

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017735.D
 Acq On : 29 Jul 2020 17:04
 Operator : SY/MD
 Sample : L3470-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:31:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 30 04:28:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	142462	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140834	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	70506	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30103	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	27362	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.12	63	51318	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.92	46	70282	43.19	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.38%
24) Chloroform-d	4.38	84	75372	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	44020	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.07	84	133927	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
36) 1,2-Dichloropropane-d6	6.10	67	35704	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	7.34	98	118920	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
45) trans-1,3-Dichloropropene-	7.65	79	15212	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
48) 2-Hexanone-d5	8.11	63	46270	38.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24721	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	52333	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

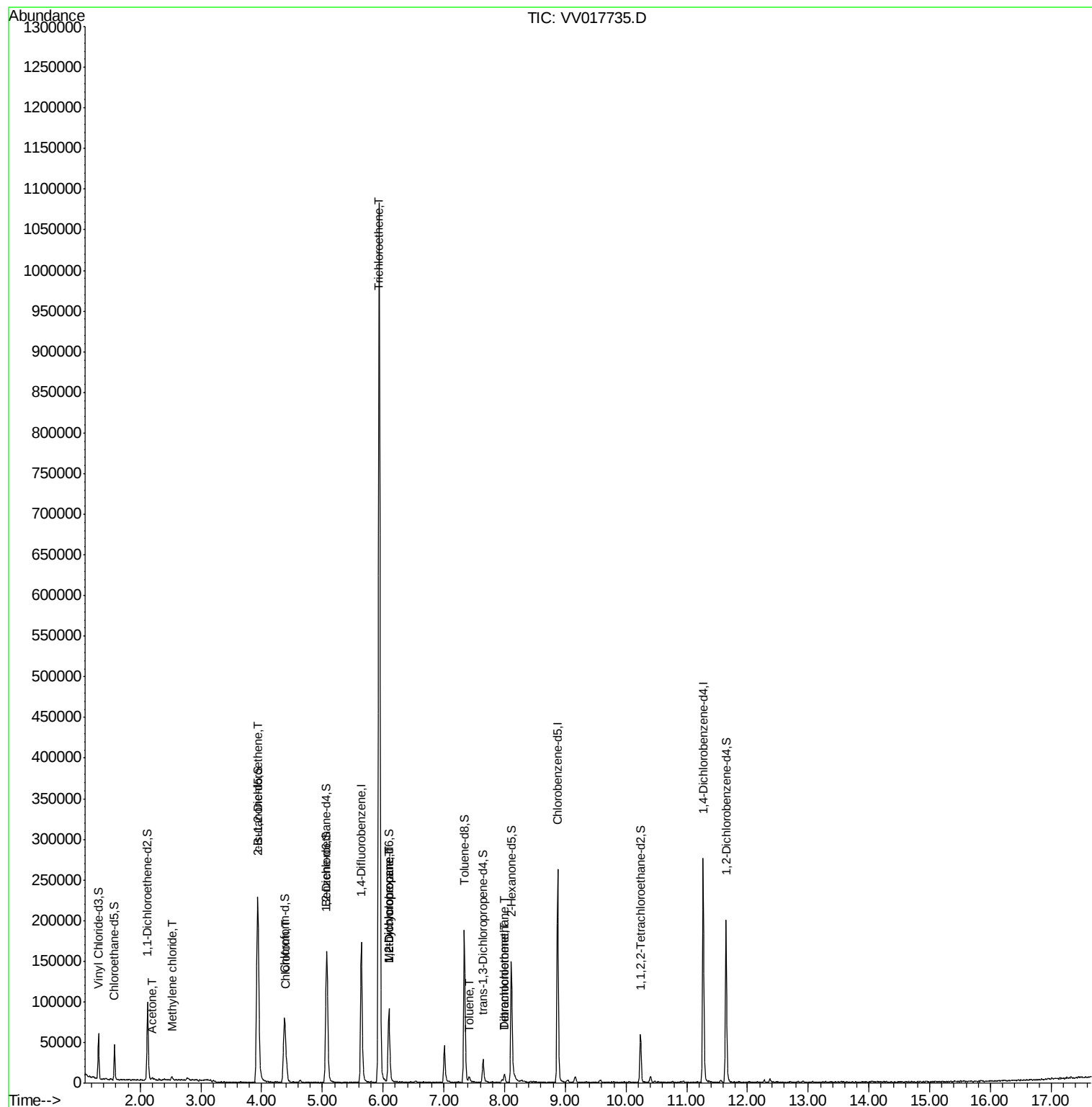
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.20	43	3492	2.741	ug/L #	35
16) Methylene chloride	2.52	84	1387	0.162	ug/L	92
22) cis-1,2-Dichloroethene	3.94	96	107796	10.240	ug/L	100
25) Chloroform	4.40	83	17769	0.901	ug/L	97
34) Trichloroethene	5.94	95	356226	31.991	ug/L	98
35) Methylcyclohexane	6.10	83	11120	0.660	ug/L #	18
37) 1,2-Dichloropropane	6.09	63	5277	0.563	ug/L #	87
42) Toluene	7.41	91	4417	0.102	ug/L	80
49) Tetrachloroethene	8.00	164	1929	0.196	ug/L	83
51) Dibromochloromethane	8.00	129	2049	0.227	ug/L #	9

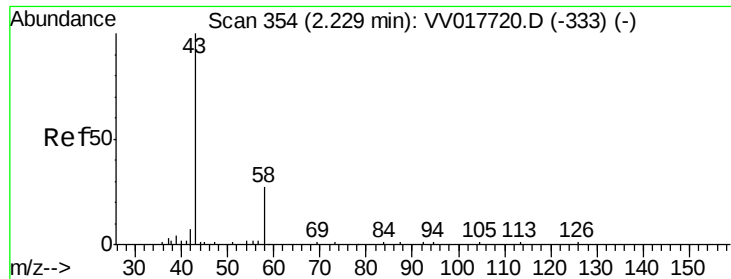
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 30 04:28:04 2020
Response via : Initial Calibration





#13

Acetone

Concen: 2.741 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.03 min

Lab File: VV017735.D

Acq: 29 Jul 2020 17:04

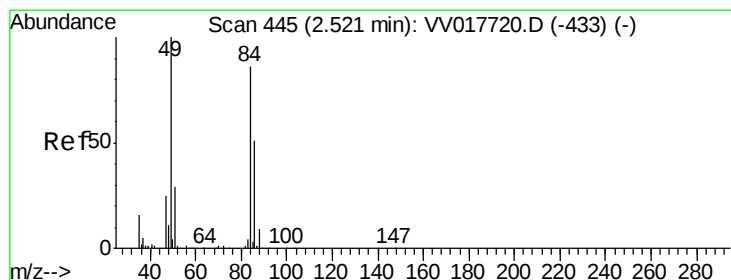
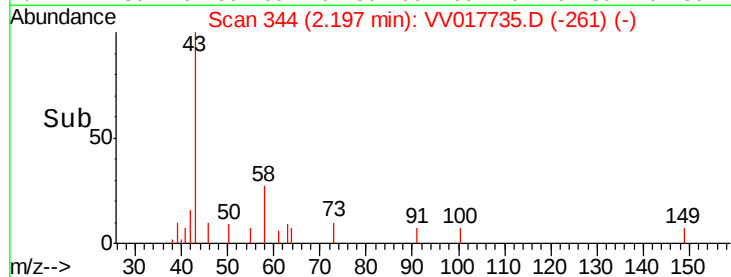
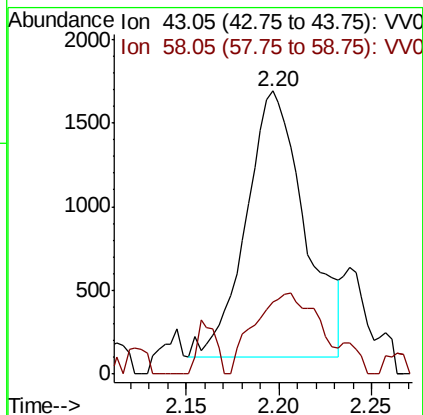
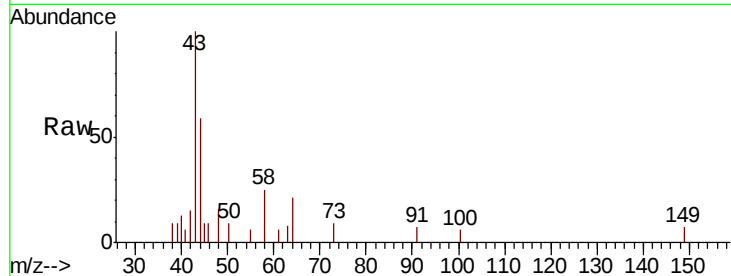
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3492

Ion Ratio Lower Upper

43 100

58 33.1 0.0 18.6#



#16

Methylene chloride

Concen: 0.162 ug/L

RT: 2.52 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV017735.D

Acq: 29 Jul 2020 17:04

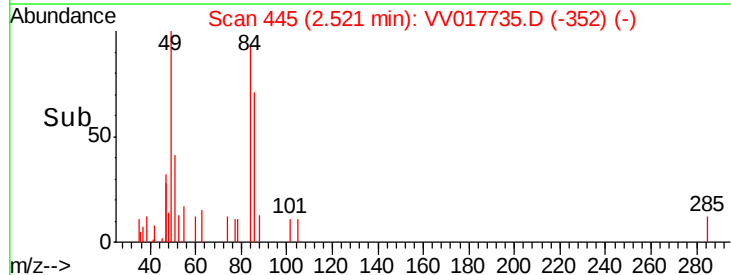
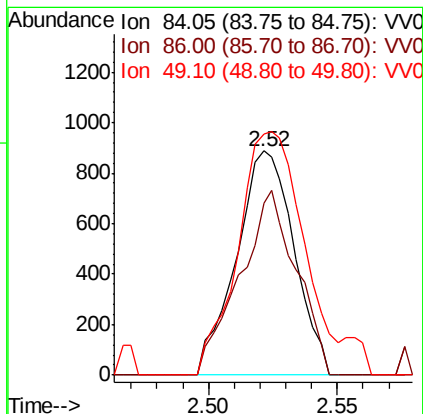
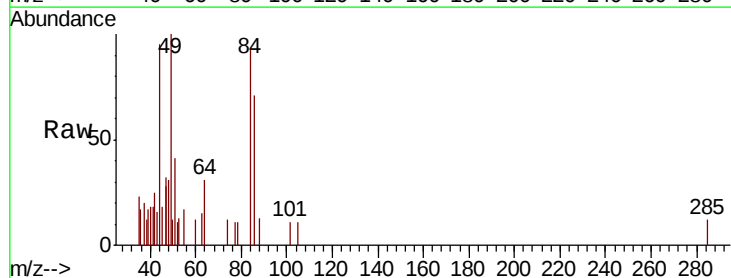
Tgt Ion: 84 Resp: 1387

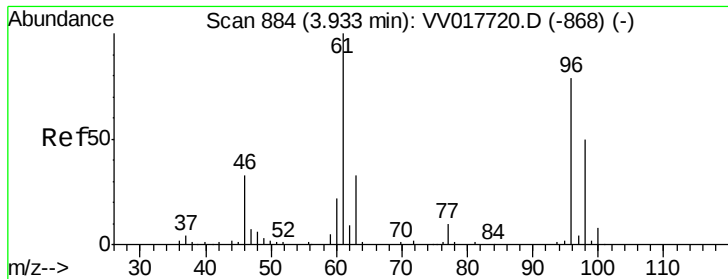
Ion Ratio Lower Upper

84 100

86 76.6 46.5 86.3

49 107.6 79.2 147.2



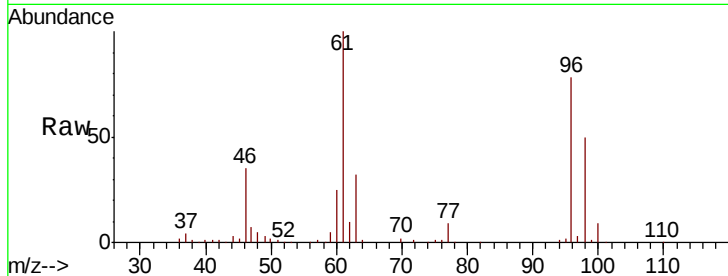


#22

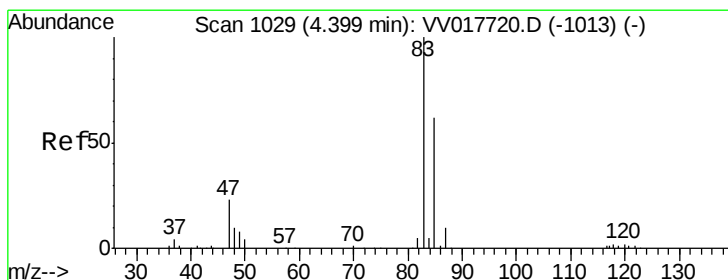
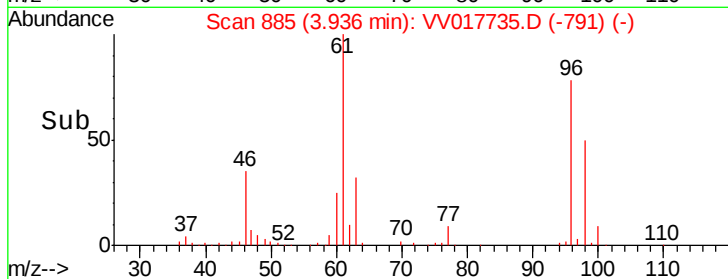
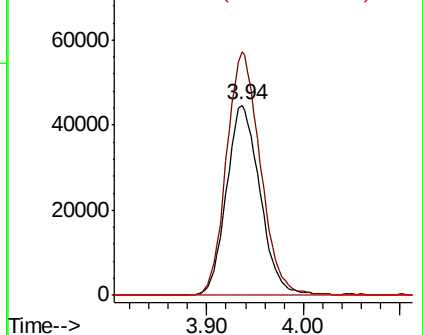
cis-1,2-Dichloroethene
 Concen: 10.240 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VV017735.D
 Acq: 29 Jul 2020 17:04

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 96 Resp: 107796
 Ion Ratio Lower Upper
 96 100
 61 127.8 89.6 166.4
 68 0.0 0.0 0.0



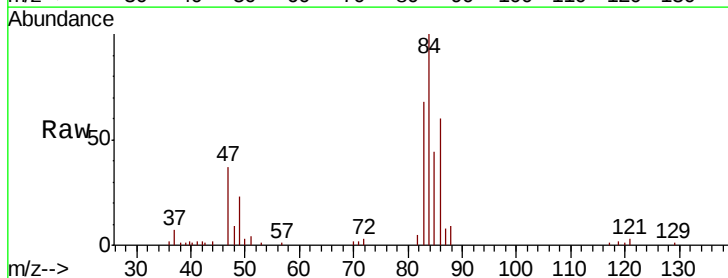
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



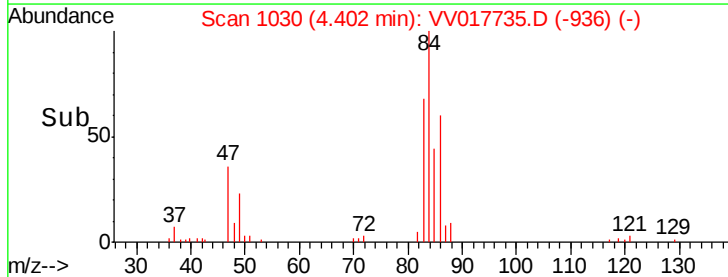
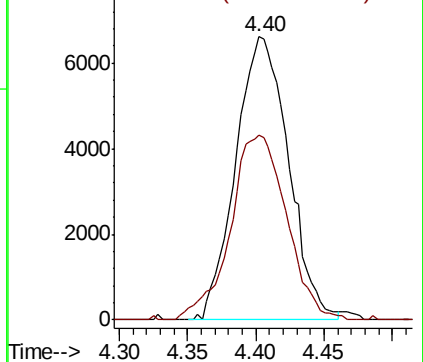
#25

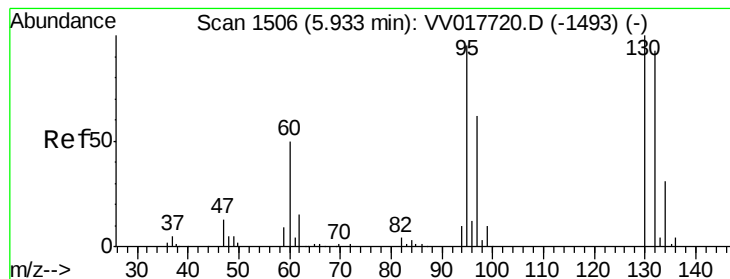
Chloroform
 Concen: 0.901 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VV017735.D
 Acq: 29 Jul 2020 17:04

Tgt Ion: 83 Resp: 17769
 Ion Ratio Lower Upper
 83 100
 85 65.3 47.3 87.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0





#34

Trichloroethene

Concen: 31.991 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017735.D

Acq: 29 Jul 2020 17:04

Instrument :

MSVOA_V

ClientSampled :

Tot Ion: 95 Resp: 356226

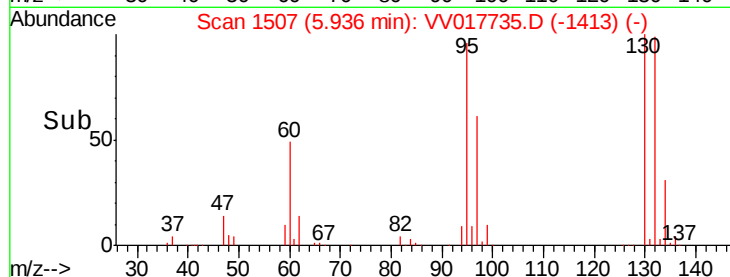
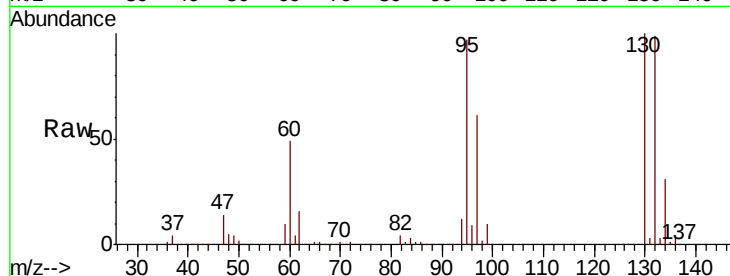
Ion Ratio Lower Upper

95 100

97 63.7 46.1 85.5

132 102.3 71.7 133.1

130 103.6 74.3 137.9

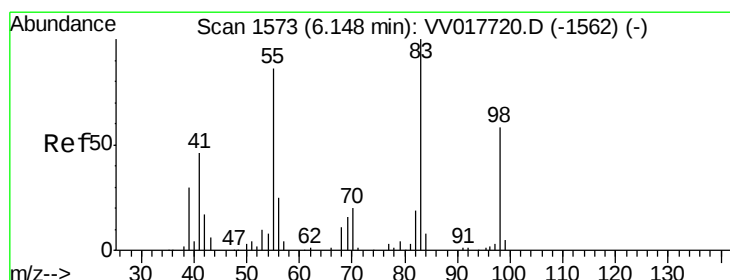
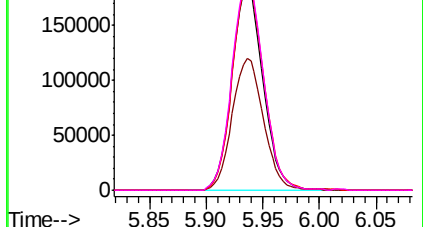


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017735.D

Acq: 29 Jul 2020 17:04

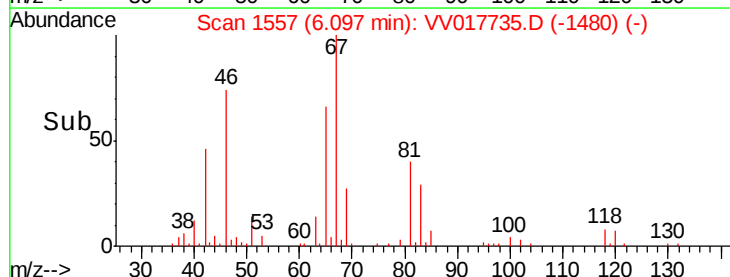
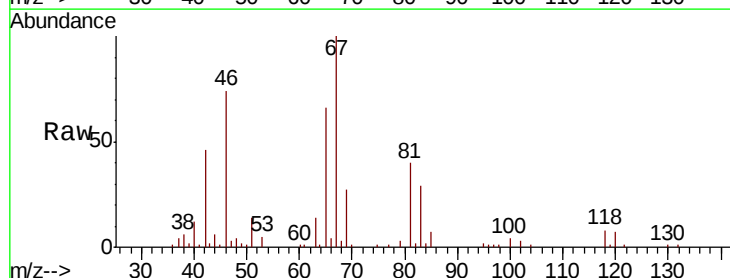
Tgt Ion: 83 Resp: 11120

Ion Ratio Lower Upper

83 100

55 0.2 61.8 92.8#

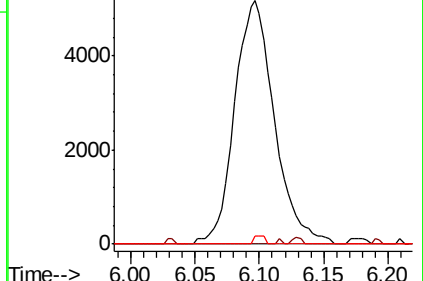
98 0.0 39.0 58.6#

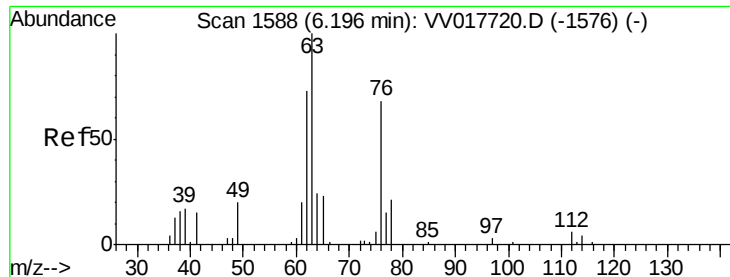


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

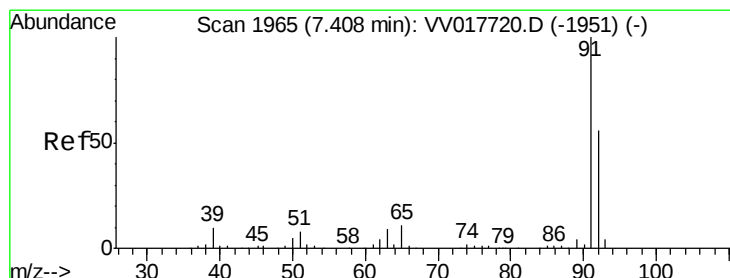
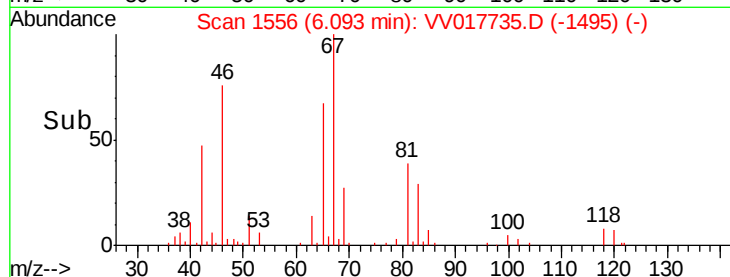
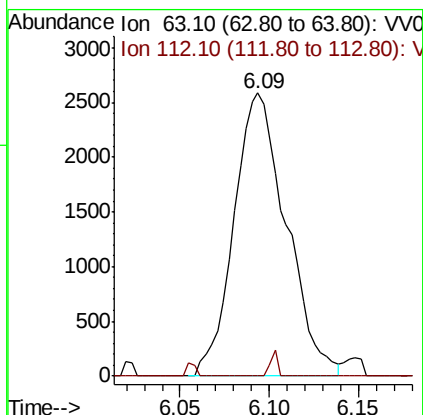
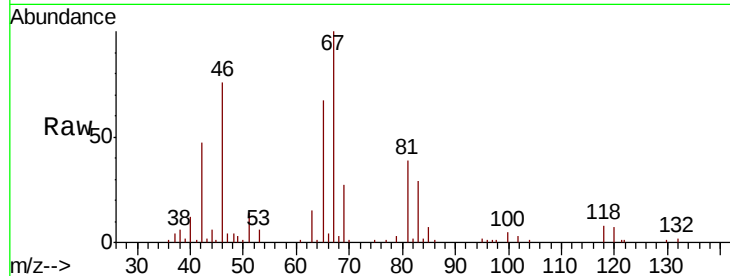




#37
 1,2-Dichloropropane
 Concen: 0.563 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017735.D
 Acq: 29 Jul 2020 17:04

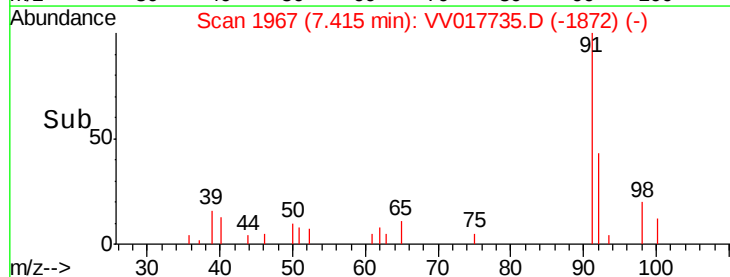
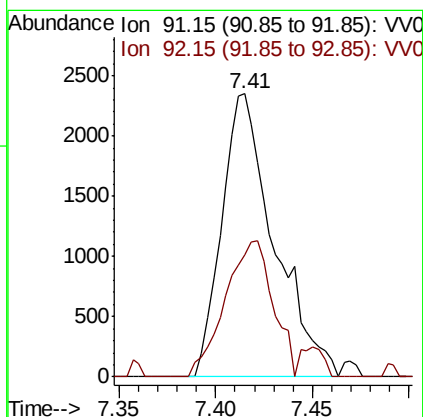
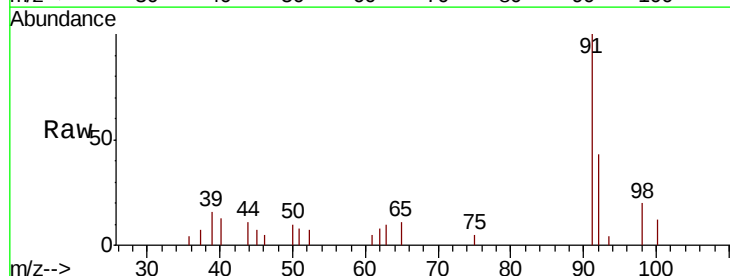
Instrument :
 MSVOA_V
 ClientSampled :

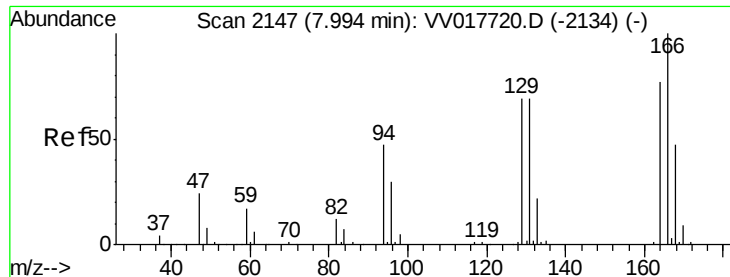
Tot Ion: 63 Resp: 5277
 Ion Ratio Lower Upper
 63 100
 112 1.3 4.5 6.7#



#42
 Toluene
 Concen: 0.102 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017735.D
 Acq: 29 Jul 2020 17:04

Tgt Ion: 91 Resp: 4417
 Ion Ratio Lower Upper
 91 100
 92 43.3 40.8 75.8





#49

Tetrachloroethene

Concen: 0.196 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017735.D

Acq: 29 Jul 2020 17:04

Instrument :
MSVOA_V
ClientSampled :

Tot Ion:164 Resp: 1929

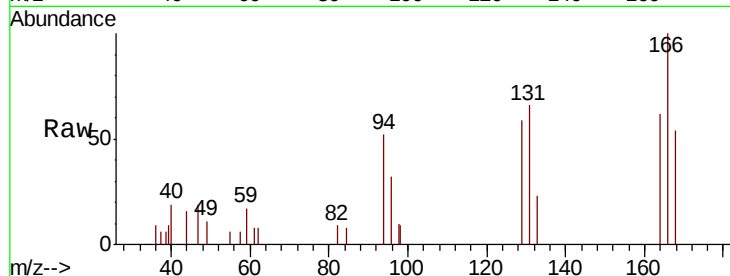
Ion Ratio Lower Upper

164 100

129 96.3 65.0 120.8

131 106.4 63.6 118.2

166 162.4 91.7 170.3

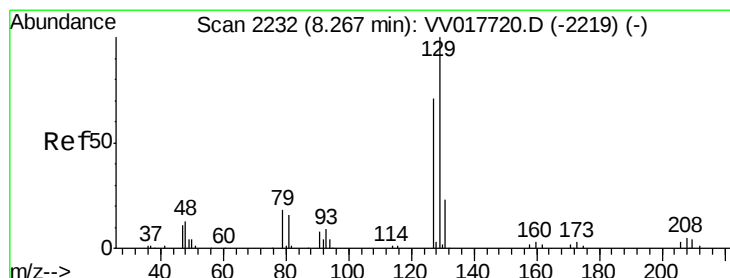
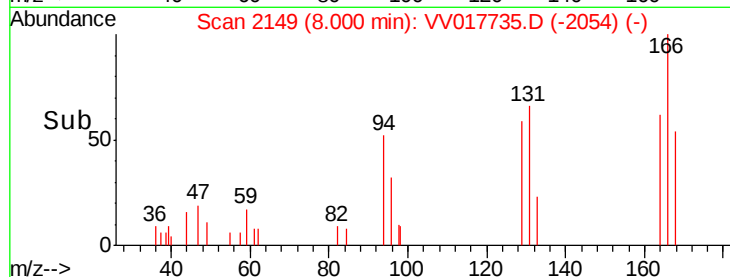
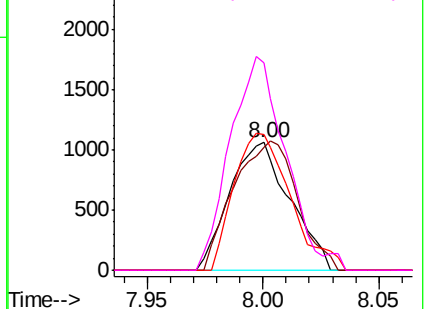


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Dibromochloromethane

Concen: 0.227 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. -0.26 min

Lab File: VV017735.D

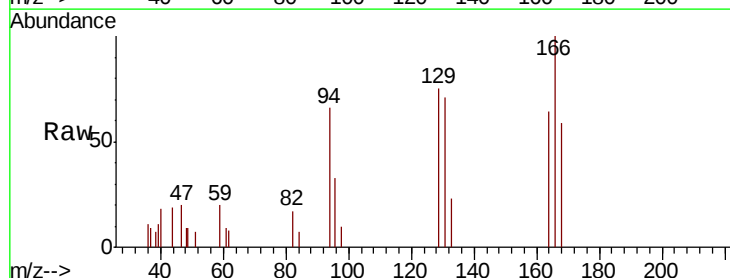
Acq: 29 Jul 2020 17:04

Tgt Ion:129 Resp: 2049

Ion Ratio Lower Upper

129 100

127 0.0 56.3 104.5#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

