

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015422.D
 Acq On : 09 Apr 2020 16:18
 Operator : SY/MD
 Sample : L2216-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y07

Quant Time: Apr 10 05:14:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 04:24:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122137	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115188	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	54700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29779	4.70	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.00%
7) Chloroethane-d5	1.58	69	27628	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	43376	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.94	46	95498	53.67	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	4.38	84	65198	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.06	65	37441	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.08	84	126276	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	40642	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	117203	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.64	79	16545	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.11	63	81304	48.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.40%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30473	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	44538	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

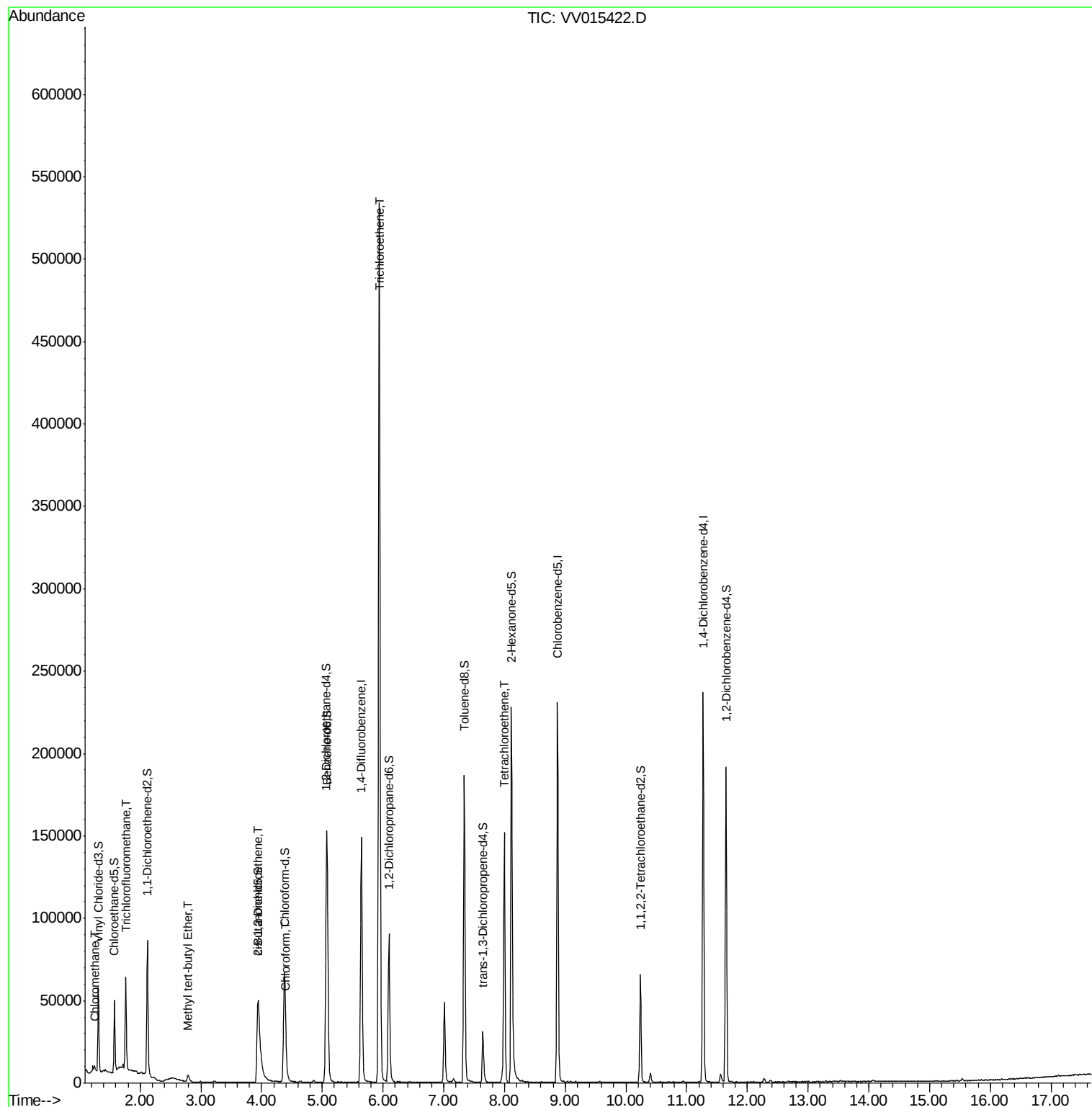
					Ovalue
3) Chloromethane	1.25	50	1665	0.145 ug/L	97
9) Trichlorofluoromethane	1.76	101	31479	2.219 ug/L	100
17) Methyl tert-butyl Ether	2.79	73	4098	0.200 ug/L	95
22) cis-1,2-Dichloroethene	3.94	96	7469	0.833 ug/L	89
25) Chloroform	4.41	83	4551	0.273 ug/L	85
34) Trichloroethene	5.94	95	185011	19.938 ug/L	99
47) Tetrachloroethene	8.00	164	30829	4.484 ug/L	98

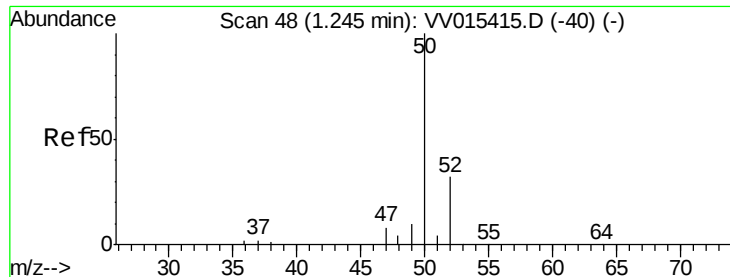
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
Data File : VV015422.D
Acq On : 09 Apr 2020 16:18
Operator : SY/MD
Sample : L2216-01
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0Y07

Quant Time: Apr 10 05:14:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 04:24:06 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015422.D

Acq: 09 Apr 2020 16:18

Instrument :

MSVOA_V

ClientSampleId :

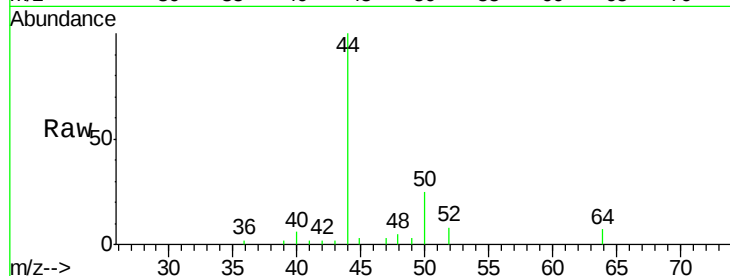
C0Y07

Tot Ion: 50 Resp: 1665

Ion Ratio Lower Upper

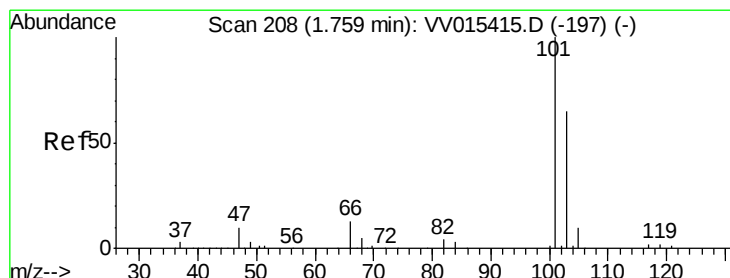
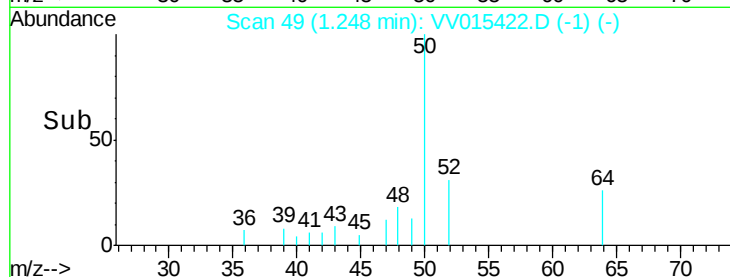
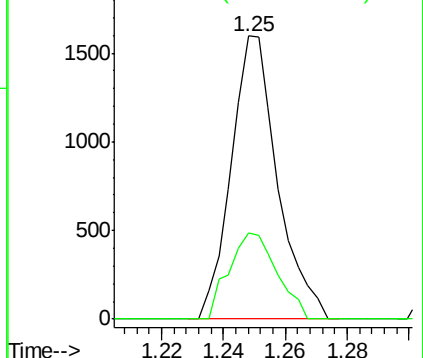
50 100

52 30.6 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: 2.219 ug/L

RT: 1.76 min Scan# 209

Delta R.T. 0.00 min

Lab File: VV015422.D

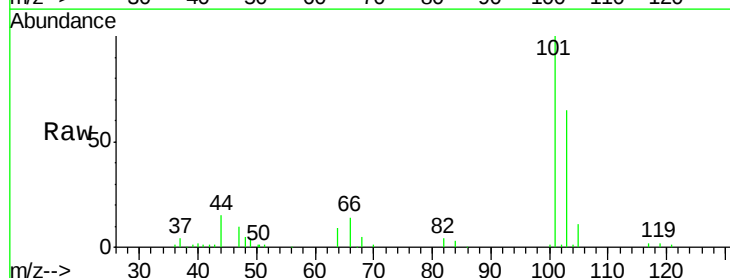
Acq: 09 Apr 2020 16:18

Tgt Ion:101 Resp: 31479

Ion Ratio Lower Upper

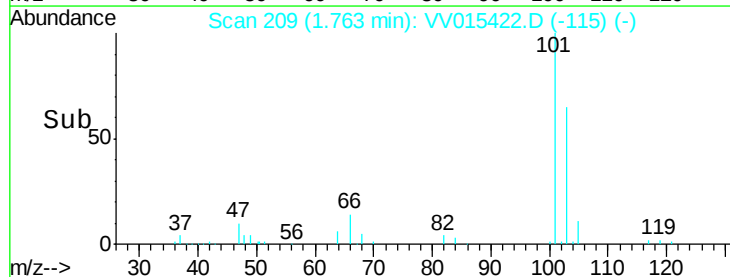
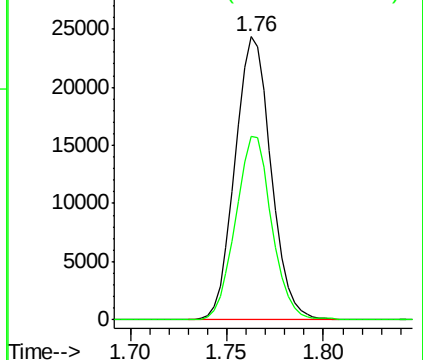
101 100

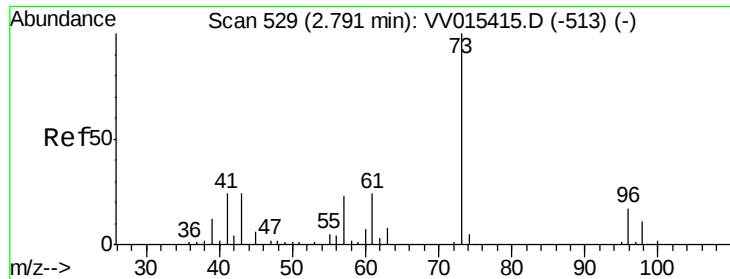
103 64.9 51.9 77.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

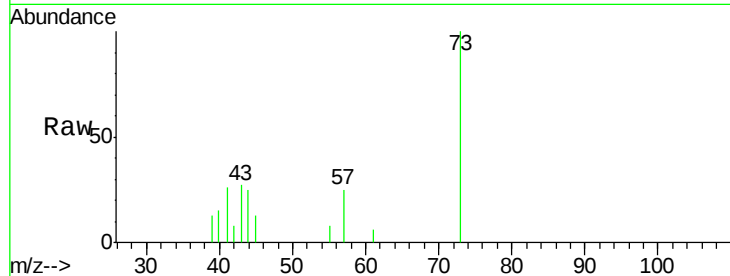




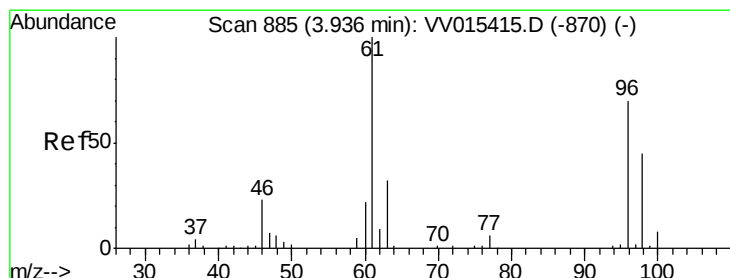
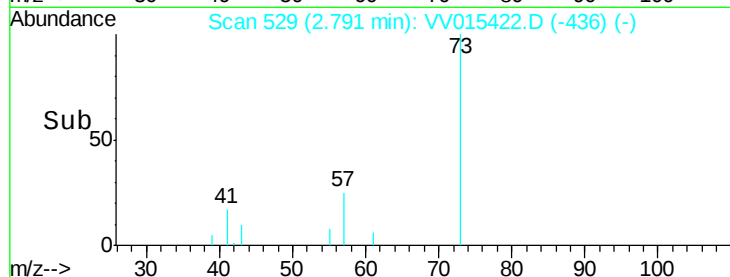
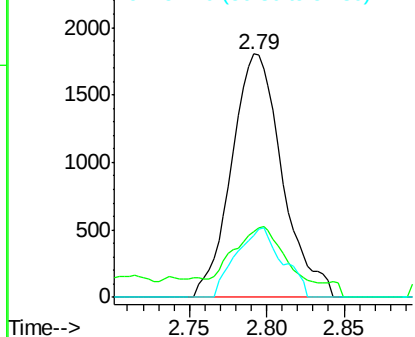
#17
Methvl tert-butvl Ether
Concen: 0.200 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV015422.D
Acq: 09 Apr 2020 16:18

Instrument :
MSVOA_V
ClientSampleId :
C0Y07

Tot Ion: 73 Resp: 4098
Ion Ratio Lower Upper
73 100
43 21.5 18.3 27.5
57 26.2 18.4 27.6

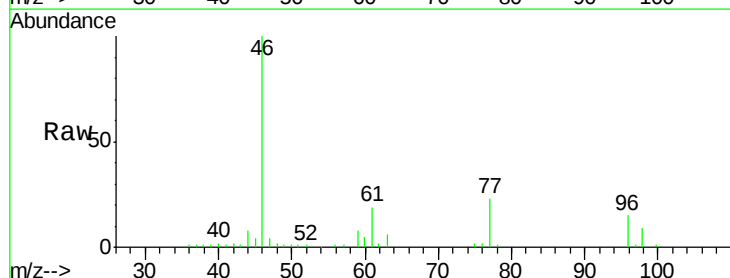


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

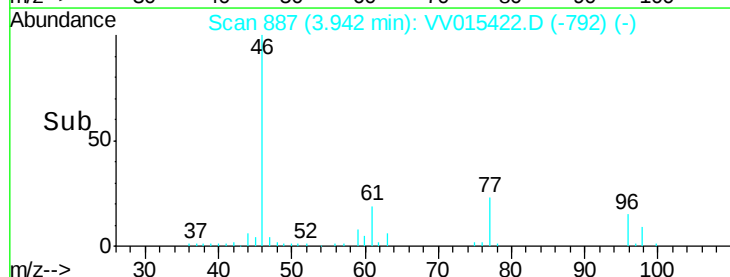
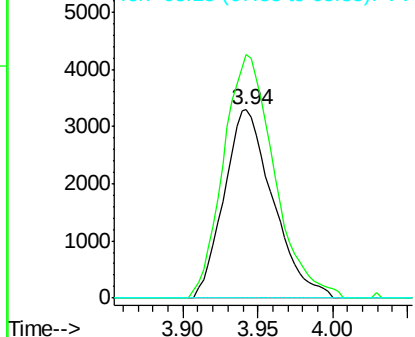


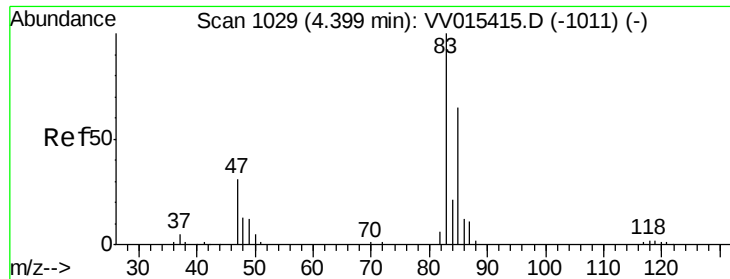
#22
cis-1,2-Dichloroethene
Concen: 0.833 ug/L
RT: 3.94 min Scan# 887
Delta R.T. 0.01 min
Lab File: VV015422.D
Acq: 09 Apr 2020 16:18

Tgt Ion: 96 Resp: 7469
Ion Ratio Lower Upper
96 100
61 129.2 100.0 185.8
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0

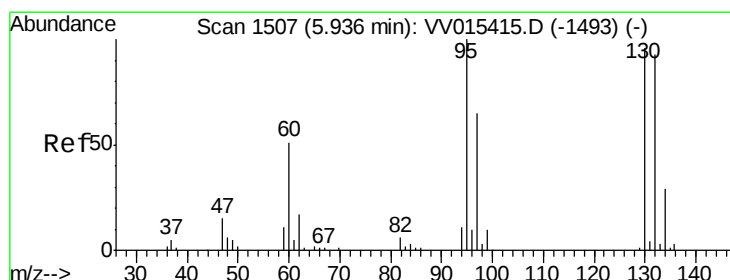
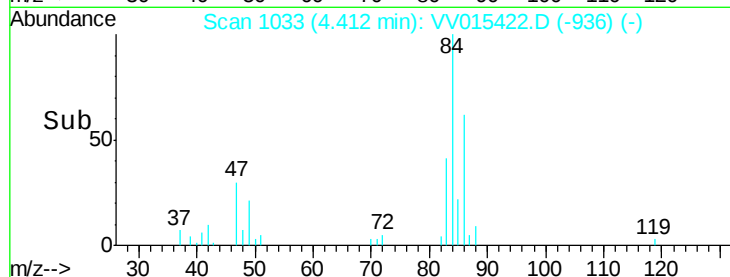
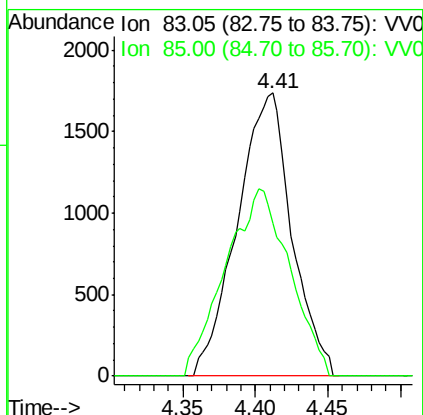
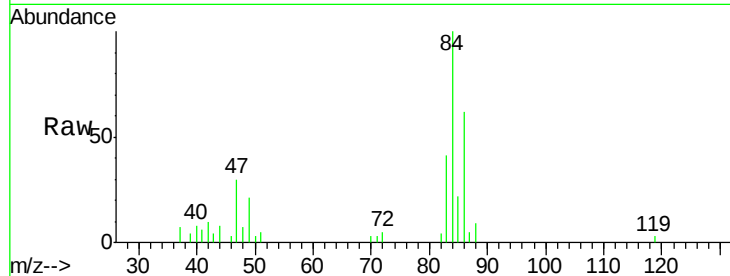




#25
Chloroform
Concen: 0.273 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV015422.D
Acq: 09 Apr 2020 16:18

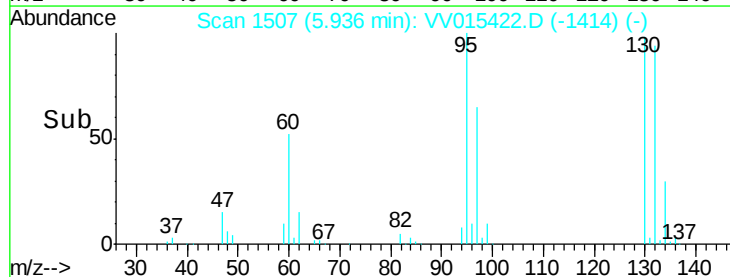
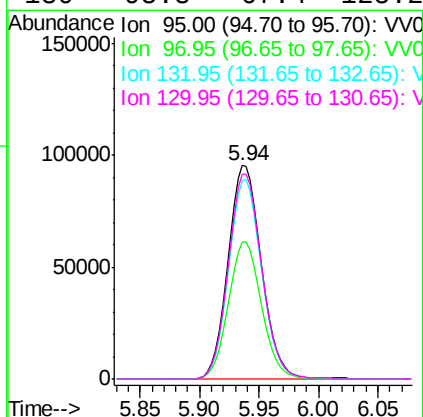
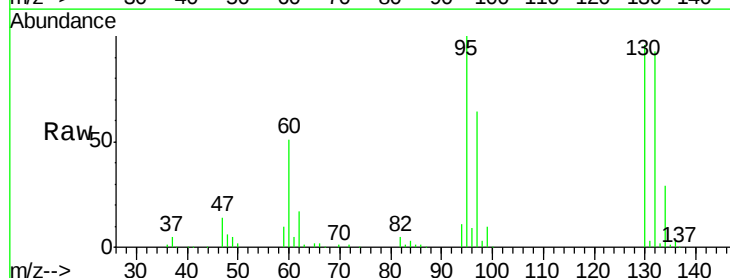
Instrument :
MSVOA_V
ClientSampleId :
C0Y07

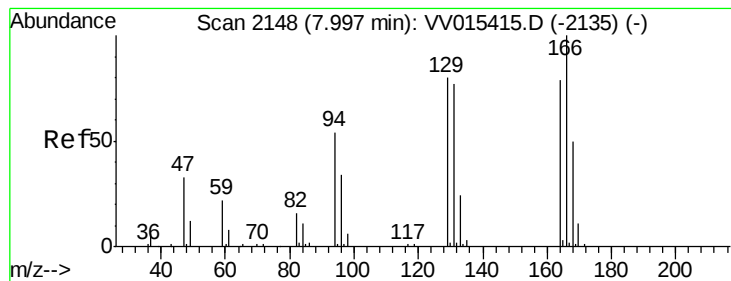
Tot Ion: 83 Resp: 4551
Ion Ratio Lower Upper
83 100
85 53.9 45.9 85.3



#34
Trichloroethene
Concen: 19.938 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV015422.D
Acq: 09 Apr 2020 16:18

Tgt Ion: 95 Resp: 185011
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.4
132 92.7 64.8 120.4
130 95.8 67.4 125.2





#47

Tetrachloroethene

Concen: 4.484 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015422.D

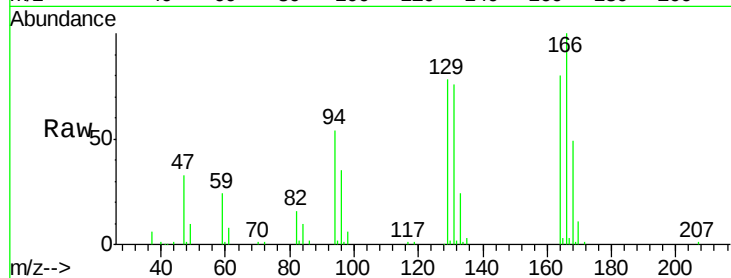
Acq: 09 Apr 2020 16:18

Instrument :

MSVOA_V

ClientSampleId :

C0Y07



Tot Ion:164 Resp: 30829

Ion Ratio Lower Upper

164 100

129 97.9 70.6 131.0

131 95.7 68.3 126.8

166 125.7 88.3 163.9

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

