

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016817.D
 Acq On : 11 Jun 2020 11:23
 Operator : SY/MD
 Sample : L2929-02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:30:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	341712	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	323186	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	156821	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99571	41.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.60%
7) Chloroethane-d5	1.56	69	69887	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.12	63	137773	34.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.06%
21) 2-Butanone-d5	3.89	46	175762	98.49	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.49%
24) Chloroform-d	4.37	84	222338	45.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.70%
26) 1,2-Dichloroethane-d4	5.05	65	158491	47.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.06%
32) Benzene-d6	5.07	84	428709	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.04%
36) 1,2-Dichloropropane-d6	6.09	67	133586	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.00%
41) Toluene-d8	7.34	98	384632	44.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.98%
43) trans-1,3-Dichloropropene-	7.64	79	66741	44.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.26%
47) 2-Hexanone-d5	8.11	63	107732	85.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.09%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	179685	46.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.48%
64) 1,2-Dichlorobenzene-d4	11.65	152	165656	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

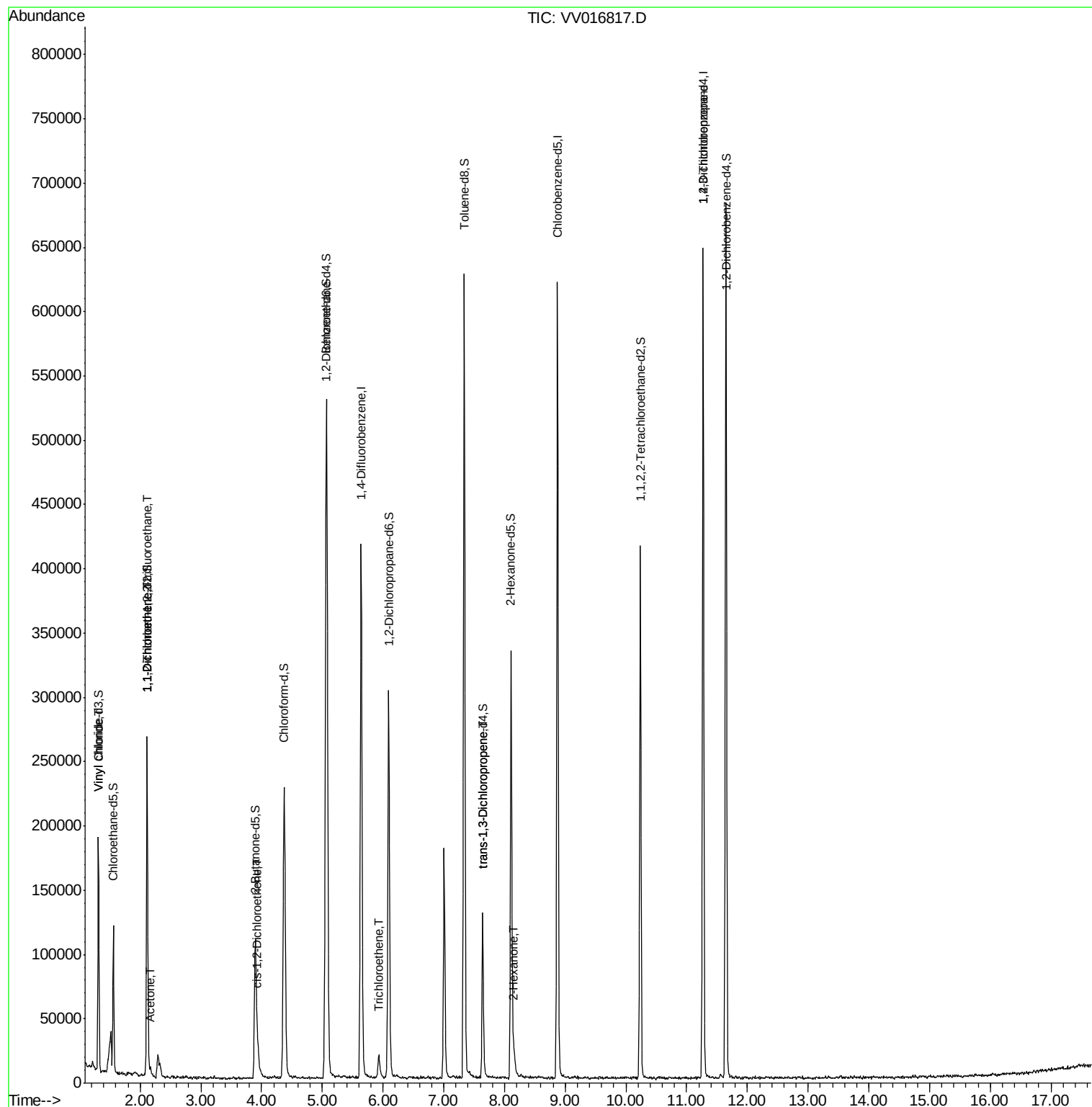
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	17498	7.182	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1245	0.685	ug/L #	20
12) 1,1-Dichloroethene	2.11	96	1223	0.721	ug/L #	1
13) Acetone	2.17	43	5651	4.806	ug/L	87
20) cis-1,2-Dichloroethene	3.94	96	5114	2.029	ug/L	97
34) Trichloroethene	5.94	95	1928	0.752	ug/L	91
44) trans-1,3-Dichloropropene	7.64	75	3400	0.905	ug/L	89
48) 2-Hexanone	8.16	43	7359	2.693	ug/L #	46
59) 1,2,3-Trichloropropane	11.27	75	19830	6.427	ug/L	94

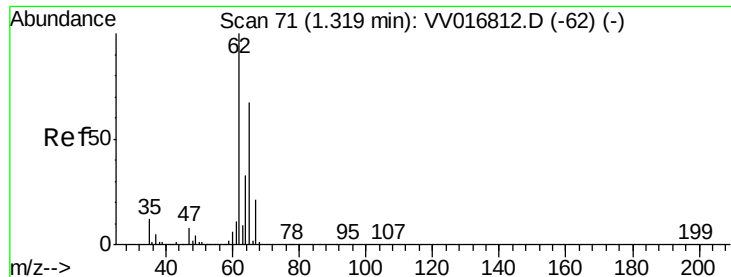
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 7.182 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Instrument :

MSVOA_V

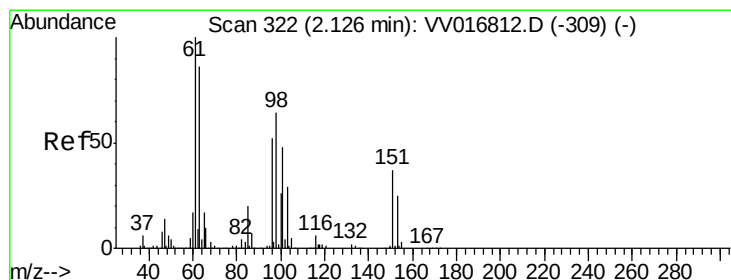
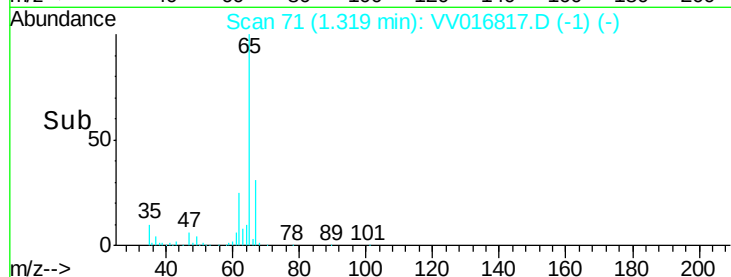
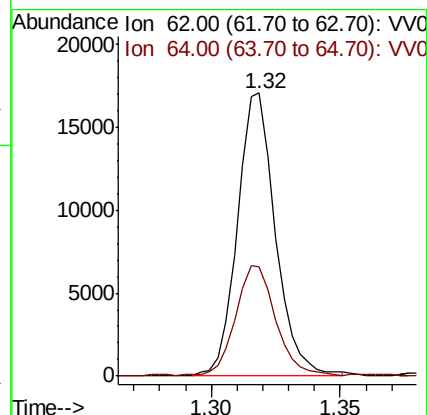
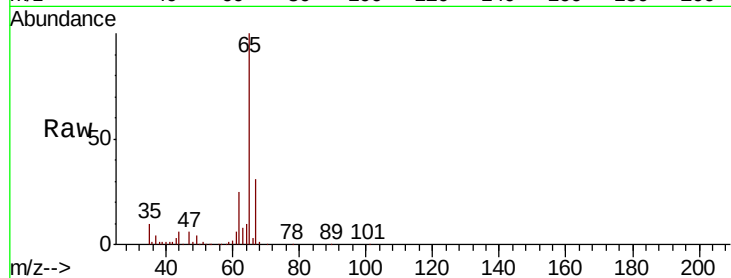
ClientSampleId :

Tot Ion: 62 Resp: 17498

Ion Ratio Lower Upper

62 100

64 38.7 22.3 41.5



#10

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

Concen: 0.685 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

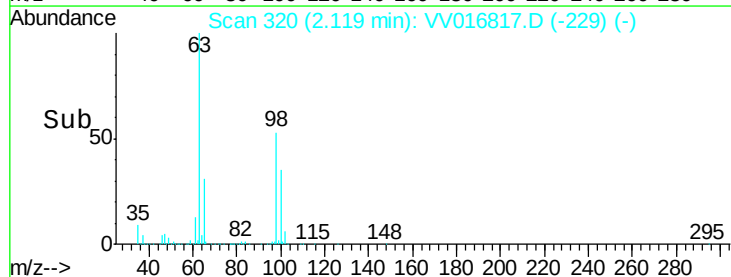
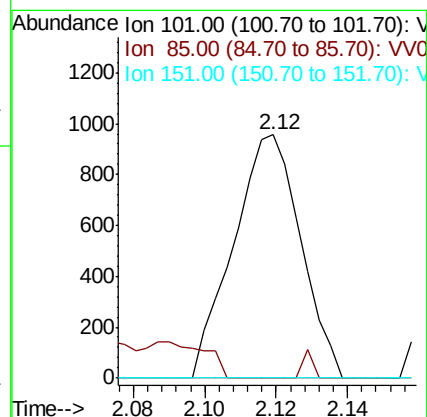
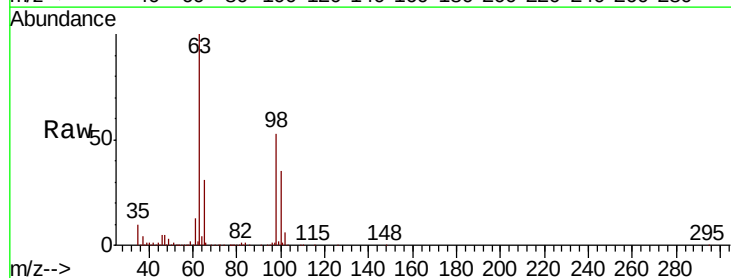
Tgt Ion: 101 Resp: 1245

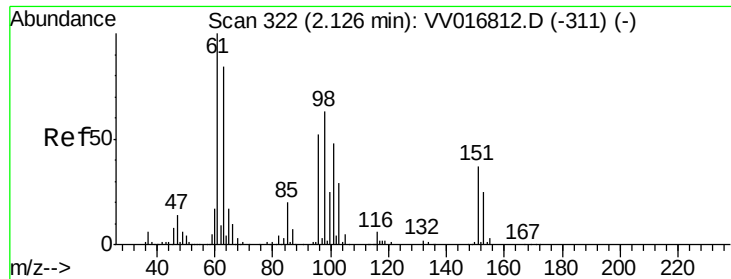
Ion Ratio Lower Upper

101 100

85 4.5 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.721 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Instrument :
MSVOA_V
ClientSampleId :

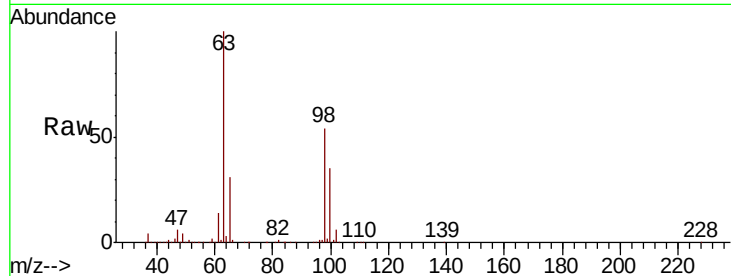
Tot Ion: 96 Resp: 1223

Ion Ratio Lower Upper

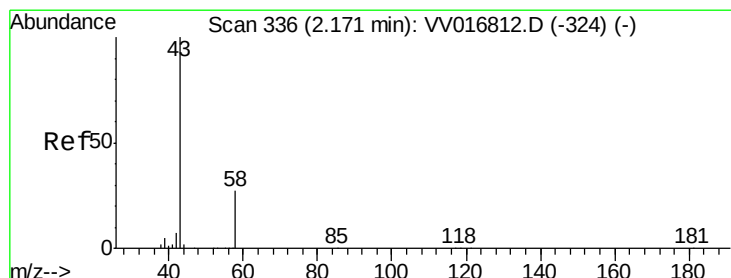
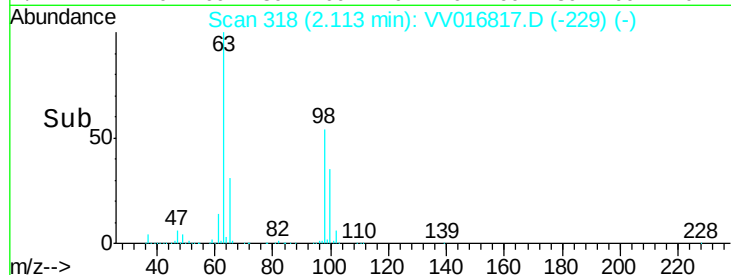
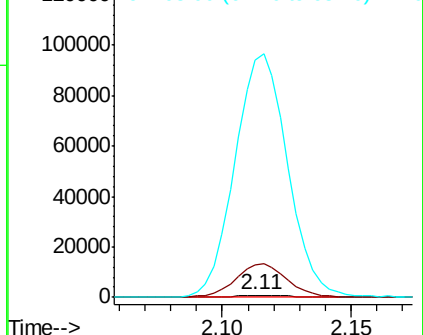
96 100

61 1772.8 130.4 242.2#

63 12810.9 103.3 191.9#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 4.806 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016817.D

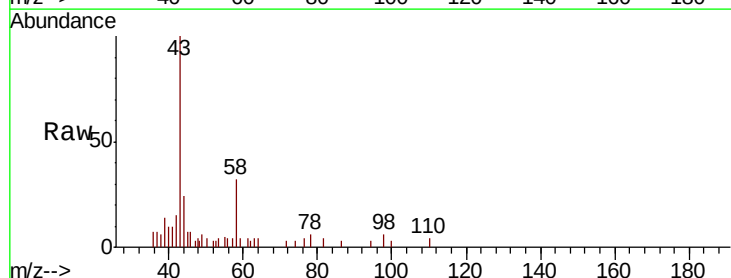
Acq: 11 Jun 2020 11:23

Tgt Ion: 43 Resp: 5651

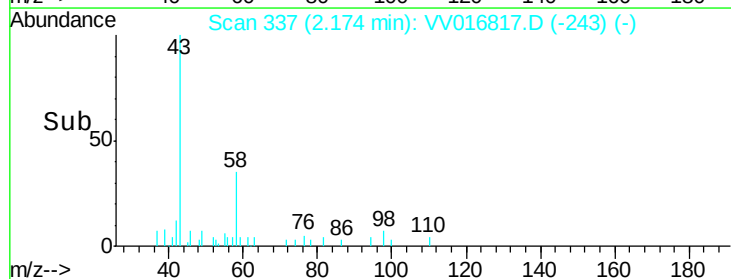
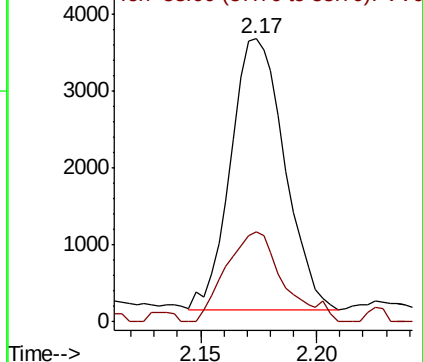
Ion Ratio Lower Upper

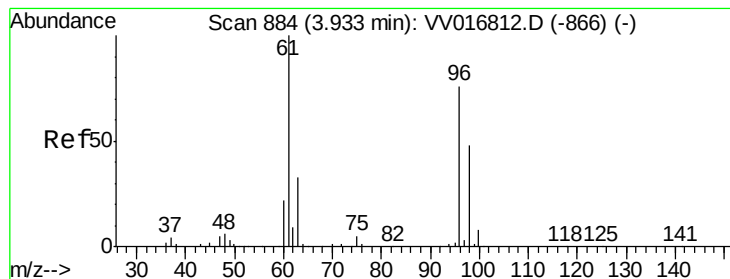
43 100

58 34.2 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 2.029 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Instrument :
MSVOA_V
ClientSampled :

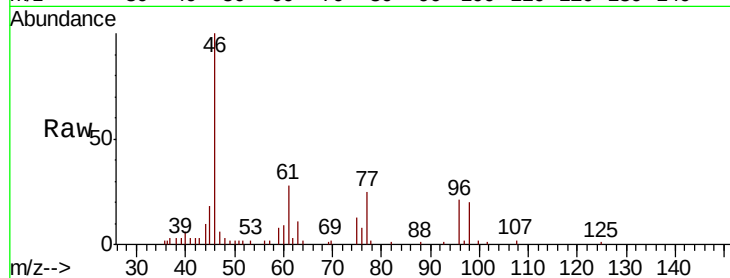
Tot Ion: 96 Resp: 5114

Ion Ratio Lower Upper

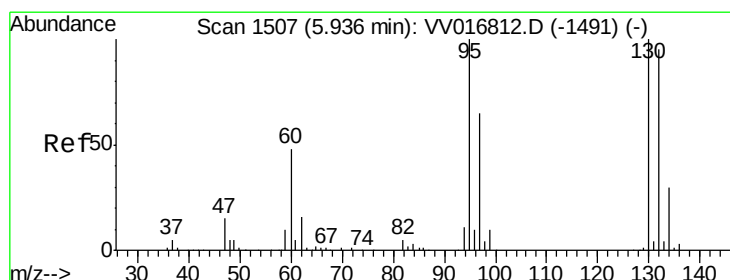
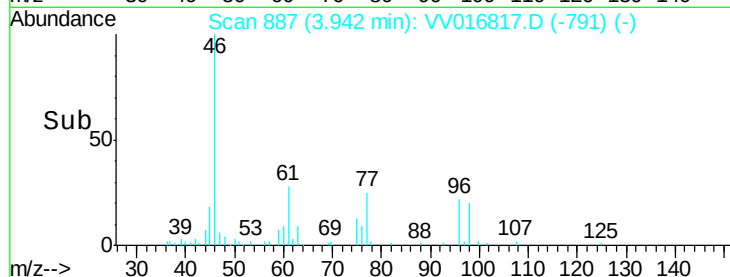
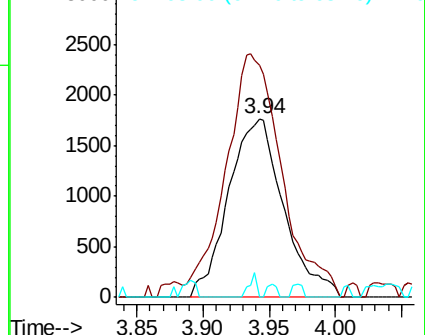
96 100

61 130.3 93.4 173.4

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



#34

Trichloroethene

Concen: 0.752 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Tgt Ion: 95 Resp: 1928

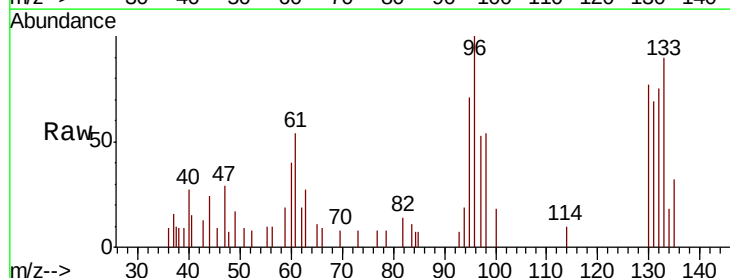
Ion Ratio Lower Upper

95 100

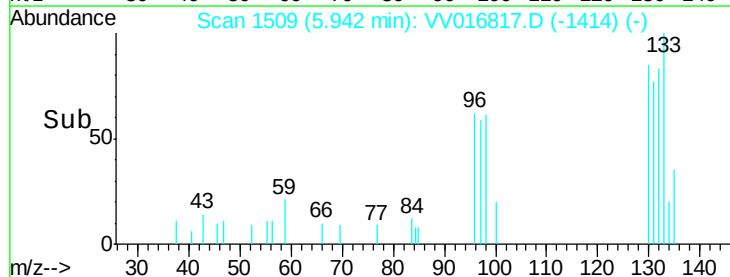
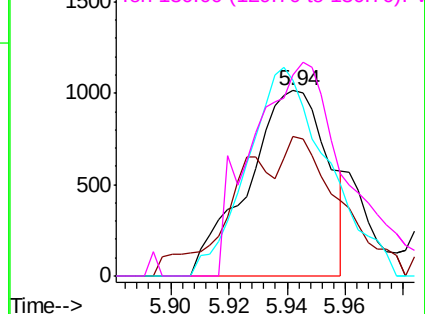
97 75.0 44.3 82.3

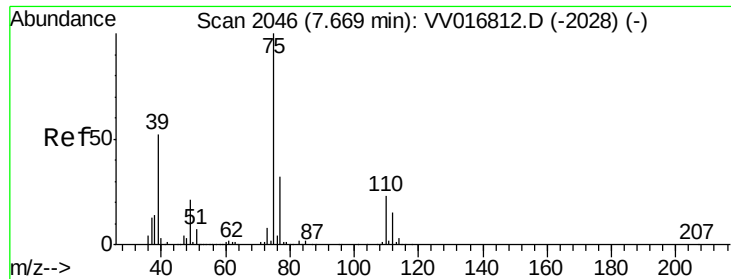
132 105.8 67.9 126.1

130 108.3 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): VV0
Ion 130.00 (129.70 to 130.70): VV0





#44

trans-1,3-Dichloropropene

Concen: 0.905 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Instrument :

MSVOA_V

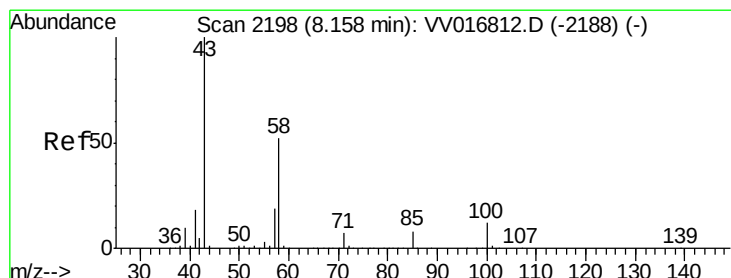
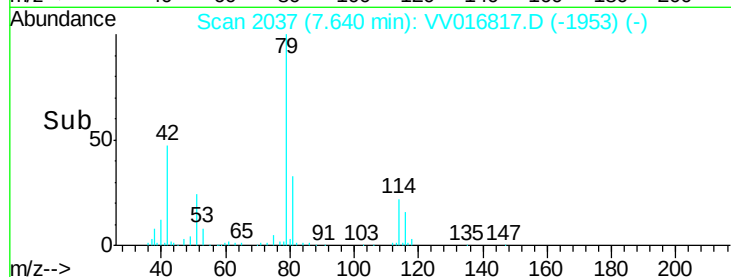
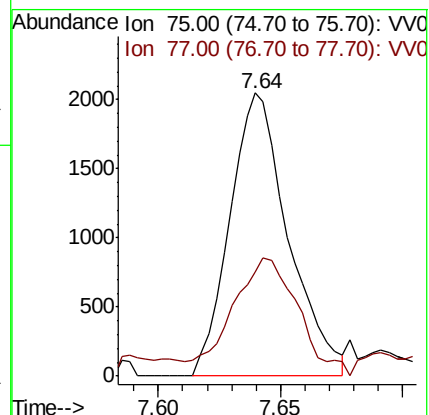
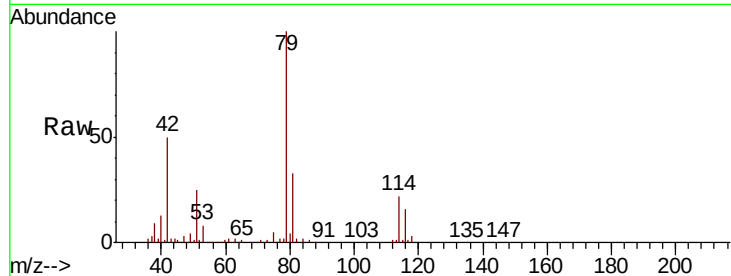
ClientSampleId :

Tot Ion: 75 Resp: 3400

Ion Ratio Lower Upper

75 100

77 36.9 21.7 40.3



#48

2-Hexanone

Concen: 2.693 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV016817.D

Acq: 11 Jun 2020 11:23

Tgt Ion: 43 Resp: 7359

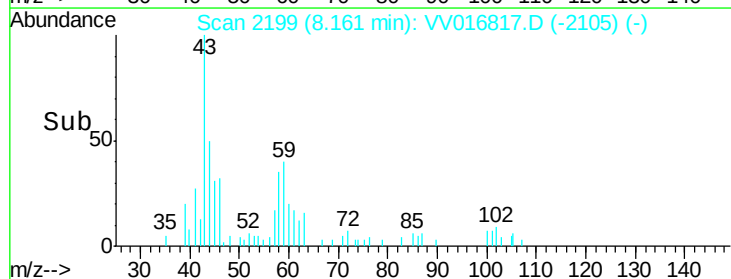
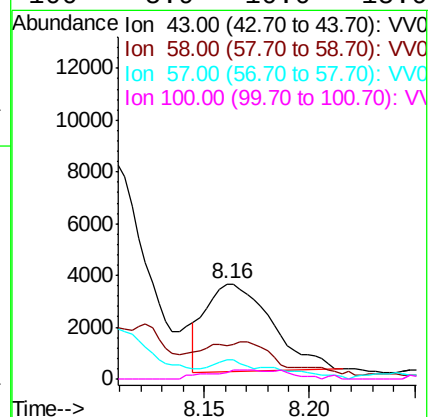
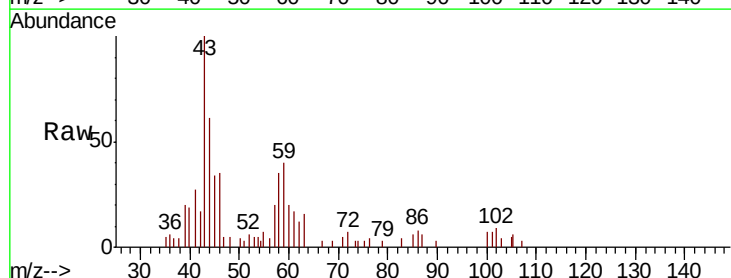
Ion Ratio Lower Upper

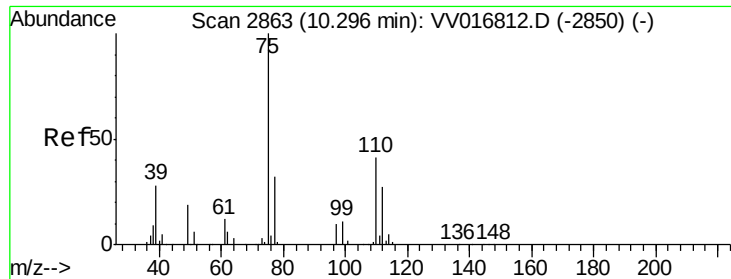
43 100

58 2.1 43.1 64.7#

57 7.6 15.3 22.9#

100 5.9 10.0 15.0#





#59
 1,2,3-Trichloropropane
 Concen: 6.427 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV016817.D
 Acq: 11 Jun 2020 11:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 19830
 Ion Ratio Lower Upper
 75 100
 77 36.2 26.1 39.1

