

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016721.D
 Acq On : 09 Jun 2020 16:49
 Operator : SY/MD
 Sample : VV0609WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Quant Time: Jun 10 03:45:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	362631	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	341344	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	91350	35.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.40%
7) Chloroethane-d5	1.57	69	74217	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.68%
11) 1,1-Dichloroethene-d2	2.12	63	135941	31.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.28%
21) 2-Butanone-d5	3.89	46	185860	98.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.14%
24) Chloroform-d	4.38	84	228124	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	5.05	65	163215	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
32) Benzene-d6	5.07	84	442361	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.92%
36) 1,2-Dichloropropane-d6	6.09	67	142613	46.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.00%
41) Toluene-d8	7.34	98	396710	43.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.88%
43) trans-1,3-Dichloropropene-	7.64	79	66208	41.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.90%
47) 2-Hexanone-d5	8.11	63	124937	93.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.43%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	191873	47.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	169057	47.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.44%

Target Compounds

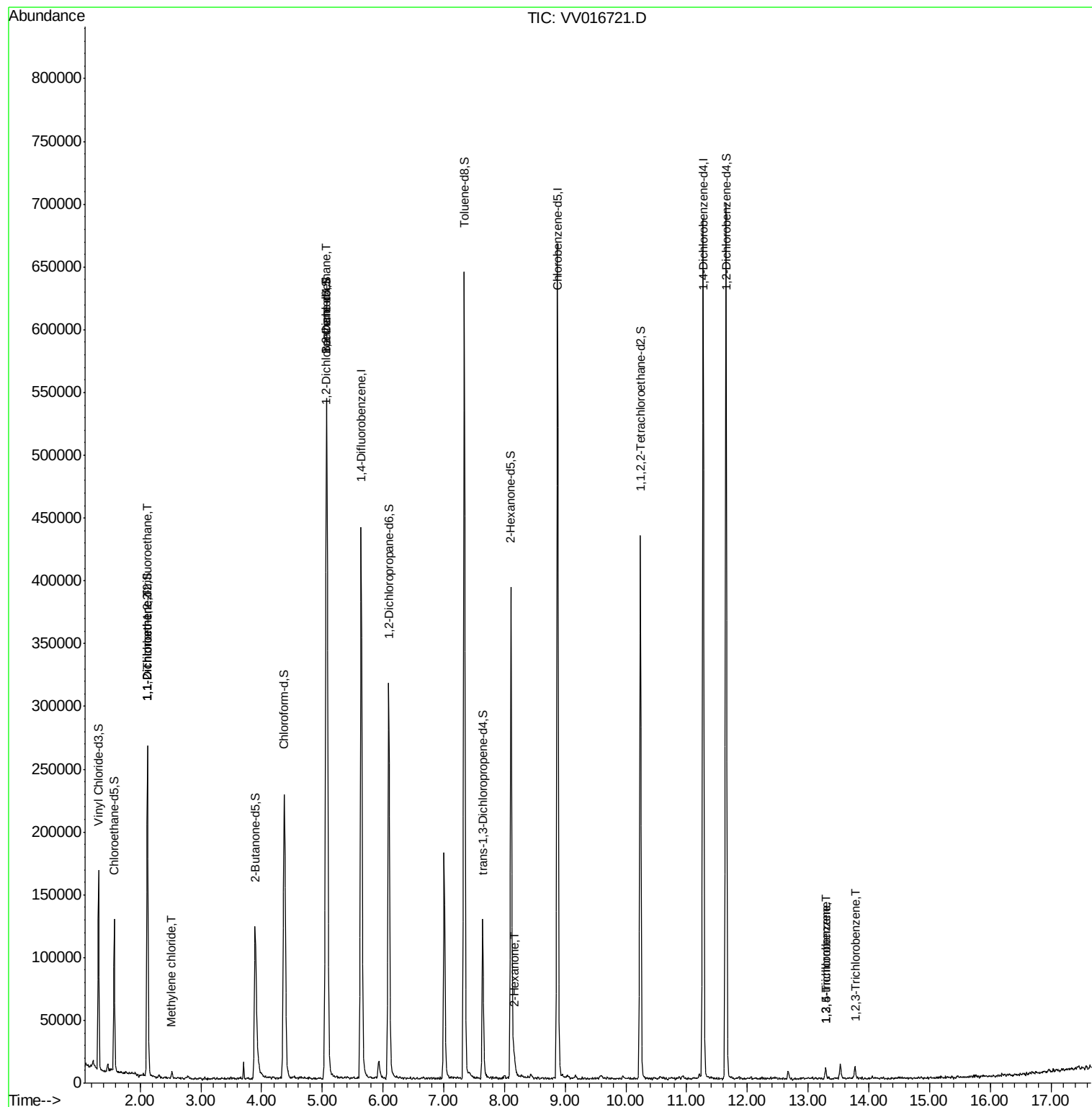
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1542	0.800 ug/L #	27
12) 1,1-Dichloroethene	2.12	96	1377	0.765 ug/L #	1
16) Methylene chloride	2.52	84	1848	0.700 ug/L	95
27) 1,2-Dichloroethane	5.07	62	3441	0.865 ug/L	96
48) 2-Hexanone	8.16	43	8168	2.831 ug/L #	74
67) 1,3,5-Trichlorobenzene	13.29	180	2399	0.605 ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	2399	0.660 ug/L	90
70) 1,2,3-Trichlorobenzene	13.77	180	2711	0.762 ug/L #	94

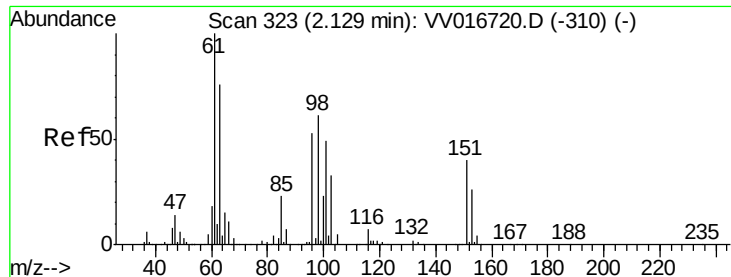
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.800 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016721.D

Acq: 09 Jun 2020 16:49

Instrument :

MSVOA_V

ClientSampleId :

VBLK76

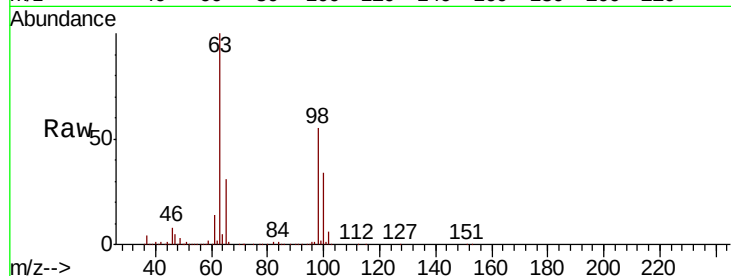
Tot Ion:101 Resp: 1542

Ion Ratio Lower Upper

101 100

85 10.1 35.5 53.3#

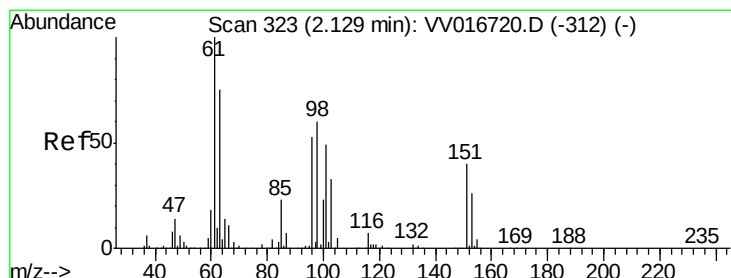
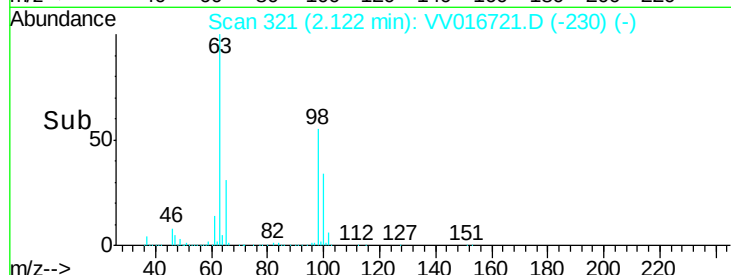
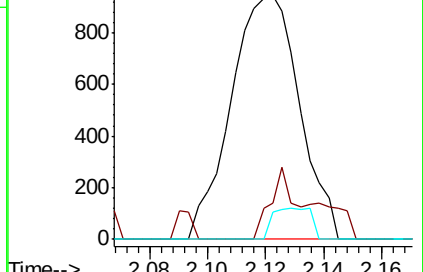
151 5.8 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): VV016721.D (-230) (-)

Ion 85.00 (84.70 to 85.70): VV016721.D (-230) (-)

Ion 151.00 (150.70 to 151.70): VV016721.D (-230) (-)



#12

1,1-Dichloroethene

Concen: 0.765 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016721.D

Acq: 09 Jun 2020 16:49

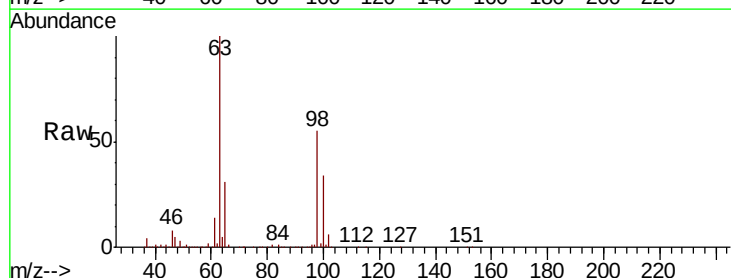
Tgt Ion: 96 Resp: 1377

Ion Ratio Lower Upper

96 100

61 1539.7 130.4 242.2#

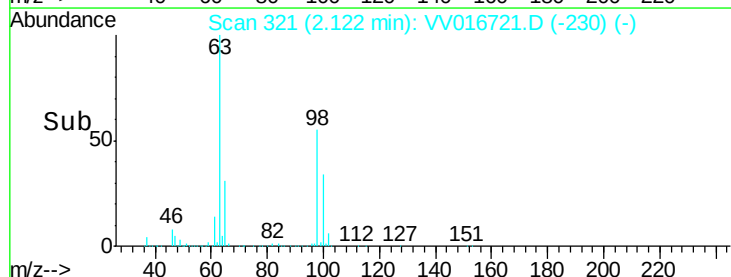
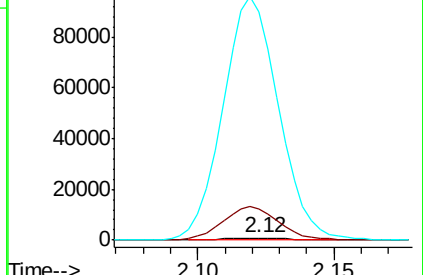
63 11131.6 103.3 191.9#

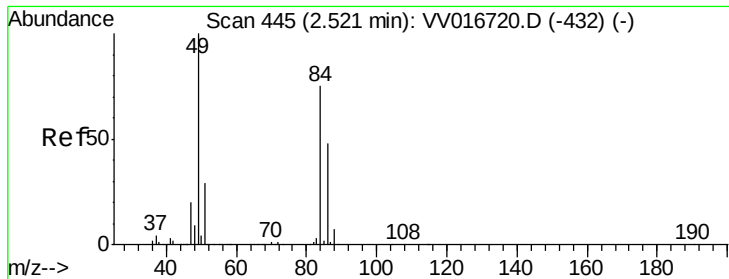


Abundance Ion 96.00 (95.70 to 96.70): VV016721.D (-230) (-)

Ion 61.00 (60.70 to 61.70): VV016721.D (-230) (-)

Ion 63.00 (62.70 to 63.70): VV016721.D (-230) (-)

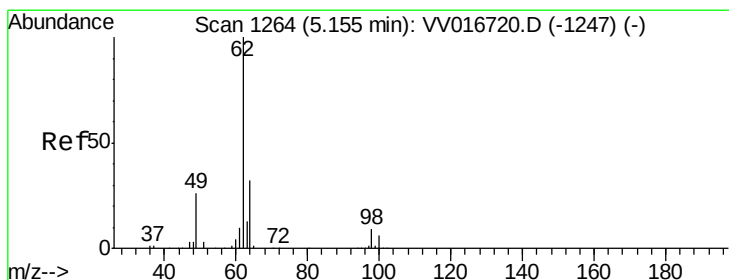
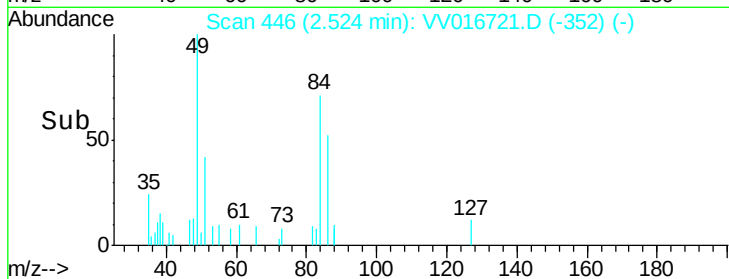
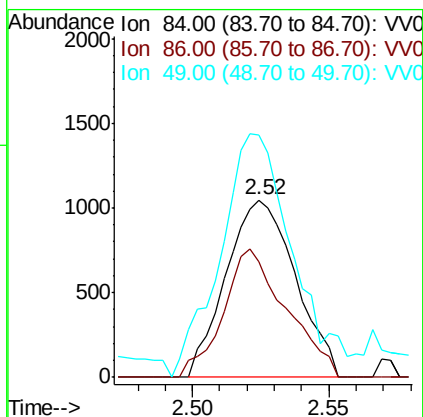
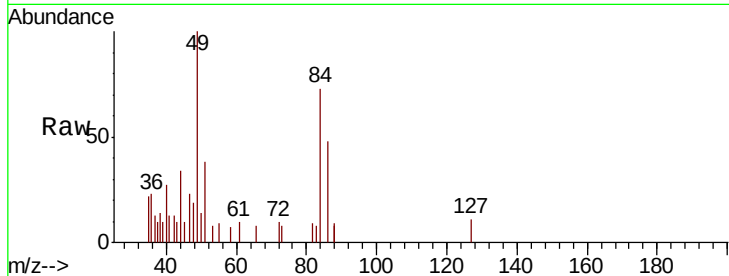




#16
Methylene chloride
Concen: 0.700 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV016721.D
Acq: 09 Jun 2020 16:49

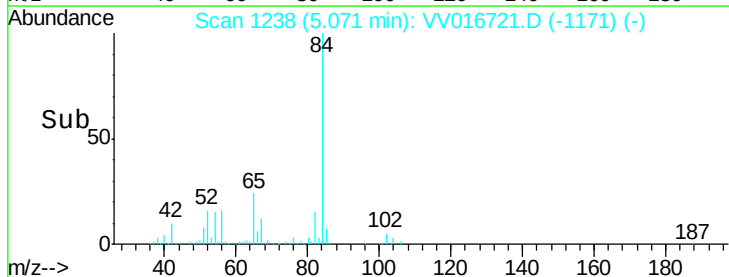
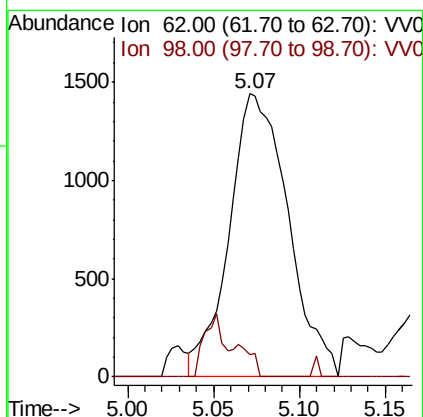
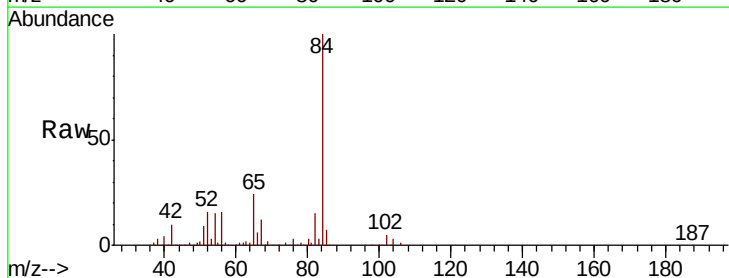
Instrument :
MSVOA_V
ClientSampleId :
VBLK76

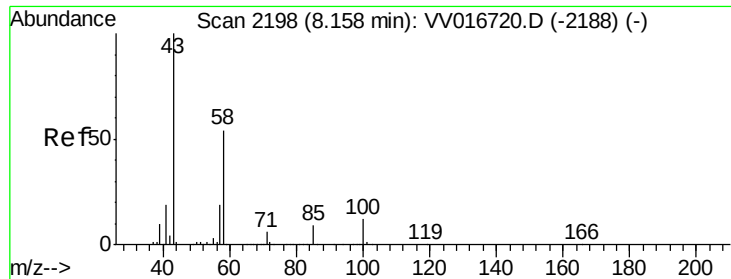
Tot Ion: 84 Resp: 1848
Ion Ratio Lower Upper
84 100
86 65.4 44.0 81.8
49 136.4 90.9 168.9



#27
1,2-Dichloroethane
Concen: 0.865 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV016721.D
Acq: 09 Jun 2020 16:49

Tgt Ion: 62 Resp: 3441
Ion Ratio Lower Upper
62 100
98 7.8 7.4 11.2

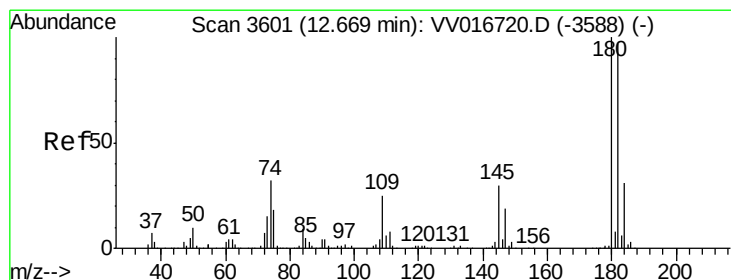
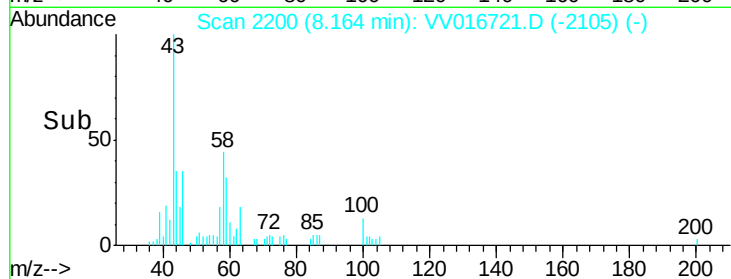
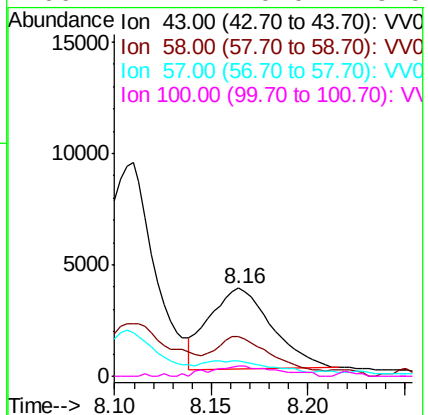
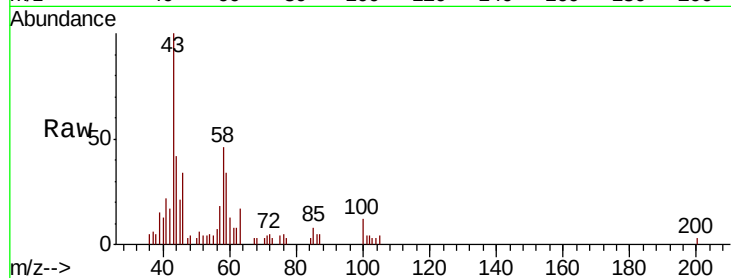




#48
2-Hexanone
Concen: 2.831 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV016721.D
Acq: 09 Jun 2020 16:49

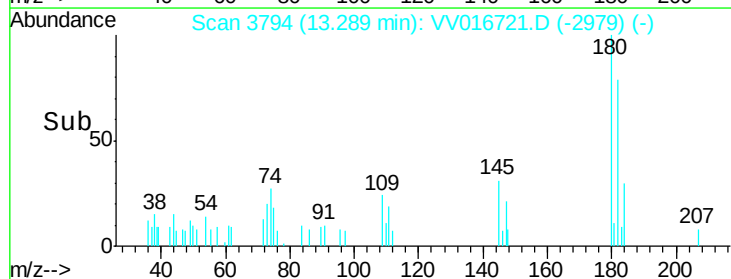
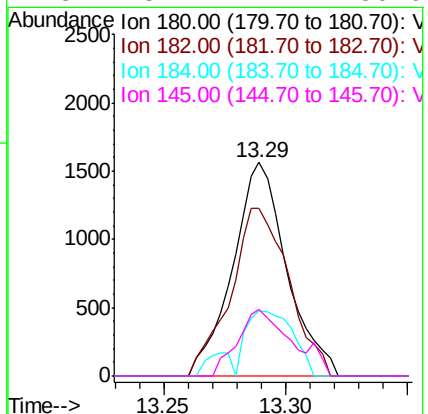
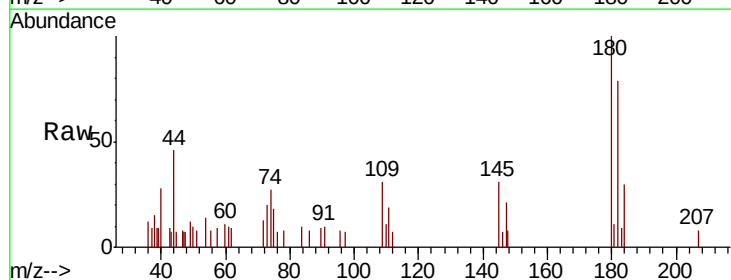
Instrument :
MSVOA_V
ClientSampleId :
VBLK76

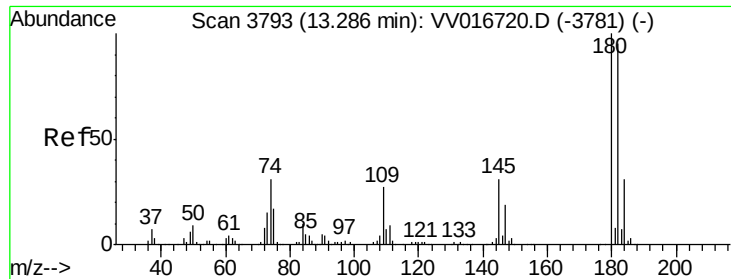
Tot Ion: 43 Resp: 8168
Ion Ratio Lower Upper
43 100
58 36.7 43.1 64.7#
57 0.6 15.3 22.9#
100 7.1 10.0 15.0#



#67
1,3,5-Trichlorobenzene
Concen: 0.605 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.62 min
Lab File: VV016721.D
Acq: 09 Jun 2020 16:49

Tgt Ion: 180 Resp: 2399
Ion Ratio Lower Upper
180 100
182 84.7 75.0 112.6
184 26.5 24.5 36.7
145 28.1 24.4 36.6

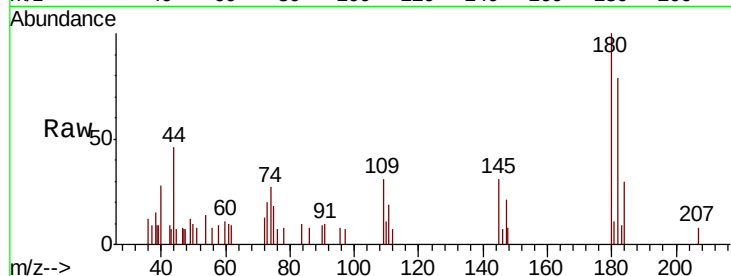




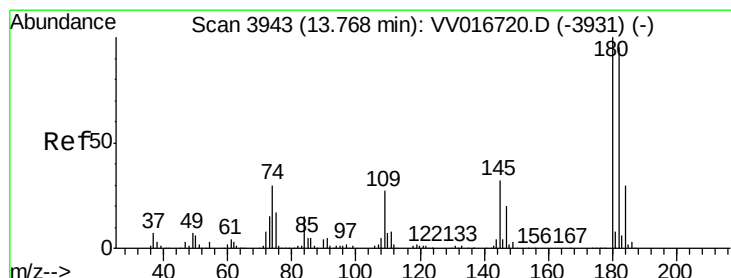
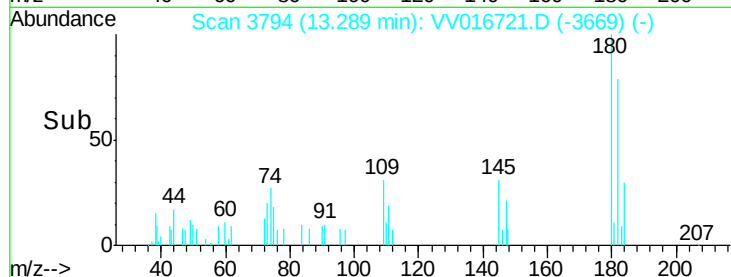
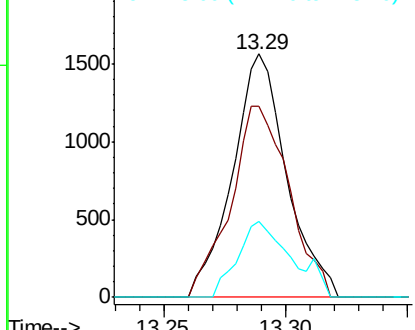
#68
 1,2,4-trichlorobenzene
 Concen: 0.660 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV016721.D
 Acq: 09 Jun 2020 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK76

Tot Ion:180 Resp: 2399
 Ion Ratio Lower Upper
 180 100
 182 84.7 76.9 115.3
 145 28.1 25.2 37.8

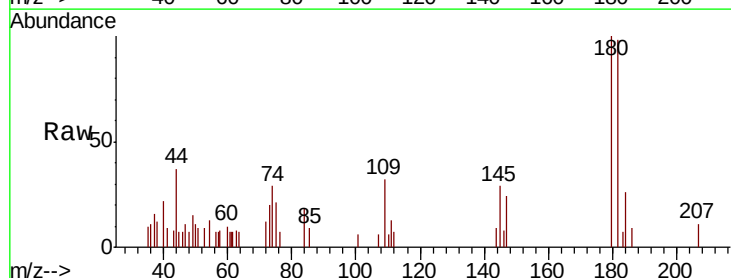


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.762 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV016721.D
 Acq: 09 Jun 2020 16:49

Tgt Ion:180 Resp: 2711
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.5 114.7
 145 23.1 26.1 39.1#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

