

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016713.D
 Acq On : 09 Jun 2020 13:41
 Operator : SY/MD
 Sample : L2901-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTZ0

Quant Time: Jun 10 00:38:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 00:34:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	277602	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	265012	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	125486	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90901	46.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.82%
7) Chloroethane-d5	1.56	69	68445	58.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.46%
11) 1,1-Dichloroethene-d2	2.12	63	131334	39.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.86%
21) 2-Butanone-d5	3.89	46	178260	122.96	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.96%
24) Chloroform-d	4.37	84	222470	55.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.70%
26) 1,2-Dichloroethane-d4	5.05	65	162984	60.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.32%
32) Benzene-d6	5.07	84	431037	56.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.84%
36) 1,2-Dichloropropane-d6	6.09	67	137532	57.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	115.52%
41) Toluene-d8	7.34	98	383391	54.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.38%
43) trans-1,3-Dichloropropene-	7.64	79	67019	54.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.08%
47) 2-Hexanone-d5	8.11	63	107336	103.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.39%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	176910	56.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	112.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	164750	61.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.04%#

Target Compounds

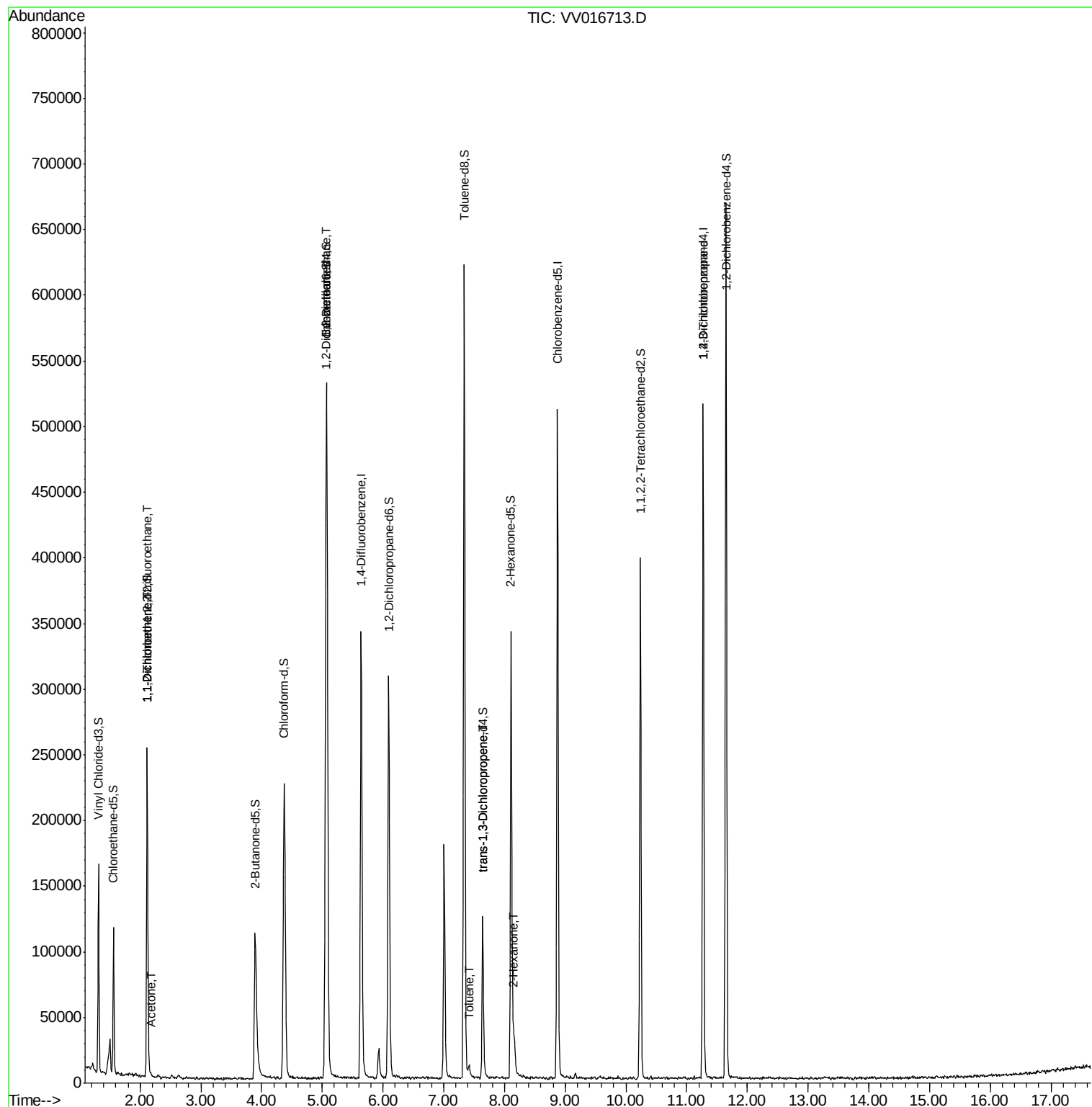
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1204	0.816	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1054	0.765	ug/L #	1
13) Acetone	2.17	43	1368	1.432	ug/L	48
27) 1,2-Dichloroethane	5.07	62	2520	0.827	ug/L	97
42) Toluene	7.41	91	6473	0.783	ug/L	93
44) trans-1,3-Dichloropropene	7.64	75	3469	1.127	ug/L	90
48) 2-Hexanone	8.16	43	17002	7.589	ug/L	90
59) 1,2,3-Trichloropropane	11.27	75	15398	6.086	ug/L	89

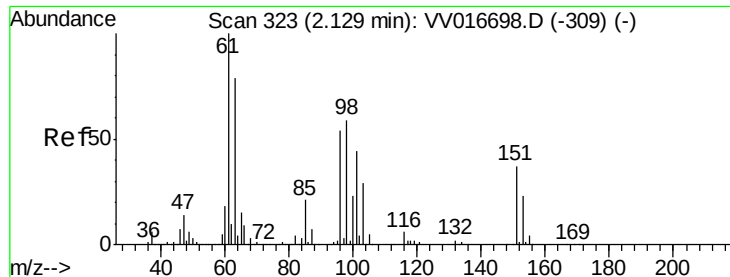
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.816 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016713.D

Acq: 09 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

ETT20

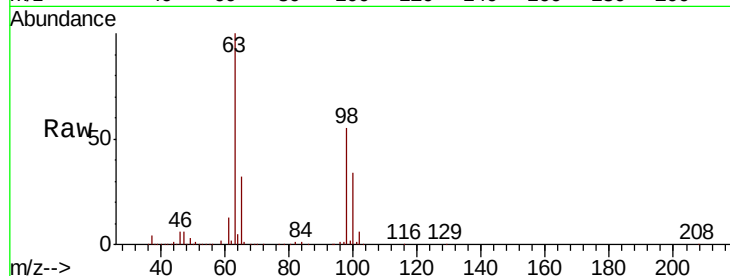
Tot Ion:101 Resp: 1204

Ion Ratio Lower Upper

101 100

85 4.1 35.5 53.3#

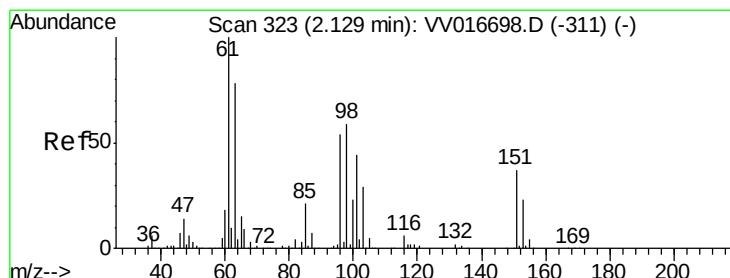
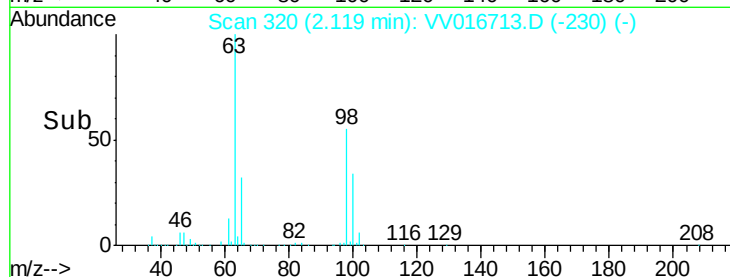
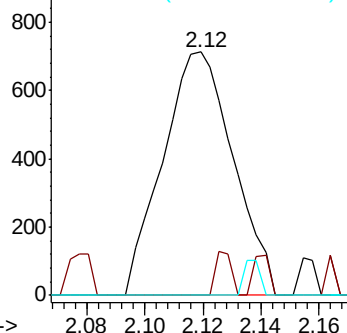
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.765 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016713.D

Acq: 09 Jun 2020 13:41

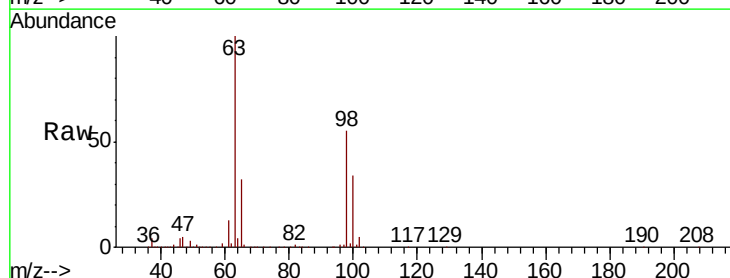
Tgt Ion: 96 Resp: 1054

Ion Ratio Lower Upper

96 100

61 1979.1 130.4 242.2#

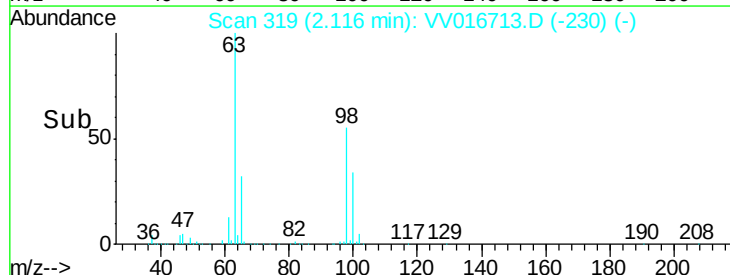
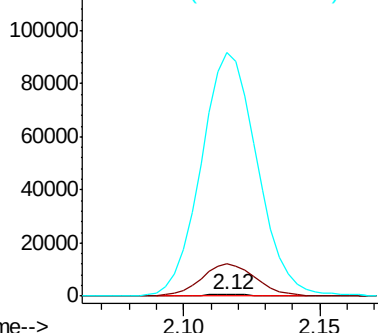
63 15085.5 103.3 191.9#

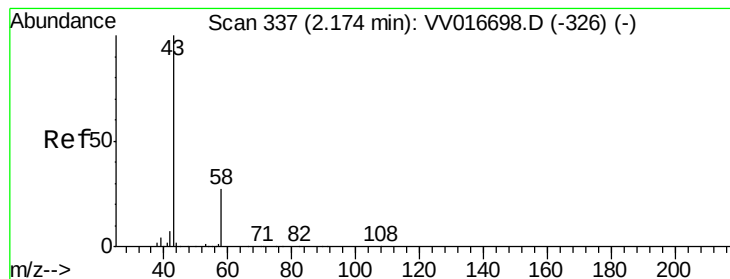


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 1.432 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016713.D

Acq: 09 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

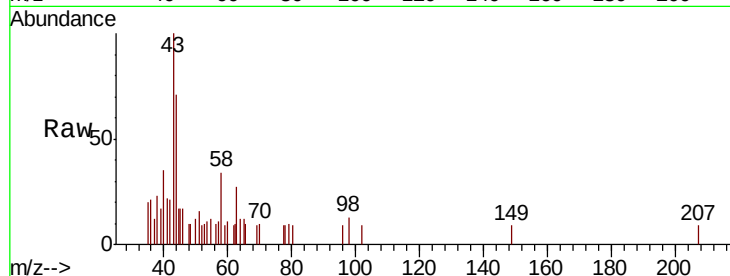
ETT20

Tot Ion: 43 Resp: 1368

Ion Ratio Lower Upper

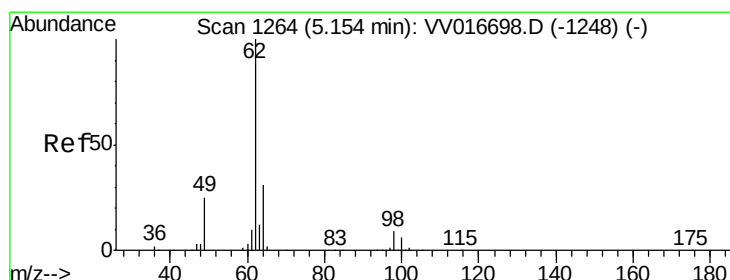
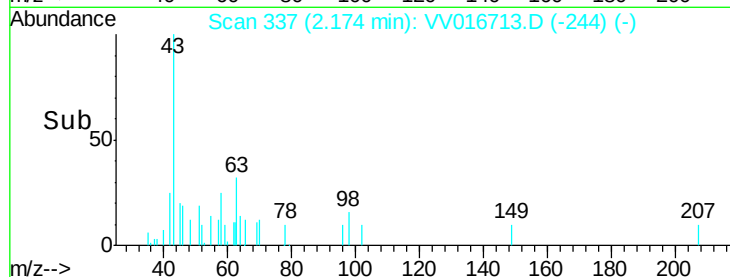
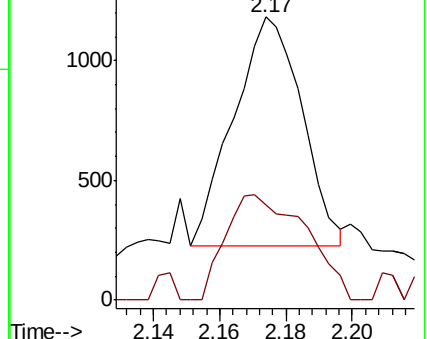
43 100

58 54.5 0.0 55.2



Abundance Ion 43.00 (42.70 to 43.70): VV016698.D (-326) (-)

Ion 58.00 (57.70 to 58.70): VV016698.D (-326) (-)



#27

1,2-Dichloroethane

Concen: 0.827 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV016713.D

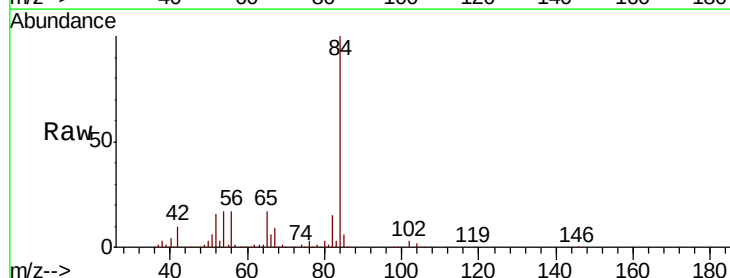
Acq: 09 Jun 2020 13:41

Tgt Ion: 62 Resp: 2520

Ion Ratio Lower Upper

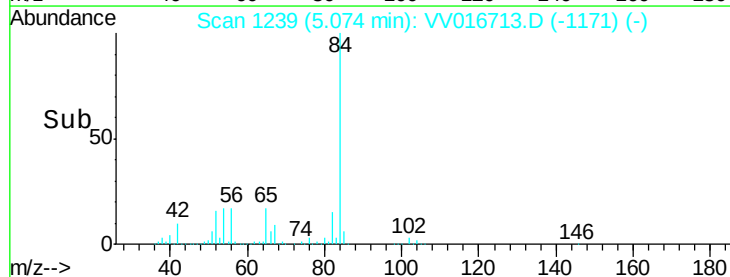
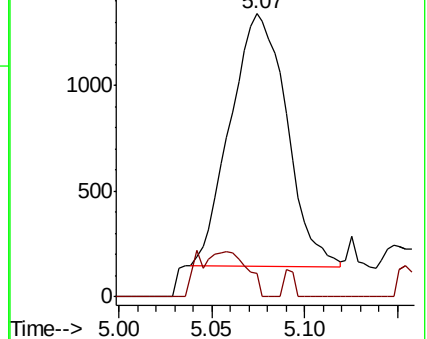
62 100

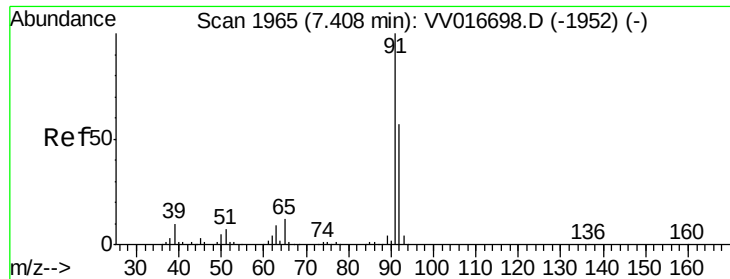
98 8.4 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV016698.D (-1248) (-)

Ion 98.00 (97.70 to 98.70): VV016698.D (-1248) (-)





#42

Toluene

Concen: 0.783 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016713.D

Acq: 09 Jun 2020 13:41

Instrument :

MSVOA_V

ClientSampleId :

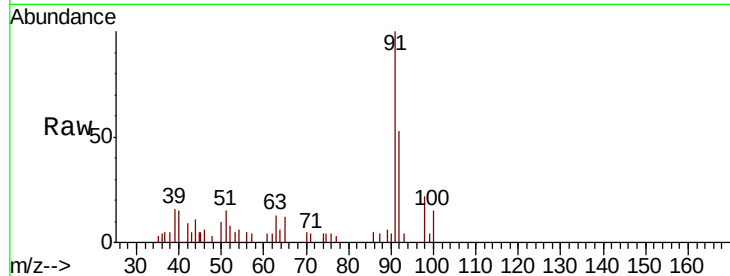
ETT20

Tot Ion: 91 Resp: 6473

Ion Ratio Lower Upper

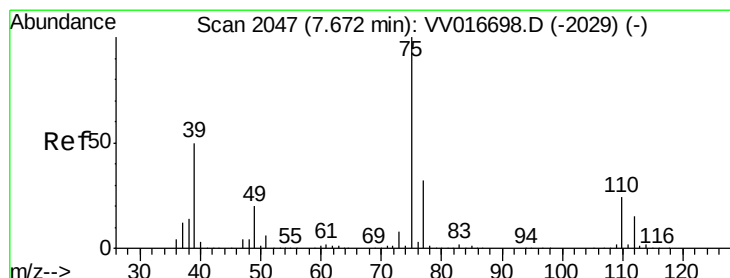
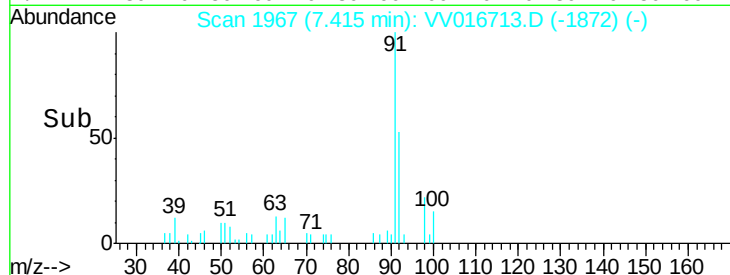
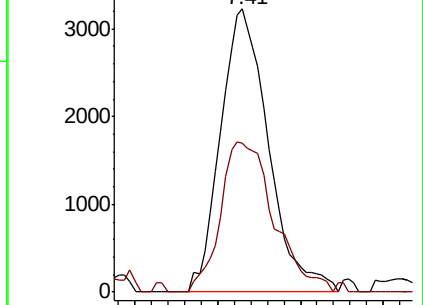
91 100

92 52.5 40.4 75.0



Abundance Ion 91.00 (90.70 to 91.70): VV016698.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV016698.D (-1952) (-)



#44

trans-1,3-Dichloropropene

Concen: 1.127 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016713.D

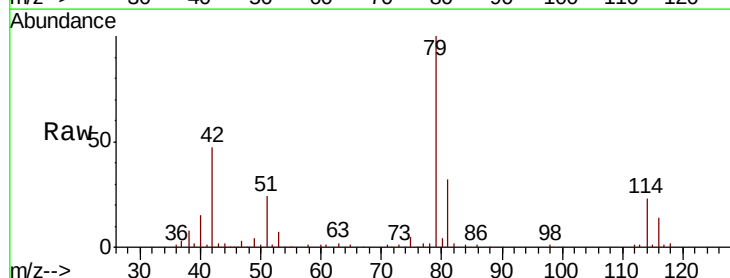
Acq: 09 Jun 2020 13:41

Tgt Ion: 75 Resp: 3469

Ion Ratio Lower Upper

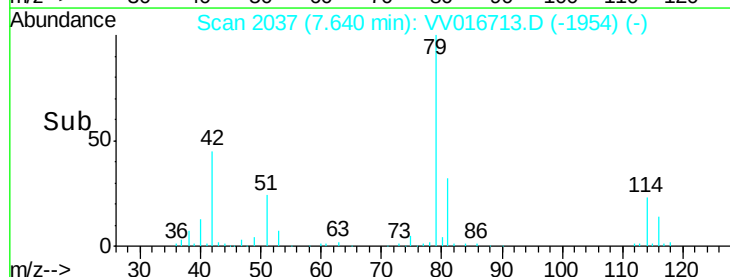
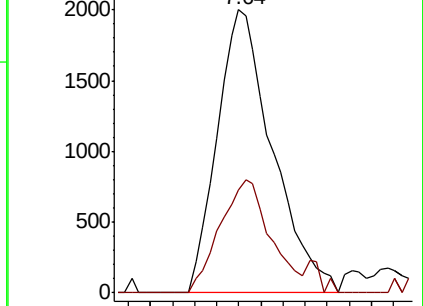
75 100

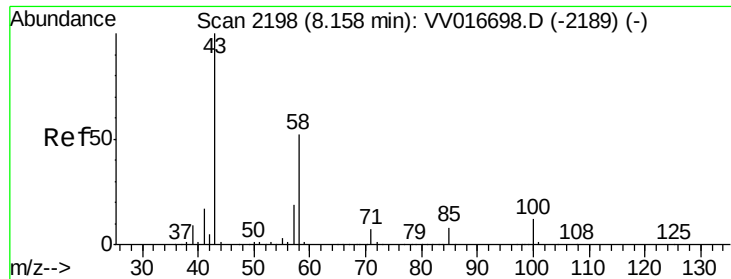
77 36.3 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV016698.D (-2029) (-)

Ion 77.00 (76.70 to 77.70): VV016698.D (-2029) (-)

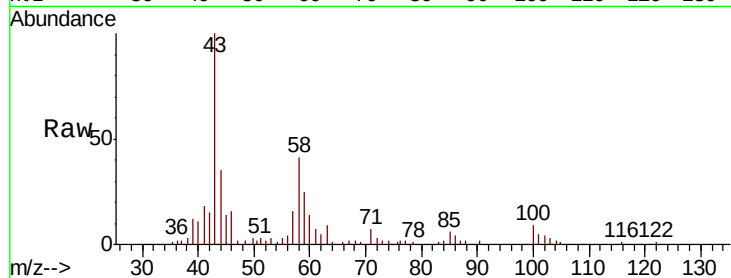




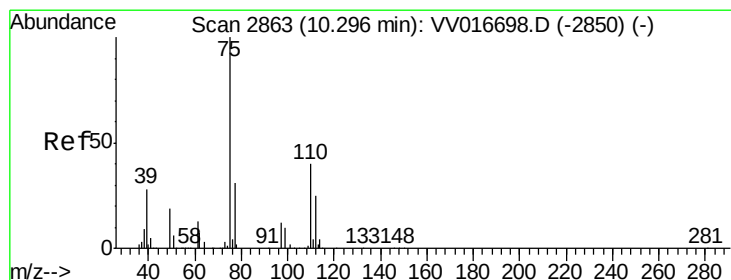
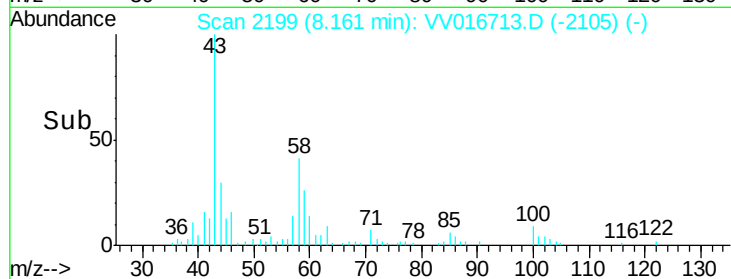
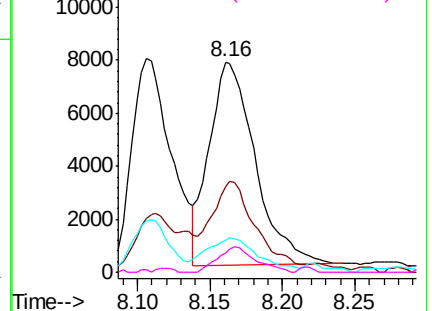
#48
2-Hexanone
Concen: 7.589 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016713.D
Acq: 09 Jun 2020 13:41

Instrument :
MSVOA_V
ClientSampleId :
ETT20

Tot Ion: 43 Resp: 17002
Ion Ratio Lower Upper
43 100
58 43.7 43.1 64.7
57 18.4 15.3 22.9
100 10.2 10.0 15.0

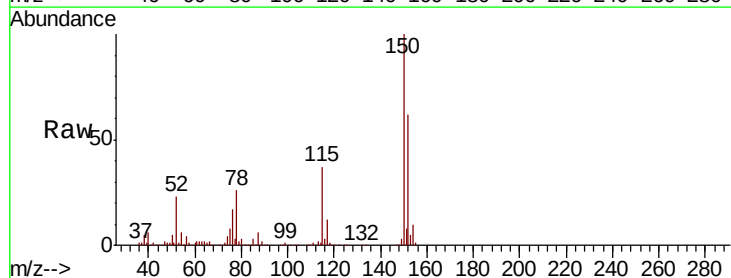


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 6.086 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016713.D
Acq: 09 Jun 2020 13:41

Tgt Ion: 75 Resp: 15398
Ion Ratio Lower Upper
75 100
77 38.9 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

