

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072920\
 Data File : VV017726.D
 Acq On : 29 Jul 2020 13:28
 Operator : SY/MD
 Sample : L3470-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 04:30:48 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	138869	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	139580	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31965	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	28813	5.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.60%
11) 1,1-Dichloroethene-d2	2.12	63	54624	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	3.93	46	76461	48.20	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.38	84	81064	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.06	65	46211	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.07	84	139164	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.10	67	39090	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.34	98	129071	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
45) trans-1,3-Dichloropropene-	7.64	79	16287	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.11	63	51694	43.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27066	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	55529	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

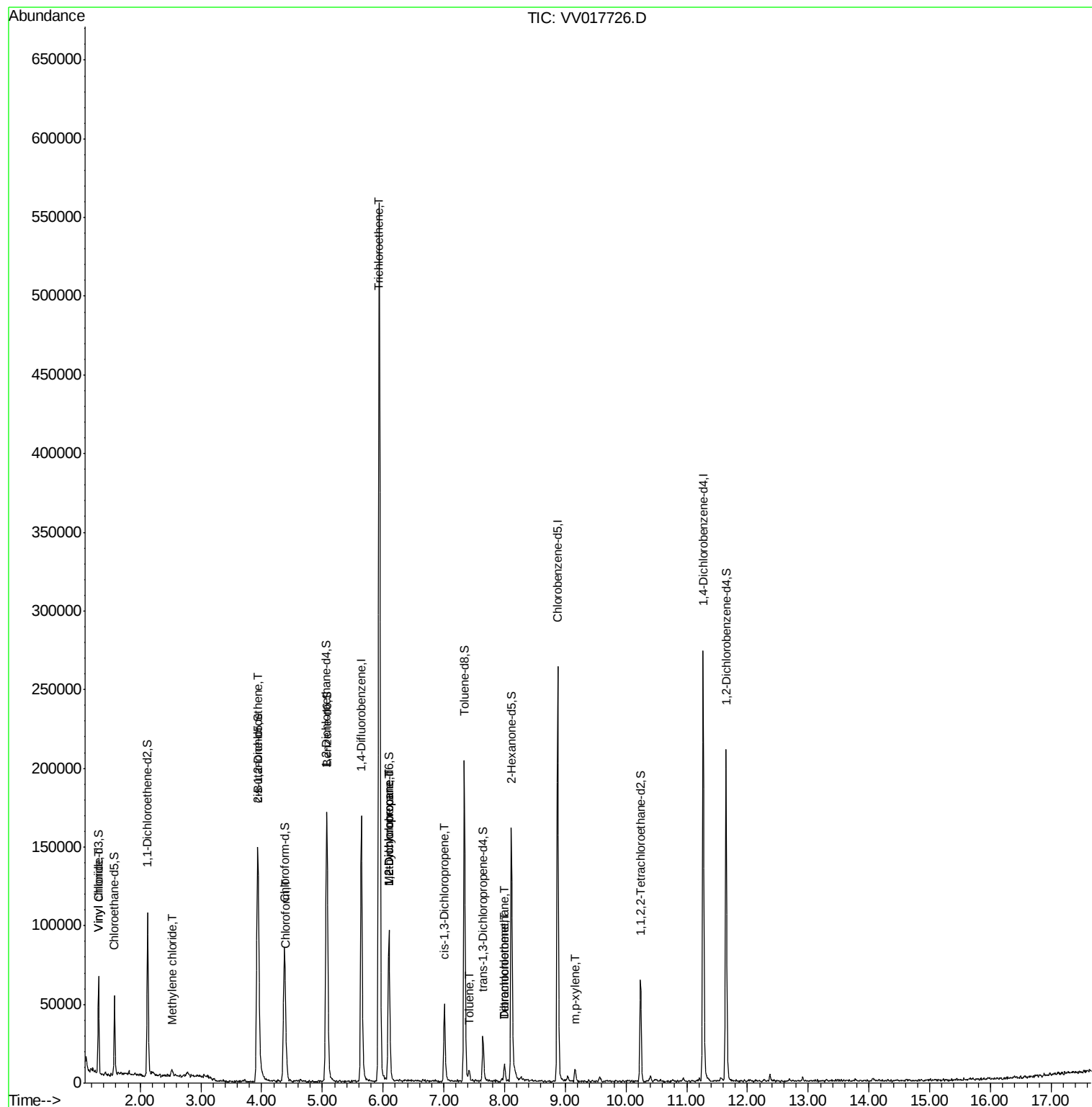
					Ovalue
5) Vinyl chloride	1.32	62	1372	0.138 ug/L #	47
16) Methylene chloride	2.52	84	1749	0.210 ug/L	82
22) cis-1,2-Dichloroethene	3.94	96	63683	6.206 ug/L	93
25) Chloroform	4.40	83	7184	0.374 ug/L	98
34) Trichloroethene	5.94	95	184702	16.736 ug/L	98
35) Methylcyclohexane	6.09	83	11642	0.697 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5583	0.601 ug/L #	86
39) cis-1,3-Dichloropropene	7.00	75	1515	0.108 ug/L	87
42) Toluene	7.41	91	4293	0.100 ug/L	97
49) Tetrachloroethene	8.00	164	2523	0.259 ug/L	90
51) Dibromochloromethane	8.00	129	2117	0.236 ug/L #	9
55) m,p-xylene	9.17	106	2218	0.122 ug/L #	55

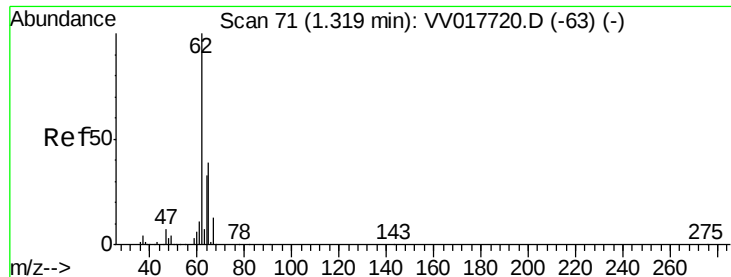
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072920\
Data File : VV017726.D
Acq On : 29 Jul 2020 13:28
Operator : SY/MD
Sample : L3470-06
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 30 04:30:48 2020
Quant Method : Z:\V0ASRV\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





#5

Vinyl chloride

Concen: 0.138 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

Instrument :

MSVOA_V

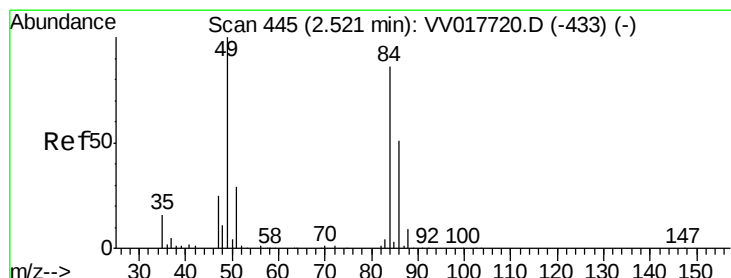
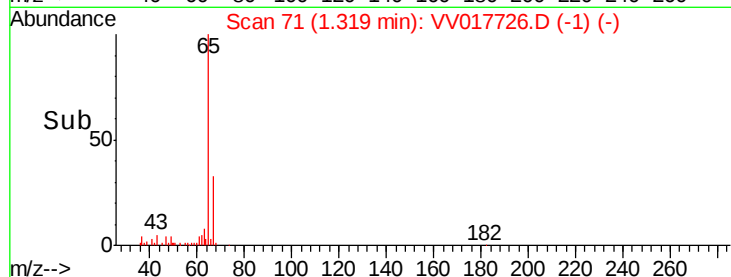
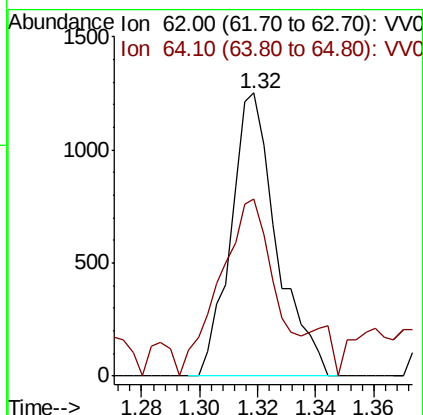
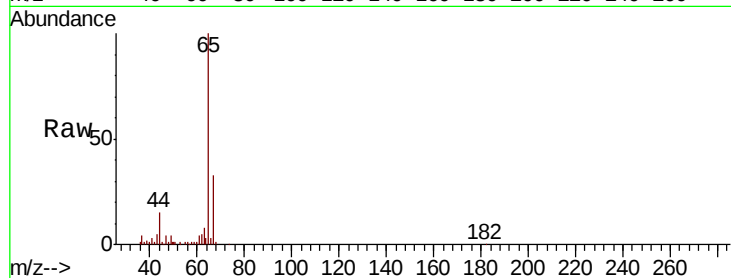
ClientSampleId :

Tot Ion: 62 Resp: 1372

Ion Ratio Lower Upper

62 100

64 62.7 23.0 42.8#



#16

Methylene chloride

Concen: 0.210 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

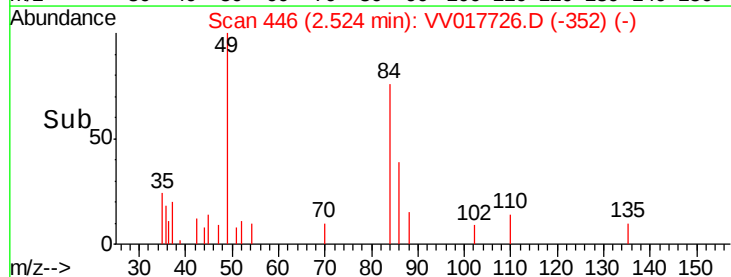
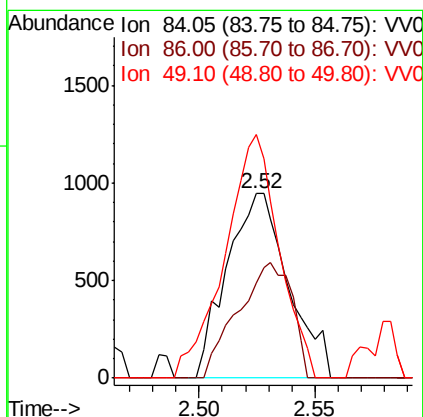
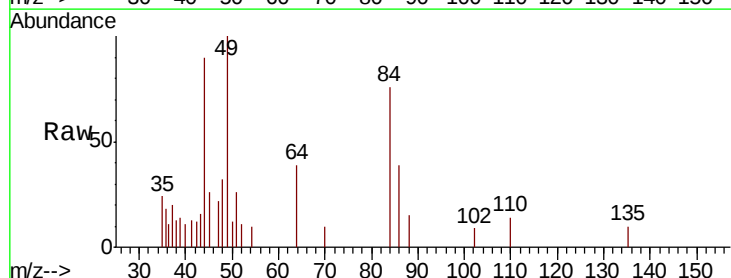
Tgt Ion: 84 Resp: 1749

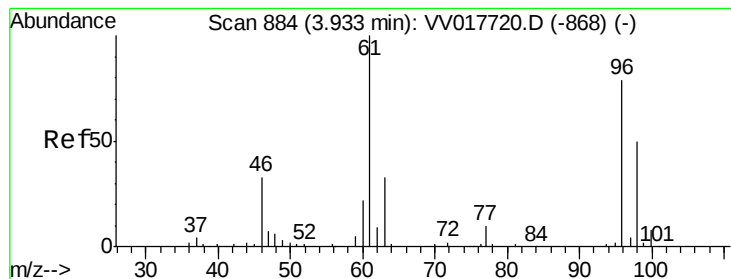
Ion Ratio Lower Upper

84 100

86 51.8 46.5 86.3

49 131.8 79.2 147.2





#22

cis-1,2-Dichloroethene

Concen: 6.206 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

Instrument :
MSVOA_V
ClientSampleId :

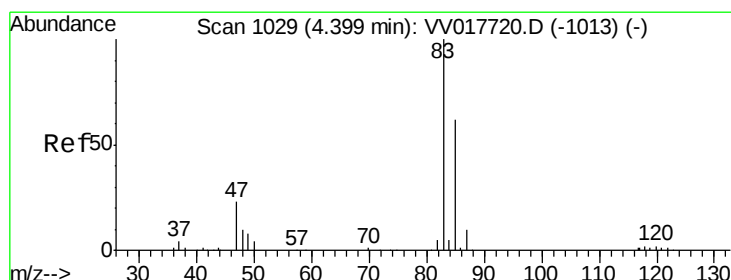
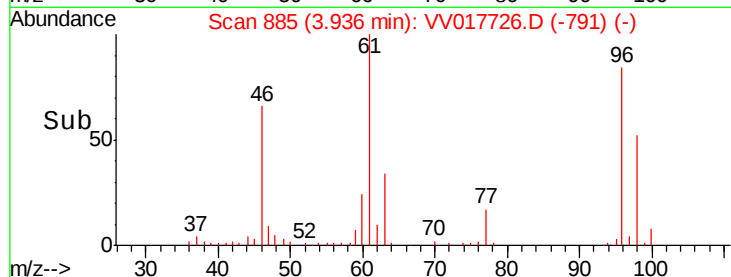
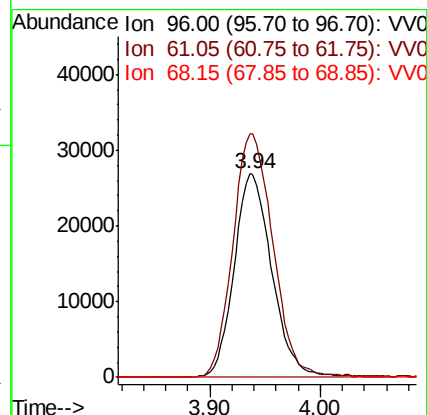
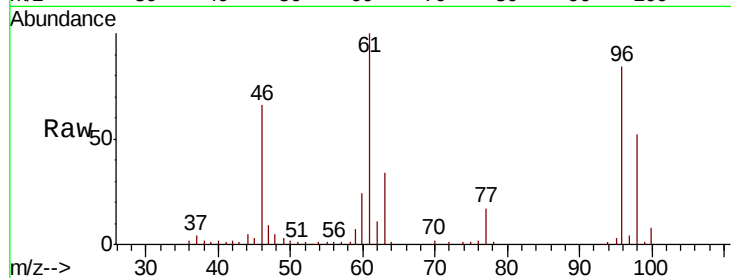
Tot Ion: 96 Resp: 63683

Ion Ratio Lower Upper

96 100

61 119.7 89.6 166.4

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.374 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV017726.D

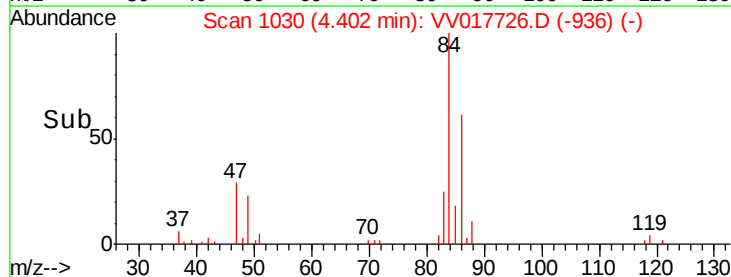
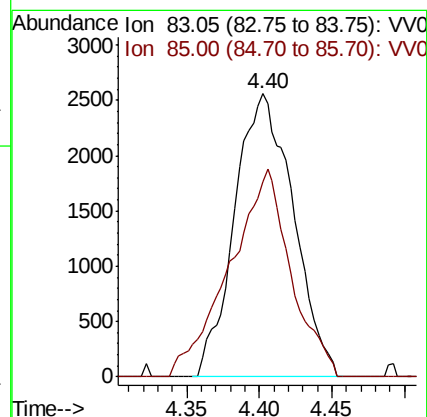
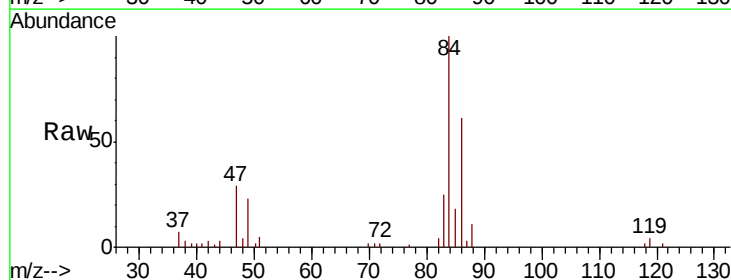
Acq: 29 Jul 2020 13:28

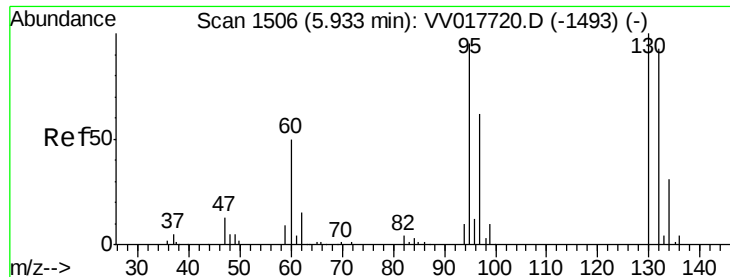
Tgt Ion: 83 Resp: 7184

Ion Ratio Lower Upper

83 100

85 69.1 47.3 87.9





#34

Trichloroethene

Concen: 16.736 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 184702

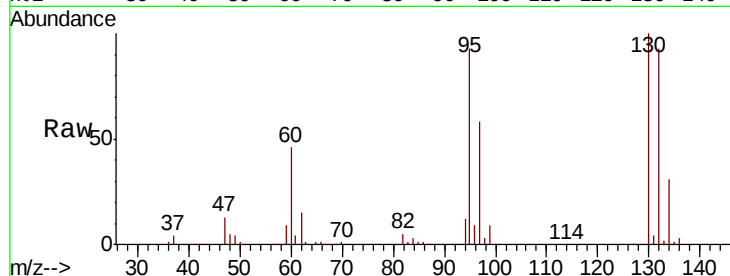
Ion Ratio Lower Upper

95 100

97 63.0 46.1 85.5

132 100.8 71.7 133.1

130 107.9 74.3 137.9

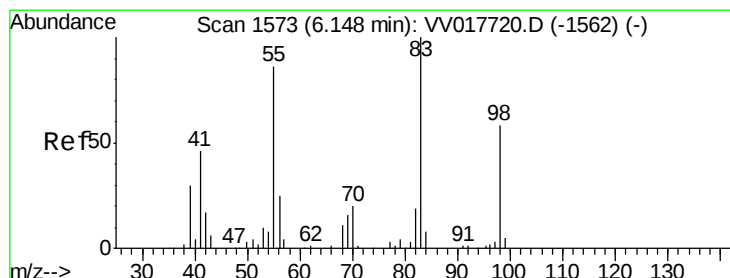
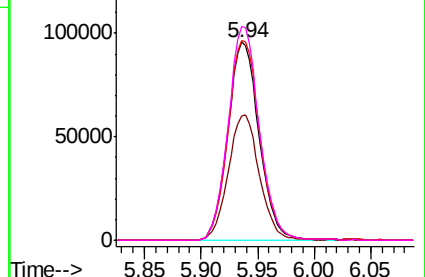
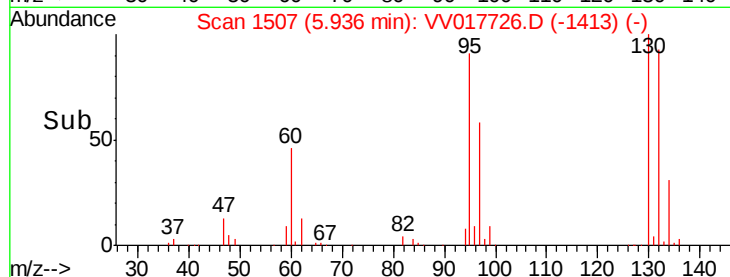


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.05 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

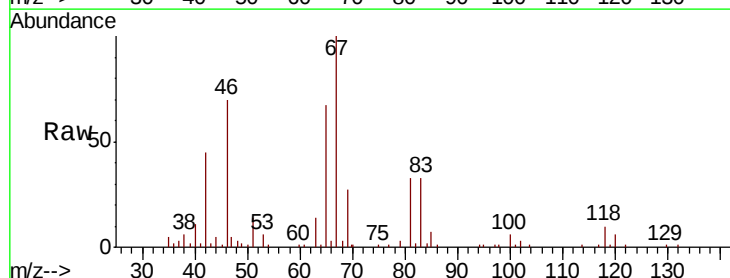
Tgt Ion: 83 Resp: 11642

Ion Ratio Lower Upper

83 100

55 0.4 61.8 92.8#

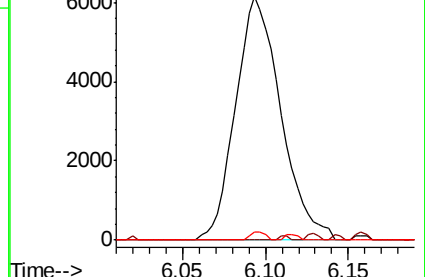
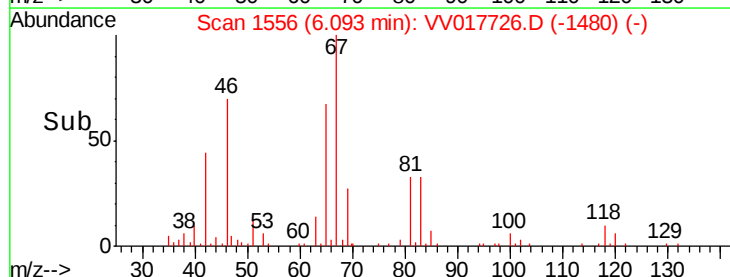
98 0.0 39.0 58.6#

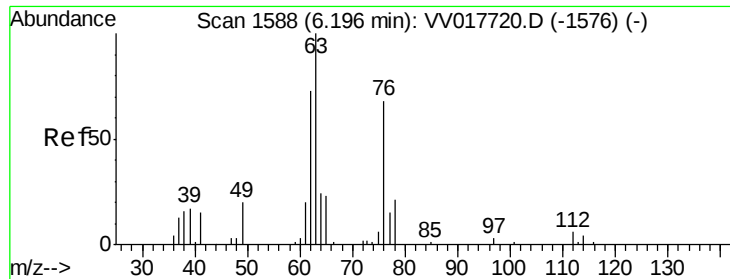


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

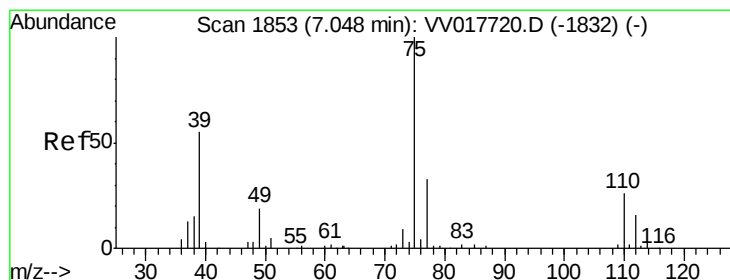
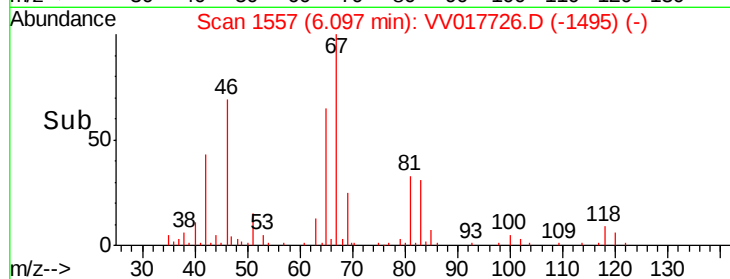
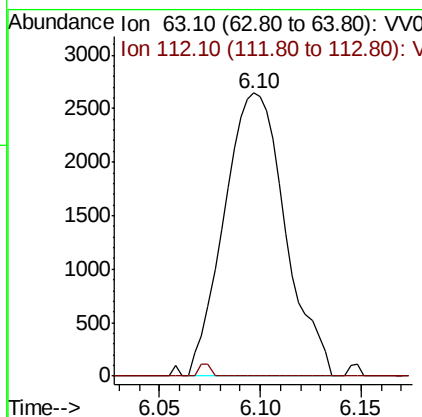
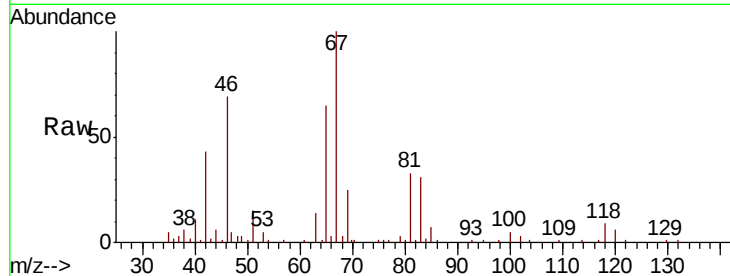




#37
 1,2-Dichloropropane
 Concen: 0.601 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017726.D
 Acq: 29 Jul 2020 13:28

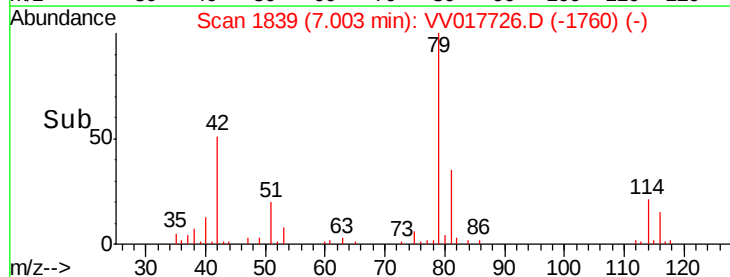
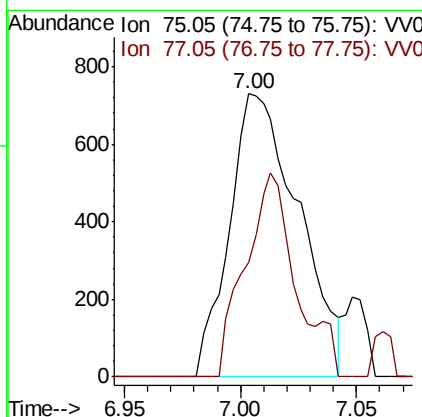
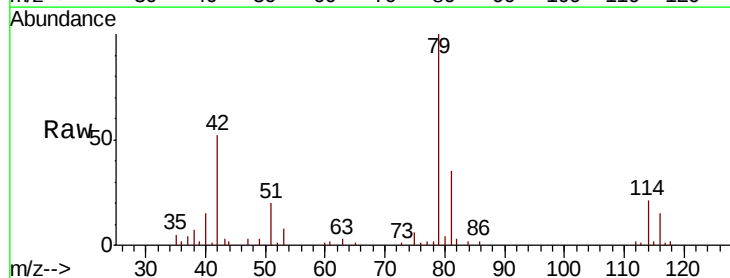
Instrument :
 MSVOA_V
 ClientSampleId :

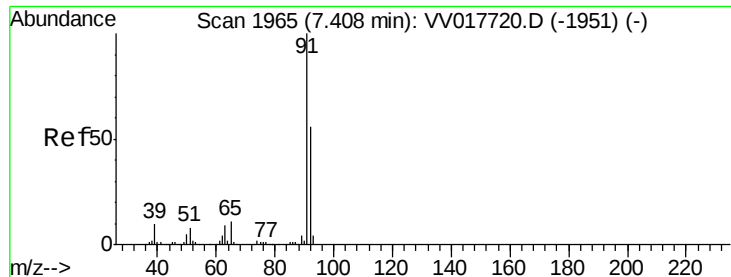
Tot Ion: 63 Resp: 5583
 Ion Ratio Lower Upper
 63 100
 112 0.8 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV017726.D
 Acq: 29 Jul 2020 13:28

Tgt Ion: 75 Resp: 1515
 Ion Ratio Lower Upper
 75 100
 77 40.4 23.2 43.2





#42

Toluene

Concen: 0.100 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

Instrument :

MSVOA_V

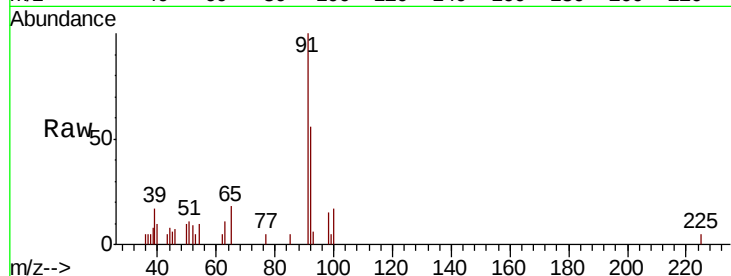
ClientSampled :

Tot Ion: 91 Resp: 4293

Ion Ratio Lower Upper

91 100

92 56.2 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017720.D (-1951) (-)

Ion 92.15 (91.85 to 92.85): VV017720.D (-1951) (-)

7.41

2500

2000

1500

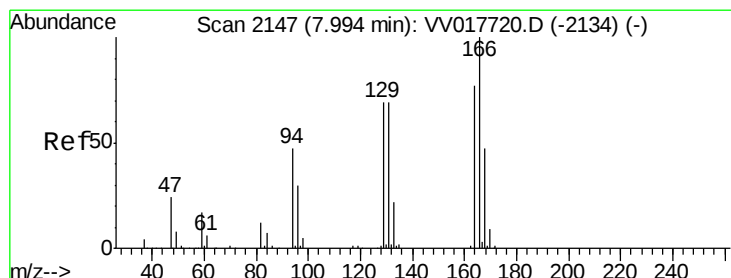
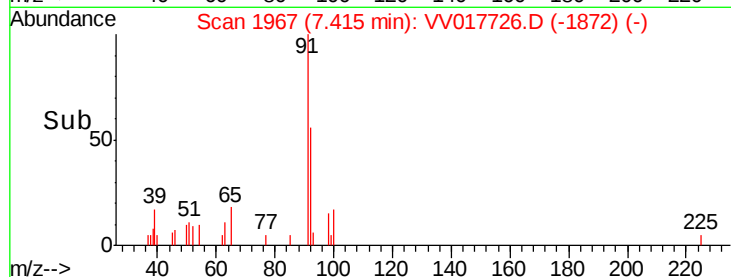
1000

500

0

7.35 7.40 7.45

Time-->



#49

Tetrachloroethene

Concen: 0.259 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

Tgt Ion:164 Resp: 2523

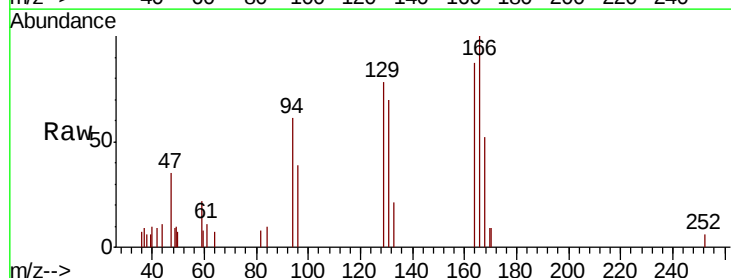
Ion Ratio Lower Upper

164 100

129 89.8 65.0 120.8

131 80.4 63.6 118.2

166 115.4 91.7 170.3



Abundance Ion 163.90 (163.60 to 164.60): VV017720.D (-2134) (-)

Ion 128.95 (128.65 to 129.65): VV017720.D (-2134) (-)

Ion 130.95 (130.65 to 131.65): VV017720.D (-2134) (-)

Ion 165.90 (165.60 to 166.60): VV017720.D (-2134) (-)

2500

2000

1500

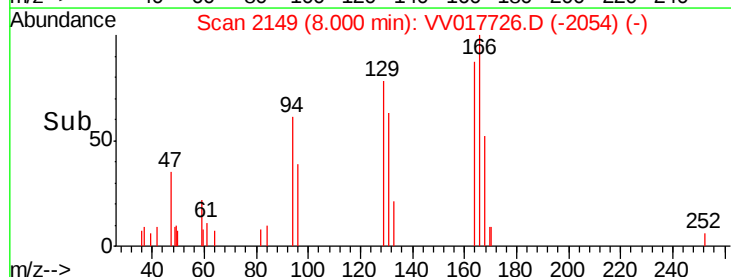
1000

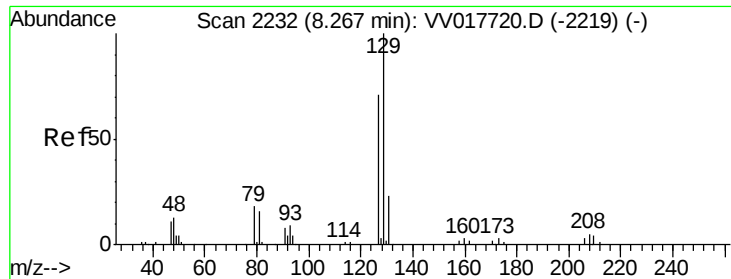
500

0

7.95 8.00 8.05

Time-->





#51

Dibromochloromethane

Concen: 0.236 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. -0.27 min

Lab File: VV017726.D

Acq: 29 Jul 2020 13:28

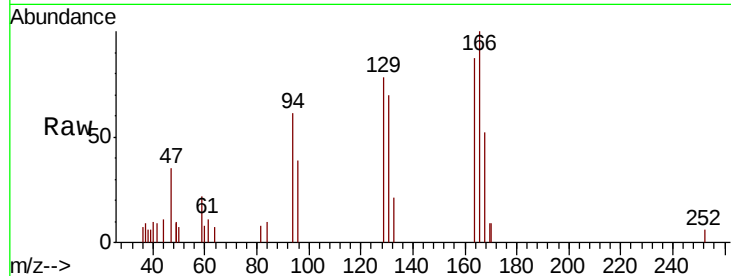
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:129 Resp: 2117

Ion Ratio Lower Upper

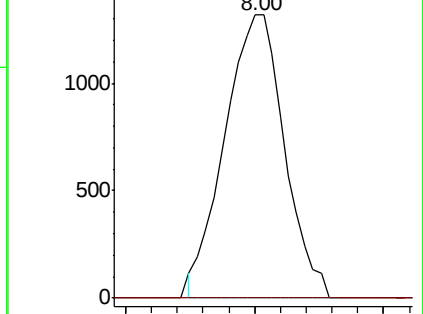
129 100

127 0.0 56.3 104.5#

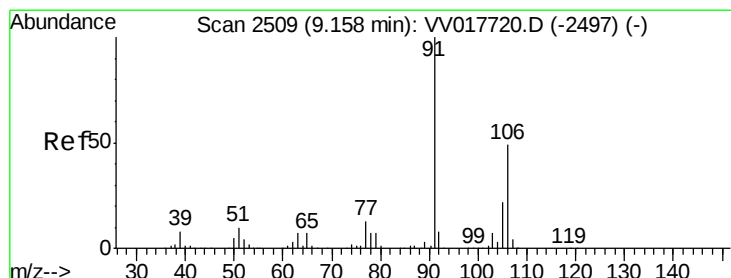
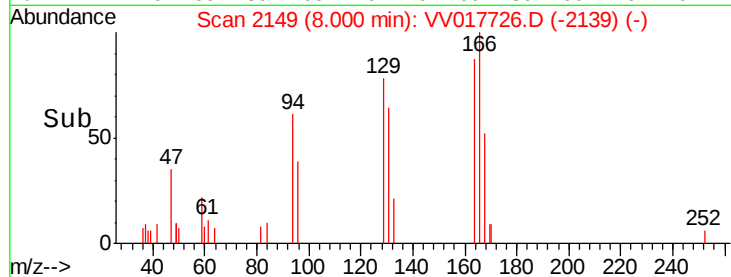


Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



Time--> 7.95 8.00 8.05



#55

m,p-xylene

Concen: 0.122 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV017726.D

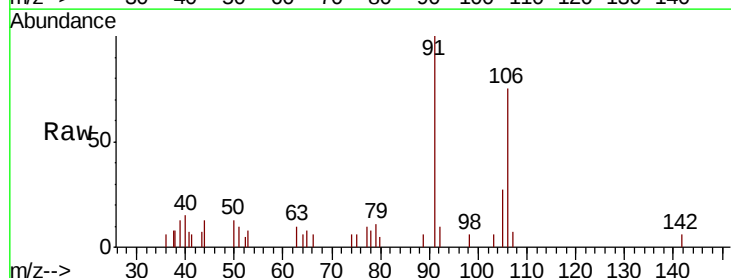
Acq: 29 Jul 2020 13:28

Tgt Ion:106 Resp: 2218

Ion Ratio Lower Upper

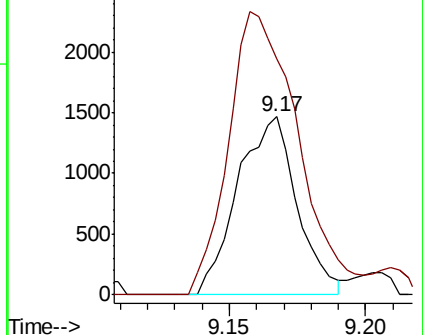
106 100

91 132.7 141.3 262.3#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



Time--> 9.15 9.20

