

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060820\
 Data File : VV016695.D
 Acq On : 09 Jun 2020 05:41
 Operator : SY/MD
 Sample : L2901-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS9

Quant Time: Jun 09 06:08:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 09 03:40:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	327769	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	314506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166989	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96831	41.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.74%
7) Chloroethane-d5	1.55	69	59254	42.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.40%
11) 1,1-Dichloroethene-d2	2.11	63	124189	31.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.96%
21) 2-Butanone-d5	3.89	46	214269	125.17	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.17%
24) Chloroform-d	4.37	84	217632	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.05	65	157587	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.07	84	421788	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.09	67	135914	48.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.18%
41) Toluene-d8	7.34	98	376187	45.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.44%
43) trans-1,3-Dichloropropene-	7.64	79	64781	44.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.02%
47) 2-Hexanone-d5	8.11	63	150345	122.03	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.03%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	196676	52.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.14%
64) 1,2-Dichlorobenzene-d4	11.65	152	174571	48.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.98%

Target Compounds

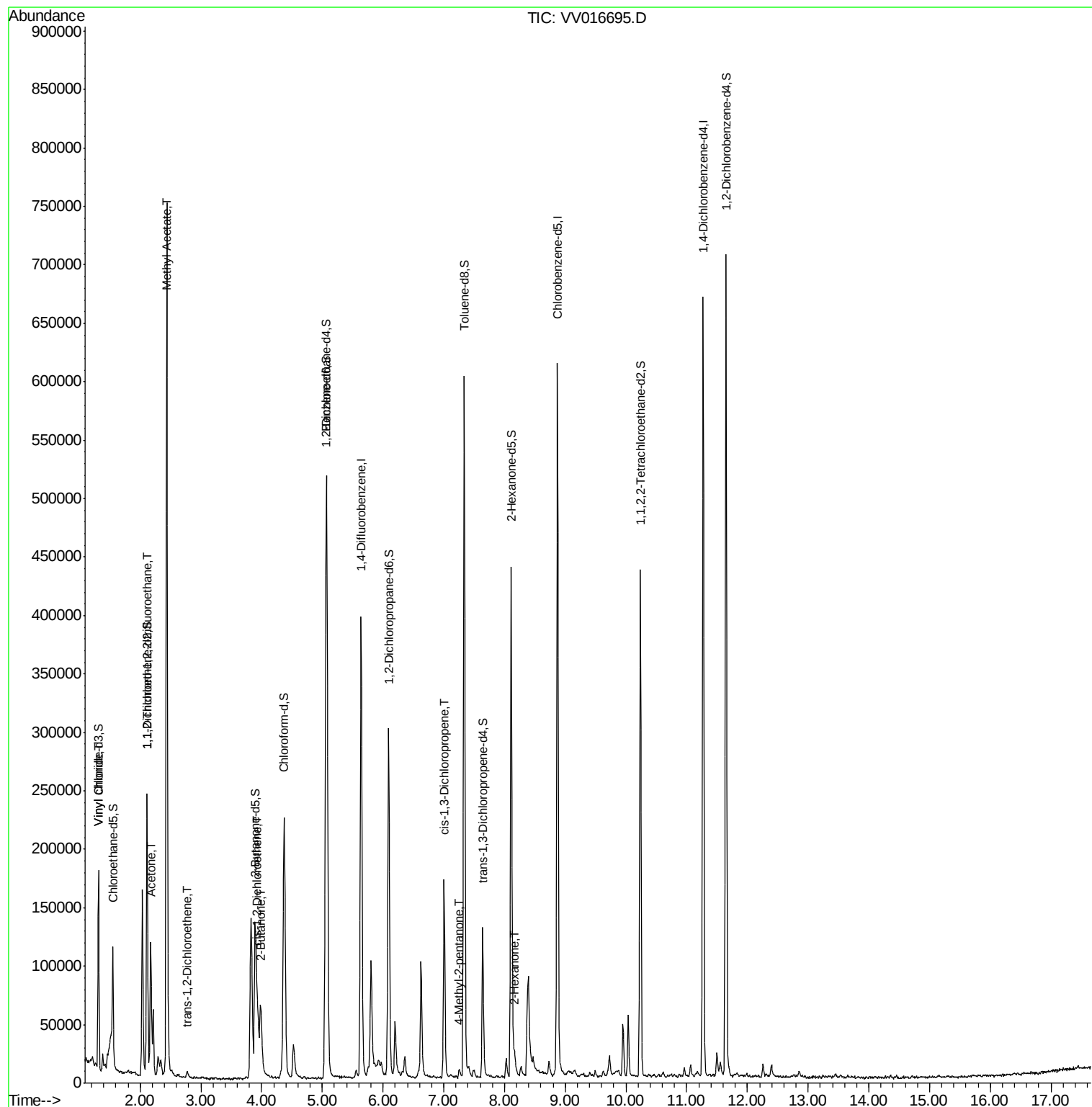
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	6775	2.899	ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1262	0.724	ug/L #	21
13) Acetone	2.17	43	118422	104.997	ug/L	98
15) Methyl Acetate	2.44	43	789172	313.930	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	1782	0.803	ug/L	83
20) cis-1,2-Dichloroethene	3.94	96	20673	8.549	ug/L	95
22) 2-Butanone	3.98	43	103275	59.379	ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	4962	1.320	ug/L	85
40) 4-Methyl-2-pentanone	7.25	43	5304	1.547	ug/L #	72
48) 2-Hexanone	8.16	43	8685	3.267	ug/L #	45

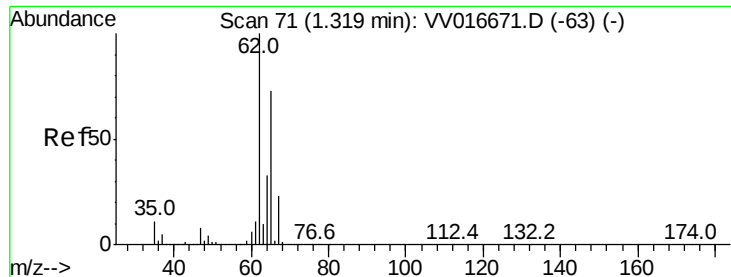
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 09 03:40:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.899 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

Instrument :

MSVOA_V

ClientSampleId :

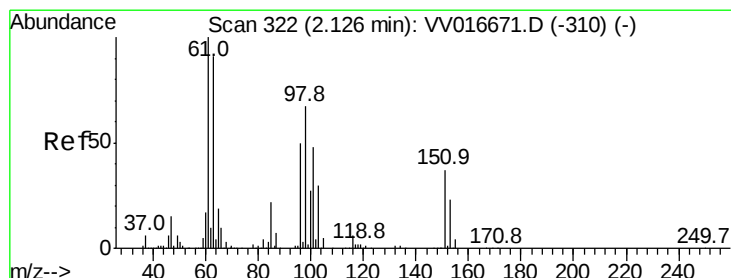
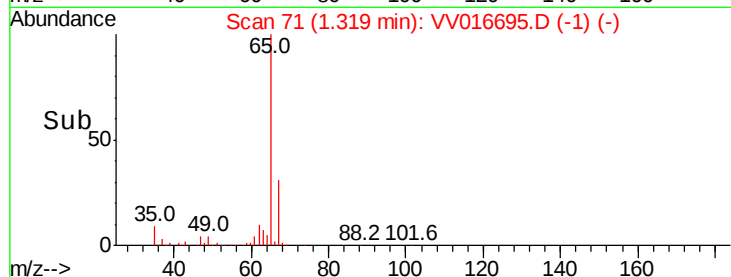
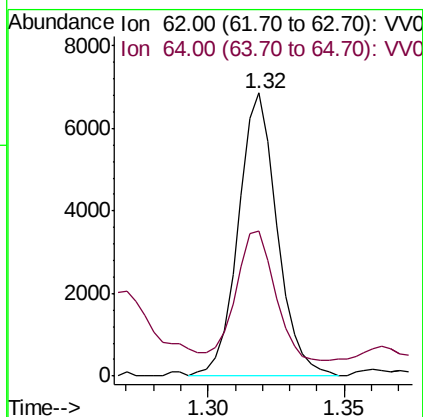
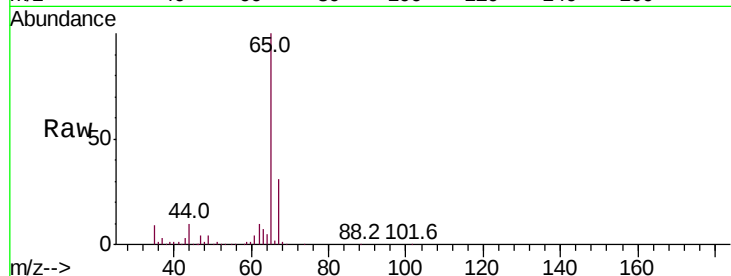
ETTS9

Tot Ion: 62 Resp: 6775

Ion Ratio Lower Upper

62 100

64 51.4 22.3 41.5#



#10

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

Concen: 0.724 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

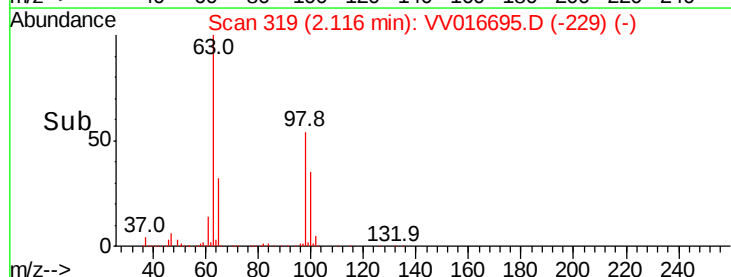
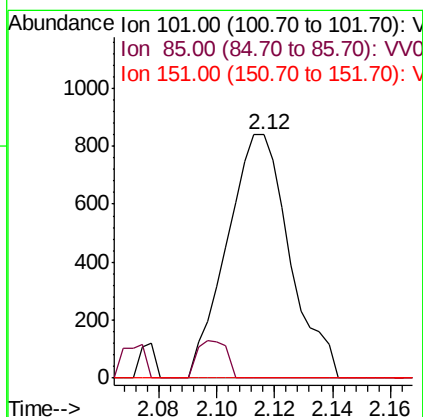
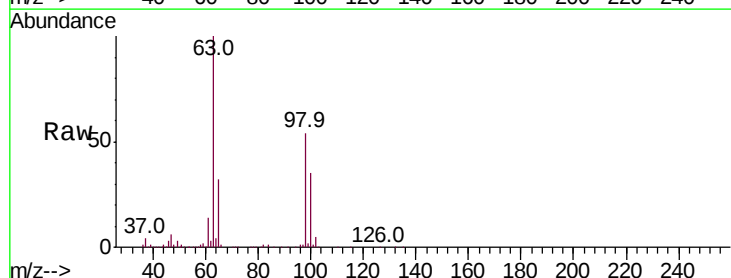
Tgt Ion: 101 Resp: 1262

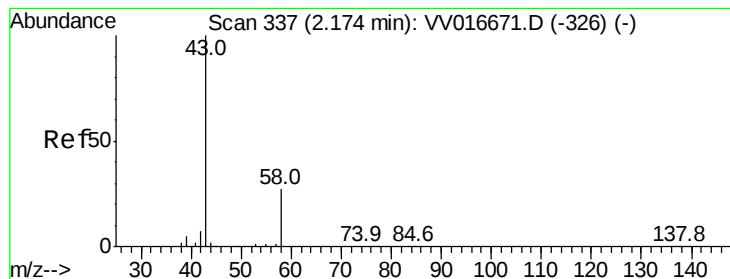
Ion Ratio Lower Upper

101 100

85 7.3 35.5 53.3#

151 0.0 63.9 95.9#





#13

Acetone

Concen: 104.997 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

Instrument :

MSVOA_V

ClientSampleId :

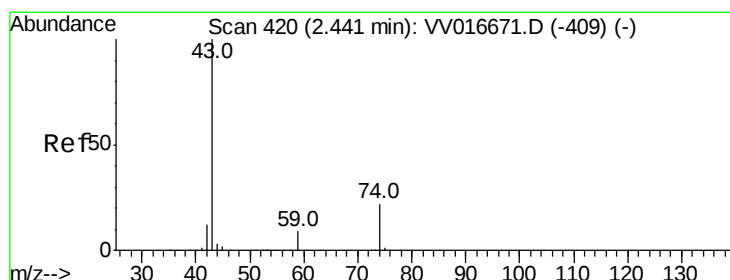
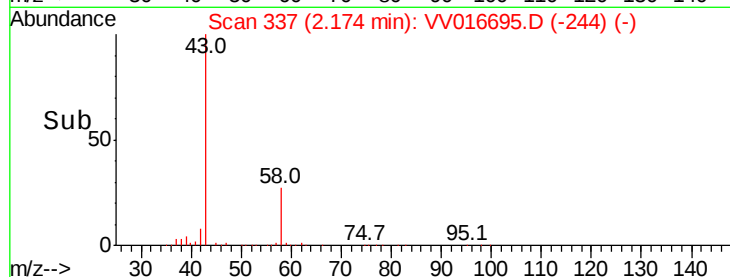
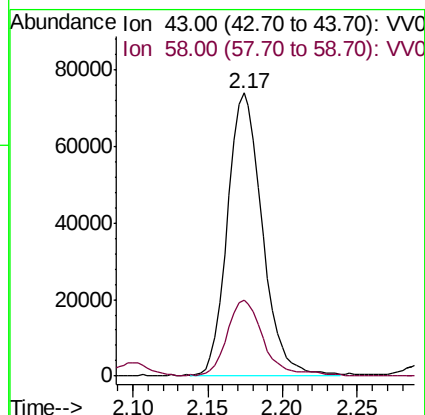
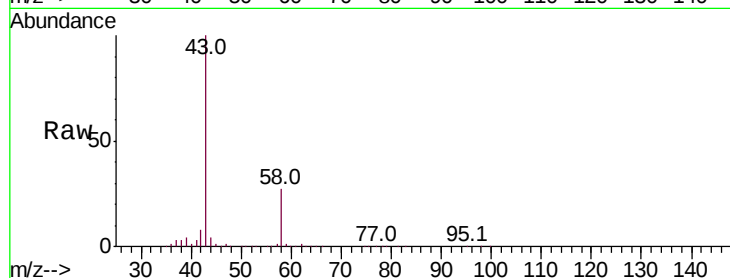
ETTS9

Tot Ion: 43 Resp: 118422

Ion Ratio Lower Upper

43 100

58 26.6 0.0 55.2



#15

Methyl Acetate

Concen: 313.930 ug/L

RT: 2.44 min Scan# 419

Delta R.T. -0.00 min

Lab File: VV016695.D

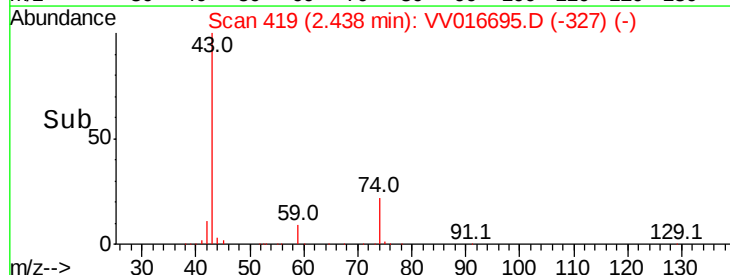
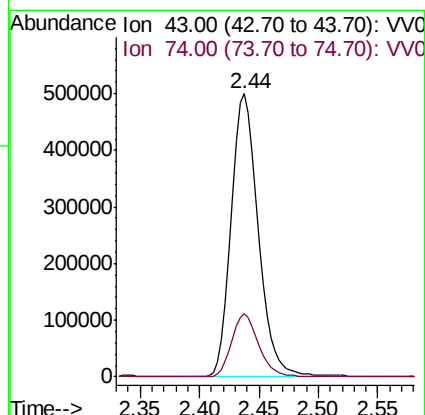
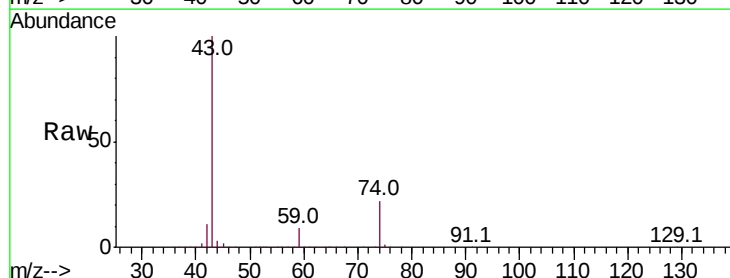
Acq: 09 Jun 2020 05:41

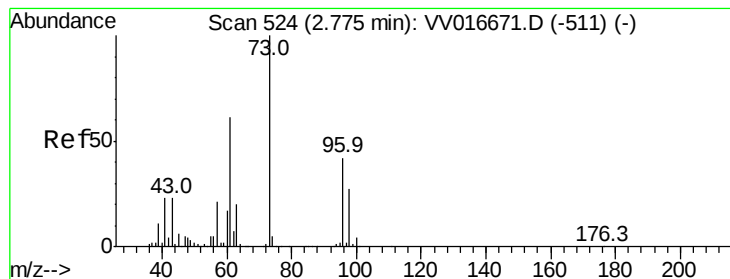
Tgt Ion: 43 Resp: 789172

Ion Ratio Lower Upper

43 100

74 22.2 17.9 26.9





#17

trans-1,2-Dichloroethene

Concen: 0.803 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

Instrument :

MSVOA_V

ClientSampleId :

ETTS9

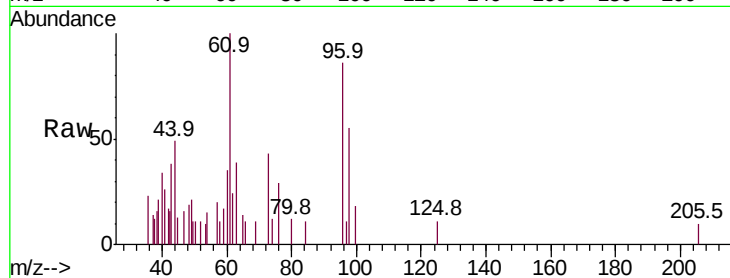
Tot Ion: 96 Resp: 1782

Ion Ratio Lower Upper

96 100

61 116.8 102.9 191.1

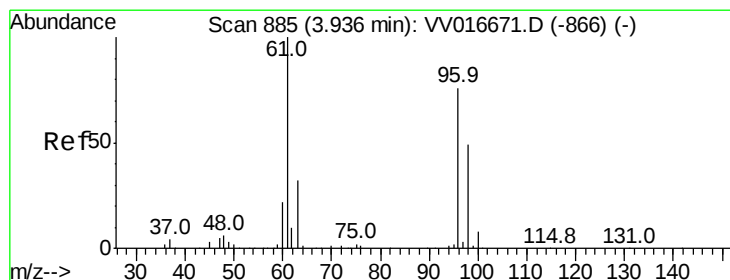
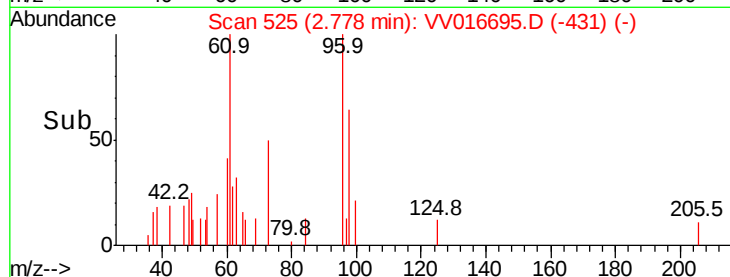
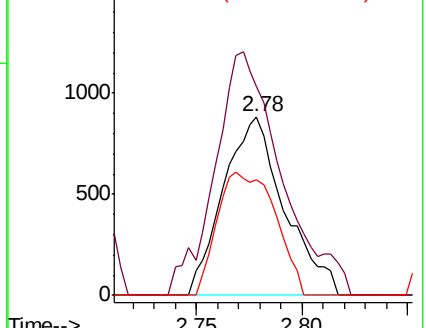
98 64.4 45.5 84.5



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 8.549 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

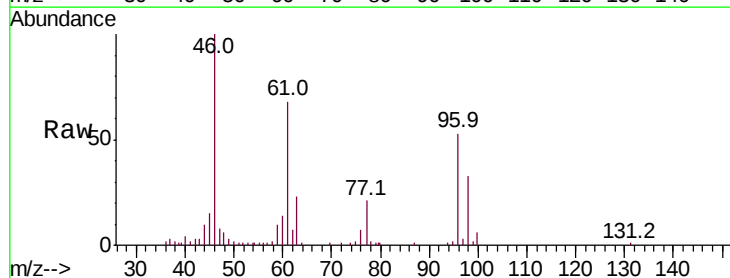
Tgt Ion: 96 Resp: 20673

Ion Ratio Lower Upper

96 100

61 127.7 93.4 173.4

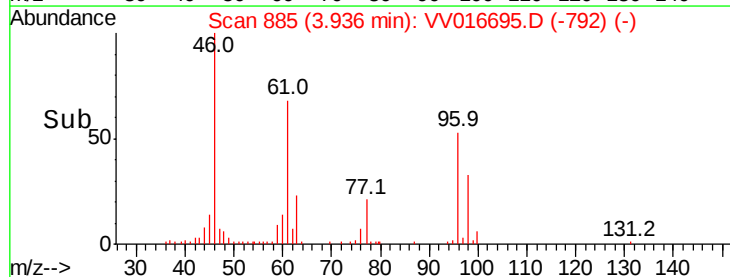
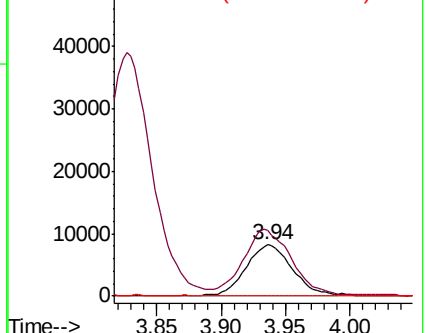
68 0.0 0.0 0.0

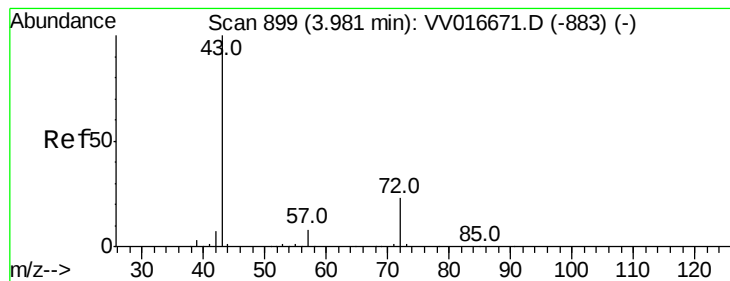


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 59.379 ug/L

RT: 3.98 min Scan# 900

Delta R.T. 0.00 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

Instrument :

MSVOA_V

ClientSampleId :

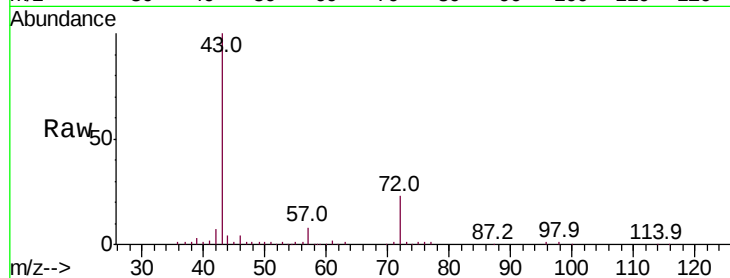
ETTS9

Tot Ion: 43 Resp: 103275

Ion Ratio Lower Upper

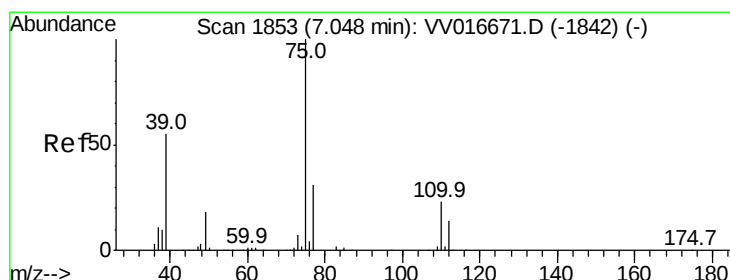
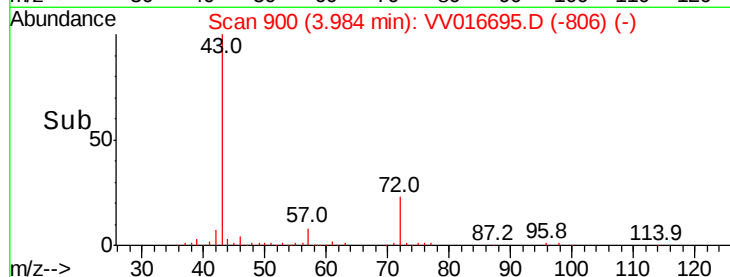
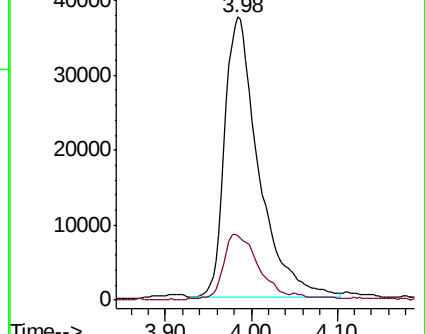
43 100

72 23.1 12.4 37.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0



#39

cis-1,3-Dichloropropene

Concen: 1.320 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016695.D

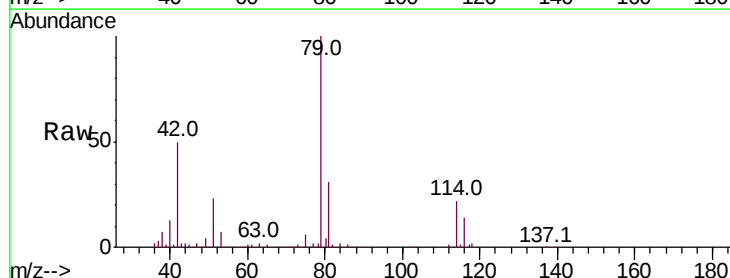
Acq: 09 Jun 2020 05:41

Tgt Ion: 75 Resp: 4962

Ion Ratio Lower Upper

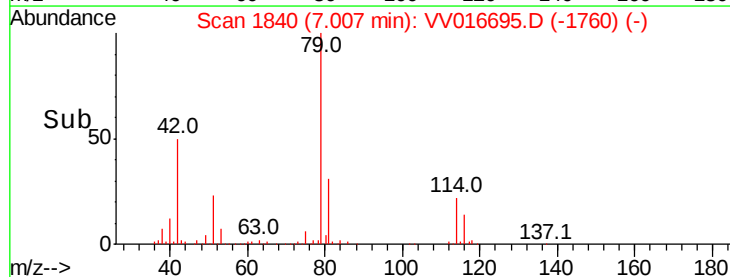
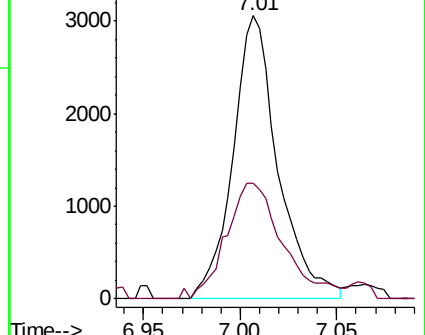
75 100

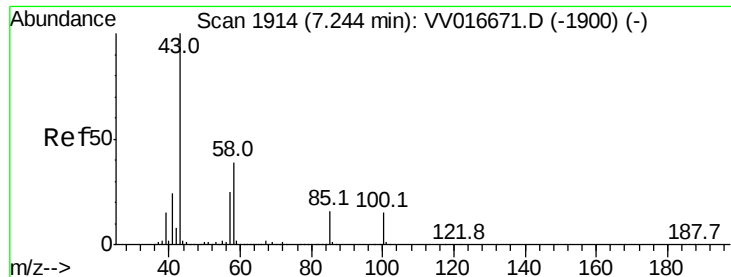
77 40.7 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#40

4-Methyl-2-pentanone

Concen: 1.547 ug/L

RT: 7.25 min Scan# 1917

Delta R.T. 0.01 min

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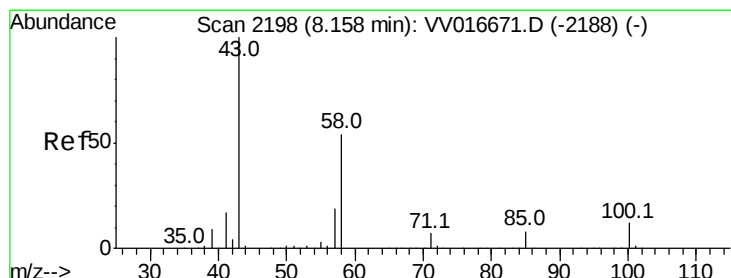
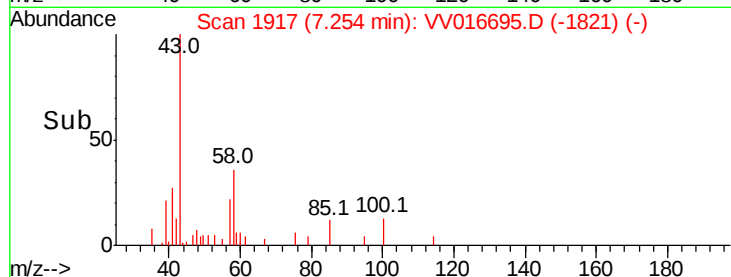
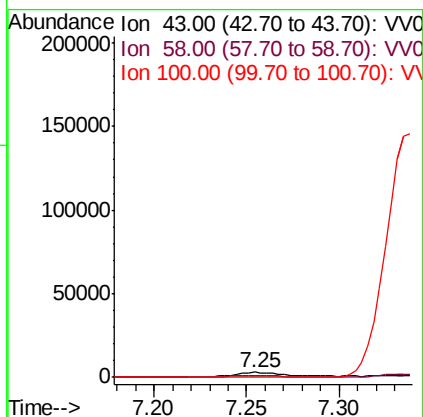
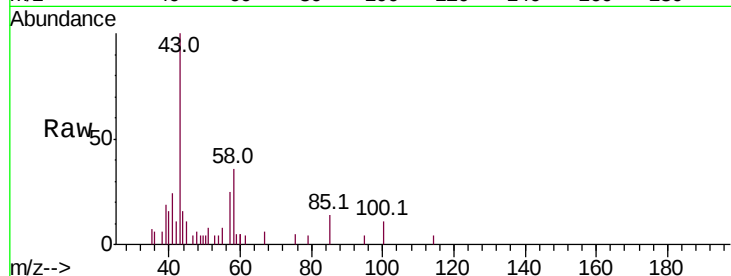
Tot Ion: 43 Resp: 5304

Ion Ratio Lower Upper

43 100

58 21.1 30.2 45.4#

100 3.5 12.3 18.5#



#48

2-Hexanone

Concen: 3.267 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV016695.D

Acq: 09 Jun 2020 05:41

Tgt Ion: 43 Resp: 8685

Ion Ratio Lower Upper

43 100

58 0.0 43.1 64.7#

57 8.4 15.3 22.9#

100 5.6 10.0 15.0#

