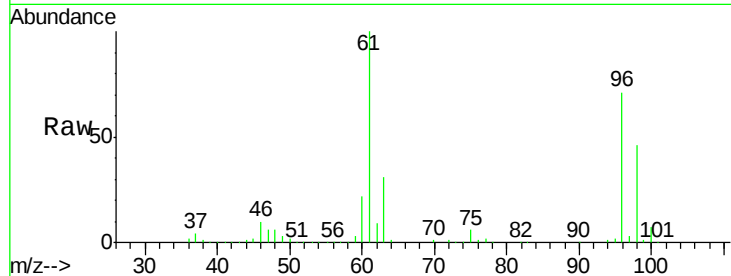


#22

cis-1,2-Dichloroethene
 Concen: 46.196 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV015907.D
 Acq: 06 May 2020 14:09

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 BFRR9

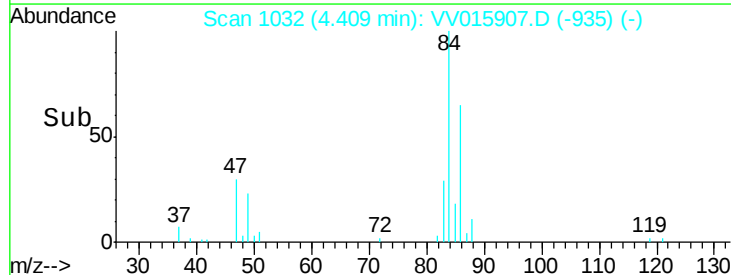
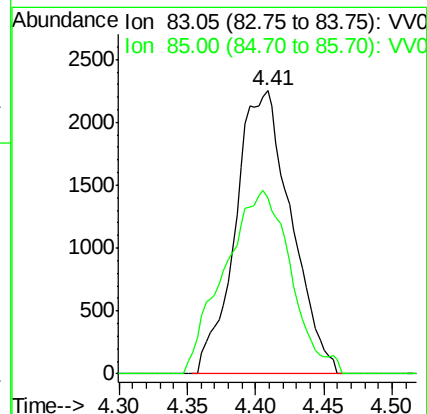
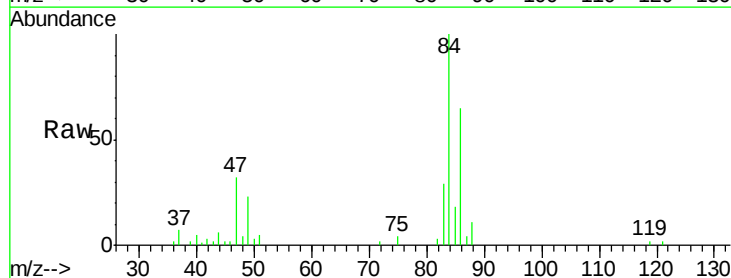
Tot Ion	96	Resp	494091
Ion	Ratio	Lower	Upper
96	100		
61	140.9	97.2	180.6
68	0.0	0.0	0.0

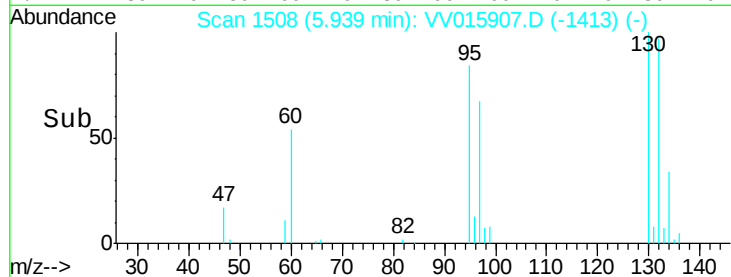
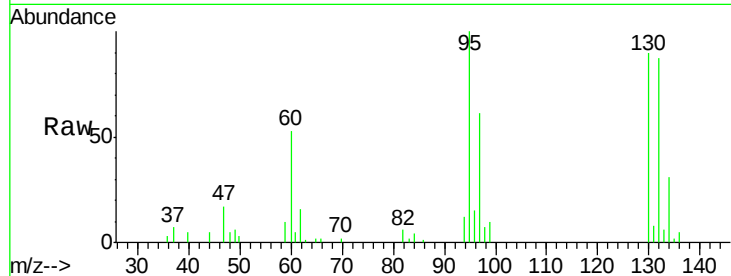
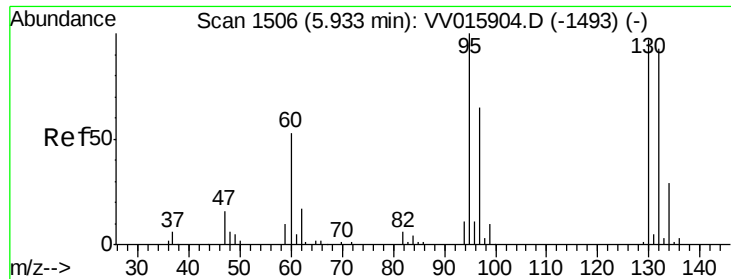


#25

Chloroform
 Concen: 0.299 ug/L
 RT: 4.41 min Scan# 1032
 Delta R.T. 0.01 min
 Lab File: VV015907.D
 Acq: 06 May 2020 14:09

Tgt Ion	83	Resp	6381
Ion	Ratio	Lower	Upper
83	100		
85	62.0	45.7	84.9





#34

Trichloroethene

Concen: 1.605 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV015907.D

Acq: 06 May 2020 14:09

Instrument :

MSVOA_V

ClientSampleId :

BFR9

Tot Ion: 95 Resp: 18033

Ion Ratio Lower Upper

95 100

97 60.7 43.3 80.5

132 87.5 60.3 112.1

130 90.0 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

