

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071320\
 Data File : VV017467.D
 Acq On : 13 Jul 2020 14:03
 Operator : SY/MD
 Sample : L3270-16
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 14 05:17:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 14 05:08:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	248914	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	236012	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	114609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	75331	58.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.26%
7) Chloroethane-d5	1.58	69	58853	64.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	129.30%
11) 1,1-Dichloroethene-d2	2.12	63	122509	41.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.50%
21) 2-Butanone-d5	3.91	46	95579	107.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.99%
24) Chloroform-d	4.38	84	156722	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
26) 1,2-Dichloroethane-d4	5.06	65	118393	57.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.10%
32) Benzene-d6	5.08	84	287879	56.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.94%
36) 1,2-Dichloropropane-d6	6.09	67	82003	55.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	111.72%
41) Toluene-d8	7.34	98	270249	55.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.28%
43) trans-1,3-Dichloropropene-	7.64	79	48244	56.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.92%
47) 2-Hexanone-d5	8.11	63	61310	101.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.75%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	102338	49.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.30%
64) 1,2-Dichlorobenzene-d4	11.65	152	113624	59.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.58%

Target Compounds

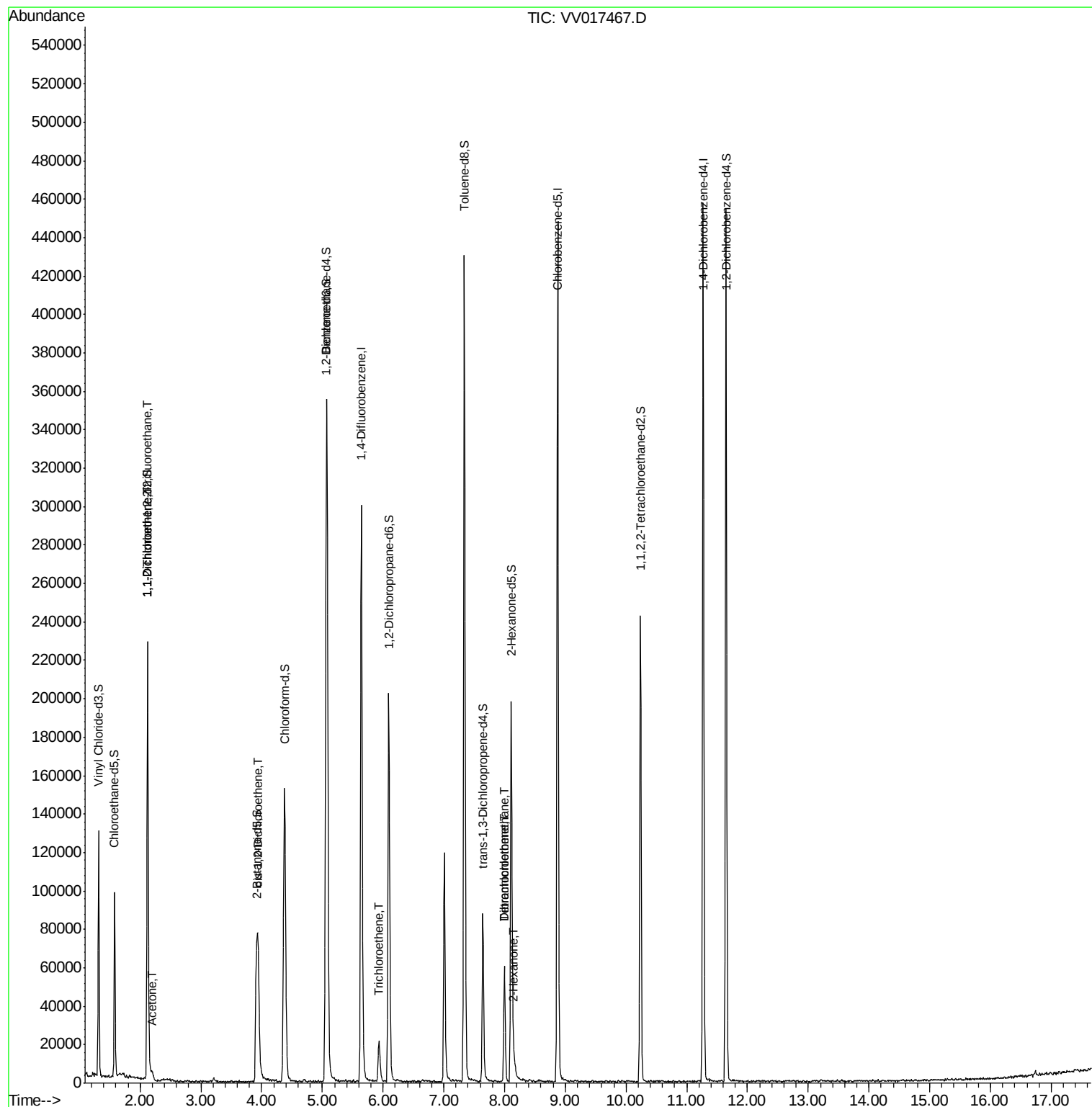
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1298	0.785 ug/L #	20
12) 1,1-Dichloroethene	2.13	96	1121	0.750 ug/L #	1
13) Acetone	2.19	43	6521	5.412 ug/L	71
20) cis-1,2-Dichloroethene	3.94	96	29619	17.003 ug/L	96
34) Trichloroethene	5.94	95	2491	1.345 ug/L	86
46) Tetrachloroethene	8.00	164	13570	8.725 ug/L	92
48) 2-Hexanone	8.16	43	4095	2.397 ug/L #	88
49) Dibromochloromethane	8.00	129	11968	5.795 ug/L #	10

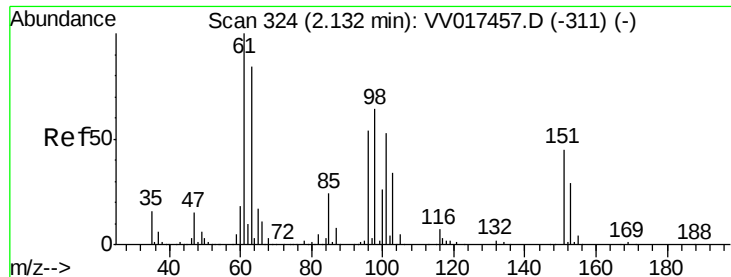
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 14 05:08:48 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.785 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017467.D

Acq: 13 Jul 2020 14:03

Instrument :

MSVOA_V

ClientSampled :

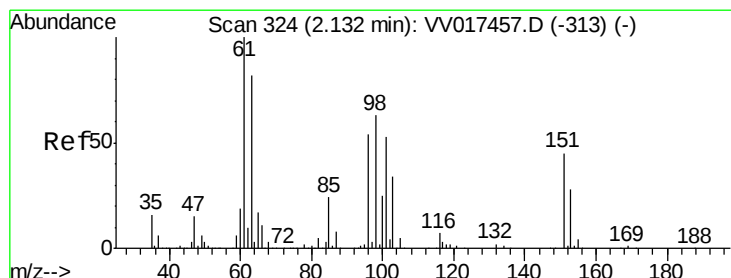
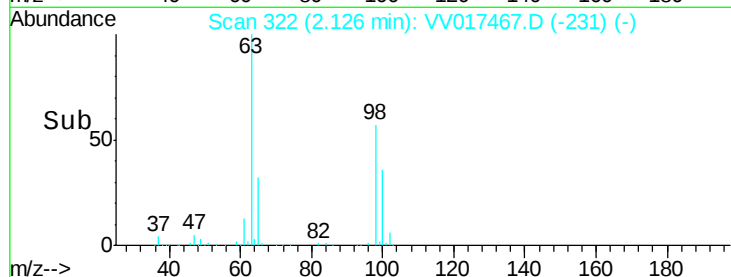
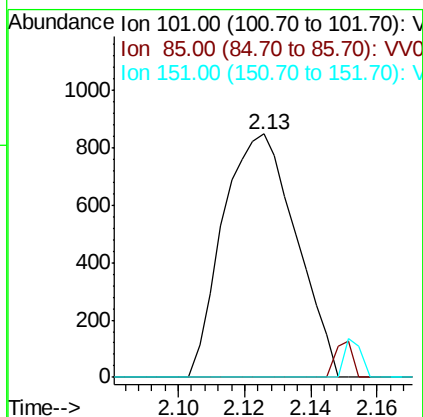
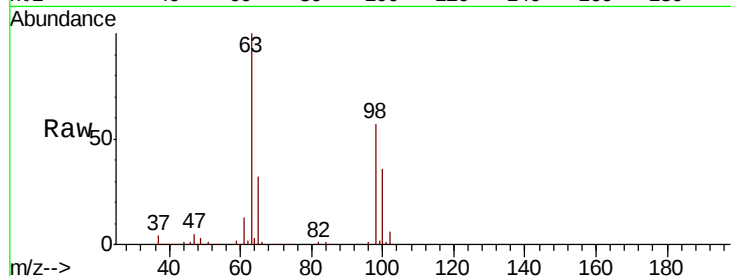
Tot Ion:101 Resp: 1298

Ion Ratio Lower Upper

101 100

85 3.5 36.2 54.4#

151 3.6 66.8 100.2#



#12

1,1-Dichloroethene

Concen: 0.750 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017467.D

Acq: 13 Jul 2020 14:03

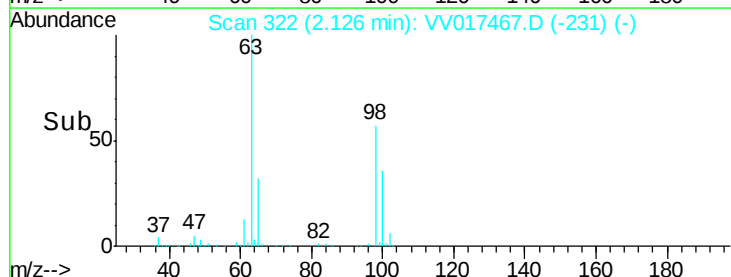
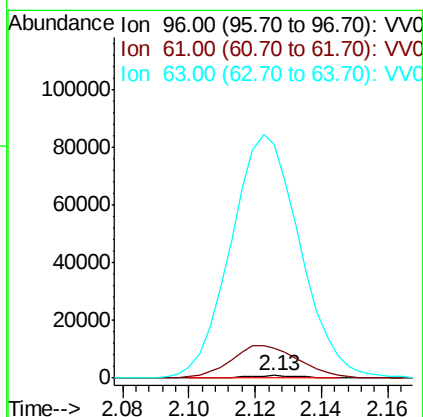
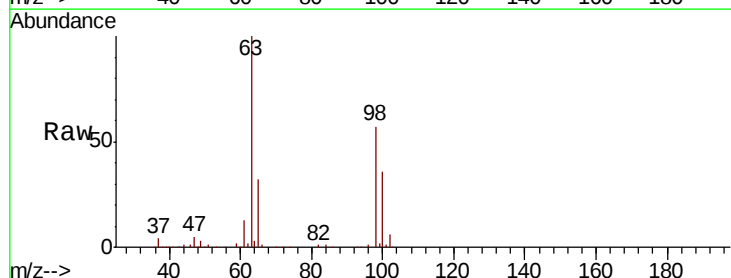
Tgt Ion: 96 Resp: 1121

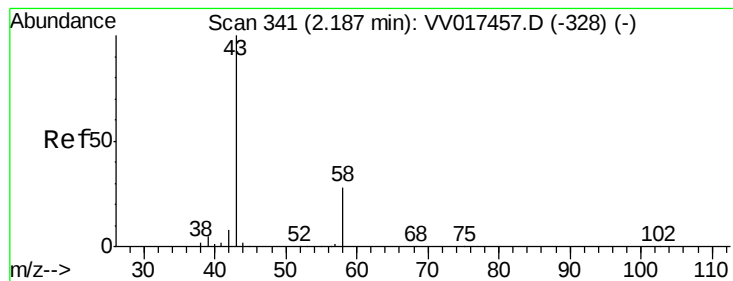
Ion Ratio Lower Upper

96 100

61 1152.6 132.7 246.4#

63 8864.2 103.3 191.8#





#13

Acetone

Concen: 5.412 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017467.D

Acq: 13 Jul 2020 14:03

Instrument :

MSVOA_V

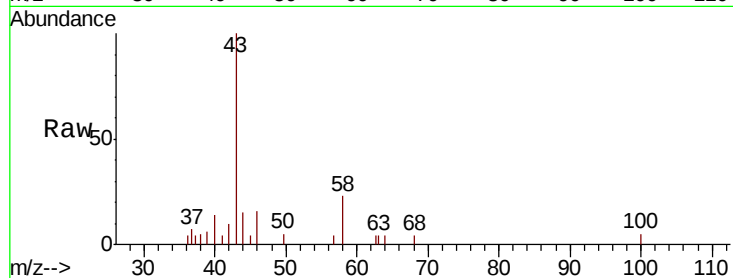
ClientSampleId :

Tot Ion: 43 Resp: 6521

Ion Ratio Lower Upper

43 100

58 12.9 0.0 56.0



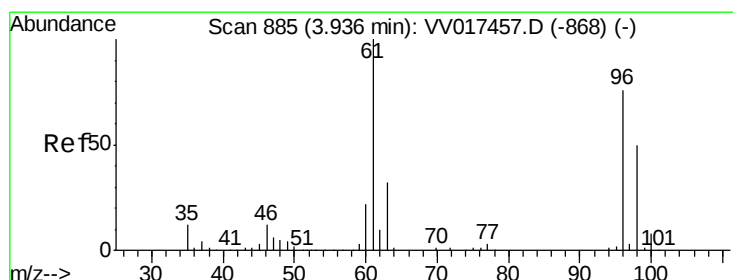
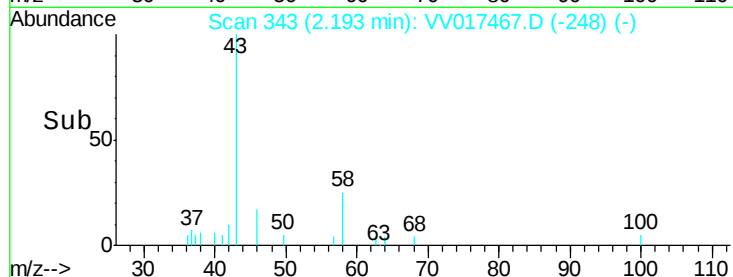
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.19

2.15 2.20 2.25 2.30

Time-->



#20

cis-1,2-Dichloroethene

Concen: 17.003 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV017467.D

Acq: 13 Jul 2020 14:03

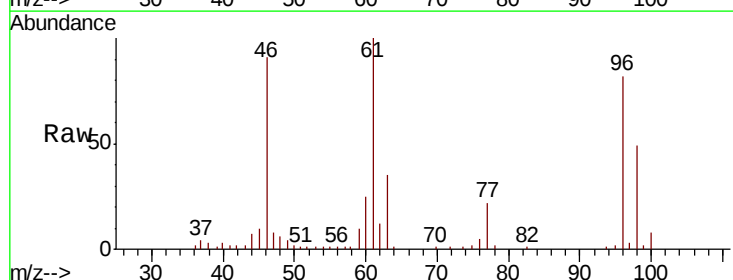
Tgt Ion: 96 Resp: 29619

Ion Ratio Lower Upper

96 100

61 122.3 88.9 165.1

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0

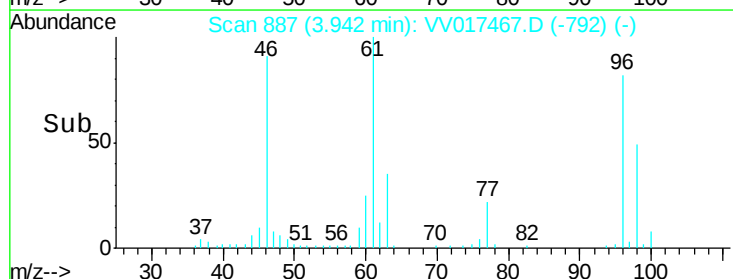
Ion 61.00 (60.70 to 61.70): VV0

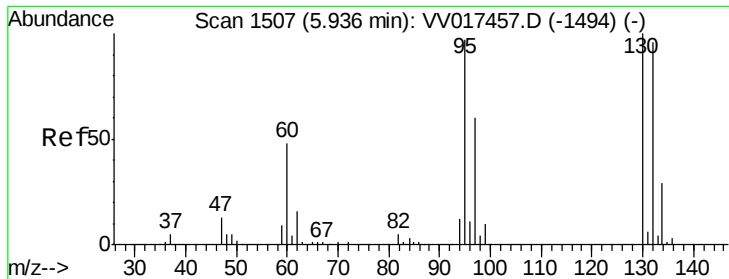
Ion 68.00 (67.70 to 68.70): VV0

3.94

3.85 3.90 3.95 4.00

Time-->

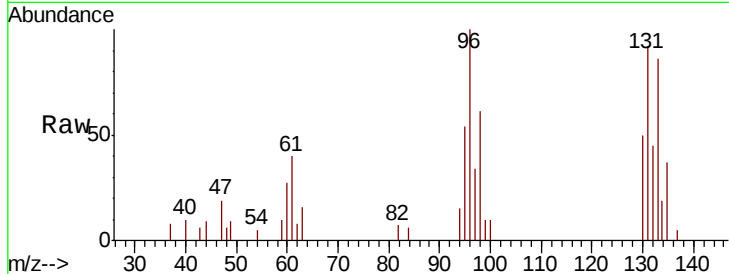




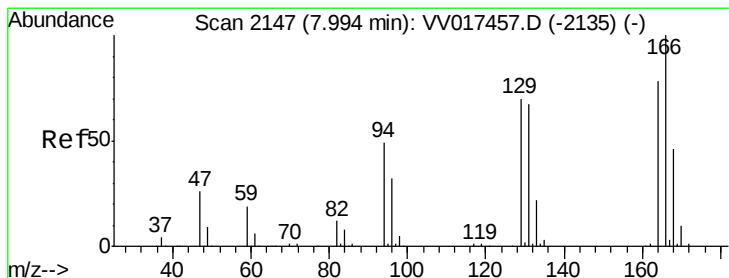
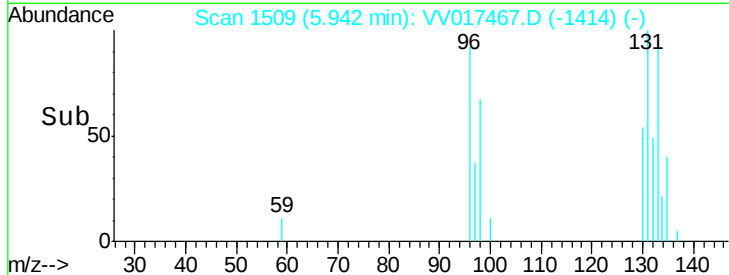
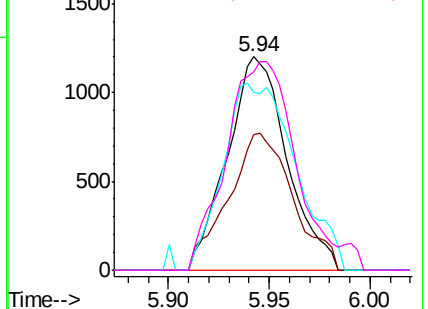
#34
 Trichloroethene
 Concen: 1.345 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV017467.D
 Acq: 13 Jul 2020 14:03

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 2491
 Ion Ratio Lower Upper
 95 100
 97 63.4 45.6 84.6
 132 83.2 74.1 137.5
 130 92.8 75.5 140.3

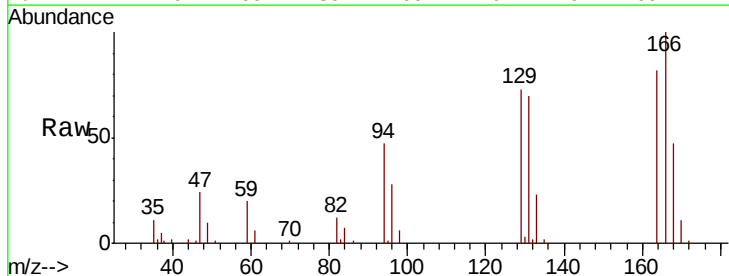


Abundance Ion 95.00 (94.70 to 95.70): VV017467.D (-1494) (-)
 Ion 97.00 (96.70 to 97.70): VV017467.D (-1494) (-)
 Ion 132.00 (131.70 to 132.70): VV017467.D (-1494) (-)
 Ion 130.00 (129.70 to 130.70): VV017467.D (-1494) (-)

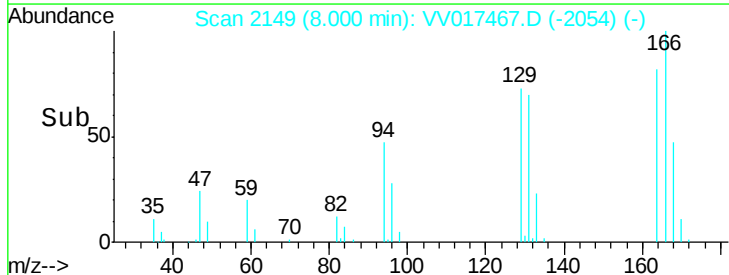
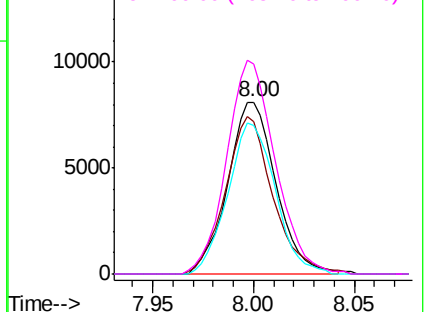


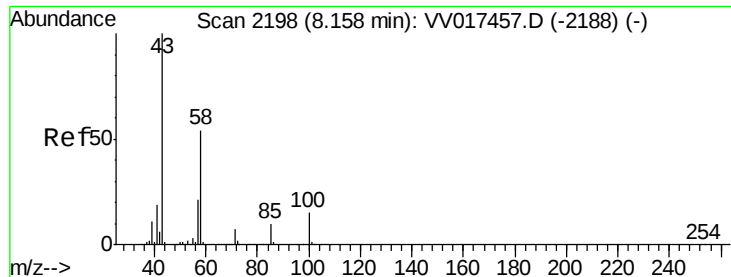
#46
 Tetrachloroethene
 Concen: 8.725 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: VV017467.D
 Acq: 13 Jul 2020 14:03

Tgt Ion: 164 Resp: 13570
 Ion Ratio Lower Upper
 164 100
 129 88.8 66.6 123.8
 131 86.3 65.5 121.7
 166 122.5 93.9 174.5



Abundance Ion 164.00 (163.70 to 164.70): VV017467.D (-2054) (-)
 Ion 129.00 (128.70 to 129.70): VV017467.D (-2054) (-)
 Ion 131.00 (130.70 to 131.70): VV017467.D (-2054) (-)
 Ion 166.00 (165.70 to 166.70): VV017467.D (-2054) (-)

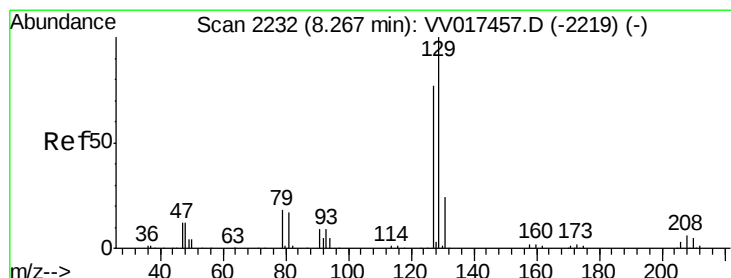
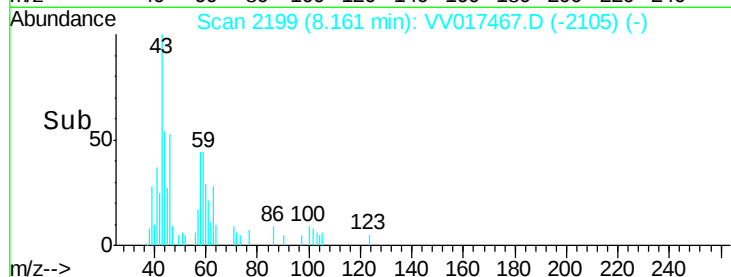
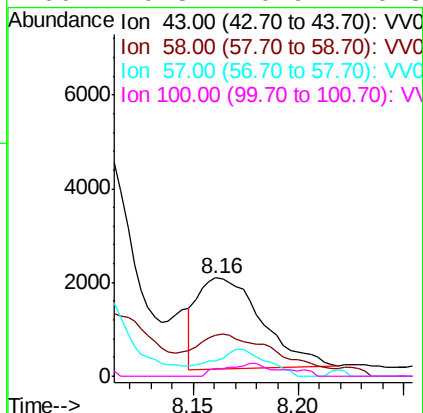
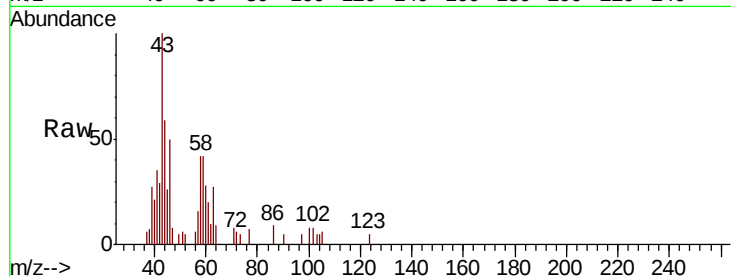




#48
2-Hexanone
Concen: 2.397 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV017467.D
Acq: 13 Jul 2020 14:03

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 4095
Ion Ratio Lower Upper
43 100
58 43.9 42.6 64.0
57 24.8 16.2 24.4#
100 9.8 10.9 16.3#



#49
Dibromochloromethane
Concen: 5.795 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017467.D
Acq: 13 Jul 2020 14:03

Tgt Ion: 129 Resp: 11968
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#

