

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061820\
 Data File : VV016975.D
 Acq On : 18 Jun 2020 13:38
 Operator : SY/MD
 Sample : L3039-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 19 04:37:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 19 04:33:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354725	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342146	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	174637	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	87417	34.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.84%
7) Chloroethane-d5	1.58	69	69621	46.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.72%
11) 1,1-Dichloroethene-d2	1.97	63	138	0.03	ug/L	-0.16
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.06%#
21) 2-Butanone-d5	3.91	46	162549	87.74	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	4.38	84	217078	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
26) 1,2-Dichloroethane-d4	5.06	65	162629	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.08	84	437691	44.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.76%
36) 1,2-Dichloropropane-d6	6.10	67	137056	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.16%
41) Toluene-d8	7.34	98	407103	44.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.96%
43) trans-1,3-Dichloropropene-	7.64	79	70668	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.11	63	100443	74.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	173564	42.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	178122	47.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.58%

Target Compounds

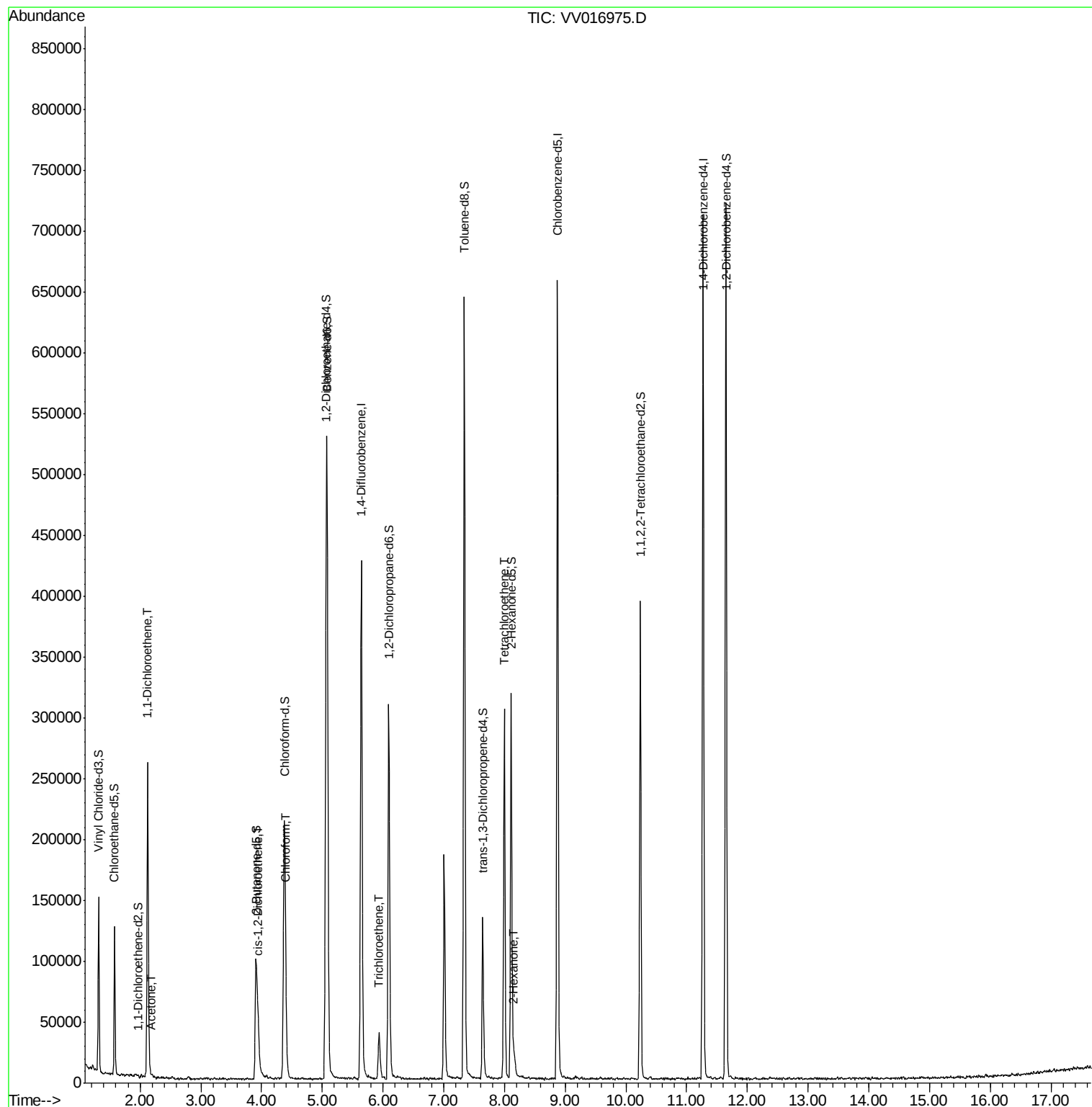
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1367	0.776 ug/L #	1
13) Acetone	2.19	43	2085	1.708 ug/L	59
20) cis-1,2-Dichloroethene	3.95	96	13510	5.162 ug/L	99
25) Chloroform	4.41	83	15084	3.248 ug/L	93
34) Trichloroethene	5.94	95	7107	2.618 ug/L	98
46) Tetrachloroethene	8.00	164	65420	30.638 ug/L	97
48) 2-Hexanone	8.16	43	7734	2.674 ug/L #	57

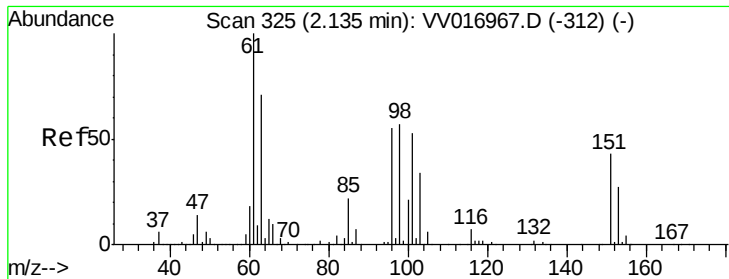
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 04:33:43 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016975.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

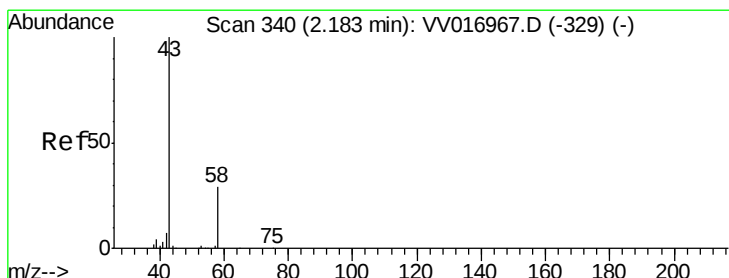
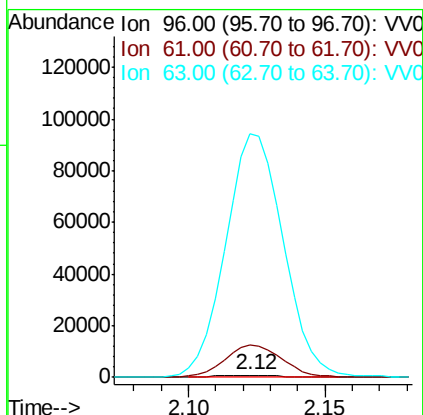
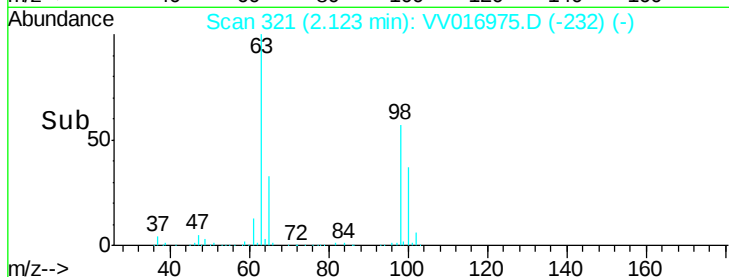
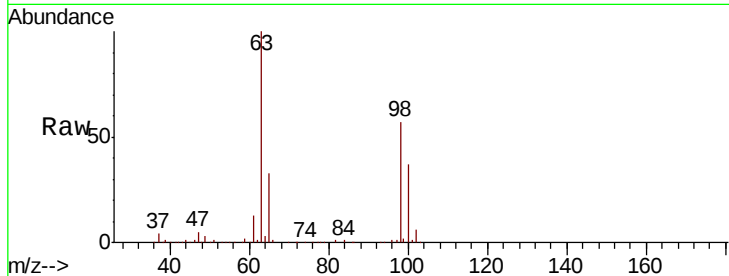
Tot Ion: 96 Resp: 1367

Ion Ratio Lower Upper

96 100

61 1534.0 130.4 242.2#

63 11607.9 103.3 191.9#



#13

Acetone

Concen: 1.708 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV016975.D

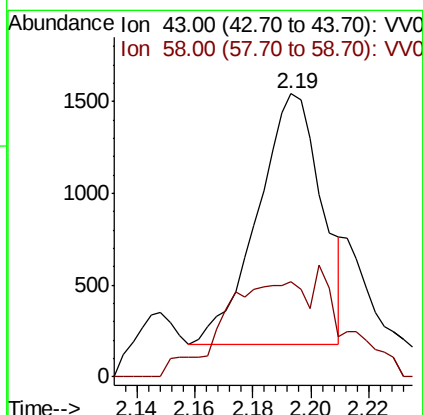
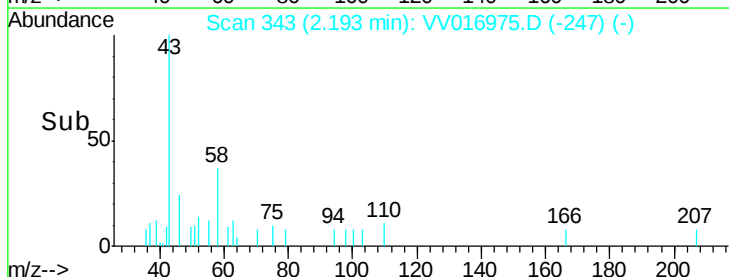
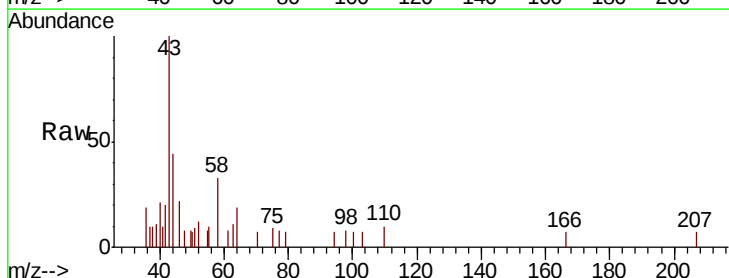
Acq: 18 Jun 2020 13:38

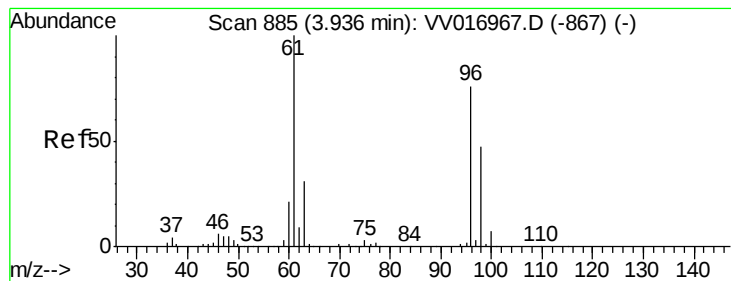
Tgt Ion: 43 Resp: 2085

Ion Ratio Lower Upper

43 100

58 6.1 0.0 55.2





#20

cis-1,2-Dichloroethene

Concen: 5.162 ug/L

RT: 3.95 min Scan# 888

Delta R.T. 0.01 min

Lab File: VV016975.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_V

ClientSampleId :

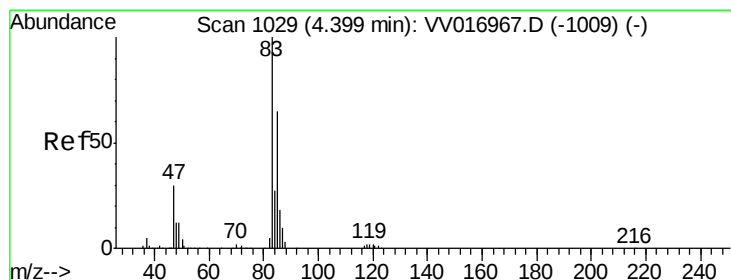
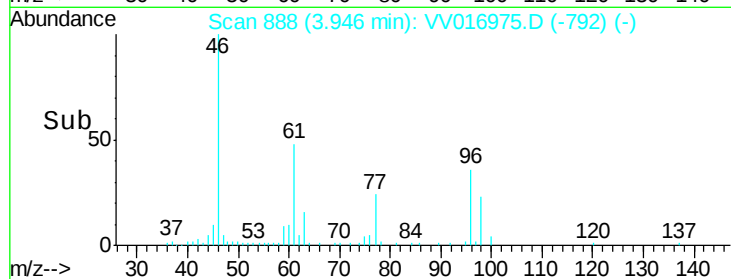
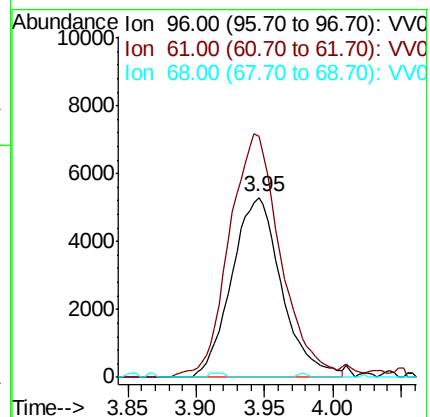
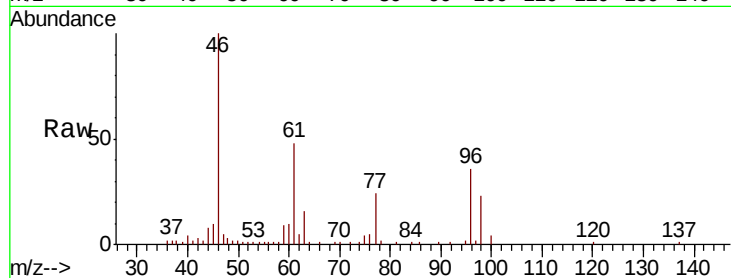
Tot Ion: 96 Resp: 13510

Ion Ratio Lower Upper

96 100

61 134.1 93.4 173.4

68 0.0 0.0 0.0



#25

Chloroform

Concen: 3.248 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016975.D

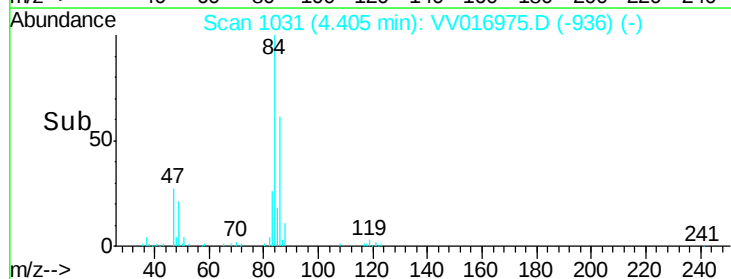
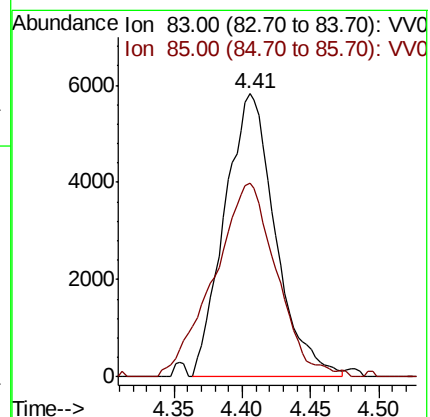
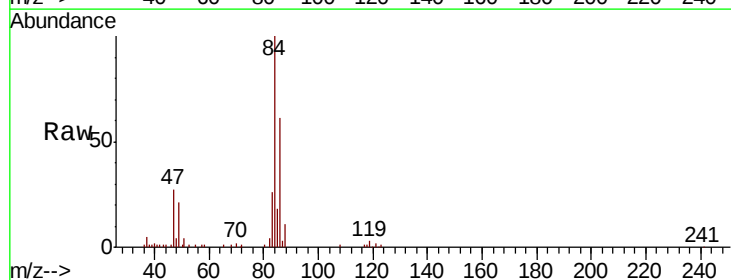
Acq: 18 Jun 2020 13:38

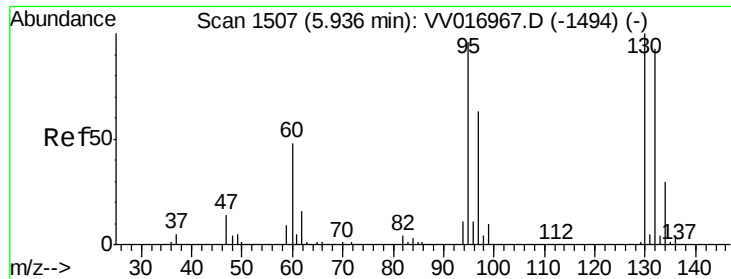
Tgt Ion: 83 Resp: 15084

Ion Ratio Lower Upper

83 100

85 68.6 44.1 81.9





#34

Trichloroethene

Concen: 2.618 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016975.D

Acq: 18 Jun 2020 13:38

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 7107

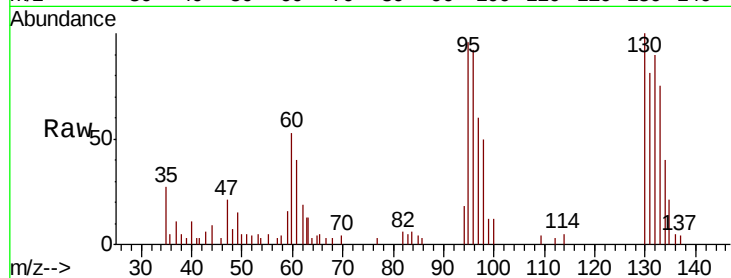
Ion Ratio Lower Upper

95 100

97 61.7 44.3 82.3

132 93.8 67.9 126.1

130 103.7 72.2 134.2

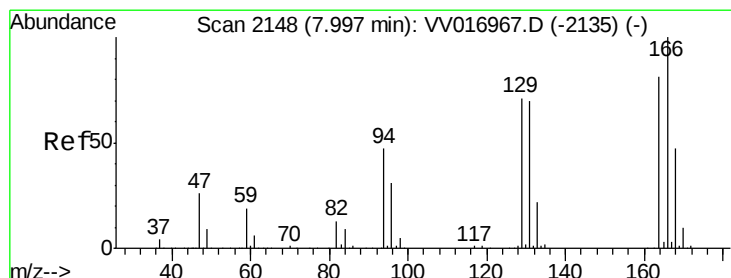
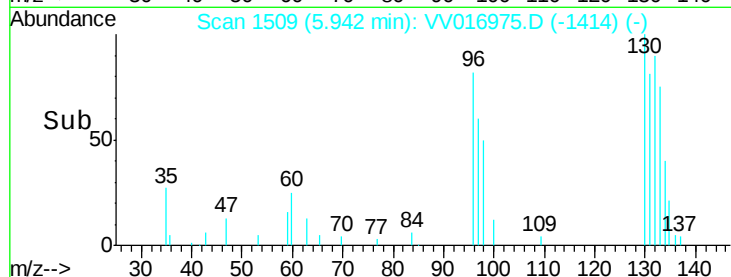
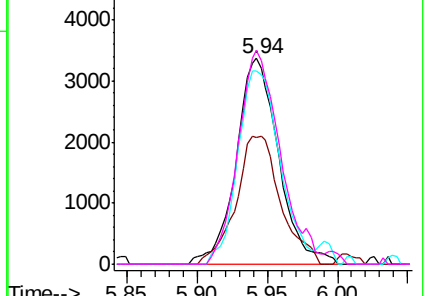


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 30.638 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016975.D

Acq: 18 Jun 2020 13:38

Tgt Ion: 164 Resp: 65420

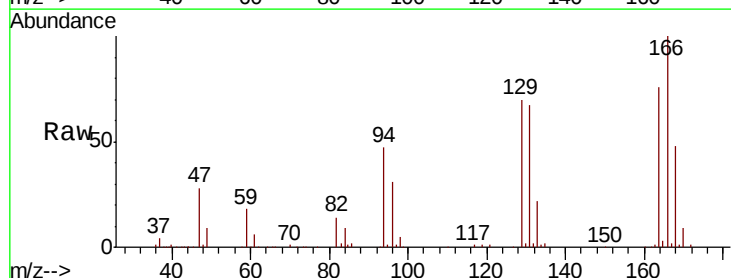
Ion Ratio Lower Upper

164 100

129 92.6 67.0 124.4

131 88.0 64.8 120.3

166 131.6 90.4 167.8

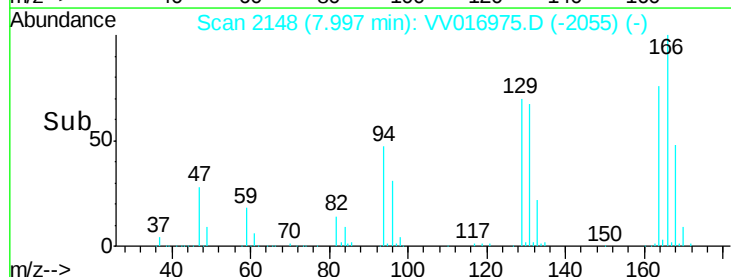
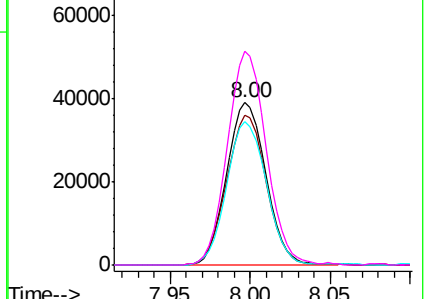


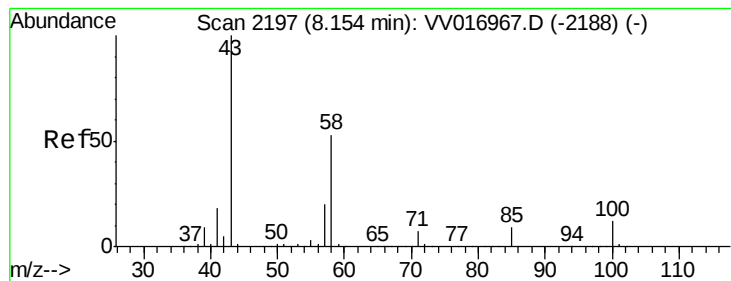
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

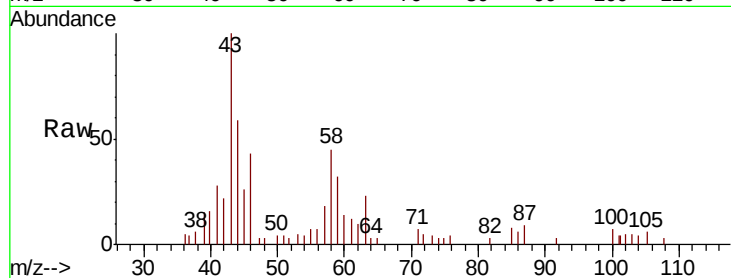




#48
 2-Hexanone
 Concen: 2.674 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV016975.D
 Acq: 18 Jun 2020 13:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 7734
 Ion Ratio Lower Upper
 43 100
 58 10.9 43.1 64.7#
 57 24.8 15.3 22.9#
 100 5.8 10.0 15.0#



Abundance Ion 43.00 (42.70 to 43.70): VV0
 Ion 58.00 (57.70 to 58.70): VV0
 Ion 57.00 (56.70 to 57.70): VV0
 Ion 100.00 (99.70 to 100.70): VV0

