

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017711.D
 Acq On : 28 Jul 2020 17:53
 Operator : SY/MD
 Sample : L3470-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE6

Quant Time: Jul 29 06:46:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151925	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148320	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28572	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.58	69	26498	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.12	63	53063	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.94	46	82254	47.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.80%
24) Chloroform-d	4.38	84	87649	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.06	65	46739	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.07	84	147116	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	6.09	67	41982	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.34	98	135703	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
45) trans-1,3-Dichloropropene-	7.65	79	17185	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.11	63	59374	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30546	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	60332	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

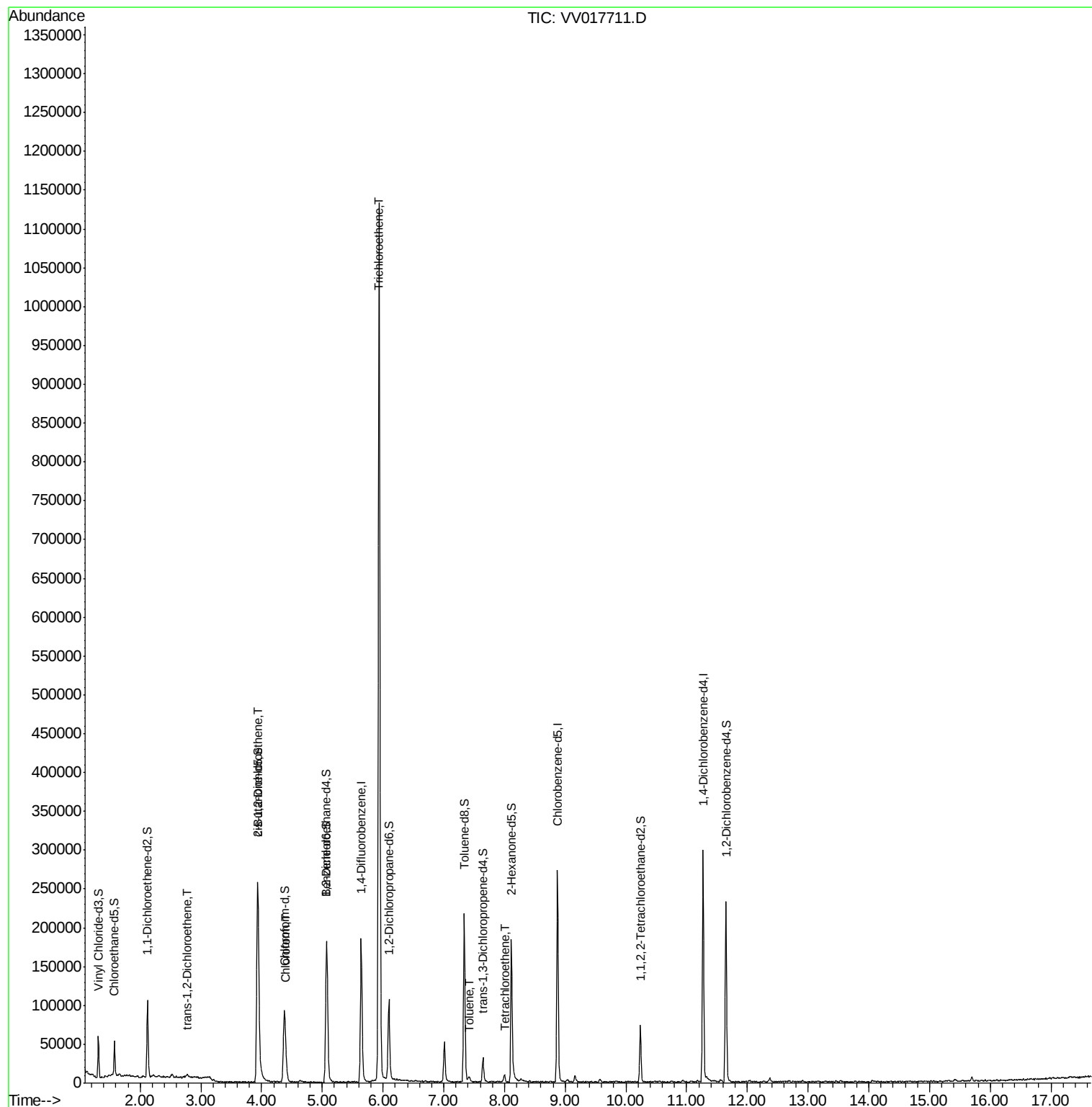
					Ovalue
18) trans-1,2-Dichloroethene	2.78	96	1393	0.156 ug/L	77
22) cis-1,2-Dichloroethene	3.94	96	125766	11.203 ug/L	97
25) Chloroform	4.40	83	16224	0.771 ug/L	85
34) Trichloroethene	5.94	95	373594	31.857 ug/L	99
42) Toluene	7.42	91	4711	0.103 ug/L	94
49) Tetrachloroethene	7.99	164	2220	0.215 ug/L	95

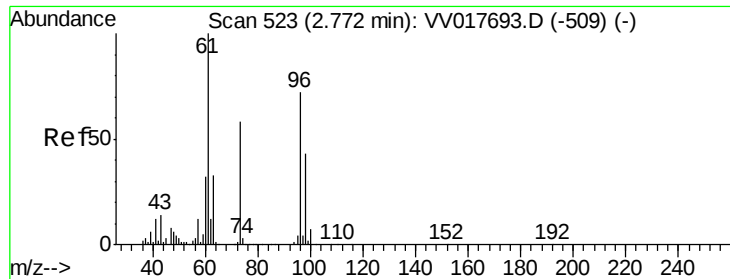
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

trans-1,2-Dichloroethene

Concen: 0.156 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.01 min

Lab File: VV017711.D

Acq: 28 Jul 2020 17:53

Instrument :

MSVOA_V

ClientSampleId :

H0AE6

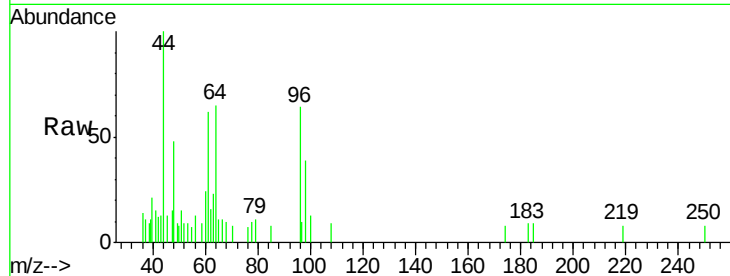
Tot Ion: 96 Resp: 1393

Ion Ratio Lower Upper

96 100

61 97.1 96.0 178.4

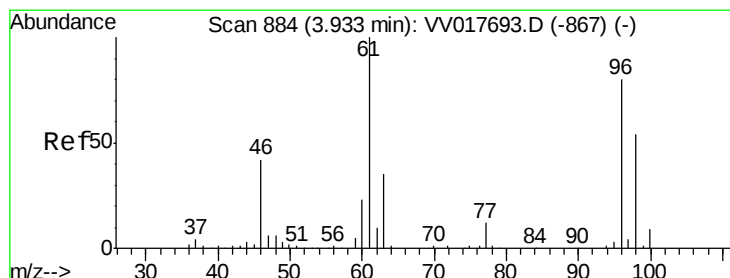
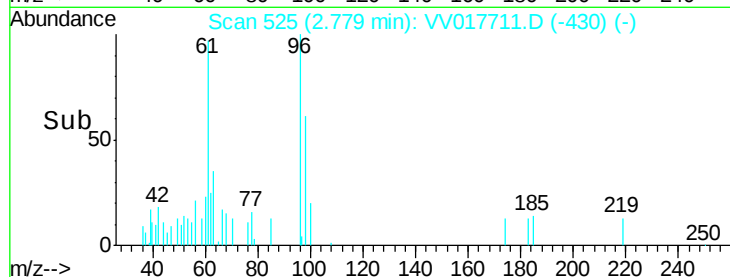
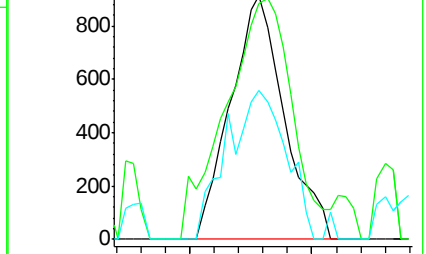
98 61.2 43.5 80.9



Abundance Ion 96.00 (95.70 to 96.70): VV017711.D (-430) (-)

Ion 61.05 (60.75 to 61.75): VV017711.D (-430) (-)

Ion 97.95 (97.65 to 98.65): VV017711.D (-430) (-)



#22

cis-1,2-Dichloroethene

Concen: 11.203 ug/L

RT: 3.94 min Scan# 885

Delta R.T. 0.00 min

Lab File: VV017711.D

Acq: 28 Jul 2020 17:53

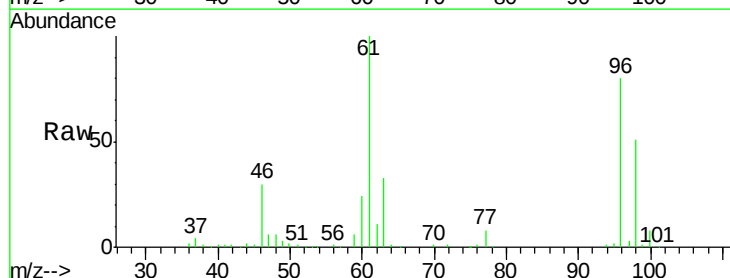
Tgt Ion: 96 Resp: 125766

Ion Ratio Lower Upper

96 100

61 124.5 89.6 166.4

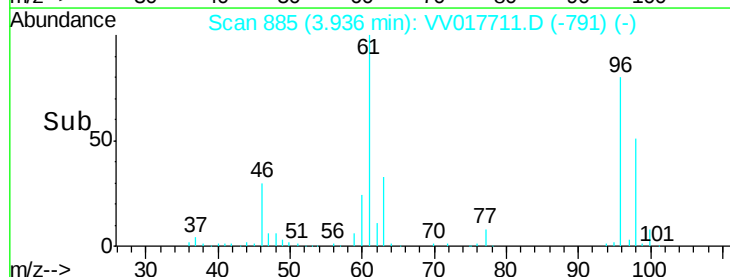
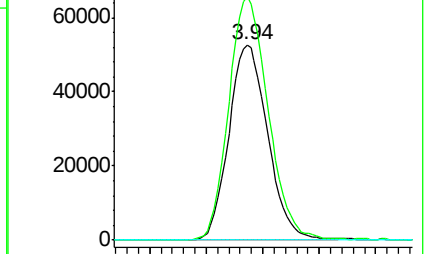
68 0.0 0.0 0.0

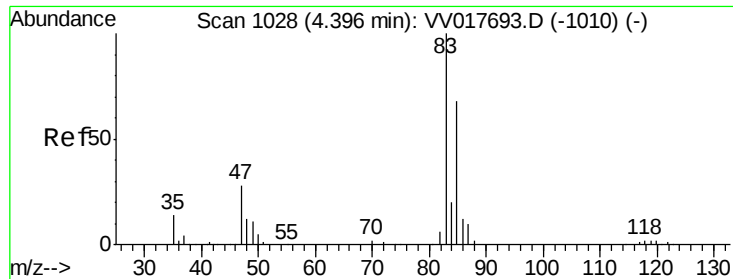


Abundance Ion 96.00 (95.70 to 96.70): VV017711.D (-791) (-)

Ion 61.05 (60.75 to 61.75): VV017711.D (-791) (-)

Ion 68.15 (67.85 to 68.85): VV017711.D (-791) (-)

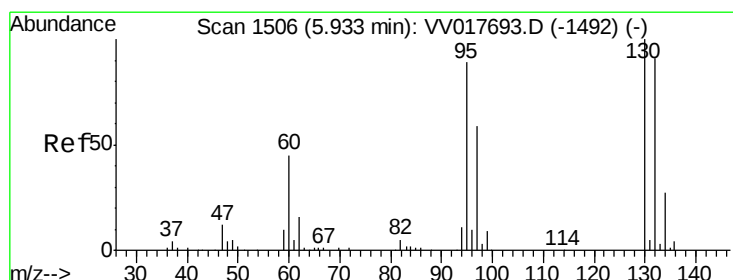
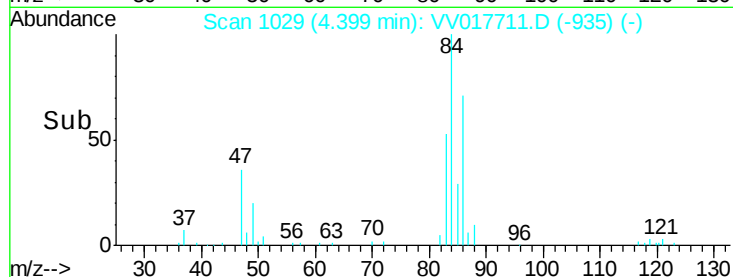
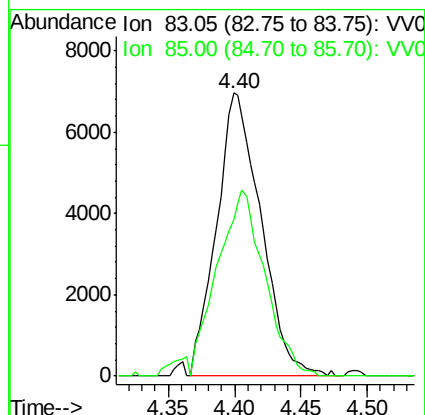
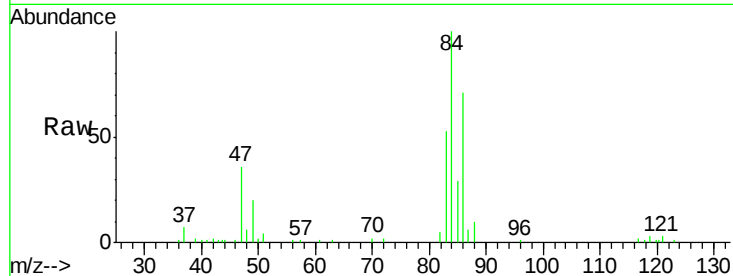




#25
Chloroform
Concen: 0.771 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. 0.00 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

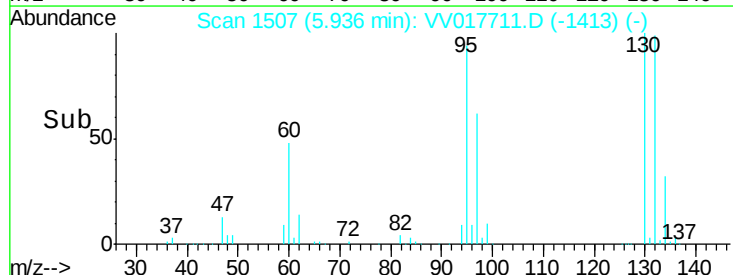
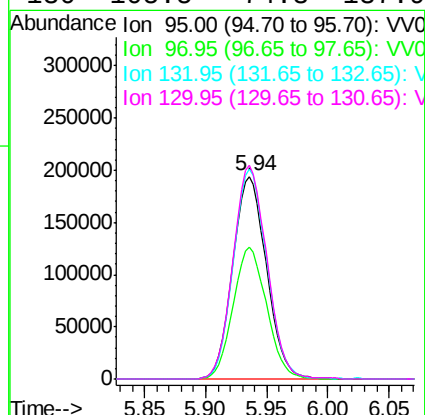
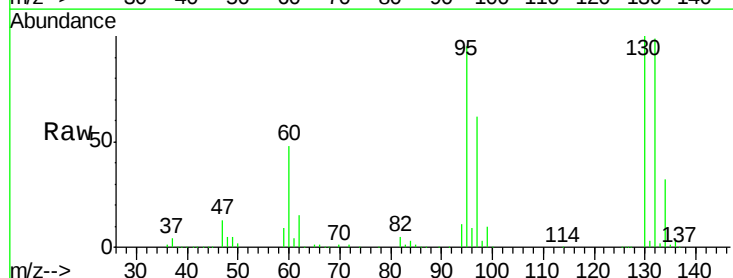
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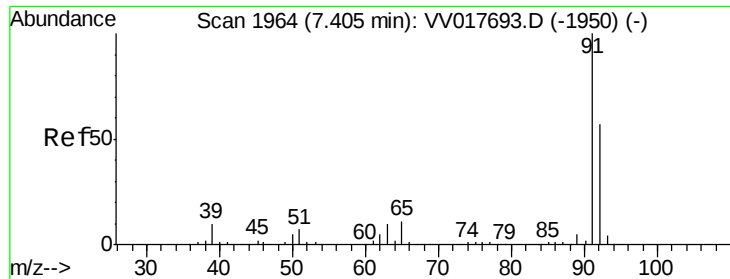
Tot Ion: 83 Resp: 16224
Ion Ratio Lower Upper
83 100
85 55.5 47.3 87.9



#34
Trichloroethene
Concen: 31.857 ug/L
RT: 5.94 min Scan# 1507
Delta R.T. 0.00 min
Lab File: VV017711.D
Acq: 28 Jul 2020 17:53

Tgt Ion: 95 Resp: 373594
Ion Ratio Lower Upper
95 100
97 65.4 46.1 85.5
132 104.0 71.7 133.1
130 105.5 74.3 137.9





#42

Toluene

Concen: 0.103 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017711.D

Acq: 28 Jul 2020 17:53

Instrument :

MSVOA_V

ClientSampled :

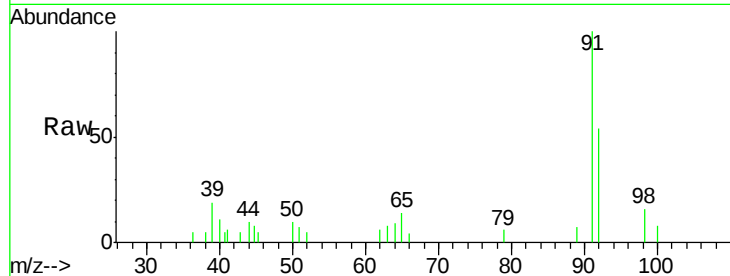
H0AE6

Tot Ion: 91 Resp: 4711

Ion Ratio Lower Upper

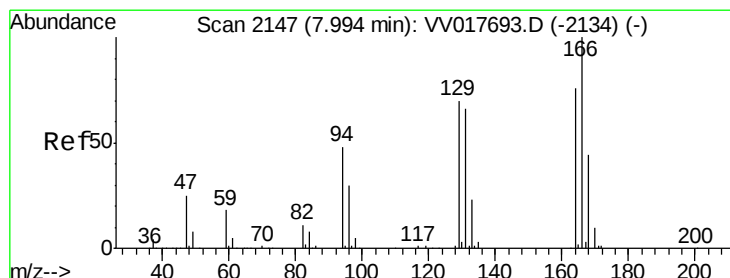
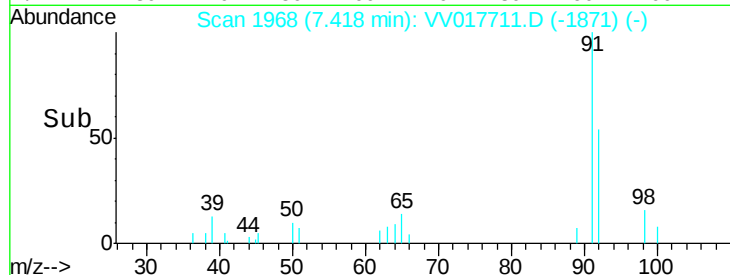
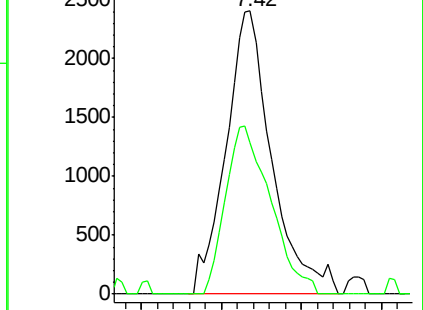
91 100

92 53.5 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV017711.D (-1871) (-)

Ion 92.15 (91.85 to 92.85): VV017711.D (-1871) (-)



#49

Tetrachloroethene

Concen: 0.215 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.00 min

Lab File: VV017711.D

Acq: 28 Jul 2020 17:53

Tgt Ion: 164 Resp: 2220

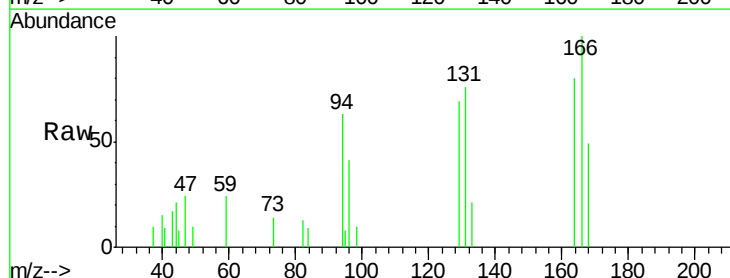
Ion Ratio Lower Upper

164 100

129 86.3 65.0 120.8

131 94.3 63.6 118.2

166 124.6 91.7 170.3



Abundance Ion 163.90 (163.60 to 164.60): VV017711.D (-2054) (-)

Ion 128.95 (128.65 to 129.65): VV017711.D (-2054) (-)

Ion 130.95 (130.65 to 131.65): VV017711.D (-2054) (-)

Ion 165.90 (165.60 to 166.60): VV017711.D (-2054) (-)

