

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080720\
 Data File : VV017835.D
 Acq On : 07 Aug 2020 13:19
 Operator : SY/MD
 Sample : L3590-17DL 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4L22DL

Quant Time: Aug 08 00:25:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 08 00:22:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	231941	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	232254	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	126688	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45227	39.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.98%
7) Chloroethane-d5	1.58	69	43686	45.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.48%
11) 1,1-Dichloroethene-d2	2.12	63	92790	34.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.28%
21) 2-Butanone-d5	3.91	46	77972	91.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.68%
24) Chloroform-d	4.38	84	149286	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	116931	51.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.58%
32) Benzene-d6	5.08	84	246329	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
36) 1,2-Dichloropropane-d6	6.09	67	67499	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.96%
41) Toluene-d8	7.34	98	250382	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%
43) trans-1,3-Dichloropropene-	7.64	79	41864	41.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.48%
47) 2-Hexanone-d5	8.11	63	54799	84.01	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.01%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98474	42.98	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.96%
64) 1,2-Dichlorobenzene-d4	11.65	152	129262	51.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.96%

Target Compounds

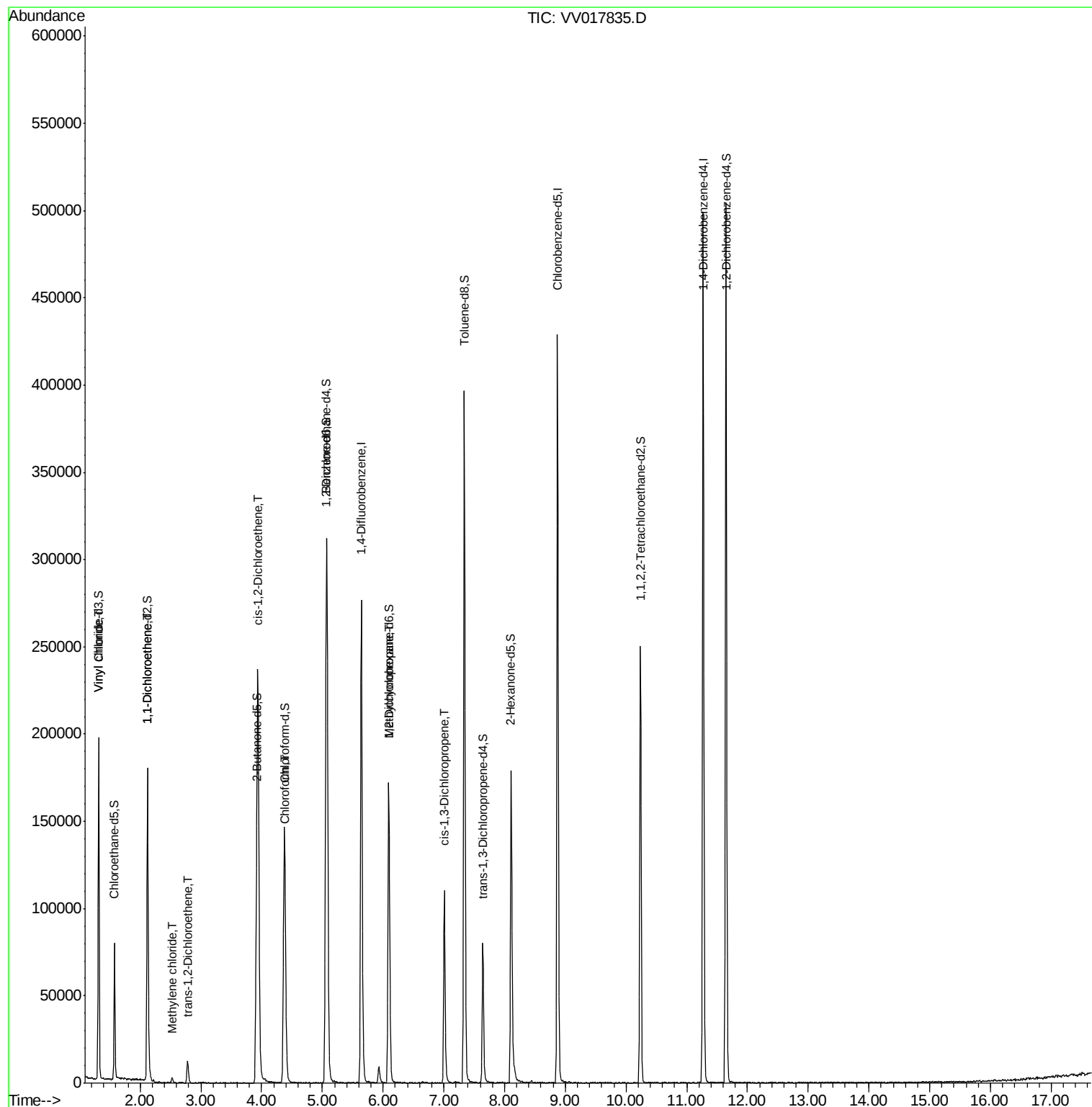
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	71922	43.711	ug/L	98
12) 1,1-Dichloroethene	2.13	96	1553	1.113	ug/L #	1
16) Methylene chloride	2.52	84	1270	0.772	ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	4912	3.121	ug/L	86
20) cis-1,2-Dichloroethene	3.94	96	122666	72.960	ug/L	93
25) Chloroform	4.40	83	2704	0.849	ug/L	99
35) Methylcyclohexane	6.09	83	20947	7.976	ug/L #	19
39) cis-1,3-Dichloropropene	7.00	75	3438	1.297	ug/L #	81

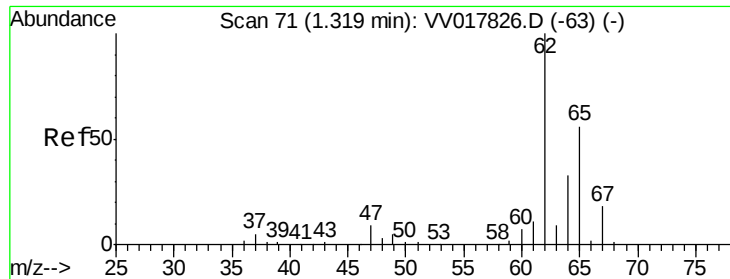
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 08 00:22:47 2020
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#5

Vinyl chloride

Concen: 43.711 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017835.D

Acq: 07 Aug 2020 13:19

Instrument :

MSVOA_V

ClientSampleId :

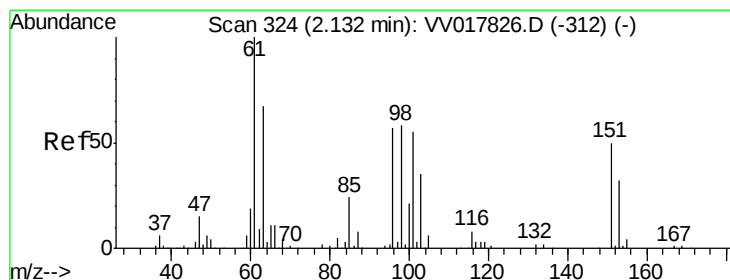
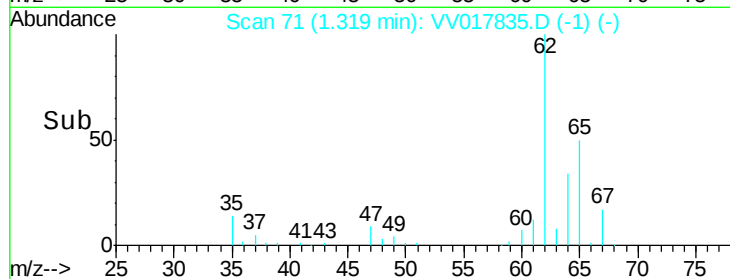
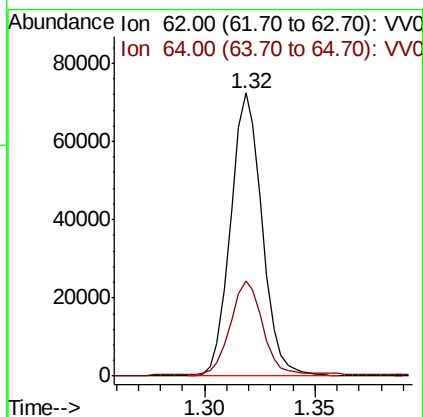
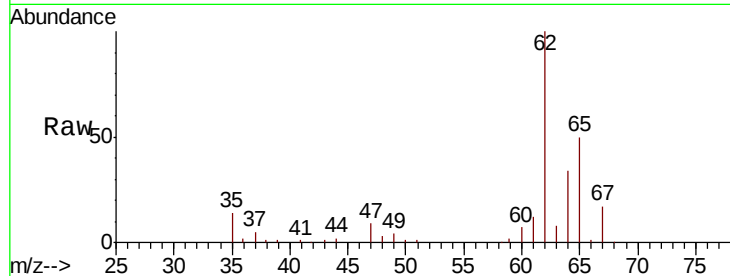
F4L22DL

Tot Ion: 62 Resp: 71922

Ion Ratio Lower Upper

62 100

64 33.7 22.9 42.5



#12

1,1-Dichloroethene

Concen: 1.113 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017835.D

Acq: 07 Aug 2020 13:19

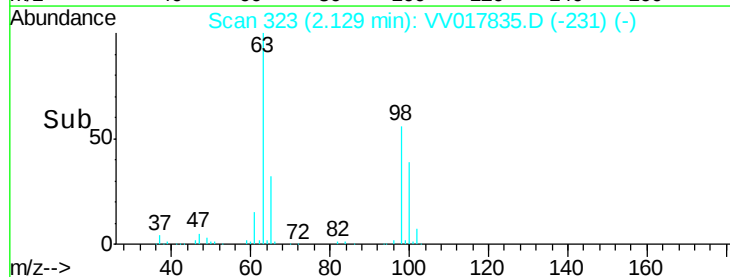
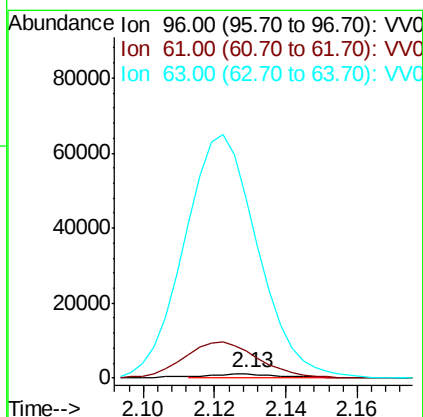
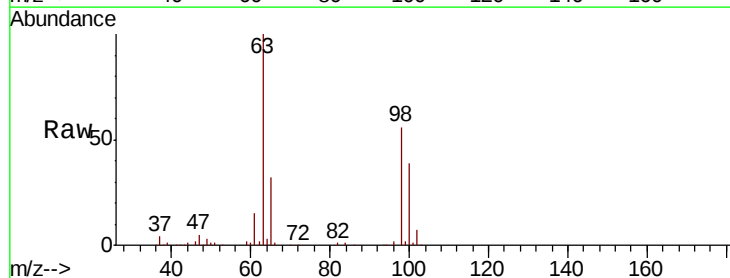
Tgt Ion: 96 Resp: 1553

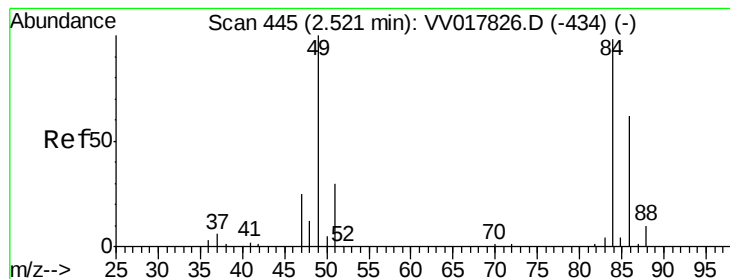
Ion Ratio Lower Upper

96 100

61 634.0 131.0 243.2#

63 4259.6 88.5 164.3#

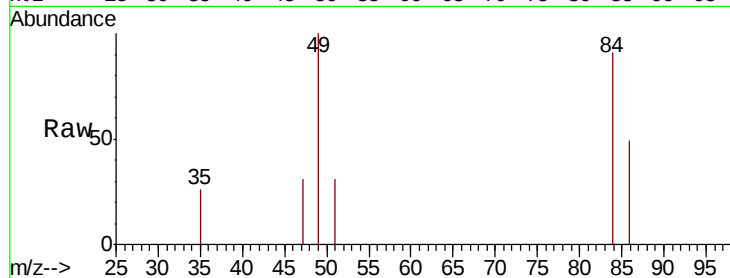




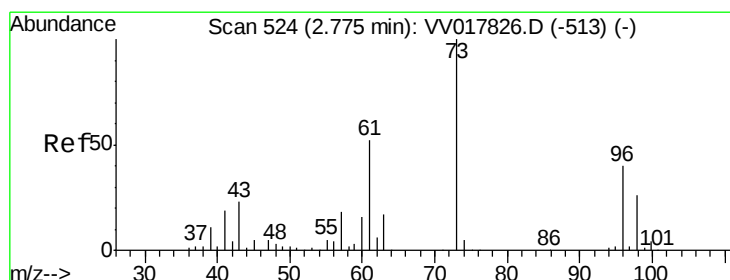
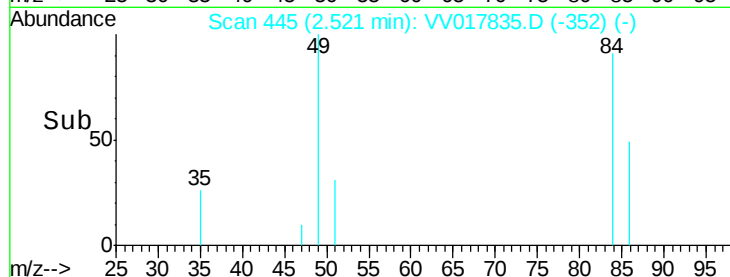
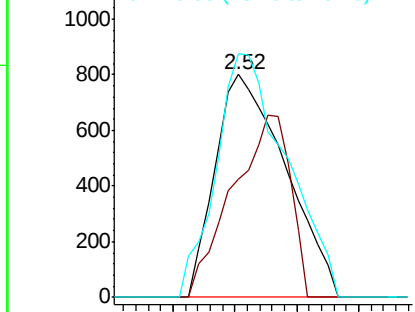
#16
Methylene chloride
Concen: 0.772 ug/L
RT: 2.52 min Scan# 445
Delta R.T. 0.00 min
Lab File: VV017835.D
Acq: 07 Aug 2020 13:19

Instrument :
MSVOA_V
ClientSampleID :
F4L22DL

Tot Ion: 84 Resp: 1270
Ion Ratio Lower Upper
84 100
86 53.1 45.4 84.4
49 109.4 79.2 147.2

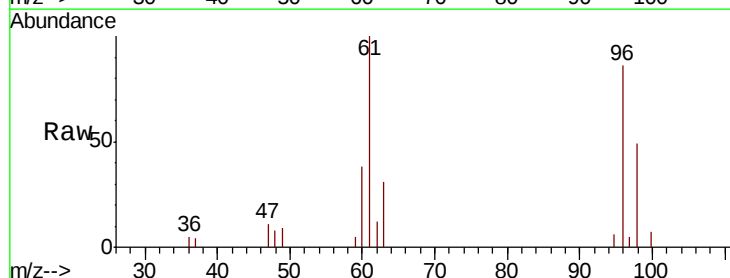


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.00 (48.70 to 49.70): VV0

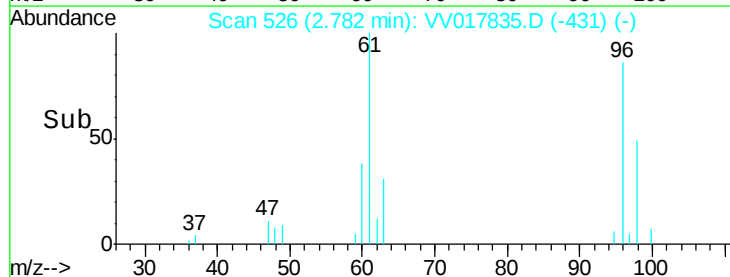
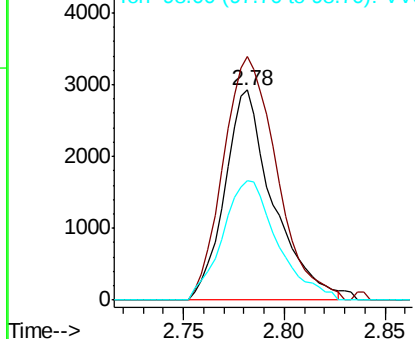


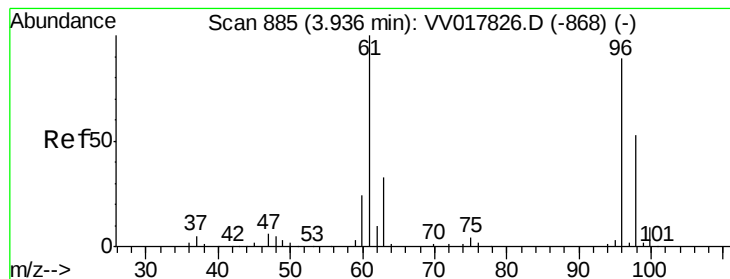
#17
trans-1,2-Dichloroethene
Concen: 3.121 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV017835.D
Acq: 07 Aug 2020 13:19

Tgt Ion: 96 Resp: 4912
Ion Ratio Lower Upper
96 100
61 115.9 96.2 178.8
98 56.8 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 72.960 ug/L

RT: 3.94 min Scan# 886

Delta R.T. 0.00 min

Lab File: VV017835.D

Acq: 07 Aug 2020 13:19

Instrument :

MSVOA_V

ClientSampleId :

F4L22DL

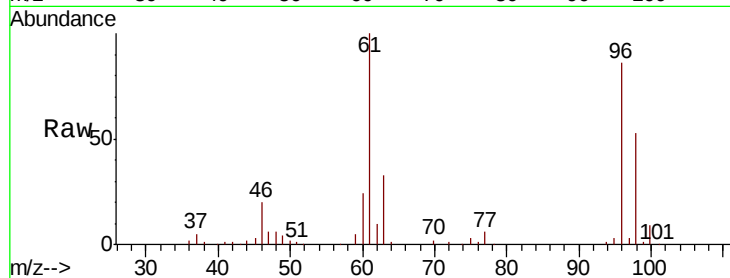
Tot Ion: 96 Resp: 122666

Ion Ratio Lower Upper

96 100

61 116.5 87.3 162.1

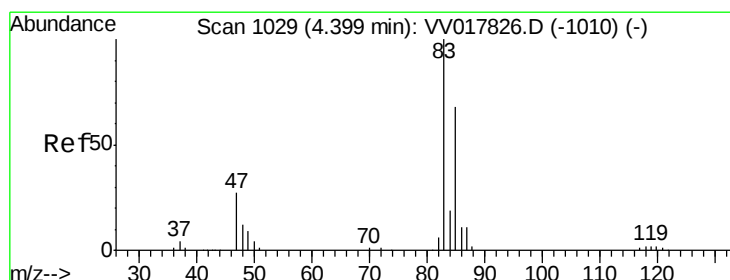
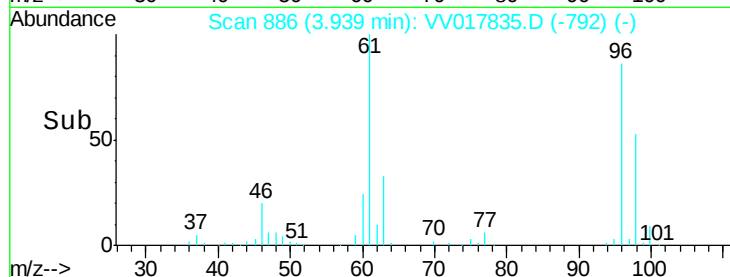
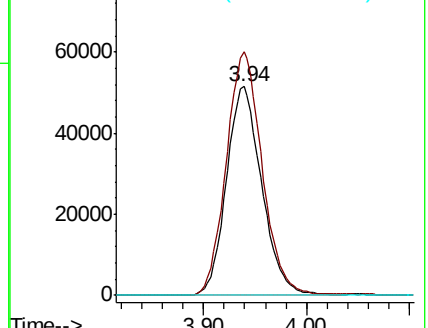
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV017826.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV017826.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV017826.D (-868) (-)



#25

Chloroform

Concen: 0.849 ug/L

RT: 4.40 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VV017835.D

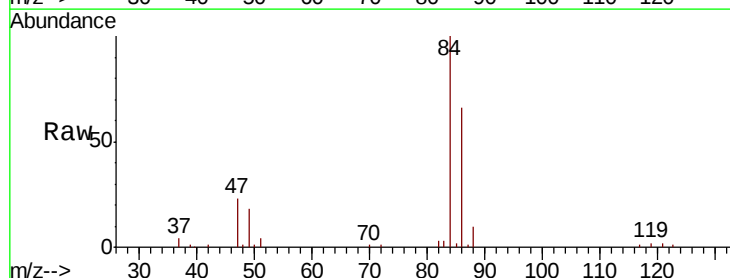
Acq: 07 Aug 2020 13:19

Tgt Ion: 83 Resp: 2704

Ion Ratio Lower Upper

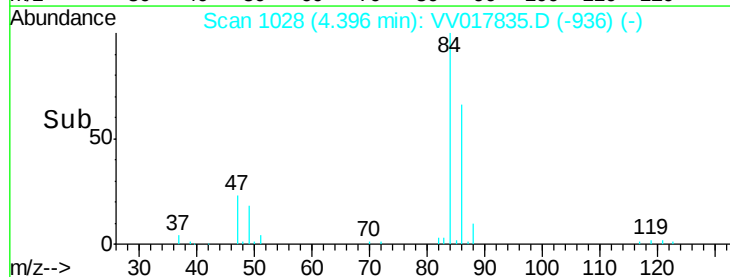
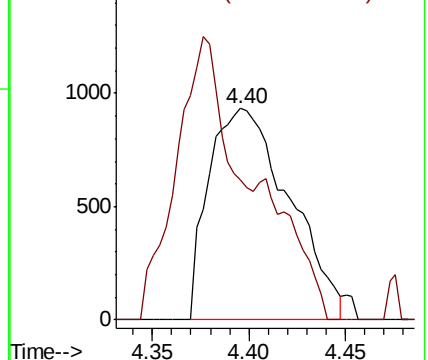
83 100

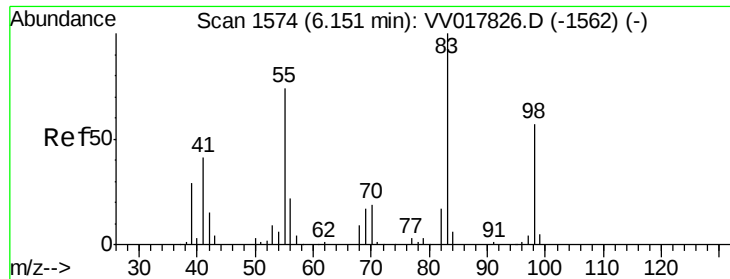
85 66.2 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV017826.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV017826.D (-1010) (-)

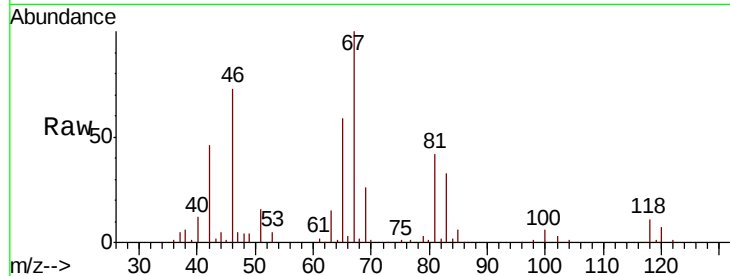




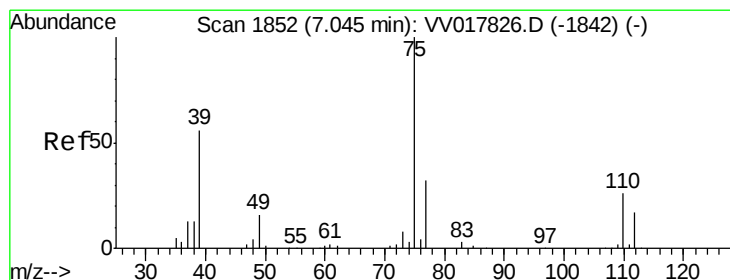
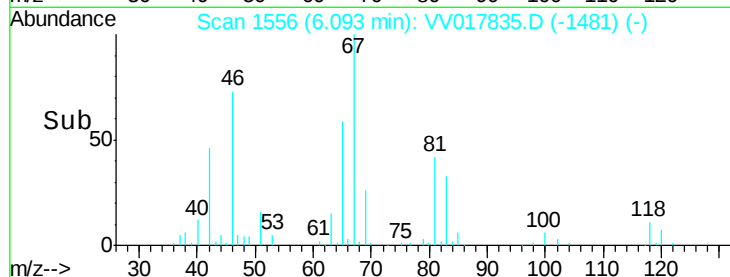
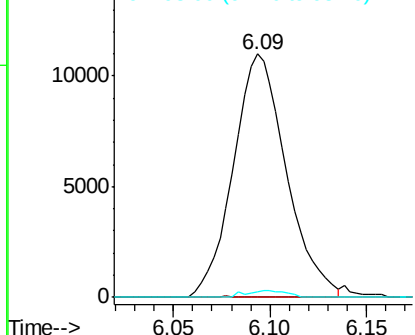
#35
Methvlcvclohexane
Concen: 7.976 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017835.D
Acq: 07 Aug 2020 13:19

Instrument :
MSVOA_V
ClientSampleId :
F4L22DL

Tot Ion: 83 Resp: 20947
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.2#
98 1.7 41.2 61.8#

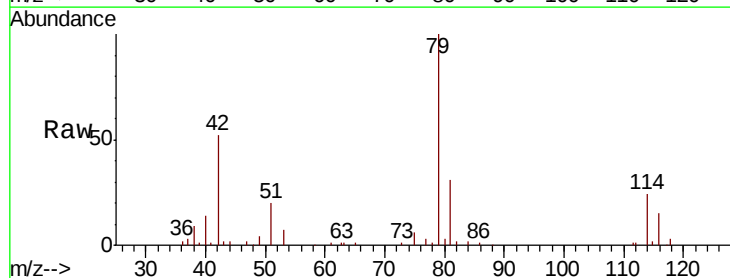


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



#39
cis-1,3-Dichloropropene
Concen: 1.297 ug/L
RT: 7.00 min Scan# 1839
Delta R.T. -0.04 min
Lab File: VV017835.D
Acq: 07 Aug 2020 13:19

Tgt Ion: 75 Resp: 3438
Ion Ratio Lower Upper
75 100
77 44.0 23.2 43.0#



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

