

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015576.D
 Acq On : 20 Apr 2020 12:34
 Operator : SY/MD
 Sample : L2333-15
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC7

Quant Time: Apr 21 01:17:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	94188	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	89446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	42668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21388	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	22329	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.12	63	39511	3.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.80%
20) 2-Butanone-d5	3.92	46	73982	53.91	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.82%
24) Chloroform-d	4.38	84	53972	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	29725	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	98628	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.09	67	32101	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	88433	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.65	79	8518	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
46) 2-Hexanone-d5	8.11	63	52066	40.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.34%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23176	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	33423	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

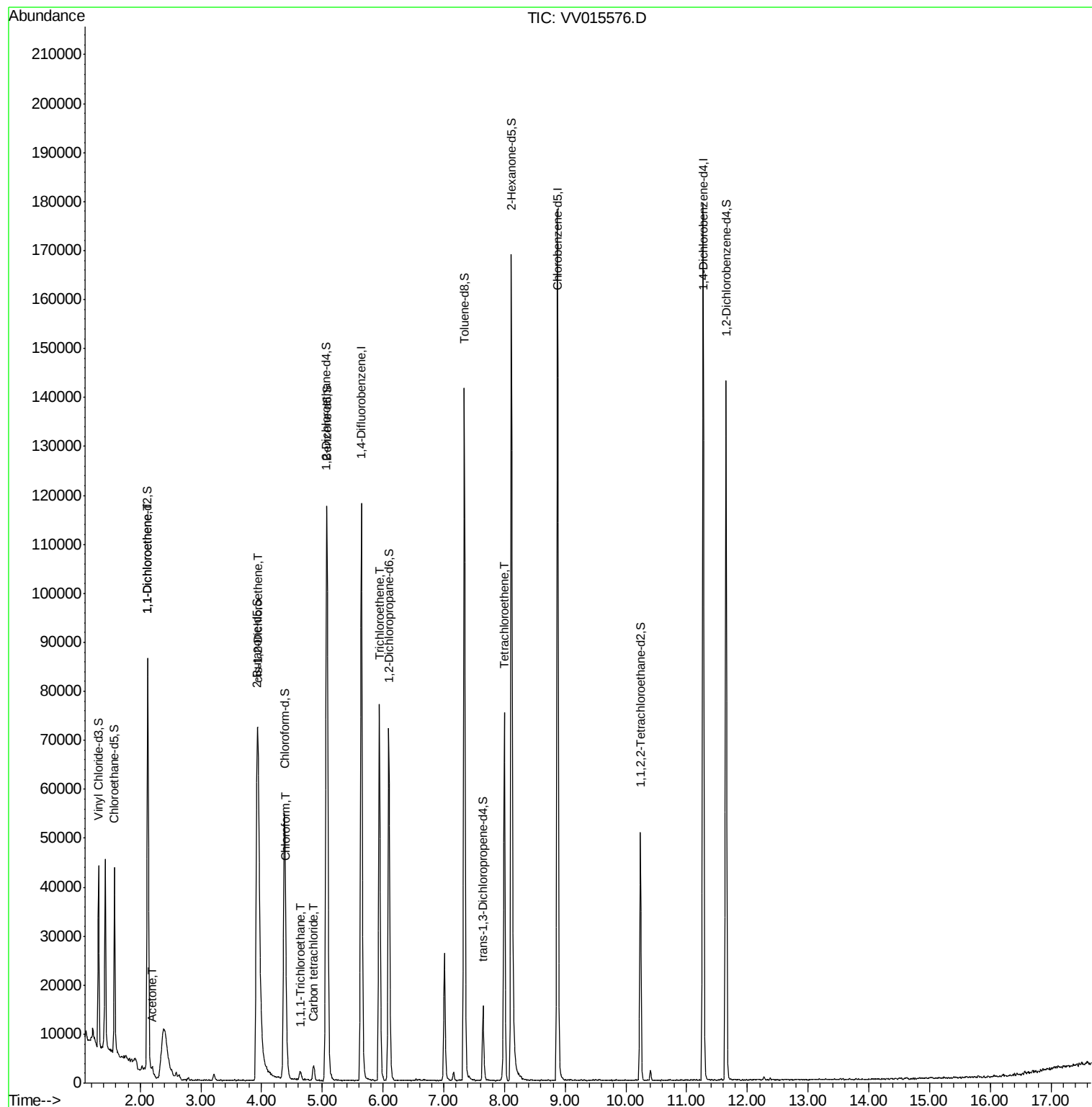
					Ovalue
12) 1,1-Dichloroethene	2.13	96	9702	1.641 ug/L #	38
13) Acetone	2.20	43	3456	3.565 ug/L #	57
22) cis-1,2-Dichloroethene	3.94	96	3262	0.472 ug/L	71
25) Chloroform	4.41	83	7392	0.575 ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	1695	0.146 ug/L #	85
31) Carbon tetrachloride	4.85	117	2099	0.208 ug/L	98
34) Trichloroethene	5.94	95	26256	3.644 ug/L	98
47) Tetrachloroethene	8.00	164	15656	2.933 ug/L	97

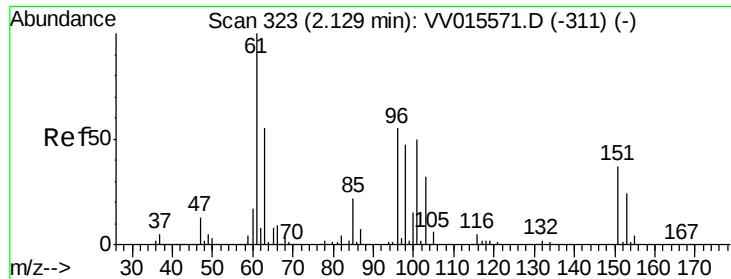
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.641 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015576.D

Acq: 20 Apr 2020 12:34

Instrument :

MSVOA_V

ClientSampled :

C0AC7

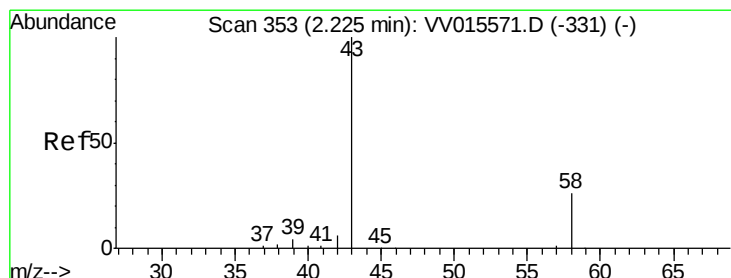
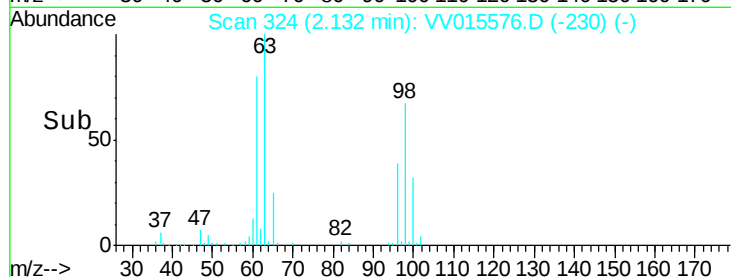
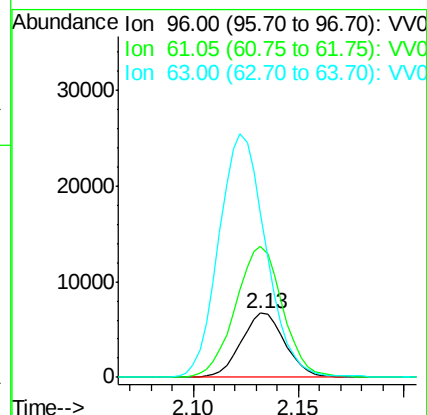
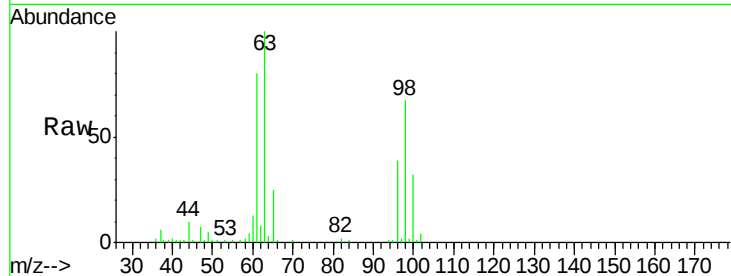
Tot Ion: 96 Resp: 9702

Ion Ratio Lower Upper

96 100

61 203.5 127.7 237.1

63 254.6 75.1 139.5#



#13

Acetone

Concen: 3.565 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV015576.D

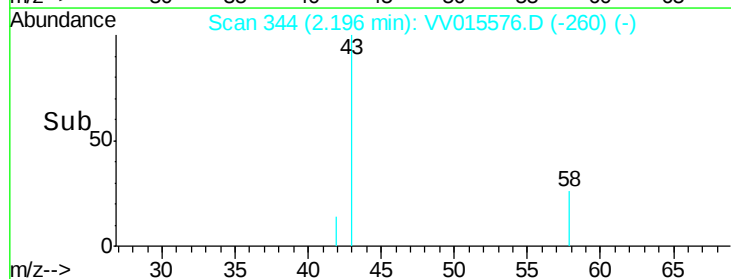
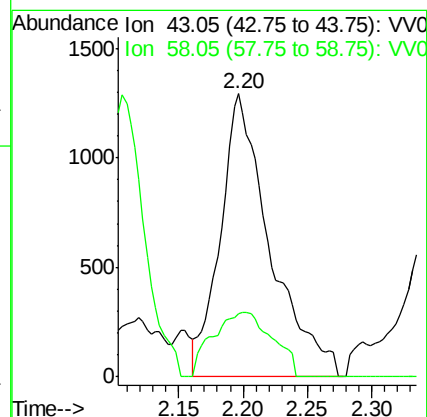
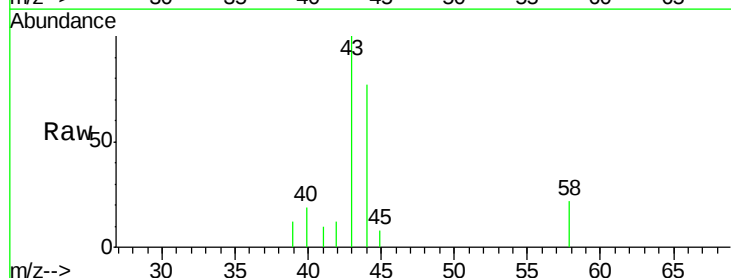
Acq: 20 Apr 2020 12:34

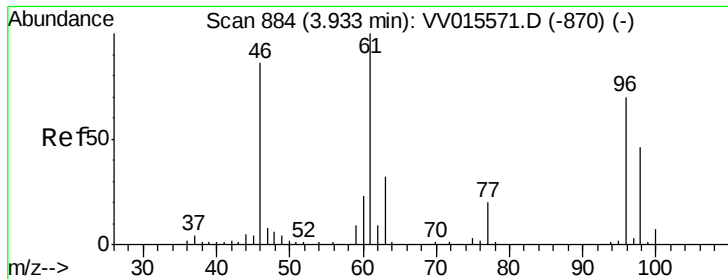
Tgt Ion: 43 Resp: 3456

Ion Ratio Lower Upper

43 100

58 27.4 0.0 22.2#



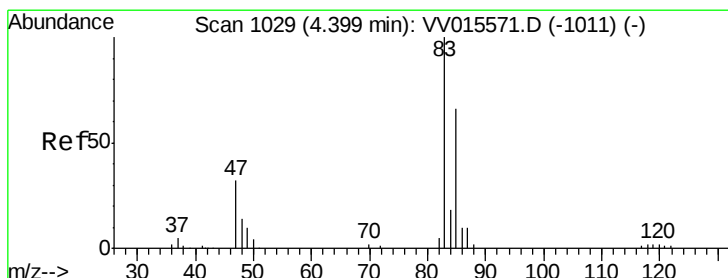
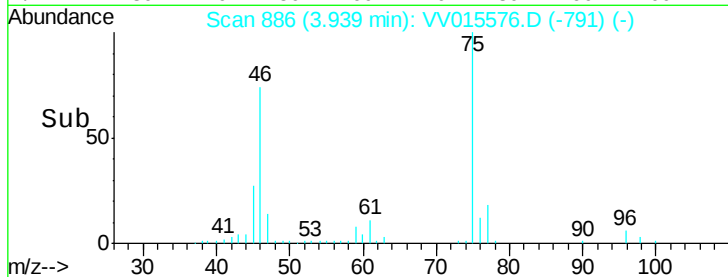
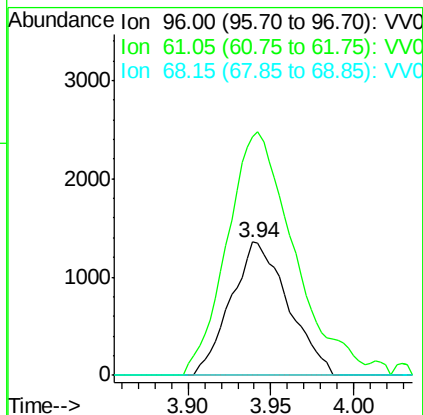
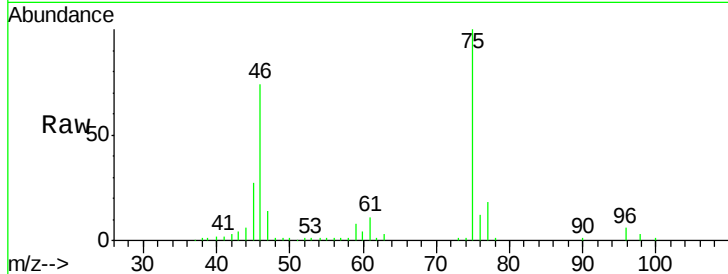


#22

cis-1,2-Dichloroethene
Concen: 0.472 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015576.D
Acq: 20 Apr 2020 12:34

Instrument :
MSVOA_V
ClientSampleId :
C0AC7

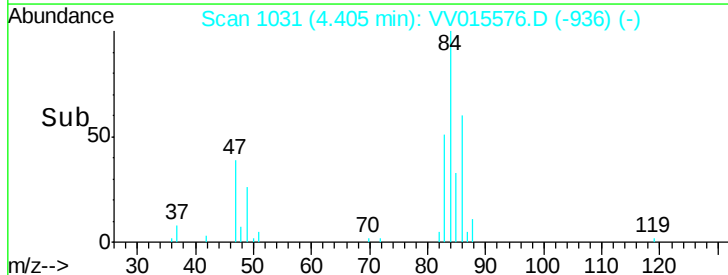
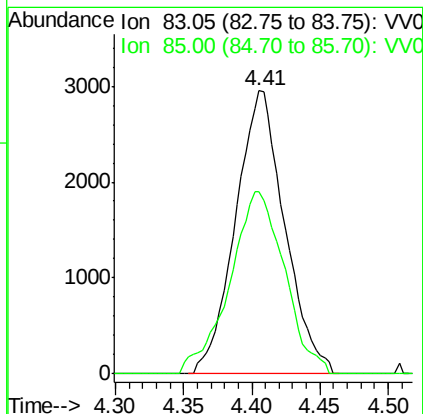
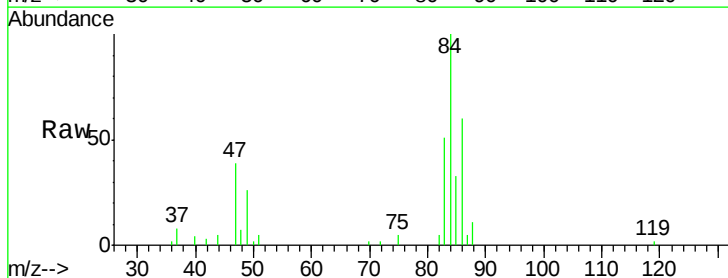
Tot Ion: 96 Resp: 3262
Ion Ratio Lower Upper
96 100
61 179.1 100.0 185.8
68 0.0 0.0 0.0

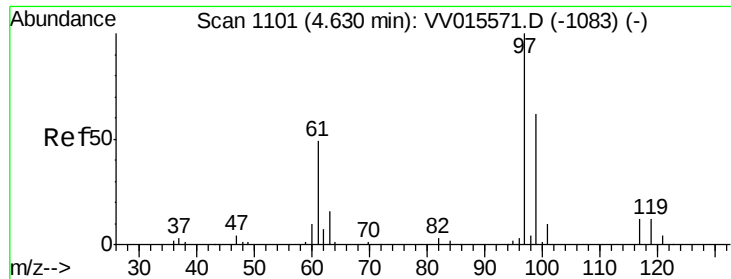


#25

Chloroform
Concen: 0.575 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015576.D
Acq: 20 Apr 2020 12:34

Tgt Ion: 83 Resp: 7392
Ion Ratio Lower Upper
83 100
85 64.2 45.9 85.3

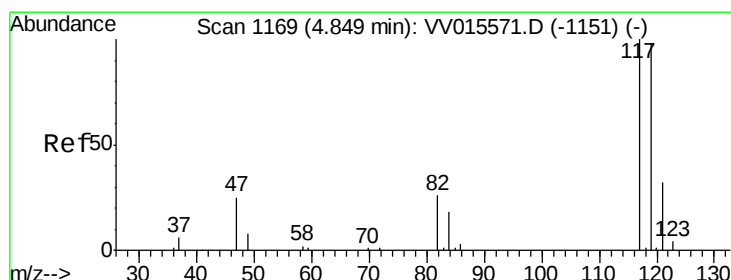
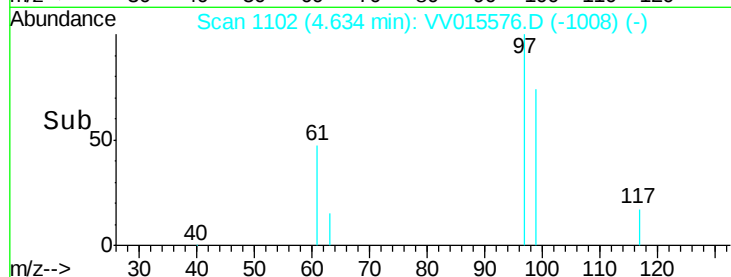
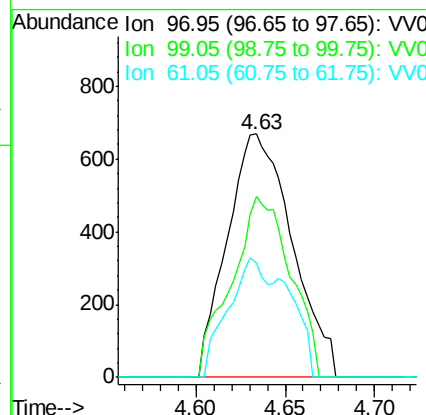
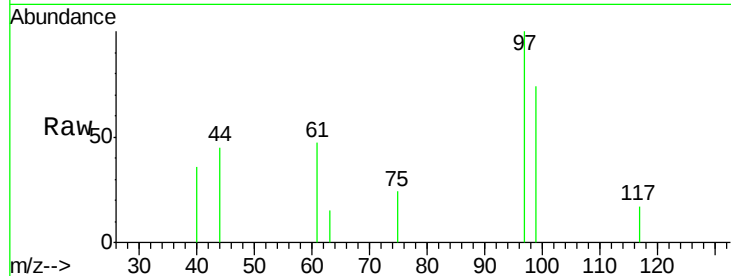




#29
 1,1,1-Trichloroethane
 Concen: 0.146 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV015576.D
 Acq: 20 Apr 2020 12:34

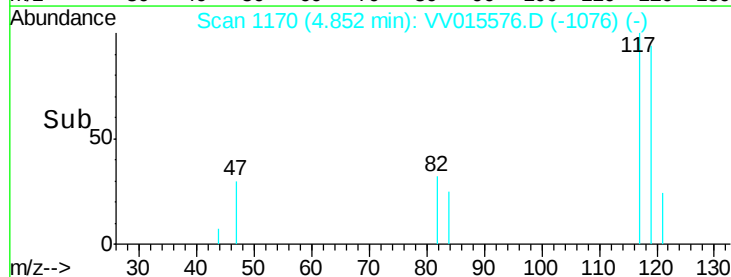
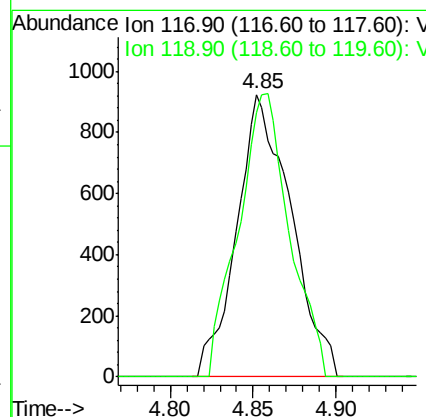
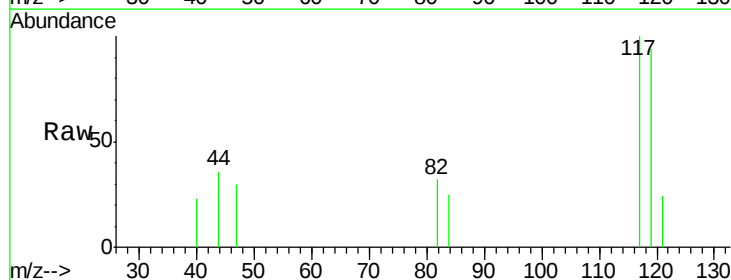
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC7

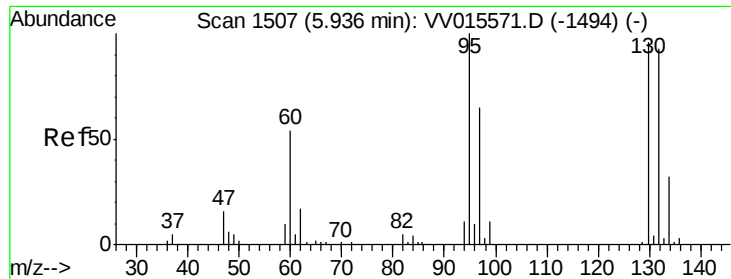
Tot Ion: 97 Resp: 1695
 Ion Ratio Lower Upper
 97 100
 99 67.8 51.6 77.4
 61 28.4 39.0 58.6#



#31
 Carbon tetrachloride
 Concen: 0.208 ug/L
 RT: 4.85 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: VV015576.D
 Acq: 20 Apr 2020 12:34

Tgt Ion: 117 Resp: 2099
 Ion Ratio Lower Upper
 117 100
 119 94.2 76.6 115.0

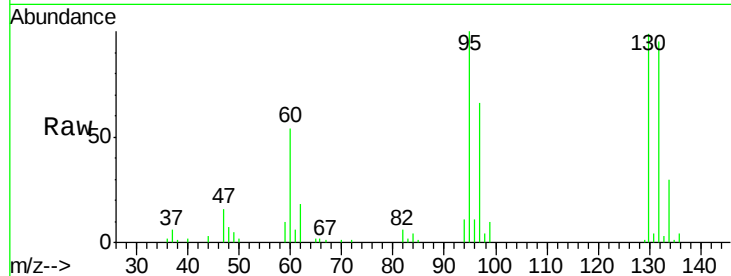




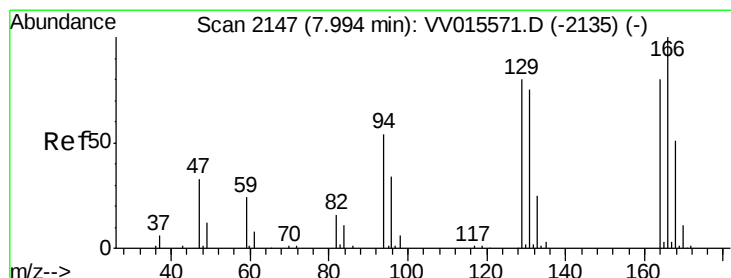
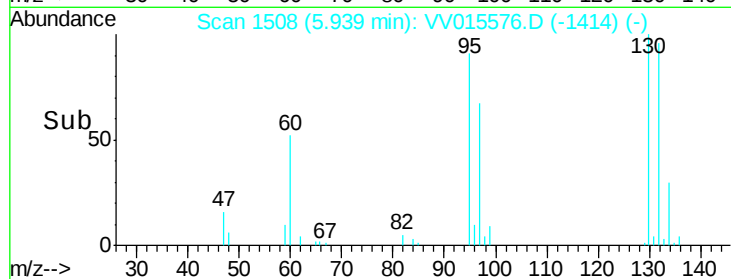
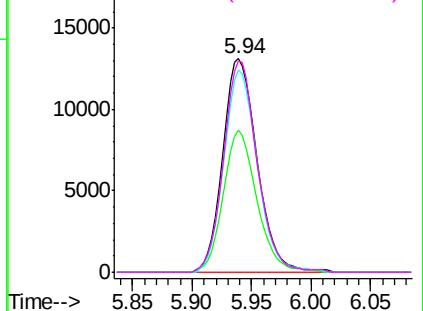
#34
 Trichloroethene
 Concen: 3.644 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015576.D
 Acq: 20 Apr 2020 12:34

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC7

Tot Ion: 95 Resp: 26256
 Ion Ratio Lower Upper
 95 100
 97 66.3 45.4 84.4
 132 94.9 64.8 120.4
 130 99.0 67.4 125.2

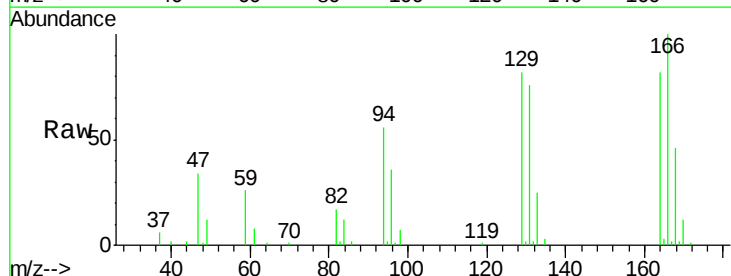


Abundance Ion 95.00 (94.70 to 95.70): VV015576.D (-1414) (-)
 Ion 96.95 (96.65 to 97.65): VV015576.D (-1414) (-)
 Ion 131.95 (131.65 to 132.65): VV015576.D (-1414) (-)
 Ion 129.95 (129.65 to 130.65): VV015576.D (-1414) (-)



#47
 Tetrachloroethene
 Concen: 2.933 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015576.D
 Acq: 20 Apr 2020 12:34

Tgt Ion: 164 Resp: 15656
 Ion Ratio Lower Upper
 164 100
 129 100.5 70.6 131.0
 131 93.3 68.3 126.8
 166 122.2 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV015576.D (-2054) (-)
 Ion 128.95 (128.65 to 129.65): VV015576.D (-2054) (-)
 Ion 130.95 (130.65 to 131.65): VV015576.D (-2054) (-)
 Ion 165.90 (165.60 to 166.60): VV015576.D (-2054) (-)

