

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060120\
 Data File : VV016405.D
 Acq On : 01 Jun 2020 12:30
 Operator : SY/MD
 Sample : L2780-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL2

Quant Time: Jun 02 02:22:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 01:13:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	70594	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	67216	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	25348	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	29281	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.58	69	23221	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.12	63	53661	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.97	46	67552	50.66	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.32%
24) Chloroform-d	4.37	84	51827	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	28990	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.07	84	102783	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
36) 1,2-Dichloropropane-d6	6.09	67	30278	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.34	98	86439	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
45) trans-1,3-Dichloropropene-	7.65	79	9023	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
48) 2-Hexanone-d5	8.12	63	52877	53.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21544	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	24846	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

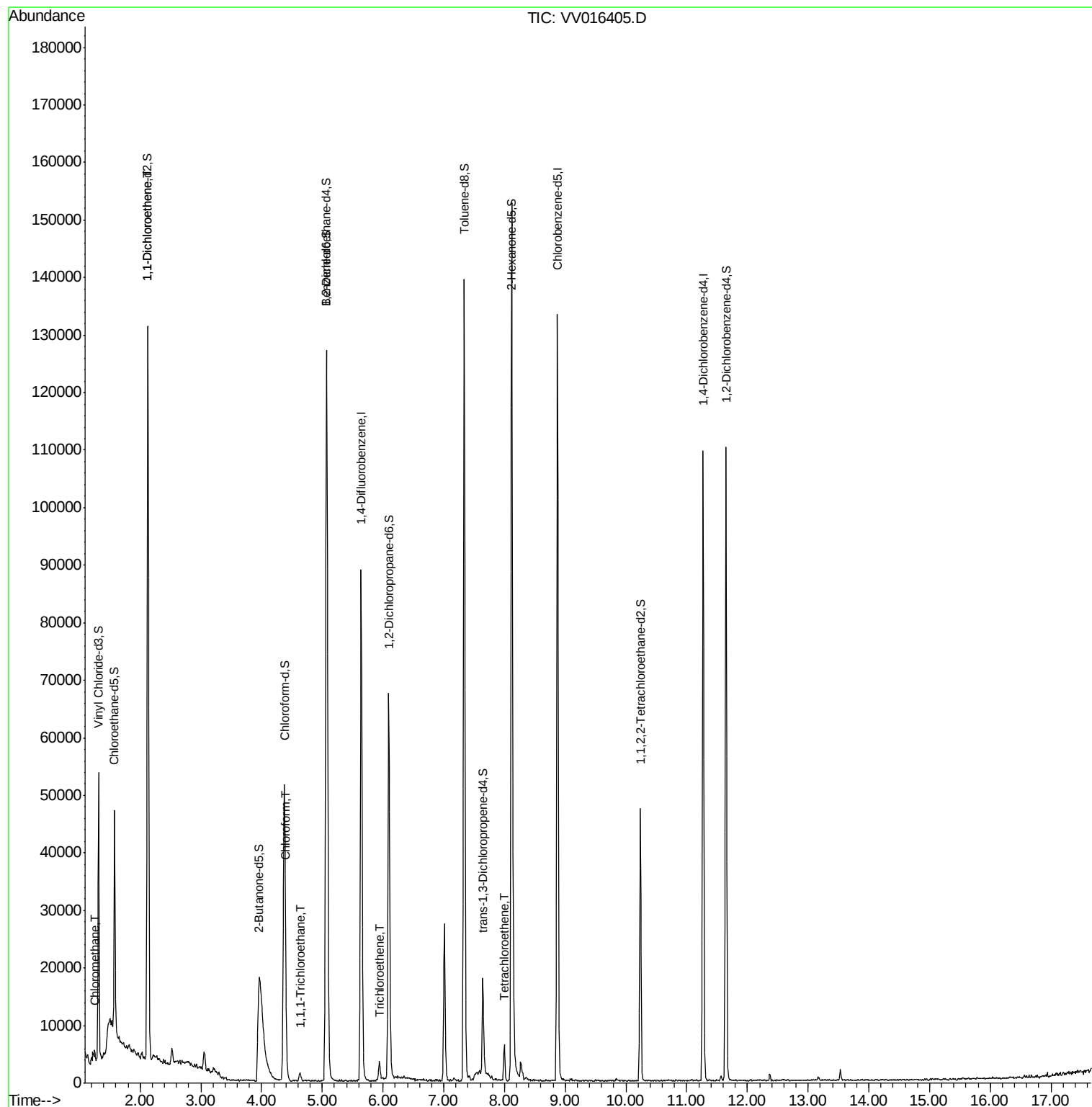
					Ovalue
3) Chloromethane	1.25	50	1021	0.145 ug/L	89
12) 1,1-Dichloroethene	2.13	96	21812	4.801 ug/L	83
25) Chloroform	4.40	83	2425	0.254 ug/L	94
29) 1,1,1-Trichloroethane	4.64	97	1231	0.155 ug/L	94
34) Trichloroethene	5.94	95	1088	0.209 ug/L	95
49) Tetrachloroethene	7.99	164	1182	0.309 ug/L	84

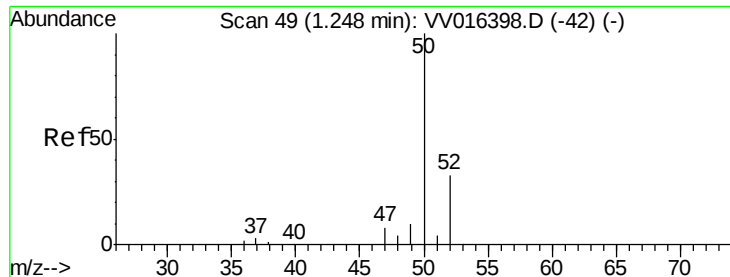
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.145 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016405.D

Acq: 01 Jun 2020 12:30

Instrument :

MSVOA_V

ClientSampleId :

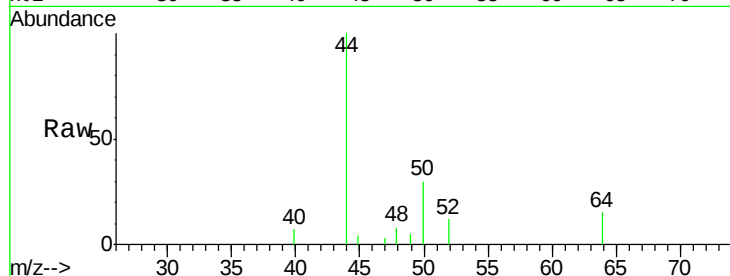
C0AL2

Tot Ion: 50 Resp: 1021

Ion Ratio Lower Upper

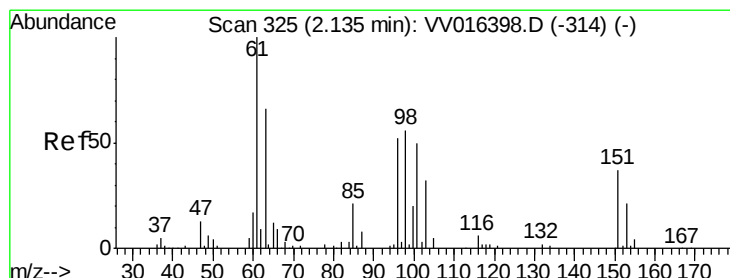
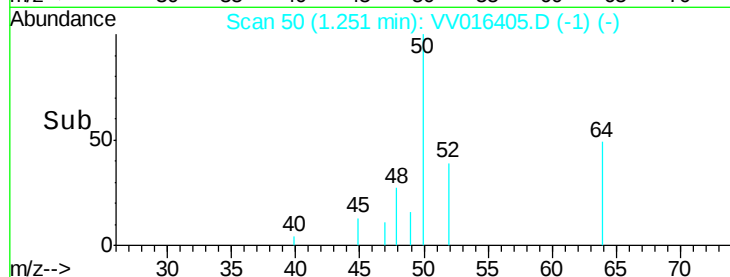
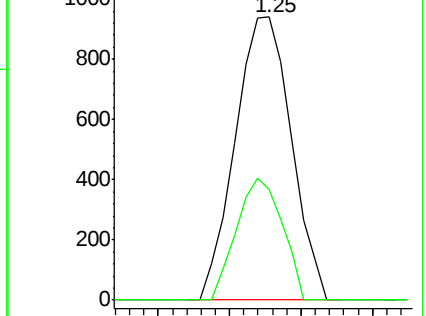
50 100

52 39.1 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 4.801 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016405.D

Acq: 01 Jun 2020 12:30

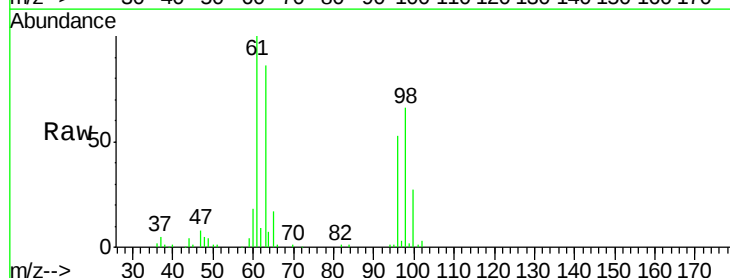
Tgt Ion: 96 Resp: 21812

Ion Ratio Lower Upper

96 100

61 188.6 125.4 233.0

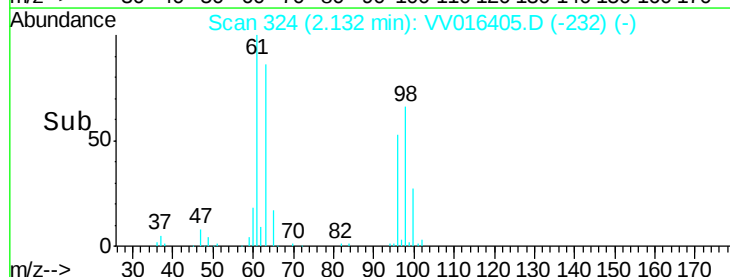
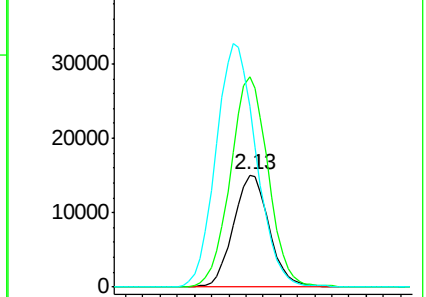
63 161.8 88.2 163.8

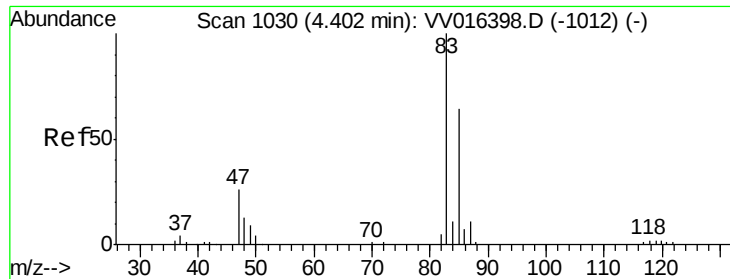


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

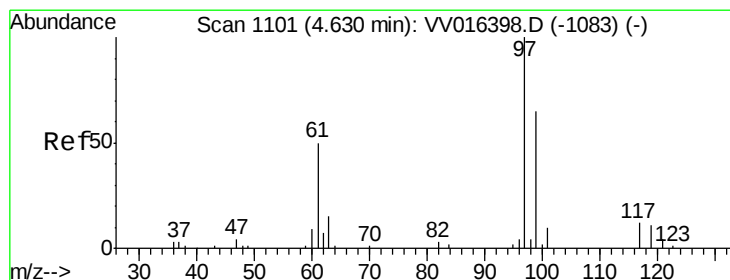
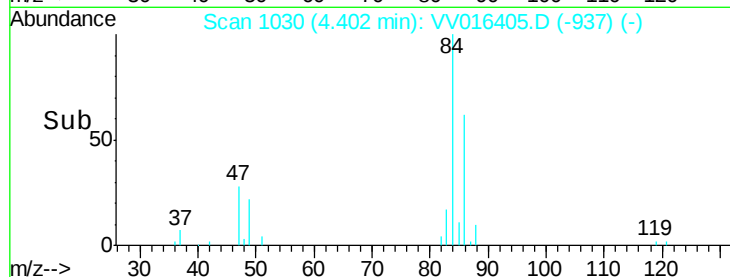
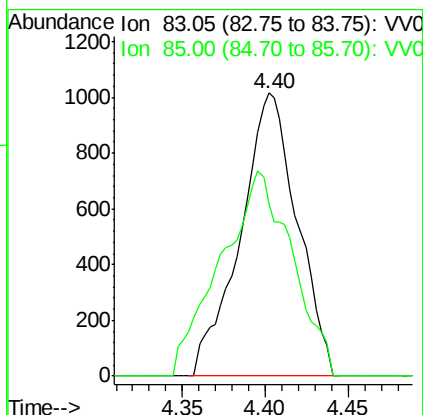
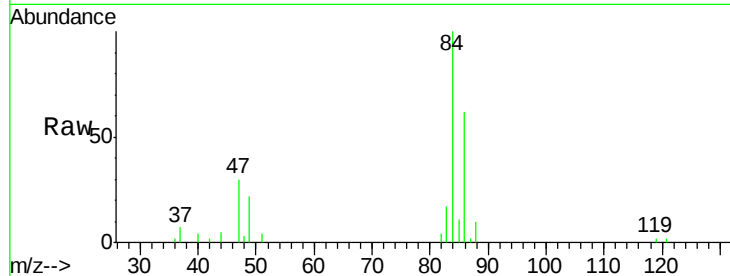




#25
Chloroform
Concen: 0.254 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV016405.D
Acq: 01 Jun 2020 12:30

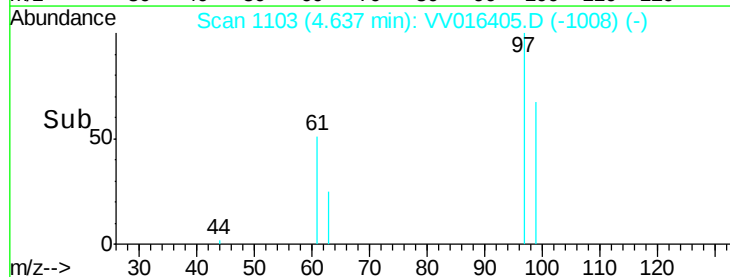
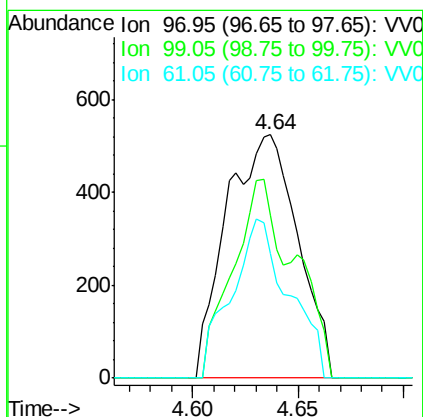
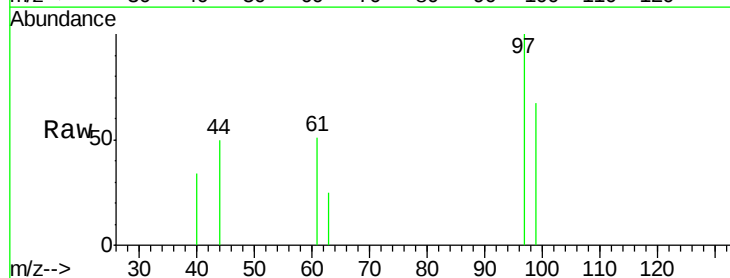
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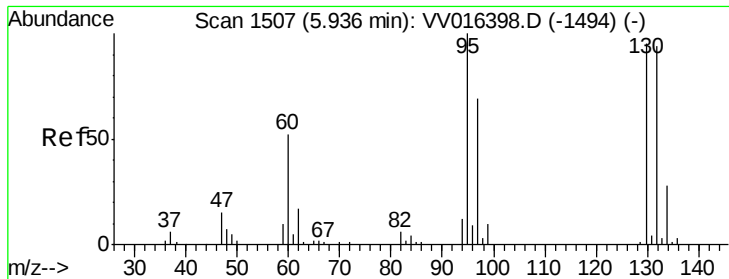
Tot Ion: 83 Resp: 2425
Ion Ratio Lower Upper
83 100
85 60.8 45.8 85.2



#29
1,1,1-Trichloroethane
Concen: 0.155 ug/L
RT: 4.64 min Scan# 1103
Delta R.T. 0.01 min
Lab File: VV016405.D
Acq: 01 Jun 2020 12:30

Tgt Ion: 97 Resp: 1231
Ion Ratio Lower Upper
97 100
99 70.4 52.0 78.0
61 52.3 39.8 59.6

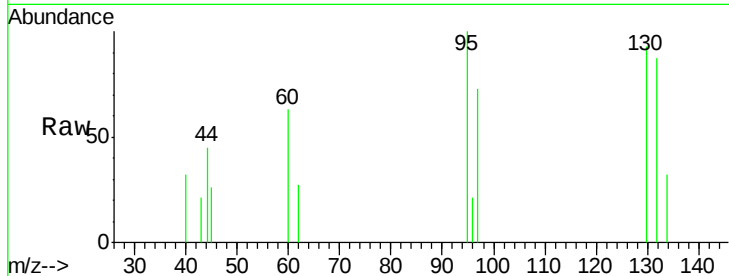




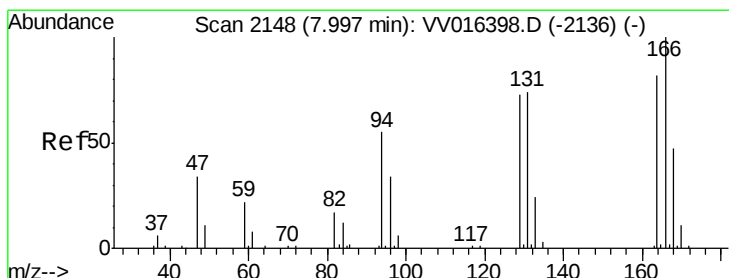
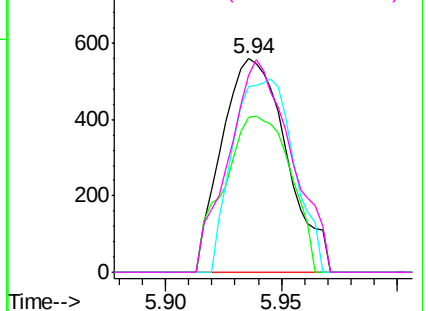
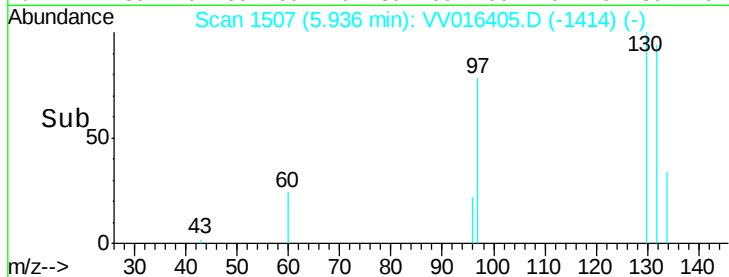
#34
 Trichloroethene
 Concen: 0.209 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: VV016405.D
 Acq: 01 Jun 2020 12:30

Instrument :
 MSVOA_V
 ClientSampled :
 C0AL2

Tot Ion: 95 Resp: 1088
 Ion Ratio Lower Upper
 95 100
 97 72.5 42.6 79.0
 132 86.6 59.6 110.8
 130 92.5 64.8 120.4

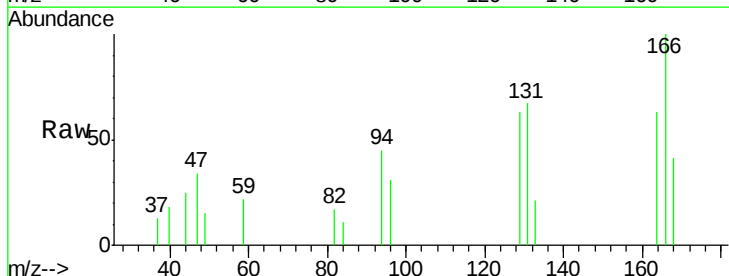


Abundance Ion 95.00 (94.70 to 95.70): VV016405.D (-2055) (-)
 Ion 96.95 (96.65 to 97.65): VV016405.D (-2055) (-)
 Ion 131.95 (131.65 to 132.65): VV016405.D (-2055) (-)
 Ion 129.95 (129.65 to 130.65): VV016405.D (-2055) (-)



#49
 Tetrachloroethene
 Concen: 0.309 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: VV016405.D
 Acq: 01 Jun 2020 12:30

Tgt Ion: 164 Resp: 1182
 Ion Ratio Lower Upper
 164 100
 129 100.1 72.2 134.0
 131 106.6 65.8 122.2
 166 158.3 88.3 163.9



Abundance Ion 163.90 (163.60 to 164.60): VV016405.D (-2055) (-)
 Ion 128.95 (128.65 to 129.65): VV016405.D (-2055) (-)
 Ion 130.95 (130.65 to 131.65): VV016405.D (-2055) (-)
 Ion 165.90 (165.60 to 166.60): VV016405.D (-2055) (-)

